

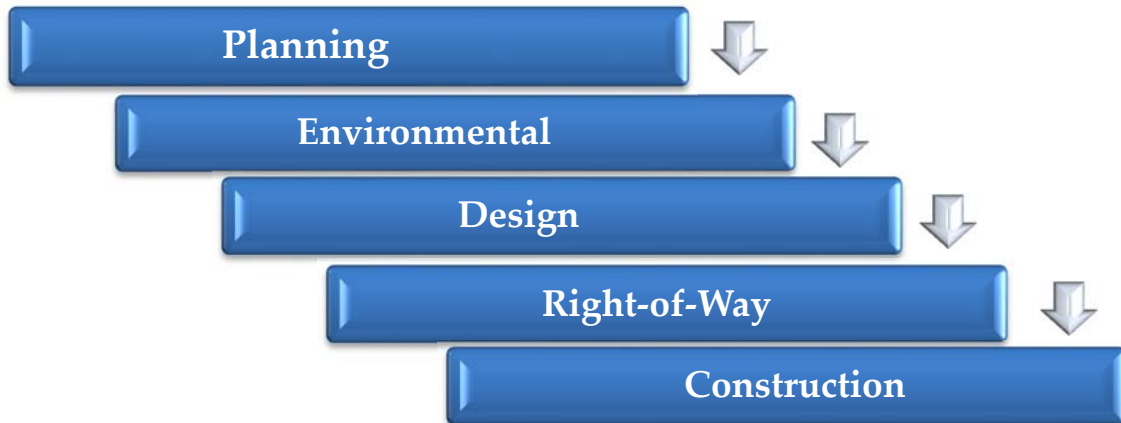
San Bernardino County Transportation Authority  
MAJOR PROJECTS  
**PROJECT STATUS REPORT**  
October – December 2022

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## ORDER OF PROJECT DELIVERY




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- 4 Special Projects

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#### **Corridor**

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- |    |  |                  |        |
|----|--|------------------|--------|
| 5  | I-10 Corridor (Contract 1)                                   | Design-Build/ROW | I-10   |
| 6  | I-10 Corridor (Contract 2)                                   | Design/ROW       | I-10   |
| 7  | I-10 EB Truck Climbing Lane                                  | Design/ROW       | I-10   |
| 8  | SR-210 Lane Addition   | Construction     | SR-210 |
| 9  | I-15 Corridor Freight and Express Lanes Project (Contract 1) | Design/ROW       | I-15   |
| 10 | I-215 Bi-County Landscaping                                  | Design           | I-215  |
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| 13 | US-395 Widening Project Phase 2                              | Design           | US-395 |
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#### **Interchange Projects**

- |    |                            |              |       |
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| 16 | SR-60 / Archibald Avenue   | Close Out    | SR-60 |
| 17 | I-10 / Cedar Avenue        | Design/ROW   | I-10  |
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**(Continued)**

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	<b><u>Project Name</u></b>	<b><u>Phase</u></b>	<b><u>Corridor</u></b>
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20	I-10 / University Street	Construction	I-10
21	SR-210 / Pepper Avenue	Close Out/Landscape	SR-210
22	SR-210 / Base Line	Construction	SR-210
23	I-15 / I-215 Improvement (Devore)	Close Out	I-15 & I-215
24	I-215 / Barton Road	Close Out/Landscape	I-215
25	I-215 / University Parkway	Design/ROW	I-215
26	SR-210 Waterman Avenue	Environmental	SR-210
<b>Grade Separation Projects</b>			
27	Monte Vista and UPRR	Close Out	Local Streets
28	Mount Vernon Avenue Viaduct	Design-Build/ROW	Local Streets
29	North First Avenue Bridge over BNSF	Design/ROW	Local Streets
<b>Special Projects</b>			
30	Metrolink ATP (Phase II)	Design	Local Streets

**Note:** "Board Approved Funding" amounts at the start of each project reflect the latest approved 10-Year Delivery Plan amounts. The 10-Year Delivery Plan amounts by phase are superseded as cooperative agreements are approved and executed.

## **PROJECT STATUS -DEFINITIONS-**

**Complete for Beneficial Use:** Satisfactory completion of the project's stated purpose to allow public use of facilities without restrictions.

**Construction:** Project phase after Construction Notice to Proceed (NTP) through end of Project.

**Closeout:** Construction complete and completing formal close out of all contracts.

**Board Approved Funding:** Funding approved by the SBCTA Board, which supersedes the funding approved in the 10-Year Delivery Plan.

**Design & ROW:** Project phase after Project Report (PR) Approval and before Construction NTP.

**"Early":** Work along a Mainline or Segment that is performed first to assist execution of a major project.

**EEP:** Establish Existing Planting

**End of Project:** Final completion of all construction activities and formal Close Out of construction contracts and ROW activities.

**Environmental Clearance:** Project phase after Project Initiation Document (PID) approval. Includes development of Project Approval (PA) documentation, and Environmental Documents (ED).

**Final Design Approved:** Completion of all design activities and environmental certifications and ROW.

**Grade Separation:** Work to change elevations of road and/or rail intersections to expedite traffic flow.

**HOV:** High Occupancy Vehicle (i.e. car pool).

**Interchange:** Connectors between Interstates and/or major roads.

**Interstate Highway:** Federally monitored high speed roads.

**Local Streets:** State/City owned and maintained streets.

**Mainline:** Interstate freeway corridor project that is new and/or widened (added lanes - general purpose, HOV, auxiliary, etc.).

**NTP:** Notice to Proceed.

**Planning:** Project phase after Start of Project and before Project Study Report (PSR) Approval.

**Preliminary Engineering:** Part of the Environmental Clearance phase that includes the design effort required to sufficiently define the project's alternatives and support the development of the Environmental Documentation (ED). Completion of preliminary engineering will approximate 30% of the overall design effort of the project.

**Project Initiation Document (PID):** Report documenting the early scoping definition of a project used to determine viability of proceeding with Preliminary Engineering and Environmental approvals, project alternatives and preliminary project costs by phase.

**Project Report (PR):** Report documenting the Preliminary Engineering (up to 30% of Design) to recommend the preferred alternative used for Project Approval (PA). All Environmental Documentation (ED) is contained in this report.

**PS&E:** Development of the final Plans, Specifications and Estimates for use in bidding the construction.

**Right-of-Way (ROW):** Identification, appraisal and purchase of required land parcels for the project. Also includes the right of possession of land through condemnation. ROW Certification is a prerequisite for Construction bidding.

**RTL:** Ready to List.

**Segment:** A specified portion of an Interstate freeway corridor project that is widened (added lanes - general purpose, HOV, auxiliary, etc.).

**Sound Walls:** Self supported walls that are of sufficient height to reduce roadway noise to an acceptable level.

**Start of Project:** Board action to begin project.

**Utility Relocation:** Modification of all utilities (i.e. Electrical, Gas, Water, Sewer, Communications, etc.) to alleviate conflicts with project's construction or use. Utility Certification is a prerequisite for Construction bidding.

## **PROJECT STATUS**

### **-FUNDING PROGRAM DESCRIPTIONS-**

#### **FEDERAL**

- ARRA – American Recovery and Reinvestment Act
- ATP – Active Transportation Program
- CMAQ – Congestion Mitigation & Air Quality Program
- DEMO – Demonstration Project
- EARREPU – Earmark Repurposing Fund
- HBP – Highway Bridge Program
- IMD – Interstate Maintenance Discretionary
- PNRS – Project of National & Regional Significance
- STP – Surface Transportation Program
- TE – Transportation Enhancement
- TEA – Transportation Enhancement Activity
- TIFIA – Transportation Infrastructure Finance and Innovation Act
- TIGER – Transportation Investment Generating Economic Recovery

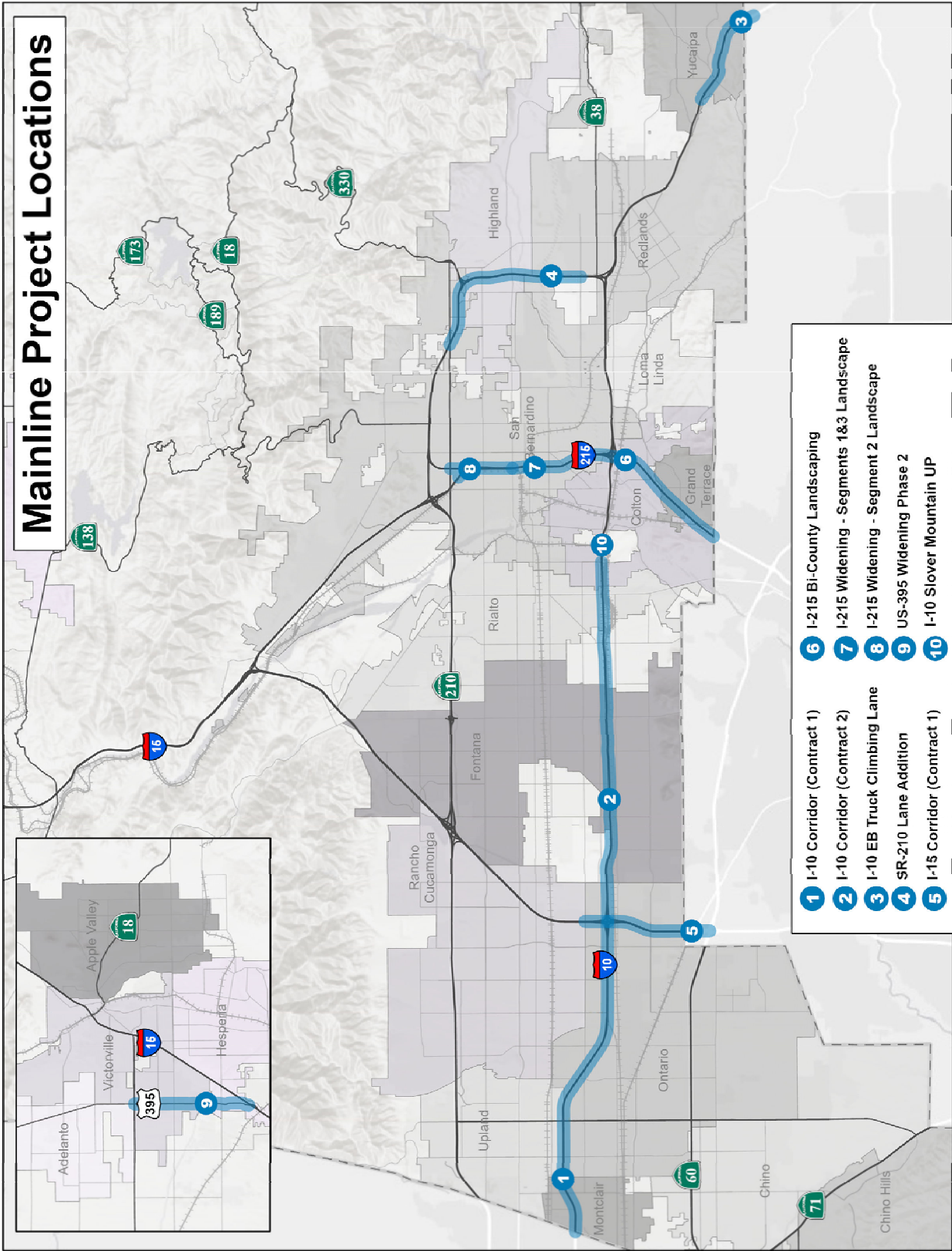
#### **STATE**

- CMIA – Corridor Mobility Improvement Account
- ITIP – Interregional Transportation Improvement Program
- IIP – Interregional Improvement Program
- LPP – Local Partnership Program (Senate Bill 1)
- PUC – Public Utilities Commission
- RIP – Regional Improvement Program
- SHOPP – State Highway Operation and Protection Program
- SLPP – State Local Partnership Program
- STIP – State Transportation Improvement Program
- TCEP – Trade Corridor Enhancement Program (Senate Bill 1)
- TCIF – Trade Corridor Improvement Fund
- TCRP – Traffic Congestion Relief Program
- TLSP – Traffic Light Synchronization Program

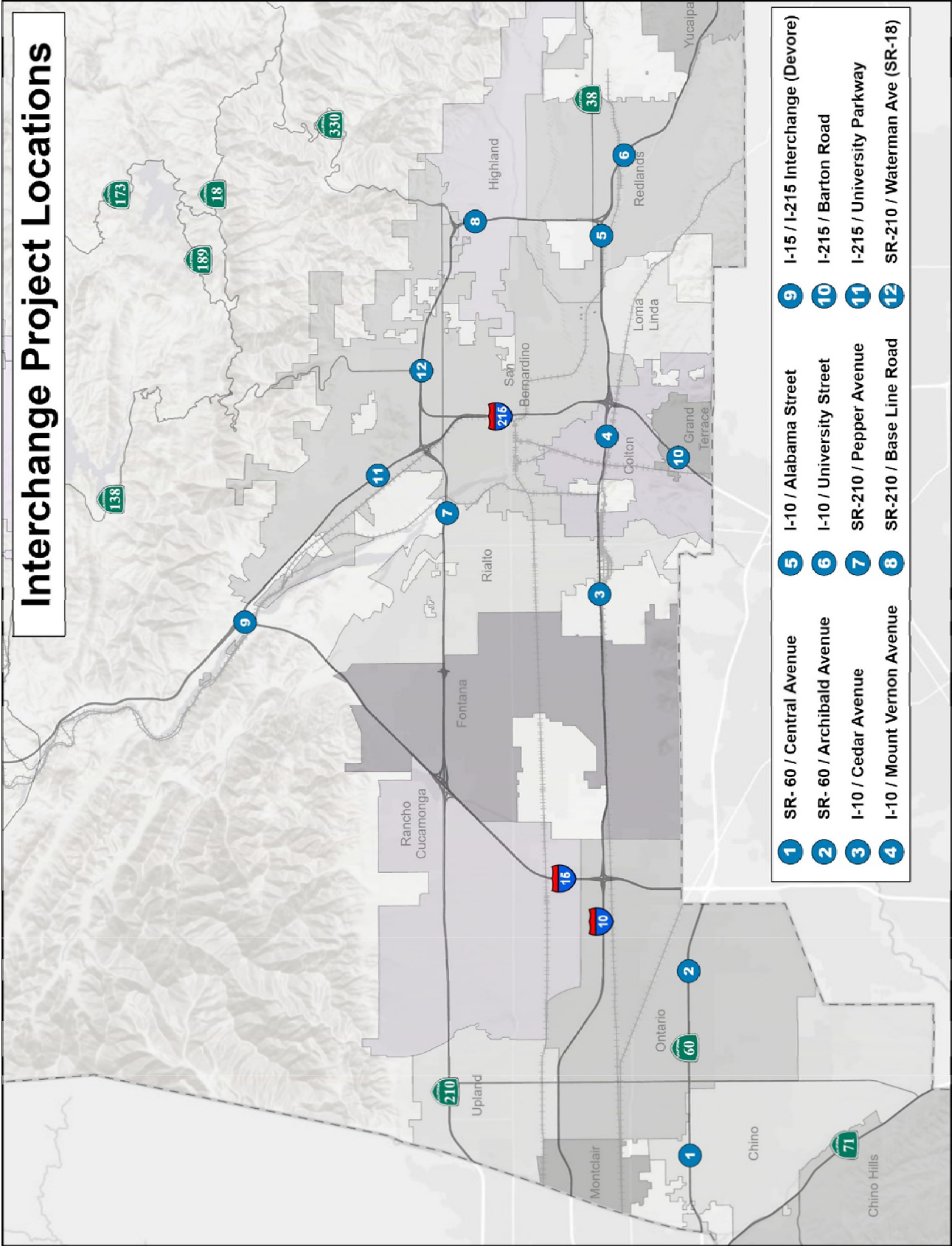
#### **LOCAL**

- DIF – Developer Impact Fees
- IVDA – Inland Valley Development Agency
- TDA – Transportation Development Act
- WVWD – West Valley Water District

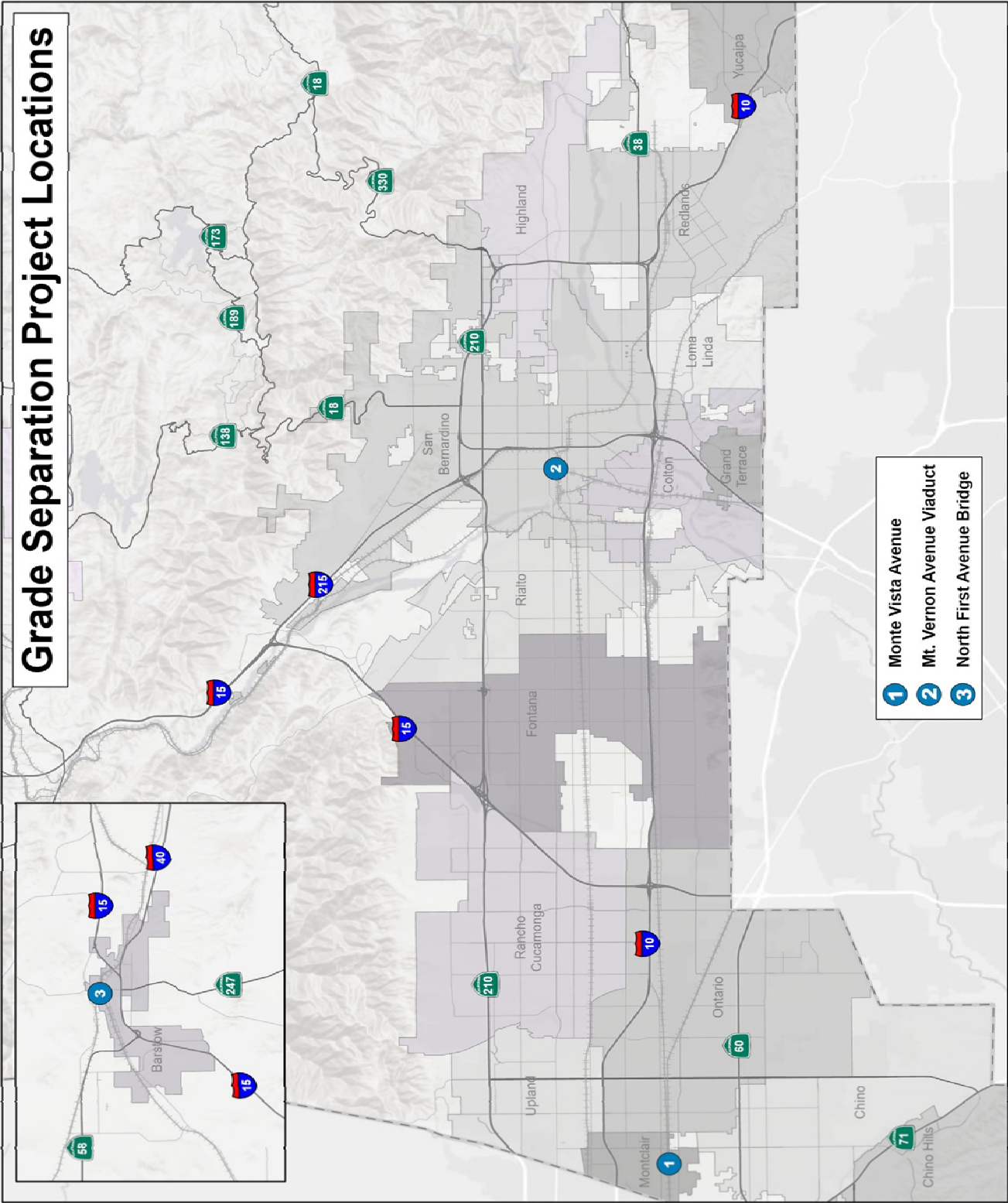
# PROJECT LOCATION MAP MAINLINE PROJECTS



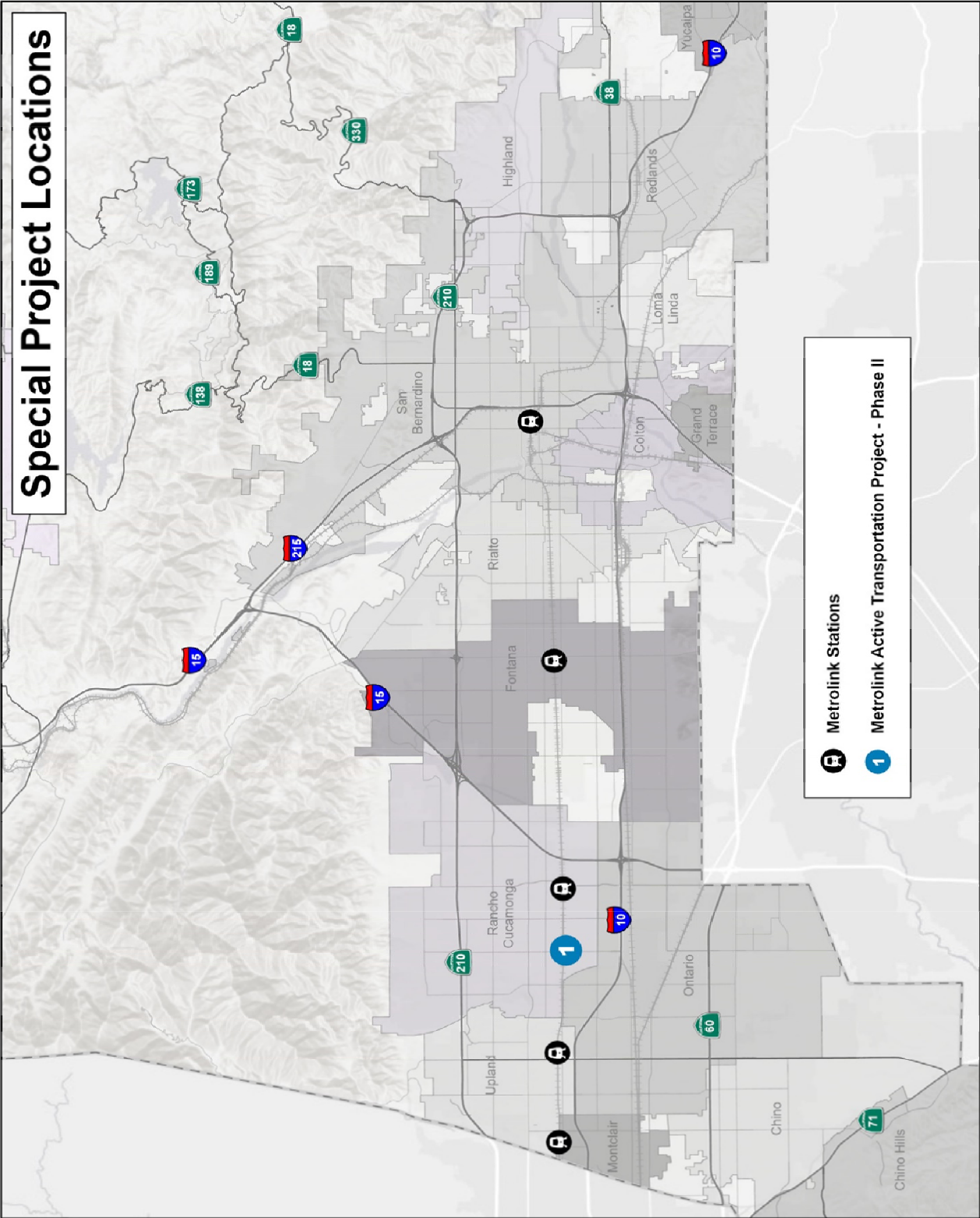
# PROJECT LOCATION MAP INTERCHANGE PROJECTS



PROJECT LOCATION MAP  
SPECIAL PROJECTS



PROJECT LOCATION MAP  
SPECIAL PROJECTS



## I-10 CORRIDOR FREIGHT AND EXPRESS LANE PROJECT (Contract 1)

### Map of Project:



### Project Scope Summary:

This project provides express lanes along the I-10 in each direction from the Los Angeles County line to I-15, approximately 10 miles.

### Project Status and Continuing Activities:

- Design Builder final design and field investigation work for utilities and geotechnical work are complete.
- Toll System Provider NTP 2 work began in February 2019 Toll system final design was completed in July 2022 and Factory Acceptance Testing (FAT) was completed in September 2022 .
- ROW acquisition of all required properties to facilitate construction are acquired in Montclair, Upland, and Ontario.
- Utility relocation work continues throughout the corridor at various locations along I-10 performed either by LSPJV or third party other Utility Owners.
- I-10 Mainline widening construction work continues between Los Angeles County line to Etiwanda Avenue (12 miles), including bridge reconstruction at Euclid, Campus, Monte Vista, 4<sup>th</sup> Street, 6<sup>th</sup> Street, Vineyard, Holt Boulevard, and other bridges. Sultana Avenue bridge construction is completed. Upcoming construction will include San Antonio Avenue bridge demolition and reconstruction.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Jul 2007
Project Initiation Document (PID) Approved (by others)	Jun 2005
Environmental Clearance (PA/ED)	Jul 2017
Construction NTP 1 Design Build	Sep 2018
Construction NTP 2	Mar 2019
Complete for Beneficial Use	[May 2024]
End of Project	[Aug 2027]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	-Caltrans-
Project Report EIR	\$8,815
Final Design	\$44,246
ROW	\$47,810
Construction	\$848,038
Total	\$948,909

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal – CMAQ/STP	\$280,973
Federal – TIFIA	\$225,000
State SHOPP	\$117,755
Measure I/City	\$156,463
State STIP/RIP	\$39,745
State TCIF	\$4,973
State LPP	\$6,169
TCEP	\$117,831
Total	\$948,909

Board Approved Funding: \$948,909,000

### Project Notes of Interest:

- Staff continues close coordination with the Cities of Ontario, Montclair and Upland to execute the Freeway Maintenance Agreements and coordinate project reviews and construction permits.
- Final project costs approved in June 2018 includes cost of Caltrans SHOPP work and local interchange and arterial improvements.

### Lead Agency:

SBCTA

### Project Manager:

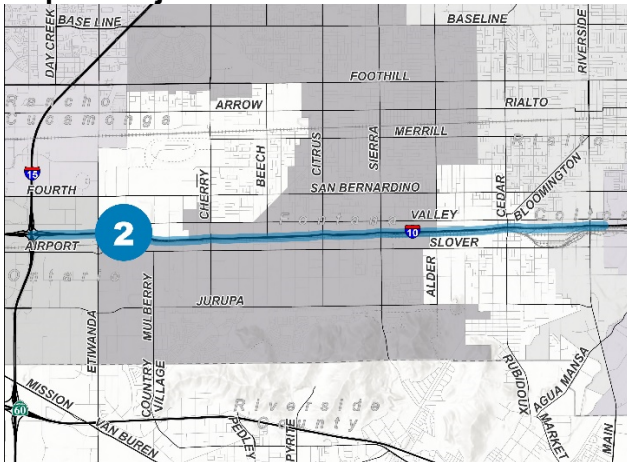
Chad Costello (909) 884-8276  
ccostello@gosbcta.com

### Public/Media Contact:

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## I-10 CORRIDOR FREIGHT AND EXPRESS LANE PROJECT (Contract 2)

### Map of Project:



### Project Scope Summary:

This project provides a single express lane, in each direction, along the I-10 from the Interstate 15, in the City of Ontario, to Pepper Avenue, in the City of Colton, a length of approximately 11 miles, connecting to the I-10 Corridor Contract 1 express lanes currently under construction.

### Project Status and Continuing Activities:

- The Project will be delivered as a traditional methodology (Design-Bid-Build), including the Toll Collection System Design Elements. The design consultant has been selected and was awarded a design contract at the July 6, 2022 Board meeting.
- To expedite Project delivery, the Project will be divided into two segments: Segment 2A from Interstate 15 to Sierra Avenue and Segment 2B from Sierra Avenue to Pepper Avenue.
- The design work will take about one and a half years to complete, resulting in a final design package to advertise for construction in April 2024 for Segment 2A and late 2024 for Segment 2B.

### Project Notes of Interest:

- Project will improve eastbound acceleration lanes between Cherry Ave and Citrus Ave and Sierra Ave to Cedar Ave; and add auxiliary lanes in both directions from Riverside Ave to Pepper Ave.
- Project includes interchange ramp modifications at Etiwanda Avenue; Cherry Avenue; Citrus Avenue; Sierra Avenue; Cedar Avenue; Riverside Avenue; and Pepper Avenue.
- Project will include structure widening, replacement, or abandonment at Day Creek Channel (widen); Etiwanda Wash (widen); Valley Blvd Exit Ramp Undercrossing (widen); Etiwanda-San Sevaine Channel (widen); Etiwanda-San Sevaine Channel Ramp (replacement); Kaiser Spur Overhead (widen); San Sevaine Creek (abandonment); and Mulberry Creek (abandonment).

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	Jul 2007
Project Initiation Document (PID) Approved (by others)	Jun 2005
Environmental Clearance (PA/ED)	Jul 2017
Final Design Approved (RTL), Segment 2A / 2B	[Apr 2024 / Nov 2024]
Construction NTP Segment 2A / 2B	[Sep 2024 / Apr 2025]
Complete for Beneficial Use	[Nov 2027]
End of Project	[Nov 2030]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Study Report	-Caltrans-
Project Report/EIR	\$8,815
Final Design	\$71,000
ROW	\$6,000
Construction	\$710,185
Total	\$796,000

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Measure I	\$529,809
State STIP	\$54,242
State STIP-CRRSAA	\$11,949
State STP	\$20,000
TCEP	\$85,000
Unfunded	\$95,000
Total	\$796,000

Board Approved Funding: \$796,000,000

**Lead Agency:** SBCTA

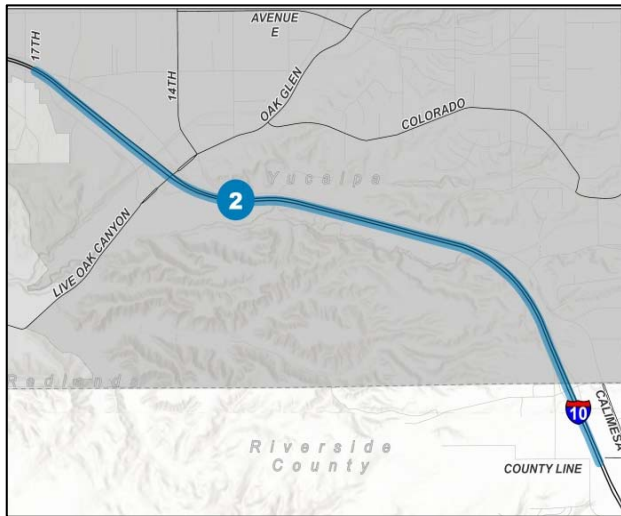
**Project Manager:** Heng Chow (909) 884-8276  
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**Public/Media Contact:** Tim Watkins (909) 884-8276  
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SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY  
PROJECT DELIVERY – HENRY STULTZ, DIRECTOR  
PROJECT STATUS – DECEMBER 2022

## I-10 EASTBOUND TRUCK CLIMBING LANE

### Map of Project:



### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Oct 2015
Project Initiation Document (PID) Approved	Jun 2017
Environmental Clearance (PA/ED)	Nov 2020
Final Design Approved (RTL)	Nov 2022
Construction Notice to Proceed	[Aug 2023]
Complete for Beneficial Use	[Nov 2024]
End of Project	[Nov 2025]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report and Env Document	\$2,464
Final Design	\$3,348
ROW	N/A
Construction Capital	\$29,946
Total	\$35,758

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
State-TCEP Delivery Plan	\$24,074
Measure I	\$8,577
State - STIP/RIP	\$2,890
TBD	\$217
Total	35,758

Board Approved Funding: \$35,541,000

### Project Scope Summary:

This project will add a truck climbing lane from west of the 16<sup>th</sup> Street Bridge in the City of Yucaipa to just east of the County Line Road Bridge at the San Bernardino County and Riverside County line.

### Project Benefit:

The addition of a truck climbing lane will separate slow moving trucks that are climbing the steep grade along the project from the general traffic lanes.

### Project Status and Continuing Activities:

- The project achieved the Ready to List (RTL) milestone in November 2022.
- Environmental regulatory permits for construction activities have been approved.
- An Invitation for Bids (IFB) is being prepared to be released subject to fund allocation by the California Transportation Commission (CTC).

### Project Notes of Interest:

- The project will use \$2.9M of STIP/RIP funds for the final design phase. Approximately \$24M of State Transportation Corridor Enhancement Program (TCEP) funds were awarded for the construction phase of the project.
- The project is being designed to integrate with a recent State Highway Operations and Protection Program (SHOPP) pavement rehabilitation project that was just completed. Coordination between both projects led to an estimated overall cost savings from the initial concept estimate of \$45 million.

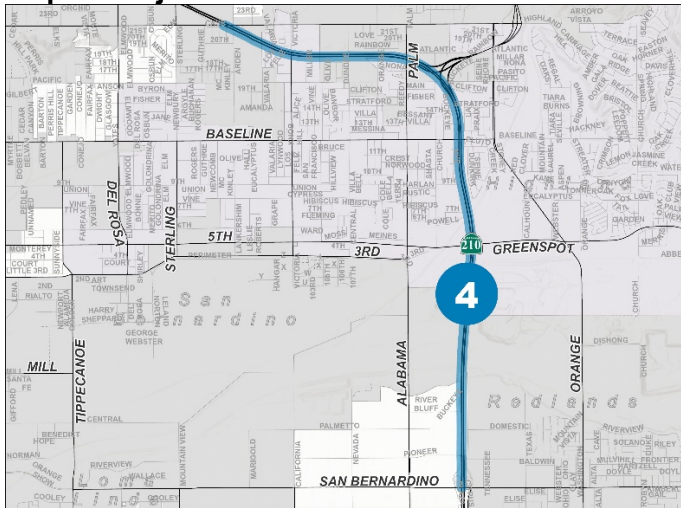
**Lead Agency:** SBCTA

**Project Manager:** Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

# SR-210 LANE ADDITION – HIGHLAND AVENUE TO SAN BERNARDINO AVENUE

## Map of Project:



## Project Scope Summary:

This gap closure project includes the addition of one general purpose lane in each direction within the median of SR-210 generally between Highland Avenue in the City of San Bernardino and San Bernardino Avenue in the City of Redlands. Pavement rehabilitation (rehab) work will also occur along this section of the corridor in select locations.

## Project Benefit:

The improvements will decrease congestion during peak traffic periods and improve traffic operations with elimination of the lane drop in each direction. The project will also replace existing asphalt pavement with longer life concrete pavement and replace pavement sections in poor condition.

## Project Status and Continuing Activities:

- The Construction contract was awarded by the SBCTA Board in November 2019.
- Construction began in February 2020 and is scheduled to be Complete for Beneficial Use May 2023
- Construction is 80% complete through December with ongoing pavement rehabilitation along the corridor and most of the mainline widening completed.

## Project Notes of Interest:

- As the SR-210 Lane Addition and SR-210 Base Line Interchange projects align geographically and share similar delivery schedules, they have been combined for the design, right-of-way, and construction phases to save cost and schedule.
- Caltrans pavement rehab work has been added to this project's scope and funding (SHOPP) which includes new concrete pavement between 5<sup>th</sup> Street and Lugonia Avenue.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	2011
Project Initiation Document (PID) Approved (by Caltrans)	May 2008
Environmental Clearance (PA/ED)	Jan 2017
Final Design Approved (RTL)	Apr 2019
Construction Notice to Proceed	Feb 2020
Complete for Beneficial Use	[May 2023]
End of Project	[Jan 2028]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	Caltrans
Project Report	\$3,093
Final Design	\$12,856
ROW	\$5,767
Construction	\$150,916
Total	\$172,632

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
State SHOPP	\$42,121
State STIP/RIP	\$25,000
Measure I	\$120,284
TBD	\$(14,773)
Total	\$172,632

Board Approved Funding: \$187,405,000

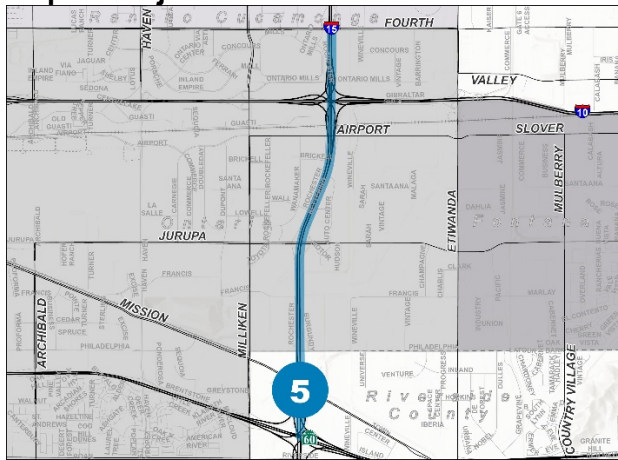
**Lead Agency:** SBCTA

**Project Manager:** Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

# I-15 CORRIDOR FREIGHT AND EXPRESS LANES PROJECT (Contract 1)

## Map of Project:



### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Oct 2012
Project Initiation Document (PID)	Sept 2014
Environmental Clearance (PA/ED)	Dec 2018
Final Design Approved (RTL)	[Aug 2023]
Construction NTP	[Jan 2024]
Complete for Beneficial Use	[May 2026]
End of Project	[Nov 2029]

### Budgetary Estimate At Completion (\$000's)

Cost Item	Amount
Project Report and Env Document	\$12,673
Final Design	\$29,409
ROW	\$2,704
Construction	\$343,298
Total	\$388,084

### Funding Estimate At Completion (\$000's)

Funding Source	Amount
Measure I	\$119,941
TCEP	\$118,739
STIP/RIP	\$72,274
LPP (Formula) SB1	\$11,554
CMAQ	\$12,934
TBD	\$52,642
Total	\$388,084

Board Approved Funding: \$335,442,000

## Project Scope Summary:

Addition of auxiliary lanes to improve freight corridor movement and addition of two express lanes in each direction on the I-15 from south of SR-60 to about Foothill Boulevard.

## Project Benefit:

Improve freight corridor movement and provide reliable travel times, manage traffic, and increase capacity.

## Project Status and Continuing Activities:

- The Environmental Document (ED) was approved in December 2018. The environmental revalidation for Contract 1 is currently under review by Caltrans.
- This Contract 1 Project will be the first construction package for the I-15 Express Lanes corridor. The construction packages for portions north of Foothill Boulevard will be developed in the future based on funding considerations.
- Final design work is ongoing with current activities consisting of traffic revalidation analysis, initial and final structures design and reviewing 100% plans, specifications, and estimate.
- The Construction Management firm was selected and approved by the Board of Directors on August 11, 2022.
- Construction and Maintenance Agreements with Union Pacific Railroad and the Southern California Regional Rail Authority are in the process of being finalized.
- Coordination with RCTC is ongoing regarding the interface between the Riverside County portion of work and the San Bernardino County portion and appropriation of costs.
- Coordination with Caltrans to develop the Construction Cooperative Agreement.
- Coordination with Brightline West High Speed Rail from Rochester Overhead to Etiwanda Undercrossing to ensure project compatibility with Contract 1.

## Project Notes of Interest:

- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.
- Final design contract was awarded at September 2020 Board meeting.
- SBCTA received \$119 million in Trade Corridor Enhancement Program (TCEP) grant funds in December 2020.
- Full funding plan based on 10 Year Delivery Plan approved by the Board in December 2021.

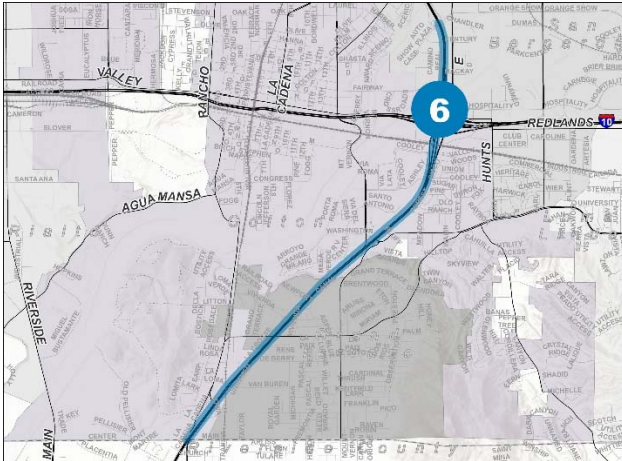
**Lead Agency:** SBCTA

**Project Manager:** Sal Chavez  
(909) 884-8276  
schavez@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## I-215 BI-COUNTY LANDSCAPING

### Map of Project:



### Project Scope Summary:

This project provides landscaping from Orange Show Road to the San Bernardino County/Riverside County line on I-215.

### Project Status and Continuing Activities:

- The Environmental Clearance was approved in June 2020.
- The 100% Plans, Specifications and Estimate are in progress and are incorporating the recently approved Board Landscape Policy updates.
- The project acquired an easement from a private property for irrigation purposes.
- An Invitation for Bid (IFB) for construction services is anticipated for release in Fall 2023.

### Project Notes of Interest:

- The HOV lanes are complete and were opened to traffic in late 2015. This project is a follow up landscaping project for the corridor.
- Proposed landscaping includes the use of drought tolerant, California-friendly and low maintenance trees and shrubs, as well as inert materials such as decomposed granite, gravel mulch, rock blanket, and boulders.
- The landscape construction will be combined with the I-215 Segment-5 Project and will be followed by 1-year Plant Establishment and 4-year Establish Existing Planting.
- The landscaping work is planned to end at the Riverside County line due to limited planting areas and potential future improvements within Riverside County.
- Landscape construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	Jan 2019
Project Initiation Document (PID) Approved	-incl. in PA/ED-
Environmental Clearance (PA/ED)	Jun 2020
Final Design Approved (RTL)	[Oct 2023]
Construction Notice to Proceed	[Feb 2024]
Complete for Beneficial Use	[Aug 2024]
End of Project	[Mar 2029]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$692
Final Design	\$798
ROW	\$38
Construction	\$7,963
Total	\$9,491

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Measure I	\$11,024
TBD	(1,533)
Total	\$9,491

Board Approved Funding: \$11,024,000

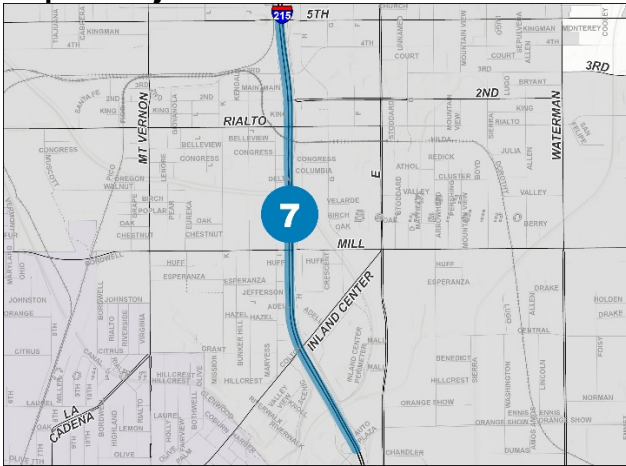
**Lead Agency:** SBCTA

**Project Manager:** Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## I-215 WIDENING – SEGMENTS 1 & 3 LANDSCAPE

### Map of Project:



### Project Scope Summary:

Project involves landscape replacement in the City of San Bernardino along I-215 from Orange Show Road to the 5th Street Overcrossing.

### Project Status and Continuing Activities:

- Construction contract was awarded in November 2017 with work starting in January 2018.
- Landscape construction was completed in October 2018, and a one year plant establishment period was completed in October 2019.
- The four year establish existing planting contract was awarded by SBCTA Board in October 2019 for this project which will extend to January 2024.

### Project Notes of Interest:

- Landscaping design utilizes gravel mulch, boulders and drought tolerant, low maintenance plant material and palm trees which are irrigated with drip and bubbler systems to minimize water use.
- Estimate at completion is below Board approved cooperative agreements funding due to lower bid results.

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	June 2012
Environmental Clearance (PA/ED)	Nov 2012
Final Design Approved (RTL)	Oct 2016
Construction Notice to Proceed	Jan 2018
Complete for Beneficial Use	Oct 2018
End of Project	[Apr 2024]

Budgetary Estimate At Completion (\$ 000's)			
Cost Item	Seg 1	Seg 3	Total
PA/ED	\$35	\$35	\$70
Final Design	\$563	\$1,023	\$1,586
Construction	\$4,108	\$3,676	\$7,784
	Total		\$9,440

Funding Estimate At Completion (\$ 000's)			
Funding Source	Seg 1	Seg 3	Total
Federal - PNRS	\$3,678	\$3,248	\$6,926
Measure I	\$1,526	\$2,436	\$3,962
TBD			\$(1,448)
	Total		\$9,440

Board Approved Funding: \$10,888,000

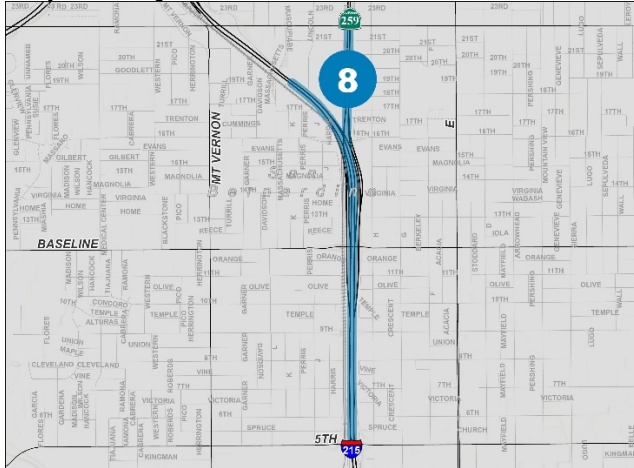
**Lead Agency:** Caltrans – Landscape Design  
SBCTA – Landscape Construction

**Project Manager:** Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

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## I-215 WIDENING – SEGMENT 2 LANDSCAPE

### Map of Project:



### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Jan 2012
Environmental Clearance (PA/ED)	Nov 2012
Final Design Approved (RTL)	Jan 2017
Construction Notice to Proceed	Jan 2019
Complete for Beneficial Use	Feb 2020
End of Project	[Jun 2025]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
PA/ED	\$35
Final Design	\$660
Construction	\$5,270
Total	\$5,965

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal - PNRS	\$4,554
Measure I	\$2,546
TBD	\$(1,135)
Total	\$5,965

Board Approved Funding: \$7,100,000

### Project Scope Summary:

Project involves landscape replacement in the City of San Bernardino along I-215 from the 5<sup>th</sup> Street Overcrossing to Muscupiabe Drive and along SR-259 from Baseline Street to Highland Avenue.

### Project Status and Continuing Activities:

- Project was advertised for landscape construction services in September 2018 and a Construction contract was awarded in December 2018.
- Construction and installation of landscaping was completed in February 2020, and the plant establishment was completed in December 2020.
- The project is currently in the four-year establish existing planting phase, which will be completed late 2024.

### Project Notes of Interest:

- Landscaping design utilizes gravel mulch, boulders and drought tolerant, low maintenance plant material and palm trees irrigated with drip and bubbler systems to minimize water use.
- Estimate at completion is below the Board approved cooperative agreement funding due to lower bid results.

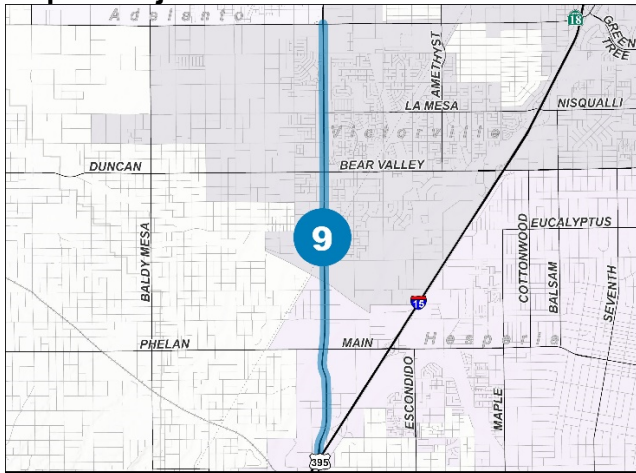
**Lead Agency:** Caltrans – Landscape Design  
SBCTA – Landscape Construction

**Project Manager:** Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## US-395 WIDENING PROJECT – PHASE 2

### Map of Project:



#### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Jul 2002
Project Initiation Document (PID)	Aug 2005
Environmental Clearance (PA/ED)	Dec 2009
Final Design Approved (RTL)	[Apr 2024]
Construction Notice to Proceed	[Jan 2025]
Complete for Beneficial Use	[May 2027]
End of Project	[Apr 2028]

#### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report and Env Doc	\$0
Final Design	\$9,013
ROW	\$13,110
Construction	\$52,460
Total	\$74,583

#### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal - STP	\$15,350
State - STIP/RIP	\$18,648
Measure I	\$625
CRRSAA	\$9,960
UNFUNDED	\$30,000
Total	\$74,583

Board Approved Funding: \$74,583,000

### Project Scope Summary:

Widen US-395 between 0.4 miles north of Interstate 15 (I-15) and State Route 18 (SR-18 / Palmdale Road), a distance of approximately 7 miles, from two lanes to four lanes. Install continuous raised median, turn lanes and signal modification at various intersections within the project limits.

### Project Benefit:

The project will relieve congestion and enhance the operational efficiency of US-395.

### Project Status and Continuing Activities:

- Preliminary design is in progress.
- The Design Service contract was awarded on July 6, 2022.
- On March 8, 2022, the RFP for PS&E Design Services was released.
- The Board approved release of the RFP for PS&E on March 2, 2022.

### Project Notes of Interest:

- This "gap closure" Project is the second phase of a three-phase project between I-15 and Desert Flower Road. Construction is complete for Phase 1, between SR-18 and Chamberlaine Way. Phase 3 between Chamberlaine Way and Desert Flower Road will be completed as funding becomes available.

### Lead Agency:

SBCTA – Right of Way  
SBCTA – Construction  
SBCTA – Design

### Project Manager:

Kristi L Harris (909) 884-8276  
kharris@gosbcta.com

### Public/Media Contact:

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## I-10 / SLOVER MOUNTAIN UNDERPASS

### Map of Project:



### Project Scope Summary:

The project will replace the existing Union Pacific Railroad Slover Mountain underpass to accommodate up to two (2) new express lanes in the median in each direction through this corridor segment of Interstate 10 (I-10).

### Project Benefit:

This project is being advanced to minimize concurrent public impacts and to prepare for the I-10 Corridor Project.

### Project Status and Continuing Activities:

- Design Procurement complete and contract awarded October 2022.
- Cooperative agreement with the Caltrans is in process and expected January 2023.
- Final Design Approval anticipated August 2024.
- Construction notice to proceed anticipated December 2024.

### Project Notes of Interest:

- Construction phase estimate based on the Final Project Report and escalated at 4% per year to midpoint of construction based on latest escalation analysis.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	---
Environmental Clearance (PA/ED)	May 2017
Final Design Approved (RTL)	[Aug 2024]
Construction Notice to Proceed	[Dec 2024]
Complete for Beneficial Use	[Jan 2025]
End of Project	[Jan 2026]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report/PA/ED	\$0
Final Design	\$3,575
Construction	\$30,700
Total	\$34,275

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$34,275
Total	\$34,275

Board Approved Funding: \$34,275,000

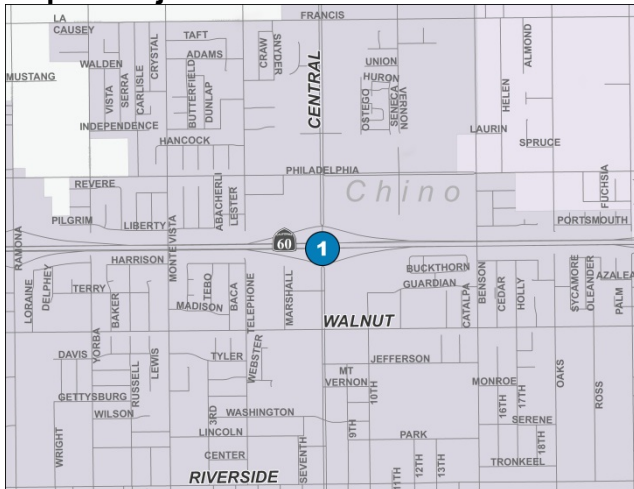
**Lead Agency:** SBCTA

**Project Manager:** Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## SR-60 / CENTRAL AVENUE

### Map of Project:



### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	June 2014
Project Initiation Document (PID) Approved	Aug 2016
Environmental Clearance (PA/ED)	Jan 2018
Final Design Approved (RTL)	Jun 2020
Construction Notice to Proceed	Jan 2021
Complete for Beneficial Use	[Mar 2023]
End of Project	[Sept 2028]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report and Env Document	\$1,314
Final Design	\$2,060
ROW/Utilities Capital	\$703
Construction	\$31,953
Total	\$36,030

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$11,013
City of Chino DIF	\$16,474
State - TCIF	\$8,638
TBD	\$(95)
Total	\$36,030

Board Approved Funding: \$36,125,000

### Project Scope Summary:

The project will widen the Central Avenue bridge over SR 60 in the City of Chino, widen the freeway ramps, and improve ramp intersections.

### Project Benefit:

The project will provide additional left turn storage for vehicles entering the freeway from Central Avenue and improve traffic flow across the SR-60/Central Avenue Bridge. The project will also provide standard roadway shoulders, and improve pedestrian and bicycle features.

### Project Status and Continuing Activities:

- The construction contract was awarded at the December 2020 Board of Directors meeting.
- Construction activities are continuing with work on both freeway onramps and addition of bridge deck and barriers on both directions of Central Avenue completed. Work on Central Avenue median island, retaining wall, architectural treatment, and landscaping are remaining.

### Project Notes of Interest:

- Replacement landscaping will be added including a one year plant establishment period and a four-year establish existing planting landscape maintenance period.
- The California Transportation Commission (CTC) allocated over \$8.6 million in available State Proposition 1B TCIF funding for the project in June 2020.

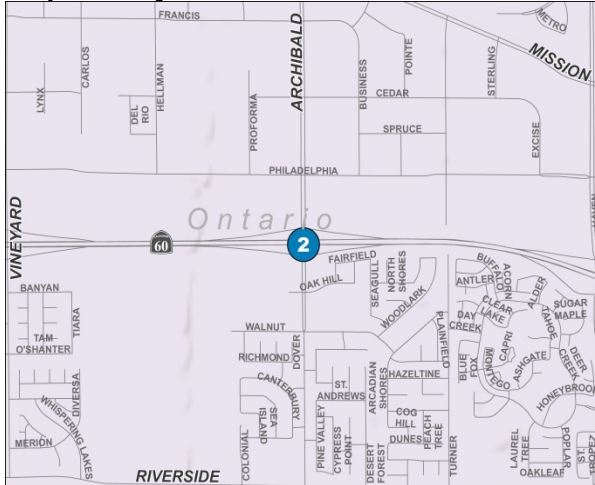
**Lead Agency:** SBCTA

**Project Manager:** Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## SR-60 / ARCHIBALD AVENUE

### Map of Project:



### Project Scope Summary:

The project will widen Archibald Avenue and improve the ramps at SR-60 in the City of Ontario. In addition, the City has invested in upgrading the pavement from asphalt to concrete.

### Project Benefit:

The project will improve traffic operations and reduce congestion at the interchange by increasing both left and right turn storage.

### Project Status and Continuing Activities:

- Construction of all roadway improvements, drainage systems, electrical signals and lighting, curb and gutter and sidewalk, and roadway sections were completed in late 2021.
- Project safety review with Caltrans has been completed and the project received its partial Relief of Maintenance from Caltrans in May 2022.
- The one-year plant establishment period began in March 2022.
- Settlement with property owners are still ongoing to seek final compensation, which will impact final project cost
- Review of the proposed final estimate with contractor is ongoing.

### Project Notes of Interest:

- Approximately \$1.3 Million of Transportation Corridor Improvement Funds (TCIF) were used to fund a portion of project construction.

### Lead Agency:

SBCTA

### Project Manager:

Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

### Public/Media Contact:

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	May 2014
Project Initiation Document (PID) Approved	Aug 2016
Environmental Clearance (PA/ED)	Mar 2018
Final Design Approved (RTL)	Jun 2019
Construction Notice to Proceed	Mar 2020
Complete for Beneficial Use	Sep 2021
End of Project	[Sep 2024]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report/Project Report	\$947
Final Design	\$1,488
ROW/Utilities	\$2,668
Construction	\$19,677
Total	\$24,780

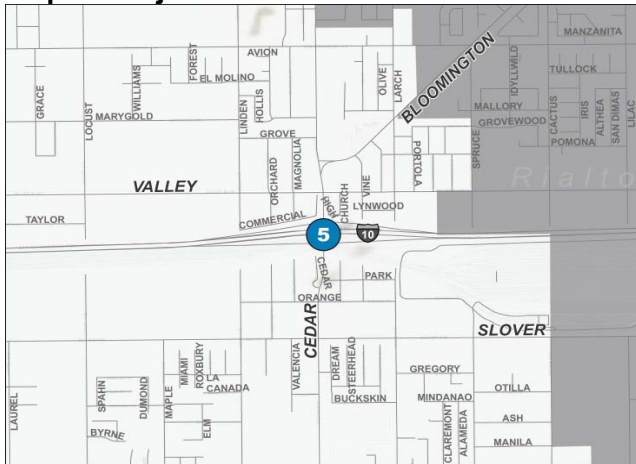
### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$7,127
City of Ontario – DIF	\$17,059
City of Ontario - Local	\$2,606
State - TCIF	\$1,310
TBD	\$(3,322)
Total	\$24,780

Board Approved Funding: \$28,102,000

## I-10 / CEDAR AVENUE

### Map of Project:



### Project Scope Summary:

Reconstruction of the interchange includes widening the I-10 overcrossing, replacement of the railroad bridge, roadway improvements along Cedar Avenue from Bloomington Avenue to Slover Avenue, and adding capacity to the ramps.

### Project Benefit:

The improvements will decrease congestion and improve traffic operations.

### Project Status and Continuing Activities:

- The Plans, Specifications and Estimate were approved in October 2021.
- The ROW certification was approved in June 2022.
- A construction management contract was awarded in November 2020.
- An Invitation for Bid (IFB) for construction was released in June 2022.
- A construction contract was awarded in October 2022.
- The construction work is scheduled to start in January 2023.

### Project Notes of Interest:

- This project is the number 1 priority project in the Measure I 2010-2040 Freeway Interchange Program.
- The Cooperative Agreement for PS&E between the County and SBCTA was executed in February 2018 with County leading the PS&E phase, SBCTA being the Project Manager, and Caltrans executing the design.
- The Cooperative Agreement for the ROW and Construction phases was executed in January 2019 designating SBCTA as lead agency for these phases.
- The project has a landscaping component that will be followed by 1-year Plant Establishment and 2-year Establish Existing Planting.

**Lead Agency:** County of San Bernardino (PS&E)  
SBCTA (ROW and Construction)

**Project Manager:** Heng Chow (909) 884-8276  
hchow@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	2001
Project Initiation Document (PID) Approved (by others)	Nov 2001
Environmental Clearance (PA/ED)	Jul 2013
Ready to List (RTL)	Jun 2022
Construction Notice to Proceed	[Jan 2023]
Complete for Beneficial Use	[Feb 2025]
End of Project	[Aug 2030]

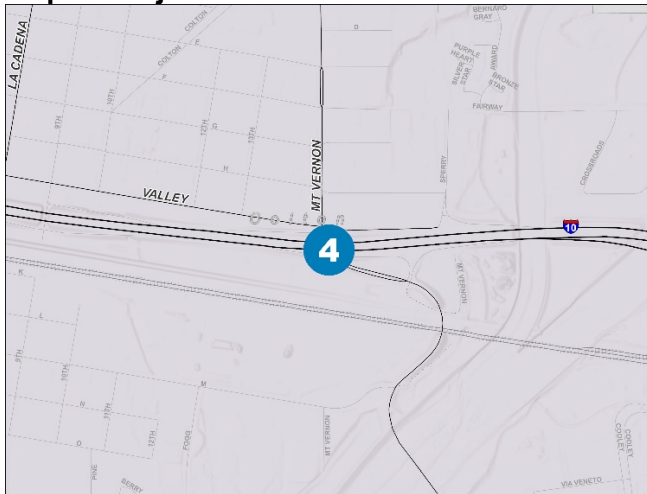
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	County
Project Report	\$1,299
Final Design	\$8,727
ROW	\$7,200
Construction	\$95,000
Total	\$112,226

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal - STP	\$4,200
Federal - HIP	\$3,552
Measure I	\$75,322
County of San Bernardino DIF	\$29,528
TBD	(\$376)
Total	\$112,226

Board Approved Funding: \$112,602,000

## I-10 / MOUNT VERNON AVENUE

### Map of Project:



### Project Scope Summary:

The project will replace the existing Mount Vernon Avenue bridge over I-10 and provide local circulation improvements in the City of Colton.

### Project Benefit:

This project will make operational and safety improvements which will reduce local traffic congestion along Mount Vernon Avenue at the I-10 interchange. In addition, the bridge will be lengthened to accommodate future I-10 Express Lanes and a future eastbound on-ramp reconfiguration.

### Project Status and Continuing Activities:

- Project Development Team (PDT) meetings for the PA/ED phase began in January 2019.
- Caltrans determined that an Initial Study/Mitigated Negative Declaration (IS/MND) is the appropriate Environmental Document for project approval.
- Geometric Approval Drawings (GAD's) were approved by Caltrans in March 2021.
- Circulation of the DED for public review and comment along with a public hearing occurred in July, 2021.
- The Final Environmental Document (FED) was approved by Caltrans in March, 2022 and the Final Project Report was approved by Caltrans in April, 2022.
- Final Design approval is expected October 2023.
- Updated project cost estimate is based on the approved Project Report.
- Procurement activities initiated to retain a Construction Management consultant.

### Project Notes of Interest:

- The intersection of Mount Vernon Avenue and East Valley View Boulevard is a five-legged signalized intersection that requires careful consideration to ensure safe and efficient traffic operations.
- Construction phase estimate based on the Final Project Report and escalated at 4% per year to midpoint of construction based on latest escalation analysis.

**Lead Agency:** SBCTA

**Project Manager:** Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Jan 2016
Project Initiation Document (PID) Approved	Dec 2018
Environmental Clearance (PA/ED)	Apr 2022
Final Design Approved (RTL)	[Nov 2023]
Construction Notice to Proceed	[Apr 2024]
Complete for Beneficial Use	[Dec 2025]
End of Project	[Feb 2029]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report/PA/ED	\$3,074
Final Design	\$2,057
ROW	\$5,188
Construction	\$62,740
Total	\$73,059

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$51,958
City of Colton DIF	\$2,792
TBD	\$18,309
Total	\$73,059

Board Approved Funding: \$54,750,000

## I-10 / ALABAMA STREET

### Map of Project:



### Project Scope Summary:

This project will widen Alabama Street from Orange Tree Lane to Industrial Park Avenue in the City of Redlands. The operational improvements include widening the eastbound and westbound off-ramps at the I-10/Alabama Street Interchange.

### Project Benefit:

The project will improve traffic operations and reduce traffic congestion on Alabama Street and at the I-10 interchange.

### Project Status and Continuing Activities:

- Project Initiation Document (PID) completed in December 2017.
- Environmental clearance was approved in February 2019 and the project report was approved in June 2019.
- The Plans, Specifications and Estimate (PS&E) were approved in June 2021.
- A construction management contract was awarded in October 2020.
- An Invitation for Bid (IFB) for construction services was released in late June 2021.
- A construction contract was awarded in September 2021. The construction work started in January 2022.
- The construction is scheduled to be completed for beneficial use in February 2023.

### Project Notes of Interest:

- SBCTA is leading the planning, design, ROW, and construction phases per a cooperative agreement with the City of Redlands.
- This project is the sixth highest priority project in the Measure I 2010-2040 Freeway Interchange Program.
- The project has a landscaping component that will be followed by 1-year Plant Establishment and 4-year Establish Existing Planting after complete for beneficial use.
- In an effort to secure additional funding for the project, SBCTA reached out to Caltrans requesting financial contribution from their Minor Program Funds. In November 2019, Caltrans agreed to contribute SHOPP funds of \$1,250,000 towards the eastbound off-ramp widening portion of the project. Caltrans contribution agreement and City cooperative agreement amendment were executed in August 2020.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Feb 2017
Project Initiation Document (PID) Approved	Dec 2017
Environmental Clearance (PA/ED)	Jun 2019
Final Design Approved (RTL)	Jun 2021
Construction Notice to Proceed	Jan 2022
Complete for Beneficial Use	[Feb 2023]
End of Project	[Jul 2028]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
PA/ED	\$959
Final Design	\$1,142
ROW	\$49
Construction	\$12,229
Total	\$14,379

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$6,750
City of Redlands DIF	\$7,183
Caltrans SHOPP	\$1,250
TBD	\$(804)
Total	\$14,379

Board Approved Funding: \$15,183,000

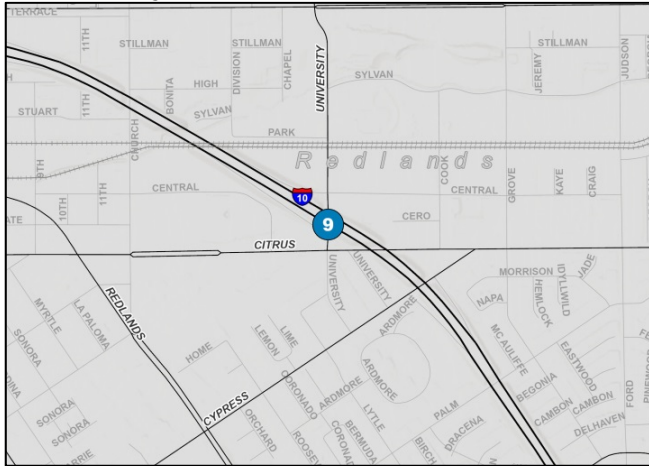
**Lead Agency:** SBCTA

**Project Manager:** Heng Chow (909) 884-8276  
hchow@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## I-10 / UNIVERSITY STREET

## Map of Project:



## Project Scope Summary:

The project will improve University Street at the I-10 interchange, between Citrus Avenue and Central Avenue in the City of Redlands, and implement minor ramp widening, add turning lanes, traffic signals and operational improvements within the existing right of way.

## Project Benefit:

The project will reduce congestion and improve traffic operations along University Street between Citrus Avenue and Central Avenue.

## Project Status and Continuing Activities:

- Upon execution of Caltrans contribution agreement and City cooperative agreement amendment in June 2020, an Invitation for Bid (IFB) for construction services was released on June 30, 2020.
- A construction contract was awarded in September 2020.
- The construction work started in April 2021.
- The construction was completed for beneficial use in September 2022.
- Relief from Maintenance is expected in January 2023.

## Project Notes of Interest:

- The interchange serves as the gateway for the University of Redlands and Redlands High School.
- In an effort to secure additional funding for the project, SBCTA reached out to Caltrans requesting financial contribution from their Minor Program Funds. In November 2019, Caltrans agreed to contribute \$500,000 in Minor SHOPP funds towards the eastbound off-ramp widening portion of the project. A contribution agreement with Caltrans and a cooperative agreement amendment with the City of Redlands were executed in June 2020.

**Lead Agency:** SBCTA

**Project Manager:** Heng Chow (909) 884-8276  
hchow@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Dec 2014
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Feb 2017
Final Design Approved (RTL)	Jan 2020
Construction Notice to Proceed	Apr 2021
Complete for Beneficial Use	Sep 2022
End of Project	[May 2024]

## Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	N/A
PA/ED	\$430
Final Design	\$875
Construction	\$5,308
Total	\$6,613

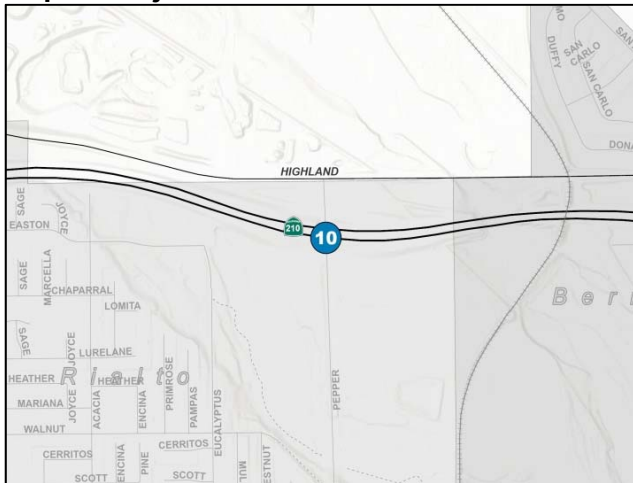
## Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$4,741
City of Redlands DIF	\$1,372
Caltrans SHOPP	\$500
Total	\$6,613

Board Approved Funding: \$6,613,000

## SR-210 / PEPPER AVENUE

## Map of Project:



## Project Scope Summary:

This project has provided a new freeway interchange to serve the City of Rialto.

## Project Benefit:

The new SR-210 Pepper Avenue Interchange is providing freeway access to and from the local transportation system.

## Project Status and Continuing Activities:

- The interchange was opened to the public in May 2018 and a dedication ceremony was held in June 2018.
- Completion of the Establish Existing Planting (EEP) phase is planned for August 2023; after that Caltrans will assume landscape maintenance.
- Closeout activities are ongoing for the Construction Phase.

## Project Notes of Interest:

- The bridge structure was completed with the freeway mainline. This project provided on and off ramps and other operational improvements.

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	January 2011
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	July 2015
Final Design Approved (RTL)	Nov 2016
Construction Notice to Proceed	Apr 2017
Complete for Beneficial Use	May 2018
End of Project	[Dec 2023]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	\$1,745
Final Design	\$1,625
ROW	\$1,196
Construction	\$18,930
Total	\$23,496

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal - STP	\$12,667
Measure I 1990-2010	\$10,754
WVWD	\$318
TBD	(\$243)
Total	\$23,496

Board Approved Funding: \$23,739,000

## Lead Agency:

SBCTA

## Project Manager:

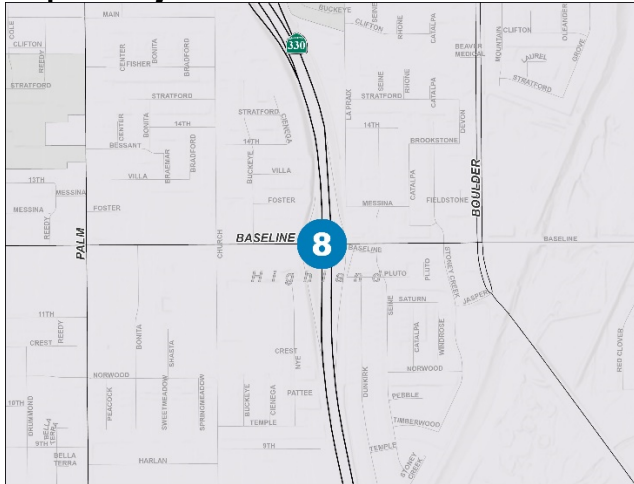
Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

## Public/Media Contact:

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## SR-210 / BASE LINE

## Map of Project:



## Project Scope Summary:

The project will widen Base Line at the SR-210 Interchange as well as widen the existing westbound on and off-ramps, and eastbound on-ramp to SR-210 in the City of Highland.

## Project Benefit:

This project will make operational and safety improvements and reduce local traffic congestion at the SR-210 / Base Line Interchange.

## Project Status and Continuing Activities:

- Construction contract awarded by SBCTA Board in November 2019 and the groundbreaking ceremony was held on February 26, 2020.
- Construction began in February 2020 and is scheduled to be substantially complete in late Spring 2023.
- Bridge widening including sidewalk and concrete barrier work completed. Ongoing work include miscellaneous electrical, ramp work, bridge railing and pilaster restoration.

## Project Notes of Interest:

- As the SR-210 Base Line Interchange and SR-210 Lane Addition projects align geographically and share similar delivery schedules, they have been combined for the design, right-of-way, and construction phases to save cost and schedule.
- Estimate at completion is less than the Board approved funding due to lower bid results

**Lead Agency:** SBCTA

**Project Manager:** Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Feb 2013
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Dec 2016
Final Design Approved (RTL)	Apr 2019
Construction Notice to Proceed	Feb 2020
Complete for Beneficial Use	[May 2023]
End of Project	[Jan 2028]

## Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	\$214
Project Report	\$1,042
Final Design	\$1,699
ROW	\$1,090
Construction	\$29,094
Total	\$33,139

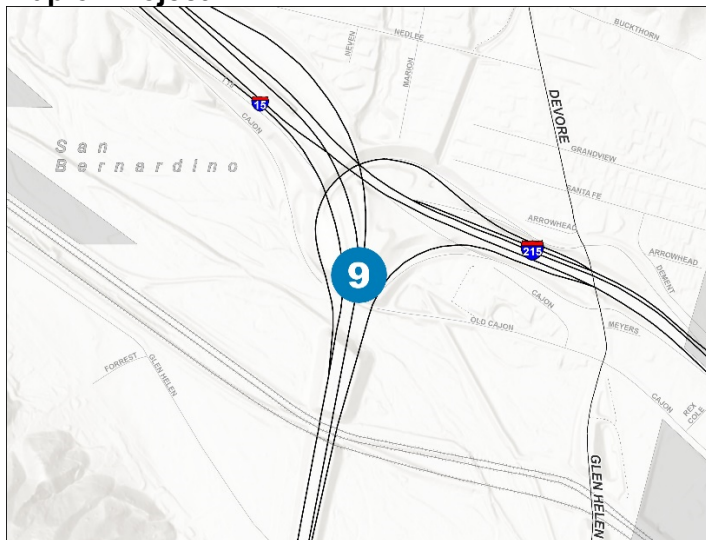
## Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$20,032
City of Highland DIF	\$14,458
TBD	\$(1,351)
Total	\$33,139

Board Approved Funding: \$34,490,000

## I-15 AND I-215 INTERCHANGE IMPROVEMENTS (DEVORE)

### Map of Project:



#### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	July 2007
Project Initiation Document (PID) Approved	Mar 2009
Environmental Clearance (PA/ED)	Feb 2012
Final Design Approved (RTL)	Jan 2016
Construction Notice to Proceed	Aug 2013
Complete for Beneficial Use	June 2016
End of Project	[Feb 2023]

#### Budgetary Estimate at Completion (\$ 000's)

Cost Item	Amount
Study Report	Incl in PA/ED
Project Report	\$10,295
Preliminary Engineering	\$6,580
ROW	\$41,877
Construction	\$266,253
Total	\$325,005

#### Funding Estimate at Completion (\$ 000's)

Funding Source	Amount
Federal - STP	\$65,708
Federal - DEMO	\$2,000
Federal - IMD	\$3,341
State - CMIA	\$53,743
State - SHOPP	\$83,865
State - STIP/RIP	\$45,145
Measure I (2010 - 2040) Cajon	\$53,696
Measure I (Major Projects)	\$10,490
Private Utility Companies	\$7,017
Total	\$325,005

Board Approved Funding: \$325,005,000

### Project Scope Summary:

This project reconfigured the interchange to provide four lanes in each direction on I-15. The project also included adding truck by-pass lanes and reconnecting Cajon Boulevard.

### Project Benefit:

This project reduced congestion at the bottleneck along the I-15 corridor, and improved local circulation through the reconnection of Cajon Boulevard.

### Project Status and Continuing Activities:

- Close out cost reconciliation is nearly complete.
- Post project right of way engineering is nearly complete including identification of two new excess land parcels requiring disposition.
- SBCTA contractor provided minor environmental mitigation related work to address temporary construction impacts consisting of invasive, plastic mesh and debris.

Post construction environmental mitigation and monitoring is required and is being coordinated with Caltrans and resource agencies.

### Project Notes of Interest:

- Project was the first design build project for SBCTA and Caltrans District 8.

### Lead Agency:

Caltrans – Design Build  
SBCTA - ROW, Utilities, Railroad

### Project Manager:

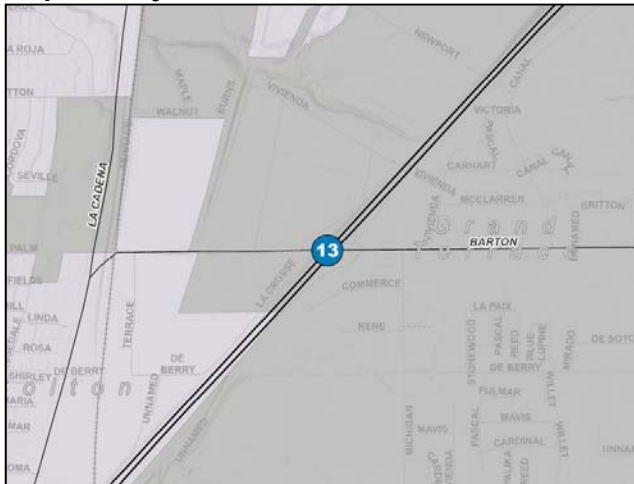
Sal Chavez  
(909) 884-8276  
schavez@gosbcta.com

### Public/Media Contact:

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## I-215 / BARTON ROAD

### Map of Project:



### Project Scope Summary:

This project reconstructed the I-215/Barton Road interchange in the City of Grand Terrace. The existing overcrossing was replaced with a new structure with four through lanes and a longer structure to accommodate the ultimate mainline widening. This project also includes the implementation of a roundabout and local circulation improvements.

### Project Benefit:

The project improves traffic flow and safety resulting in reduced congestion.

### Project Status and Continuing Activities:

- Construction was completed on July 24, 2020 and Relief of Maintenance was granted on August 26, 2020.
- The project is in plant establishment for the landscaping installed in the City right-of-way.
- SBCTA is in the process of conveying the right-of-way located within Caltrans and the City of Grand Terrace jurisdictional boundaries to the respective agency.
- The surplus land appraisals have been developed. The properties will be offered to the general public for sale.

### Project Notes of Interest:

- The project is one of the few statewide pilot projects implementing the Construction Management/General Contractor (CM/GC) delivery method.

### Lead Agency:

Caltrans – Design and Construction  
SBCTA - Right-Of-Way

### Project Manager:

Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

### Public/Media Contact:

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Dec 2007
Environmental Clearance (PA/ED)	Mar 2014
Final Design Approved (RTL)	Apr 2017
Construction Notice to Proceed	Jan 2018
Complete for Beneficial Use	Jul 2020
End of Project	[Mar 2025]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	-Incl in PA/ED-
Project Report	\$2,990
Final Design	\$6,480
ROW	\$35,629
Construction	\$59,874
Totals	\$104,973

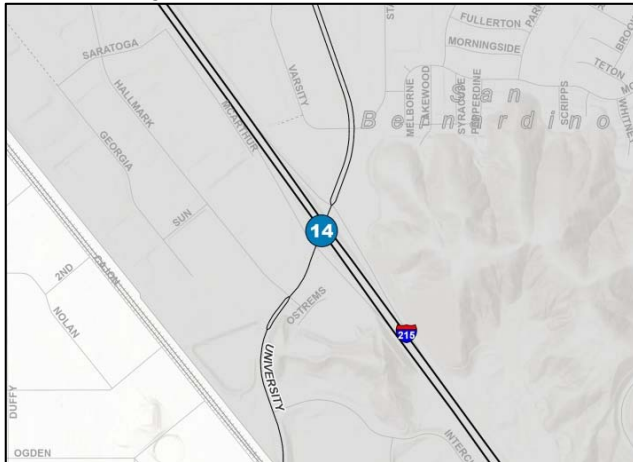
### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
State – STIP/RIP	\$17,400
Federal - STP	\$16,218
Federal - Section 112 and 115	\$2,482
Federal - DEMO	\$6,481
Federal - EARREPU	\$1,710
Private – Level 3 Communication	\$71
Measure I (2010-2040)	\$61,000
RCTC	\$156
Measure I (1990-2010)	\$2,134
TBD	\$(2,679)
Total	\$104,973

Board Approved Funding: \$107,652,000

## I-215 / UNIVERSITY PARKWAY

### Map of Project:



### Project Scope Summary:

This project will reconfigure the existing interchange at I-215 and University Parkway to address present congestion and heavy traffic movement through the interchange in the City of San Bernardino.

### Project Benefit:

The project will reduce delays and improve freeway access.

### Project Status and Continuing Activities:

- The final environmental document and final project report were approved in July 2020.
- The draft 100% plans and specifications were completed and are currently in review by Caltrans.
- Acquisition of Right of Way is ongoing with settlements with some property owners completed.

### Project Notes of Interest:

- A new interchange configuration called the Diverging Diamond Interchange (DDI) configuration was determined to be a feasible interchange configuration for the project with anticipated reduced right-of-way impacts and lower construction costs than other alternatives.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

**Lead Agency:** SBCTA

**Project Manager:** Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	Nov 2015
Project Initiation Document (PID) Approved	Oct 2016
Environmental Clearance (PA/ED)	Jul 2020
Final Design Approved (RTL)	[May 2023]
Construction Notice to Proceed	[Nov 2023]
Complete for Beneficial Use	[Nov 2024]
End of Project	[Nov 2025]

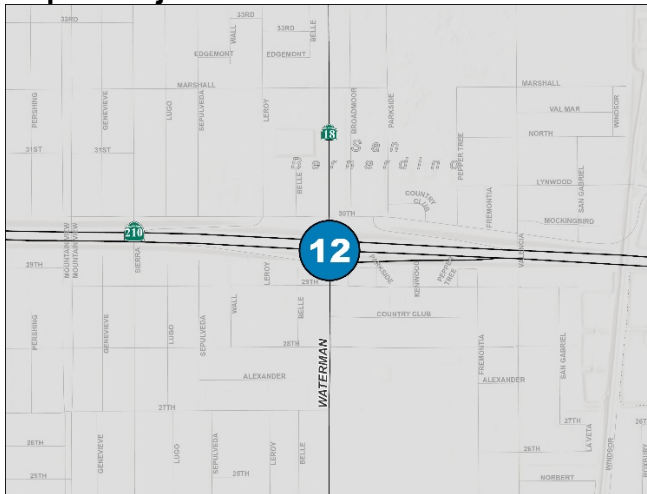
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report	\$1,528
Final Design	\$1,227
ROW	\$2,871
Construction	\$17,509
Totals	\$23,136

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal - STP	\$2,422
Federal - DEMO	\$735
Federal - HIP	\$2,578
Measure I	\$14,652
City of San Bernardino DIF	\$2,749
Total	\$23,136

Board Approved Funding: \$17,837,000

## SR-210 / WATERMAN AVENUE (SR-18)

### Map of Project:



### Project Scope Summary:

The project will improve the SR-210 Waterman Avenue Interchange in the City of San Bernardino by widening the eastbound on-ramp to two lanes and restriping the Waterman Avenue Overcrossing to provide dual left-turn lanes in each direction.

### Project Benefit:

This project will improve traffic operations and reduce local traffic congestion on Waterman Avenue and the eastbound entrance ramp to the SR-210 Freeway.

### Project Status and Continuing Activities:

- Cooperative agreement with the City of San Bernardino executed December 2021.
- Environmental and Design services contract was awarded in September 2022
- Preliminary design and environmental studies have begun

### Project Notes of Interest:

- This project is in the SBCTA interchange phasing program and is the first phase in other improvements to the SR-210 Waterman Avenue Interchange.
- After the design is completed, an Encroachment Permit application will be submitted to Caltrans to construct the improvements.
- Construction phase estimate based on the draft Final Project Report and escalated at 4% per year to midpoint of construction based on latest escalation analysis.

**Lead Agency:** SBCTA

**Project Manager:** Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Dec 2021
Environmental Clearance (PA/ED)	[April 2023]
Final Design Approved (RTL)	[Aug 2023]
Construction Notice to Proceed	[Dec 2023]
Complete for Beneficial Use	[May 2024]
End of Project	[May 2025]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report/PA/ED	\$370
Final Design	\$659
Construction	\$4,915
Total	\$5,944

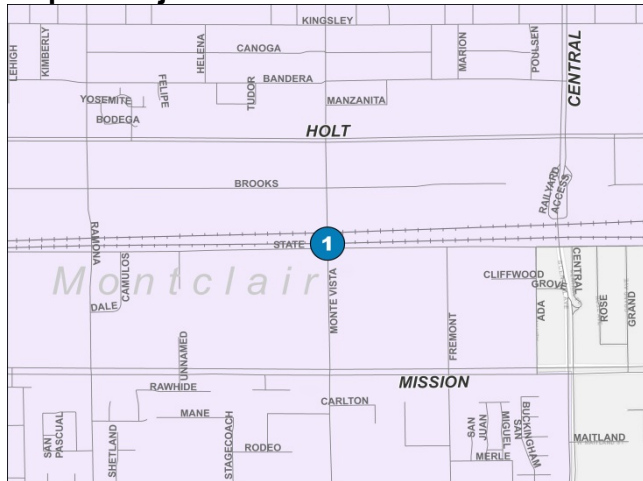
### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$4,487
City of San Bernardino DIF	\$1,398
TBD	\$59
Total	\$5,944

Board Approved Funding: \$5,885,000

## MONTE VISTA AVENUE AND UNION PACIFIC RAILROAD

### Map of Project:



### Project Scope Summary:

This project will bridge Monte Vista Avenue in the City of Montclair over the existing Union Pacific Railroad (UPRR) and State Street.

### Project Benefit:

This project will improve traffic operations, local circulation, air quality, and safety by eliminating the at-grade crossing between Monte Vista Avenue and UPRR.

### Project Status and Continuing Activities:

- Final design and right-of-way phase activities were completed and led by the City of Montclair.
- A contract for construction services was approved by the SBCTA Board of Directors in July 2017.
- Relief of maintenance was issued February 2020.
- Project close-out efforts are underway including claims resolution, final billings and cost reconciliation.

### Project Notes of Interest:

- A groundbreaking ceremony was held in October 2017.
- Ribbon cutting ceremony was held on September 23, 2019 and the new bridge was open to traffic.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Apr 2001
Project Initiation Document (PID) Approved (by others)	N/A
Environmental Clearance (PA/ED)	Jul 2013
Final Design Approved (RTL)	Jul 2016
Construction Notice to Proceed	Aug 2017
Complete for Beneficial Use	Sep 2019
End of Project	[Dec 2023]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report	City
Final Design	City
ROW	City
Construction	\$27,030
Total	\$27,030

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal – PNRS	\$10,661
State – TCIF	\$1,019
Measure I	\$7,234
City of Montclair DIF	\$2,435
UPRR	\$1,078
PUC Section 190	\$5,002
TBD	\$(399)
Total	\$27,030

Board Approved Funding: \$27,429,000

### Lead Agency:

City of Montclair – Design/ROW  
SBCTA – Construction

### Project Manager:

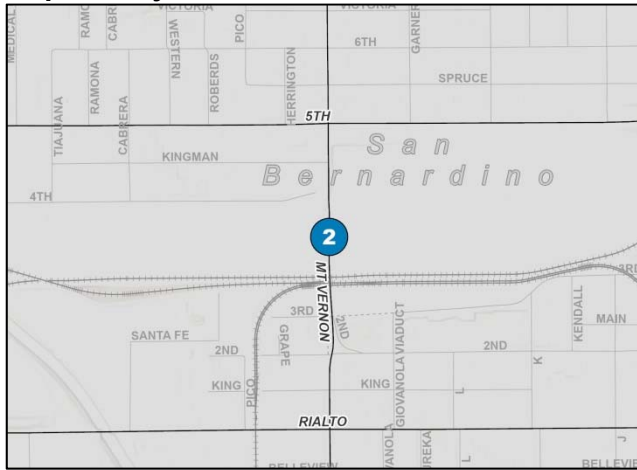
Henry Stultz (909) 884-8276  
hstultz@gosbcta.com

### Public/Media Contact:

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

# MOUNT VERNON AVENUE VIADUCT

## Map of Project:



### Project Scope Summary:

This project will reconstruct the Mount Vernon Avenue Viaduct over the BNSF Railway intermodal yard in the City of San Bernardino.

### Project Benefit:

This project will improve safety by replacing the existing bridge with a new wider and longer bridge.

### Project Status and Continuing Activities:

- A Cooperative Agreement with the City of San Bernardino was approved in June 2016 to have SBCTA take over this project. This agreement was amended at the July 2018 SBCTA Board meeting to update the costs and incorporate design-build into the project and in June 2020 to update costs and funding.
- A contract with a design builder was executed in June 2020.
- Additional funding has been committed by the Highway Bridge Program (HBP) and the City of San Bernardino to cover increased project costs.
- Demolition of the existing bridge started at the end of 2020 and was completed in May, 2021.
- Work continues to acquire right-of-way with one remaining properties left to acquire on the north side of the project. Order of Possession has secured for two properties on the south side of the project.
- Relocation of utilities, Metrolink mitigation, BNSF mitigation activities and final design work on the new bridge and the adjoining local streets improvements is ongoing.
- The HBP program will fund up to \$5 million in short term financing costs due to HBP deferred reimbursement.
- Held project scheduling workshop with BNSF, TGJV, SCRRA and SBCTA to update project schedule.

**Project Notes of Interest:**

- SBCTA is leading the design, right-of-way, and construction phases.
- Cost estimate based on design build contract and estimated final right-of-way and utility relocation costs.

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	Aug 2009
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Jun 2011
Design NTP	Jun 2020
Construction Notice to Proceed	Dec 2020
Complete for Beneficial Use	[Jan 2025]
End of Project	[Dec 2025]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report/PA&ED	\$24,337
ROW	\$70,874
Construction	\$130,622
Total	\$225,833

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal - HBP	\$150,443
Federal - HIP	\$23,495
Measure I – City Arterial	\$16,175
City of San Bernardino DIF	\$9,998
BNSF	\$29,500
Prop 1B	\$3,453
TBD	\$(7,231)
Total	\$225,833

Board approved funding: \$233,064,000

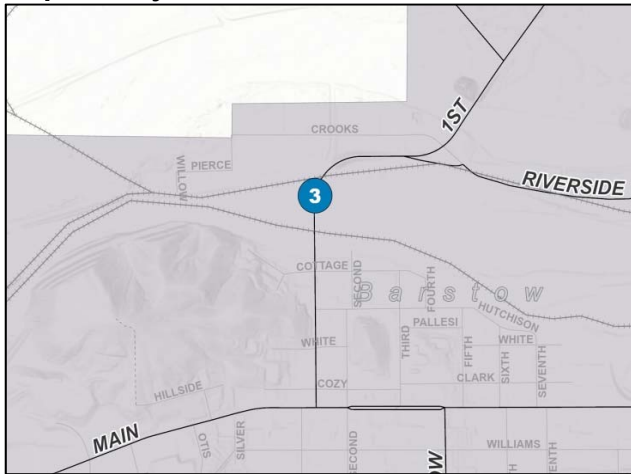
**Lead Agency:** SBCTA

**Project Manager:** Kristi Harris  
(909) 884-8276  
kharris@gosbcta.com

**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## NORTH FIRST AVENUE BRIDGE OVER BNSF RAILROAD PROJECT

### Map of Project:



### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	2012
Project Initiation Document (PID)	Mar 2013
Environmental Clearance (PA/ED)	Sep 2016
Final Design Approved (RTL)	Mar 2022
Construction Notice to Proceed	[Jan 2023]
Complete for Beneficial Use	[Aug 2024]
End of Project	[Mar 2026]

### Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report and Env Doc	\$3,000
Final Design	\$4,635
ROW	\$15,025
Construction	\$48,242
Total	\$70,902

### Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal - HBP	\$70,388
Measure I	\$5,659
Local Funds	\$1,166
LSSRP Bond	\$305
Repurposed Federal Earmark	\$2,591
CPUC Section 190	\$5,000
TBD	\$(14,207)
Total	\$70,902

Board Approved Funding: \$85,109,000

### Project Scope Summary:

Replace the existing North First Avenue bridge over a BNSF railyard in the City of Barstow. The bridge was built around 1930 and has been deemed structurally deficient and functionally obsolete. The project includes the construction of new approach roadways, a new 2-lane structure, and the demolition of the old structure once the new facility has been opened to traffic.

### Project Benefit:

The replacement of a structurally deficient bridge with a new structure will provide safety benefits and accommodate all legal truck and permit vehicles, provide standard 8-foot shoulder widths, and one 8-foot sidewalk.

### Project Status and Continuing Activities:

- A Construction Cooperative Agreement with the City of Barstow was approved by the Board in September 2020 whereby SBCTA would be the lead agency for the construction phase of the project.
- Railroad Construction and Maintenance Agreement with BNSF, City of Barstow and SBCTA was executed in March, 2021
- The 100% Plans, Specifications and Estimate were approved in March 2022.
- A construction management contract was awarded in January 2022.
- An Invitation for Bid (IFB) for construction was released in May 2022.
- A construction contract was awarded in September 2022. The construction work is scheduled to start in January 2023.

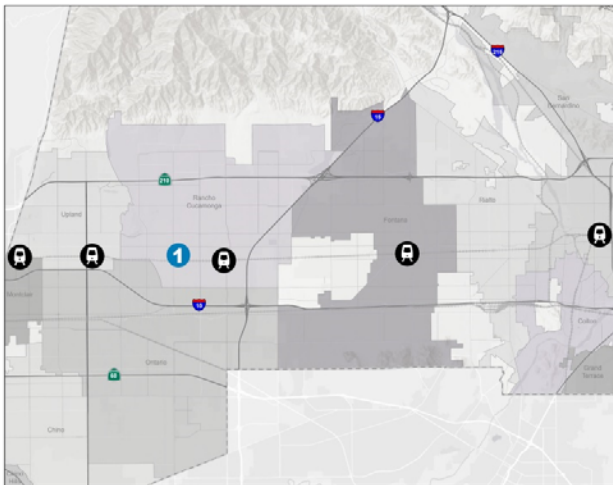
### Project Notes of Interest:

- This project is funded by Federal Highway Bridge Program (HBP) funds, other federal and state funds, and Measure I Major Local Highway Programs funds and City of Barstow funds.
- City of Barstow and SBCTA are working with Caltrans Local Assistance and the HBP program to confirm available HBP project funding.
- City of Barstow was successful in its obtaining \$5 million in CPUC Section 190 funds for the project. An agreement between the City and the CPUC has been executed for this project.
- During the Bridge Inspection Report prepared by Caltrans in April 2012, the bridge Sufficiency Rating (SR) was 3 out of 100. The existing bridge is considered Structurally Deficient (SD) in its superstructure, substructure, and the overall structural evaluation. The existing bridge is also considered Functionally Obsolete (FO) due to its overall geometry and substandard vertical clearance.

- Lead Agency:** City of Barstow –  
Environmental, Design and  
Right of Way  
SBCTA – Construction
- Project Manager:** Heng Chow (909) 884-8276  
hchow@gosbcta.com
- Public/Media  
Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

## METROLINK ATP (Phase II)

### Map of Project:



### Project Scope Summary:

This project includes providing safe pedestrian and bicycle access to key corridors at Metrolink stations in the Cities of Montclair, Upland, Rancho Cucamonga, Fontana, and San Bernardino.

### Project Benefit:

This project improves pedestrian and bicycle access and safety with the incorporation of way finding signage, sidewalks, curb ramps, class II bike lanes, high-visibility crosswalks, bicycle parking and signalized crossings.

### Project Status and Continuing Activities:

- Phase I work was completed in early March 2019 and project close out is complete.
- Phase II work is currently in the design phase. A design RFP was released July 2020 and the design contract was awarded in December 2020.
- An environmental revalidation was also completed in December 2021 to cover minor scope changes from the original environmental clearance.
- Request for Design Modification were submitted to Caltrans and approved in November 2022.
- Final design work is underway with the draft 100% Plans, Specifications, and Estimate (PS&E) package completed in December. 100% PS&E is anticipated Early 2023.

### Project Notes of Interest:

- SBCTA is leading both the design and construction phases.
- Each of the five cities are providing funding for support costs for the project.

### Lead Agency

SBCTA

### Project Manager

Juan Lizarde (909) 884-8276  
jlizarde@gosbcta.com

### Public/Media Contact

Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	Aug 2019
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Nov 2021
Final Design Approved (RTL)	[June 2023]
Construction Notice to Proceed	[Jan 2024]
Complete for Beneficial Use	[Dec 2024]
End of Project	[Oct 2025]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report	N/A
Final Design	\$955
Construction	\$7,290
Total	\$8,245

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal ATP	\$6,132
TDA Article 3	\$385
City Contributions	\$1,525
TBD	\$203
Total	\$8,245

Board Approved Funding: \$8,042,000



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