MITIGATION MONITORING AND REPORTING PROGRAM

WEST VALLEY CONNECTOR CORRIDOR PROJECT

In the Counties of Los Angeles and San Bernardino
and the Cities of Pomona, Montclair, Ontario,
Rancho Cucamonga, and Fontana

Prepared for

San Bernardino County Transportation Authority
1170 West Third Street, 2nd Floor
San Bernardino, CA 92410
(909) 884-8276

April 2020

WEST VALLEY CONNECTOR CORRIDOR PROJECT
MITIGATION MONITORING AND REPORTING PROGRAM

This mitigation monitoring and reporting program (MMRP) has been prepared pursuant to State of California Public Resources Code (PRC) Section 21081.6, which requires adoption of a reporting and monitoring program for projects in which the lead agency has required changes or adopted mitigation to avoid significant environmental effects of the West Valley Connector Corridor Project (Project). Specific reporting or monitoring requirements to be enforced during project implementation must be defined prior to final approval of the project proposal by the decision makers.

This MMRP identifies responsible parties and provides guidelines for implementation and reporting for all mitigation measures outlined in the Final Environmental Impact Report (EIR) and the Finding of No Significant Impact (FONSI) for the Project.

A. Responsible Party

The San Bernardino County Transit Authority (SBCTA) is the California Environmental Quality Act (CEQA) lead agency. The Federal Transit Administration, Region 9 (FTA) is the lead federal agency under the National Environmental Policy Act (NEPA). SBCTA has responsibility for construction management and oversight, and the assurance that mitigation measures are implemented by designated and qualified personnel, which may include design and construction contractors. Therefore, SBCTA will also be responsible for implementing and reporting on the mitigation measures in this MMRP.

B. Mitigation Requirements

Unless otherwise stated in the Final EIR and the FONSI, the project will be designed, constructed, and operated following all applicable laws, regulations, ordinances, and formally adopted standards (*e.g.*, city municipal codes and standard plans). Construction will follow the uniform practices established by the American Public Works Association (*e.g.*, *Standard Specifications for Public Works Construction* [Greenbook] and the *California Manual on Uniform Traffic Control Devices [MUTCD])* or other City-approved standards. These measures are generally incorporated as part of SBCTA's bid and specifications package.

A total of 32 mitigation measures for operations and 51 mitigation measures for construction are required to be undertaken to mitigate the potentially significant impacts and unavoidable adverse effects associated with this project. The mitigation measures for operation are presented in Table 1, and the mitigation measures for construction are presented in Table 2.

C. Schedule and Reporting Frequency

Implementation and monitoring of mitigation tasks, as outlined in the tables below, will be documented in the Mitigation Monitoring Report form (see Exhibit A), which will be issued by SBCTA to the party responsible for task implementation. These forms will be used to demonstrate and document compliance with PRC Section 21081.6 and will be completed by those having designated responsibility for mitigation implementation and monitoring. Completed forms shall be submitted to SBCTA for verification and filing as soon as each mitigation task is completed or reaches a designated completion milestone. Retained mitigation monitoring reports will be made available to the public for a period of 5 years following completion of the project. Duplicate copies of certified forms will also be retained in SBCTA archives together with the 'as-built' drawings for this project.

Table 1. Mitigation Measures, Implementation, Scheduling, and Reporting (Operation Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
TRA-1	The proposed bus rapid transit (BRT) project design would incorporate the following improvement measures to enhance sbX Operations and sbX Operations at Signalized Intersections: • Reconstruction of curb and gutters will only be required for the segment where dedicated bus-only lanes are proposed. • Vehicular lanes where the sbX operates in dedicated bus-only lanes will feature concrete roadways, painted, or striped to visually separate the exclusive lanes from the mixed flow lanes. • Concrete pads will be placed at all station locations for the sbX vehicles. • Wherever possible for exclusive lanes, the bus signals and the adjacent existing intersection signals will be integrated to create one signalized intersection controlling automobiles and buses. • Intersection crossings will be controlled with signals, and pedestrians will be allocated standard crossing time. • Left-turn movements for vehicular traffic from mixed-flow lanes crossing exclusive lanes on the project alignment will require separate signal phases with red arrows when transit vehicles are crossing intersections. • The signal modifications may also include “active” No-Right-Turn indications and “Bus Coming” signs to prevent right turns across the exclusive lanes. • Signal modifications will include upgrades to signal controllers and software to accommodate the transit priority treatment at intersections. • Presignals and queue cutters will be used to prevent traffic from stopping or blocking the exclusive lanes.	Traffic and Transportation Chapter 3	1. Include the improvement measures in the final design for the project. 2. Include the improvement measures in bid and specification package. 3. Monitor to ensure the contractor implements the improvement measures. 4. Implement the improvement measures.	1. Final design phase 2. Contract documents 3-4. Demolition and construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
TRA-2	The following improvement measures would be carried out at the following affected intersections and Operations and Maintenance (O&M) facility site location 3: A. #2 Garey Avenue/Holt Avenue: Restripe eastbound Holt Avenue approach to add a dedicated right-turn lane (by 2023). B. #4 Towne Avenue/Holt Avenue: Modify the traffic signal to include protected plus permitted phasing at the northbound and southbound Towne Avenue approaches (by 2040). C. #8 East End Avenue/Holt Avenue: Restripe the eastbound Holt Avenue right-turn lane to a shared through/right-turn lane (by 2040). D. #79 Day Creek Boulevard/Foothill Boulevard: Restripe the third northbound through lane to a shared through/right-turn lane (by 2023). E. #96 Sierra Avenue/Foothill Boulevard: Modify the traffic signal to include protected plus permitted phasing at the eastbound and westbound Foothill Boulevard approaches (by 2023). F. #106 Sierra Avenue/San Bernardino Avenue: Modify the traffic signal to include protected plus permitted phasing at the eastbound and	Traffic and Transportation Chapter 3	1. Include the improvement measures in the final design for the project. 2. Include the improvement measures in bid and specification package. 3. Monitor to ensure the contractor implements the improvement measures. 4. Implement the improvement measures.	1. Final design phase 2. Contract documents 3-4. Demolition and construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA

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	westbound San Bernardino Avenue approaches (by 2040). G. #107 Sierra Avenue/Marygold Avenue: Modify and restripe the eastbound Marygold Avenue shared through/right lane to a right-turn lane with a dedicated eastbound through lane (by 2040). H. #109 Juniper Avenue/Valley Boulevard: Restripe the westbound Valley Boulevard approach to add a dedicated right-turn lane (by 2040). I. O&M Facility #6 Grove Avenue/Mission Boulevard: Modify the traffic signal to include a right-turn overlap phase at the westbound Mission Boulevard approach (by 2040).						
AV-1	Conduct a final tree survey for all trees that will be impacted by the project. Complete survey prior to final design efforts and minimize tree removal to the greatest extent possible.	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with tree removal plan. 4. Implement tree removal plan.	1. Final design phase 2. Contract documents 3-4. Demolition	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
AV-2	All lighting at the stations shall include shielding and directionality to limit the extent of glare created at these locations.	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with lighting plan. 4. Implement lighting plan.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
AV-3	Install replacement trees at a ratio and size required by either the tree or landscape ordinance, or the landscape development guidelines for the portion of the project developed in each of the corridor cities. If no requirement exists, install replacement trees at a 1:1 ratio with a minimum size of 36-inch box for street trees and 24-inch box for any other project trees.	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with tree replacement plan. 4. Implement tree replacement plan.	1. Final design phase 2. Contract documents 3-4. Demolition and construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
AV-4	Meet any currently established City requirements for streetscape design for the various roadways within the project area that are disturbed by the project construction and work with the community stakeholders to ensure implementation. Relevant goals and policies include Policy 6D.P24 of the Pomona General Plan, Policy CD3-6 of the Ontario General Plan, Policy CM-1.5 of the Rancho Cucamonga General Plan, and Goal #4.1 of the Fontana General Plan, all of which require transit developments to provide elements such as landscaping to enhance the aesthetics, functionality,	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with streetscape plan. 4. Implement streetscape plan.	1. Final design phase 2. Contract documents 3-4. Demolition and construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA

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	and sustainability of streetscapes.				Contractor		
AV-5	Develop and implement an Art-in-Transit strategy and incorporate artwork into relevant center- and side-running BRT station designs.	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with Art-in-Transit plan. 4. Implement Art-in-Transit plan.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
AV-6	Between Euclid and Sultana avenues, minimize the number of tree removals to the extent possible.	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with tree removal plan. 4. Implement tree removal plan.	1. Final design phase 2. Contract documents 3-4. Demolition	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
AV-7	Within the Holt Boulevard/Euclid Avenue intersection, ensure any work complies with requirements of the historic designations of the roadway regarding landscape and other contributing factors.	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with streetscape/landscape plan. 4. Implement streetscape/landscape plan.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
AV-8	For the O&M facility, provide streetscape planting, including trees, as well as incorporating screening along the street.	Aesthetics and Visual Resources Section 4.1	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with streetscape/landscape plan. 4. Implement streetscape/landscape plan.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
BR-1	Burrowing Owl (BUOW) Protection. To ensure that any BUOW that may occupy the site in the future are not affected by the construction activities, pre-construction BUOW surveys will be required within 7 to 10 days prior to any ground-disturbing activities in the areas identified as potential BUOW habitat. If any of the preconstruction surveys determine that BUOW are present, one or more of the following mitigation measures may be required: (1)	Biological Resources Section 4.3	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor/Biologist	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA

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	avoidance of active nests and surrounding buffer areas during construction activities: (2) passive relocation of individual owls; (3) active relocation of individual owls; and (4) preservation of on-site habitat with long-term conservation value for the owl.						
BR-2	Nesting Birds Protection. Avoid disturbance of any nests protected by the Migratory Bird Treaty Act (MBTA). If tree and shrub removal activities are scheduled to occur during the breeding season (February 1 through August 31), then SBCTA will implement the following measures to avoid potential adverse effects on birds covered by the MBTA: • No more than 1 week prior to construction, a qualified wildlife biologist will conduct preconstruction survey of all potential nesting habitat within 500 feet of construction activities where access is available. • If active nests are found during preconstruction surveys, then the project proponent will create a no-disturbance buffer (acceptable in size to the California Department of Fish and Wildlife [CDFW]) around active raptor nests and nests of other special-status birds during the breeding season, or until it is determined that all young have fledged. Typical buffers include 500 feet for raptors and 250 feet for other nesting birds. The size of these buffer zones and types of construction activities restricted in these areas may be further modified during coordination and in consultation with CDFW, and it will be based on existing noise and human disturbance levels at the project site. Nests initiated during construction are presumed to be unaffected, and no buffer would be necessary; however, the "take" (e.g., mortality, severe disturbance to) of any individual birds will be prohibited. If preconstruction surveys indicate that nests are inactive or potential habitat is unoccupied during the construction period, then no further mitigation is required. Trees and shrubs within the construction footprint that have been determined to be unoccupied by birds covered by the MBTA or that are located outside the no-disturbance buffer for active nests may be removed.	Biological Resources Section 4.3	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor/Biologist	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
BR-3	Coastal Sage Scrub Protection. During final design, the Project Engineer will coordinate with a qualified biologist to delineate all environmentally sensitive areas (ESAs) within the project footprint and immediately surrounding areas. ESAs are not identified as temporarily or permanently impacted in the environmental document. Prior to clearing vegetation or construction within or adjacent to ESAs, the Contractor will install highly visible barriers (e.g., orange construction fencing) adjacent to the project impact area to designate ESAs to be preserved in place. No grading or fill activity of any type will be permitted within these ESAs. In addition, no construction activities, materials, or equipment will be allowed within the ESAs. All construction equipment will be operated in a manner to prevent accidental damage to nearby ESAs. No structure of any kind, or incidental storage of equipment or supplies, will be allowed within the ESAs. Silt fence barriers will be installed at the	Biological Resources Section 4.3	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Final design phase 2-3. Demolition and construction	1. SBCTA Project Engineer/Biologist 2. SBCTA Construction Manager 3. Construction Contractor/Biologist	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA

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	ESA boundaries to prevent accidental deposition of fill material in areas where vegetation is adjacent to planned grading activities. A qualified biologist will supervise the placement of ESA fencing.						
BR-4	Delhi Sands Flower-Loving Fly (DSF) Protection. In the event that design plans change and would impact undeveloped and/or open space areas, a habitat assessment shall be conducted to determine whether the impacted area is suitable to support DSF. If the findings of the habitat assessment indicate that the area could support DSF, a presence/ absence survey for the DSF should be conducted.	Biological Resources Section 4.3	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Final design phase 2-3. Demolition and construction	1. SBCTA Project Engineer/Biologist 2. SBCTA Construction Manager 3. Construction Contractor/Biologist	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
GSS-1	Station platforms and structures at the O&M facility shall be designed to withstand ground motion in accordance with City, State, and geotechnical industry standards and guidelines.	Geology, Soils, Seismicity Section 4.5	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans and geotechnical measures. 4. Implement project plans and geotechnical measures.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
WQ-1	All construction of the side-running stations shall be undertaken within the existing impervious areas along the proposed corridor, resulting in no additional impervious areas.	Hydrology, Water Quality, and Floodplains Section 4.7	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
WQ-2	Additional stormwater runoff from the new impervious area along the 3.5-mile dedicated lane segment shall be treated at the infiltration basin to be constructed as part of the proposed project.	Hydrology, Water Quality, and Floodplains Section 4.7	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
WQ-3	Additional stormwater runoff from the new impervious area created by the proposed O&M facility under either Build Alternative shall be treated at the on-site infiltration basins to be constructed as part of the proposed project. O&M Site 3 does not have on-site stormwater facilities, and will therefore be required to contain, retain and treat its storm water subject to current National Pollutant Discharge Elimination System (NPDES) regulations.	Hydrology, Water Quality, and Floodplains Section 4.7	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA

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					4. Construction Contractor		
FP-1	Implement recommended best management practices (BMPs) as identified in the Storm Water Data Report prepared for this project.	Hydrology, Water Quality, and Floodplains Section 4.7	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
FP-2	Develop a contingency plan for unforeseen discovery of underground contaminants in the Storm Water Pollution Prevention Plan (SWPPP).	Hydrology, Water Quality, and Floodplains Section 4.7	1. Include in bid and specification package. 2. Monitor to ensure the contractor complies with contingency plan. 3. Implement contingency plan, as necessary.	1. Final design phase 2. Contract documents 3. Demolition and construction	1. SBCTA Project Engineer 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-4. SBCTA
FP-3	Provide adequate conveyance capacity at bridge crossings to ensure no net increase in velocity. A more detailed hydraulic analysis shall be completed to assess existing and post-hydraulic conditions.	Hydrology, Water Quality, and Floodplains Section 4.7	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
NOI-1	To avoid noise impacts from the public address (PA) systems, the noise level from the PA system at the station on Foothill Boulevard should not exceed 74 A-weighted decibels (dBA) at 10 feet in the direction of the residential land uses and the noise level of the PA system at the station on Sierra Avenue should not exceed 71 dBA at 10 feet in the direction of the residential land use.	Noise and Vibration Section 4.9	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. After installation of pa system	1. SBCTA Project Engineer 2. SBCTA 3-4. SBCTA to hire a third-party contractor to perform inspections and tests	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
ACQ-1	A Real Estate Acquisition Management Plan (RAMP) shall be developed adhering to the requirements pertaining to land acquisition for projects funded by FTA as prescribed in Volume 49 *Code of Federal Regulations* (CFR) Part 24, Uniform Relocation Assistance and Real Property Acquisition Policies Act for Federal and Federally Assisted Programs, and the California Relocation Assistance Act, 1970. All real property acquired for the project will be appraised to determine fair market value. Just compensation, which shall not be less than the approved appraisal, will be made to each displaced property owner. Displacees who have met	Acquisitions and Displacements Section 4.12	1. Prepare RAMP as part of final design. 2. Implement RAMP.	1. Final design phase 2. Prior to any demolition or construction	1. SBCTA 2. Relocation Specialist	1-2. Record of compliance kept on file at SBCTA	1-2. SBCTA

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	eligibility requirements will be provided relocation assistance payments and advisory assistance in accordance with the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended. The RAMP will address the need to have relocation specialists who have prior experience working with people who may have special needs, especially the elderly, disabled, and low-income population groups. It will also specify that one or more of the relocation specialists be fluent in Spanish. Additionally, the plan will address coordinating with the local Section 8 Housing Authority on the availability of vouchers and other options for displaced low-income households who may face immediate financial hardships. The RAMP will address in advance of potential relocations of minority-owned businesses, the need to coordinate with organizations such as the Inland Empire Region of the California Hispanic Chamber of Commerce, Asian Business Association – Inland Empire, and the Black Chamber of Commerce of the Inland Empire, to identify resources that may be of help to such businesses. The potential application of property lease-back options to allow small businesses to continue to function as long as feasible after acquisition will also be explored in the RAMP.						
ACQ-2	Transportation for displaced persons to inspect potential relocation housing will be offered at no-cost should they be unable to use their own means of transportation. This offer shall be extended to senior citizens, disabled people, and any transit-dependent individuals or households.	Acquisitions and Displacements Section 4.12	1. Include the requirements in RAMP. 2. Implement RAMP.	1. Final design phase 2. Prior to any demolition or construction	1. SBCTA 2. Relocation Specialist	1-2. Record of compliance kept on file at SBCTA	1-2. SBCTA
SS-1	All stations and parking facilities shall be equipped with monitoring equipment and/or be monitored by SBCTA security personnel on a regular basis.	Safety and Security Section 4.14	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans. 5. Use monitoring equipment.	1. Final design phase 2. Contract documents 3-4. Construction 5. As part of daily operations	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor 5. Omnitrans security personnel	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite 5. Record of compliance kept on file at SBCTA	1-5. SBCTA
SS-2	SBCTA shall implement a security plan that includes in-vehicle and station surveillance by SBCTA security or other local jurisdiction security personnel.	Safety and Security Section 4.14	1. Implement as part of system operations.	1. Operations	1. Omnitrans	1. Record of operations kept on file at SBCTA	1. SBCTA
SS-3	All stations shall be lit to standards that avoid shadows, and all pedestrian pathways leading to/from sidewalks and parking facilities shall be well illuminated.	Safety and Security Section 4.14	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with lighting plan.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on	1-4. SBCTA

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			4. Implement lighting plan.		Manager 4. Construction Contractor	jobsite	
SS-4	SBCTA shall coordinate and consult with Pomona Police Department (PD), Montclair PD, Ontario PD, Rancho Cucamonga PD, Fontana PD, County of San Bernardino Sheriff's Department, and County of Los Angeles Sheriff's Department to develop safety and security plans for the alignment, parking facilities, and station areas.	Safety and Security Section 4.14	1. Coordinate with police departments during final design. 2. Coordinate with police departments prior to start of operations.	1. Final design phase 2. Prior to start of operations	1-2. SBCTA	1-2. Record of compliance kept on file at SBCTA	1-2. SBCTA
SS-5	The station design shall not include design elements that obstruct visibility or observation, nor provide discrete locations favorable to crime; pedestrian access at stations shall be ground-level with clear sight lines.	Safety and Security Section 4.14	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. After installation of pa system	1. SBCTA Project Engineer 2. SBCTA 3-4. SBCTA to hire a third-party contractor to perform inspections and tests	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
SS-6	For motorist safety, SBCTA shall engage the public with educational campaigns to make the public aware of changes in roadway conditions.	Safety and Security Section 4.14	1. SBCTA to implement Educational Campaign.	1. Prior to and after construction	1. SBCTA	1. Record of compliance kept on file at SBCTA	1. SBCTA
SS-7	Before reaching the intersection, private automobile drivers shall be warned by presignals of approaching intersections that cross exclusive lanes. The exclusive lane shall be painted or striped to separate it visually from the general purpose roadway or other additional safety devices (e.g., colored textured concrete, pavers, or embedded lights) may be placed to help alert motorists to the presence of the center exclusive lane.	Safety and Security Section 4.14	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
SS-8	Platforms shall be well-lit and include amenities such as canopies, seating, and trash receptacles. The platforms will also include some or all of the following safety and security equipment: security cameras, light fixtures, PA system, and emergency telephones.	Safety and Security Section 4.14	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans.	1. Final design phase 2. Contract documents 3-4. Construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
CI-AQ-1	Apply water or dust palliative to the site and equipment as frequently as necessary to control fugitive dust emissions. Fugitive emissions generally must meet a “no visible dust” criterion either at the point of emission or at the right-of-way (ROW) line as required by the South Coast Air Quality Management District (SCAQMD).	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-2	Spread soil binder on any unpaved roads used for construction purposes and all project construction parking areas.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-3	Properly tune and maintain construction equipment and vehicles. Use low-sulfur fuel in all construction equipment as provided in California Code of Regulations (CCR) Title 17, Section 93114.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-4	Develop a dust control plan documenting sprinkling, temporary paving, speed limits, and expedited revegetation as needed to minimize construction impacts to existing communities.	Air Quality Sections 5.2.2 and 5.3.2	1. Develop Dust Control Plan. 2. Include Dust Control Plan requirements in bid and specification package. 3. Monitor to ensure the contractor complies with the requirements included in the Dust Control Plan. 4. Implement Dust Control Plan.	1. Final design phase 2. Contract documents 3-4. Demolition and construction	1. SBCTA Project Engineer 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-AQ-5	Locate equipment and material storage sites at least 500 feet from the sensitive receptors. Keep construction areas clean and orderly.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-6	Extended idling, material storage, and equipment maintenance should be prohibited within 500 feet of sensitive air receptors, to the extent feasible.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-7	The project shall not allow track-out to extend 25 feet or more from the	Air Quality	1. Include the requirements in bid and	1. Contract	1. SBCTA	1. Record of	1-3. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	point of origin from an active operation. Use track-out reduction measures such as gravel pads at project access points to minimize dust and mud deposits on roads affected by construction traffic. Notwithstanding the preceding, all track-out from an active operation shall be removed after each workday or evening shift.	Sections 5.2.2 and 5.3.2	specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	documents 2-3. Demolition and construction	2. SBCTA Construction Manager 3. Construction Contractor	compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	
CI-AQ-8	Cover all transported loads of soils and wet materials prior to transport, or provide adequate freeboard (space from the top of the material to the top of the truck) to minimize emission of dust (particulate matter [PM]) during transportation.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-9	Promptly and regularly remove dust and mud that are deposited on paved, public roads due to construction activity and traffic to decrease PM.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-10	Route and schedule construction traffic to avoid peak travel times as much as possible to reduce congestion and related air quality impacts caused by idling vehicles along local roads.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-11	Rule 401 – Visible Emissions: Contractors shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminants for a period or periods aggregating more than 3 minutes in any 1 hour that are as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart or of such opacity as to obscure an observer's view to a degree equal to or greater than smoke.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-12	Contractors shall not discharge from any source whatsoever such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endangers the comfort, repose, health, or safety of any such persons or the public; or that cause or have a natural tendency to cause injury or damage to business or property.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-13	Contractors shall control fugitive dust in accordance with Rule 403 using the best available control measures to reduce dust so it does not remain visible in the atmosphere beyond the property line of the project. The dust control plan shall describe all applicable dust control measures to be implemented at the project; and shall describe types of dust suppressant,	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on	1-3. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	surface treatments and other measures to be utilized at the construction sites to comply with the Rule. The relevant specifics of Rule 403 are as follows: • No person shall cause or allow the emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area such that the dust remains visible in the atmosphere beyond the property line of the emission source; or the dust emission exceeds 20 percent opacity, if the dust emission is the result of movement of a motorized vehicle. • No person shall conduct active operations without utilizing the applicable best available control measures included in Table 1 of Rule 403 to minimize fugitive dust emissions from each fugitive dust source type within the active operation. • No person shall cause or allow particulate matter less than 10 microns in diameter (PM_{10}) levels to exceed 50 micrograms per cubic meter ($\mu g/m^3$) when determined, by simultaneous sampling, as the difference between upwind and downwind samples collected on high-volume particulate matter samplers or other United States Environmental Protection Agency (EPA)-approved equivalent methods for PM_{10} monitoring. • No person shall conduct an active operation with a disturbed surface area of 5 or more acres or with a daily import or export of 100 cubic yards or more of bulk material without utilizing approved control measure/measures at each vehicle egress from the site to a paved public road.		3. Follow mitigation measure requirement.		3. Construction Contractor	jobsite	
CI-AQ-14	To the extent possible and applicable, construction activities that will involve excavation will be scheduled when school is off session. Contractors shall not cause or allow PM_{10} levels to exceed 50 $\mu g/m^3$ when determined, by simultaneous sampling, as the difference between upwind and downwind samples collected on high-volume samplers reasonably placed upwind and downwind of key activity areas and as close to the property line as feasible, such that other sources of fugitive dust between the sampler and the property line are minimized.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-15	A temporary construction sign shall be installed at the construction site displaying contact information of the Resident Engineer. who will be the point of contact to address dust, noise, and construction-related impacts.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor installs the sign. 3. install construction sign mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-AQ-16	To the extent possible, any applicable heavy construction (e.g., structure demolition excavation) that could affect air quality near any school along the route will be scheduled during off-school hours.	Air Quality Sections 5.2.2 and 5.3.2	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on	1-3. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
					Contractor	jobsite	
CI-BR-1	During final design, the Project Engineer will coordinate with a qualified biologist to delineate all ESAs within the project footprint and immediately surrounding areas.	Biological Resources Sections 5.2.3 and 5.3.3	1. Include in project plans. 2. Include the requirements in bid and specification package. 3. Monitor to ensure the ESA flags/fences as in place. 4. Avoid any activity near ESA.	1. Final design phase 2. Contract documents 3-4. Prior to ground-disturbance/demolition & during demolition and construction	1. SBCTA Project Engineer/Biologist 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor/Biologist	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-BR-2	Prior to clearing vegetation or construction within or adjacent to ESAs, the Contractor will install highly visible barriers (e.g., orange construction fencing) adjacent to the project footprint to designate ESAs to be preserved in place. No grading or fill activity of any type will be permitted within these ESAs. In addition, no construction activities, materials, or equipment will be allowed within the ESAs. All construction equipment will be operated in a manner to prevent accidental damage to nearby ESAs. No structure of any kind, or incidental storage of equipment or supplies, will be allowed within the ESAs. Silt fence barriers will be installed at the ESA boundaries to prevent accidental deposition of fill material in areas where vegetation is adjacent to planned grading activities. A qualified biologist will supervise the placement of ESA fencing.	Biological Resources Sections 5.2.3 and 5.3.3	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2. Demolition and construction 3. Prior to ground-disturbance/demolition & during demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-BR-3	Prior to the completion of construction, the Contractor will hydroseed temporarily impacted vegetation communities with appropriate native plant species. Plant species used in the seeding shall be determined in coordination with a qualified biologist.	Biological Resources Sections 5.2.3 and 5.3.3	1. Coordinate with Biologist in order to include planting list with native plants in landscape /streetscape plans. 2. Include the requirements in bid and specification package. 3. Monitor to ensure the contractor complies with the requirements for hydroseeding per landscape /streetscape plans. 4. Implement requirements for hydroseeding per landscape /streetscape plans.	1. Final design phase 2. Contract documents 3-4. Prior to completion of construction	1. SBCTA Project Engineer / Biologist 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-BR-4	Avoid disturbance of any nests protected by the MBTA. Alternatively, tree and shrub removal activities can be scheduled to occur during the non-breeding season (September 1 through January 31).	Biological Resources Sections 5.2.3 and 5.3.3	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-BR-5 (BR-2)	Avoid disturbance of any nests protected by the MBTA. If tree and shrub removal activities are scheduled to occur during the breeding season (February 1 through August 31), then SBCTA will implement the following measures to avoid potential adverse effects on birds covered by the	Biological Resources Sections 5.2.3 and 5.3.3	1. SBCTA shall hire a Biologist. 2. Biologist shall conduct surveys and provide SBCTA with report documenting survey. If nesting birds or potential habitat	1. Prior to start of demolition and construction 2. No more than 1	1. SBCTA 2. Biologist 3. SBCTA	1. Record of compliance kept on file at SBCTA 2. Nesting bird	1-3. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	MBTA: • No more than 1 week prior to construction, a qualified wildlife biologist will conduct a preconstruction survey of all potential nesting habitat within 500 feet of construction activities where access is available. • If active nests are found during preconstruction surveys, then the project proponent will create a no-disturbance buffer [acceptable in size to CDFW] around active raptor nests and nests of other special-status birds during the breeding season, or until it is determined that all young have fledged. Typical buffers include 500 feet for raptors and 250 feet for other nesting birds. The size of these buffer zones and types of construction activities restricted in these areas may be further modified during coordination and in consultation with CDFW, and it will be based on existing noise and human disturbance levels at the project site. Nests initiated during construction are presumed to be unaffected, and no buffer would be necessary; however, the "take" (e.g., mortality, severe disturbance to) of any individual birds will be prohibited. If preconstruction surveys indicate that nests are inactive or potential habitat is unoccupied during the construction period, then no further mitigation is required.		is found on the survey, the report prepared by the biologist will include this information. 3. SBCTA to coordinate with Biologist in order to create no-disturbance buffers around nests or nesting habitat in compliance with mitigation measure, if nests or potential nesting habitat is found. No disturbance buffers shall be set between 250-500 feet unless modified by consultation with CDFW.	week prior to construction 3. During demolition and construction if active nests are present	Construction Manager and Biologist	survey report provided by Biologist kept on file at SBCTA. 3. Active nest monitoring report kept on file at SBCTA	
CI-CR-1	Archaeological and Native American monitoring shall be limited to any project-related, ground-disturbing construction activities (e.g., grading, excavation, drilling) that may affect previously undisturbed sediments anticipated within the Holt Boulevard Corridor to be between 3 feet and 5 feet below the existing ground surface where electrical and communication utilities have been placed, and up to 20 feet below ground surface in areas in which the sewer main is located. Project activities involving utility relocation and establishment of storm drain laterals along Holt Boulevard may involve previously undisturbed sentiments as would construction activities associated with the proposed O&M facility in Ontario. Archaeological monitoring, when applicable, shall be conducted by a qualified archaeologist meeting the Secretary of the Interior's Professional Qualification Standards for Archaeology. Tribal monitor(s) shall be retained and compensated and are required to be approved by the consulting Tribal Government(s) and are listed under the Native American Heritage Commission's (NAHC) Tribal Contact list for the area of the project location. That list of individuals, however, would need to be provided to SBCTA for review and final selection. A Cultural Resources Monitoring and Mitigation Plan (CRMMP) shall be finalized prior to the start of ground-disturbing activities outlining the roles and responsibilities of the monitors, describing the protocols and procedures for monitoring, identifying locations or construction activities requiring monitoring, and defining the procedures for the recordation and treatment of new finds. No information regarding the discovery of human remains shall be publicized.	Cultural and Paleontological Resources Sections 5.2.4 and 5.3.4	1. SBCTA shall hire both an Archaeologist and Native American Monitor. 2. Archaeologist and Native American Monitor shall coordinate with SBCTA Construction Manager in order to identify areas that require monitoring. 3. A CRMMP shall be developed in accordance with this mitigation measure. 4. Archaeologist and Native American Monitor shall monitor during ground-disturbance activities to implement the CRMMP.	1-3. Prior to start of demolition and construction 4. During ground-disturbance activities in previously undisturbed sediments	1. SBCTA 2-3. Archaeologist, Native American Monitor, and SBCTA Construction Manager 4. Archaeologist and Native American Monitor	1-3. Record of compliance kept on file at SBCTA 4. Monitoring Report provided by Archaeologist and Native American Monitor kept on file at SBCTA.	1-4. SBCTA
CI-CR-2	If previously unidentified cultural materials are unearthed during construction, work shall be halted within 100 feet of the find and the area clearly delineated as a restricted area by flagging and/or fencing, until the	Cultural and Paleontological	1. Include the requirements in bid and specification package.	1. Contract Documents	1-2. SBCTA 3. SBCTA	1-2. Record of compliance kept on	1-4. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

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	resource can be fully documented and evaluated by a qualified archaeologist meeting the Secretary of Interior's Professional Qualification Standards. All discoveries shall be treated as significant until a formal evaluation can be made. If the cultural materials are determined to be Native American in origin, additional consultation with the appropriate Tribe(s) will be conducted, and whose representative(s) will be permitted to perform a site visit when the archaeologist makes their assessment on the resource, so as to provide Tribal input. If it is determined by SBCTA's qualified archaeologist that an inadvertently discovered archaeological resource constitutes a historical resource or a unique archaeological resource as defined by CEQA, an appropriate time allotment and sufficient funding to allow for implementation of avoidance measures or other appropriate mitigation shall be available. Avoidance and preservation in place is the preferred manner of mitigation. As identified in CEQA Section 21083.2(b), preservation in place may be accomplished by, but is not limited to, avoidance, incorporating the resource into open space, capping, or deeding the site into a permanent conservation easement. SBCTA, the lead agency under CEQA, shall determine if avoidance and preservation in place is feasible. If it is determined that data recovery through excavation is the only feasible mitigation available, then a Cultural Resources Treatment Plan that provides for the adequate recovery of the scientifically consequential information contained in the archaeological resource will be prepared by a qualified archaeologist in consultation with the appropriate Tribal representatives. The qualified archaeologist(s) will consult with appropriate Native American Tribal representatives in determining treatment for prehistoric or Native American resources to ensure cultural values ascribed to the resource, beyond that which is scientifically important, are considered.	Resources Sections 5.2.4 and 5.3.4	2. SBCTA to hire Archaeologist to evaluate any uncovered cultural materials, as needed. 3. Stop work where cultural resources are found and monitor that Archaeologist complies with the requirements. 4. Archaeologist to evaluate cultural materials.	2-4. During ground-disturbance activities if cultural materials are found	Construction Manager 4. Archaeologist	file at SBCTA 3-4. Evaluation Report provided by Archaeologist kept on file at SBCTA.	
CI-CR-3	If human remains are encountered during ground-disturbing activities, work shall be halted within 100 feet of the find, and the area clearly delineated as a restricted area by flagging and/or fencing, or other suitable approaches, and protected by posting a monitor or construction worker to ensure no additional disturbance occurs. If the human remains cannot be fully assessed, documented, and housed on the same day, the area will be secured by posting a guard onsite outside of working hours or by covering the discovery area with muslin cloth and heavy metal plates (if the human remains are found below grade) or with other impervious material, or by making other provisions commonly accepted by professional archaeologists to prevent damage or vandalism to the remains. The San Bernardino or Los Angeles County Coroner shall be contacted within 24 hours of discovery of human remains in compliance with CEQA Guidelines Section 15064.5(e), California Health and Safety Code Section 7050.5(b), and PRC 5097.98. Work will continue to be diverted while the County Coroner determines whether the remains are Native American. If the remains are determined to be Native American, the County Coroner	Cultural and Paleontological Resources Sections 5.2.4 and 5.3.4	1. Include the requirements in bid and specification package. 2. Stop work where human remains are found and report to County Coroner. 3. County Coroner to contact NAHC to determine MLD. 4. MLD to recommend treatment of remains.	1. Contract documents 2-4. During ground-disturbance activities if human remains are found	1. SBCTA 2. SBCTA Construction Manager 3. County Coroner 4. MLD	1. Record of compliance kept on file at SBCTA 2-4. Record of compliance kept on file at SBCTA	1-4. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	will contact the NAHC, which will designate a Most Likely Descendant (MLD) to offer guidance on the appropriate and respectful treatment and disposition of the remains per California PRC 5097.98. Human remains and any associated artifacts will be left in place and not disturbed. No skeletal remains or materials associated with the remains will be collected or removed until appropriate consultation with the MLD has taken place and a plan of action has been developed. If an MLD cannot be identified, or the MLD fails to make a recommendation regarding the treatment of the remains within 48 hours after being granted access to the project area to examine the remains, SBCTA, in coordination with FTA, shall rebury the Native American human remains and associated grave goods with appropriate dignity on the property in a location not subject to further subsurface disturbance. After the appropriate actions are taken, as outlined above, the excavation work associated with project construction, may resume.						
CI-CR-4	SBCTA will include an environmentally sensitive buffer in the plans and specifications to alert contractors to avoid character-defining features of each built environment historic property. Should any proposed project activities change in a manner that would be expected to cause an impact to character-defining features of the resource, SBCTA will be responsible for consulting with FTA and the State Historic Preservation Officer (SHPO) to develop and apply appropriate treatment measures under the Secretary of the Interior's Standards for the Treatment of Historic Properties, as determined by a qualified Architectural Historian (as defined at 36 CFR 61). No project construction work will occur within 50 feet of any of the character-defining features of the specific historic property in question until agreement has been reached among consulting parties under Section 106.	Cultural and Paleontological Resources Sections 5.2.4 and 5.3.4	1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans. 5. Consult with FTA and SHPO and develop treatment measures.	1. Final design phase 2. Contract documents 3-4. Demolition and construction 6. Alteration of historic property	1. SBCTA Project Architect 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor 5. SBCTA	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite 5. Consultation letters with FTA and SHPO kept on file at SBCTA	1-5. SBCTA
CI-CR-5	Alterations to each of the historic properties will adhere to the Secretary of the Interior's Standards (SOIS) for the Treatment of Historic Properties (36 CFR 68). The Standards provide guidance for making alterations to historic resources, including related landscape features and the building's site and environment. The historic character of each property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a historic property will be avoided. The new work will protect the historic integrity of each historic property and its environment. BMPs will be incorporated to minimize short-term, temporary noise and vibration impacts to each of the following historic properties, with the exception of the National Old Trails Road/Route 66 (see Mitigation Measure CI-NC-2). These include provisions for vibration monitoring by the contractor and having a plan in place before construction begins for the use of alternative equipment and techniques when established thresholds may be exceeded. In addition to the common measures stated above that will applied to the historic properties, additional property-specific measures to minimize harm to these properties are specified	Cultural and Paleontological Resources Sections 5.2.4 and 5.3.4	SBCTA to hire Certified Arborist to propose protective measures for historic date palms at the Jacob Lerch House (541 E. Holt Boulevard). 1. Implement as part of final design. 2. Include in bid and specification package. 3. Monitor to ensure the contractor complies with project plans. 4. Implement project plans. SBCTA to have contractor propose protective measures for historic neon sign at The Grinder Haven (724 W. Holt Boulevard). 1. Implement as part of final design. 2. Include in bid and specification package.	1. Final design phase 2. Contract documents 3. Demolition and construction	1. SBCTA Project Architect 2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	below. Southern Pacific Railroad Depot (100 W. Commercial Street, Pomona) The existing sidewalks at the railroad station property will be connected to the new sidewalk area so as to match pre-project conditions. Any disturbed turf grass and landscaping not used by the project will be replaced to match pre-project conditions in consultation with the property owner, the City of Pomona, during and at the completion of construction. National Old Trails Road/Historic Route 66 (Rancho Cucamonga; Fontana) The affected area of the historic linear property consists of small pavement areas needed to construct bus pads. The removal of historic materials or alteration of features and spaces that characterize a property will be avoided. The new work will protect the historic integrity of the property and its environment. Vince's Spaghetti (1206 W. Holt Boulevard, Ontario) A historic neon sign near the edge of the easternmost driveway will be retained. The driveways will be reconstructed to pre-project conditions in consultation with the property owner during and at the completion of construction. The new work will protect the historic integrity of the property and its environment. Temporarily disturbed surface areas will be returned to pre-project conditions once construction is completed; therefore, the visual changes associated with the project are considered minor, and the project will not substantially alter or destroy any primary views of the historic property. A.C. Moorhead House (961 W. Holt Boulevard, Ontario) The affected area of the historic property consists of the two driveway areas, the front lawn, and landscaping. The two driveways will be reconstructed, and turf grass and landscaping will be replaced. Original landscaping on the property will be retained. The new work will protect the historic integrity of the property and its environment. The Grinder Haven (724 W. Holt Boulevard, Ontario) A historic neon sign near the edge of the property, between the two driveways, will be carefully removed, properly protected and reinstalled on the same parcel and in a similar east-west orientation as at present. The historic sign would be listed as a separate item in the bid and specifications package: "Sign Preservation." The contractor shall minimize the risk of vandalism or theft by instituting appropriate protective measures, including placement of the sign in a secure location monitored by 24-hour video surveillance cameras and/or security personnel. The contract specifications will have explicit language indicating special care be taken during its removal, transfer, placement into temporary storage, and ultimate functional re-establishment on the site, so as to avoid any damage. The contractor shall be required to develop a sign protection plan for approval by FTA. The work, carried out under the supervision of a person meeting the Secretary of the Interior's professional qualifications		3. Submit sign protection plan to FTA for approval. 4. Monitor to ensure the contractor complies with project plans. 5. Implement project plans.				

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	for Historic Architecture found at 36 CFR Part 61, will protect the historic integrity of the property and its environment. Project features will not damage or destroy character-defining materials or features associated with the historic property, or substantially alter or destroy any primary views of the historic property. Access to The Grinder Haven will be maintained at all times during project construction. <u>Jacob Lerch House (541 E. Holt Boulevard, Ontario)</u> The affected area of the historic property consists of a sliver portion, which is currently lawn. Turf grass will be replaced in areas to match pre-project conditions in consultation with the property owner during and at the completion of construction. Two historic Canary Island date palms would be relocated within 8 to 10 feet of their existing location, in parallel fashion. If the certified Arborist determines that their condition would not allow for successful survival, two replacement Canary Island date palms, 17 feet in height, would be installed. In addition, a curb-wall and columns adjacent to the sidewalk will be reconstructed. The new work will protect the historic integrity of the property and its environment, and will be reviewed and approved by a California-licensed Historic Architect. Project features will not be close to the historic residential building, and they will not damage or destroy character-defining materials or any features associated with the historic property, or substantially alter or destroy any primary views of the historic property.						
CI-CR-6	Prepare and implement a Paleontological Monitoring Plan (PMP), which will include the following: • Workers Environmental Awareness Program (WEAP). The WEAP shall be presented to all construction personnel prior to the start of ground-disturbing activities. • Periodic paleontological spot checks shall be conducted by a qualified paleontologist in any location along the alignment where excavation exceeds depths of 5 feet into the younger Quaternary deposits to check for the presence of older, more paleontologically sensitive geologic units (including older Quaternary alluvium). The specific locations where excavation will exceed the 5-foot threshold will be determined once final construction plans are available, and will be included in the PMP. If paleontologically sensitive geologic units are observed during spot checking, full-time monitoring shall be implemented during excavations into the sensitive sediments. The 5-foot depth at which spot checking shall be triggered will initially be implemented, but it shall be modified as needed by the qualified paleontologists, in consultation with SBCTA and FTA, based on the sediment types, depths, and distributions observed during monitoring during the life of the project. • If unanticipated paleontological resources are discovered during project-related activities, work must be halted within 100 feet of the discovery until it can be evaluated by a qualified paleontologist. • Upon completion of ground-disturbing activities, a Paleontological	Cultural and Paleontological Resources Sections 5.2.4 and 5.3.4	1. SBCTA to hire Paleontologist. 2. Paleontologist to prepare PMP and WEAP, and submit to SBCTA for approval. 3. Paleontologist to monitor and conduct field checks during ground-disturbance activities per PMP. 4. Paleontologist to stop work if paleontological resources are found and evaluate the discovery. 5. Prepare PMR.	1-2. Prior to start of ground-disturbance activities 3-4. During ground-disturbance activities 5. After ground-disturbance activities	1. SBCTA 2-5. Paleontologist	1. Record of compliance kept on file at SBCTA 2-4. PMP provided by Paleontologist kept on file at SBCTA. 5. PMR kept on file at jobsite.	1-5. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	Monitoring Report (PMR) shall be prepared and submitted to SBCTA, FTA, and the fossil repository.						
CI-CR-7	In compliance with the City of Ontario's Historic Preservation regulations, the following measures will be implemented to mitigate impacts on the City's locally designated historical resources: 1. Each historic resource shall be fully documented and cataloged pursuant to Historic American Building Survey/Historic American Engineering Record (HABS/HAER) standards, to provide a record of the resource, including but not limited to: (i) preparation of site plans, floor plans, exterior and interior elevations, and detailed drawings of character-defining features (e.g., moldings, stairs); and (ii) photographs of the resource, including interior and exterior character-defining features (e.g., moldings, light fixtures, trim patterns). 2. A mitigation fee established pursuant to Ontario Development Code Section 7.01.030 (Historic Preservation Mitigation Fee) shall be paid to the City prior to the issuance of a demolition permit for Tier III historic resources. Fees for Tier I and II historic resources shall be determined during the EIR process. The fees established for Tier III will be used as a reference point for establishing fees for Tier I and II historic resources. 3. A Certificate of Appropriateness shall not be issued for the demolition of a historic resource, either in whole or in part, until such time that a demolition permit application and a replacement structure have been approved by the City, and appropriate permits have been issued for its construction, unless (i) a waiver is granted pursuant to Subsection H (Replacement Structure Waiver for Historic Resources Located within Industrial Zoning Districts) of Section 4.02.050 of the Ontario Development Code; (ii) a deferral of the replacement structure requirement is granted pursuant to Subsection G (Replacement Structure Deferral) of Section 4.02.050 of the Ontario Development Code; or (iii) demolition is required pursuant to Ontario Development Code Section 7.01.055 (Unsafe or Dangerous Conditions). 4. To preserve features and artifacts from historic resources, a determination of the items within or on the resource that should be salvaged must be made by the Planning Department and may include the local historical society prior to the issuance of the demolition permit. The applicant shall be responsible for the removal, relocation, storage, and donation of such items selected for salvaging, The applicant shall provide an inventory of salvaged items to the Planning Department, and shall include a list of each item name, description, dimension (as necessary), and location of each item on the floor plan.	Cultural and Paleontological Resources Sections 5.2.4 and 5.3.4	1. Prepare HABS/HAER. 2. Pay mitigation fee. 3. Obtain Certificate of Appropriateness. 4.Salvage historic items.	1-4. Prior to demolition or alteration of historic property	1. SBCTA Project Architect 2-3. SBCTA 4. SBCTA Project Architect	1-4. Record of compliance (i.e., HABS/HAER, payment receipt, Certificate of Appropriateness, and inventory of salvaged items) kept on file at SBCTA	1-4. SBCTA
CI-GSS-1	During construction, the appropriate level of inspections and tests shall be performed by a third-party contractor to confirm soil and subsurface conditions within the corridor.	Geology, Soils, Seismicity Sections 5.2.5 and 5.3.5	1. SBCTA to hire a third-party contractor to perform inspections and tests. 2. Monitor to ensure the third-party contractor complies with the requirements.	1.contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager	1. Record of compliance kept on file at SBCTA 2-3. Record of	1-3. SBCTA

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			3. Follow mitigation measure requirement regarding soil testing.		3. Third-party Geotechnical Contractor	compliance kept on jobsite	
CI-GSS-2	Final grading and construction plans shall be reviewed by a qualified geotechnical contractor to confirm that geotechnical recommendations outlined in the *Preliminary Geotechnical Report* were applied to the design and that no additional recommendations are required.	Geology, Soils, Seismicity Sections 5.2.5 and 5.3.5	1. Implement as part of final design. 2. SBCTA to hire a third-party contractor to perform inspections and tests.	1-2. Final design phase	1. SBCTA 2. Third-party Geotechnical Contractor	1-2. Record of compliance kept on file at SBCTA	1-2. SBCTA
CI-HAZ-1	If unexpected groundwater is encountered during construction, groundwater sampling shall be conducted to determine contaminants and contamination levels. If contamination is found, a work plan shall be developed by the project geotechnical engineer to protect the health of construction workers.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. Include in bid and specification package. 2. Monitor to ensure the contractor implements sampling procedures. 3. Implement sampling plan if groundwater is found. 4. Prepare and implement work plan if contamination is present in groundwater.	1. Contract documents 2-3. During excavation activities, if groundwater is found 4. If contamination is present in groundwater	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor 4. Construction Contractor/ Geotechnical Engineer	1. Record of compliance kept on file at SBCTA 2-4. Record of compliance and work plan kept on jobsite	1-4. SBCTA
CI-HAZ-2	A survey shall be conducted to screen for asbestos-containing materials (ACM) and lead-based paint (LBP) prior to demolition of aboveground structures. If ACMs are found, then the Contractor shall comply with SCAQMD Rule 1403 notification and removal process activities at the project site during construction. In addition, disposal of ACMs will comply with local, State, and federal requirements.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. SBCTA to hire Certified Professionals to perform ACM and LBP surveys. 2. Conduct ACM and LBP surveys. 3. Include the requirements in bid and specification package. 4. Monitor to ensure the contractor complies with the requirements. 5. Follow mitigation measure requirement.	1-2. Prior to demolition 3. Contract Documents 4-5. During demolition	1. SBCTA 2. Certified Professionals 3. SBCTA 4. SBCTA Construction Manager 5. Construction Contractor	1-3. Record of compliance kept on file at SBCTA 4-5. Record of compliance kept on jobsite	1-5. SBCTA
CI-HAZ-3	Any hazardous materials or wastes encountered before or during the demolition stage of the project shall be disposed of according to current regulatory guidelines.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Prior to and during demolition	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-HAZ-4	A worker health and safety plan (HSP) that meets the provisions of CCR Title 22, Section 5192, shall be developed by the project Contractor. HSP procedures will address the identification, excavation, handling, and disposal of hazardous wastes and materials that may be found in construction areas.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. Include the requirements in bid and specification package. 2.. Prepare HSP. 2. Monitor to ensure the contractor implements HSP. 3. Implement HSP.	1. Contract documents 2. Prior to the start of demolition and construction 3-4. Demolition and construction	1. SBCTA 2. Construction Contractor 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA

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CI-HAZ-5	A Soil Management Plan shall be developed by the project Contractor that includes soil management requirements if contaminated media is encountered.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. Include the requirements in bid and specification package. 2. Prepare Soil Management Plan. 3. Monitor to ensure the contractor implements Soil Management Plan, if contaminated soils found 4. Implement Soil Management Plan, if contaminated soils found.	1. Contract documents 2. Prior to the start of ground-disturbance activities 3-4. During ground-disturbance activities, if contaminated soils found	1. SBCTA 2. Construction Contractor 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-HAZ-6	If the utility poles that contain creosote-treated wood are removed during the project, the poles shall be managed as treated wood waste (TWW) in accordance with Department of Toxic Substances Control (DTSC) Alternative Management Standards for TWW.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. Include the requirements in bid and specification package. 2. Test utility poles to be removed for creosote. 2. Monitor to ensure the contractor complies with DTSC requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2. Prior to the removal of utility poles 3-4. During the removal of utility poles with creosote	1. SBCTA 2. Construction Contractor 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-HAZ-7	Overhead transformers along Holt Boulevard may contain polychlorinated biphenyls (PCBs). If alteration is required, it shall be managed in accordance with the current regulatory requirement.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. Include the requirements in bid and specification package. 2. Test transformers to be relocated or altered for PCBs. 3. Monitor to ensure the contractor complies with regulations for the handling PCBs. 3. Follow current regulations for the handling PCBs.	1. Contract documents 2. Prior to the alteration/removal of transformers 3-4. During the alteration/removal of transformers with PCBs	1. SBCTA 2. Construction Contractor 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-HAZ-8	Demolition and construction activities, hazardous material abatement activities, and the transport of hazardous materials and wastes shall not be conducted within 200 feet of schools during school hours when school is in session.	Hazardous Waste Sections 5.2.6 and 5.3.6	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-WQ-C1	The Contractor shall implement erosion control BMPs during construction, including: • Limitation of construction access routes and stabilization of cleared access points; • Stabilization of cleared excavated areas by providing vegetative buffer strips and plastic coverings, and applying ground base on areas to be paved; • Protection of adjacent properties by installing sediment barriers or filters, or vegetative buffer strips;	Hydrology, Water Quality, and Floodplains Sections 5.2.7 and 5.3.7	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirements, as included in the SWPPP.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA

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	• Stabilization and prevention of sediments from surface runoff from discharging into storm drain outlets; and • Use of sediment control and filtration to remove sediment from water generated by dewatering, if required.						
CI-WQ-C2	The Contractor shall follow the guidelines and regulations established by the CGP for Discharges Associated with Construction Activities, Order No. 2009-0009-DWQ, amended by Order 2010-0014-DWQ and Order 2012-0006-DWQ (Construction General permit [CGP]). In addition, an SWPPP will be prepared and implemented, which will identify BMPs to minimize erosion and ensure the proper handling and storage of materials that may have the potential to affect water quality. During construction, materials will be stored properly in upland locations to avoid affecting the receiving waters. The SWPPP will also include a Construction Site Monitoring Program, which will be based on the project's risk level to ensure that the implemented BMPs are effective and prevent any discharge that will result in exceeding any water quality standard. Implementation of BMPs will include the following measures to reduce potential construction-related events that could impact water quality: • Implementation of proper vehicle and equipment cleaning, fueling, and maintenance practices; • Control and prevention of the discharge of all potential pollutants (e.g., petroleum products, solid wastes, construction chemicals); and • Implementation of federal, State, and local policies regarding hazardous materials use, storage, and transport and hazardous materials mitigation measures. A contingency plan shall be prepared before construction to address construction-related spills and pollutant discharges.	Hydrology, Water Quality, and Floodplains Sections 5.2.7 and 5.3.7	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with SWPPP requirements. 3. Follow requirements in SWPPP.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-WQ-C3	If dewatering is required, the Contractor shall follow the requirements specified in the NPDES permit for discharges to surface water that pose an insignificant *(de minimis)* threat to water quality, from either the Santa Ana Regional Water Quality Control Board (RWQCB) per Order No. R8-2005-0041 (NPDES No. CAG998001) or the Los Angeles RWQCB under Order No. R4-2013-0095 (NPDES No. CAG994004).	Hydrology, Water Quality, and Floodplains Sections 5.2.7 and 5.3.7	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with NPDES dewatering requirements. 3. Implement NPDES dewatering requirements, if groundwater is present.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-FP-1	Provide positive drainage during construction and refrain from filling designated floodplains.	Hydrology, Water Quality, and Floodplains Sections 5.2.7 and 5.3.7	1. Incorporate BMPs into final design. 2. Include BMPs in the Storm Water Data Report in bid and specification package. 3. Monitor to ensure the contractor implements BMPs. 4. Implement BMPs in the Storm Water Data Report.	1. Final design phase 2. Contract documents 3-4. Demolition and construction	1-2. SBCTA 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-FP-2	Include erosion control and water quality protection during in-river	Hydrology,	1. Incorporate erosion control and water	1. Final design phase	1-2. SBCTA	1-2. Record of	1-4. SBCTA

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	construction and post-construction as identified in the Storm Water Data Report prepared for this project.	Water Quality, and Floodplains Sections 5.2.7 and 5.3.7	quality BMPs into final design. 2. Include erosion control and water quality BMPs in the Storm Water Data Report in bid and specification package. 3. Monitor to ensure the contractor implements erosion control and water quality BMPs. 4. Implement erosion control and water quality BMPs in the Storm Water Data Report.	2. Contract documents 3-4. Demolition and construction	3. SBCTA Construction Manager 4. Construction Contractor	compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	
CI-FP-3	Limit construction activities between October and May to those actions that can adequately withstand high flows and entrainment of construction materials. The Contractor shall prepare a Rain Event Action Plan (REAP) and discuss high flows mitigation.	Hydrology, Water Quality, and Floodplains Sections 5.2.7 and 5.3.7	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement, including preparing a REAP.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-TRA-1	SBCTA or its contractor shall prepare a Traffic Management Plan (TMP) in cooperation with local municipalities prior to construction. The TMP will be submitted with the construction plan to the police and fire departments of affected cities prior to commencement of construction activities. The TMP will outline necessary street closures and detours. A restriction on large size trucks shall be imposed to confine travel to and from the construction site during off-peak commute times. If temporary blockage of bicycle lanes is necessary, a bicycle detour lane with barriers or the latest bicycle detour standard per the California MUTCD or other City-approved standard will be included in the TMP at each station location during construction to ensure no interruption to the bicyclists. Similarly, for pedestrians, a sidewalk detour, rerouting pedestrians to an alternative sidewalk path or a sidewalk diversion, which provides a protected pathway near, but safely away from the station construction, would be included in the TMP, used in accordance with the California MUTCD or other City-approved standard. Signs will be posted to direct bicyclists and pedestrians to intersections where they may cross.	Traffic and Transportation Sections 5.2.9 and 5.3.9	1. Include the requirements in bid and specification package 2. Prepare TMP. 3. Monitor to ensure the contractor complies with the requirements in TMP. 4. Implement measures and terms in TMP.	1. Contract documents 2. Prior to demolition and construction 3-4. Demolition and construction	1. SBCTA 2. Construction Contractor 3. SBCTA Construction Manager 4. Construction Contractor	1-2. Record of compliance kept on file at SBCTA 3-4. Record of compliance kept on jobsite	1-4. SBCTA
CI-TRA-2	Business access shall be maintained at all times during construction, and work will be scheduled to avoid unnecessary inconvenience to the public and abutting property owners. Undue delays in construction activities will be avoided to reduce the public's exposure to construction.	Traffic and Transportation Sections 5.2.9 and 5.3.9	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor complies with the requirements. 3. Follow mitigation measure requirement.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-NC-1	The Contractor shall implement the following control measures, as applicable, to minimize noise disturbances at sensitive areas during construction:	Noise and Vibration Sections 5.2.10	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor	1. Contract documents 2-3. Demolition and	1. SBCTA 2. SBCTA Construction	1. Record of compliance kept on file at SBCTA	1-3. SBCTA

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EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	• All equipment shall have sound-control devices no less effective than those provided on the original equipment. Each internal combustion engine used for any purpose on the job or related to the job shall be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine shall be operated on the jobsite without an appropriate muffler. • Construction methods or equipment that will provide the lowest level of noise impact (e.g., avoid impact pile driving near residences and consider alternative methods that are also suitable for the soil condition) shall be used. • Idling equipment shall be turned off. • Truck loading, unloading, and hauling operations shall be restricted through residential neighborhoods to the greatest possible extent. • Temporary noise barriers shall be used, as necessary and practicable, to protect sensitive receptors against excessive noise from construction activities. • Newer equipment with improved noise muffling shall be used, and all equipment items shall have the manufacturers' recommended noise abatement measures (e.g., mufflers, engine covers, and engine vibration isolators) intact and operational. All construction equipment shall be inspected at periodic intervals to ensure proper maintenance and presence of noise-control devices (e.g., mufflers and shrouding). • Construction activities shall be minimized in residential areas during evening, nighttime, weekend, and holiday periods. Coordination with each city shall occur before construction can be performed in noise-sensitive areas. • Construction lay-down or staging areas shall be selected in industrially zoned districts. If industrially zoned areas are not available, commercially zoned areas may be used, or locations that are at least 200 feet from any noise-sensitive land use (e.g., residences). • Perform noise and vibration monitoring during construction. The Contractor shall perform independent monitoring to check compliance in particularly sensitive areas. Contractors must modify and/or reschedule construction activities if monitoring determines that maximum limits are exceeded at residential land uses.	and 5.3.10	implements the noise control measures. 3. Follow mitigation measure requirements.	construction	Manager 3. Construction Contractor	2-3. Record of compliance kept on jobsite	
CI-NC-2	The Contractor shall implement the following control measures, as applicable, to minimize the potential impacts from construction vibration: • Hours of vibration-intensive activities, such as vibratory rollers, shall be restricted to minimize adverse impacts to the residents (e.g., weekdays during daytime hours only). • When possible, the use of construction equipment that creates high vibration levels, such as vibratory rollers operating within 20 feet of commercial buildings, within 26 feet of residential buildings, and within	Noise and Vibration Sections 5.2.10 and 5.3.10	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor implements the vibration control measures. 3. Follow mitigation measure requirements.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA

Table 2. Mitigation Measures, Implementation, Scheduling, and Reporting (Construction Phase)

EIR/EA Mitigation Measure No.	Avoidance, Minimization, and/or Mitigation Measures	Impact Category/ Section in Final EIR/FONSI	Implementation Tasks	Schedule of Implementation	Implementation Responsibility	Record of Implementation	Verification and Record Keeping
	36 feet of sensitive land uses, such as historic properties, shall be limited. • Contractors will be required to have a plan in place to use alternative procedures of construction, selecting the proper combination of equipment and techniques to generate the least overall vibration, in those cases where vibration from construction activities would exceed the established thresholds for buildings susceptible to vibration damage. • Conduct a preconstruction building inspection/survey to document the preconstruction condition of building structures that are located within approximately 30 feet of planned construction activities that could generate high vibration levels (e.g., activities associated with vibratory rollers). • Conduct vibration monitoring at nearest buildings (within approximately 30 feet of activity) during vibration-intensive construction activities. • To the extent practicable, construction activities near the school would be scheduled outside of school hours.						
CI-PS-1	Contractor shall coordinate with the traffic departments of the cities of Pomona, Montclair, Ontario, Rancho Cucamonga, and Fontana and with all corridor emergency service providers in developing detour routes and other traffic handling plans to be used during the construction period.	Public Services and Utilities Sections 5.2.14 and 5.3.14	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor coordinates with the traffic departments and emergency service providers of the affected cities. 3. Coordinate with the traffic departments and emergency service providers of the affected cities.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA
CI-PS-2	Contractor shall provide advance notice of all construction-related street closures and detours to the affected local jurisdictions, community groups, emergency service providers, and motorists.	Public Services and Utilities Sections 5.2.14 and 5.3.14	1. Include the requirements in bid and specification package. 2. Monitor to ensure the contractor provides the required advance notices. 3. Provide the required advance notices.	1. Contract documents 2-3. Demolition and construction	1. SBCTA 2. SBCTA Construction Manager 3. Construction Contractor	1. Record of compliance kept on file at SBCTA 2-3. Record of compliance kept on jobsite	1-3. SBCTA

EXHIBIT A

MITIGATION MONITORING REPORT FORM

MITIGATION MONITORING REPORT

SECTION 21081.6 PUBLIC RESOURCES CODE

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY **1170 WEST THIRD STREET, 2ND FLOOR** **SAN BERNARDINO, CA 92410**	**MITIGATION NO.____** Page ____ of ____
Project **West Valley Connector Project**	Location

Mitigation Description:	Implementation Responsibility:	
Implementation Task:	Implementation Schedule:	
Record of Implementation:	Start Date	Complete Date
Remarks:		

The information contained in this report is an independent evaluation based on my personal observations and information provided to me. In accordance with Section 21081.6 of the California Public Resources Code, I hereby certify that the information contained herein is true and correct to the best of my knowledge.

Name of Person Completing Form _____ Title _____

Signature _____ Date Signed _____

VERIFICATION:

Form Received by: _____ Signature: _____

Title: _____ Department/Division: _____ Date Rec'd: _____

Compliance Acceptance: ☐Yes ☐ No	Mitigation Completed: ☐Yes ☐ No

Attach additional sheets if necessary.