

San Bernardino County Transportation Authority
MAJOR PROJECTS
PROJECT STATUS REPORT
July – September 2019



1170 West Third Street, Second Floor
San Bernardino, California 92410-1715
Telephone: (909) 884-8276
www.gosbcta.com

ORDER OF PROJECT DELIVERY



TABLE OF CONTENTS

Page No.

Project Location Maps

- 1 Mainline Projects
- 2 Interchange Projects
- 3 Grade Separation Projects
- 4 Special Projects

Project Name

Phase

Corridor

Mainline Projects

- | | | | |
|----|----------------------------------|------------------|--------|
| 5 | I-10 Corridor (Contract 1) | Design-Build/ROW | I-10 |
| 6 | I-10 EB Truck Climbing Lane | Environmental | I-10 |
| 7 | SR-210 Freeway Ext. Landscaping | Landscape | SR-210 |
| 8 | SR-210 Lane Addition | Design/ROW | SR-210 |
| 9 | I-15 Corridor (Contract 1) | Environmental | I-15 |
| 10 | I-215 Bi-County Landscaping | Landscape | I-215 |
| 11 | I-215 Widening Seg 1&3 Landscape | Landscape | I-215 |
| 12 | I-215 Widening Seg 2 Landscape | Landscape | I-215 |
| 13 | US-395 | Construction | US-395 |

Interchange Projects

- | | | | |
|----|-----------------------------------|---------------------|-------|
| 14 | SR-60 / Central Avenue | Design/ROW | SR-60 |
| 15 | SR-60 / Archibald Avenue | Design/ROW | SR-60 |
| 16 | I-10 / Cherry Avenue | Landscape | I-10 |
| 17 | I-10 / Citrus Avenue | Landscape | I-10 |
| 18 | I-10 / Cedar Avenue | Design/ROW | I-10 |
| 19 | I-10 / Riverside Avenue | Close Out/Landscape | I-10 |
| 20 | I-10 / Pepper Avenue | Close Out | I-10 |
| 21 | I-10 / Mount Vernon Avenue | Environmental | I-10 |
| 22 | I-10 / Tippecanoe Avenue Phase I | Close Out/Landscape | I-10 |
| 23 | I-10 / Tippecanoe Avenue Phase II | Landscape | I-10 |

TABLE OF CONTENTS (Continued)

Page No.	<u>Project Name</u>	<u>Phase</u>	<u>Corridor</u>
24	I-10 / Alabama Street	Design	I-10
25	I-10 / University Street	Design	I-10
26	SR-210 / Pepper Avenue	Close Out/Landscape	SR-210
27	SR-210 / Base Line	Design/ROW	SR-210
28	I-15 / Baseline Road	Close Out/Landscape	I-15
29	I-15 / I-215 Improvement (Devore)	Close Out	I-15 & I-215
30	I-215 / Barton Road	Construction	I-215
31	I-215 / University Parkway	Environmental	I-215
 Grade Separation Projects			
32	Monte Vista and UPRR	Construction	Local Streets
33	North Vineyard Avenue and UPRR	Close Out	Local Streets
34	South Milliken Avenue and UPRR	Close Out	Local Streets
35	Laurel Street and BNSF	Close Out	Local Streets
36	Mount Vernon Avenue Viaduct	Environmental/Design	Local Streets
37	Lenwood Road and BNSF	Close Out	Local Streets
 Special Projects			
38	Metrolink ATP	Close Out	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

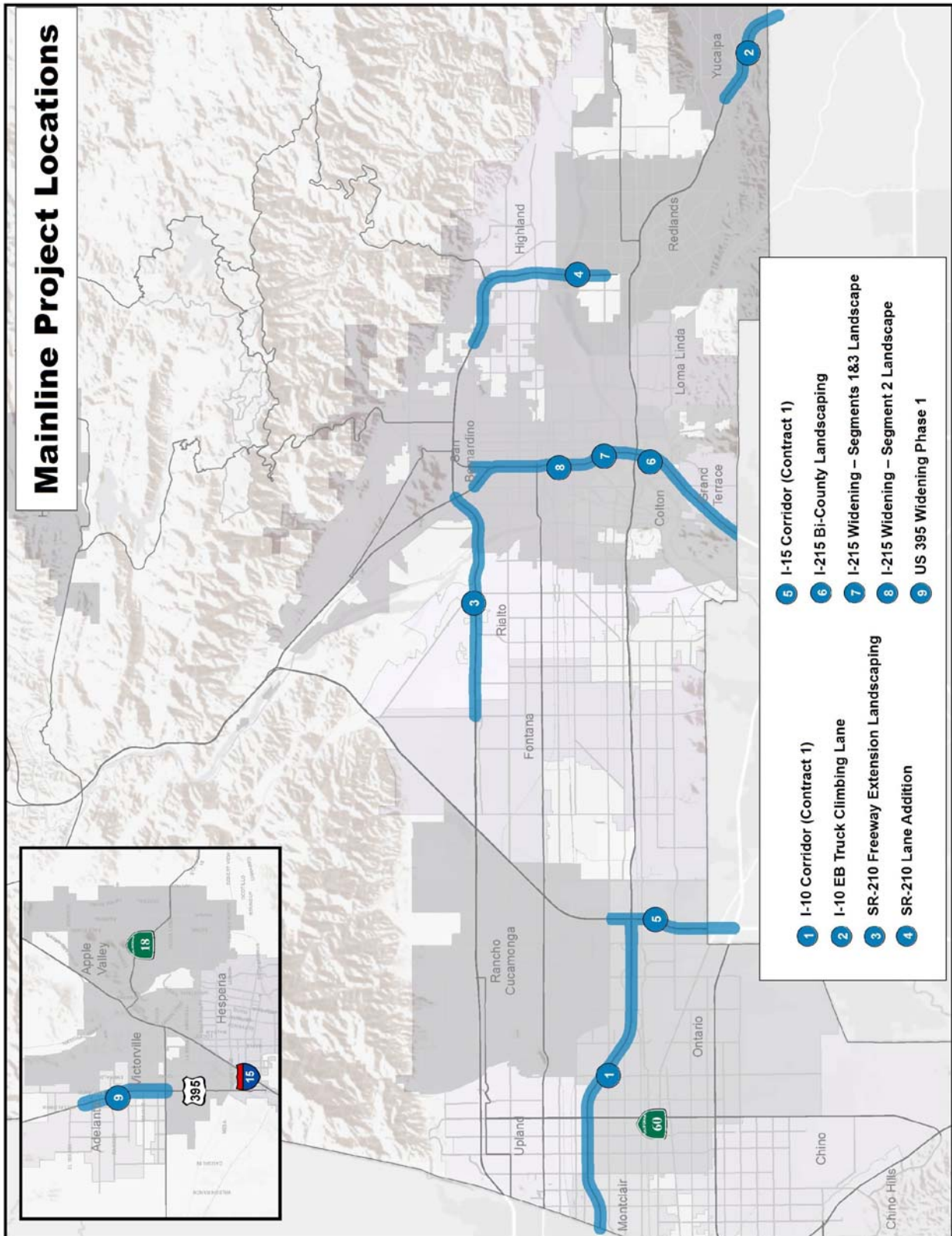
STATE

- 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

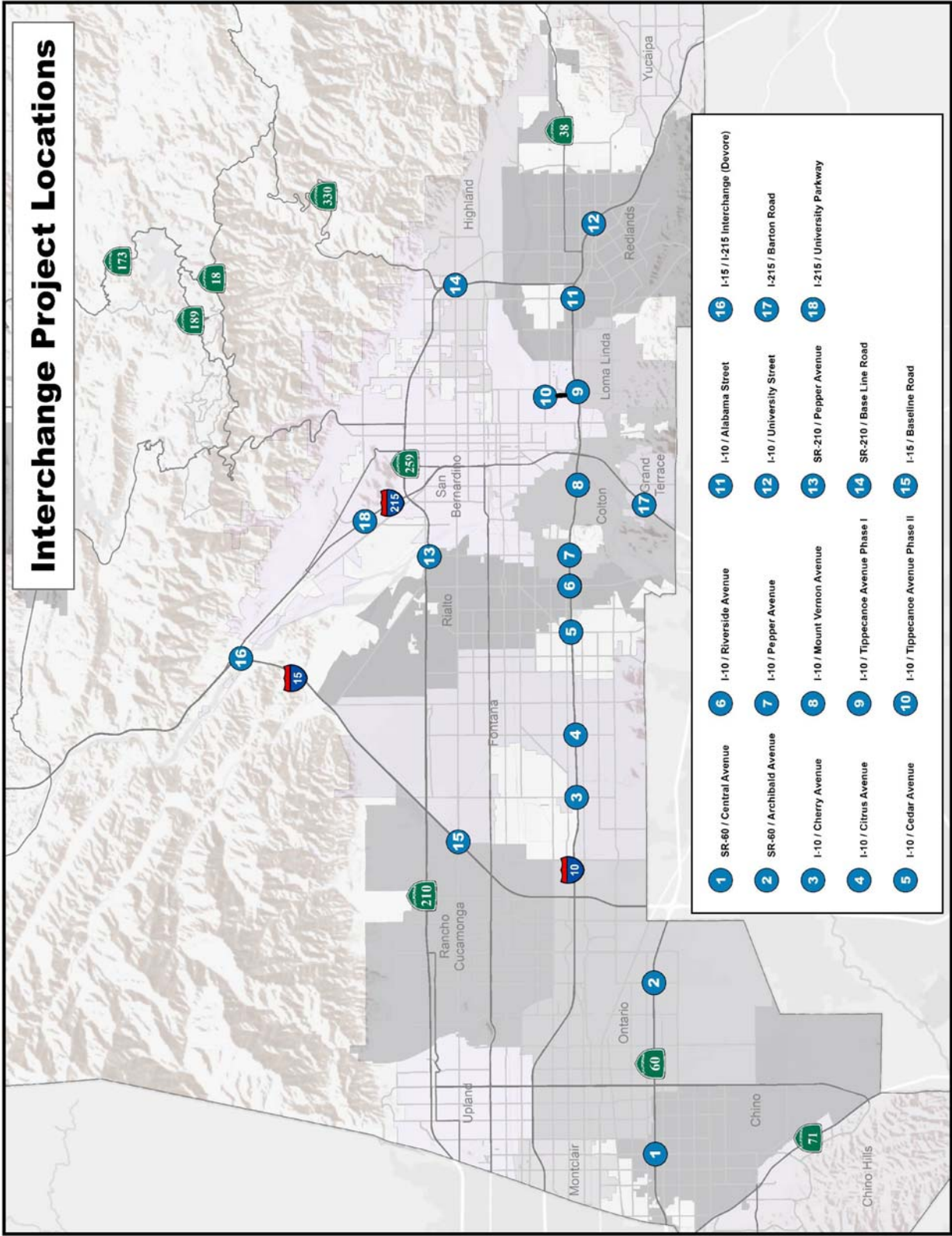
LOCAL

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

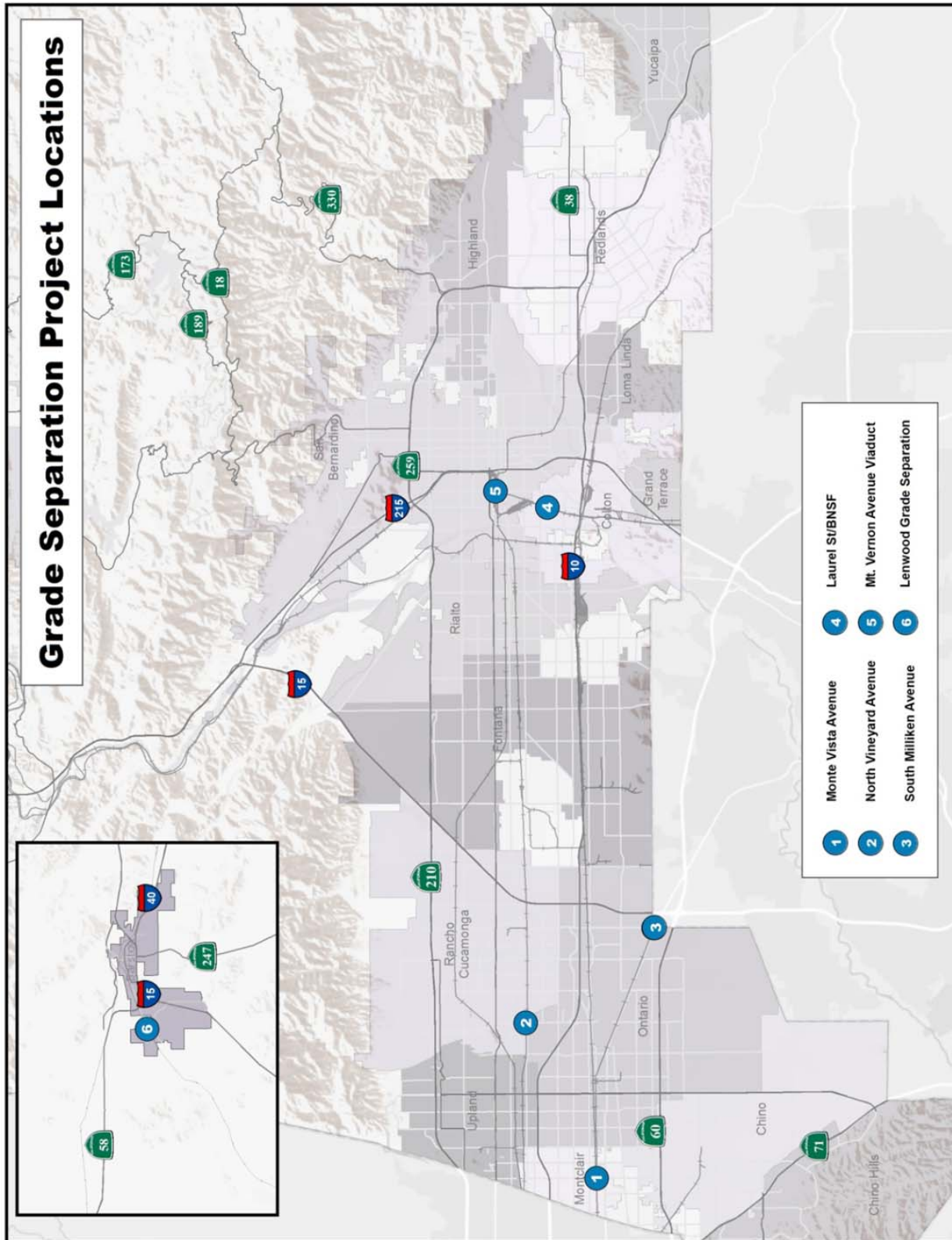
PROJECT LOCATION MAP MAINLINE PROJECTS



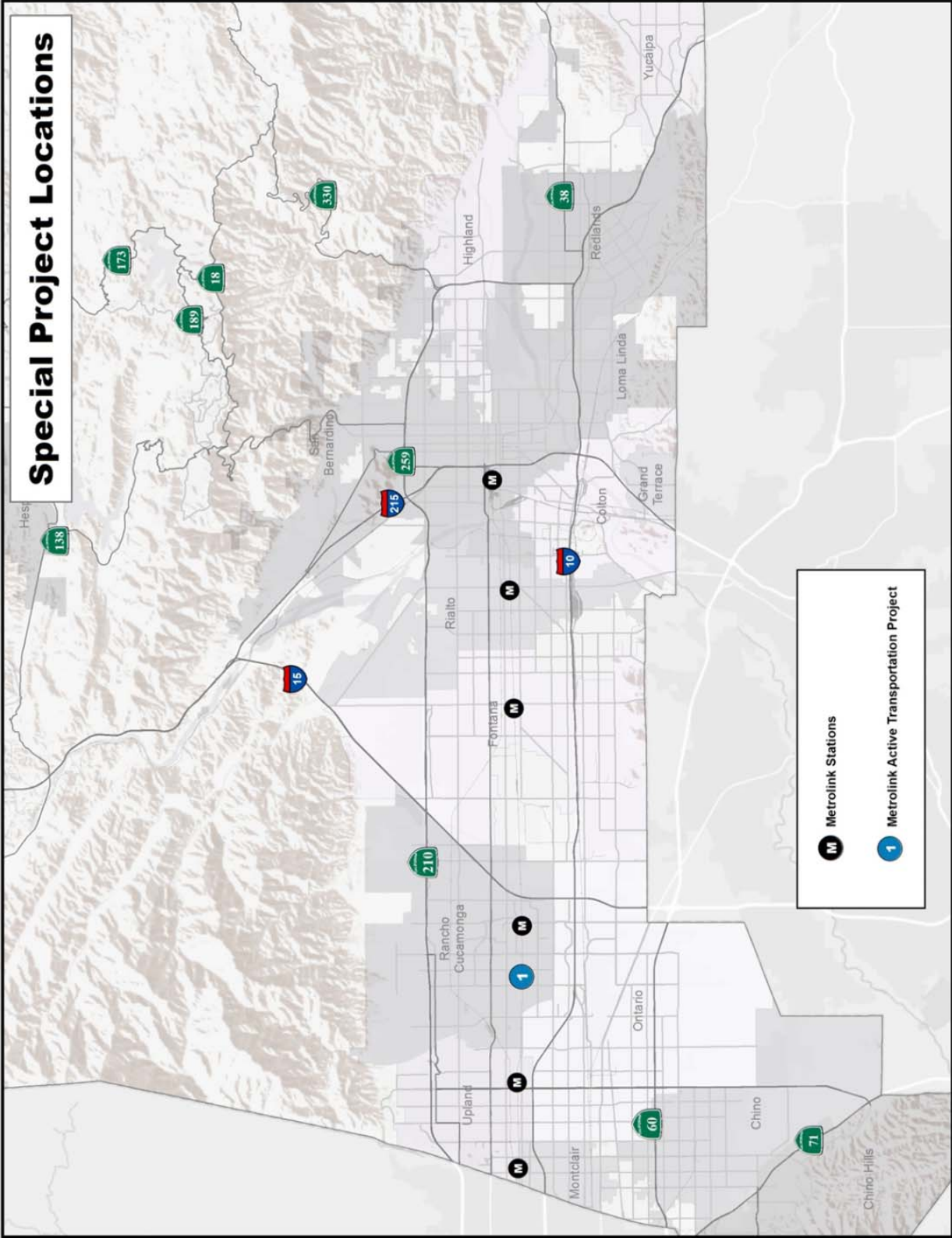
PROJECT LOCATION MAP INTERCHANGE PROJECTS



PROJECT LOCATION MAP GRADE SEPARATION PROJECTS

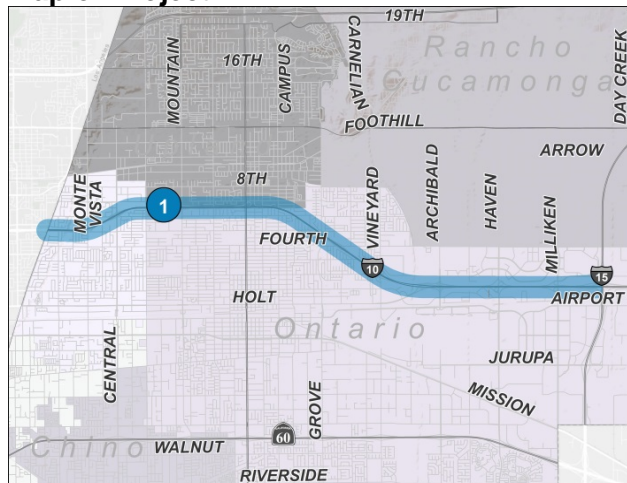


PROJECT LOCATION MAP
SPECIAL PROJECTS



I-10 CORRIDOR (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 NTP 2 work, including final design, field utilities and geotechnical investigations are under way.
- Toll System Provider NTP 2 work began in mid-February on the design development of the I-10 express lane toll system.
- 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. ROW acquisition is currently more than 80% complete.
- Staff has completed work with Caltrans to finalize cooperative agreements for the Toll Feasibility Agreement (TFA) and the related Express Lane fiber system lease.

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	[Jul 2023]
End of Project	[Jul 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	\$828,104
Total	\$928,975

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal – CMAQ/STP	\$265,371
Federal – TIFIA	\$220,668
State SHOPP	\$117,755
Measure I/City	\$156,463
State STIP/RIP	\$39,745
State TCIF	\$4,973
State LPP	\$6,169
State Regional TCEP	\$53,831
State TCEP	\$64,000
Total	\$928,975

Board Approved Funding: \$928,975,000

Project Notes of Interest:

- Staff is coordinating with the Cities of Ontario, Montclair and Upland to execute the Freeway Agreements, coordinate project submittal reviews, and Maintenance Agreements in the coming months.
- Staff worked with USDOT to finalize the TIFIA loan terms. The financial close milestone was achieved in April 2019.
- 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 EASTBOUND TRUCK CLIMBING LANE

Map of Project:



Project Scope Summary:

This project will add a truck climbing lane from west of the 16th 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 Final Design 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, there has been an estimated project cost savings from the initial concept estimate of \$45 million.
- 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	Oct 2015
Project Initiation Document (PID) Approved	Jun 2017
Environmental Clearance (PA/ED)	[Apr 2020]
Final Design Approved (RTL)	[Jul 2021]
Construction Notice to Proceed	[Jan 2022]
Complete for Beneficial Use	[Apr 2023]
End of Project	[Jan 2024]

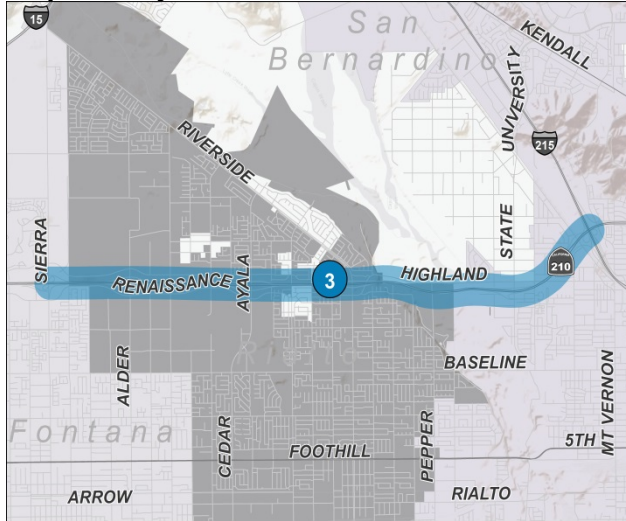
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$2,141
Final Design	\$2,900
ROW	\$0
Construction Capital	\$32,250
Total	\$37,291

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Unfunded	\$17,544
Measure I	\$10,048
State - STIP/RIP	\$2,750
TBD	\$6,949
Total	\$37,291

Board Approved Funding: \$30,342,000

SR-210 FREEWAY EXTENSION LANDSCAPING

Map of Project:



Project Scope Summary:

The SR-210 freeway was extended 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. This project provides landscaping along this corridor.

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 the four (4) year extended plant maintenance phase, 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.

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	[Nov 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

Lead Agency:

Caltrans - Landscape Design
SBCTA - Landscape Construction

Project Manager:

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

Public/Media

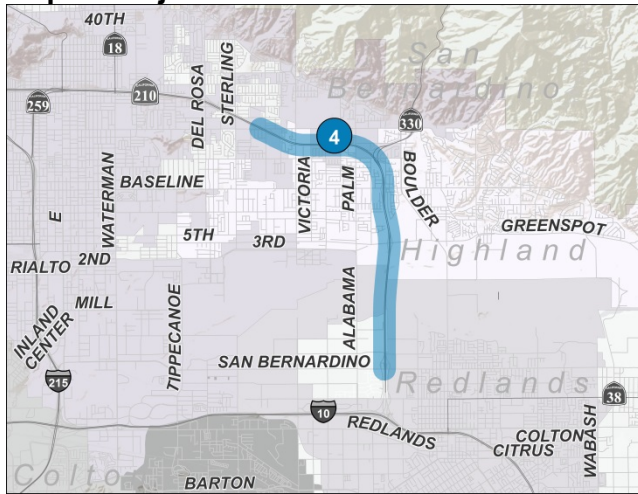
Tim Watkins (909) 884-8276

Contact:

twatkins@gosbcta.com

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

Map of Project:



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)	May 2019
Construction Notice to Proceed	[Jan 2020]
Complete for Beneficial Use	[Mar 2023]
End of Project	[Apr 2027]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	Caltrans
Project Report	\$3,093
Final Design	\$12,978
ROW	\$5,515
Construction	\$168,576
Total	\$190,162

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
State SHOPP	\$42,121
State STIP/RIP	\$25,000
Measure I	\$125,184
TBD	\$(2,143)
Total	\$190,162

Board Approved Funding: \$192,305,000

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 Ave. in the City of San Bernardino and San Bernardino Ave. 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 right of way work is ongoing but the project is certified for legal possession.
- The PS&E package and the release of the Invitation for Bids (IFB) for construction services was approved by the SBCTA Board of Directors in May 2019. Bids are anticipated to be received in October.

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 to this project's scope and funding (SHOPP) which includes new concrete pavement between 5th St. and Lugonia Ave.
- 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

I-15 CORRIDOR – Contract 1

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	[Mar 2023]
Complete for Beneficial Use	[Jun 2025]
End of Project	[Jul 2030]

Budgetary Estimate At Completion (\$000's)

Cost Item	Amount
Project Report and Env Document	\$13,061
Final Design	\$14,658
ROW	\$3,821
Construction	\$248,550
Total	\$280,090

Funding Estimate At Completion (\$000's)

Funding Source	Amount
Unfunded	\$72,274
Measure I	\$180,885
TBD	\$26,931
Total	\$280,090

Board Approved Funding: \$253,159,000

Project Scope Summary:

Addition of two express lanes in each direction on the I-15 from south of SR-60 to about Foothill Blvd.

Project Benefit:

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

Project Status and Continuing Activities:

- The Environmental Document (ED) was approved in December 2018.
- 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 Blvd. will be developed in the future based on funding considerations.
- Schedule and budget shown reflect contract 1 portion of I-15 Corridor.

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.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.
- Procurement for final design services is anticipated for this Fall.

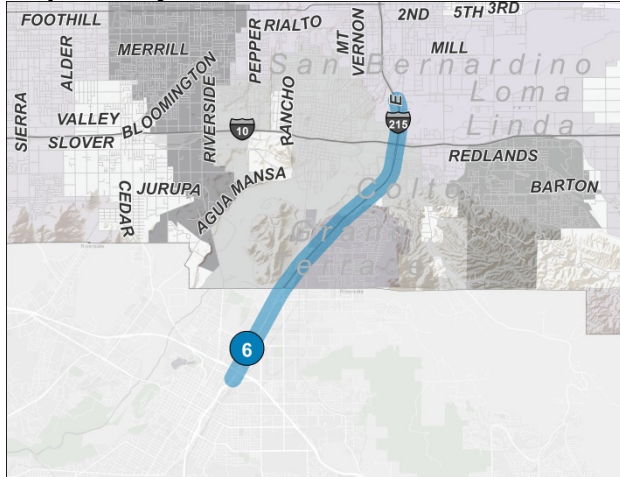
Lead Agency: SBCTA

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)	[Jan 2020]
Final Design Approved (RTL)	[Jan 2021]
Construction Notice to Proceed	[Sep 2021]
Complete for Beneficial Use	[Nov 2023]
End of Project	[Jan 2028]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report and Env Document	\$692
Final Design	\$849
Construction	\$9,414
Total	\$10,955

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$10,955
Total	\$10,955

Board Approved Funding: \$10,955,000

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:

- The Environmental/Preliminary Engineering phase is currently in progress.
- The HOV lanes are complete and were opened to traffic in late 2015. Final ROW, utilities, and construction close out being completed.
- The project environmental document required a follow up corridor landscaping. To comply with this requirement, the environmental and final design documents are being initiated for the landscaping work.

Project Notes of Interest:

- 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:

- Construction contract awarded November 2017 with work starting February 2018.
- Landscape construction was completed in October 2018, and it is currently in a one year plant establishment period. A four year extended plant establishment contract is anticipated to be awarded in October 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.
- Estimate at completion below Board approved cooperative agreements 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	[Jan 2024]

Budgetary Estimate At Completion (\$ 000's)			
Cost Item	Seg 1	Seg 3	Total
PA/ED	\$35	\$35	\$70
Final Design	\$563	\$1,022	\$1,585
Construction	\$4,344	\$3,545	\$7,889
	Total		\$9,544

Funding Estimate At Completion (\$ 000's)			
Funding Source	Seg 1	Seg 3	Total
Federal - PNRs	\$3,678	\$2,963	\$6,641
Measure I	\$1,550	\$2,357	\$3,907
TBD			\$(1,004)
	Total		\$9,544

Board Approved Funding: 10,548,000

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

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	[Jan 2020]
End of Project	[Feb 2025]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
PA/ED	\$35
Final Design	\$660
Construction	\$5,131
Total	\$5,826

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal - PNRS	\$3,661
Measure I	\$2,561
TBD	\$(396)
Total	\$5,826

Board Approved Funding: \$6,222,000

Project Scope Summary:

Project involves landscape replacement in the City of San Bernardino along I-215 from the 5th 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 landscape construction services in September 2018.
- Construction contract awarded in December 2018.

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 is below Board approved cooperative agreement amounts.

Lead Agency:

Caltrans – Landscape Design
SBCTA – Landscape Construction

Project Manager:

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

Public/Media

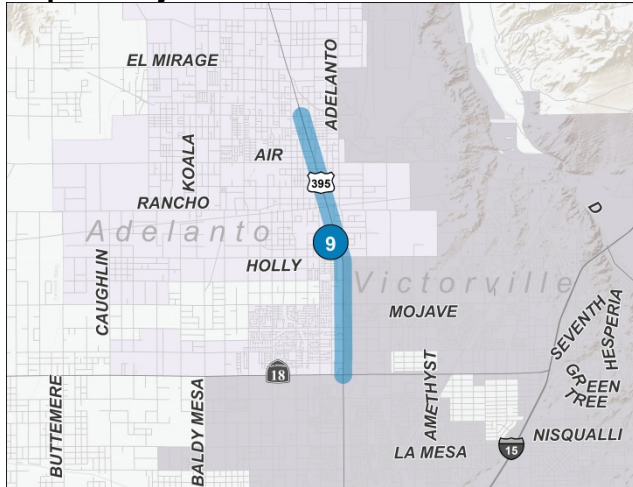
Tim Watkins (909) 884-8276

Contact:

twatkins@gosbcta.com

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:

- Construction contract was awarded at the February 2019 Board of Directors meeting.

Project Notes of Interest:

- Future phases call for widening between I-15 and SR-18 and between Chamberlaine Way and Desert Flower Road.
- Construction NTP was in April 2019.

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	[Mar 2021]
End of Project	[Apr 2022]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report and Env Doc	\$2,087
Final Design	\$6,120
ROW	\$12,769
Construction	\$36,985
Total	\$57,961

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal - STP	\$13,365
Federal - DEMO	\$360
State - STIP/RIP	\$14,883
Measure I	\$1,668
Local Funds	\$1,280
State SHOPP	\$214
State TCEP	\$24,070
Federal 2016 Earmarks	\$2,558
TBD	\$(437)
Total	\$57,961

Board Approved Funding: \$58,398,000

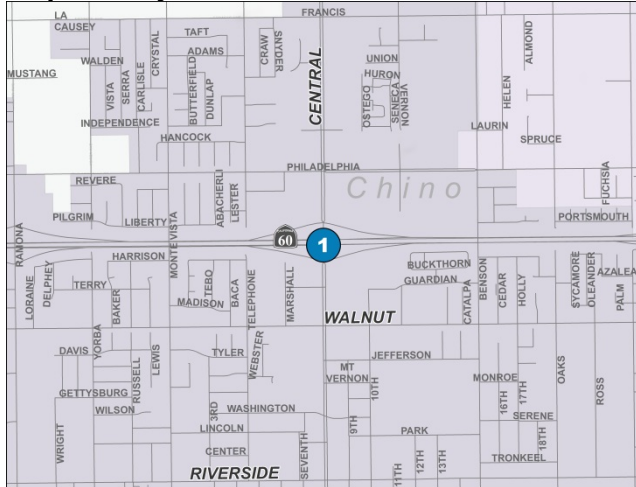
Lead Agency: SBCTA – Right of Way,
Construction
Caltrans – Design

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.
- 100% plans and specifications are under review. It is anticipated a construction bid package will be completed by late 2019.
- A contract for a Construction Management firm was awarded by the SBCTA Board of Directors in April 2018.
- The project is anticipated to be advertised for construction early next year.

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)	[Dec 2019]
Construction Notice to Proceed	[May 2020]
Complete for Beneficial Use	[Aug 2021]
End of Project	[Oct 2026]

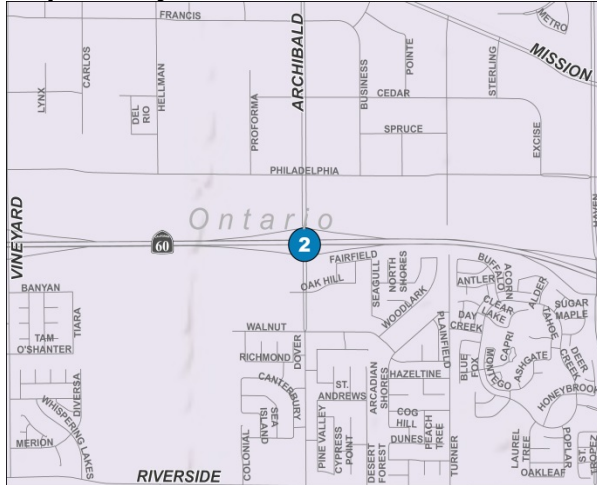
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$1,302
Final Design	\$1,750
ROW/Utilities Capital	\$801
Construction	\$29,687
Total	\$33,540

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Measure I	\$12,895
City of Chino DIF	\$18,870
TBD	1,775
Total	\$33,540

Board Approved Funding: \$31,765,000

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:

- Final design was completed in June and the project was advertised for construction..
- Bids were opened on September 12.
- Contract Award is anticipated to be brought to the SBCTA November Board for approval.

Project Notes of Interest:

- The City is going with the Portland Cement Concrete (PCC) option. An amendment to the current agreement is in process.

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	[Jan 2020]
Complete for Beneficial Use	[Dec 2020]
End of Project	[Sep 2021]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report/Project Report	\$867
Final Design	\$1,388
ROW/Utilities	\$1,918
Construction	\$19,127
Total	\$23,300

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$5,642
City of Ontario	\$15,588
State - TCIF	\$1,310
TBD	760
Total	\$23,300

Board Approved Funding: \$22,540,000

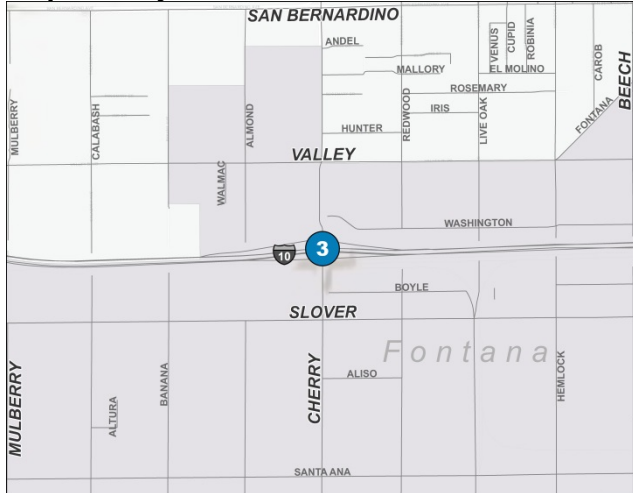
Lead Agency: SBCTA

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.
- Estimate at completion based on actual costs and settled claims.

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)

Funding Source	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

Board Approved Funding: \$80,665,000

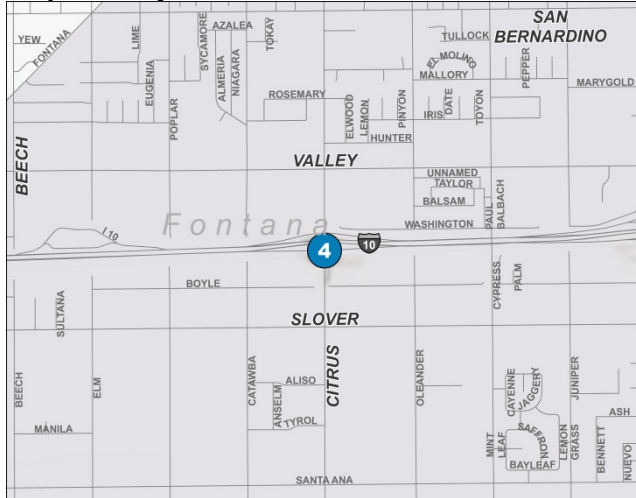
Lead Agency: SBCTA

Project Manager: Henry Stultz (909) 884-8276
hstultz@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 November 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	[Nov 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)

Funding Source	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

Board Approved Funding: \$57,734,000

Lead Agency:

SBCTA

Project Manager:

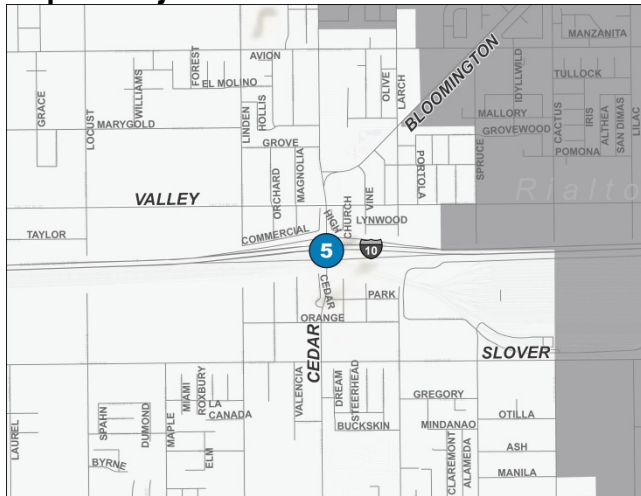
Henry Stultz (909) 884-8276
hstultz@gosbcta.com

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.
- Caltrans is performing the final design, which is approximately 65% complete.
- The County of San Bernardino ROW team is performing the ROW appraisals and is facilitating railroad coordination.

Project Notes of Interest:

- The Cooperative Agreement for PS&E between the County and SBCTA was executed on February 7, 2018. Caltrans is executing the design.
- The Cooperative Agreement for the ROW and Construction phases was executed on January 9, 2019.
- Construction phase cost estimate has been increased based on Caltrans latest estimate.

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)	[Jan 2021]
Construction Notice to Proceed	[Jul 2021]
Complete for Beneficial Use	[Oct 2023]
End of Project	[Jan 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)

Funding Source	Amount
Federal - STP	\$6,500
Measure I	\$75,322
County of San Bernardino DIF	\$29,258
Total	\$111,350

Board Approved Funding: \$111,350,000

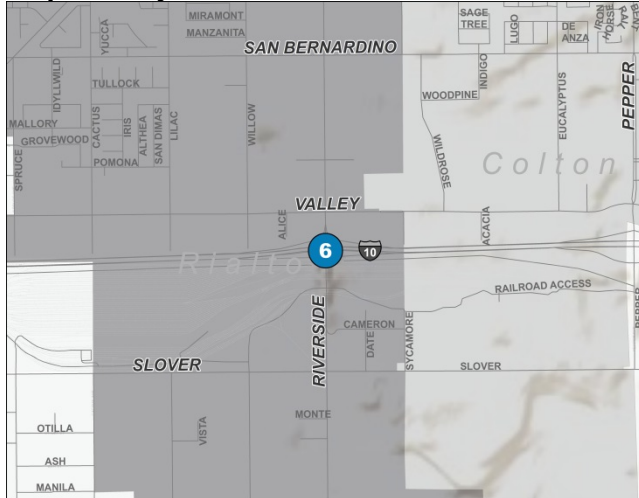
Lead Agency: County of San Bernardino (PS&E)
SBCTA (ROW and Construction)

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

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

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.
- Final close out work is currently being completed.

Project Notes of Interest:

- Landscaping is being irrigated with reclaimed water provided by the City of Rialto.
- Estimate at completion based on actual costs.
- Project was completed on time with no claims filed by the contractor. Caltrans accepted the project and has taken over maintenance responsibilities.
- Phase 2 of this project will widen Riverside Avenue south of the interchange over UPRR. This is being delivered by the City of Rialto in conjunction with a bridge retrofit project through the Highway Bridge Program.

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 2019]

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)

Funding Source	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:

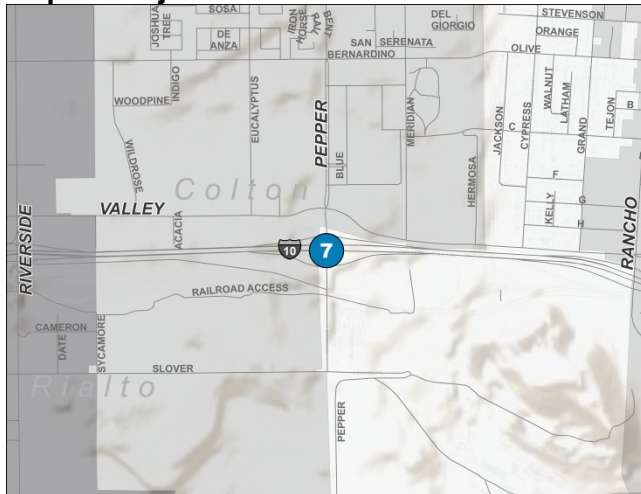
Henry Stultz (909) 884-8276
hstultz@gosbcta.com

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:

- Agreement was reached with Contractor on final payment and resolution of all claims.
- Final project close out work is ongoing.

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 29th Annual California Transportation Foundation Awards Program.

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	[Dec 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)

Funding Source	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

Board Approved Funding: \$9,513,000

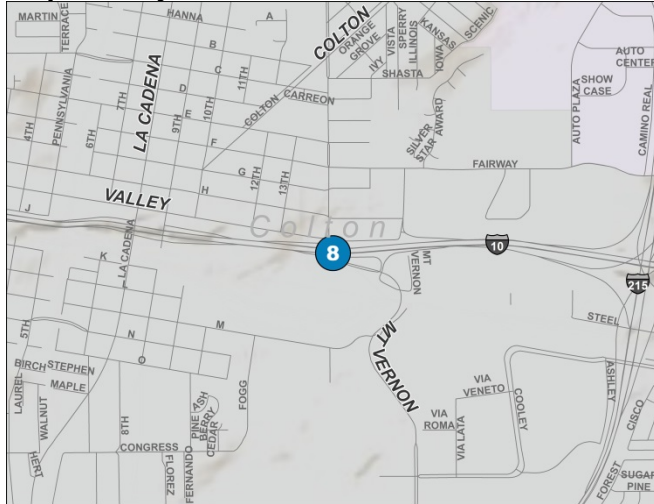
Lead Agency: SBCTA

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:

- Planning phase was completed in December 2018.
 - Project Development Team (PDT) meetings for the PA/ED phase began in January 2019.
 - Working on environmental reports, technical studies, and preliminary engineering.
- ### Project Notes of Interest:
- SBCTA is leading environmental, design, and ROW phases of the project.
 - Construction phase estimate based on approved PID and 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)	[Sep 2020]
Final Design Approved (RTL)	[Dec 2021]
Construction Notice to Proceed	[Apr 2022]
Complete for Beneficial Use	[Jan 2024]
End of Project	[Nov 2024]

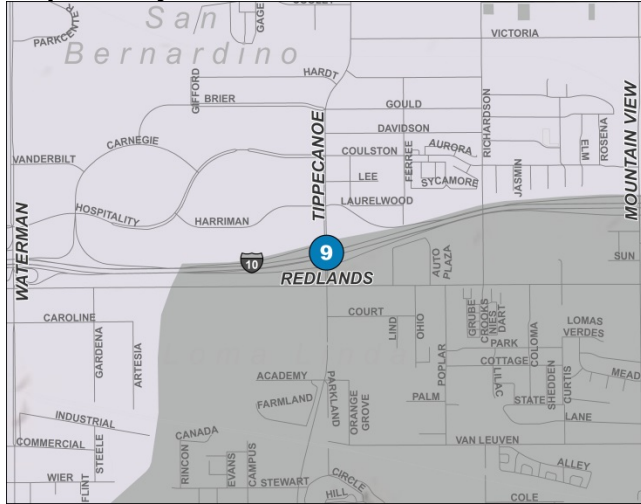
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report/PA/ED	\$2,653
Final Design	\$3,005
ROW	\$4,275
Construction	\$44,998
Total	\$54,931

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Measure I	\$52,178
City of Colton DIF	\$2,801
TBD	\$(48)
Total	\$54,931

Board Approved Funding: \$54,979,000

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 was in a four year plant establishment period which completed 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	April 2019

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)

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

Board Approved Funding: \$24,904,000

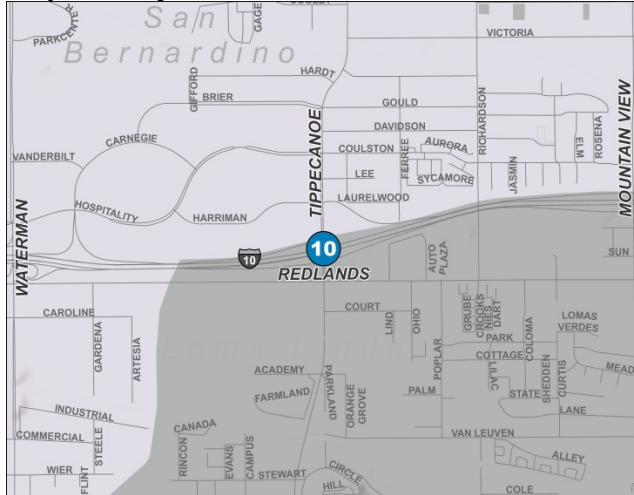
Lead Agency: SBCTA

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:

Project Notes of Interest:

- Phase II 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)

Funding Source	Amount
Federal DEMO/IMD/Earmarks	\$30,337
Measure I	\$7,518
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
Total	\$54,232

Board Approved Funding: \$54,232,000

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.
- Environmental clearance was approved in February 2019 and the project report was approved June 2019.
- Work progressing on final Design

Project Notes of Interest:

- SBCTA will lead the planning, design, ROW, 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)	Jun 2019
Final Design Approved (RTL)	[May 2020]
Construction Notice to Proceed	[Sep 2020]
Complete for Beneficial Use	[Jul 2021]
End of Project	[Oct 2026]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
PA/ED	\$956
Final Design	\$1,165
ROW	\$41
Construction	\$13,525
Total	\$15,687

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Measure I	\$7,618
City of Redlands DIF	\$8,069
Total	\$15,687

Board Approved Funding: \$15,687,000

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 November 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 Fall 2019.
- Construction phase cost estimate is currently being updated in the 100% PS&E document.

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)	[Nov 2019]
Construction Notice to Proceed	[Aug 2020]
Complete for Beneficial Use	[Apr 2021]
End of Project	[Jun 2026]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
PEER/ED	\$435
Final Design	\$859
Construction	\$4,245
Total	\$5,539

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Measure I	\$4,218
City of Redlands DIF	\$1,013
TBD	\$308
Total	\$5,539

Board Approved Funding: \$5,231,000

Lead Agency:

SBCTA

Project Manager:

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

Public/Media Contact:

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

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 and the 4 year Establish Existing Planting (EEP) phase began in August, 2019.
- 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.

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	[Sep 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	\$18,870
Total	\$23,422

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal - STP	\$15,213
Measure I 1990-2010	\$9,063
WVWD	\$320
TBD	\$(1,174)
Total	\$23,422

Board Approved Funding: \$24,596,000

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.

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 ROW work is currently underway, but project has been certified for legal possession.
- A Construction Cooperative Agreement with the City of Highland was approved at the SBCTA Board of Directors on July 11, 2018 and amended in September.
- Approval of the PS&E and release of an IFB for construction services was given by the SBCTA Board of Directors in May 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.

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)	May 2019
Construction Notice to Proceed	[Jan 2020]
Complete for Beneficial Use	[Mar 2023]
End of Project	[Apr 2027]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	\$214
Project Report	\$1,042
Final Design	\$1,699
ROW	\$1,048
Construction	\$30,773
Total	\$34,776

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Measure I	\$20,139
City of Highland DIF	\$14,793
TBD	\$(148)
Total	\$34,784

Board Approved Funding: \$34,932,000

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 / 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 one 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	[Nov 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)

Funding Source	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

Board Approved Funding: \$48,974,000

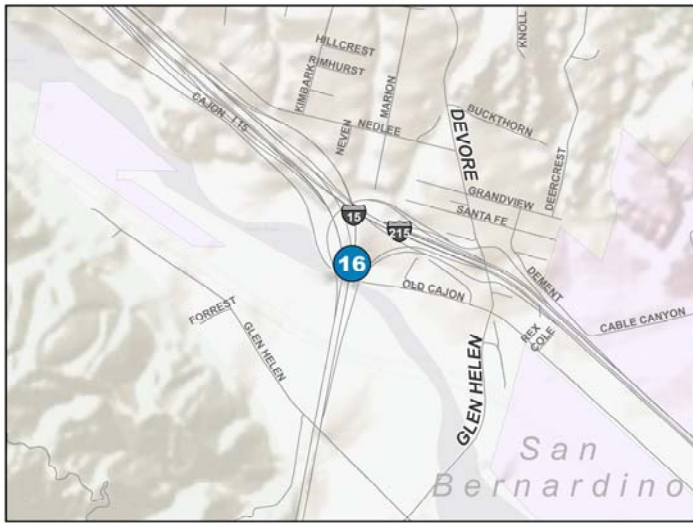
Lead Agency: SBCTA

Project Manager: Henry Stultz (909) 884-8276
hstultz@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 bypass 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 ROW 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	June 2016
End of Project	[Dec 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)

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

Lead Agency:

Caltrans – Design Build
SBCTA - ROW, Utilities, Railroad

Project Manager:

Dennis Saylor (909) 884-8276
dsaylor@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 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:

- Budgetary estimate for ROW may increase due to potential increases in utility relocation costs and goodwill claims. An estimate is currently in process.
- Agreement was reached through mediation on several properties that were in condemnation. Further mediation is ongoing with the remaining properties and tenants.
- Construction is ongoing, the existing bridge has been demolished and half of the new bridge has been constructed while the other half is currently under construction.

Project Notes of Interest:

- Caltrans is leading the development of the design phase and construction phase.
- Major construction milestone was reached when traffic was switched to new bridge.

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	[Mar 2020]
End of Project	[May 2021]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Study Report	-Incl in PA/ED-
Project Report	\$2,991
Final Design	\$6,386
ROW	\$40,867
Construction	\$60,112
Totals	\$110,356

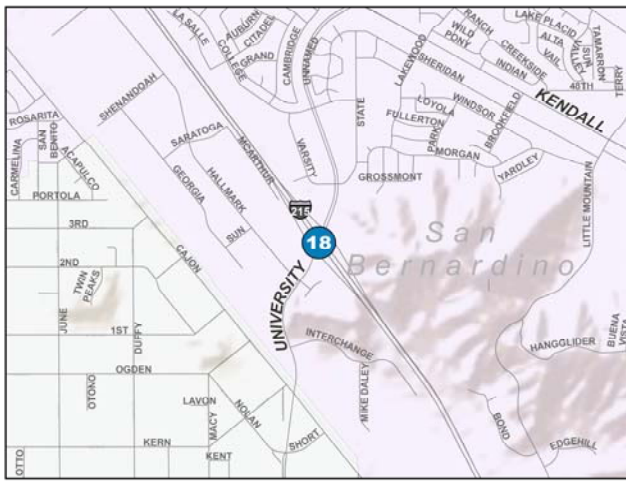
Funding Estimate At Completion (\$ 000's)

Funding Source	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)	\$64,103
RCTC	\$156
Measure I (1990-2010)	\$2,134
TBD	\$(217)
Total	\$110,356

Board Approved Funding: \$110,573,000

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 Drawings (GADs) have been approved.
- The draft environmental document was circulated for public review in July 2019.
- 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 was executed 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
pmelocoton@gosbcta.com

Public/Media Contact: Tim Watkins (909) 884-8276
twatkins@SBCTA.ca.gov

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Nov 2015
Project Initiation Document (PID) Approved	Oct 2016
Environmental Clearance (PA/ED)	[Oct 2019]
Final Design Approved (RTL)	[Jan 2021]
Construction Notice to Proceed	[Aug 2021]
Complete for Beneficial Use	[Jun 2022]
End of Project	[Apr 2023]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report	\$1,375
Final Design	\$904
ROW	\$768
Construction	\$12,330
Totals	\$15,377

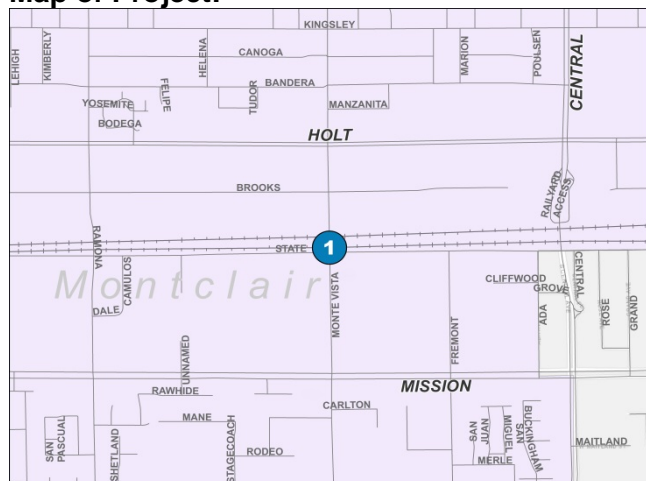
Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal - STP	\$5,000
Federal - DEMO	\$735
Measure I	\$7,716
City of San Bernardino DIF	\$2,009
TBD	\$(83)
Total	\$15,377

Board Approved Funding: \$15,460,000

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 98 percent complete.

Project Notes of Interest:

- A ground breaking 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	[Sep 2020]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report	City
Final Design	City
ROW	City
Construction	\$27,405
Total	\$27,405

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal – PNRS	\$10,661
State – TCIF	\$1,019
Measure I	\$6,661
City of Montclair DIF	\$2,543
UPRR	\$1,076
PUC Section 190	\$5,000
TBD	\$445
Total	\$27,405

Board Approved Funding: \$26,960,000

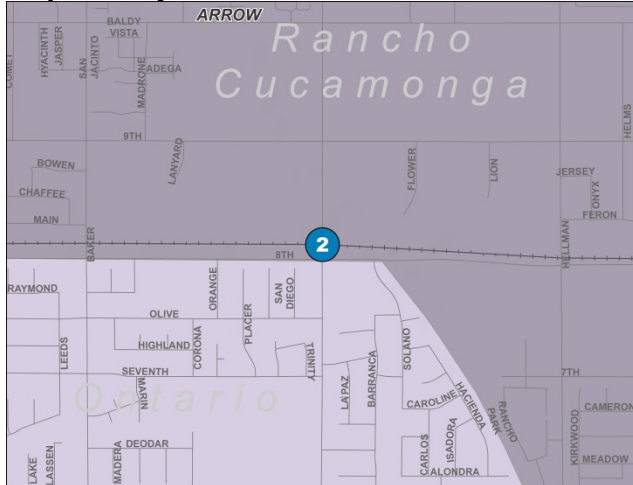
Lead Agency: City of Montclair – Design/ROW
SBCTA – Construction

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

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

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.
- Final project costs were reconciled with the City of Ontario and project is closed with the City. Final funding close out work is being completed.

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	[Nov 2019]

Budgetary Estimate at Completion (\$ 000's)

Cost Item	Amount
Study Report	N/A
Project Report	\$555
Final Design	\$3,997
ROW	\$953
Construction	\$41,848
Total	\$47,353

Funding Estimate at Completion (\$ 000's)

Funding Source	Amount
State – SLPP	\$19,490
Measure I	\$20,790
PUC Section 190	\$5,000
UPRR Railroad	\$2,073
Total	\$47,353

Board Approved Funding: \$47,353,000

Lead Agency:

City of Ontario

Project Manager:

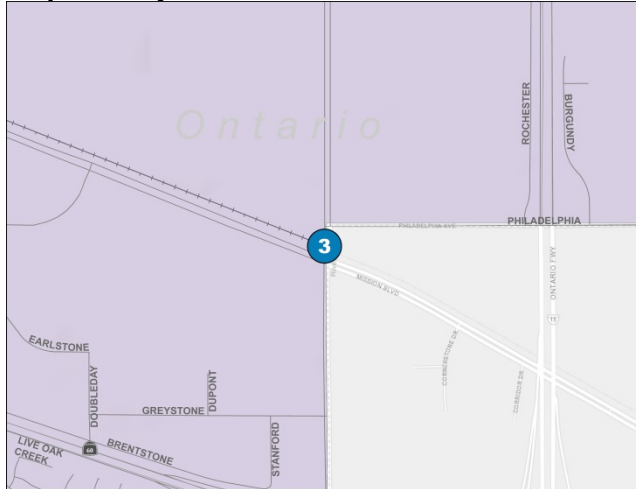
Andrea Nieto (909) 884-8276
anieto@gosbcta.com

Public/Media Contact:

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

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. Pending Business Lawsuit for a Goodwill Claim.

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	[Dec 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	\$52,143
Total	\$72,963

Funding Estimate at Completion (\$ 000's)	
Funding Source	Amount
State – SLPP	\$7,210
State – TCIF	\$20,633
State - TCRP	\$6,158
Measure I	\$7,324
Local Funds – City of Ontario	\$12,978
Local Funds – CCO Repay	\$11,178
UPRR Railroads	\$2,482
CPUC	\$5,000
Total	\$72,963

Board Approved Funding: \$72,963,000

Lead Agency:

City of Ontario

Project Manager:

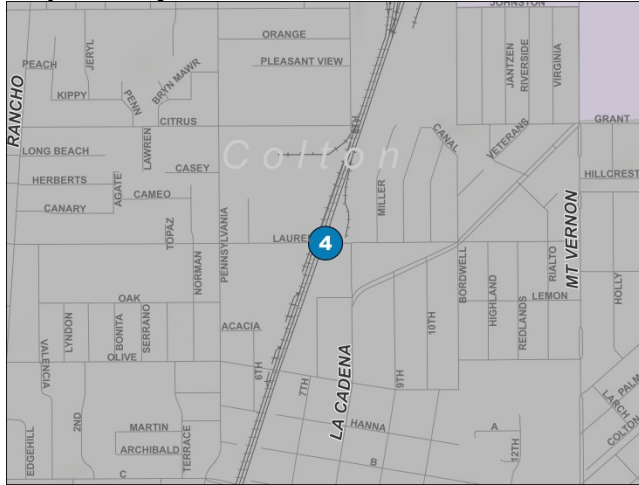
Andrea Nieto (909) 884-8276
anieto@gosbcta.com

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 28th 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	June 2016
End of Project	[Dec 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)	
Funding Source	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
Total	\$59,854

Board Approved Funding: \$59,854,000

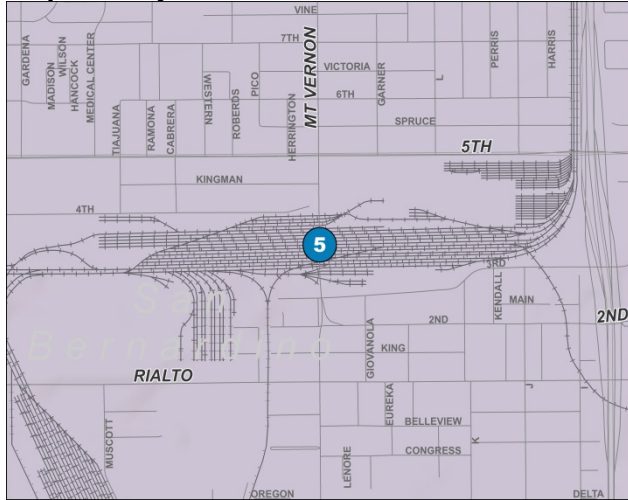
Lead Agency: SBCTA

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:



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.
- Original footprint re-evaluated in February 2018; new footprint studied and completed with an environmental revalidation in October 2018.
- A final RFP was issued in May, 2019, and 2 proposals were received in August. Review and negotiations are currently ongoing with apparent low bidder.
- Additional funding has been requested through the Highway Bridge Program to cover project financing costs.
- Work continues to finalize agreements with BNSF and SCRR, acquiring right-of-way, and relocate utilities.

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
dsaylor@gosbcta.com

Public/Media Tim Watkins (909) 884-8276

Contact: twatkins@gosbcta.com

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	[Dec 2019]
Construction Notice to Proceed	[Jan 2020]
Complete for Beneficial Use	[Nov 2023]
End of Project	[Nov 2024]

Budgetary Estimate At Completion (\$ 000's)

Cost Item	Amount
Project Report	\$9,127
ROW	\$76,503
Construction	\$197,080
Total	\$282,710

Funding Estimate At Completion (\$ 000's)

Funding Source	Amount
Federal - HBP	\$144,982
Measure I	\$44
City of San Bernardino DIF	\$1,557
BNSF	\$29,500
TBD	\$106,627
Total	\$282,710

Board approved funding: \$176,083,000

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 2018.

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	[Dec 2019]

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)

Funding Source	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
Total	\$28,386

Board Approved Funding: \$28,386,000

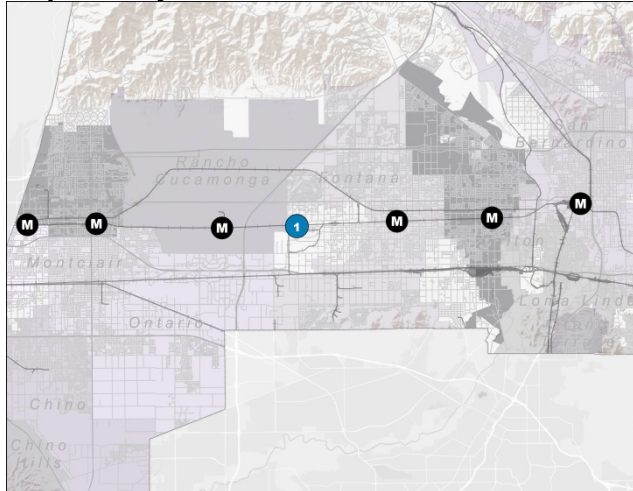
Lead Agency: SBCTA

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

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

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:

- Final close out work is ongoing
- Work completed is what was included in phase one of the program. Phase two work is now being contemplated at these six locations.
- Substantial completion of work was completed in early March 2019.

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	Mar 2019
End of Project	[Jan 2020]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report	\$83
Final Design	\$862
ROW	\$38
Construction	\$3,590
Total	\$4,573

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal ATP	\$4,695
TDA Article 3	\$250
Measure I	\$367
TBD	\$(739)
Total	\$4,573

Board Approved Funding: \$5,312,000

Lead Agency

SBCTA

Project Manager

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

Public/Media Contact

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



1170 West Third Street, Second Floor
San Bernardino, California 92410-1715
Telephone: (909) 884-8276
www.gosbcta.com