

San Bernardino County Transportation Authority  
MAJOR PROJECTS  
**PROJECT STATUS REPORT**  
January – March 2019

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**Note:** The To Be Determined (TBD) amounts under the “Project Funding Estimate at Completion” tables will be addressed in the upcoming 2019 update of the 10-Year Delivery Plan.

## **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**

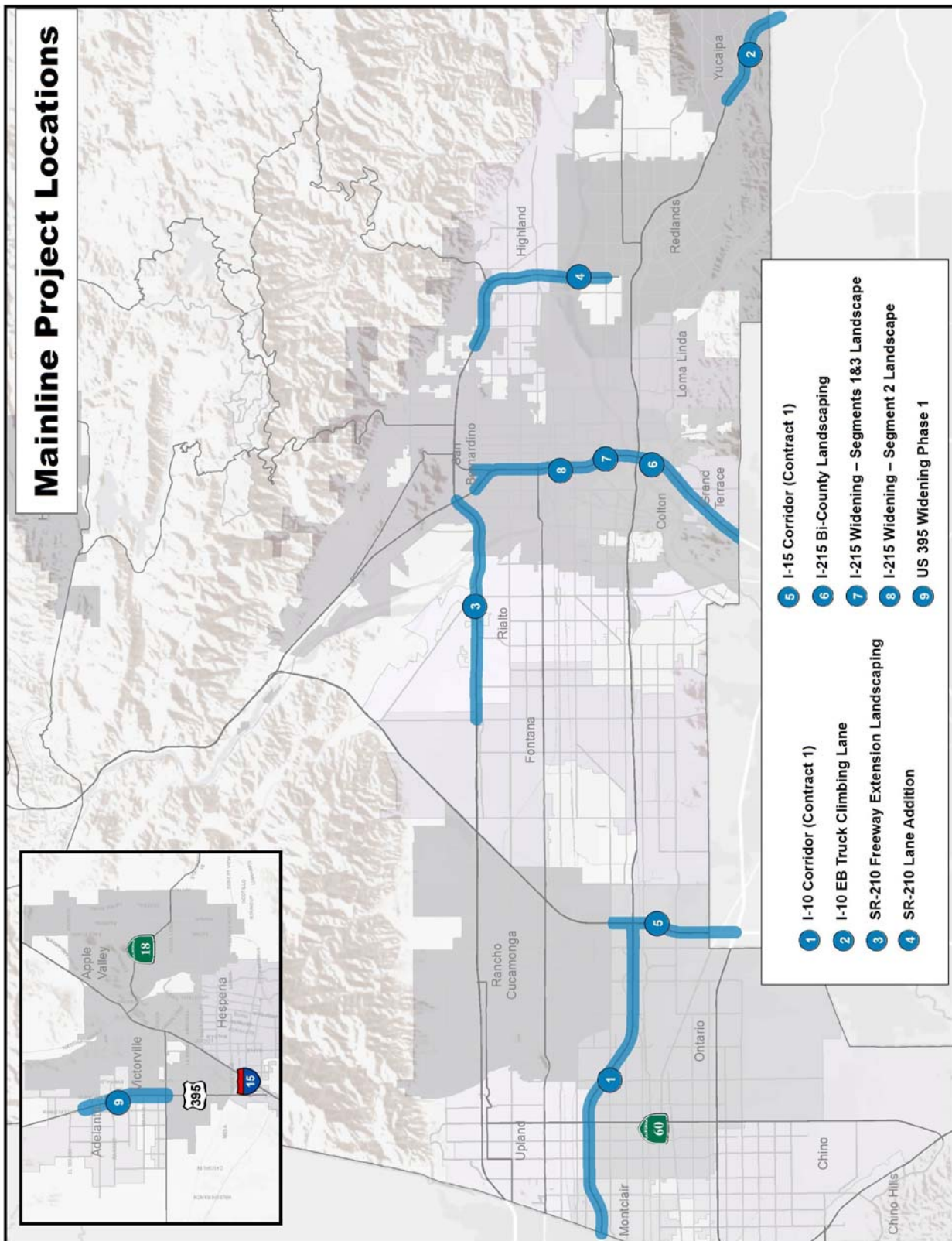
- CMIA – Corridor Mobility Improvement Account
- ITIP – Interregional Transportation Improvement Program
- IIP – Interregional Improvement Program
- LPP – Local Partnership Program (Senate Bill 1)
- PUC – Public Utilities Commission
- RIP – Regional Improvement Program
- SHOPP – State Highway Operation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

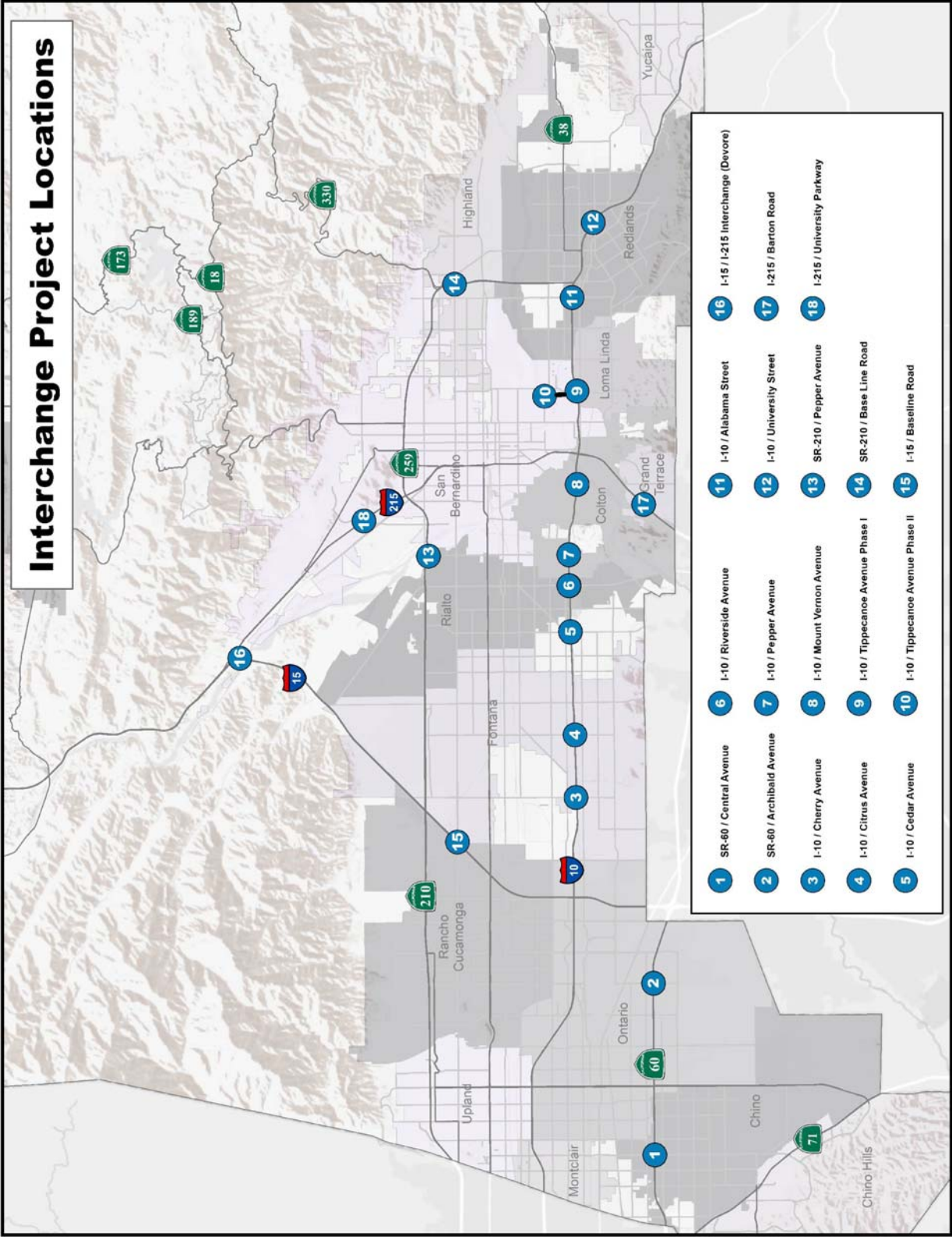


# PROJECT LOCATION MAP MAINLINE PROJECTS



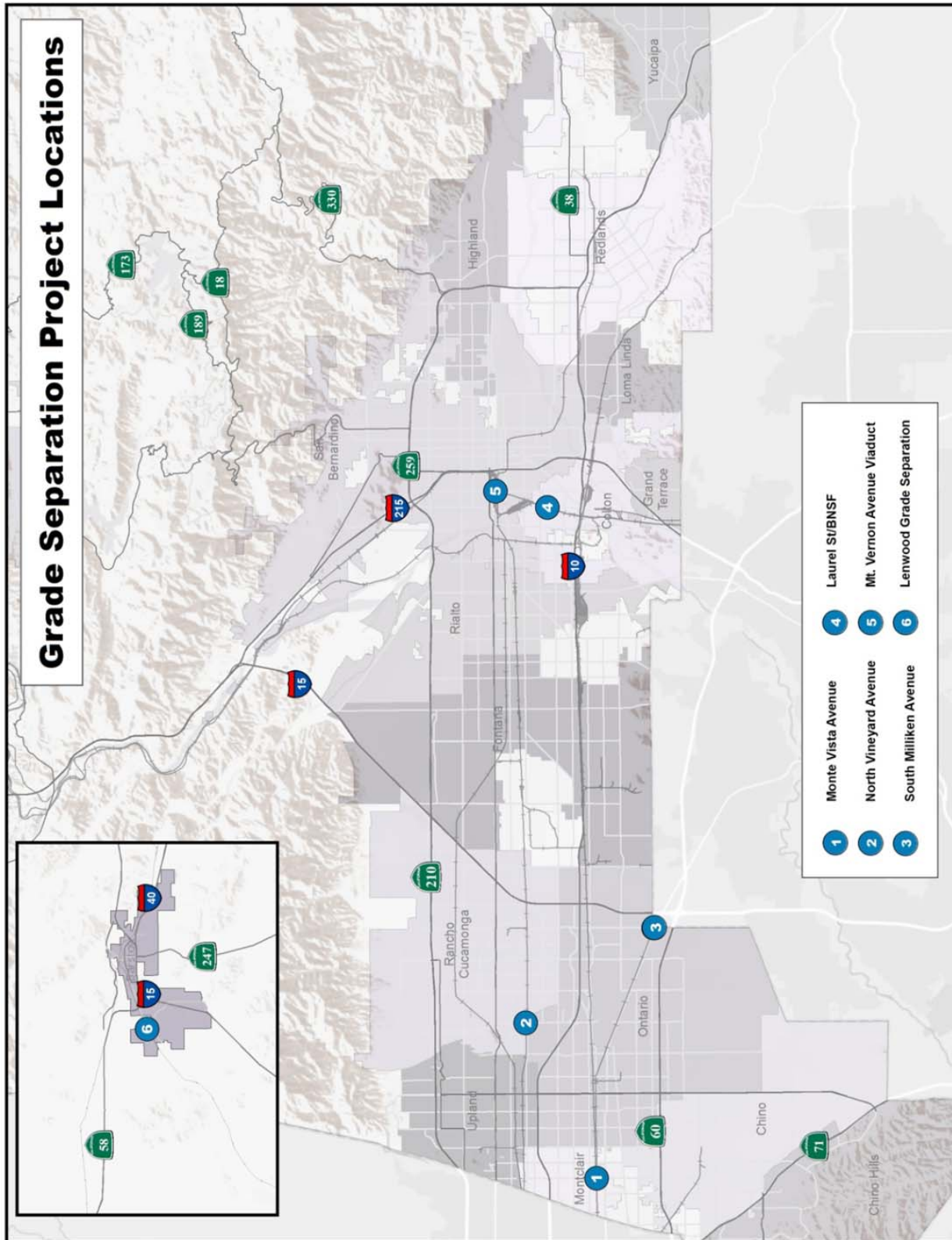
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY  
PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR  
PROJECT STATUS – MARCH 2019

PROJECT LOCATION MAP  
INTERCHANGE PROJECTS





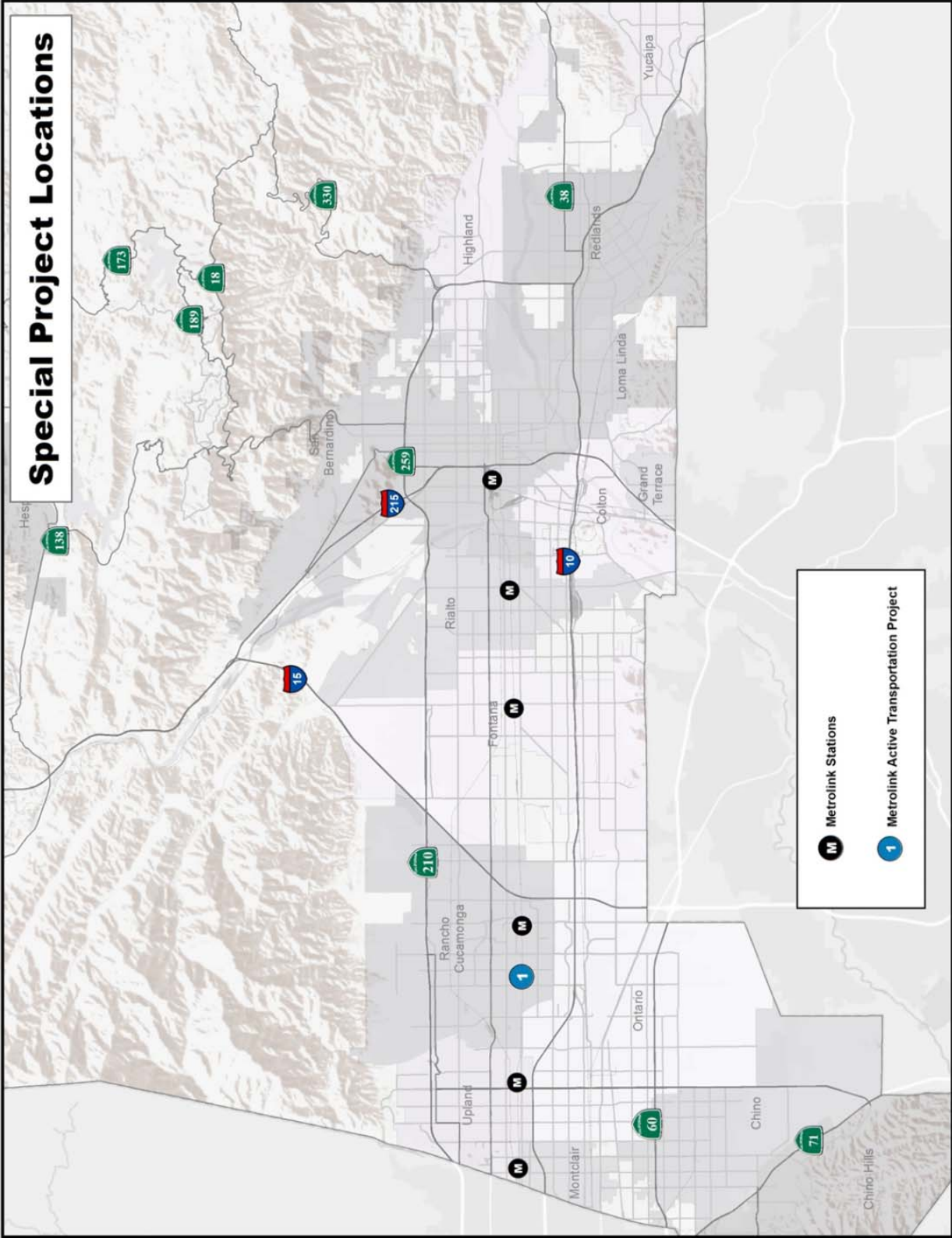
# PROJECT LOCATION MAP GRADE SEPARATION PROJECTS



SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY  
PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR  
PROJECT STATUS – MARCH 2019

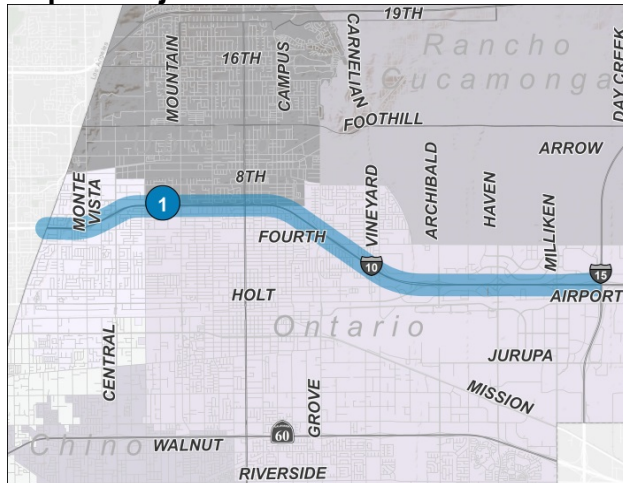


PROJECT LOCATION MAP  
SPECIAL PROJECTS



## 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:

- For the Design-Build (DB) contract, NTP 2 activities have commenced and are progressing.
- For the Toll System Provider (TSP) contract, 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.
- 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<br>[ 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               |
| 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 |

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

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 is continuing to work with USDOT to finalize the terms for a TIFIA loan as a key element of the funding plan. The financial close milestone is currently anticipated in 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

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY  
PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR  
PROJECT STATUS – MARCH 2019

## I-10 EASTBOUND TRUCK CLIMBING LANE

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

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

### Project Status and Continuing Activities:

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

### Project Notes of Interest:

- Funding for the project is presently programmed only through the 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.

**Lead Agency:** SBCTA

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

### Schedule Summary

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

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

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

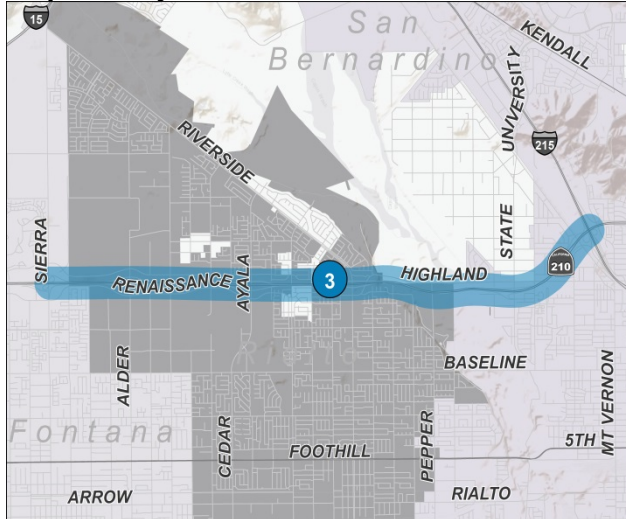
### Funding Estimate At Completion (\$ 000's)

| Funding Source   | Amount    |
|------------------|-----------|
| Future Funds     | \$30,486  |
| Measure I        | \$1,706   |
| State - STIP/RIP | \$2,750   |
| TBD              | \$(4,762) |
| Total            | \$30,180  |

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

## SR-210 FREEWAY EXTENSION LANDSCAPING

### Map of Project:



### Schedule Summary

| Milestone                                  | Actual<br>[ 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

### Project Scope Summary:

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

### Current Project Summary:

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

### Project Benefit:

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

### Current Project Benefit:

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

### Project Status and Continuing Activities:

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

### Project Notes of Interest:

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

### Lead Agency:

Caltrans - Landscape Design  
SBCTA - Landscape Construction

### Project Manager:

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

### Public/Media

Tim Watkins (909) 884-8276

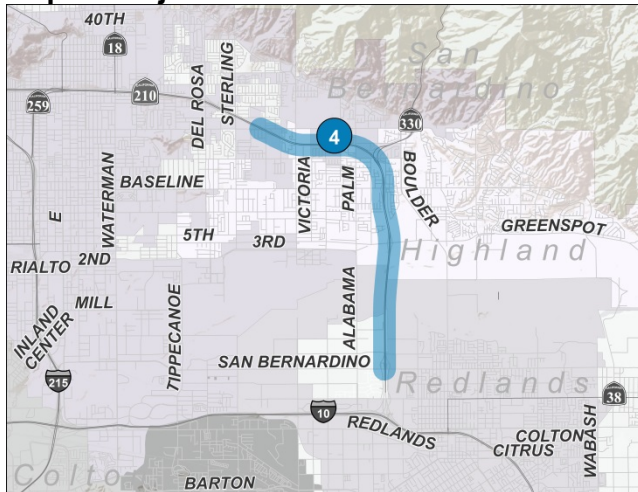
### Contact:

twatkins@gosbcta.com



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

## Map of Project:



## Project Scope Summary:

This gap closure project includes the addition of one general purpose lane in each direction within the median of SR-210 generally between Highland Avenue in the City of San Bernardino and San Bernardino Avenue in the City of Redlands.

## Project Benefit:

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

## Project Status and Continuing Activities:

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

## Project Notes of Interest:

- As the SR-210 Lane Addition and SR-210 Base Line Interchange projects align geographically and share similar delivery schedules, they will be combined for the design, right-of-way, and construction phases to save cost and schedule.
- Caltrans pavement rehab work has been added to this project's scope and funding (SHOPP) which includes new concrete pavement between 5<sup>th</sup> Street and Lugonia Avenue.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

**Lead Agency:** SBCTA

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

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

| Schedule Summary   |                        |
|--|------------------------|
| Milestone  | Actual<br>[ 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                           | [Oct 2019]             |
| Complete for Beneficial Use                              | [Nov 2022]             |
| End of Project   | [Nov 2027]             |

| Budgetary Estimate At Completion (\$ 000's) |           |
|---|-----------|
| Cost Item                                   | Amount    |
| Study Report                                | Caltrans  |
| Project Report                              | \$3,093   |
| Final Design                                | \$12,811  |
| ROW   | \$5,308   |
| Construction                                | \$167,375 |
| Total                                       | \$188,587 |

| Funding Estimate At Completion (\$ 000's) |           |
|---|-----------|
| Funding Source                            | Amount    |
| State SHOPP                               | \$42,121  |
| State STIP/RIP                            | \$25,000  |
| Measure I                                 | \$108,974 |
| TBD                                       | \$12,492  |
| Total                                     | \$188,587 |

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

Board Approved Funding: \$176,095,000

## I-15 CORRIDOR – Contract 1

### Map of Project:



### Schedule Summary

| Milestone                                  | Actual<br>[ Forecast ] |
|--|------------------------|
| Start of Project                           | Oct 2012               |
| Project Initiation Document (PID) Approved | Sept 2014              |
| Environmental Clearance (PA/ED)            | Dec 2018               |
| Construction NTP                           | [Feb 2023]             |
| Complete for Beneficial Use                | [Jun 2025]             |
| End of Project                             | [Apr 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                    | \$219,899 |
| Total                           | \$251,439 |

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

| Funding Source | Amount      |
|----------------|-------------|
| Toll Revenue   | \$260,434   |
| Measure I      | \$110,335   |
| TBD            | \$(119,330) |
| Total          | \$251,439   |

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

### Project Scope Summary:

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

### 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.
- Traffic and revenue consultants are developing scenarios for SBCTA Board of Directors consideration and direction.
- 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.
- A cooperative agreement for future phases to reflect the higher budgetary estimate at completion is anticipated later this year.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

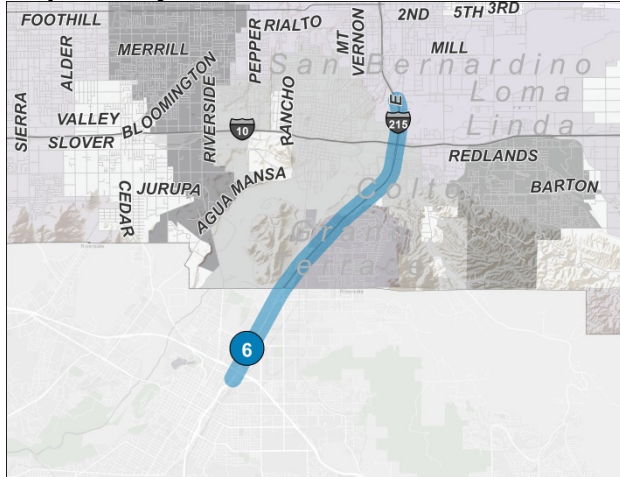
**Lead Agency:** SBCTA

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

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

## I-215 BI-COUNTY LANDSCAPING

### Map of Project:



### Schedule Summary

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

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

| Cost Item                       | Amount   |
|---------------------------------|----------|
| Project Report and Env Document | \$664    |
| Final Design                    | \$828    |
| Construction                    | \$9,463  |
| Total                           | \$10,955 |

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

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

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

### Project Scope Summary:

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

### Project Status and Continuing Activities:

- 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 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  
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**Public/Media Contact:** Tim Watkins (909) 884-8276  
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## 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 slightly below 2017 10-Year Delivery Plan due to lower bid results.

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

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

| Milestone                       | Actual<br>[ 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                  | [Dec 2023]             |

### 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 | \$4,189 | \$3,545 | \$7,734 |
| Total        |         |         | \$9,389 |

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

| Funding Source | Seg 1   | Seg 3   | Total   |
|----------------|---------|---------|---------|
| Federal - PNRs | \$3,677 | \$3,249 | \$6,926 |
| Measure I      | \$1,371 | \$1,427 | \$2,798 |
| TBD            |         |         | \$(335) |
| Total          |         |         | \$9,389 |

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

Board Approved Funding: 10,166,000



## I-215 WIDENING – SEGMENT 2 LANDSCAPE

### Map of Project:



### Project Scope Summary:

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

### Project Status and Continuing Activities:

- A Construction Cooperative Agreement with Caltrans was approved by the SBCTA Board of Directors on February 22, 2017.
- Project was advertised for 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 slightly below 2017 10-year delivery plan based on awarded contracts.

| Schedule Summary                |                        |
|---------------------------------|------------------------|
| Milestone                       | Actual<br>[ 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     | [Nov 2019]             |
| End of Project                  | [Nov 2024]             |

| Budgetary Estimate At Completion (\$ 000's) |         |
|---|---------|
| Cost Item                                   | Amount  |
| PA/ED                                       | \$35    |
| Final Design                                | \$660   |
| Construction                                | \$4,931 |
| Total                                       | \$5,626 |

| Funding Estimate At Completion (\$ 000's) |         |
|---|---------|
| Funding Source                            | Amount  |
| Federal - PNRS                            | \$4,554 |
| Measure I                                 | \$1,431 |
| TBD                                       | \$(359) |
| Total                                     | \$5,626 |

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

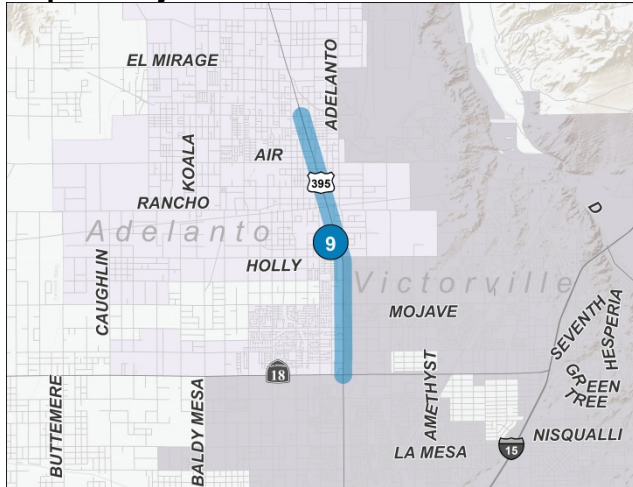
**Lead Agency:** Caltrans – Landscape Design  
SBCTA – Landscape Construction

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

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

## US-395 WIDENING PROJECT – PHASE I

### Map of Project:



### Project Scope Summary:

Widen US-395 between SR-18 (Palmdale Road) and Chamberlaine Way from two lanes to four lanes. Install turn lanes and signals at various intersections within the project limits.

### Project Benefit:

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

### Project Status and Continuing Activities:

- The Notice to Bidders and Invitation for Bid was released in November with bids received in January.
- 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 is anticipated in April 2019.

### Schedule Summary

| Milestone                         | Actual<br>[ 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       | [Feb 2021]             |
| End of Project                    | [Nov 2021]             |

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

| Cost Item                  | Amount   |
|----------------------------|----------|
| Project Report and Env Doc | \$2,087  |
| Final Design               | \$6,120  |
| ROW                        | \$12,769 |
| Construction               | \$37,028 |
| Total                      | \$58,004 |

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

| Funding Source        | Amount   |
|-----------------------|----------|
| Federal - STP         | \$13,365 |
| Federal - DEMO        | \$361    |
| State - STIP/RIP      | \$14,883 |
| Measure I             | \$555    |
| Local Funds           | \$600    |
| State SHOPP           | \$214    |
| State TCEP            | \$24,292 |
| Federal 2016 Earmarks | \$2,558  |
| TBD                   | \$1,176  |
| Total                 | \$58,004 |

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

### Lead Agency:

SBCTA – Right of Way,  
Construction  
Caltrans – Design

### Project Manager:

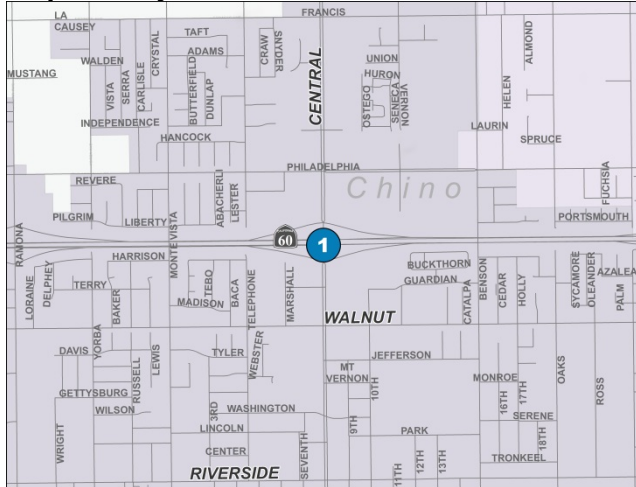
Andrea Nieto (909) 884-8276  
anieto@gosbcta.com

### 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.
- Draft 95% plans and specifications are under review.
- A contract for a Construction Management firm was awarded by the SBCTA Board of Directors in April 2018.
- An amendment to the Cooperative Agreement with the City of Chino was executed in February 2019 to address current estimated costs for the construction phase.

### Project Notes of Interest:

- Replacement landscaping will be required on the interchange ramp gore areas.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

**Lead Agency:** SBCTA

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

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

| Schedule Summary                           |                        |
|--|------------------------|
| Milestone                                  | Actual<br>[ Forecast ] |
| Start of Project                           | June 2014              |
| Project Initiation Document (PID) Approved | Aug 2016               |
| Environmental Clearance (PA/ED)            | Jan 2018               |
| Final Design Approved (RTL)                | [Jul 2019]             |
| Construction Notice to Proceed             | [Feb 2020]             |
| Complete for Beneficial Use                | [May 2021]             |
| End of Project                             | [May 2026]             |

| Budgetary Estimate At Completion (\$ 000's) |          |
|---|----------|
| Cost Item                                   | Amount   |
| Project Report and Env Document             | \$1,302  |
| Final Design                                | \$1,550  |
| ROW/Utilities Capital                       | \$771    |
| Construction                                | \$28,142 |
| Total                                       | \$31,765 |

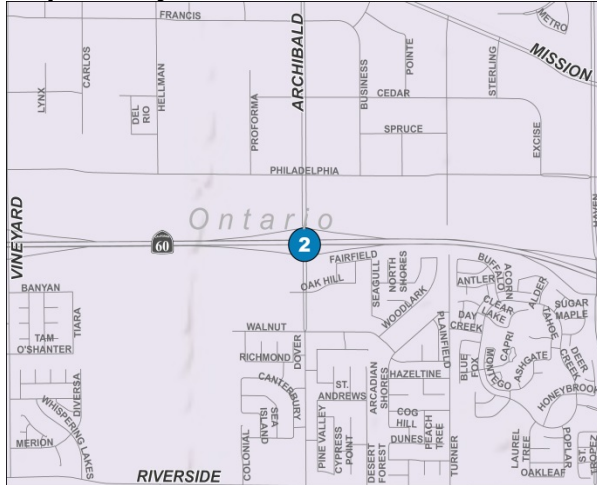
| Funding Estimate At Completion (\$ 000's) |          |
|---|----------|
| Funding Source                            | Amount   |
| Measure I                                 | \$12,895 |
| City of Chino DIF                         | \$18,870 |
| Total                                     | \$31,765 |

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

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:

- Funding agreement was amended to include TCIF funds and increase project cost estimate.
- 100% Plans, Special Provisions, and Estimate were submitted to SBCTA, Caltrans, and the City of Ontario in February 2019.
- A contract for Construction management services was awarded by the SBCTA board in February 2019.

### Project Notes of Interest:

- 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<br>[ Forecast ] |
|--|------------------------|
| Start of Project                           | May 2014               |
| Project Initiation Document (PID) Approved | Aug 2016               |
| Environmental Clearance (PA/ED)            | Mar 2018               |
| Final Design Approved (RTL)                | [Jul 2019]             |
| Construction Notice to Proceed             | [Jan 2020]             |
| Complete for Beneficial Use                | [Apr 2021]             |
| End of Project                             | [Dec 2021]             |

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

| Cost Item                   | Amount   |
|-----------------------------|----------|
| Study Report/Project Report | \$867    |
| Final Design                | \$1,388  |
| ROW/Utilities               | \$1,836  |
| Construction                | \$18,449 |
| Total                       | \$22,540 |

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

| Funding Source  | Amount   |
|-----------------|----------|
| Measure I       | \$5,642  |
| City of Ontario | \$15,588 |
| State - TCIF    | \$1,310  |
| Total           | \$22,540 |

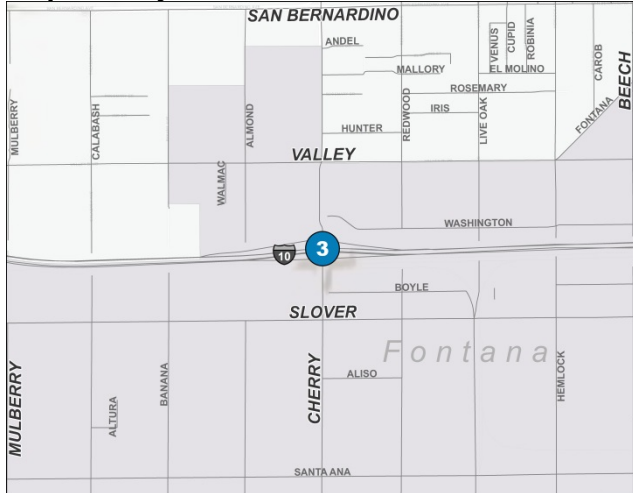
2017 10-Year Delivery Plan: \$12,745,000

Board Approved Funding: \$22,540,000



## 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<br>[ 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

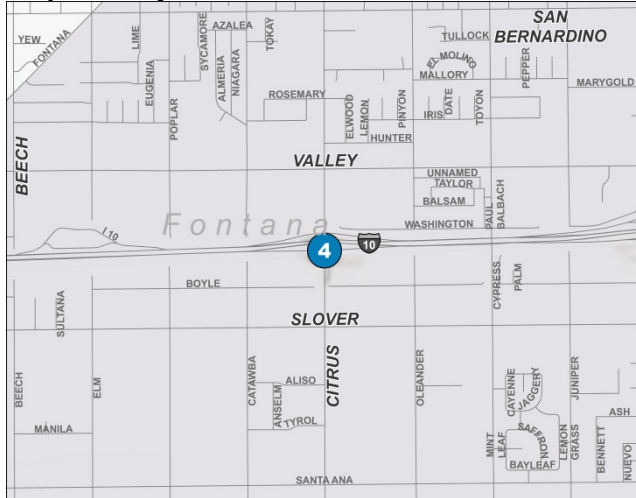
**Lead Agency:** SBCTA

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

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

## I-10 / CITRUS AVENUE

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

This project reduced traffic congestion and improved safety.

### Project Status and Continuing Activities:

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

### Schedule Summary

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

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

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

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

| 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 |

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

### Lead Agency:

SBCTA

### Project Manager:

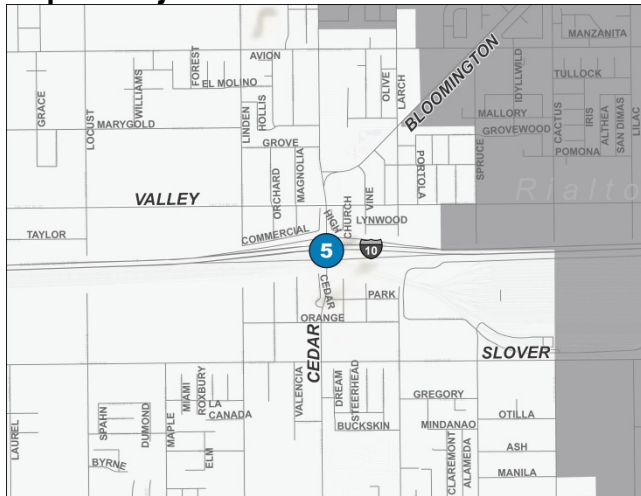
Tim Kirkley (909) 884-8276  
tkirkley@gosbcta.com

### Public/Media Contact:

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

## I-10 / 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 has initiated the preliminary geometric plans and structure designs.
- Project Development Team (PDT) and stakeholder meetings are ongoing.
- The County of San Bernardino ROW team is performing an initial review of the preliminary ROW requirements 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.

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

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

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

### Schedule Summary

| Milestone   | Actual<br>[ Forecast ] |
|---|------------------------|
| Start of Project  | 2001                   |
| Project Initiation Document (PID)<br>Approved (by others) | Nov 2001               |
| Environmental Clearance (PA/ED)                           | July 2013              |
| Final Design Approved (RTL)                               | [Jun 2021]             |
| Construction Notice to Proceed                            | [Jan 2022]             |
| Complete for Beneficial Use                               | [Apr 2024]             |
| End of Project  | [Mar 2029]             |

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

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

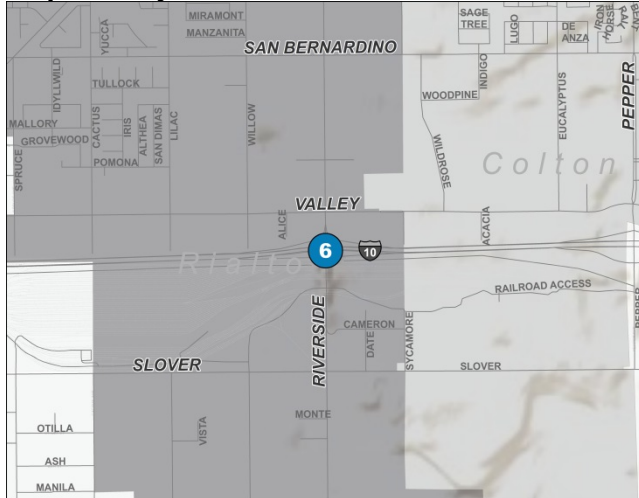
### Funding Estimate At Completion (\$ 000's)

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

2017 10-Year Delivery Plan: \$71,947,000  
Board Approved Funding: \$111,350,000

## I-10 / RIVERSIDE AVENUE

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

This project improved traffic flow and safety.

### Project Status and Continuing Activities:

- The project completed a four-year plant establishment period in December 2018.
- 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<br>[ Forecast ] |
|--|------------------------|
| Start of Project                           | 1995                   |
| Project Initiation Document (PID) Approved | Mar 1997               |
| Environmental Clearance (PA/ED)            | May 1999<br>Feb 2008   |
| Final Design Approved (RTL)                | Jun 2009               |
| Construction Notice to Proceed             | Sept 2009              |
| Complete for Beneficial Use                | Nov 2011               |
| End of Project                             | [July 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:

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

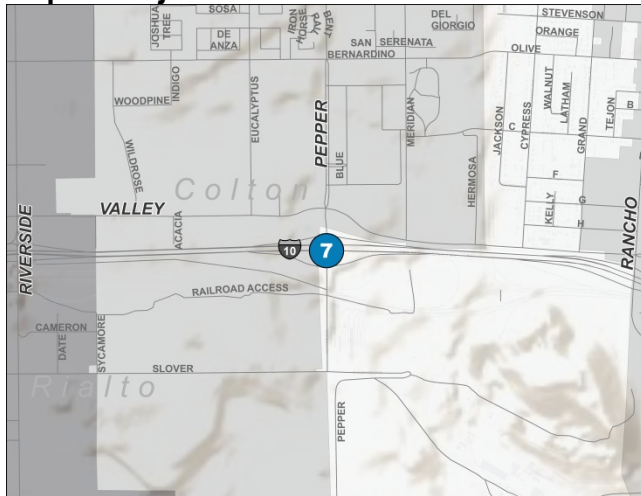
### Public/Media Contact:

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:

- 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 29<sup>th</sup> Annual California Transportation Foundation Awards Program.

### Schedule Summary

| Milestone                                  | Actual<br>[ 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                             | [Sept 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 |

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

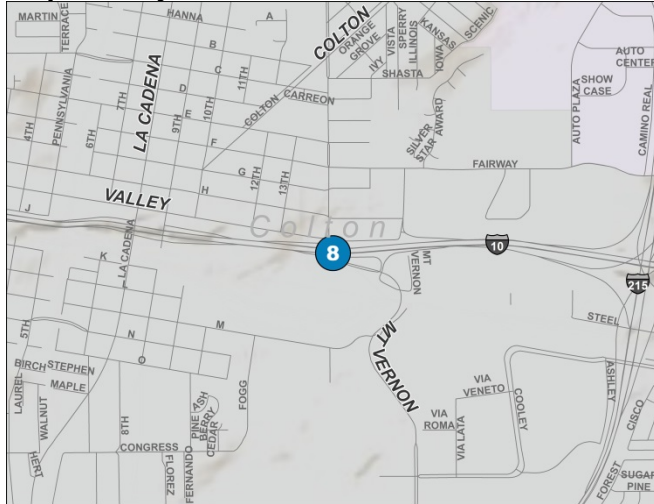
**Lead Agency:** SBCTA

**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 was completed in December 2018.
  - PDT meetings for the PA/ED phase began in January 2019.
- ### 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<br>[ 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 |

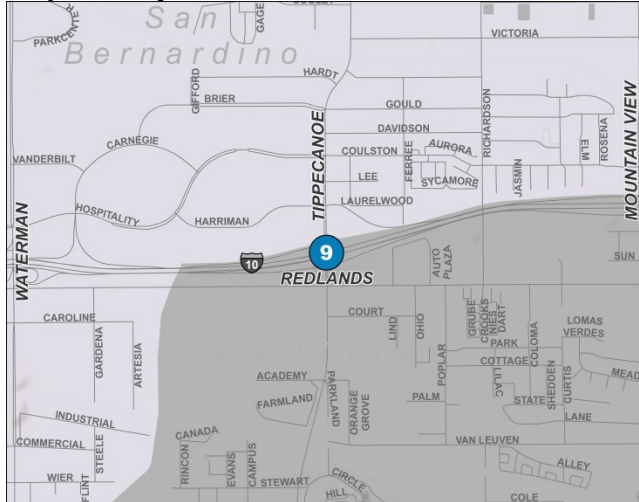
| Funding Estimate At Completion (\$ 000's) |          |
|---|----------|
| Funding Source                            | Amount   |
| Measure I                                 | \$41,451 |
| City of Colton DIF                        | \$2,228  |
| TBD                                       | \$11,252 |
| Total                                     | \$54,931 |

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

Board Approved Funding: \$43,679,000

## I-10 / TIPPECANOE AVENUE – PHASE I

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

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

### Project Status and Continuing Activities:

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

### Project Notes of Interest:

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

### Schedule Summary

| Milestone                                     | Actual<br>[ Forecast ] |
|---|------------------------|
| Start of Project                              | May 1997               |
| Project Initiation Document (PID)<br>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)

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

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

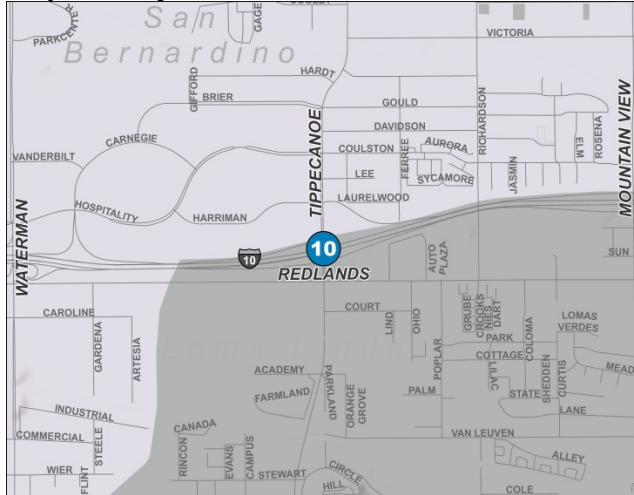
**Lead Agency:** SBCTA

**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:

### Project Notes of Interest:

- Phase I Plant Maintenance will be completed and taken over by Caltrans in April 2019.
- Phase II plant maintenance will be completed in August 2021.

### Schedule Summary

| Milestone                                  | Actual<br>[ 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 |

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

### Lead Agency:

SBCTA

### Project Manager:

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

### Public/Media Contact:

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



## I-10 / ALABAMA STREET

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

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

### Project Status and Continuing Activities:

- Project Initiation Document (PID) phase was completed in December 2017.
- Environmental clearance was approved in February 2019 and the project report is expected to be completed April 2019.

### 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<br>[ Forecast ] |
| Start of Project                           | Feb 2017               |
| Project Initiation Document (PID) Approved | Dec 2017               |
| Environmental Clearance (PA/ED)            | [Apr 2019]             |
| Final Design Approved (RTL)                | [Oct 2020]             |
| Construction Notice to Proceed             | [Mar 2021]             |
| Complete for Beneficial Use                | [Dec 2021]             |
| End of Project                             | [Dec 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                                 | \$4,895  |
| City of Redlands DIF                      | \$6,087  |
| TBD                                       | \$4,705  |
| Total                                     | \$15,687 |

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 Summer 2019.

**Project Notes of Interest:**

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

**Lead Agency:** SBCTA

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<br>[ Forecast ] |
| Start of Project                              | Dec 2014               |
| Project Initiation Document (PID)<br>Approved | N/A                    |
| Environmental Clearance (PA/ED)               | Feb 2017               |
| Final Design Approved (RTL)                   | [Jun 2019 ]            |
| Construction Notice to Proceed                | [Dec 2019]             |
| Complete for Beneficial Use                   | [Oct 2020 ]            |
| End of Project                                | [Sep 2025 ]            |

| Budgetary Estimate At Completion (\$ 000's) |         |
|---|---------|
| Cost Item                                   | Amount  |
| Study Report                                | N/A     |
| PEER/ED                                     | \$435   |
| Final Design                                | \$859   |
| Construction                                | \$4,145 |
| Total                                       | \$5,439 |

| Funding Estimate At Completion (\$ 000's) |         |
|---|---------|
| Funding Source                            | Amount  |
| Measure I                                 | \$4,373 |
| City of Redlands DIF                      | \$1,047 |
| TBD                                       | \$19    |
| Total                                     | \$5,439 |

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

## SR-210 / PEPPER AVENUE

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

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

### Project Status and Continuing Activities:

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

### Project Notes of Interest:

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

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

| Budgetary Estimate At Completion (\$ 000's) |          |
|---|----------|
| Cost Item                                   | Amount   |
| Study Report                                | N/A      |
| Project Report                              | \$1,731  |
| Final Design                                | \$1,625  |
| ROW   | \$1,196  |
| Construction                                | \$18,811 |
| Total                                       | \$23,363 |

| Funding Estimate At Completion (\$ 000's) |           |
|---|-----------|
| Funding Source                            | Amount    |
| Federal - STP                             | \$15,213  |
| Measure I 1990-2010                       | \$9,063   |
| WVWD                                      | \$320     |
| TBD                                       | \$(1,233) |
| Total                                     | \$23,363  |

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

## Map of Project:



## Project Scope Summary:

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

## Project Benefit:

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

## Project Status and Continuing Activities:

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

## Project Notes of Interest:

- As the SR-210 Base Line Interchange and SR-210 Lane Addition projects align geographically and share similar delivery schedules, they will be combined for the design, right-of-way, and construction phases to save cost and schedule.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

**Lead Agency:** SBCTA

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

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

## Schedule Summary

| Milestone                                  | Actual<br>[ 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             | [Oct 2019]             |
| Complete for Beneficial Use                | [Nov 2022]             |
| End of Project                             | [Nov 2027]             |

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

| Cost Item      | Amount   |
|----------------|----------|
| Study Report   | \$214    |
| Project Report | \$1,041  |
| Final Design   | \$1,699  |
| ROW            | \$1,038  |
| Construction   | \$28,626 |
| Total          | \$32,618 |

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

| Funding Source       | Amount   |
|----------------------|----------|
| Measure I            | \$18,389 |
| City of Highland DIF | \$13,262 |
| TBD                  | \$967    |
| Total                | \$32,618 |

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

Board Approved Funding: \$31,651,000



## 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<br>[ 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                             | [July 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 |

2017 10-Year Delivery Plan: \$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<br>[ 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 |

2017 10-Year Delivery Plan: \$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.

### 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<br>[ 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            | \$40,985        |
| Construction   | \$60,111        |
| Totals         | \$110,573       |

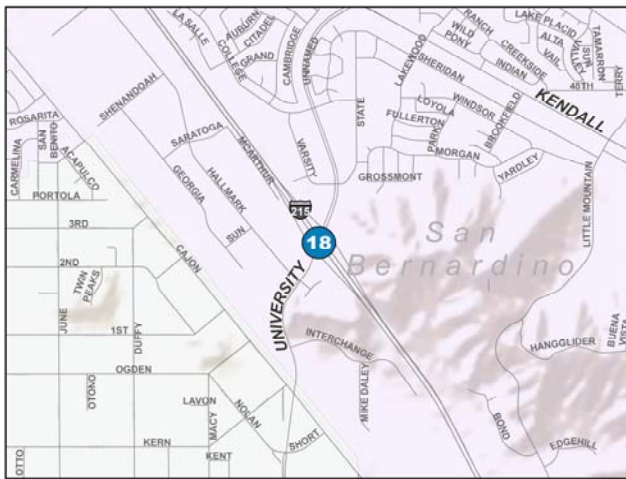
### Funding Estimate At Completion (\$ 000's)

| 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) | \$57,634  |
| RCTC                  | \$156     |
| Measure I (1990-2010) | \$2,133   |
| TBD                   | \$6,470   |
| Total                 | \$110,573 |

Board Approved Funding: \$104,103,000

## I-215 / UNIVERSITY PARKWAY

### Map of Project:



### Project Scope Summary:

This project will reconfigure the existing interchange at I-215 and University Parkway to address present congestion and heavy traffic movement to and from the California State University at San Bernardino campus.

### Project Benefit:

The project will reduce delays and improve freeway access.

### Project Status and Continuing Activities:

- Geometric Approval Drawings (GADs) have been approved.
- Environmental technical studies have been completed.
- Budgetary estimate at completion includes scope changes and escalation to both construction and ROW. An amendment to the Cooperative Agreement with the City of San Bernardino is anticipated in the Spring of 2019 to address estimated cost increases in the ROW and Construction phases.

### Project Notes of Interest:

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

**Lead Agency:** SBCTA

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

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

### Schedule Summary

| Milestone                                  | Actual<br>[ Forecast ] |
|--|------------------------|
| Start of Project                           | Nov 2015               |
| Project Initiation Document (PID) Approved | Oct 2016               |
| Environmental Clearance (PA/ED)            | [Aug 2019]             |
| Final Design Approved (RTL)                | [Oct 2020]             |
| Construction Notice to Proceed             | [Jun 2021]             |
| Complete for Beneficial Use                | [Mar 2022]             |
| End of Project                             | [Jan 2023]             |

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

| Cost Item      | Amount   |
|----------------|----------|
| Study Report   |          |
| Project Report | \$1,372  |
| Final Design   | \$784    |
| ROW            | \$792    |
| Construction   | \$12,330 |
| Totals         | \$15,278 |

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

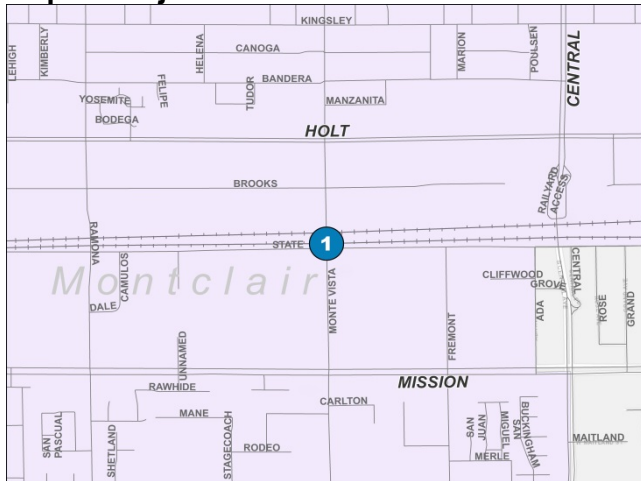
| Funding Source             | Amount   |
|----------------------------|----------|
| Federal - STP              | \$4,223  |
| Federal - DEMO             | \$735    |
| Measure I                  | \$1,023  |
| City of San Bernardino DIF | \$192    |
| TBD                        | \$9,105  |
| Total                      | \$15,278 |

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



## MONTE VISTA AVENUE AND UNION PACIFIC RAILROAD

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

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

### Project Status and Continuing Activities:

- Final design and right-of-way phase activities are complete and were led by the City of Montclair.
- A contract for construction services was approved by the SBCTA Board of Directors in July 2017.
- Project is approximately 70 percent complete.

### Project Notes of Interest:

- A ground breaking ceremony was held in October 2017.
- Estimate at completion lower than funding due to construction bid amount coming in under engineer's estimate

### Schedule Summary

| Milestone   | Actual<br>[ Forecast ] |
|---|------------------------|
| Start of Project  | Apr 2001               |
| Project Initiation Document (PID)<br>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                               | [Jul 2019]             |
| End of Project  | [Aug 2020]             |

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

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

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

| 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                   | \$(2,146) |
| Total                 | \$24,814  |

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

Board Approved Funding: \$26,960,000

### Lead Agency:

City of Montclair – Design/ROW  
SBCTA – Construction

### Project Manager:

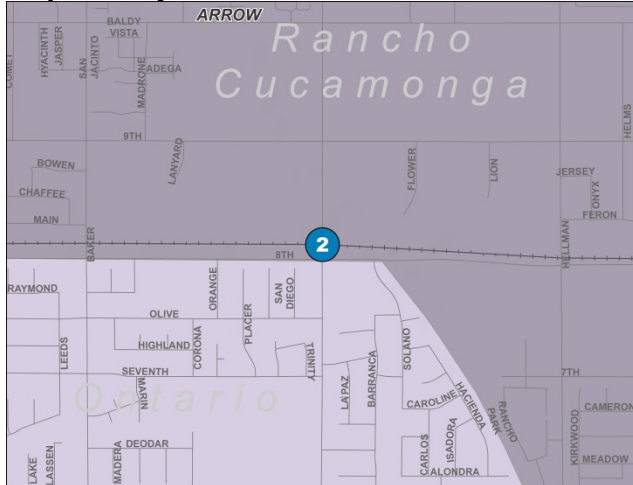
Henry Stultz (909) 884-8276  
hstultz@gosbcta.com

### 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.

### Schedule Summary

| Milestone                                  | Actual<br>[ 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                             | [Aug 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 |

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

Board Approved Funding: \$47,353,000

### Lead Agency:

City of Ontario

### Project Manager:

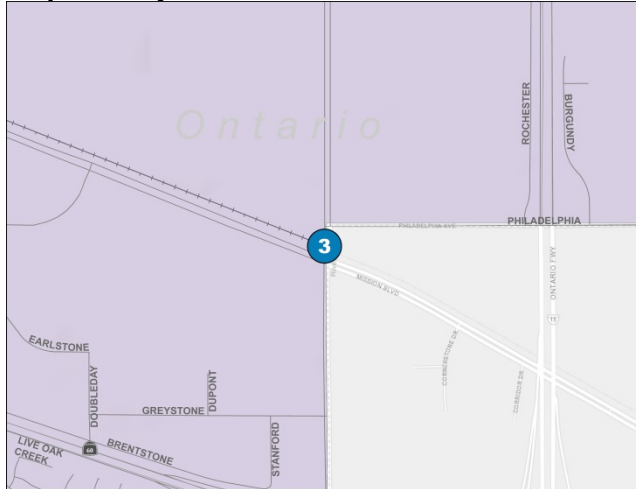
Andrea Nieto (909) 884-8276  
anieto@gosbcta.com

### 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.

### Schedule Summary

| Milestone                         | Actual<br>[ 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                    | [Sept 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 |

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

Board Approved Funding: \$72,963,000

### Lead Agency:

City of Ontario

### Project Manager:

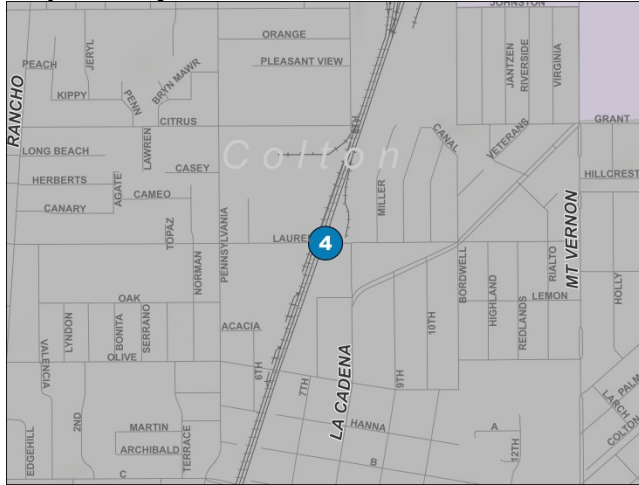
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### Public/Media Contact:

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## LAUREL STREET AND BNSF RAILROAD

### Map of Project:



### Project Scope Summary:

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

### Project Benefit:

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

### Project Status and Continuing Activities:

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

**Project Notes of Interest:**

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

| Schedule Summary                  |                        |
|-----------------------------------|------------------------|
| Milestone                         | Actual<br>[ 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                    | [Aug 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  |
| TBD                                       | \$(31)   |
| Total                                     | \$59,854 |

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

**Lead Agency:** SBCTA

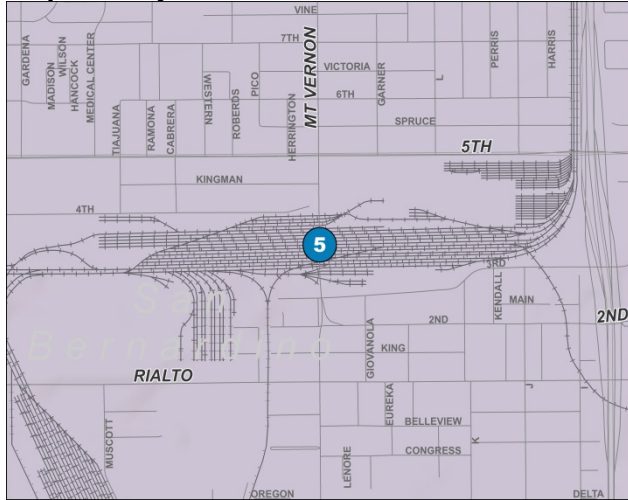
**Project Manager:** Paul Melocoton (909) 884-8276  
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**Public/Media Contact:** Tim Watkins (909) 884-8276  
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## MOUNT VERNON AVENUE VIADUCT

### 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.
- An RFQ for a design-build contract was issued in September 2018. Four teams have been shortlisted for the RFP phase.
- Additional funding has been requested through the Highway Bridge Program to cover project financing costs.
- A draft RFP was released in March 2019.

### Project Notes of Interest:

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

**Lead Agency:** SBCTA

**Project Manager:** Dennis Saylor (909) 884-8276  
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**Public/Media** Tim Watkins (909) 884-8276

**Contact:** twatkins@gosbcta.com

| Schedule Summary                           |                        |
|--|------------------------|
| Milestone                                  | Actual<br>[ Forecast ] |
| Start of Project                           | Aug 2009               |
| Project Initiation Document (PID) Approved | N/A                    |
| Environmental Clearance (PA/ED)            | Jun 2011               |
| Design NTP                                 | [Oct 2019]             |
| Construction Notice to Proceed             | [Jan 2020]             |
| Complete for Beneficial Use                | [Dec 2022]             |
| End of Project                             | [Jul 2024]             |

| Budgetary Estimate At Completion (\$ 000's) |           |
|---|-----------|
| Cost Item                                   | Amount    |
| Project Report                              | \$5,788   |
| ROW   | \$88,129  |
| Construction                                | \$115,415 |
| Total                                       | \$209,332 |

| Funding Estimate At Completion (\$ 000's) |           |
|---|-----------|
| Funding Source                            | Amount    |
| Federal - HBP                             | \$133,562 |
| Measure I                                 | \$1,568   |
| City of San Bernardino DIF                | \$2,023   |
| BNSF                                      | \$29,500  |
| TBD                                       | \$42,679  |
| Total                                     | \$209,332 |

Board approved funding: \$166,653,000

## 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<br>[ 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                    | [July 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  |
| TBD                      | \$(484)  |
| Total                    | \$28,386 |

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

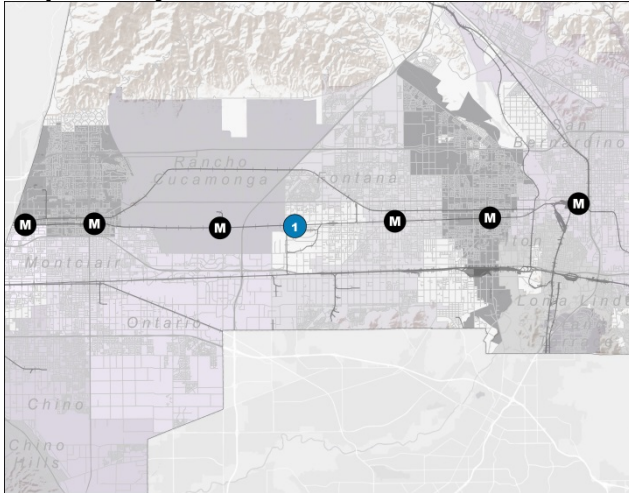
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## METROLINK ATP

### 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<br>[ 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                             | [Oct 2019]             |

| Budgetary Estimate At Completion (\$ 000's) |         |
|---|---------|
| Cost Item                                   | Amount  |
| Project Report                              | \$83    |
| Final Design                                | \$862   |
| ROW   | \$38    |
| Construction                                | \$3,866 |
| Total                                       | \$4,849 |

| Funding Estimate At Completion (\$ 000's) |         |
|---|---------|
| Funding Source                            | Amount  |
| Federal ATP                               | \$4,679 |
| TDA Article 3                             | \$250   |
| Measure I                                 | \$360   |
| TBD                                       | \$(440) |
| Total                                     | \$4,849 |

Board approved funding: \$5,289,000

### Lead Agency

SBCTA

### Project Manager

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