

San Bernardino County Transportation Authority  
MAJOR PROJECTS  
**PROJECT STATUS REPORT**  
October – December 2018

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## **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**

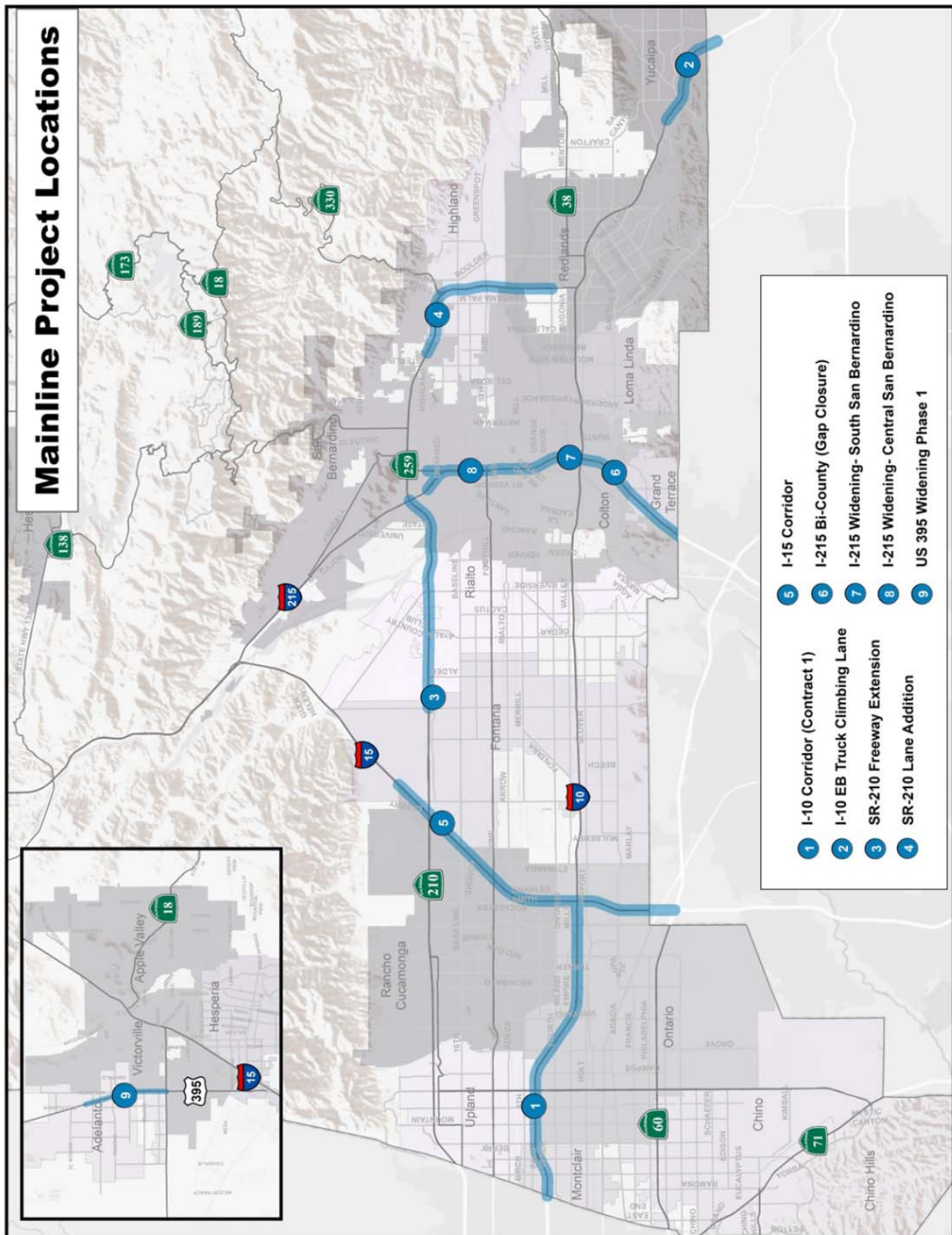
- CMIA – Corridor Mobility Improvement Account
- ITIP – Interregional Transportation Improvement Program
- IIP – Interregional Improvement Program
- LPP – Local Partnership Program (Senate Bill 1)
- PUC – Public Utilities Commission
- RIP – Regional Improvement Program
- SHOPP – State Highway Operation 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**

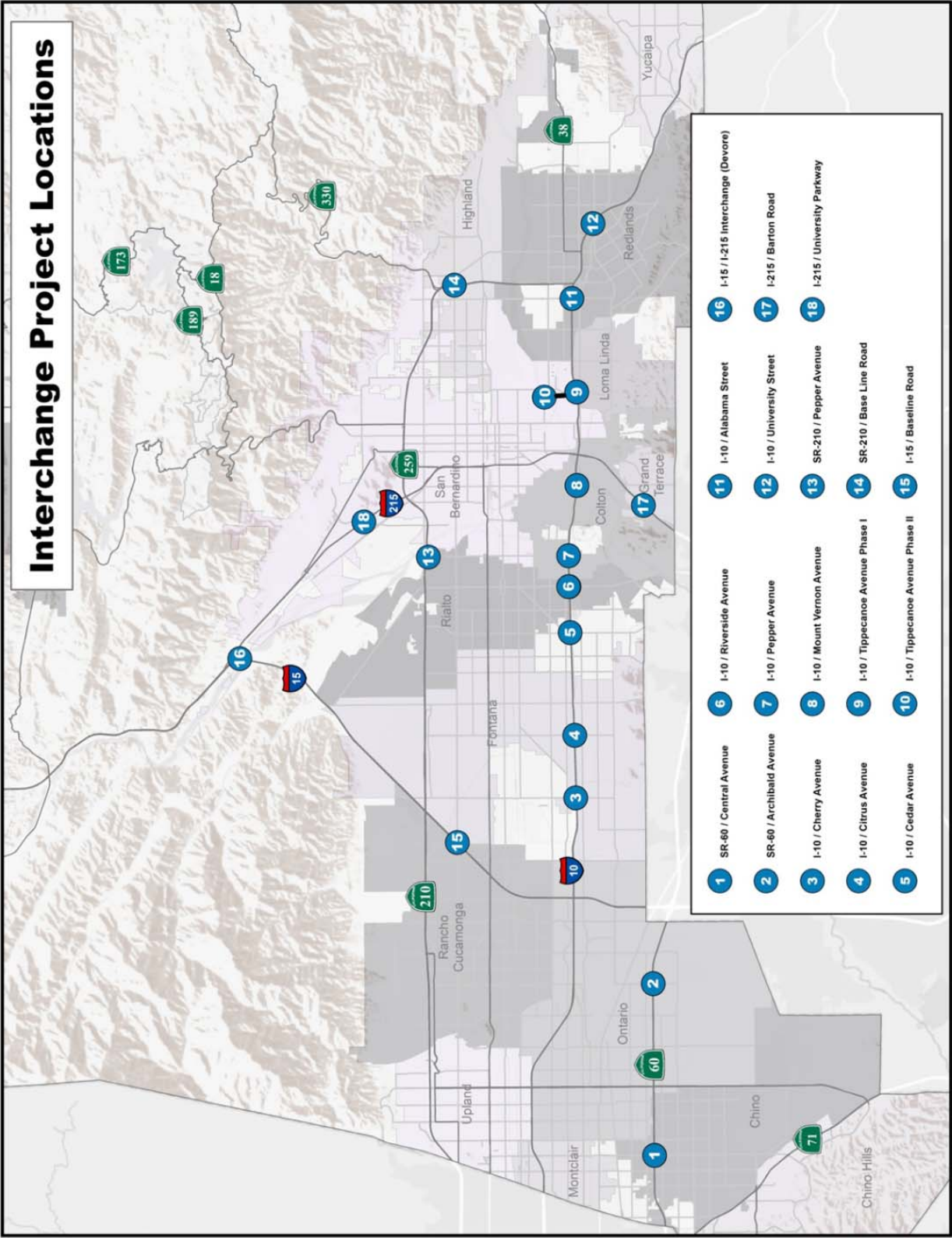
- DIF – Developer Impact Fees
- IVDA – Inland Valley Development Agency
- TDA – Transportation Development Act
- WVWD – West Valley Water District



# PROJECT LOCATION MAP MAINLINE PROJECTS

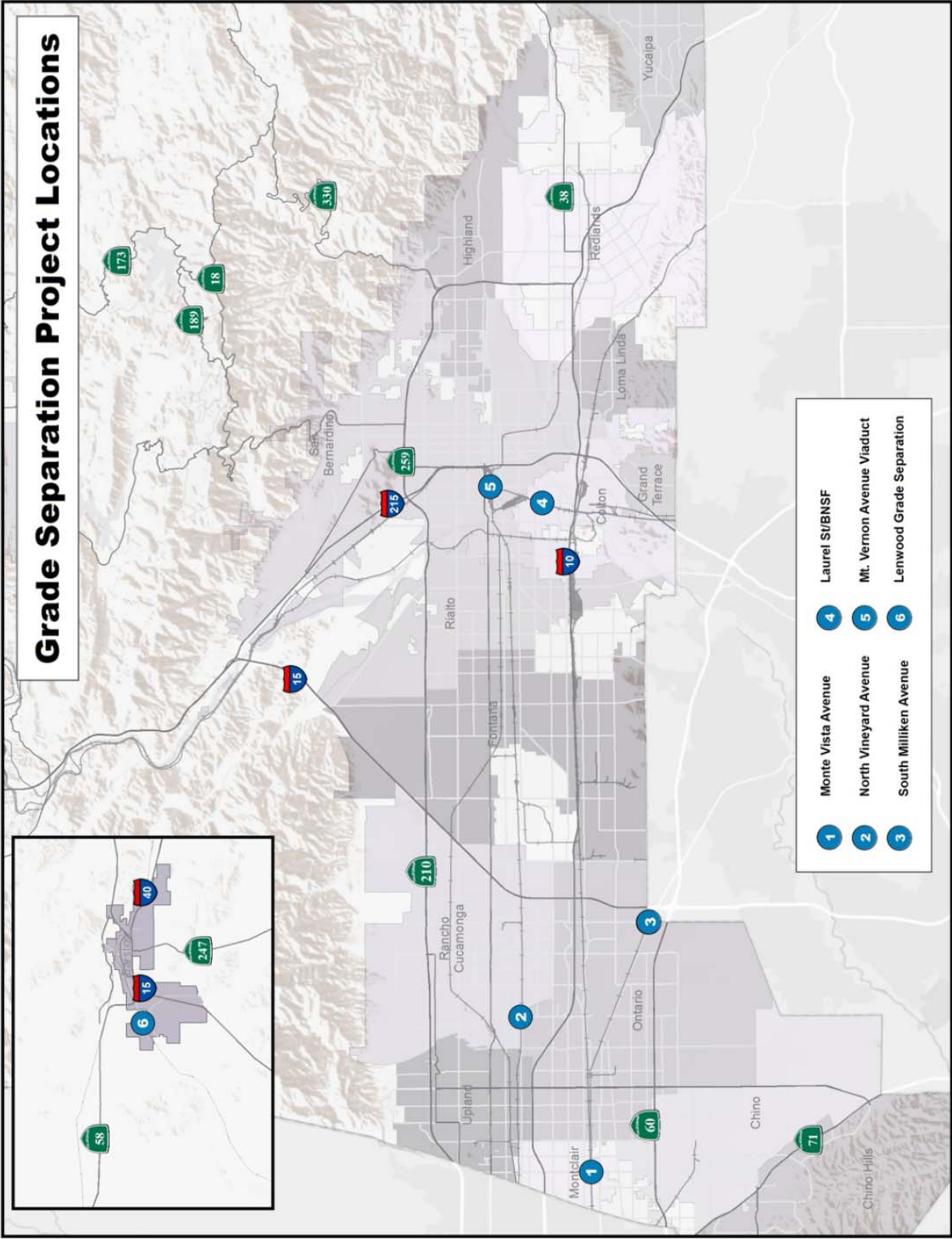


PROJECT LOCATION MAP  
INTERCHANGE PROJECTS



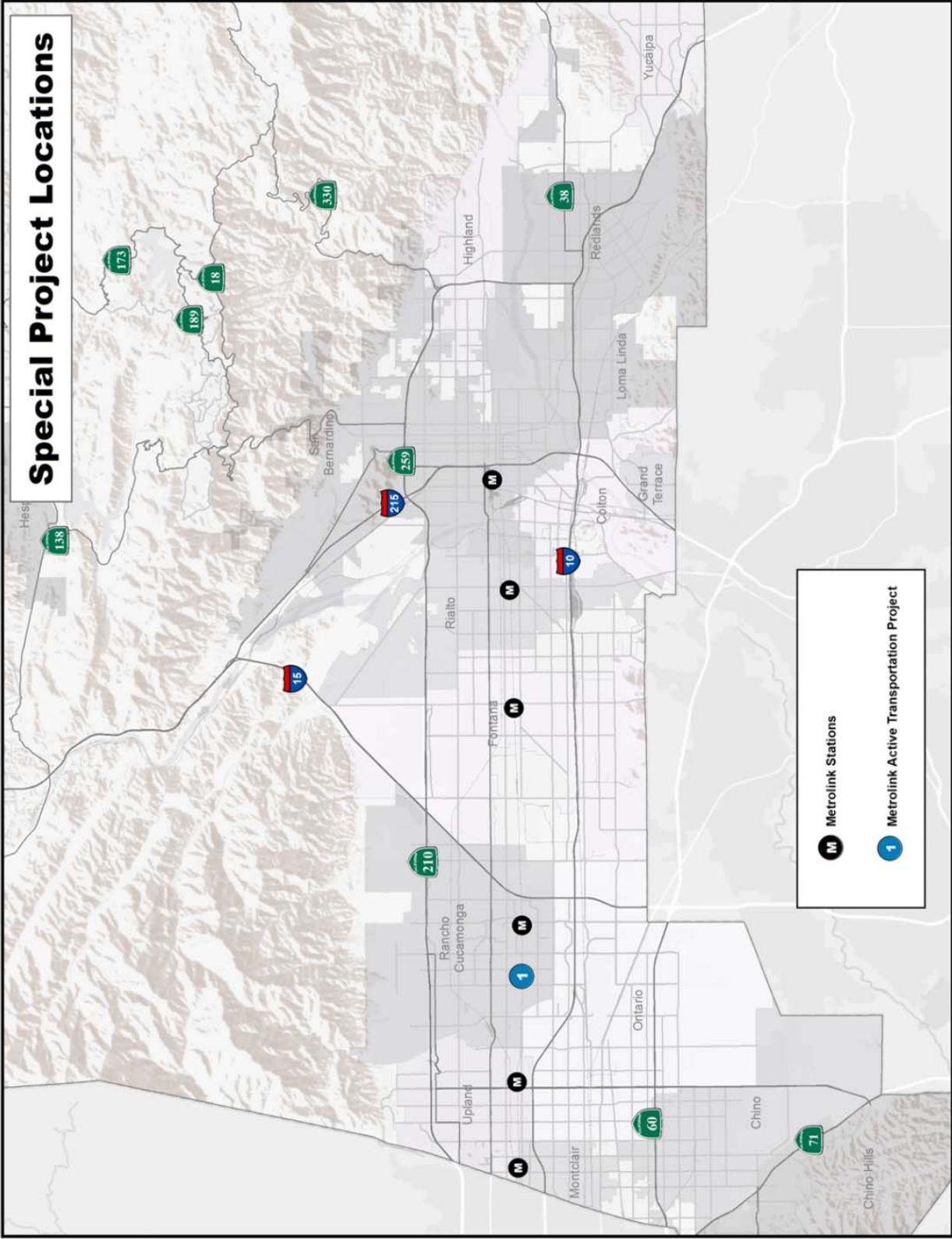


# PROJECT LOCATION MAP GRADE SEPARATION PROJECTS



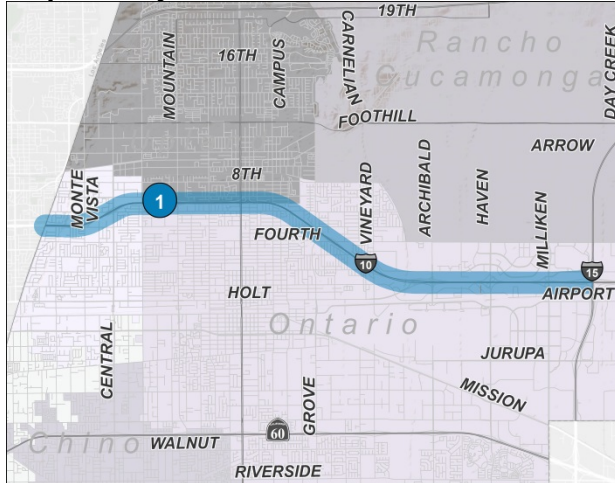


PROJECT LOCATION MAP  
SPECIAL PROJECTS



## I-10 CORRIDOR (CONTRACT 1)

### Map of Project:



### 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	Sept 2018
Complete for Beneficial Use	[Apr 2023]
End of Project	[Jun 2026]

### 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	\$828,318
Total	\$929,189

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

Funding Source	Amount
Federal – CMAQ/STP	\$279,423
Federal – TIFIA	\$212,330
State SHOPP	\$117,755
Measure I/City	\$150,963
State STIP/RIP	\$39,745
State TCIF	\$4,973
State LPP	\$6,169
State Regional TCEP	\$53,831
State TCEP	\$64,000
Total	\$929,189

2017 10-Year Delivery Plan: \$674,612,000

Board Approved Funding: \$929,189,000

### 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:

- Following the June 2018 Board approval and receipt of FHWA concurrence, the DB and TSP Contracts were awarded and NTP 1 has been issued on both contracts. NTP 1 activities have commenced and are progressing forward at this time.
- ROW discussions are ongoing with the City staff and property owners in Montclair, Upland, and Ontario. Staff is performing property investigations, appraisals and survey documents as part of the ROW phase.
- Staff is continuing to work with Caltrans to finalize cooperative agreements for Express Lane traffic operations, fiber system lease, and ongoing maintenance.

### Project Notes of Interest:

- Staff is coordinating with the Cities of Ontario, Montclair and Upland to execute the Freeway Agreements and Maintenance Agreements in the coming months.
- Staff is continuing to work with USDOT to finalize the terms for a TIFIA loan as a key element of the funding plan. The financial close milestone is currently anticipated in early March 2019.
- Final project costs approved in June 2018 includes cost of Caltrans SHOPP work.

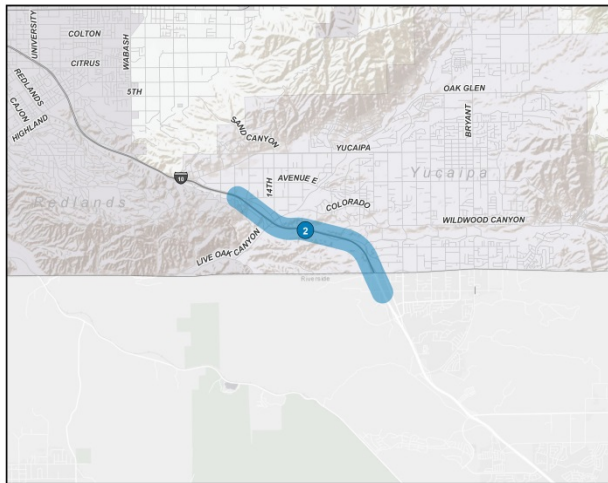
**Lead Agency:** SBCTA

**Project Manager:** Chad Costello (909) 884-8276  
ccostello@gosbcta.com

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

## I-10 EASTBOUND TRUCK CLIMBING LANE

### Map of Project:



### 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 Study Report (PSR) was approved in June 2017.
- Preliminary design and environmental studies are underway.
- Traffic studies have been completed.

### Project Notes of Interest:

- Funding for the project is presently programmed only through the PA/ED phase.
- The project is being coordinated with a current State Highway Operations and Protection Program (SHOPP) pavement rehabilitation project along the same post miles led by Caltrans. As a result, current cost estimates show a project savings due to some of the work being completed in the SHOPP project.
- 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  
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**Public/Media Contact:** Tim Watkins (909) 884-8276  
twatkins@gosbcta.com

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Oct 2015
Project Initiation Document (PID) Approved	Jun 2017
Environmental Clearance (PA/ED)	[Oct 2019]
Final Design Approved (RTL)	[May 2021]
Construction Notice to Proceed	[Nov 2021]
Complete for Beneficial Use	[Dec 2022]
End of Project	[Feb 2023]

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

Cost Item	Amount
Project Report and Env Document	\$2,027
Final Design	\$2,890
ROW	\$0
Construction Capital	\$25,263
Total	\$30,180

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

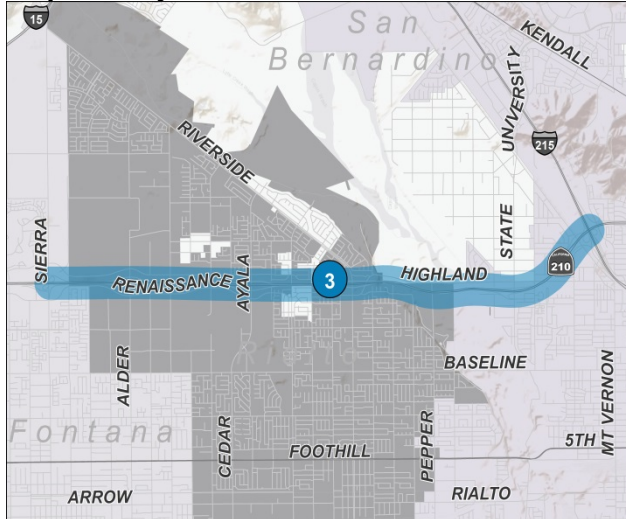
Funding Source	Amount
Future Funds	\$33,236
Measure I	\$1,706
TBD	\$(4,762)
Total	\$30,180

2017 10-Year Delivery Plan: \$34,942,000



## SR-210 FREEWAY EXTENSION

### Map of Project:



### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	2009
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	N/A
Final Design Approved (RTL)	Jul 2009
Construction Notice to Proceed	Oct 2009
Complete for Beneficial Use	Jul 2014
End of Project	[Sept 2019]

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

Cost Item	Amount
Project Report	\$80
Final Design	\$720
Construction	\$18,935
Total	\$19,735

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

Funding Source	Amount
Federal – STP	\$1,707
State – RIP-TE STIP-RIP	\$4,127
Measure I	\$13,901
Total	\$19,735

Board Approved Funding: \$19,735,000

### Project Scope Summary:

This project extended the existing SR-210 freeway from the Los Angeles-San Bernardino County line (Segment 1) to the I-215 Interchange (Segment 11) with three general-purpose lanes and one HOV lane in each direction.

### Current Project Summary:

This project is in the landscape extended plant maintenance phase on Segment 11.

### Project Benefit:

Construction of the SR-210 through San Bernardino valley provides an additional east/west freeway, thereby relieving congestion on I-10, SR-60 and other local arterial routes.

### Current Project Benefit:

Landscape beautification of the SR-210 corridor from Sierra Avenue in Fontana to the I-215 Interchange in San Bernardino. Use of drought tolerant plants, drip irrigation, and native wildflower seeding to minimize maintenance and water use.

### Project Status and Continuing Activities:

- Segment 11 is in a four (4) year extended plant maintenance, scheduled to be completed in September 2019.

### Project Notes of Interest:

- This landscape extended plant maintenance project is the last contract work for the SR-210 Freeway Extension legacy project from the 1990-2010 Measure I fund.

### Lead Agency:

Caltrans - Landscape Design  
SBCTA - Project Administration

### Project Manager:

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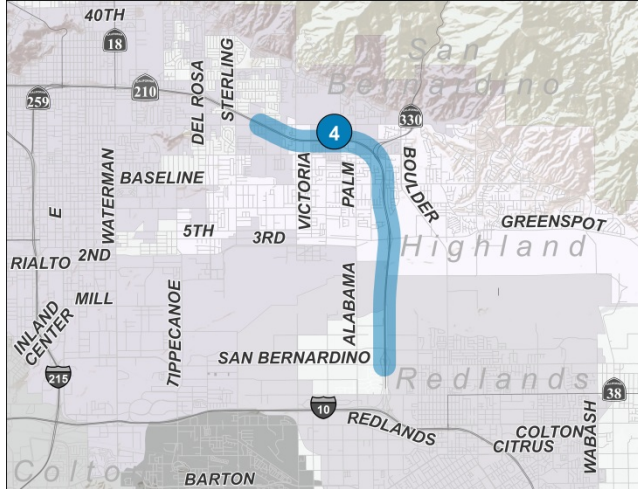
### Public/Media Contact:

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.

### Project Benefit:

The improvements will decrease congestion during peak traffic periods and improve traffic operations.

### Project Status and Continuing Activities:

- Final design and right-of-way is currently underway.
- Request for approval of the IFB for construction services is anticipated to be presented to the SBCTA Board of Directors in Spring 2019.

### 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 will be combined for the design, right-of-way, and construction phases to save cost and schedule.
- Caltrans pavement rehab work has been added through a Cooperative Agreement with Caltrans in January 2018 to this project's scope and funding (SHOPP) which includes new concrete pavement between 5<sup>th</sup> Street and Lugonia Avenue.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

**Lead Agency:** SBCTA

**Project Manager:** Juan Lizarde (909) 884-8276  
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**Public/Media Contact:** Tim Watkins (909) 884-8276  
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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)	[Mar 2019]
Construction Notice to Proceed	[Jul 2019]
Complete for Beneficial Use	[Jul 2022]
End of Project	[Jul 2027]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	Caltrans
Project Report	\$3,093
Final Design	\$12,690
ROW	\$5,305
Construction	\$158,026
Total	\$179,114

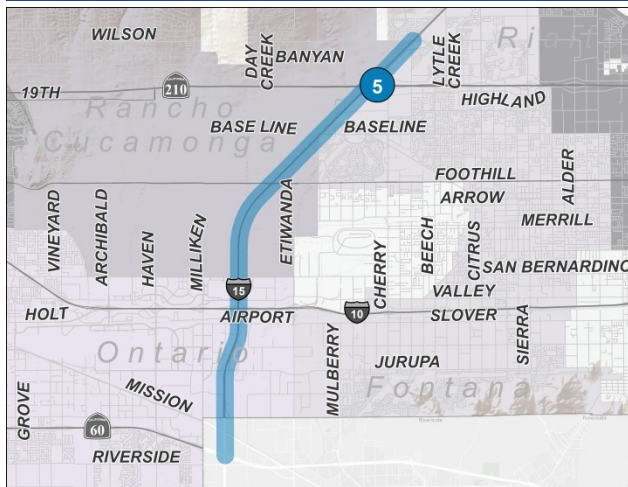
Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
State SHOPP	\$42,121
State STIP/RIP	\$25,000
Measure I	\$108,974
TBD	\$3,019
Total	\$179,114

2017 10-Year Delivery Plan: \$140, 932,000

Board Approved Funding: \$176,095,000

## I-15 CORRIDOR

### Map of Project:



#### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Oct 2012
Project Initiation Document (PID) Approved	Sept 2014
Environmental Clearance (PA/ED)	Dec 2018
Construction NTP (Design Build)	[Jul 2020]
Complete for Beneficial Use	[Feb 2024]
End of Project	[Apr 2029]

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

Cost Item	Amount
Project Report and Env Document	\$14,554
Final Design	\$26,070
ROW	\$4,814
Construction	\$465,571
Total	\$511,009

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

Funding Source	Amount
Toll Revenue	\$260,434
Measure I	\$110,335
TBD	\$140,240
Total	\$511,009

2017 10-Year Delivery Plan: \$370,769,000

### Project Scope Summary:

Addition of two express lanes in each direction on the I-15 from south of SR-60 to north of SR-210.

### Project Benefit:

Provide reliable travel times, manage traffic, and increase capacity.

### Project Status and Continuing Activities:

- The Environmental Document (ED) was circulated for public comment in February through March 2018. Project Approval and Environmental Document was obtained December 2018.
  - Traffic and revenue consultants are developing scenarios for SBCTA Board of Directors consideration and direction for the next project phases.
- ### Project Notes of Interest:
- The project study area connects the I-15 express lanes project in Riverside County which extends from SR-60 to south of SR-91 in Corona.
  - Cooperative Agreements for future phases will reflect updated budget estimates.
  - Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

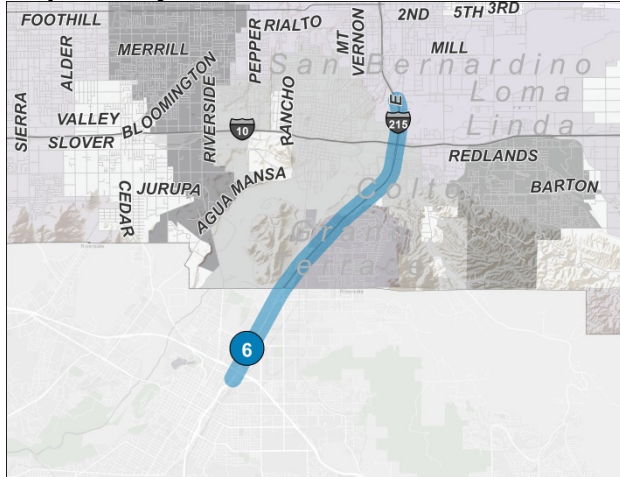
**Lead Agency:** SBCTA

**Project Manager:** Dennis Saylor (909) 884-8276  
dsaylor@gosbcta.com

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

## I-215 BI-COUNTY LANDSCAPING

### Map of Project:



### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Aug 2018
Project Initiation Document (PID) Approved	-incl. in PA/ED-
Environmental Clearance (PA/ED)	[Oct 2019]
Final Design Approved (RTL)	[Dec 2020]
Construction Notice to Proceed	[Jul 2021]
Complete for Beneficial Use	[Sep 2023]
End of Project	[Apr 2027]

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

Cost Item	Amount
Project Report and Env Document	\$520
Final Design	\$1,260
Construction	\$9,175
Total	\$10,955

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

Funding Source	Amount
Measure I	\$9,054
TBD	\$1,901
Total	\$10,955

2017 10-Year Delivery Plan: \$9,054,000

### 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:

- RFP for environmental and final design for landscaping is currently in progress.

### Project Notes of Interest:

- The HOV lanes are complete and were opened to traffic in late 2015.
- The project environmental document required follow up corridor landscaping. To comply with this requirement, the environmental and final design documents are being initiated for the landscaping work.
- The landscaping work is planned to end at the Riverside County line due to limited planting areas and potential future improvements within Riverside County.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

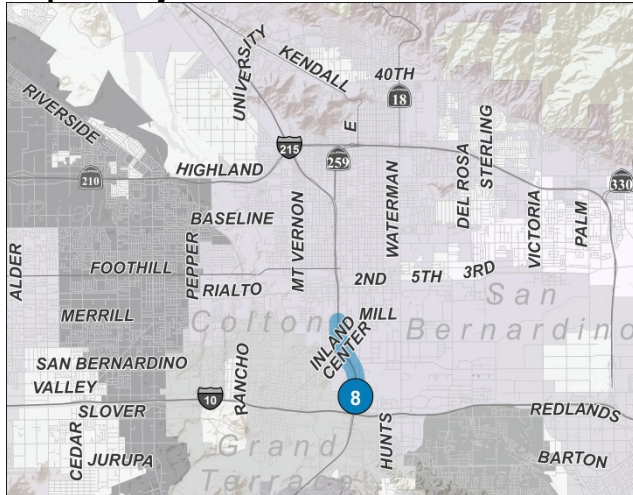
**Lead Agency:** SBCTA

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

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

## I-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:

- A Cooperative Agreement with Caltrans was approved by the SBCTA Board of Directors on October 5, 2016.
- Landscape construction contract awarded November 2017 with work starting February 2018 and completed in October 2018.
- Currently in a one (1) year plant establishment period which will be followed by four years of extended plant establishment.

### Project Notes of Interest:

- Landscaping design utilizes gravel mulch, boulders and drought tolerant plant material and palm trees irrigated with drip and bubbler systems to minimize water use.
- Estimate at completion slightly below 2017 10-Year Delivery Plan due to lower bid results.

### Lead Agency:

Caltrans – Landscape Design  
SBCTA –Construction

### Project Manager:

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jlizarde@gosbcta.com

### Public/Media Contact:

Tim Watkins (909) 884-8276  
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### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Jun 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	[Dec 2023]

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

Cost Item	Seg 1	Seg 3	Total
PA/ED	\$35	\$35	\$70
Final Design	\$602	\$602	\$1,204
Construction	\$4,345	\$3,668	\$8,013
	Total		\$9,287

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

Funding Source	Seg 1	Seg 3	Total
Federal - PNRs	\$3,677	\$3,249	\$6,926
Measure I	\$1,371	\$1,427	\$2,798
TBD			\$(437)
	Total		\$9,287

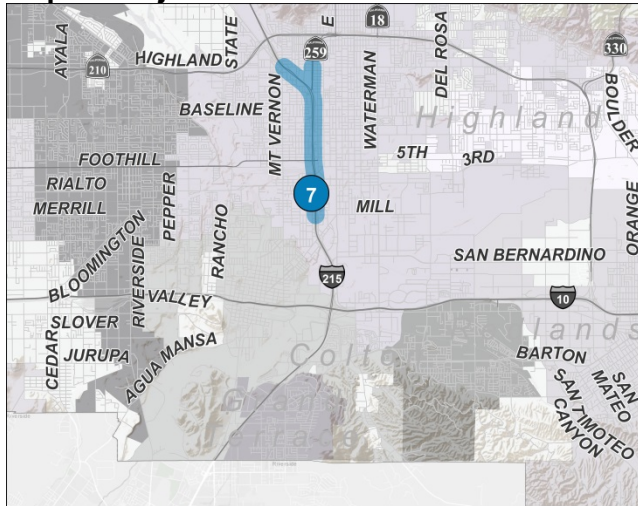
2017 10-Year Delivery Plan: \$9,724,000

Board Approved Funding: \$10,166,688



## I-215 WIDENING – SEGMENT 2 LANDSCAPE

### Map of Project:



### 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 Base Line Street to Highland Avenue.

### Project Status and Continuing Activities:

- A Construction Cooperative Agreement with Caltrans was approved by the SBCTA Board of Directors on February 22, 2017.
  - Project was advertised for construction services in September 2018, and a construction contract was awarded at the December 2018 Board of Directors meeting.
  - Landscape construction to begin in February 2019.
- Project Notes of Interest:**
- Landscaping design utilizes gravel mulch, boulders and drought tolerant plant material and palm trees irrigated with drip and bubbler systems to minimize water use.

### 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	[Jan 2020]
End of Project	[Nov 2024]

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

Cost Item	Amount
PA/ED	\$35
Final Design	\$602
Construction	\$5,048
Landscape EEP	\$300
Total	\$5,985

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

Funding Source	Amount
Federal - PNRS	\$4,554
Measure I	\$1,431
Total	\$5,985

2017 10-Year Delivery Plan: \$5,985,000

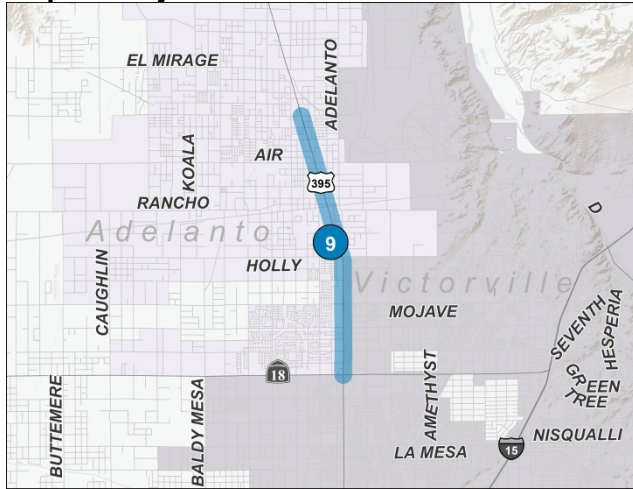
**Lead Agency:** Caltrans – Construction &  
Landscape Design  
SBCTA – Landscape Construction

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

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## US-395 WIDENING PROJECT – PHASE I

### Map of Project:



### Project Scope Summary:

Widen US-395 between SR-18 (Palmdale Road) and Chamberlaine Way from two lanes to four lanes. Install turn lanes and signals 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:

- The Notice to Bidders and Invitation for Bid was released in November with bids expected in January 2019.

### Project Notes of Interest:

- Future phases call for widening between I-15 and SR-18 and between Chamberlaine Way and Desert Flower Road.
- 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	Jul 2002
Project Initiation Document (PID)	Aug 2005
Environmental Clearance (PA/ED)	Dec 2009
Final Design Approved (RTL)	Oct 2018
Construction Notice to Proceed	[Apr 2019]
Complete for Beneficial Use	[Jan 2021]
End of Project	[Oct 2021]

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

Cost Item	Amount
Project Report and Env Doc	\$2,087
Final Design	\$6,118
ROW	\$12,847
Construction	\$37,139
Total	\$58,191

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

Funding Source	Amount
Federal - STP	\$13,365
Federal - DEMO	\$361
State - STIP/RIP	\$14,883
Measure I	\$528
Local Funds	\$600
State SHOPP	\$214
State TCEP	\$24,292
Federal 2016 Earmarks	\$2,558
TBD	\$1,390
Total	\$58,191

2017 10-Year Delivery Plan: \$56,828,000

Board Approved Funding: \$56,801,000

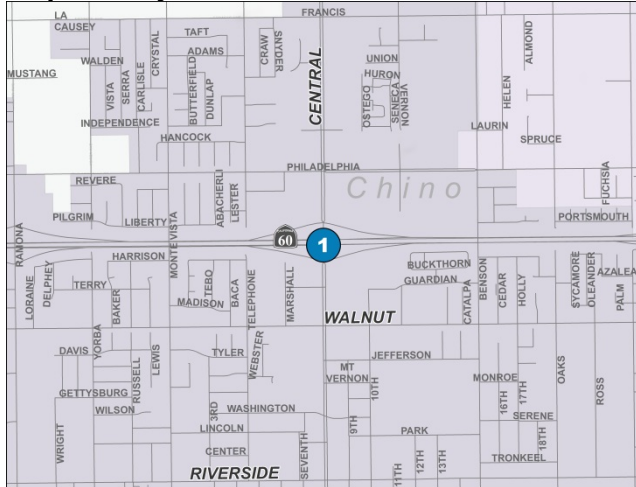
**Lead Agency:** SBCTA – Right of Way  
Caltrans – Design

**Project Manager:** Andrea Nieto (909) 884-8276  
anieto@gosbcta.com

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

## SR-60 / CENTRAL AVENUE

## Map of Project:



## Project Scope Summary:

The project will improve the freeway ramps, ramp intersections, and widen the existing bridge to improve freeway access.

## Project Benefit:

The project will provide additional storage for vehicles entering the freeway 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 Project Approval and Environmental Document (PA/ED) phase was completed in January 2018.
- Draft 95% plans and specifications are under review.
- A contract for a Construction Management firm was awarded by the SBCTA Board of Directors in April 2018.
- An amendment to the Cooperative Agreement with the City of Chino is pending SBCTA Board of Directors approval in January 2019 to address current costs in the construction phase.

## Project Notes of Interest:

- Replacement landscaping will be required on the interchange ramp gore areas.
- 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	June 2014
Project Initiation Document (PID) Approved	Aug 2016
Environmental Clearance (PA/ED)	Jan 2018
Final Design Approved (RTL)	[Jul 2019]
Construction Notice to Proceed	[Jan 2020]
Complete for Beneficial Use	[Apr 2021]
End of Project	[Apr 2026]

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

Cost Item	Amount
Project Report and Env Document	\$1,345
Final Design	\$1,550
ROW/Utilities Capital	\$771
Construction	\$28,098
Total	\$31,764

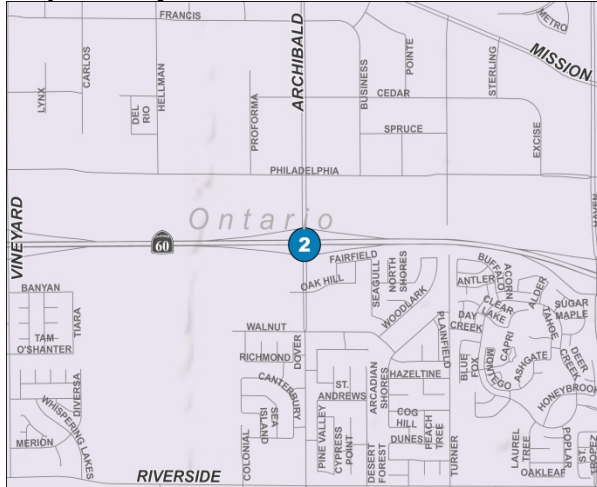
## Funding Estimate At Completion (\$ 000's)

Cost Item	Amount
Measure I	\$8,857
City of Chino DIF	\$12,639
TBD	\$10,268
Total	\$31,764

2017 10-Year Delivery Plan: \$21,496,000

## SR-60 / ARCHIBALD AVENUE

### Map of Project:



### Project Scope Summary:

The project will reconfigure the ramps on SR-60 at Archibald Avenue in the City of Ontario. The project will also widen Archibald Avenue to increase the left turn capacity.

### Project Benefit:

The project will improve traffic operations and reduce congestion at the interchange.

### Project Status and Continuing Activities:

- Budgetary Estimate at Completion increased due to project management and estimated construction cost increases.
- Funding agreement will be amended to include TCIF funds once the engineers estimate is finalized.
- 95% Plans have been completed and are currently being reviewed by Caltrans, the City of Ontario, and SBCTA.

### Project Notes of Interest:

- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.
- Based on current cost estimates, project savings anticipated in the 2017 10-Year Delivery Plan, from the 2014 Cooperative Agreement were not realized.

### 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)	[Jul 2019]
Construction Notice to Proceed	[Jan 2020]
Complete for Beneficial Use	[Apr 2021]
End of Project	[Dec 2021]

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

Cost Item	Amount
Study Report/Project Report	\$867
Final Design	\$1,358
ROW/Utilities	\$1,700
Construction	\$18,615
Total	\$22,540

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

Cost Item	Amount
Measure I	\$4,240
City of Ontario	\$8,505
TBD	\$9,795
Total	\$22,540

2017 10-Year Delivery Plan: \$12,745,000  
 2014 Board Approved Co-op: \$14,563,000

**Lead Agency:** SBCTA

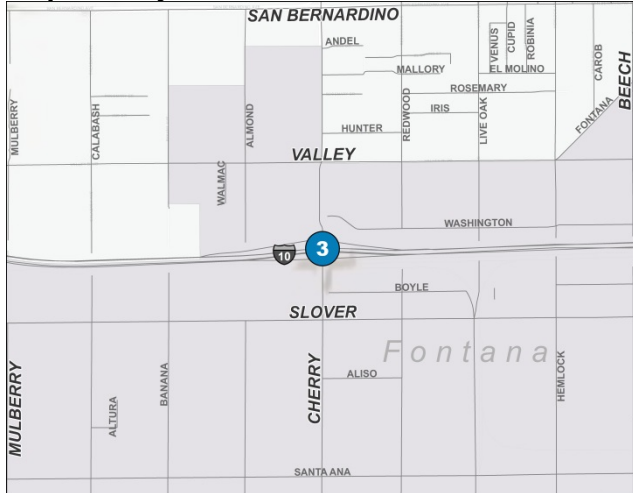
**Project Manager:** Andrea Nieto (909) 884-8276  
 anieto@gosbcta.com

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



## I-10 / CHERRY AVENUE

### Map of Project:



### Project Scope Summary:

This project replaced the existing five-lane Cherry Avenue bridge with an eight-lane bridge and added one lane to each ramp.

### Project Benefit:

This project provided operational and safety improvements and greatly reduced traffic congestion at the I-10 interchange at Cherry Avenue.

### Project Status and Continuing Activities:

- The new bridge was opened to traffic on January 17, 2015.
- A four-year Establish Existing Planting (EEP) contract was awarded in May 2016 and is ongoing.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	1998
Project Initiation Document (PID) Approved	2001
Environmental Clearance (PA/ED)	Feb 2009
Final Design Approved (RTL)	Sept 2011
Construction Notice to Proceed	Oct 2012
Complete for Beneficial Use	Jan 2015
End of Project	[May 2020]

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

Cost Item	Amount
Study Report	City/Caltrans
Project Report	\$781
Final Design	\$6,600
ROW	\$13,003
Construction	\$60,281
Total	\$80,665

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

Cost Item	Amount
Federal - TCIF	\$30,520
Federal - IMD	\$1,215
State - STIP/RIP	\$3,908
County of San Bernardino DIF	\$18,035
Measure I	\$16,897
City of Fontana DIF	\$10,090
Total	\$80,665

10-Year Delivery Plan: \$77,790,000

Board Approved Funding: \$80,665,000

### Lead Agency:

SBCTA

### Project Manager:

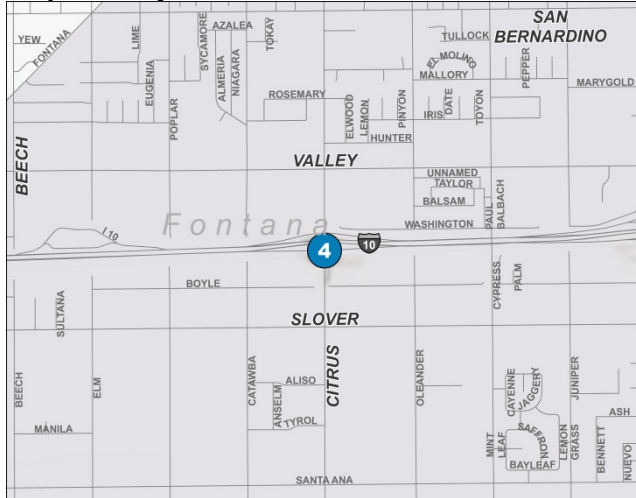
Mike Barnum (909) 884-8276  
mbarnum@gosbcta.com

### Public/Media Contact:

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

## I-10 / CITRUS AVENUE

### Map of Project:



### Project Scope Summary:

This project replaced the existing four-lane bridge over I-10 with a seven-lane bridge and added one lane to each ramp.

### Project Benefit:

This project reduced traffic congestion and improved safety.

### Project Status and Continuing Activities:

- A four-year Establish Existing Planting (EEP) contract was awarded in June 2015 and work is ongoing.
- Anticipated completion of EEP in August 2019.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	1998
Project Initiation Document (PID) Approved	2001
Environmental Clearance (PA/ED)	Feb 2009
Final Design Approved (RTL)	June 2011
Construction Notice to Proceed	Apr 2012
Complete for Beneficial Use	May 2014
End of Project	[Aug 2019]

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

Cost Item	Amount
Study Report	City
Project Report	\$1,138
Final Design	\$5,609
ROW	\$10,755
Construction	\$40,232
Total	\$57,734

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

Cost Item	Amount
Federal - STP	\$24,419
Federal - CMAQ	\$2,243
State - STIP/RIP	\$3,238
Measure I	\$5,663
County of San Bernardino DIF	\$118
City of Fontana DIF	\$22,053
Total	\$57,734

2017 10-Year Delivery Plan: \$57,734,000

### Lead Agency:

SBCTA

### Project Manager:

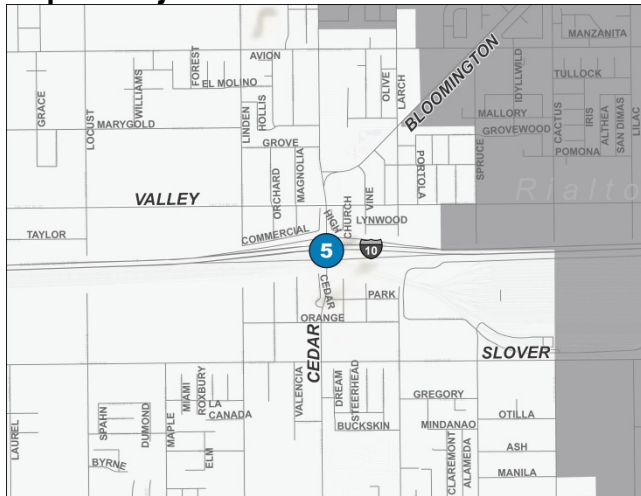
Mike Barnum (909) 884-8276  
mbarnum@gosbcta.com

### Public/Media Contact:

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

## 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:

- Caltrans has completed initial project surveys and base maps for the preliminary design plans.
- The County of San Bernardino right-of-way team is performing an initial review of the preliminary right-of-way requirements and is facilitating railroad coordination.

### Project Notes of Interest:

- A Cooperative Agreement for PS&E was executed in 2014 between the County and Caltrans for the County to be the lead agency and Caltrans to execute this phase. SBCTA will be the project manager for this phase.
- The Cooperative Agreement for PS&E between the County and SBCTA was executed on February 7, 2018.
- A cooperative Agreement for the ROW and construction phases has been approved by the County Board of Supervisors and SBCTA Board of Directors.
- Construction phase estimate has been increased based on Caltrans latest cost estimate.

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

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

**Public/Media** Tim Watkins (909) 884-8276

**Contact:** 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)	July 2013
Final Design Approved (RTL)	[Dec 2020]
Construction Notice to Proceed	[Jun 2021]
Complete for Beneficial Use	[Apr 2024]
End of Project	[Mar 2029]

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

Cost Item	Amount
Study Report	County
Project Report	\$559
Final Design	\$7,865
ROW	\$2,250
Construction	\$100,676
Total	\$111,350

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

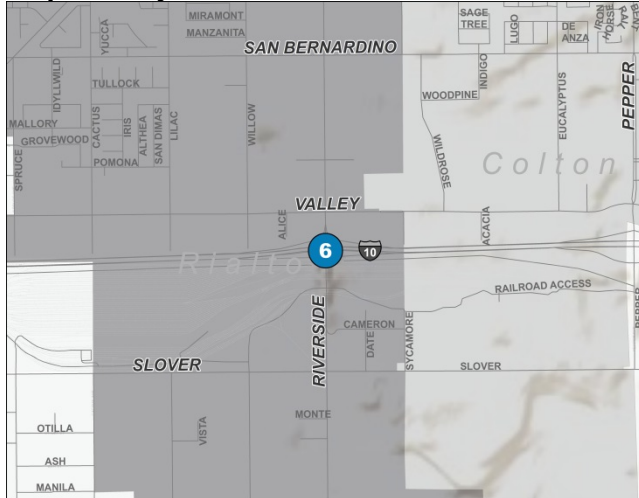
Cost Item	Amount
Federal - STP	\$6,500
Measure I	\$73,458
County of San Bernardino DIF	\$31,392
Total	\$111,350

2017 10-Year Delivery Plan: \$71,947,000

Board Approved Funding: \$111,350,000

## I-10 / RIVERSIDE AVENUE

### Map of Project:



### Project Scope Summary:

This project replaced the existing five-lane Riverside Avenue bridge over I-10 with a nine-lane bridge.

### Project Benefit:

This project improved traffic flow and safety.

### Project Status and Continuing Activities:

- The project completed a four-year plant establishment period in December 2018.

### Project Notes of Interest:

- Landscaping is being irrigated with reclaimed water provided by the City of Rialto.
- Estimate at completion based on actual costs.

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	1995
Project Initiation Document (PID) Approved	Mar 1997
Environmental Clearance (PA/ED)	May 1999 Feb 2008
Final Design Approved (RTL)	Jun 2009
Construction Notice to Proceed	Sept 2009
Complete for Beneficial Use	Nov 2011
End of Project	Dec 2018

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	- Rialto -
Project Report	- Rialto -
Final Design	\$2,324
ROW	\$2,000
Construction	\$35,700
Total	\$40,024

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$3,425
City of Rialto DIF	\$36,599
Total	\$40,024

Board Approved Funding: \$40,024,000

**Lead Agency:** SBCTA

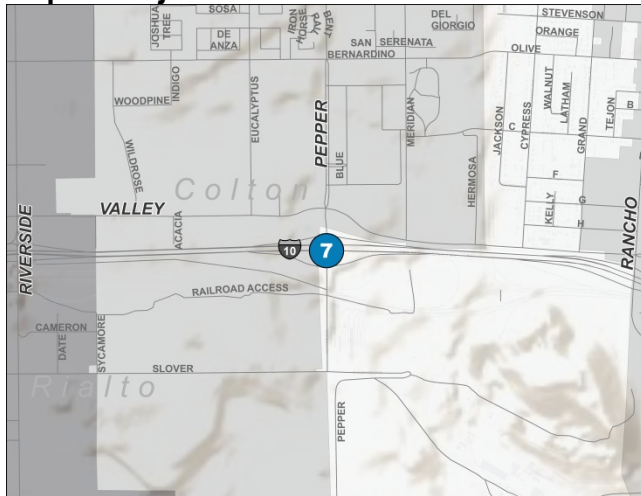
**Project Manager:** Tim Kirkley (909) 884-8276  
tkirkley@gosbcta.com

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



## I-10 / PEPPER AVENUE

### Map of Project:



### Project Scope Summary:

The reconstruction of the interchange includes constructing a five-lane bridge and intersection improvements.

### Project Benefit:

The project will improve traffic operations and reduce congestion along Pepper Avenue.

### Project Status and Continuing Activities:

- Working with Contractor on final payment and close out.

### Project Notes of Interest:

- New bridge structure was substantially complete and open to traffic on May 24, 2017.
- A ribbon cutting ceremony was held on August 15, 2017 celebrating the project as complete for beneficial use.
- The project won the Interchange Project of Year award at the 29<sup>th</sup> Annual California Transportation Foundation Awards Program in 2018.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Mar 2013
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Feb 2015
Final Design Approved (RTL)	June 2015
Construction Notice to Proceed	Feb 2016
Complete for Beneficial Use	Aug 2017
End of Project	[May 2019]

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

Cost Item	Amount
Project Report	\$241
Final Design	\$652
Construction	\$8,620
Total	\$9,513

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

Cost Item	Amount
Federal - Demo	\$5,429
Federal - IMD	\$874
State - TCIF	\$1,040
Measure I	\$719
City of Colton DIF	\$811
WVWD	\$642
Total	\$9,513

2017 10-Year Delivery Plan: \$9,513,000

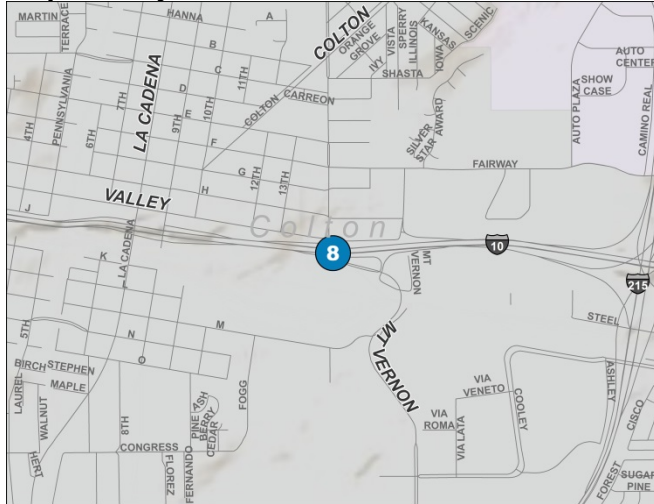
**Lead Agency:** SBCTA

**Project Manager:** Tim Kirkley (909) 884-8276  
tkirkley@gosbcta.com

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

## I-10 / MOUNT VERNON AVENUE

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

This project will make operational and safety improvements and reduce local traffic congestion along Mount Vernon Avenue at the I-10 interchange.

### Project Status and Continuing Activities:

- The planning phase was completed in December 2018 with the approval of the PID.
- SBCTA Board of Directors approved a funding plan, and a contract for PA/ED and PS&E design services at the July 2018 Board meeting.
- Budgetary estimate at completion reflects ROW cost impacts significantly greater than originally anticipated.
- Construction costs have increased based on project study report alternative.

### Project Notes of Interest:

- SBCTA is leading the Planning, PA/ED, PS&E, and ROW phases of the project.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

### Lead Agency:

SBCTA

### Project Manager:

Andrea Nieto (909) 884-8276  
anieto@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)	[May 2020 ]
Final Design Approved (RTL)	[Aug 2021 ]
Construction Notice to Proceed	[Jan 2022]
Complete for Beneficial Use	[Sept 2023 ]
End of Project	[Jul 2024 ]

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

Cost Item	Amount
Study Report//PA/ED	\$2,603
Final Design	\$2,575
ROW	\$4,675
Construction	\$45,018
Total	\$54,871

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

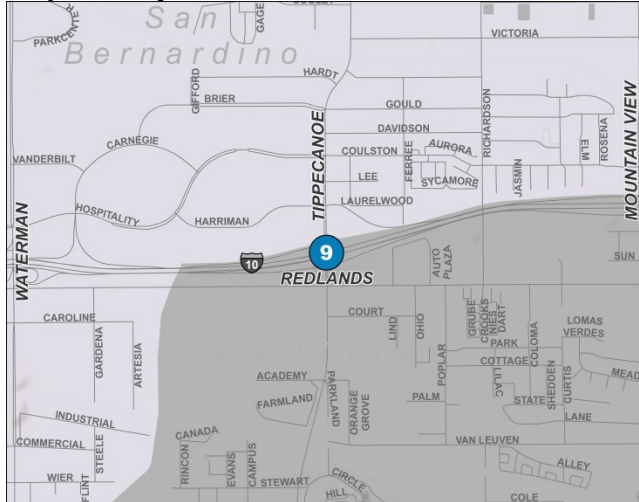
Cost Item	Amount
Measure I	\$51,093
City of Colton DIF	\$2,746
TBD	\$1,032
Total	\$54,871

2017 10-Year Delivery Plan: \$38,491,000

Board Approved Funding: \$53,839,000

## I-10 / TIPPECANOE AVENUE – PHASE I

### Map of Project:



### Project Scope Summary:

Project widened the I-10/Tippecanoe Avenue eastbound off-ramp, and added turn lanes. To accommodate these lanes of travel, San Timoteo Creek Bridge was widened and the adjacent drainage channel was enclosed.

### Project Benefit:

This project improved operations of the eastbound off-ramp, resulting in reduced congestion.

### Project Status and Continuing Activities:

- The project is currently in a four year plant establishment period, which is included in the Phase II project and is scheduled for completion in April 2019.

### Project Notes of Interest:

- The Project has greatly improved the movement of traffic with the synchronization of the eastbound ramps, traffic signal with City owned signals, and expanded capacity.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	May 1997
Project Initiation Document (PID) Approved	Aug 2002
Environmental Clearance (PA/ED)	Jan 2011
Final Design Approved (RTL)	Jan 2012
Construction Notice to Proceed	Aug 2012
Complete for Beneficial Use	Mar 2014
End of Project	Jun 2016

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

Cost Item	Amount
Project Report	\$1,866
Final Design	\$6,388
Construction	\$16,650
Total	\$24,904

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

Cost Item	Amount
State - CMIA	\$10,000
Measure I	\$12,244
Federal - STP	\$2,660
Total	\$24,904

2017 10-Year Delivery Plan: \$24,904,000

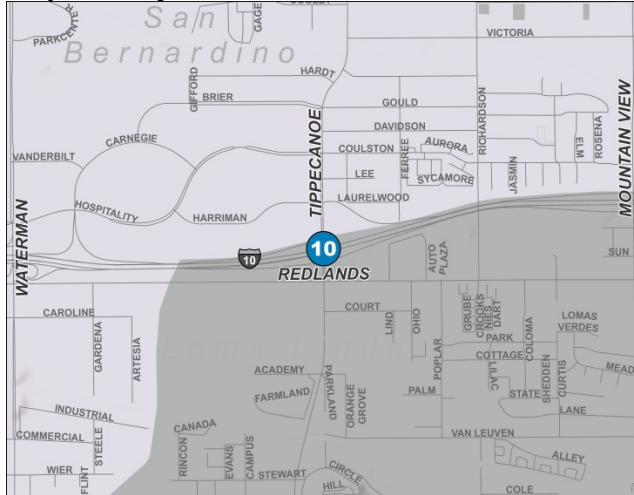
**Lead Agency:** SBCTA

**Project Manager:** Tim Kirkley(909) 884-8276  
tkirkley@gosbcta.com

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

## I-10 / TIPPECANOE AVENUE – PHASE II

### Map of Project:



### Project Scope Summary:

This project reconfigured the I-10/Tippecanoe Avenue interchange.

### Project Benefit:

This project improved traffic flow and safety of the interchange and the adjacent intersections, resulting in reduced congestion.

### Project Status and Continuing Activities:

- The new westbound off-ramp opened in April 2016.

### Project Notes of Interest:

- Construction was completed in December 2016.
- The four (4) year extended existing plant maintenance began in June 2017, and includes Phase I project limits.
- Phase II extended plant maintenance will be completed in August 2021.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Dec 2005
Project Initiation Document (PID) Approved	Dec 2008
Environmental Clearance (PA/ED)	Jan 2011
Final Design Approved (RTL)	Sept 2014
Construction Notice to Proceed	Feb 2015
Complete for Beneficial Use	Apr 2016
End of Project	[Aug 2021]

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

Cost Item	Amount
Study Report	Incl in Phase I
Final Design	\$2,532
ROW	\$34,176
Landscape Maintenance	\$610
Construction	\$16,914
Total	\$54,232

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

Cost Item	Amount
Federal DEMO/IMD/Earmarks	\$30,337
Measure I	\$8,009
State - IIP	\$3,000
State - TCIF	\$8,691
Local - IVDA	\$1,562
City of San Bernardino DIF	\$1,562
City of Loma Linda DIF	\$1,562
TBD	\$(491)
Total	\$54,232

2017 10-Year Delivery Plan: \$54,723,000

### Lead Agency:

SBCTA

### Project Manager:

Tim Kirkley (909) 884-8276  
tkirkley@gosbcta.com

### Public/Media Contact:

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



## 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) phase was completed in December 2017.
- Project Approval/Environmental Documents (PA/ED) is currently in process.

### Project Notes of Interest:

- SBCTA will lead the planning, design, right-of-way, and construction phases.
- This project is the sixth highest priority project in the Measure I 2010-2040 Freeway Interchange Program.
- 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	Feb 2017
Project Initiation Document (PID) Approved	Dec 2017
Environmental Clearance (PA/ED)	[Mar 2019]
Final Design Approved (RTL)	[Jul 2020]
Construction Notice to Proceed	[Dec 2020]
Complete for Beneficial Use	[Sept 2021]
End of Project	[Sept 2026]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
PA/ED	\$1,014
Final Design	\$1,165
ROW	\$41
Construction	\$9,373
Total	\$11,593

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$4,895
City of Redlands DIF	\$6,087
TBD	\$611
Total	\$11,593

2017 10-Year Delivery Plan: \$10,982,000

**Lead Agency:**

SBCTA

**Project Manager:**

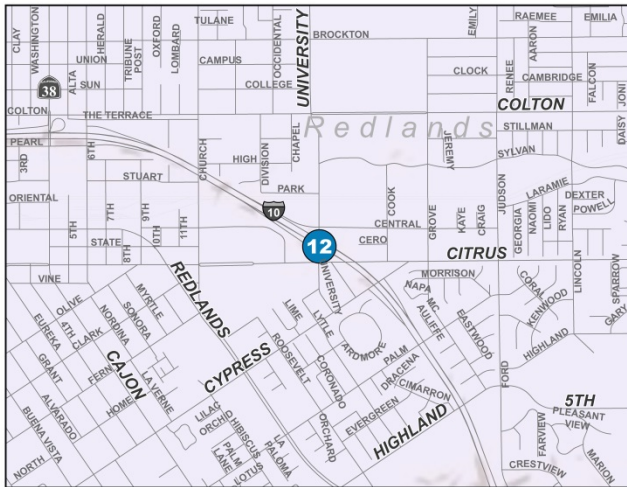
Heng Chow (909) 884-8276  
Hchow@gosbcta.com

**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, 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:

- Environmental Clearance was approved in February 2017.
- Development of Plans, Specifications, and Estimate (PS&E) is in process.
- Final Design is anticipated to be completed in Spring 2019.

### Project Notes of Interest:

- The interchange serves as the gateway for the University of Redlands and Redlands High School.
- An Invitation for Bid (IFB) for construction services is anticipated to be released in mid-2019.
- Construction phase cost estimate is currently being updated in the 95% PS&E document.

**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)	[Apr 2019]
Construction Notice to Proceed	[Sep 2019]
Complete for Beneficial Use	[Aug 2020]
End of Project	[Jul 2025]

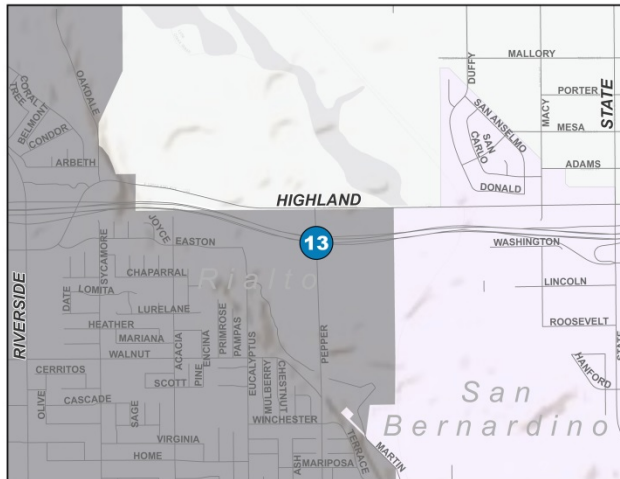
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
PEER/ED	\$435
Final Design	\$807
Construction	\$4,166
Total	\$5,408

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$4,373
City of Redlands DIF	\$1,047
TBD	\$(12)
Total	\$5,408

2017 10-Year Delivery Plan: \$5,420,000

## SR-210 / PEPPER AVENUE

### Map of Project:



### Project Scope Summary:

This project will provide a new freeway interchange to serve the City of Rialto.

### Project Benefit:

The project will provide freeway access to and from the local transportation system.

### Project Status and Continuing Activities:

- The interchange was opened to the public and a dedication ceremony was held in June 2018.
- The one-year plant establishment period began in August 2018.
- Budgetary estimate at completion includes future extended landscape maintenance.

### Project Notes of Interest:

- The structure was completed with the freeway mainline. This project completes the ramps and other ancillary improvements.
- The one year plant establishment period will be followed by a four-year plant maintenance program

### 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	[Jun 2023]

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

Cost Item	Amount
Study Report	N/A
Project Report	\$1,731
Final Design	\$1,625
ROW	\$1,196
Construction	\$18,074
Total	\$22,626

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

Cost Item	Amount
Federal - STP	\$15,213
Measure I 1990-2010	\$9,063
WVWD	\$320
TBD	\$(1,970)
Total	\$22,626

2017 10-Year Delivery Plan: \$24,596,000

### Lead Agency:

SBCTA

### Project Manager:

Paul Melocoton (909) 884-8276  
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### Public/Media Contact:

Tim Watkins (909) 884-8276  
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## 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.

## Project Benefit:

This project will make operational and safety improvements and reduce local traffic congestion at the SR-210 interchange.

## Project Status and Continuing Activities:

- Final design and right-of-way is currently underway.
- A Construction Cooperative Agreement with the City of Highland was approved at the SBCTA Board of Directors on July 11, 2018.
- Request for approval of the IFB for construction services is anticipated to be presented to the SBCTA Board of Directors in Spring 2019.

## 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 will be combined for the design, right-of-way, and construction phases to save cost and schedule.
- Construction phase estimate 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	Feb 2013
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Dec 2016
Final Design Approved (RTL)	[Mar 2019]
Construction Notice to Proceed	[Jul 2019]
Complete for Beneficial Use	[Jul 2022]
End of Project	[Jul 2027]

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

Cost Item	Amount
Study Report	\$207
Project Report	\$1,049
Final Design	\$1,699
ROW	\$1,272
Construction	\$28,626
Total	\$32,853

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

Cost Item	Amount
Measure I	\$18,389
City of Highland DIF	\$13,262
TBD	\$1,202
Total	\$32,853

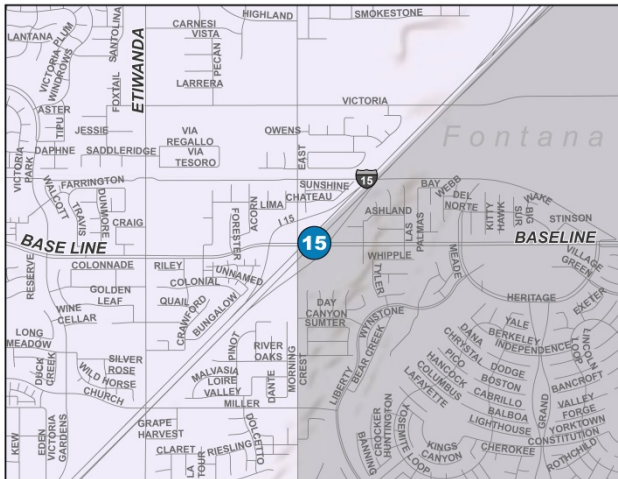
2017 10-Year Delivery Plan: \$26,198,000

Board Approved Funding: \$31,651,651



## I-15 / BASELINE ROAD

### Map of Project:



### Project Scope Summary:

The project will widen Baseline Road and East Avenue, and reconfigure the northbound and southbound on and off ramps.

### Project Benefit:

Increased capacity to meet current as well as future traffic flow demands as well as improved safety and efficiencies.

### Project Status and Continuing Activities:

- Ribbon cutting ceremony was held on December 13, 2016.

- Project is in close out phase.

### Project Notes of Interest:

- The City of Rancho Cucamonga was the lead agency for the design phase and right-of-way acquisition. SBCTA is the lead on management of the construction phase of the project.
- A 1-year plant establishment program was completed on August 22, 2018.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	1999
Project Initiation Document (PID) Approved	Apr 2002
Environmental Clearance (PA/ED)	Nov 2011
Final Design Approved (RTL)	May 2013
Construction Notice to Proceed	Oct 2014
Complete for Beneficial Use	Dec 2016
End of Project	[Jun 2019]

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

Cost Item	Amount
Project Report and Env Document	\$1,000
Final Design	\$4,630
ROW	\$5,029
Construction	\$38,315
Total	\$48,974

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

Cost Item	Amount
Federal - HBP	\$419
Federal - Demo	\$7,200
Federal - IMD	\$3,754
State - SLPP	\$1,000
Measure I	\$20,853
City of Rancho Cucamonga DIF	\$15,748
Total	\$48,974

2017 10-Year Delivery Plan: \$48,974,000

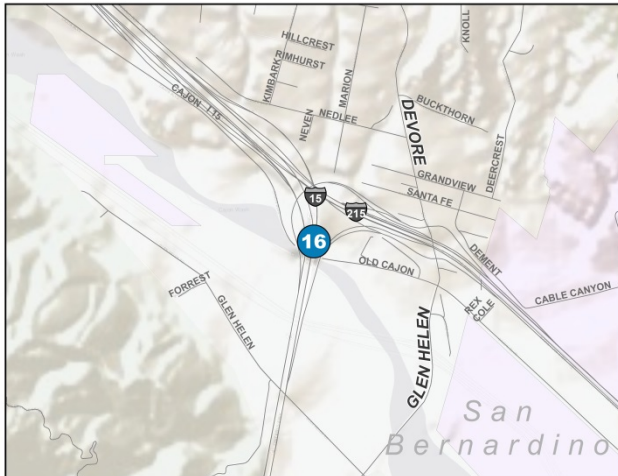
**Lead Agency:** SBCTA

**Project Manager:** Mike Barnum (909) 884-8276  
mbarnum@gosbcta.com

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

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

### Map of Project:



### 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 work is nearly complete.
- Resolution of right-of-way interests including disposal of excess land is ongoing.
- Post construction environmental mitigation and monitoring is required.

### Project Notes of Interest:

- Project is complete for beneficial use.

### 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	Jun 2016
End of Project	[Mar 2019]

### 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)

Cost Item	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

2017 10-Year Delivery Plan: \$325,005,000

### Lead Agency:

Caltrans – Design Build  
SBCTA - Right-Of-Way,  
Utilities, Railroad

### Project Manager:

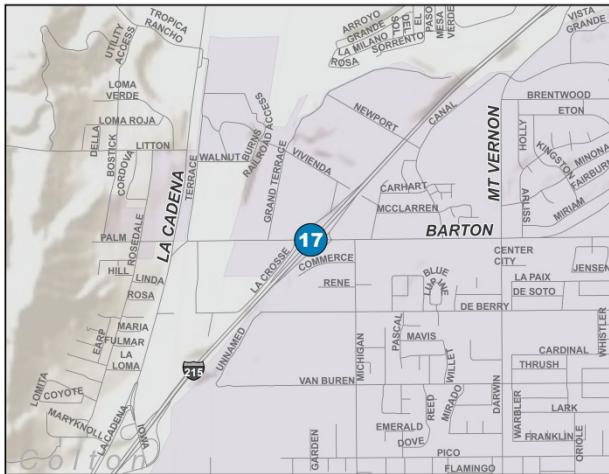
Dennis Saylor (909) 884-8276  
dsaylor@gosbcta.com

### Public/Media Contact:

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## I-215 / BARTON ROAD

### Map of Project:



### Project Scope Summary:

This project will reconstruct the interchange. The existing overcrossing will be replaced with a new structure with four through lanes and a longer structure to accommodate the ultimate mainline widening. This project also includes the widening of Barton Road to two through lanes in each direction and implementation of a roundabout.

### Project Benefit:

The project will improve traffic flow and safety resulting in reduced congestion.

### Project Status and Continuing Activities:

- Construction began in January 2018.
- Budgetary estimate at completion may increase due to potential increases in utility relocation costs. An estimate is currently in process.
- ROW Agreement amendment was approved on December 6, 2017.

### Project Notes of Interest:

- Caltrans is leading the development of the design phase and construction phase.
- The project was selected as one of six statewide projects to use the CM/GC delivery method. With this method, the contractor assisted Caltrans with design to improve constructability.

### Lead Agency:

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

### Project Manager:

Andrea Nieto (909) 884-8276  
anieto@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	[Feb 2020]
End of Project	[Apr 2021]

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

Cost Item	Amount
Study Report	-Incl in PA/ED-
Project Report	\$2,991
Final Design	\$6,486
ROW	\$40,957
Construction	\$60,079
Totals	\$110,513

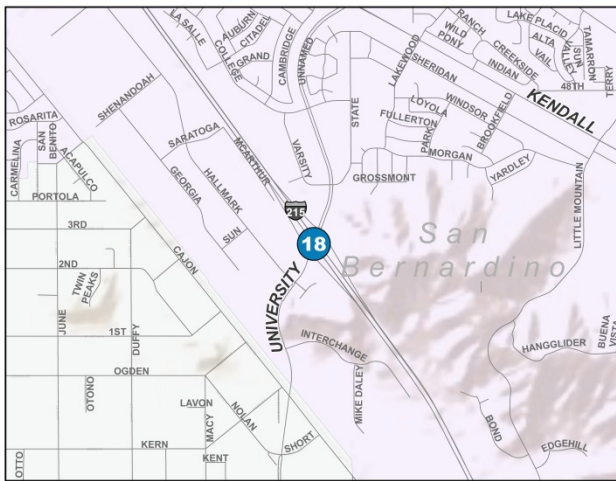
### Funding Estimate At Completion (\$ 000's)

Cost Item	Amount
State – STIP/RIP	\$17,400
Federal - STP	\$16,108
Federal - Section 112	\$1,980
Federal - Section 115	\$501
Federal - DEMO	\$6,481
Federal - EARREPU	\$1,710
Measure I (2010-2040)	\$57,634
RCTC	\$156
Measure I (1990-2010)	\$2,133
TBD	\$6,410
Total	\$110,513

Board Approved Funding: \$104,103,000

## 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 to and from the California State University at San Bernardino campus.

### Project Benefit:

The project will reduce delays and improve freeway access.

### Project Status and Continuing Activities:

- Geometric Approval Drawing (GAD) has been submitted to Caltrans for approval.
- Environmental technical studies have begun.
- Budgetary estimate at completion includes scope changes and escalation to both construction and ROW. An amendment to the Cooperative Agreement with the City of San Bernardino is anticipated in the Spring of 2019 to address estimated cost increases in the ROW and Construction phases.

### Project Notes of Interest:

- A Diverging Diamond Interchange (DDI) configuration was determined to be a feasible interchange configuration for the project with anticipated minimal right-of-way impacts and lower construction costs.
- 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  
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**Public/Media Contact:** Tim Watkins (909) 884-8276  
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### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Nov 2015
Project Initiation Document (PID) Approved	Oct 2016
Environmental Clearance (PA/ED)	[Jun 2019]
Final Design Approved (RTL)	[Aug 2020]
Construction Notice to Proceed	[Mar 2021]
Complete for Beneficial Use	[Jan 2022]
End of Project	[Nov 2022]

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

Cost Item	Amount
Study Report	
Project Report	\$1,181
Final Design	\$833
ROW	\$712
Construction	\$7,243
Totals	\$9,969

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

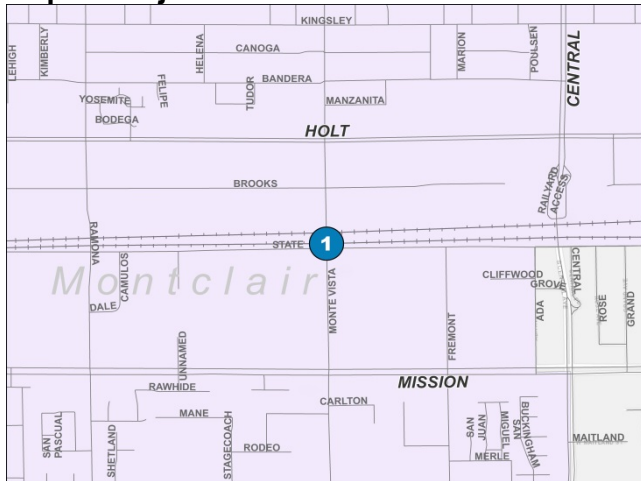
Cost Item	Amount
Federal - STP	\$4,223
Federal - DEMO	\$735
Measure I	\$1,023
City of San Bernardino DIF	\$192
TBD	\$3,796
Total	\$9,969

2017 10-Year Delivery Plan: \$6,173,000



## 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 are complete and were led by the City of Montclair.
- A contract for construction services was approved by the SBCTA Board of Directors in July 2017.
- Project is approximately 60 percent complete.

### Project Notes of Interest:

- A ground breaking ceremony was held in October 2017.

### 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	[May 2019]
End of Project	[Mar 2020]

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

Cost Item	Amount
Project Report	City
Final Design	City
ROW	City
Construction	\$24,814
Total	\$24,814

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

Cost Item	Amount
Federal – PNRS	\$14,496
State – TCIF	\$1,019
Measure I	\$2,827
City of Montclair DIF	\$2,543
UPRR	\$1,076
PUC Section 190	\$5,000
TBD	\$(2,147)
Total	\$24,814

2017 10-Year Delivery Plan: \$26,961,000

### Lead Agency:

City of Montclair – Design/ROW  
SBCTA – Construction

### Project Manager:

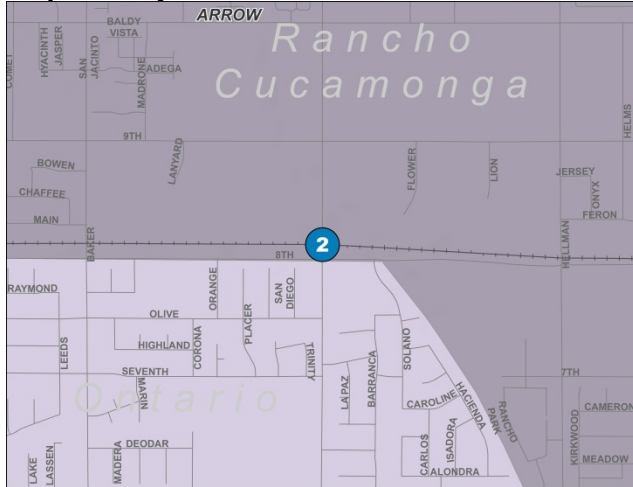
Mike Barnum (909) 884-8276  
mbarnum@gosbcta.com

### Public/Media Contact:

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

## NORTH VINEYARD AVENUE AND UNION PACIFIC RAILROAD

### Map of Project:



### Project Scope Summary:

The project bridged the existing UPRR tracks over Vineyard Avenue.

### Project Benefit:

The project reduced congestion on Vineyard Avenue at the UPRR crossing.

### Project Status and Continuing Activities:

- As-built plans are finalized.
- The City of Ontario is closing the project, and project savings are being coordinated with the South Milliken Avenue grade separation project.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	July 2008
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Jun 2010
Final Design Approved (RTL)	Sept 2013
Construction Notice to Proceed	Feb 2014
Complete for Beneficial Use	Mar 2016
End of Project	[Jan 2019]

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

Cost Item	Amount
Study Report	N/A
Project Report	\$555
Final Design	\$3,997
ROW	\$953
Construction	\$41,915
Total	\$47,419

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

Cost Item	Amount
State – SLPP	\$19,490
Measure I	\$23,508
PUC Section 190	\$5,000
UPRR Railroad	\$2,074
TBD	\$(2,653)
Total	\$47,419

2017 10-Year Delivery Plan: \$50,072,000

### Lead Agency:

City of Ontario

### Project Manager:

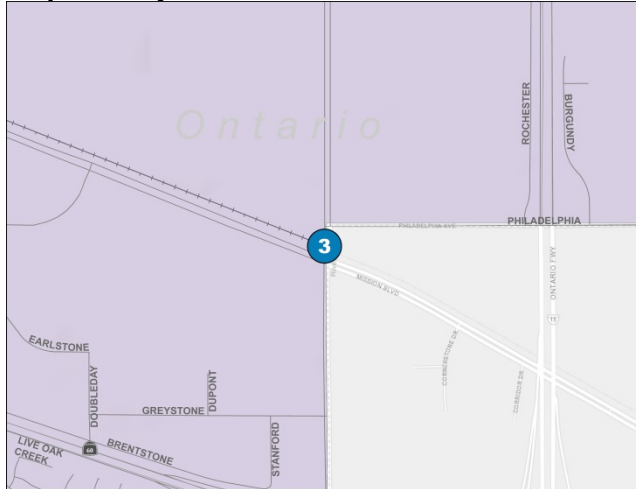
Andrea Nieto (909) 884-8276  
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### Public/Media Contact:

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twatkins@gosbcta.com

## SOUTH MILLIKEN AVENUE AND UNION PACIFIC RAILROAD

### Map of Project:



### Project Scope Summary:

This project bridged South Milliken Avenue over the existing Union Pacific Railroad (UPRR) tracks and Mission Avenue.

### Project Benefit:

Separating the railroad crossing from Milliken Avenue eliminated gate down time easing commuter drive time, and improved heavy truck access to the cargo facilities.

### Project Status and Continuing Activities:

- Notice of Completion was recorded in November 2017.
- As-built drawings are complete.
- ROW close out in process, and project savings are being coordinated with the North Vineyard Avenue grade separation project.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	July 2008
Project Initiation Document (PID)	N/A
Environmental Clearance (PA/ED)	June 2010
Final Design Approved (RTL)	Sept 2013
Construction Notice to Proceed	Feb 2014
Complete for Beneficial Use	Nov 2016
End of Project	[Jun 2019]

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

Cost Item	Amount
Study Report	N/A
Project Report	\$678
Final Design	\$5,652
ROW	\$14,490
Construction	\$52,036
Total	\$72,856

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

Cost Item	Amount
State – SLPP	\$7,210
State – TCIF	\$21,846
Measure I	\$15,735
Local Funds – City of Ontario	\$14,146
Local Funds – CCO Repay	\$11,721
UPRR Railroads	\$2,482
CPUC	\$5,000
TBD	\$(5,284)
Total	\$72,856

2017 10-Year Delivery Plan: \$78,140,000

### Lead Agency:

City of Ontario

### Project Manager:

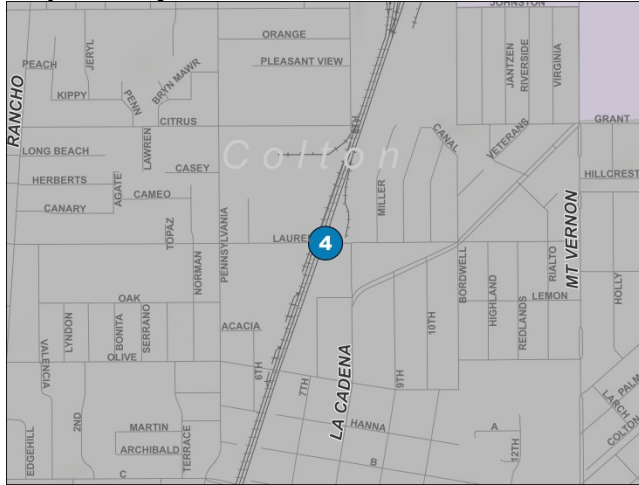
Andrea Nieto (909) 884-8276  
anieto@gosbcta.com

### Public/Media Contact:

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

## LAUREL STREET AND BNSF RAILROAD

### Map of Project:



### Project Scope Summary:

This project bridged the BNSF six railroad tracks over Laurel Street in the City of Colton.

### Project Benefit:

This project improved local traffic circulation, enhanced safety, and is part of several other projects that are intended to establish a Quiet Zone within the City.

### Project Status and Continuing Activities:

- Construction is complete.
- Disposal of excess properties is in process.

**Project Notes of Interest:**

- Notice of completion and final acceptance were issued on October 26, 2016.
- The project won the Local Street Project of Year award at the 28<sup>th</sup> Annual California Transportation Foundation Awards Program.
- The project won a Merit Award at the 2018 ACEC California Engineering Excellence Awards Program.

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	Dec 2010
Project Initiation Document (PID)	N/A
Environmental Clearance (PA/ED)	Jan 2012
Final Design Approved (RTL)	May 2013
Construction Notice to Proceed	Sept 2013
Complete for Beneficial Use	Jun 2016
End of Project	[Feb 2019]

Budgetary Estimate at Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	\$864
Final Design	\$4,656
ROW	\$12,397
Construction	\$41,937
Total	\$59,854

Funding Estimate at Completion (\$ 000's)	
Cost Item	Amount
State – TCIF	\$23,713
State – TCRP	\$7,690
State – PUC	\$5,000
Measure I	\$8,897
City of Colton DIF	\$4,960
BNSF Railroad	\$4,985
UPRR Railroad	\$4,609
TBD	\$(31)
Total	\$59,854

2017 10-Year Delivery Plan: \$59,885,000

**Lead Agency:** SBCTA

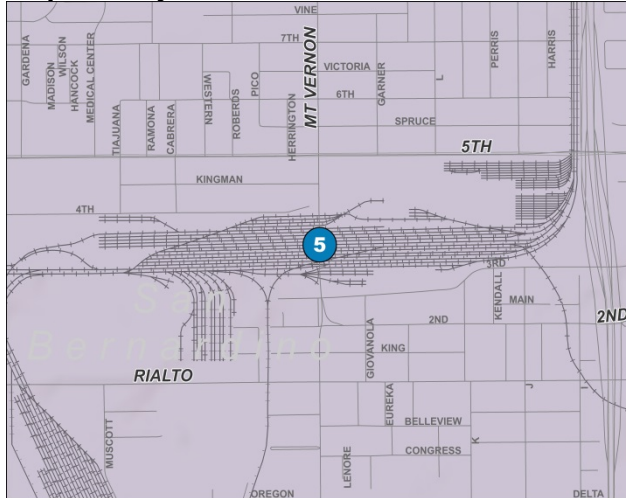
**Project Manager:** Paul Melocoton (909) 884-8276  
pmelocoton@gosbcta.com

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



## MOUNT VERNON AVENUE VIADUCT

### Map of Project:



### 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	[Jul 2019]
Construction Notice to Proceed	[Nov 2019]
Complete for Beneficial Use	[Dec 2021]
End of Project	[Jul 2023]

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

Cost Item	Amount
Project Report	\$5,789
ROW	\$88,129
Construction	\$115,415
Total	\$209,333

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

Cost Item	Amount
Federal - HBP	\$133,562
Measure I	\$1,568
City of San Bernardino DIF	\$2,023
BNSF	\$29,500
TBD	\$42,680
Total	\$209,333

Board Approved Funding: \$166,652,644

### Project Scope Summary:

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

### Project Benefit:

This project will improve safety by replacing the existing 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. A separate design-build agreement was approved at the July 2018 SBCTA Board of Directors meeting.
- Constructability impacts are under study.
- Original footprint re-evaluated in February 2018; new footprint was studied with completion of the environmental revalidation in October 2018.
- An RFQ for a design-build contract was issued in September 2018. Four teams have been shortlisted for the RFP phase.

- Additional funding has been requested through the Highway Bridge Program.

### Project Notes of Interest:

- SBCTA will lead the design, right-of-way, and construction phases.
- ROW and construction phase estimates escalated at 4% based on latest escalation analysis.

**Lead Agency:** SBCTA

**Project Manager:** Dennis Saylor (909) 884-8276  
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## LENWOOD ROAD AND BNSF RAILROAD

### Map of Project:



### Project Scope Summary:

This project raised Lenwood Road over the existing Burlington Northern Santa Fe (BNSF) railroad tracks in the City of Barstow.

### Project Benefit:

The project improved operations by eliminating the vehicle delay at the existing at-grade crossing. Public safety and emergency response access were also improved.

### Project Status and Continuing Activities:

- Federal and State close out packages were submitted in September.

### Project Notes of Interest:

- The project was awarded \$5 million in Public Utilities Commission funding in July 2014.
- Lenwood Road was opened to traffic on September 14, 2015.

### Schedule Summary

Milestone	Actual [ Forecast ]
Start of Project	Oct 2008
Project Initiation Document (PID)	Jan 2010
Environmental Clearance (PA/ED)	July 2011
Final Design Approved (RTL)	July 2013
Construction Notice to Proceed	Dec 2013
Complete for Beneficial Use	Sept 2015
End of Project	Oct 2018

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

Cost Item	Amount
Study Report	N/A
Project Report	Incl in Design
Final Design	\$4,359
ROW	\$4,420
Construction	\$19,607
Total	\$28,386

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

Cost Item	Amount
Federal - DEMO	\$1,317
Federal - STP	\$8,897
PUC	\$4,964
State - TCIF	\$7,311
Measure I	\$1,382
County of San Bernardino	\$2,452
City of Barstow	\$1,027
BNSF Railroad	\$1,036
TBD	\$(484)
Total	\$28,386

2017 10-Year Delivery Plan: \$28,870,000

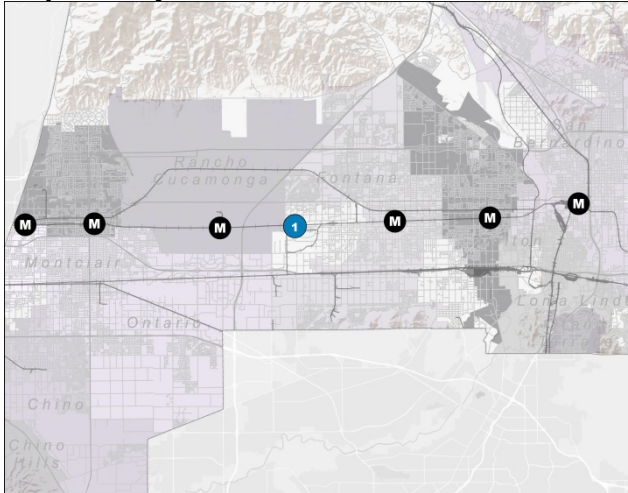
**Lead Agency:** SBCTA

**Project Manager:** Andrea Nieto (909) 884-8276  
anieto@gosbcta.com

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twatkins@gosbcta.com

## METROLINK ATP

### 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, Rialto, and San Bernardino.

### Project Benefit:

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

### Project Status and Continuing Activities:

- Procurement for construction management services was completed in January 2017.
- Request for authorization of Federal funds for construction was completed in August 2017, and funds were obligated in September 2017.
- Project was advertised for construction services in December 2017, and a contract was approved by the SBCTA Board of Directors on March 7, 2018.

### Project Notes of Interest:

- SBCTA is leading both the design and construction phases.

Schedule Summary	
Milestone	Actual [ Forecast ]
Start of Project	Dec 2014
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Mar 2016
Final Design Approved (RTL)	Apr 2017
Construction Notice to Proceed	Mar 2018
Complete for Beneficial Use	[Jan 2019]
End of Project	[Oct 2019]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
ROW	\$38
Project Report	\$83
Final Design	\$862
Construction	\$4,297
Total	\$5,280

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Federal ATP	\$4,679
TDA Article 3	\$250
Measure I	\$360
TBD	\$(9)
Total	\$5,280

Board approved funding: \$5,289,000

### Lead Agency

SBCTA

### Project Manager

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### Public/Media Contact

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