

San Bernardino County Transportation Authority
MAJOR PROJECTS

PROJECT STATUS REPORT

April – June 2018



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Corridor

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Special Projects			
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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 supercedes 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) Certification: 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

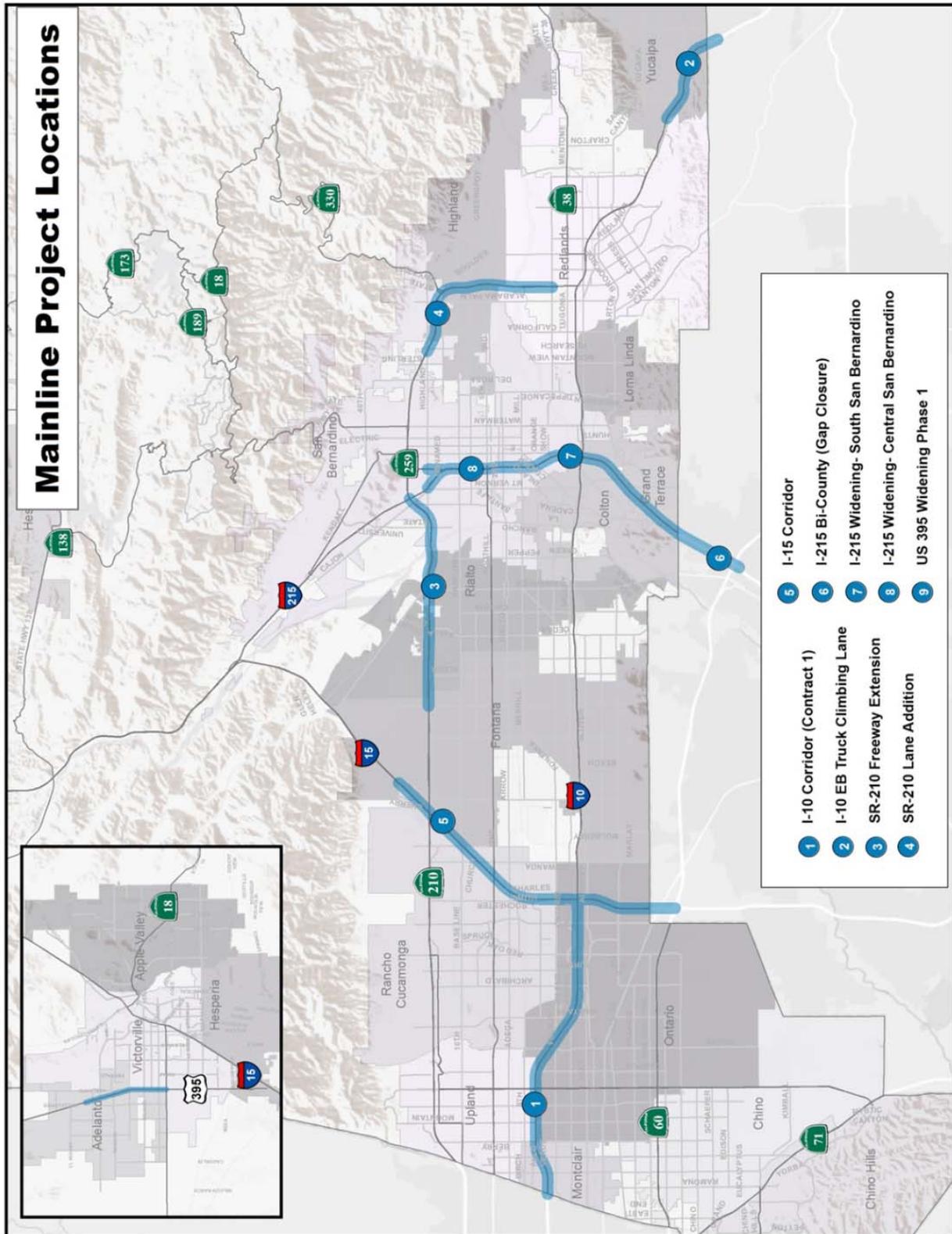
STATE

- 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

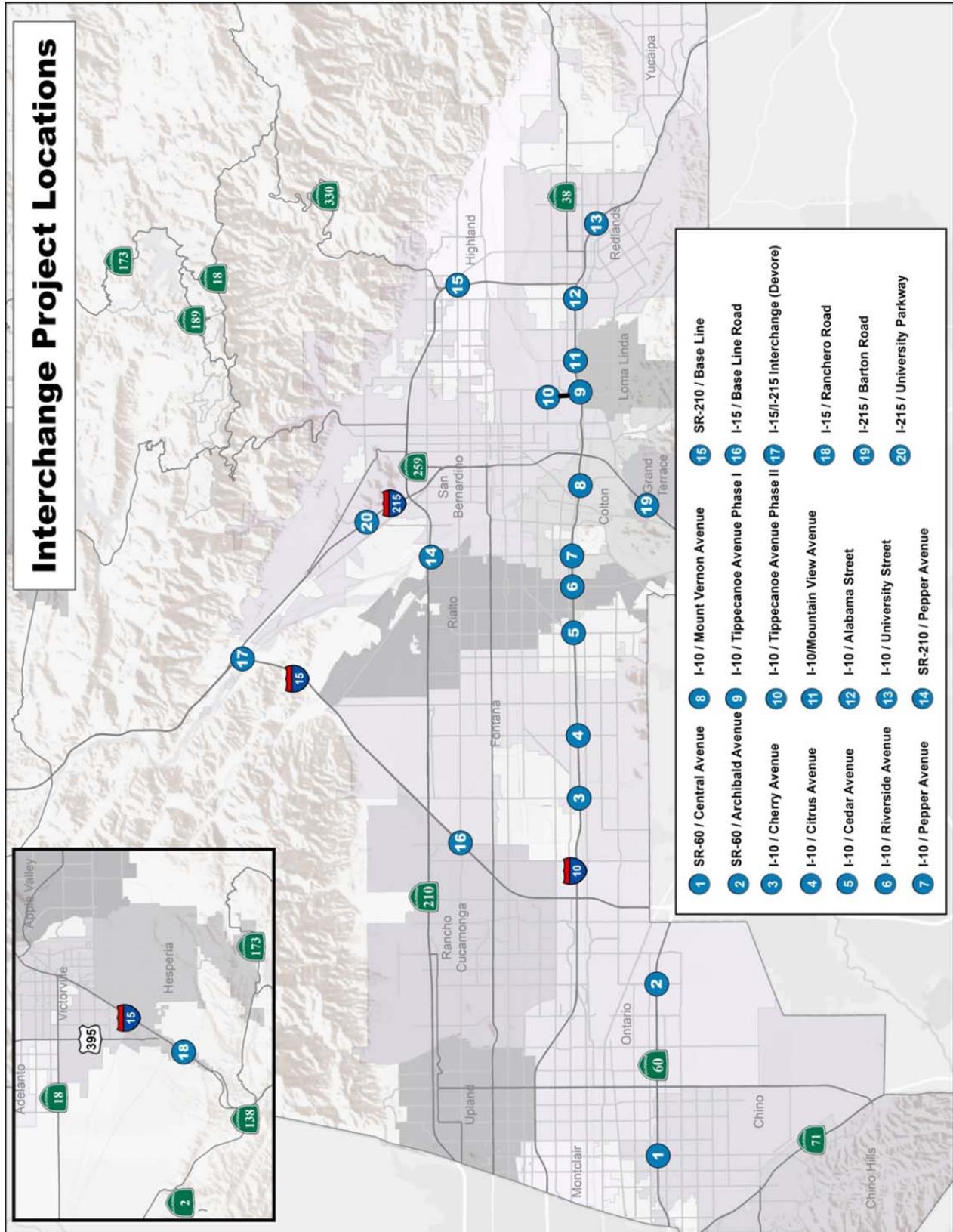
- DIF – Developer Impact Fees
- IVDA – Inland Valley Development Agency
- TDA – Transportation Development Act
- WVWD – West Valley Water District

PROJECT LOCATION MAP MAINLINE PROJECTS



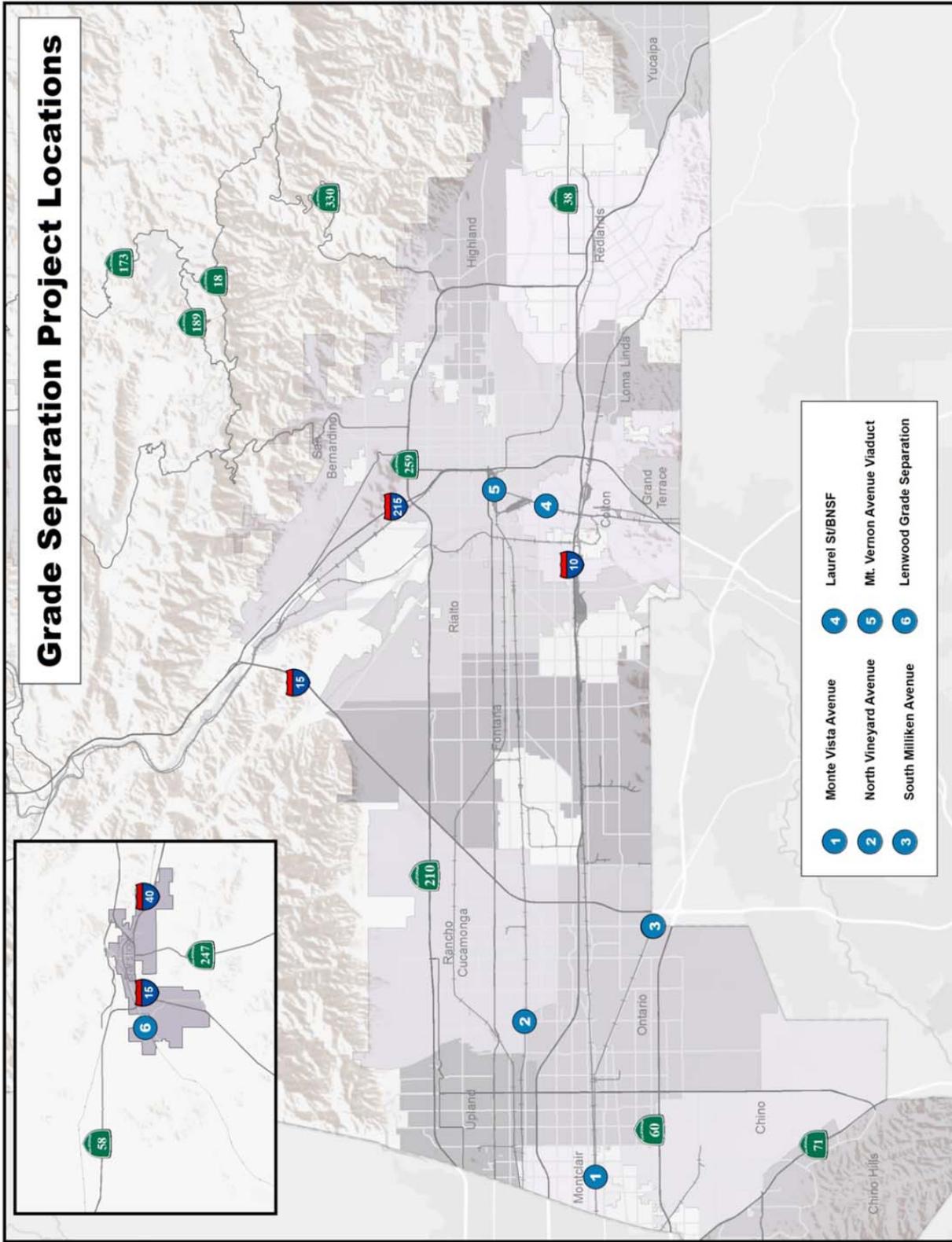
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
 PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR
 PROJECT STATUS – JUNE 2018

PROJECT LOCATION MAP INTERCHANGE PROJECTS



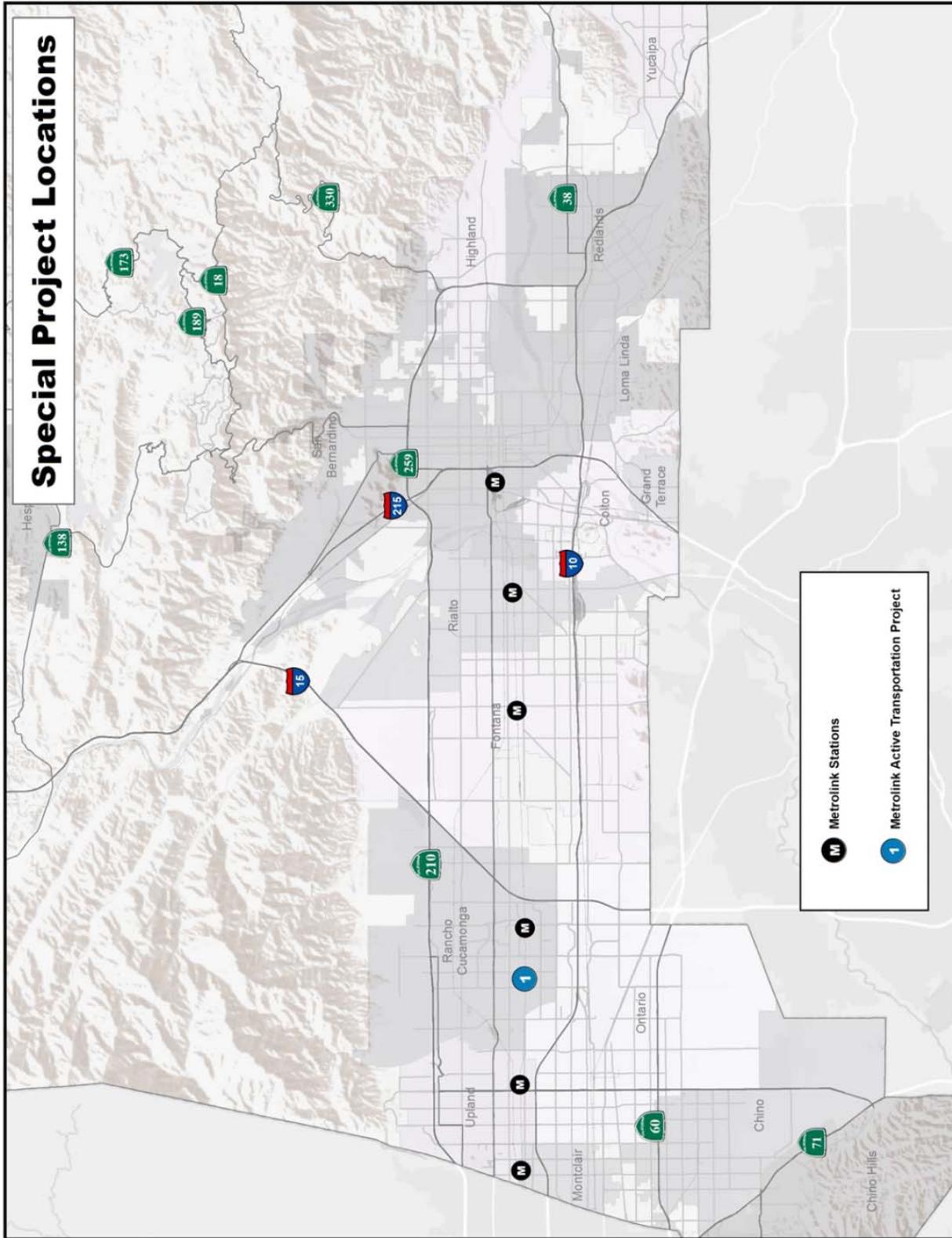
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
 PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR
 PROJECT STATUS – JUNE 2018

PROJECT LOCATION MAP GRADE SEPARATION PROJECTS



SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR
PROJECT STATUS – JUNE 2018

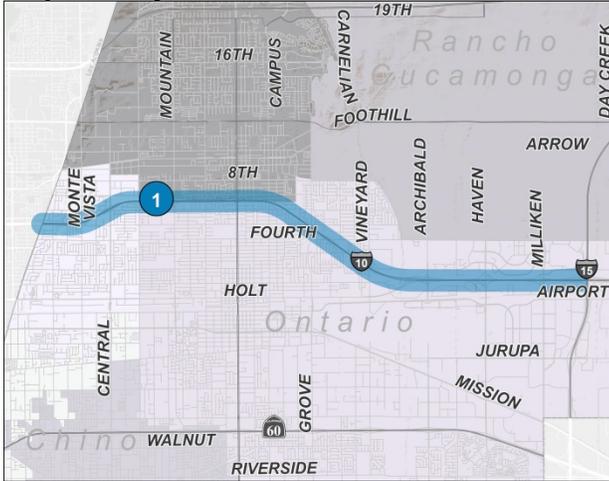
PROJECT LOCATION MAP SPECIAL PROJECTS



SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR
PROJECT STATUS – JUNE 2018

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:

- SBCTA Board approval in June 2018 allows the authorization and execution of the Design Build (DB) and Express Lane Toll System Provider (TSP) contracts upon receipt of concurrence from Caltrans and FHWA.
- ROW discussions are ongoing with the City staff and property owners. Staff is drafting preliminary property investigations, appraisals and survey documents as part of the ROW phase.
- Staff is coordinating closely with all utility owners and Caltrans to draft preliminary agreements for required utility work.
- Staff is continuing to work with Caltrans to finalize cooperative agreements for Express Lane traffic operations, fiber system lease, and ongoing maintenance.

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 Design Build	[Aug 2018]
Complete for Beneficial Use	[Mar 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

Project Notes of Interest:

- Staff coordinating with the Cities of Ontario, Montclair and Upland to execute the Freeway Agreements and Maintenance Agreements.
- 2017 10-Year Delivery Plan amount includes costs for I-10 Contract 1, I-10 Monte Vista interchange, I-10 Euclid interchange, I-10 Vineyard interchange.
- Final project cost also includes cost of Caltrans SHOPP work and I-10 Fourth Street Bridge improvements.

Lead Agency: SBCTA

Project Manager: Chad Costello (909) 884-8276
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2017 10-Year Delivery Plan \$674,612,000
Board approved funding \$929,189,000 (06/06/2018)

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.
- A professional services contract was awarded by the SBCTA Board in July 2017 for preliminary design and environmental studies.

Project Notes of Interest:

- Funding for the project is presently programmed only through the PS&E 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.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	Oct 2015
Project Initiation Document (PID) Approved	Jun 2017
Environmental Clearance (PA/ED)	[Apr 2019]
Final Design Approved (RTL)	[Jul 2020]
Construction Notice to Proceed	[Jan 2021]
Complete for Beneficial Use	[Mar 2022]
End of Project	[May 2022]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$2,027
Final Design	\$2,890
Right-of-Way	\$0
Construction Capital	\$25,263
Total	\$30,180

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
State STIP/RIP	\$2,890
Future Funds	\$25,102
Measure I	\$2,188
Total	\$30,180

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

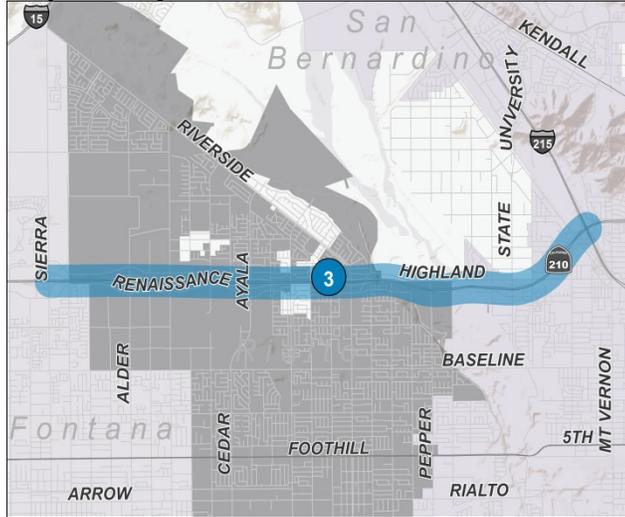
Lead Agency: SBCTA

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

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

SR-210 FREEWAY EXTENSION

Map of Project:



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 February 2020.

Project Notes of Interest:

- The planting concepts developed for the Segment 8 through 11 projects are intended to reduce overall maintenance costs and help conserve water with the implementation of efficient irrigation strategies.

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	[Feb 2020]

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 - Project Administration

Project Manager:

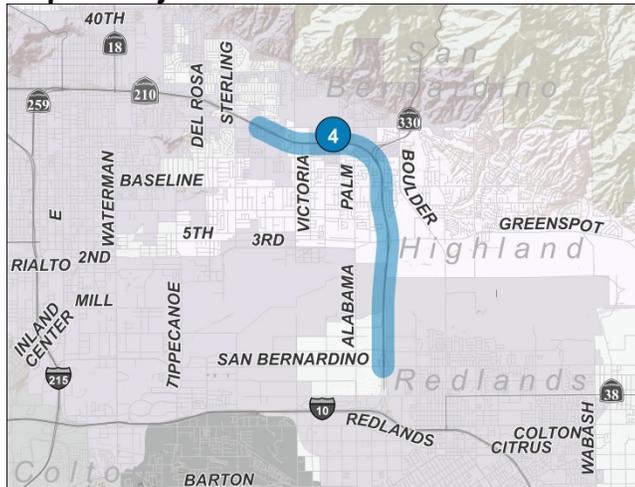
Tim Kirkley (909) 884-8276
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Public/Media Contact:

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:

- Design and right-of-way activities are currently underway.
- A Construction Cooperative Agreement with Caltrans was approved by the SBCTA Board of Directors on January 4, 2018.

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.
- Pavement rehab work has been added to this project which includes new concrete pavement between 5th Street and Lugonia Avenue.
- 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	2011
Project Initiation Document (PID) Approved (by Caltrans)	May 2008
Environmental Clearance (PA/ED)	Jan 2017
Final Design Approved (RTL)	[Feb 2019]
Construction Notice to Proceed	[Sep 2019]
Complete for Beneficial Use	[Aug 2022]
End of Project	[Aug 2027]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	Caltrans
Project Report	\$3,140
Final Design	\$12,509
ROW	\$5,562
Construction	\$156,749
Total	\$177,960

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
State SHOPP	\$42,121
State STIP/RIP	\$25,000
Measure I	\$110,642
TBD	\$197
Total	\$177,960

2017 10-Year Delivery Plan \$140,932,000
 Board Approved Funding \$177,763,000 (01/04/2018)

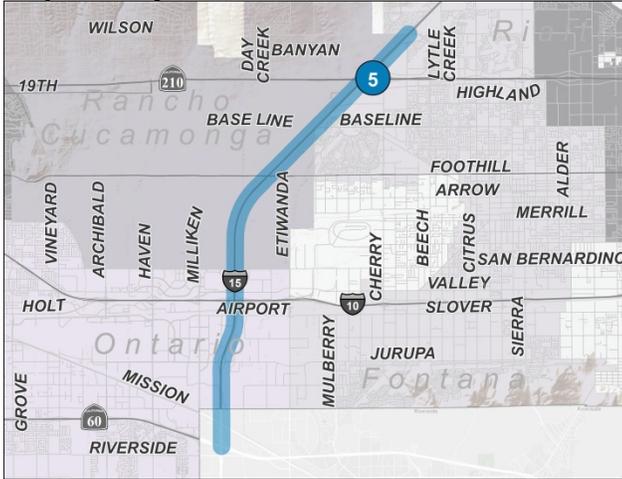
Lead Agency: SBCTA

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

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

I-15 CORRIDOR

Map of Project:



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:

- SBCTA Board of Directors approved the PA/ED contract in October 2014.
- Currently working on finalizing project report and environmental document.
- The Environmental Document was circulated for public comment in February through March 2018.

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.
- A cooperative agreement for future phases to reflect the higher budgetary estimate at completion is anticipated early next year.
- 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	Oct 2012
Project Initiation Document (PID) Approved	Sept 2014
Environmental Clearance (PA/ED)	[Aug 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	\$24,783
Right-of-Way	\$4,149
Construction	\$427,865
Total	\$471,351

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Toll Revenue	\$260,434
Measure I	\$110,336
TBD	100,581
Total	\$471,351

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

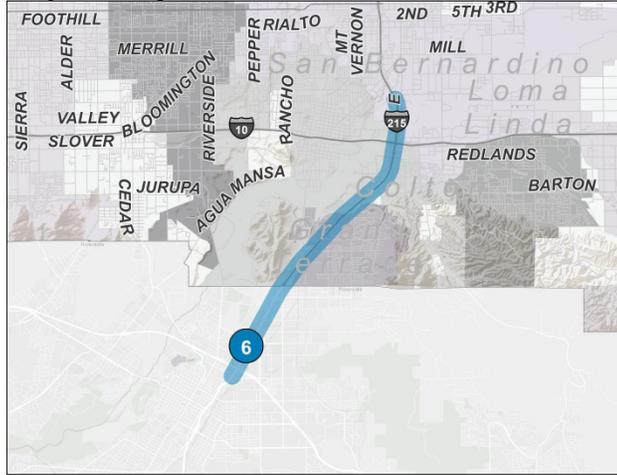
Lead Agency: SBCTA

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:



Project Scope Summary:

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

Project Status and Continuing Activities:

- Scoping activities are ongoing for landscape planting along the project corridor.
- 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.

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

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$520
Final Design	\$1,260
Construction	\$8,278
Total	\$10,058

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Measure I	\$9,054
TBD	\$1,004
Total	\$10,058

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

Lead Agency: SBCTA

Project Manager: Heng Chow (909) 884-8276
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Public/Media Contact: Terri Kasinga (909) 383-4646
Terri.kasinga@dot.ca.gov

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.
- Construction contract awarded November 2017 with work starting February 2018.
- Landscape construction scheduled to be completed in December 2018 followed by a one (1) year plant establishment period and 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.

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	[Dec 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	\$1204
Construction	\$4,078	\$3,316	\$7,384
Landscape EEP	\$350	\$350	\$700
	Total		\$9,358

Funding Estimate At Completion (\$ 000's)			
Funding Source	Seg 1	Seg 3	Total
Federal - PNRS	\$3,678	\$2,937	\$6,615
Measure I	\$1,587	\$1,380	\$2,967
TBD			\$(366)
	Total		\$9,358

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

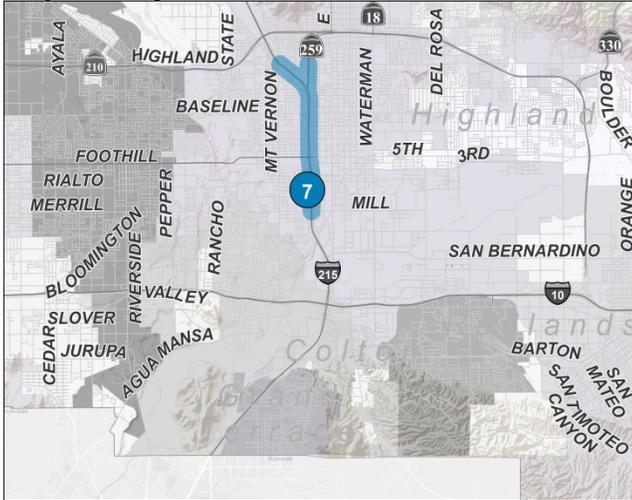
Lead Agency: Caltrans – Landscape Design
 SBCTA – Landscape Construction

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:



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:

- The PS&E has been completed by Caltrans.
- IFB for construction services is anticipated to be released in September 2018.
- A Construction Cooperative Agreement with Caltrans was approved by the SBCTA Board of Directors on February 22, 2017.

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 based on current cost estimates.

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	[Sept 2024]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
PA/ED	\$35
Final Design	\$602
Construction	\$4,903
Landscape EEP	\$300
Total	\$5,840

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal - PNRS	\$4,554
Measure I	\$1,431
TBD	\$(145)
Total	\$5,840

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

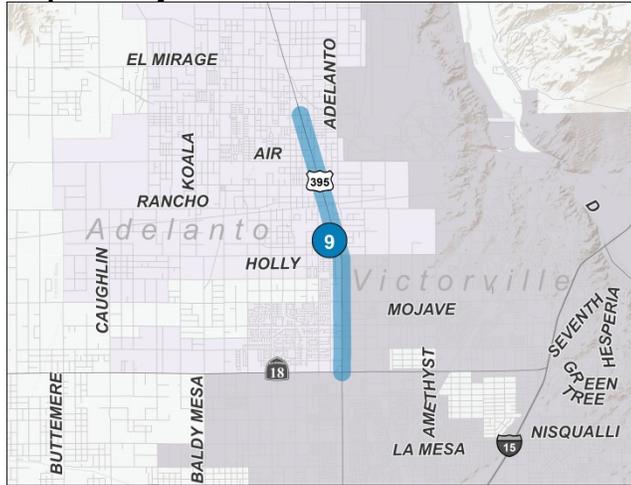
Lead Agency: Caltrans – Construction & Landscape Design
SBCTA – Landscape Construction

Project Manager: Juan Lizarde (909) 884-8276
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Public/Media Contact: Tim Watkins (909) 884-8276
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:

- Final design plans are complete.
- ROW and environmental certification are expected by the end of July 2018.
- Request for approval of the Cooperative Agreement for Construction that includes additional funding per the latest engineers estimate will be presented to the SBCTA Board of Directors in July 2018.

Project Notes of Interest:

- Environmental clearance was approved for all phases in December 2009.
- 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.

Lead Agency: SBCTA – Right of Way
Caltrans – Design

Project Manager: Andrea Nieto (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	Jul 2002
Project Initiation Document (PID)	Aug 2005
Environmental Clearance (PA/ED)	Dec 2009
Final Design Approved (RTL)	[Oct 2018]
Construction Notice to Proceed	[Jun 2019]
Complete for Beneficial Use	[Mar 2021]
End of Project	[Jan 2022]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report and Env Doc	\$2,087
Final Design	\$6,115
ROW	\$12,678
Construction	\$37,118
Total	\$57,998

Funding Estimate At Completion (\$ 000's)	
Funding Source	Amount
Federal - STP	\$13,372
Federal - DEMO	\$360
State - STIP/RIP	\$14,886
Measure I	\$1,483
Local Funds	\$600
State SHOPP	\$214
State TCEP	\$24,292
Federal 2016 Earmarks	\$2,558
TBD	\$1,170
Total	\$57,998

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

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 plans and specifications were submitted to Caltrans for review in March 2018.
- 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 anticipated this fall to address current costs in the construction phase.

Project Notes of Interest:

- High Occupancy Vehicle (HOV) preferential lanes are being added to both on-ramps.
- 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)	[Apr 2019]
Construction Notice to Proceed	[Aug 2019]
Complete for Beneficial Use	[Dec 2020]
End of Project	[Dec 2025]

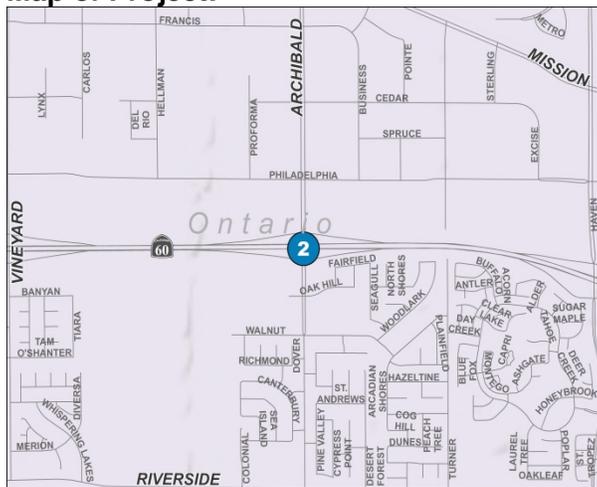
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$1,341
Final Design	\$1,550
ROW/Utilities Capital	\$1,035
Construction	\$25,146
Total	\$29,072

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$8856
City of Chino DIF	\$12,639
TBD	\$7,576
Total	\$29,072

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:

- The Project Report was approved, completing the environmental clearance phase.
- Procurement for construction management services is underway.
- ROW requirement maps were approved by Caltrans. Appraisals are expected by August 2018.
- Budgetary Estimate at Completion increased due to project management and construction cost increases.

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)	[May 2019]
Construction Notice to Proceed	[Oct 2019]
Complete for Beneficial Use	[Feb 2021]
End of Project	[Sept 2021]

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, and Cooperative Agreement with the City executed in 2014 were not realized.

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report/Project Report	\$1,011
Final Design	\$1,057
ROW/Utilities	\$1,1367
Construction	\$12,563
Total	\$15,998

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$4,240
City of Ontario	\$8,505
TBD	\$3,253
Total	\$15,998

2017 10-Year Delivery Plan \$12,745,000

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.
- Construction is complete and in federal close out phase.
- 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)	
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

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.

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	[Jun 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 survey and base maps for the preliminary design plans.
- Caltrans has initiated the preliminary geometric plans and structure designs.
- Project Development Team (PDT) and stakeholder meetings are ongoing.
- 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:

- Caltrans is responsible for the PS&E, and the County is responsible for the right-of-way phase.
- The Cooperative Agreement for PS&E between the County and SBCTA was executed on February 7, 2018.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

Lead Agency: County of San Bernardino

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

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

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	2001
Project Initiation Document (PID) Approved (by others)	Nov 2001
Environmental Clearance (PA/ED)	July 2013
Final Design Approved (RTL)	[Aug 2020]
Construction Notice to Proceed	[Feb 2021]
Complete for Beneficial Use	[Nov 2022]
End of Project	[Nov 2027]

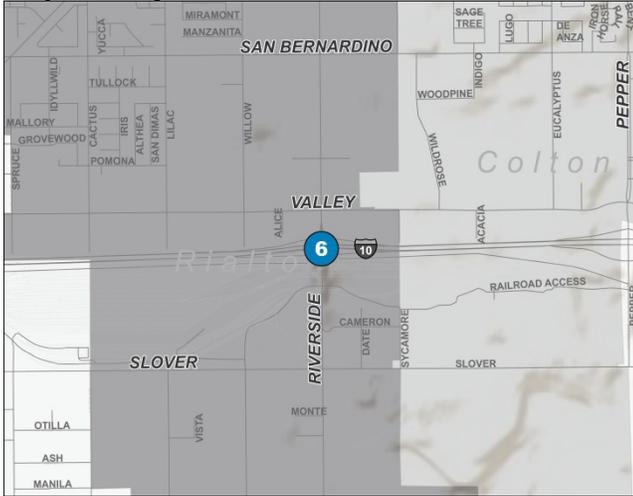
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	County
Project Report	\$559
Final Design	\$7,865
ROW	\$2,250
Construction	\$68,625
Total	\$79,299

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Federal - STP	\$6,500
Measure I	\$47,098
County of San Bernardino DIF	\$18,360
TBD	\$7,341
Total	\$79,299

Board Approved Funding \$71,958,000 (02/07/2018)

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 is currently in a four-year plant establishment period scheduled for completion 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

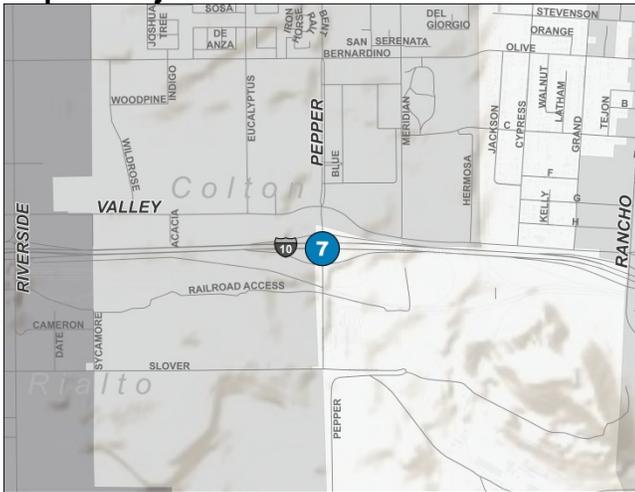
Lead Agency: SBCTA

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 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	[Oct 2018]

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

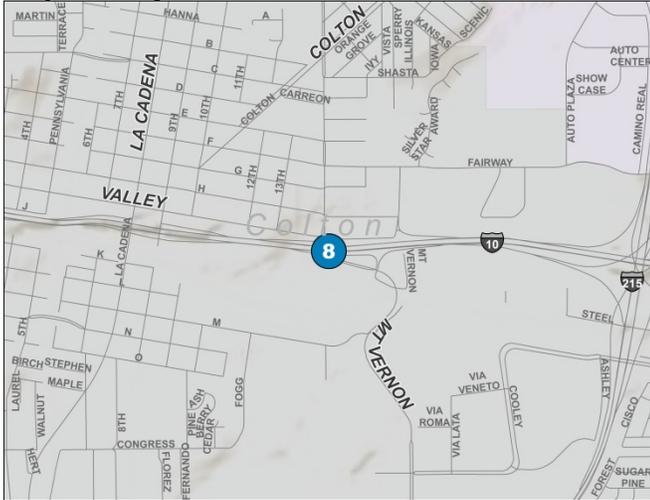
Lead Agency: SBCTA

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:

- Planning phase is underway, expected to be completed in August 2018.
- Contract for PA/ED and PS&E will be submitted to the SBCTA Board of Directors at the July 2018 Board meeting for approval.
- Funding for the PA/ED and PS&E phases will be submitted to the SBCTA Board of Directors 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 Phase.
- 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	[Jul 2018]
Environmental Clearance (PA/ED)	[Dec 2019]
Final Design Approved (RTL)	[Mar 2021]
Construction Notice to Proceed	[Aug 2021]
Complete for Beneficial Use	[May 2023]
End of Project	[Feb 2024]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report//PA/ED	\$2,694
Final Design	\$3,005
ROW	\$4,120
Construction	\$44,050
Total	\$53,869

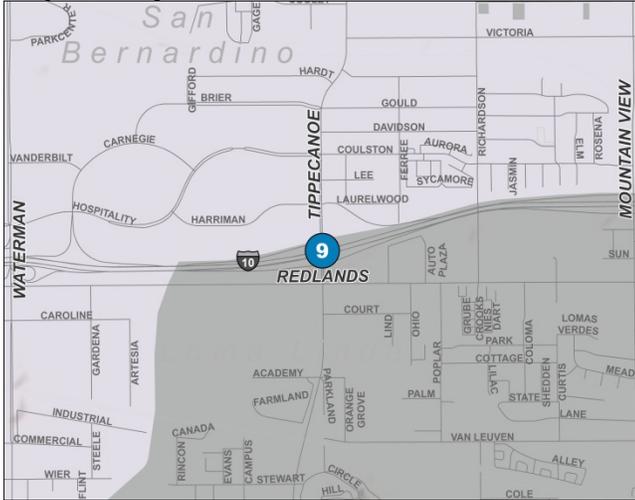
Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$51,093
City of Colton DIF	\$2,746
TBD	\$30
Total	\$53,869

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

Board Approved Funding \$53,839,000 (07/11/2018)

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 July 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

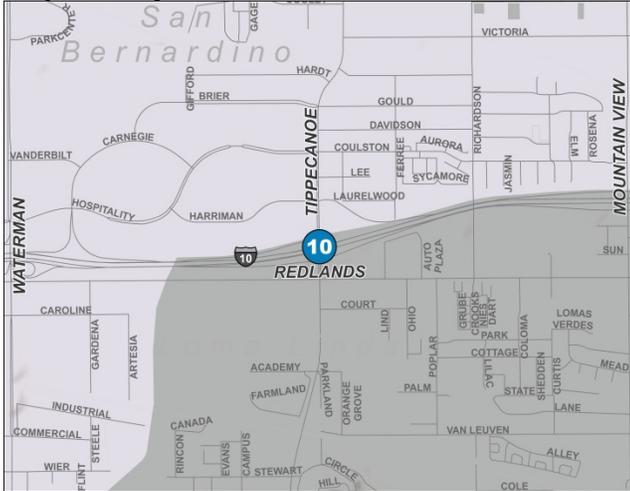
Lead Agency: SBCTA

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.

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	[Sept 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	\$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

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

Lead Agency:

SBCTA

Project Manager:

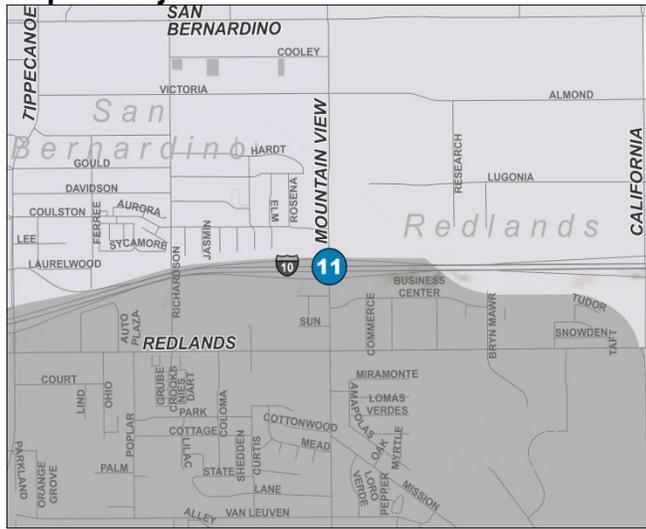
Tim Kirkley (909) 884-8276
tkirkley@gosbcta.com

Public/Media Contact:

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

I-10 / MOUNTAIN VIEW AVENUE

Map of Project:



Project Scope Summary:

The project will widen Mountain View Avenue from Business Center Drive to Coulston Street in the City of Loma Linda.

Project Benefit:

The project will improve traffic operations and reduce traffic congestion on Mountain View Avenue at the I-10 interchange.

Project Status and Continuing Activities:

- A Cooperation Agreement has been executed with Caltrans to develop the Project Study Report (PSR).
- The PID phase was completed in December 2017, and the PSR was approved by Caltrans.
- The City of Loma Linda and IVDA have decided to hold on the PA/ED Phase of the project pending available funding.

Project Notes of Interest:

- Mountain View Avenue, designated as a truck route, currently experiences truck traffic at over 13% of the total traffic volume.
- Along with serving the San Bernardino International Airport, the interchange serves a large volume of truck traffic from surrounding fulfillment centers and businesses located in the City of Loma Linda, City of San Bernardino, the County of San Bernardino, and the City of Redlands.

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

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	\$334
PA/ED	\$TBD
Final Design	\$TBD
ROW	\$TBD
Construction	\$TBD
Total	\$334

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
City of Loma Linda DIF	\$275
IVDA	\$117
TBD	\$(58)
Total	\$334

Board approved funding \$392,400 (04/30/2018)

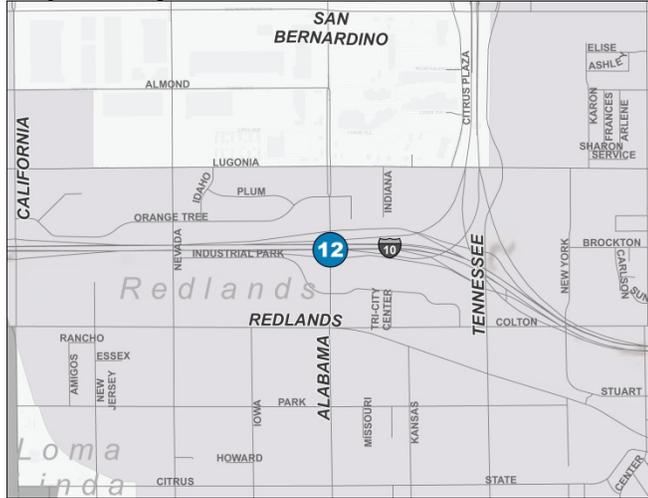
Lead Agency: SBCTA

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

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

I-10 / 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 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	[Oct 2021]
End of Project	[Oct 2026]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	\$369
PA/ED	\$645
Final Design	\$1,165
ROW	\$41
Construction	\$9,078
Total	\$11,298

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$4,895
City of Redlands DIF	\$6,087
TBD	\$316
Total	\$11,298

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

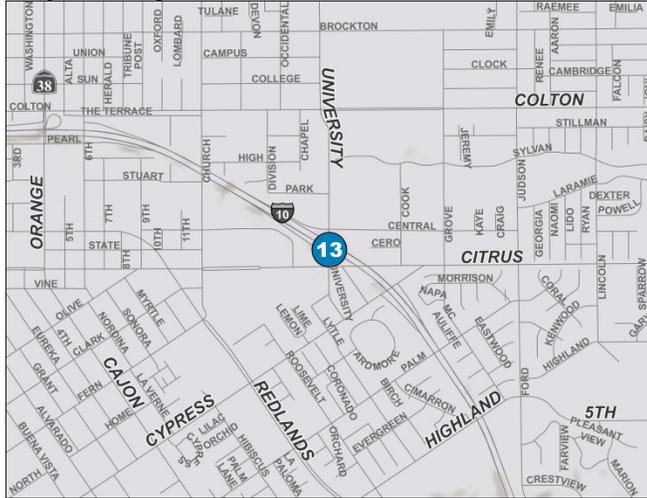
Lead Agency: SBCTA

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 September 2018.

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 of 2018.
- 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)	[Oct 2018]
Construction Notice to Proceed	[Mar 2019]
Complete for Beneficial Use	[Nov 2019]
End of Project	[Oct 2024]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
PEER/ED	\$435
Final Design	\$807
Construction	\$3,892
Total	\$5,134

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$4,373
City of Redlands DIF	\$1,047
TBD	\$(286)
Total	\$5,134

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.
- Budgetary estimate at completion includes future landscape maintenance.
- Construction Cooperative Agreement was approved by the SBCTA Board of Directors on December 28, 2017.

Project Notes of Interest:

- The structure was completed with the freeway mainline. This project completes the ramps and other ancillary improvements.
- The project included landscape construction and will include a one year plant establishment period and 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	[May 2023]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	\$1,731
Final Design	\$1,715
ROW	\$1,207
Construction	\$18,597
Total	\$23,250

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Federal - STP	\$15,213
Measure I 1990-2010	\$9,062
WVWD	\$321
TBD	\$(1,346)
Total	\$23,250

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

Lead Agency:

SBCTA

Project Manager:

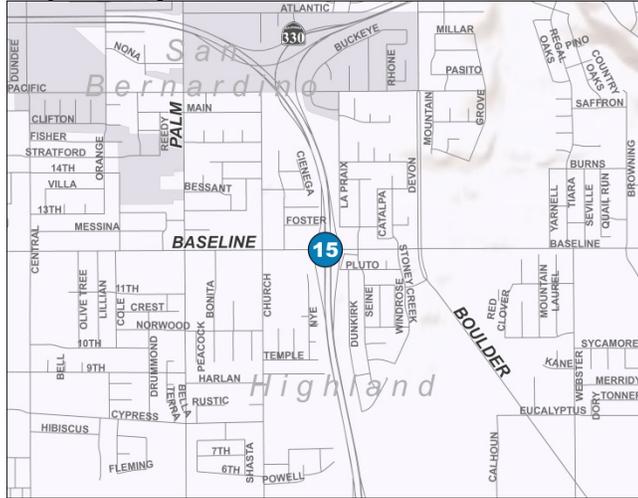
Paul Melocoton (909) 884-8276
 pmelocoton@gosbcta.com

Public/Media Contact:

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

SR-210 / BASE LINE STREET

Map of Project:



Project Scope Summary:

The project will widen Base Line Street 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:

- Project Approval / Environmental Clearance (PA/ED) received in December 2016.
- A contract for final design services was awarded in June 2016.
- 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.

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)	[Feb 2019]
Construction Notice to Proceed	[Sep 2019]
Complete for Beneficial Use	[Aug 2022]
End of Project	[Aug 2027]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	\$214
Project Report	\$1,049
Final Design	\$1,683
ROW	\$2,690
Construction	\$25,746
Total	\$31,382

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Measure I	\$18,390
City of Highland DIF	\$13,262
TBD	\$(270)
Total	\$31,382

Project Notes of Interest:

- As the SR-210 Base Line Street 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

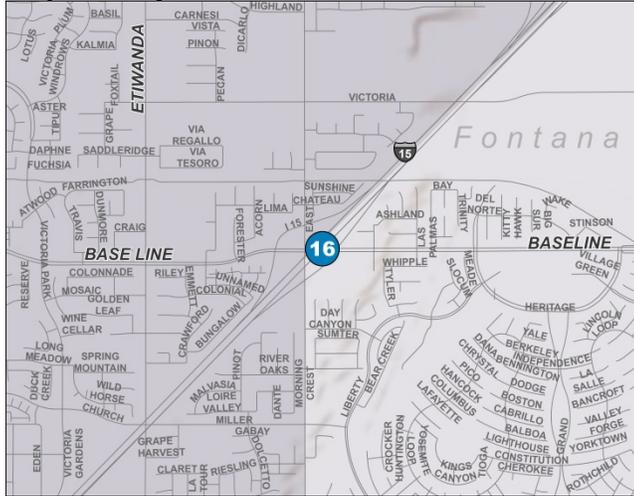
Project Manager: Juan Lizarde (909) 884-8276
jlizarde@gosbcta.com

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

2017 10-Year Delivery Plan \$26,198,000
Board Approved Funding \$31,651,466 (07/11/2018)

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.
- Contractor is completing plant establishment.

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 began on August 22, 2017.

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:

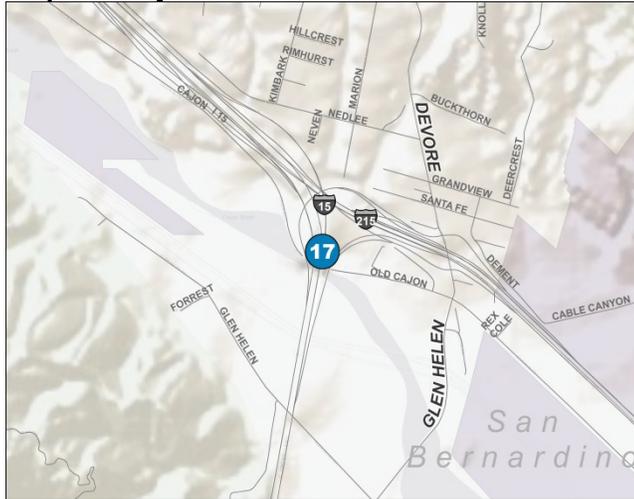
Mike Barnum (909) 884-8276
mbarnum@gosbcta.com

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.
- Right of way and design build cooperative amendments were approved at the July 2014 SBCTA Board of Directors meeting.

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	[Oct 2018]

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

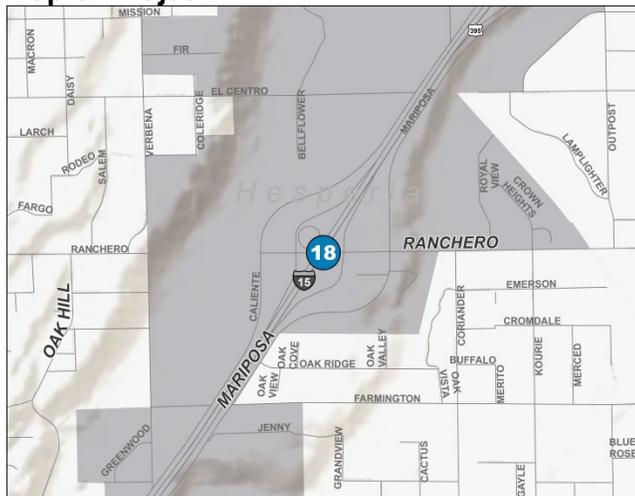
Lead Agency: Caltrans – Design Build
SBCTA implementing agency for right-of-way, utilities, and railroad.

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

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

I-15 / RANCHERO ROAD

Map of Project:



Project Scope Summary:

The project provided a new freeway interchange and connects Mariposa Road and Caliente Road by constructing an eight-lane overcrossing including turn lanes.

Project Benefit:

Project provided a new interchange to serve the City of Hesperia and surrounding area, which will relieve congestion on the adjacent interchanges.

Project Status and Continuing Activities:

- Project is 100% complete and in final close out.

Project Notes of Interest:

- The City of Hesperia was the lead agency for the environmental, design, and right-of-way phases of this project.
- The final invoice was submitted to the City of Hesperia in October 2016.
- Of the \$31,359,000 City share, \$18,762,000 was advanced with Measure I and CMIA and will be paid back over time per the loan agreement approved at the June 06, 2018 SBCTA Board meeting.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	Mar 2012
Project Initiation Document (PID) Approved	Jul 2006
Environmental Clearance (PA/ED)	Mar 2010
Final Design Approved (RTL)	May 2012
Construction Notice to Proceed	Nov 2012
Complete for Beneficial Use	Feb 2015
End of Project	May 2018

Budgetary Estimate at Completion (\$ 000's)	
Cost Item	Amount
Study Report	City Funded
Project Report	\$1,396
Final Design	\$3,496
ROW	City Funded
ROW Capital	\$10,908
Construction Capital	\$41,507
Total	\$57,307

Funding Estimate at Completion (\$ 000's)	
Cost Item	Amount
Federal - IMD	\$3,008
State -STIP/RIP	\$14,350
State - SLPP	\$4,321
State – CMIA	\$4,269
City of Hesperia DIF	\$31,359
Total	\$57,307

Board Approved Funding \$57,307,000 (06/06/2018)

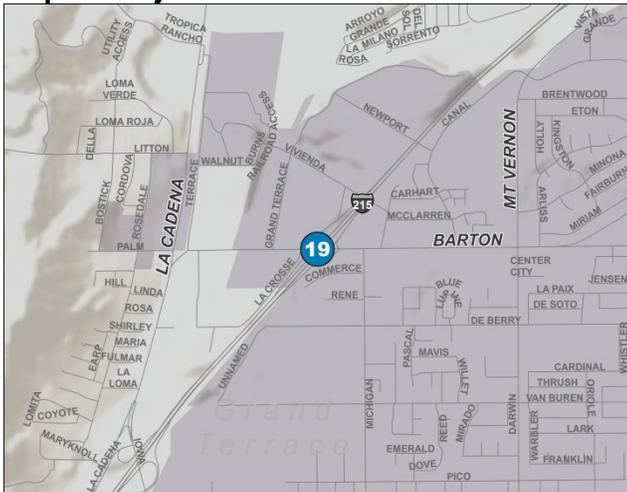
Lead Agency: SBCTA

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

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

I-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:

- Cooperative Agreement for Construction was approved by the SBCTA Board of Directors in February 2017.
- Construction began in January 2018.
- Budgetary estimate at completion has increased due to ROW costs.
- 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 will assist Caltrans with design to prove 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]

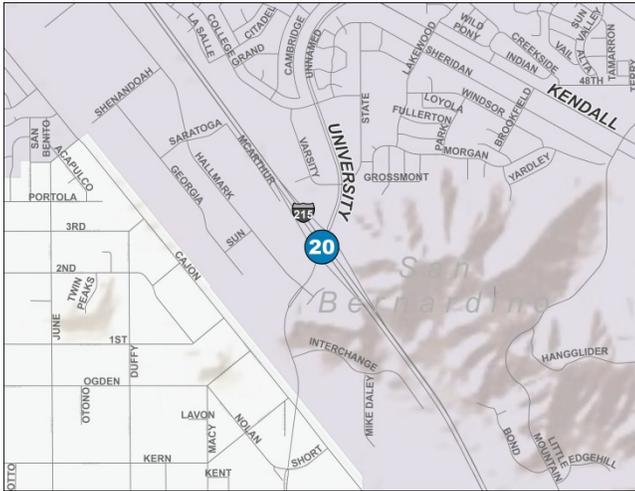
Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	-Incl in PA/ED-
Project Report	\$2,991
Final Design	\$6,486
ROW	\$40,834
Construction	\$59,874
Totals	\$110,185

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
State – STIP/RIP	\$17,400
Federal - STP	\$17,017
Federal - Section 112	\$1,980
Federal - Section 115	\$501
Federal - DEMO	\$11,219
Federal - EARREPU	\$1,710
Measure I (2010-2040)	\$58,609
RCTC	\$156
Measure I (1990-2010)	\$2133
TBD	\$(540)
Total	\$110,185

Board Approved Funding \$110,725,000 (12/06/2017)

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:

- Traffic studies have been completed.
- 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.

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.

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

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	
Project Report	\$1,181
Final Design	\$784
ROW	\$790
Construction	\$7,223
Totals	\$9,978

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	\$3,805
Total	\$9,978

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

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

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	[Jan 2019]
End of Project	[Mar 2020]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report	City
Final Design	City
ROW	City
Construction	\$24,759
Total	\$24,759

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Federal - PNRS	\$14,496
State - TCIF	\$1,019
Measure I	\$2,826
City of Montclair DIF	\$2,543
UPRR	\$1,076
PUC Section 190	\$5,000
TBD	\$(2,202)
Total	\$24,759

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

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

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 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	[Dec 2018]

Budgetary Estimate at Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	\$555
Final Design	\$3,997
ROW Certification	\$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:

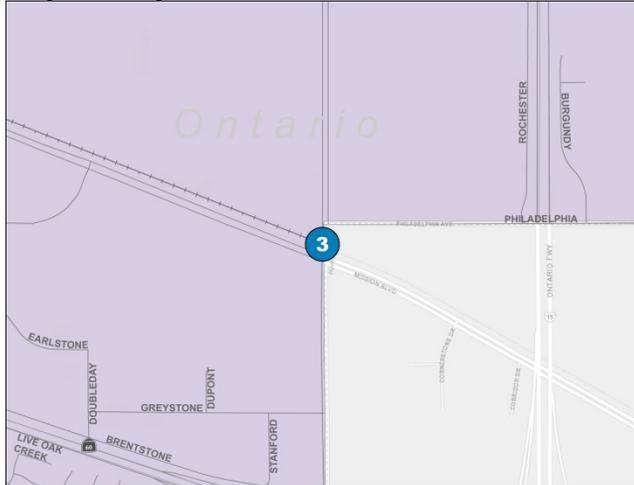
Andrea Nieto (909) 884-8276
 anieto@gosbcta.com

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, 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	[Sep 2018]

Budgetary Estimate at Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	\$678
Final Design	\$5,652
ROW Certification	\$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	\$15,807
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:

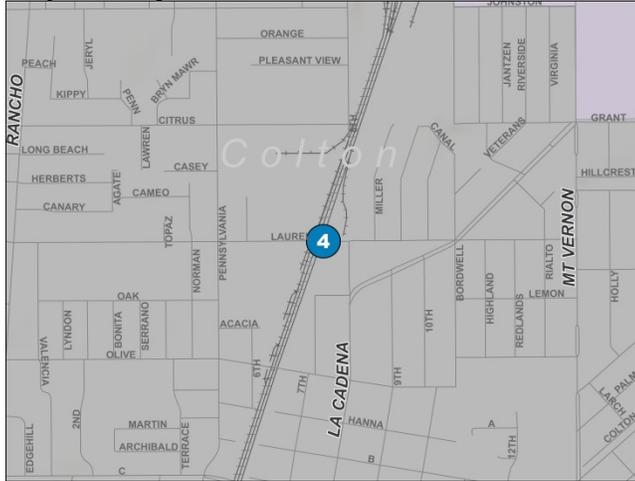
Andrea Nieto (909) 884-8276
 anieto@gosbcta.com

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 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	[Oct 2018]

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
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@gosbcta.com

MOUNT VERNON AVENUE VIADUCT

Map of Project:



Project Scope Summary:

This project will reconstruct the Mount Vernon Avenue Viaduct over the BNSF Railway intermodal yard in 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 Cooperative Agreement for design/build with the City of San Bernardino will be presented at the July 2018 SBCTA Board of Directors meeting.
- Constructability and community impacts are under study.
- Original footprint re-evaluated in February 2018; new footprint currently under study.
- RFP for legal services issued in December 2017, and a contract was awarded at the May 2018 SBCTA Board of Directors meeting.

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 Contact: Tim Watkins (909) 884-8276
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	[Jul 2019]
Construction Notice to Proceed	[Nov 2019]
Complete for Beneficial Use	[Nov 2021]
End of Project	[Jun 2023]

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Project Report	\$5,734
ROW Certification	\$70,571
Construction	\$98,610
Total	\$174,915

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Federal - HBP	\$133,535
Measure I	\$1,610
City of San Bernardino DIF	\$2,017
BNSF	\$29,500
TBD	\$8,253
Total	\$174,915

Board approved funding \$166,662,000 (07/11/2018)

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 is in process.

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]

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.

Budgetary Estimate At Completion (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	Incl in Design
Final Design	\$4,359
ROW Certification	\$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
Total	\$28,386

Lead Agency: SBCTA

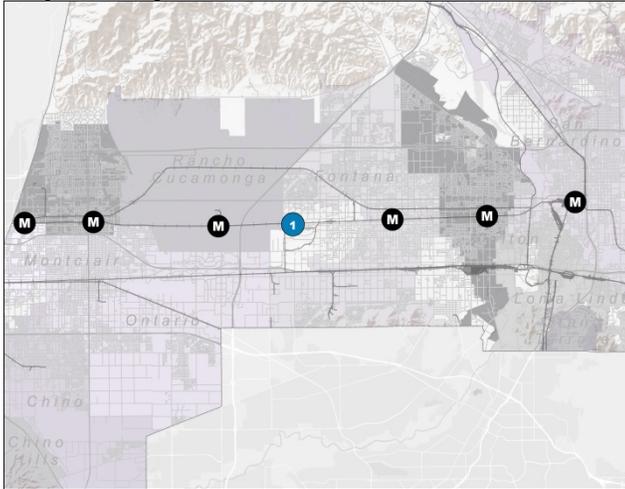
Project Manager: Andrea Nieto (909) 884-8276
 anieto@gosbcta.com

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

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

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 will lead 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	\$4,171
Total	\$5,154

Funding Estimate At Completion (\$ 000's)	
Cost Item	Amount
Federal ATP	\$4,679
TDA Article 3	\$250
Measure I	\$225
Total	\$5,154

Board approved funding \$5,154,000

Lead Agency SBCTA

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

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