

San Bernardino County Transportation Authority
MAJOR PROJECTS
PROJECT STATUS REPORT
January – March 2021



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

ORDER OF PROJECT DELIVERY

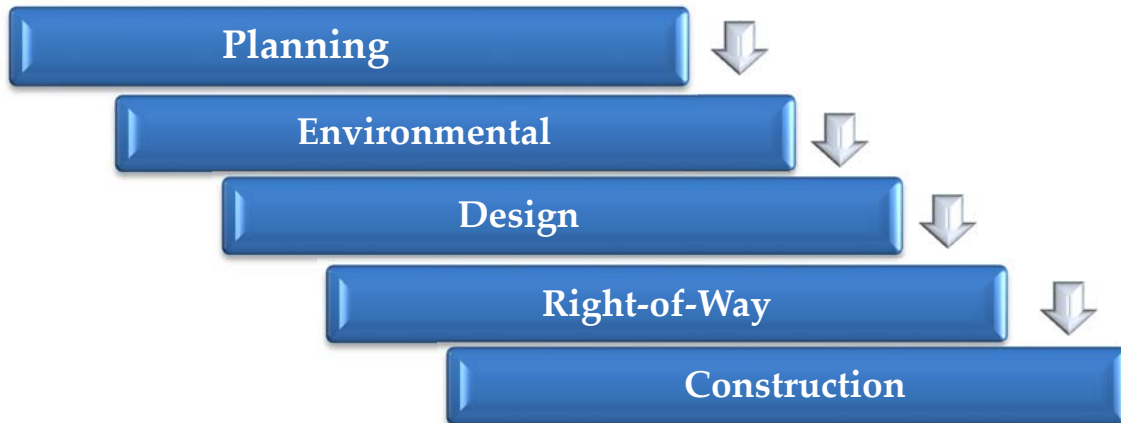


TABLE OF CONTENTS

Page No.

Project Location Maps

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

Project Name

Phase

Corridor

Mainline Projects

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

Interchange Projects

- | | | | |
|----|-----------------------------------|---------------|-------|
| 13 | SR-60 / Central Avenue | Construction | SR-60 |
| 14 | SR-60 / Archibald Avenue | Construction | SR-60 |
| 15 | I-10 / Cedar Avenue | Design/ROW | I-10 |
| 16 | I-10 / Mount Vernon Avenue | Environmental | I-10 |
| 17 | I-10 / Tippecanoe Avenue Phase II | Landscape | I-10 |

(Continued)

Page No.

| | <u>Project Name</u> | <u>Phase</u> | <u>Corridor</u> |
|----|-----------------------------------|------------------------|------------------------|
| 18 | I-10 / Alabama Street | Design | I-10 |
| 19 | I-10 / University Street | Construction | I-10 |
| 20 | SR-210 / Pepper Avenue | Close Out/Landscape | SR-210 |
| 21 | SR-210 / Base Line | Construction | SR-210 |
| 22 | I-15 / I-215 Improvement (Devore) | Close Out | I-15 & I-215 |
| 23 | I-215 / Barton Road | Construction/Close Out | I-215 |
| 24 | I-215 / University Parkway | Design/ROW | I-215 |

Grade Separation Projects

| | | | |
|----|-------------------------------------|------------------|---------------|
| 25 | Monte Vista and UPRR | Close Out | Local Streets |
| 26 | Mount Vernon Avenue Viaduct | Design-Build/ROW | Local Streets |
| 27 | North First Avenue Bridge over BNSF | Design/ROW | Local Streets |

Special Projects

| | | | |
|----|--------------------------|--------|---------------|
| 28 | Metrolink ATP (Phase II) | Design | Local Streets |
|----|--------------------------|--------|---------------|

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

PROJECT STATUS -DEFINITIONS-

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

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

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

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

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

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

EEP: Establish Existing Planting

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

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

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

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

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

Interchange: Connectors between Interstates and/or major roads.

Interstate Highway: Federally monitored high speed roads.

Local Streets: State/City owned and maintained streets.

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

NTP: Notice to Proceed.

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

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

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

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

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

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

RTL: Ready to List.

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

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

Start of Project: Board action to begin project.

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

PROJECT STATUS

-FUNDING PROGRAM DESCRIPTIONS-

FEDERAL

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

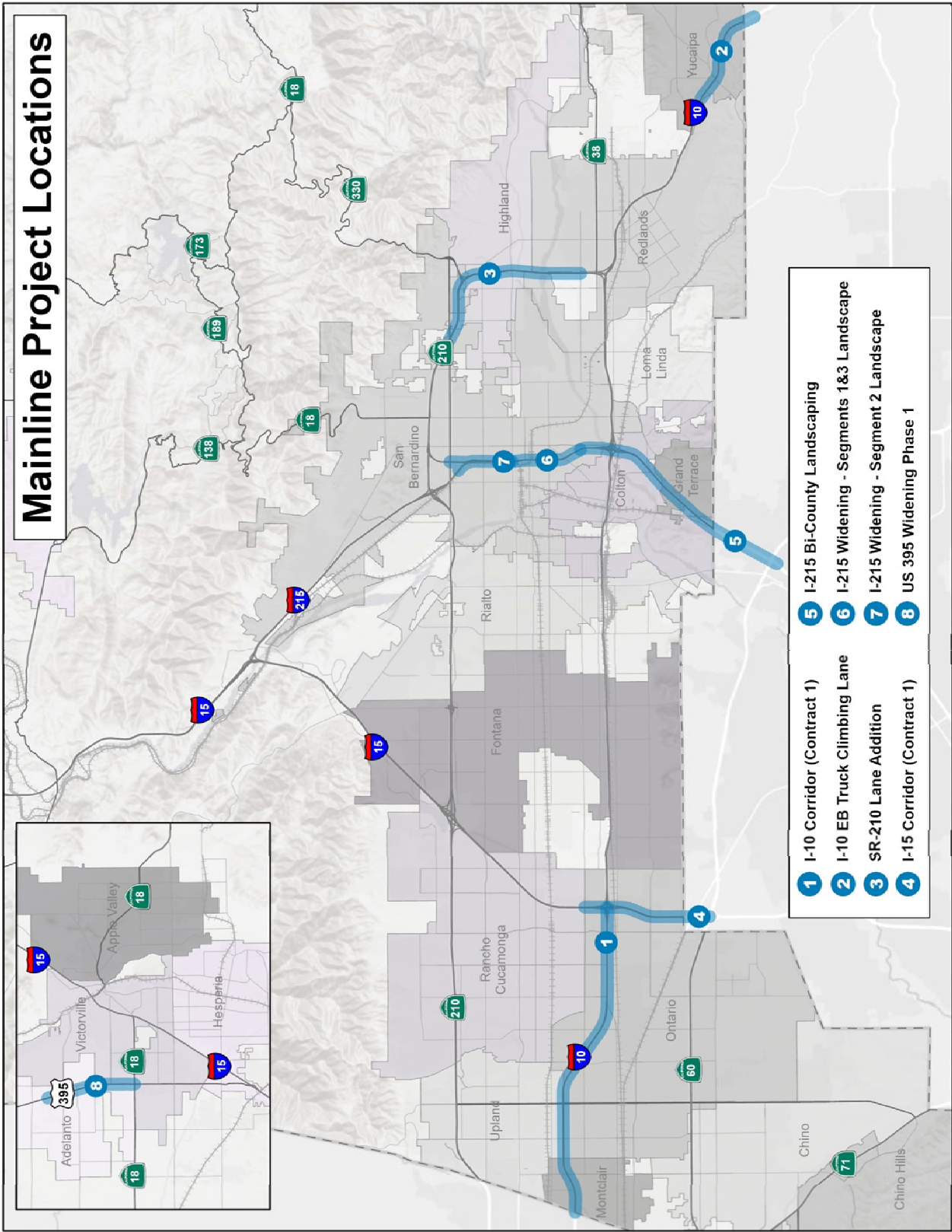
STATE

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

LOCAL

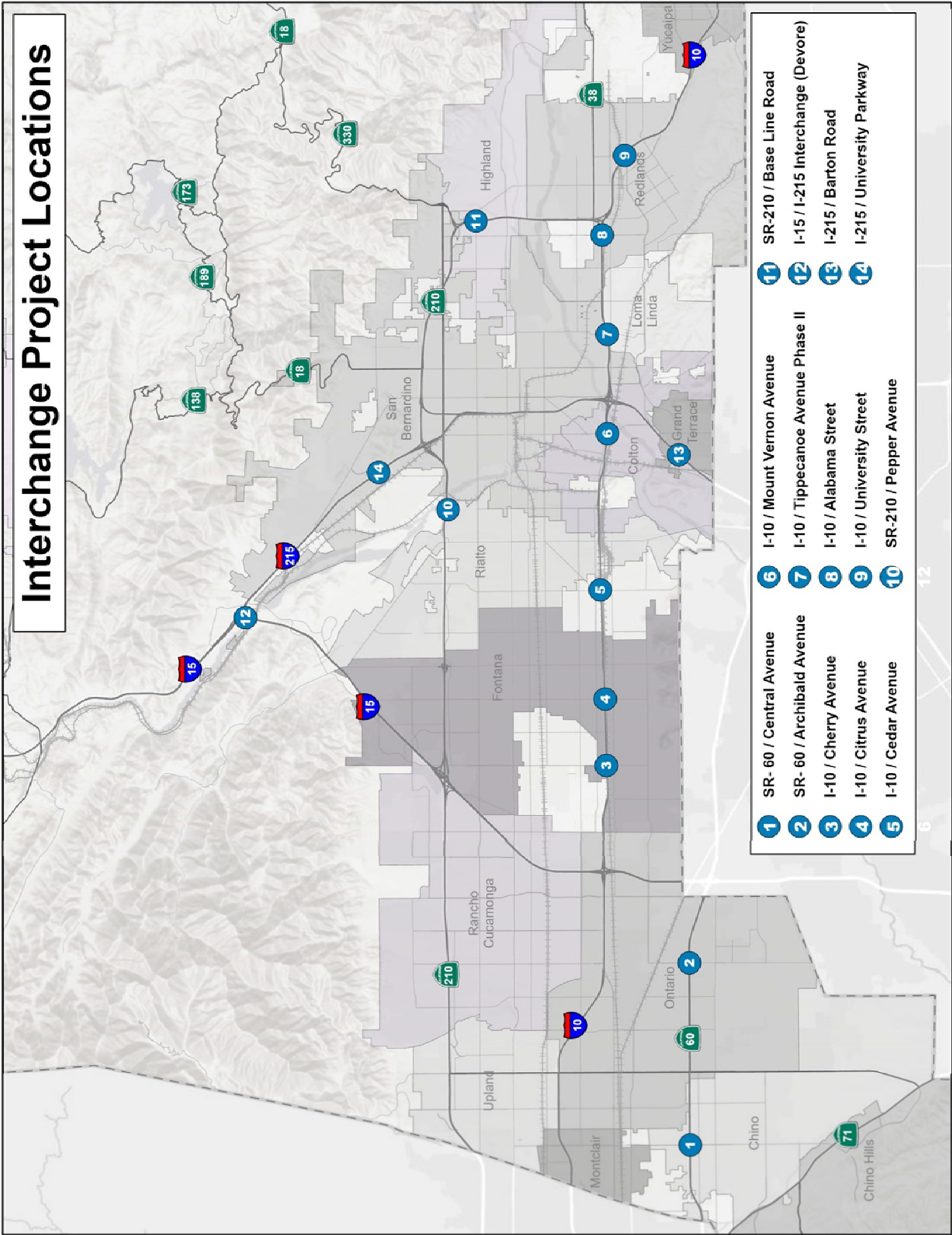
- DIF – Developer Impact Fees
- IVDA – Inland Valley Development Agency
- TDA – Transportation Development Act
- WVWD – West Valley Water District

PROJECT LOCATION MAP
MAINLINE PROJECTS

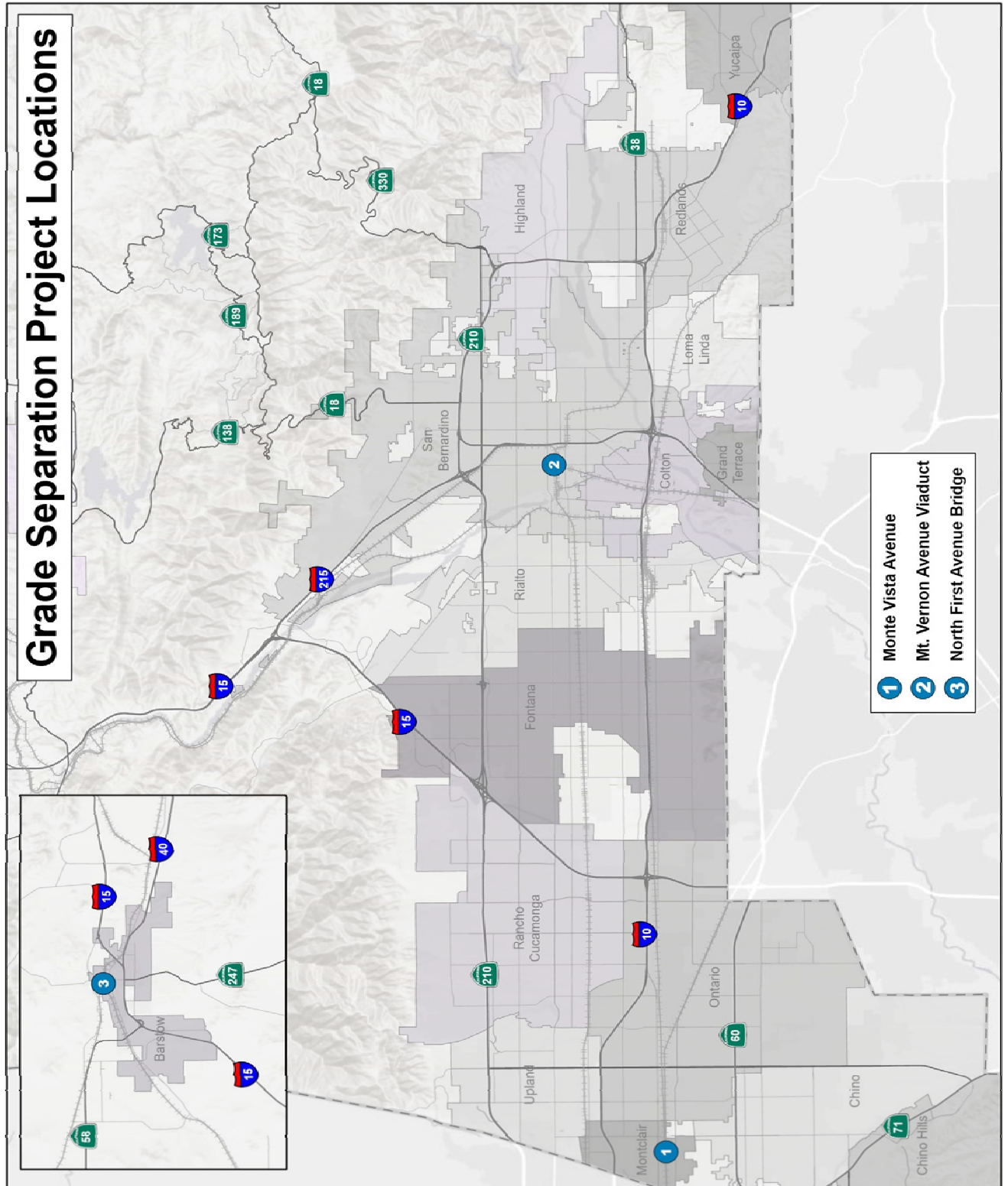


SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR
PROJECT STATUS – MARCH 2021

PROJECT LOCATION MAP INTERCHANGE PROJECTS

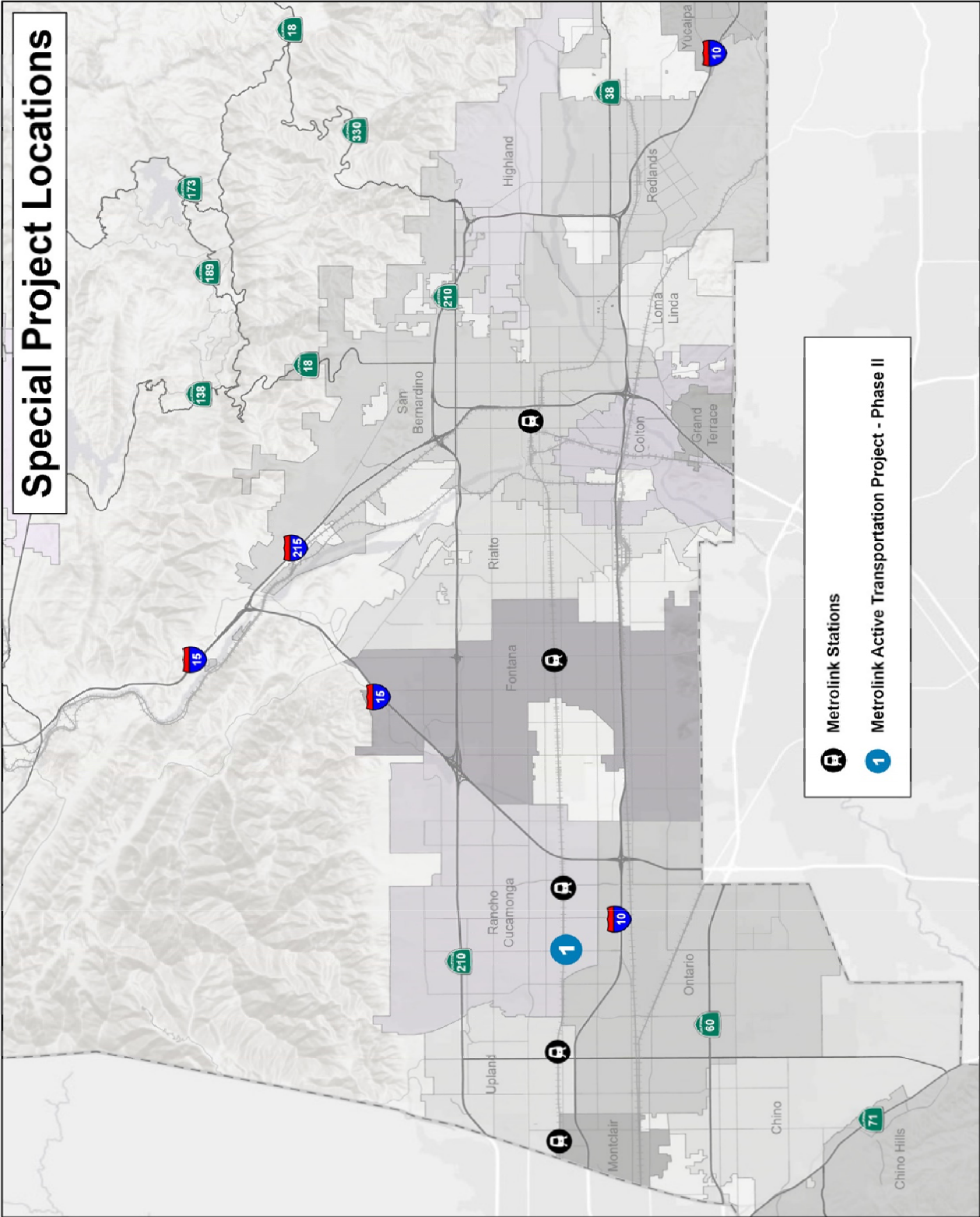


PROJECT LOCATION MAP GRADE SEPARATION PROJECTS



SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY
PROJECT DELIVERY – PAULA BEAUCHAMP, DIRECTOR
PROJECT STATUS – MARCH 2021

PROJECT LOCATION MAP
SPECIAL PROJECTS



I-10 CORRIDOR (Contract 1)

Map of Project:



Schedule Summary

| Milestone | Actual [Forecast] |
|---|------------------------|
| Start of Project | Jul 2007 |
| Project Initiation Document (PID) Approved (by others) | Jun 2005 |
| Environmental Clearance (PA/ED) | Jul 2017 |
| Construction NTP 1 Design Build | Sep 2018 |
| Construction NTP 2 | Mar 2019 |
| Complete for Beneficial Use | [Jul 2023] |
| End of Project | [Jul 2026] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|--------------------|------------|
| Study Report | -Caltrans- |
| Project Report EIR | \$8,815 |
| Final Design | \$44,246 |
| ROW | \$47,810 |
| Construction | \$828,104 |
| Total | \$928,975 |

Funding Estimate At Completion (\$ 000's)

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

Board Approved Funding: \$928,975,000

Project Scope Summary:

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

Project Status and Continuing Activities:

- Design Builder NTP 2 work, including final design, field utilities and geotechnical investigations are nearly complete.
 - Toll System Provider NTP 2 work began in February 2019 on the design development of the I-10 express lane toll system.
 - ROW discussions and the possession of all required properties to facilitate construction are acquired in Montclair, Upland, and Ontario.
 - Utility relocation work continues near Monte Vista Avenue, Euclid Avenue, 4th Street and various other locations along I-10. Mainline construction work continues with bridge reconstruction at Sultana Avenue, Holt Boulevard, and Euclid Avenue bridges. Upcoming construction will include Monte Vista Avenue and, Vineyard Avenue bridge demolition and reconstruction in the coming months ahead.
- ### Project Notes of Interest:
- Staff continues close coordination with the Cities of Ontario, Montclair and Upland to execute the Freeway Agreements, coordinate project submittal reviews, and develop Maintenance Agreements.
 - Staff is participating in statewide discussions for updating signage standards for express lanes at the State and Federal level.
 - Final project costs approved in June 2018 includes cost of Caltrans SHOPP work and local interchange and arterial improvements.

Lead Agency:

SBCTA

Project Manager:

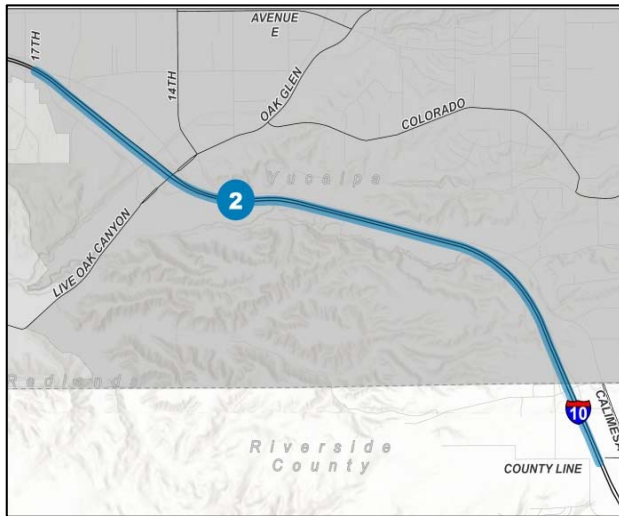
Chad Costello (909) 884-8276
ccostello@gosbcta.com

Public/Media Contact:

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

I-10 EASTBOUND TRUCK CLIMBING LANE

Map of Project:



Schedule Summary

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

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|---------------------------------|-----------------|
| Project Report and Env Document | \$2,464 |
| Final Design | \$2,900 |
| ROW | N/A |
| Construction Capital | \$29,946 |
| Total | \$35,310 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|--------------------------|---------------|
| State-TCEP Delivery Plan | \$24,074 |
| Measure I | \$3,477 |
| State - STIP/RIP | \$2,890 |
| TBD | \$4,869 |
| Total | 35,310 |

Board Approved Funding: \$30,441,000

Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- The final environmental document and final project report were approved in November 2020.
- Procurement for final design services for the Plans, Specifications, and Estimates (PS&E) phase has been completed with award of a final design contract at the March, 2021 Board meeting.

Project Notes of Interest:

- The project will use \$2.9M of STIP/RIP funds for the final design phase. Approximately \$24M of State Transportation Corridor Enhancement Program (TCEP) funds were awarded for the construction phase of the project.
- The project is being coordinated with a State Highway Operations and Protection Program (SHOPP) pavement rehabilitation project currently being implemented which will complete some improvements in the project area. As a result, there has been an estimated project cost savings from the initial concept estimate of \$45 million.
- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.

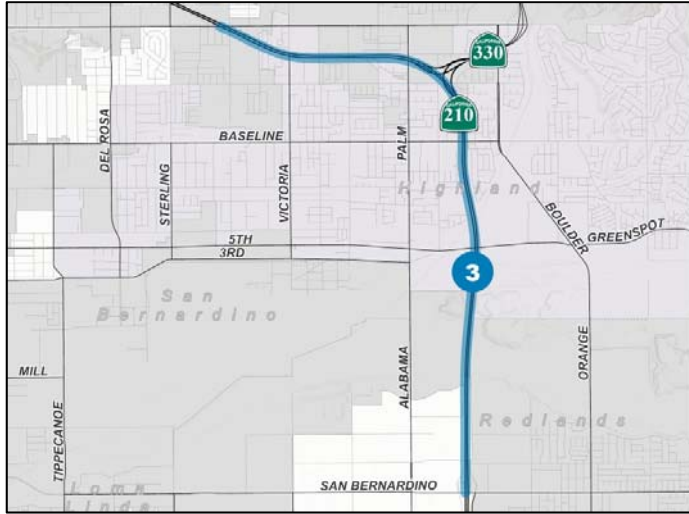
Lead Agency: SBCTA

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

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

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

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- The Construction contract was awarded by the SBCTA Board in November 2019.
- Construction began in February 2020 and is scheduled to be complete in Spring 2023.
- Bridge widening work continues on a number of bridges along the corridor.

Project Notes of Interest:

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

| Schedule Summary | |
|---|------------------------|
| Milestone | Actual [Forecast] |
| Start of Project | 2011 |
| Project Initiation Document (PID) Approved (by Caltrans) | May 2008 |
| Environmental Clearance (PA/ED) | Jan 2017 |
| Final Design Approved (RTL) | Apr 2019 |
| Construction Notice to Proceed | Feb 2020 |
| Complete for Beneficial Use | [May 2023] |
| End of Project | [Nov 2027] |

| Budgetary Estimate At Completion (\$ 000's) | |
|---|-----------|
| Cost Item | Amount |
| Study Report | Caltrans |
| Project Report | \$3,093 |
| Final Design | \$12,662 |
| ROW | \$5,758 |
| Construction | \$120,752 |
| Total | \$142,265 |

| Funding Estimate At Completion (\$ 000's) | |
|---|------------|
| Funding Source | Amount |
| State SHOPP | \$42,121 |
| State STIP/RIP | \$25,000 |
| Measure I | \$120,224 |
| TBD | \$(45,080) |
| Total | \$142,265 |

Board Approved Funding: \$187,345,000

Lead Agency:

SBCTA

Project Manager:

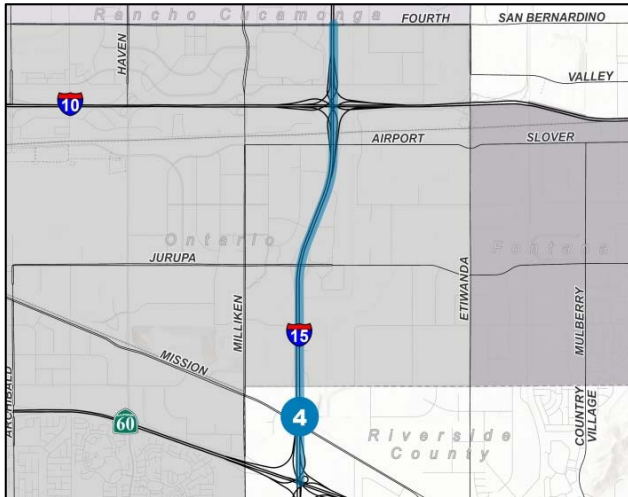
Juan Lizarde (909) 884-8276
jlizarde@gosbcta.com

Public/Media Contact:

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

I-15 CORRIDOR (Contract 1)

Map of Project:



Schedule Summary

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

Budgetary Estimate At Completion (\$000's)

| Cost Item | Amount |
|---------------------------------|-----------|
| Project Report and Env Document | \$12,673 |
| Final Design | \$27,851 |
| ROW | \$3,821 |
| Construction | \$263,201 |
| Total | \$307,547 |

Funding Estimate At Completion (\$000's)

| Funding Source | Amount |
|----------------|-----------|
| Measure I | \$116,456 |
| TCEP | \$118,739 |
| STIP/RIP | \$72,274 |
| TBD | \$78 |
| Total | \$307,547 |

Board Approved Funding: \$307,469,000

Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- The Environmental Document (ED) was approved in December 2018.
- This Contract 1 Project will be the first construction package for the I-15 Express Lanes corridor. The construction packages for portions north of Foothill Boulevard will be developed in the future based on funding considerations.
- Coordination with RCTC and Caltrans is ongoing regarding the interface between the Riverside County portion of work and the San Bernardino County portion and appropriation of costs.

Project Notes of Interest:

- Construction phase estimate escalated at 4% per year to midpoint of construction based on latest escalation analysis.
- Final design contract was awarded at September 2020 Board meeting.
- SBCTA received \$118 million in Transportation Corridor Enhancement Program (TCEP) grant funds in December, 2020.

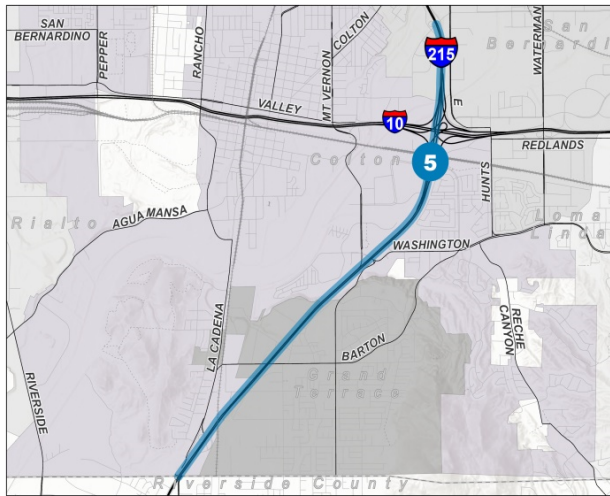
Lead Agency: SBCTA

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

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

I-215 BI-COUNTY LANDSCAPING

Map of Project:



Project Scope Summary:

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

Project Status and Continuing Activities:

- The Environmental Clearance was approved in June 2020.
- The 95% Plans, Specifications and Estimate are in progress.
- Procurement for a construction management consultant team is currently underway.

Project Notes of Interest:

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

Schedule Summary

| Milestone | Actual [Forecast] |
|--|------------------------|
| Start of Project | Aug 2018 |
| Project Initiation Document (PID) Approved | -incl. in PA/ED- |
| Environmental Clearance (PA/ED) | Jun 2020 |
| Final Design Approved (RTL) | [Apr 2022] |
| Construction Notice to Proceed | [Sep 2022] |
| Complete for Beneficial Use | [Nov 2023] |
| End of Project | [May 2029] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|---------------------------------|----------|
| Project Report and Env Document | \$692 |
| Final Design | \$849 |
| ROW | \$31 |
| Construction | \$9,463 |
| Total | \$11,035 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|----------------|----------|
| Measure I | \$11,035 |
| Total | \$11,035 |

Board Approved Funding: \$11,035,000

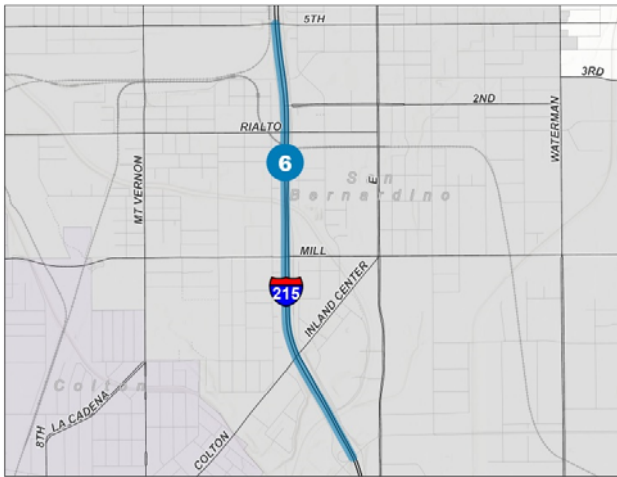
Lead Agency: SBCTA

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

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

I-215 WIDENING – SEGMENTS 1 & 3 LANDSCAPE

Map of Project:



Project Scope Summary:

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

Project Status and Continuing Activities:

- Construction contract was awarded in November 2017 with work starting in February 2018.
- Landscape construction was completed in October 2018, and a one year plant establishment period was completed in October 2019.
- The four year establish existing planting contract was awarded by SBCTA Board in October 2019 for this project which will extend to late 2023.

Project Notes of Interest:

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

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

| Budgetary Estimate At Completion (\$ 000's) | | | |
|---|---------|---------|---------|
| Cost Item | Seg 1 | Seg 3 | Total |
| PA/ED | \$35 | \$35 | \$70 |
| Final Design | \$563 | \$1,023 | \$1,586 |
| Construction | \$4,007 | \$3,568 | \$7,575 |
| Total | | | \$9,231 |

| Funding Estimate At Completion (\$ 000's) | | | |
|---|---------|---------|-----------|
| Funding Source | Seg 1 | Seg 3 | Total |
| Federal - PNRS | \$3,678 | \$3,248 | \$6,926 |
| Measure I | \$1,526 | \$2,436 | \$3,962 |
| TBD | | | \$(1,657) |
| Total | | | \$9,231 |

Board Approved Funding: \$10,888,000

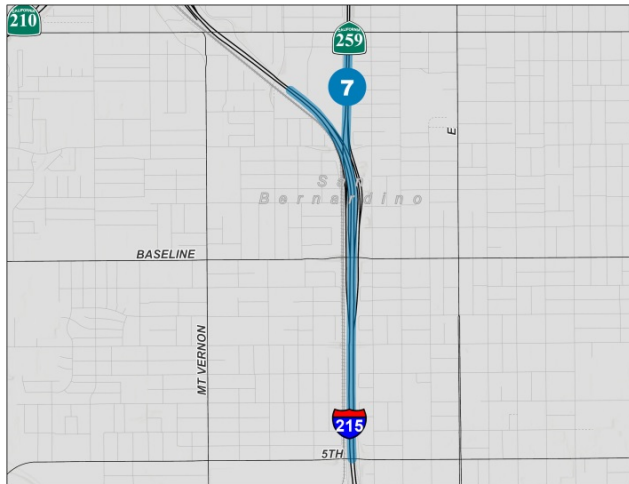
Lead Agency: Caltrans – Landscape Design
SBCTA – Landscape Construction

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

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

I-215 WIDENING – SEGMENT 2 LANDSCAPE

Map of Project:



Project Scope Summary:

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

Project Status and Continuing Activities:

- A Construction Cooperative Agreement with Caltrans was approved by the SBCTA Board of Directors in February 2017.
- Project was advertised for landscape construction services in September 2018 and a Construction contract was awarded in December 2018.
- Construction and installation of landscaping was completed in February 2020, and the plant establishment was completed in December 2020.
- The project is currently in the four-year establish existing planting phase, which will be completed late 2024

Schedule Summary

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

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|--------------|---------|
| PA/ED | \$35 |
| Final Design | \$659 |
| Construction | \$5,465 |
| Total | \$6,159 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|----------------|---------|
| Federal - PNRS | \$4,554 |
| Measure I | \$2,546 |
| TBD | \$(941) |
| Total | \$6,159 |

Board Approved Funding: \$7,100,000

Project Notes of Interest:

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

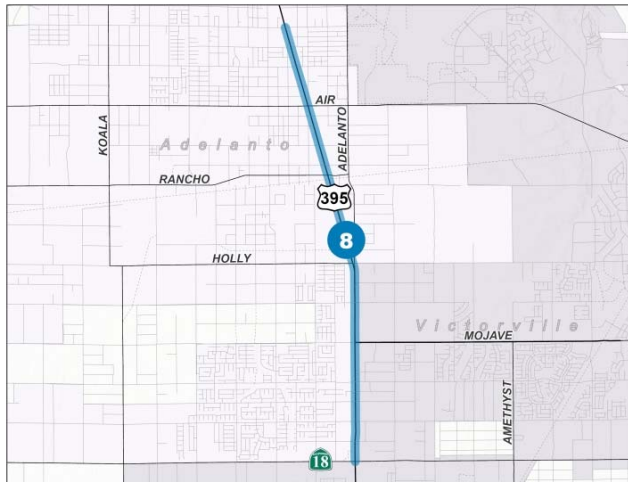
Lead Agency: Caltrans – Landscape Design
SBCTA – Landscape Construction

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

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

US-395 WIDENING PROJECT – PHASE I

Map of Project:



Schedule Summary

| Milestone | Actual [Forecast] |
|-----------------------------------|------------------------|
| Start of Project | Jul 2002 |
| Project Initiation Document (PID) | Aug 2005 |
| Environmental Clearance (PA/ED) | Dec 2009 |
| Final Design Approved (RTL) | Oct 2018 |
| Construction Notice to Proceed | Apr 2019 |
| Complete for Beneficial Use | June 2020 |
| End of Project | [Sep 2022] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------------------|----------|
| Project Report and Env Doc | \$2,087 |
| Final Design | \$6,120 |
| ROW | \$11,072 |
| Construction | \$36,765 |
| Total | \$56,044 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|-----------------------|-----------|
| Federal - STP | \$13,365 |
| Federal - DEMO | \$360 |
| State - STIP/RIP | \$14,883 |
| Measure I | \$1,446 |
| Local Funds | \$1,280 |
| State SHOPP | \$214 |
| State SB1 | \$24,292 |
| Federal 2016 Earmarks | \$2,558 |
| TBD | \$(2,354) |
| Total | \$56,044 |

Board Approved Funding: \$58,398,000

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:

- Substantial completion was achieved in June 2020.
- Relief of Maintenance was granted to the Contractor on January 28, 2021.
- The Construction Management firm is finalizing change orders, preparing the final pay estimate, and completing plan redlines for as-builts.
- Construction Contract acceptance is anticipated in April.
- Right of way acquisition final settlements are nearly complete.
- SBCTA is in the process of conveying the right-of-way to Caltrans, and the public utility easements to the Cities of Victorville and Adelanto.

Project Notes of Interest:

- A concrete cap was placed above Kinder Morgan's 8" and 14" petroleum pipelines to protect their facilities within Caltrans right-of-way.

Lead Agency:

SBCTA – Right of Way
SBCTA – Construction
Caltrans – Design

Project Manager:

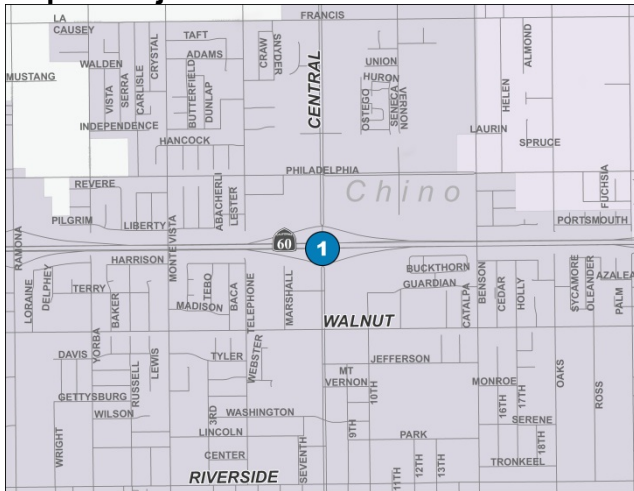
Andrea Nieto (909) 884-8276
anieto@gosbcta.com

Public/Media Contact:

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

SR-60 / CENTRAL AVENUE

Map of Project:



Schedule Summary

| Milestone | Actual [Forecast] |
|---|------------------------|
| Start of Project | June 2014 |
| Project Initiation Document (PID) Approved | Aug 2016 |
| Environmental Clearance (PA/ED) | Jan 2018 |
| Final Design Approved (RTL) | Jun 2020 |
| Construction Notice to Proceed | Jan 2021 |
| Complete for Beneficial Use | [Jun 2022] |
| End of Project | [Dec 2027] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|---------------------------------|----------|
| Project Report and Env Document | \$1,314 |
| Final Design | \$2,060 |
| ROW/Utilities Capital | \$809 |
| Construction | \$31,700 |
| Total | \$35,883 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|-------------------|----------|
| Measure I | \$10,978 |
| City of Chino DIF | \$16,516 |
| State - TCIF | \$8,638 |
| TBD | \$(249) |
| Total | \$35,833 |

Board Approved Funding: \$36,132,000

Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- The Invitation for Bids was advertised in August 2020 with a bid opening date of early October 2020. The lowest responsible bidder was identified and the construction contract was awarded at the December 2020 Board of Directors meeting.
- Construction activities have begun.
- Construction kick off meetings were held with stakeholders and first responders in early March 2021.

Project Notes of Interest:

- Replacement landscaping will be required on the interchange ramp gore areas which includes a four-year landscape maintenance period.
- Project includes a seismic retrofit of the existing Central Avenue Bridge
- The California Transportation Commission (CTC) allocated over \$8.6 million in available State Proposition 1B TCIF funding for the project in June 2020.

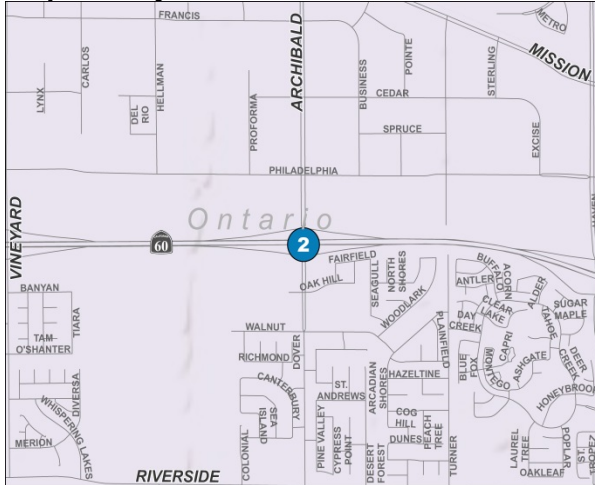
Lead Agency: SBCTA

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

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

SR-60 / ARCHIBALD AVENUE

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Agreements have been reached on four of the six properties required for the project. Negotiations are ongoing with the two remaining property owners.
- Construction started on March 16, 2020.
- Contractor continues to perform work on drainage systems, electrical signals and lighting, curb and gutter and sidewalk, and constructing retaining walls on the SR 60 on- and off-ramps.
- Construction of roadway structural sections, including concrete base, concrete pavement, and rapid set concrete pavement is ongoing.

Schedule Summary

| Milestone | Actual [Forecast] |
|--|------------------------|
| Start of Project | May 2014 |
| Project Initiation Document (PID) Approved | Aug 2016 |
| Environmental Clearance (PA/ED) | Mar 2018 |
| Final Design Approved (RTL) | Jun 2019 |
| Construction Notice to Proceed | Mar 2020 |
| Complete for Beneficial Use | [Apr 2021] |
| End of Project | [May 2023] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|-----------------------------|----------|
| Study Report/Project Report | \$925 |
| Final Design | \$1,428 |
| ROW/Utilities | \$4,211 |
| Construction | \$19,538 |
| Total | \$26,102 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|-----------------------|----------|
| Measure I | \$5,646 |
| City of Ontario | \$14,057 |
| City of Ontario - PCC | \$2,897 |
| State - TCIF | \$1,310 |
| TBD | \$2,192 |
| Total | \$26,102 |

Board Approved Funding: \$23,910,000

Project Notes of Interest:

- The design was accelerated in order to secure TCIF funds.

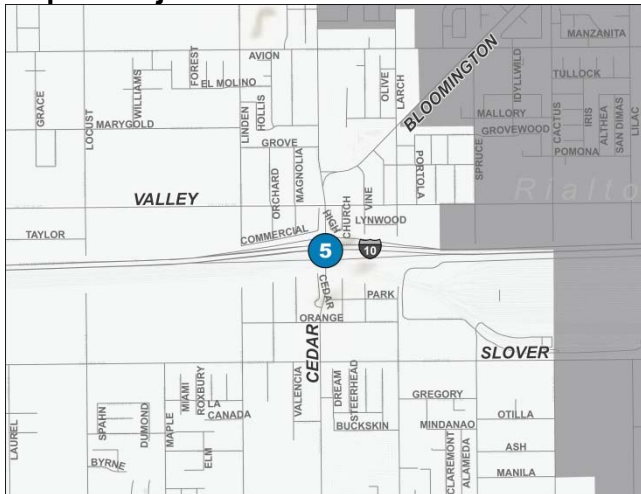
Lead Agency: SBCTA

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

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

I-10 / 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 is performing the final design, with 95% Plans, Specifications and Estimate in progress.
- The County of San Bernardino ROW team is facilitating railroad coordination on behalf of SBCTA and it acquiring necessary property rights from 28 properties that will be impacted by the project.
- A construction management contract was awarded in November 2020.

Project Notes of Interest:

- This project is the number 1 priority project in the Measure I 2010-2040 Freeway Interchange Program.
- The Cooperative Agreement for PS&E between the County and SBCTA was executed in February 2018. Caltrans is executing the design.
- The Cooperative Agreement for the ROW and Construction phases was executed in January 2019 designating SBCTA as lead agency for these phases.
- Construction phase cost estimate has been updated based on Caltrans latest estimate.
- The project has a landscaping component that will be followed by 1-year Plant Establishment and 4-year Establish Existing Planting.

Lead Agency:

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

Project Manager:

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

Public/Media

Tim Watkins (909) 884-8276

Contact:

twatkins@gosbcta.com

Schedule Summary

| Milestone | Actual [Forecast] |
|---|------------------------|
| Start of Project | 2001 |
| Project Initiation Document (PID) Approved (by others) | Nov 2001 |
| Environmental Clearance (PA/ED) | Jul 2013 |
| Final Design Approved (RTL) | [Nov 2021] |
| Construction Notice to Proceed | [Jun 2022] |
| Complete for Beneficial Use | [Aug 2024] |
| End of Project | [Mar 2030] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------|-----------|
| Study Report | County |
| Project Report | \$559 |
| Final Design | \$9,117 |
| ROW | \$8,466 |
| Construction | \$91,882 |
| Total | \$110,024 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|------------------------------|-----------|
| Federal – STP/HIP | \$7,752 |
| Measure I | \$75,322 |
| County of San Bernardino DIF | \$29,528 |
| TBD | \$(2,578) |
| Total | \$110,024 |

Board Approved Funding: \$112,602,000

I-10 / MOUNT VERNON AVENUE

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Project Development Team (PDT) meetings for the PA/ED phase began in January 2019.
- Nearly all technical documents have been approved.
- Caltrans determined that an Initial Study/Mitigated Negative Declaration (IS/MND) is the appropriate Environmental Document for project approval.
- The Draft Project Report and Draft Environmental Document were reviewed by Caltrans and comments were provided in early March.
- Geometric Approval Drawings (GAD's) have been submitted to Caltrans.

Project Notes of Interest:

- The intersection of Mount Vernon Avenue and East Valley View Boulevard is a five-legged signalized intersection that requires careful consideration to ensure safe and efficient traffic operations.
- CEQA and NEPA documents will be prepared to position the project for potential federal funding.
- Construction phase estimate based on approved PID and escalated at 4% per year to midpoint of construction based on latest escalation analysis.

Lead Agency: SBCTA

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

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

Schedule Summary

| Milestone | Actual [Forecast] |
|--|------------------------|
| Start of Project | Jan 2016 |
| Project Initiation Document (PID) Approved | Dec 2018 |
| Environmental Clearance (PA/ED) | [Sep 2021] |
| Final Design Approved (RTL) | [May 2023] |
| Construction Notice to Proceed | [Sep 2023] |
| Complete for Beneficial Use | [Jun 2025] |
| End of Project | [Nov 2028] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|--------------------|----------|
| Study Report/PA/ED | \$2,722 |
| Final Design | \$2,985 |
| ROW | \$4,275 |
| Construction | \$57,029 |
| Total | \$67,011 |

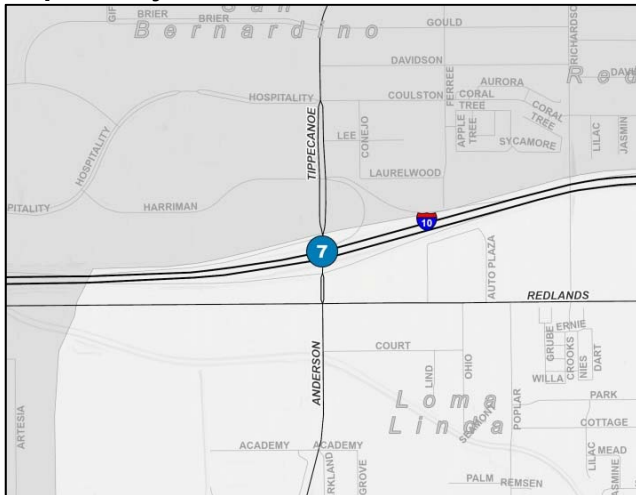
Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|--------------------|----------|
| Measure I | \$52,176 |
| City of Colton DIF | \$2,804 |
| TBD | \$12,031 |
| Total | \$67,011 |

Board Approved Funding: \$54,980,000

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:

- Phase II plant maintenance will be completed in August 2021.
- Coordinating with Caltrans to close the Right-of-Way and Construction Agreements.

Schedule Summary

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

Budgetary Estimate At Completion (\$ 000's)

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

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|----------------------------|----------|
| Federal DEMO/IMD/Earmarks | \$30,337 |
| Measure I | \$7,518 |
| State - IIP | \$3,000 |
| State – TCIF | \$8,691 |
| Local - IVDA | \$1,562 |
| City of San Bernardino DIF | \$1,562 |
| City of Loma Linda DIF | \$1,562 |
| Total | \$54,232 |

Board Approved Funding: \$54,232,000

Lead Agency:

SBCTA

Project Manager:

Jose Corona (909) 884-8276
jcorona@gosbcta.com

Public/Media Contact:

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

I-10 / ALABAMA STREET

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Project Initiation Document (PID) phase was completed in December 2017.
- Environmental clearance was approved in February 2019 and the project report was approved in June 2019.
- The 95% Plans, Specifications and Estimate (PS&E) are in progress.
- A construction management contract was awarded in October 2020.
- An Invitation for Bid (IFB) for construction services is anticipated for release in late Spring 2021.

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 capital cost estimate is currently being updated in the 95% PS&E document.
- The project has a landscaping component that will be followed by 1-year Plant Establishment and 4-year Establish Existing Planting after complete for beneficial use.
- In an effort to secure additional funding for the project, SBCTA reached out to Caltrans requesting financial contribution from their Minor Program Funds. In November 2019, Caltrans agreed to contribute SHOPP funds of \$1,250,000 towards the eastbound off-ramp widening portion of the project. Caltrans contribution agreement and City cooperative agreement amendment were executed in August 2020.

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

| Budgetary Estimate At Completion (\$ 000's) | |
|---|----------|
| Cost Item | Amount |
| PA/ED | \$979 |
| Final Design | \$1,158 |
| ROW | \$49 |
| Construction | \$12,982 |
| Total | \$15,168 |

| Funding Estimate At Completion (\$ 000's) | |
|---|----------|
| Funding Source | Amount |
| Measure I | \$6,750 |
| City of Redlands DIF | \$7,183 |
| Caltrans SHOPP | \$1,250 |
| TBD | \$(15) |
| Total | \$15,168 |

Board Approved Funding: \$15,183,000

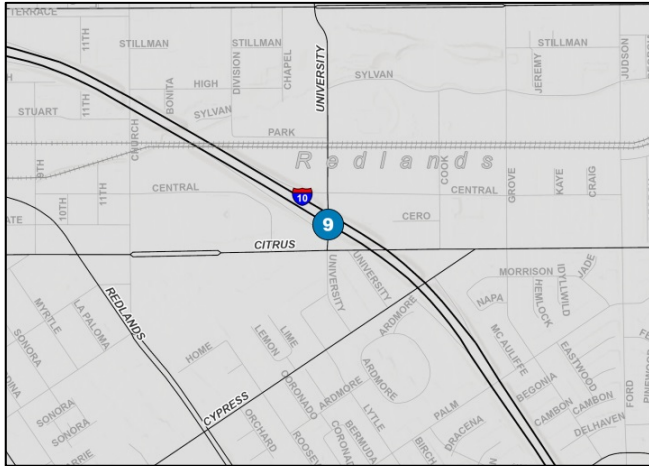
Lead Agency: SBCTA

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

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

I-10 / UNIVERSITY STREET

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Upon execution of Caltrans contribution agreement and City cooperative agreement amendment in June 2020, an Invitation for Bid (IFB) for construction services was released on June 30, 2020.
- A construction contract was awarded in September 2020.
- There is a 120-day delayed start of the construction due to the long lead time to procure the traffic signal poles for the project. The construction work is anticipated to start in April 2021d.

Project Notes of Interest:

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

Lead Agency: SBCTA

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

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

Schedule Summary

| Milestone | Actual [Forecast] |
|--|------------------------|
| Start of Project | Dec 2014 |
| Project Initiation Document (PID) Approved | N/A |
| Environmental Clearance (PA/ED) | Feb 2017 |
| Final Design Approved (RTL) | Jan 2020 |
| Construction Notice to Proceed | Mar 2021 |
| Complete for Beneficial Use | [Sep 2021] |
| End of Project | [Mar 2023] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|--------------|---------|
| Study Report | N/A |
| PA/ED | \$430 |
| Final Design | \$875 |
| Construction | \$4,538 |
| Total | \$5,843 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|----------------------|---------|
| Measure I | \$4,109 |
| City of Redlands DIF | \$1,234 |
| Caltrans SHOPP | \$500 |
| Total | \$5,843 |

Board Approved Funding: \$5,843,000

SR-210 / PEPPER AVENUE

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- The interchange was opened to the public in May 2018 and a dedication ceremony was held in June 2018.
- The one year plant establishment was completed and the 4 year Establish Existing Planting (EEP) phase began in August 2019.
- Completion of the EEP phase is planned for August 2023, after that Caltrans will assume landscape maintenance.

Project Notes of Interest:

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

Schedule Summary

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

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------|----------|
| Study Report | N/A |
| Project Report | \$1,745 |
| Final Design | \$1,625 |
| ROW | \$1,196 |
| Construction | \$18,930 |
| Total | \$23,496 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|---------------------|----------|
| Federal - STP | \$12,667 |
| Measure I 1990-2010 | \$10,754 |
| WVWD | \$318 |
| TBD | \$(243) |
| Total | \$23,496 |

Board Approved Funding: \$23,739,000

Lead Agency:

SBCTA

Project Manager:

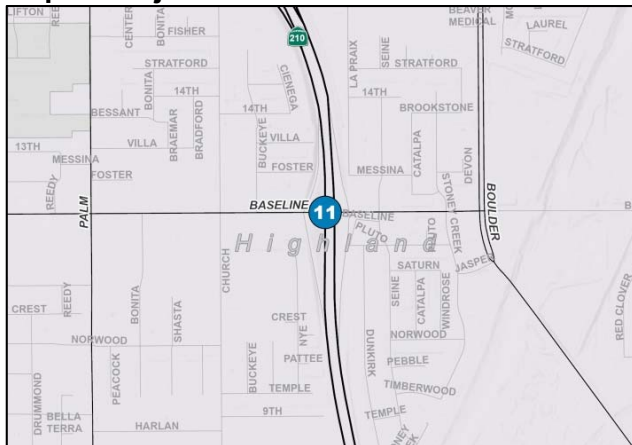
Paul Melocoton (909) 884-8276
pmelocoton@gosbcta.com

Public/Media Contact:

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

SR-210 / BASE LINE

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Construction contract awarded by SBCTA Board in November 2019 and the groundbreaking ceremony was held on February 26, 2020.
- Construction began in February 2020 and is scheduled to be complete in Spring 2023.
- Clearing and grubbing in the interchange has been completed. Bridge widening is underway including foundations, abutments and falsework.

Project Notes of Interest:

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

Lead Agency: SBCTA

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

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

Schedule Summary

| Milestone | Actual [Forecast] |
|--|------------------------|
| Start of Project | Feb 2013 |
| Project Initiation Document (PID) Approved | N/A |
| Environmental Clearance (PA/ED) | Dec 2016 |
| Final Design Approved (RTL) | Apr 2019 |
| Construction Notice to Proceed | Feb 2020 |
| Complete for Beneficial Use | [May 2023] |
| End of Project | [Nov 2027] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------|----------|
| Study Report | \$214 |
| Project Report | \$1,042 |
| Final Design | \$1,535 |
| ROW | \$1,090 |
| Construction | \$28,195 |
| Total | \$32,076 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|----------------------|-----------|
| Measure I | \$20,028 |
| City of Highland DIF | \$14,793 |
| TBD | \$(2,745) |
| Total | \$32,076 |

Board Approved Funding: \$34,821,000

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

Map of Project:



Schedule Summary

| Milestone | Actual [Forecast] |
|---|------------------------|
| Start of Project | July 2007 |
| Project Initiation Document (PID) Approved | Mar 2009 |
| Environmental Clearance (PA/ED) | Feb 2012 |
| Final Design Approved (RTL) | Jan 2016 |
| Construction Notice to Proceed | Aug 2013 |
| Complete for Beneficial Use | June 2016 |
| End of Project | [Aug 2021] |

Budgetary Estimate at Completion (\$ 000's)

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

Funding Estimate at Completion (\$ 000's)

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

Board Approved Funding: \$325,005,000

Project Scope Summary:

This project reconfigured the interchange to provide four lanes in each direction on I-15. The project also included adding truck 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 cost reconciliation is nearly complete.
- Resolution of ROW interests including disposal of excess land has been completed.
- Post construction environmental mitigation and monitoring is required and is being coordinated with Caltrans and resource agencies.

Project Notes of Interest:

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

Lead Agency:

Caltrans – Design Build
SBCTA - ROW, Utilities, Railroad

Project Manager:

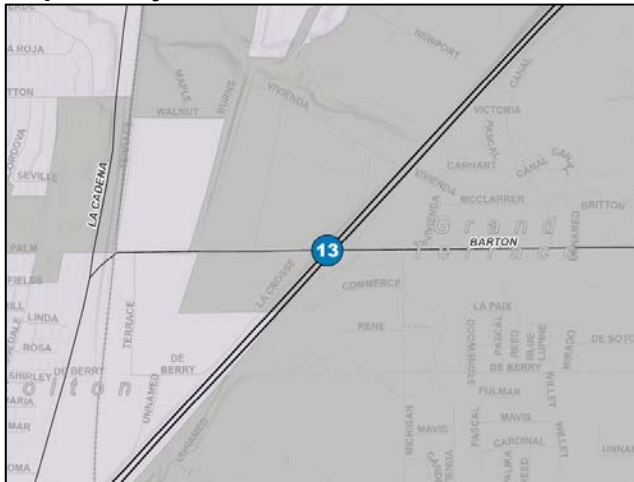
Dennis Saylor (909) 884-8276
dsaylor@gosbcta.com

Public/Media Contact:

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

I-215 / BARTON ROAD

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

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

Project Notes of Interest:

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

Lead Agency:

Caltrans – Design and Construction

Project Manager:

SBCTA - Right-Of-Way
Andrea Nieto (909) 884-8276
anieto@gosbcta.com

Public/Media Contact:

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

Schedule Summary

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

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------|-----------------|
| Study Report | -Incl in PA/ED- |
| Project Report | \$2,990 |
| Final Design | \$6,480 |
| ROW | \$35,623 |
| Construction | \$59,874 |
| Totals | \$104,967 |

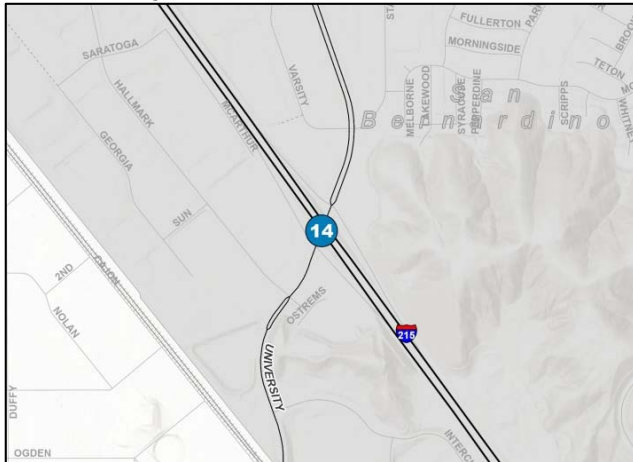
Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|---------------------------------|-----------|
| State – STIP/RIP | \$17,400 |
| Federal - STP | \$16,218 |
| Federal - Section 112 and 115 | \$2,481 |
| Federal - DEMO | \$6,481 |
| Federal - EARREPU | \$1,710 |
| Private – Level 3 Communication | \$70 |
| Measure I (2010-2040) | \$60,977 |
| RCTC | \$156 |
| Measure I (1990-2010) | \$2,134 |
| TBD | \$(2,660) |
| Total | \$104,967 |

Board Approved Funding: \$107,627,000

I-215 / UNIVERSITY PARKWAY

Map of Project:



Project Scope Summary:

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

Project Benefit:

The project will reduce delays and improve freeway access.

Project Status and Continuing Activities:

- Geometric Approval Drawings (GADs) have been approved.
- The draft environmental document was circulated for public review in July 2019 and the final environmental document and final project report were approved in July 2020.
- Final design work and right of way acquisition have started with completion anticipated in 2022.

Project Notes of Interest:

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

Lead Agency: SBCTA

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

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

Schedule Summary

| Milestone | Actual [Forecast] |
|---|------------------------|
| Start of Project | Nov 2015 |
| Project Initiation Document (PID) Approved | Oct 2016 |
| Environmental Clearance (PA/ED) | Jul 2020 |
| Final Design Approved (RTL) | [Oct 2022] |
| Construction Notice to Proceed | [May 2023] |
| Complete for Beneficial Use | [Mar 2024] |
| End of Project | [Feb 2025] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------|----------|
| Project Report | \$1,528 |
| Final Design | \$744 |
| ROW | \$871 |
| Construction | \$12,330 |
| Totals | \$15,473 |

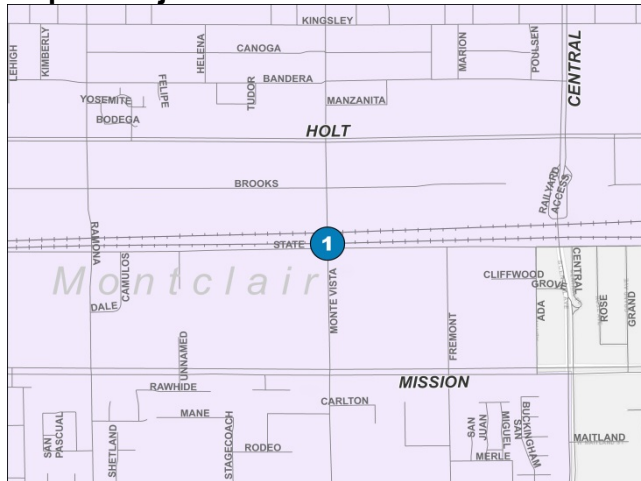
Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|----------------------------|----------|
| Federal - STP | \$5,000 |
| Federal - DEMO | \$735 |
| Measure I | \$7,680 |
| City of San Bernardino DIF | \$1,996 |
| TBD | \$62 |
| Total | \$15,473 |

Board Approved Funding: \$15,411,000

MONTE VISTA AVENUE AND UNION PACIFIC RAILROAD

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

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

Project Notes of Interest:

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

Schedule Summary

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

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------|----------|
| Project Report | City |
| Final Design | City |
| ROW | City |
| Construction | \$23,180 |
| Total | \$23,180 |

Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|-----------------------|-----------|
| Federal – PNRS | \$10,661 |
| State – TCIF | \$1,019 |
| Measure I | \$7,214 |
| City of Montclair DIF | \$2,435 |
| UPRR | \$1,076 |
| PUC Section 190 | \$5,000 |
| TBD | \$(4,225) |
| Total | \$23,180 |

Board Approved Funding: \$27,405,000

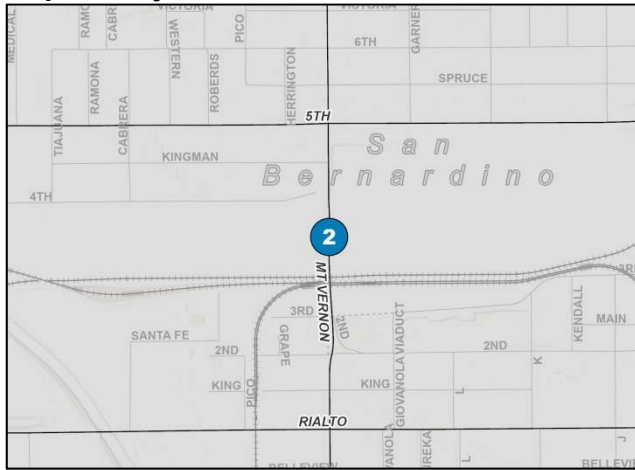
Lead Agency: City of Montclair – Design/ROW
SBCTA – Construction

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

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

MOUNT VERNON AVENUE VIADUCT

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- A Cooperative Agreement with the City of San Bernardino was approved in June 2016 to have SBCTA take over this project. This agreement was amended at the July 2018 SBCTA Board meeting to update the costs and incorporate design-build into the project and in June 2020 to update costs and funding.
- A contract with a design builder was executed in June 2020.
- Additional funding has been committed by the Highway Bridge Program and the City of San Bernardino to cover increased project costs.
- Deconstruction of the existing bridge started at the end of 2020 and is anticipated to be complete in Spring 2021.
- Work continues to acquire right-of-way and relocate utilities and site clearing and grubbing.

Project Notes of Interest:

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

Lead Agency: SBCTA

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

Public/Media Tim Watkins (909) 884-8276

Contact: twatkins@gosbcta.com

| Schedule Summary | |
|--|------------------------|
| Milestone | Actual [Forecast] |
| Start of Project | Aug 2009 |
| Project Initiation Document (PID) Approved | N/A |
| Environmental Clearance (PA/ED) | Jun 2011 |
| Design NTP | June 2020 |
| Construction Notice to Proceed | Dec 2020 |
| Complete for Beneficial Use | [Jul 2024] |
| End of Project | [Jun 2025] |

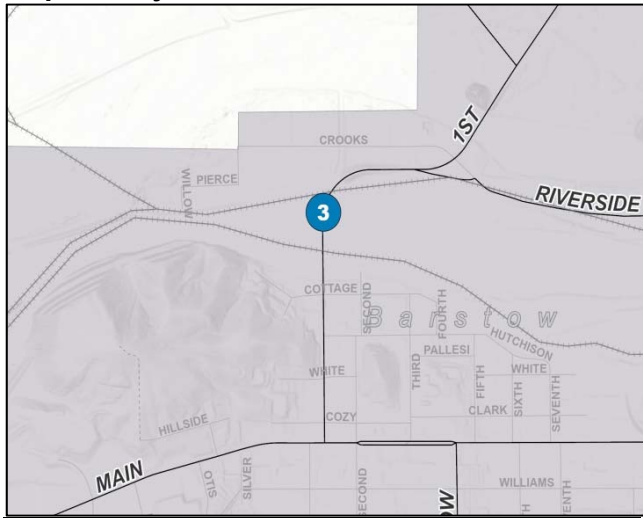
| Budgetary Estimate At Completion (\$ 000's) | |
|---|-----------|
| Cost Item | Amount |
| Project Report/PA&ED | \$23,557 |
| ROW | \$72,522 |
| Construction | \$129,010 |
| Total | \$225,089 |

| Funding Estimate At Completion (\$ 000's) | |
|---|-----------|
| Funding Source | Amount |
| Federal - HBP | \$170,879 |
| Measure I – City Arterial | \$16,174 |
| City of San Bernardino DIF | \$9,748 |
| BNSF | \$29,500 |
| Prop 1B | \$3,453 |
| TBD | \$(4,665) |
| Total | \$225,089 |

Board approved funding: \$229,754,000

NORTH FIRST AVENUE BRIDGE OVER BNSF RAILROAD PROJECT

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- A Construction Cooperative Agreement with the City of Barstow was approved by the Board in September 2020 whereby SBCTA would be the lead agency for the construction phase of the project.
- Railroad Construction and Maintenance Agreement with BNSF, City of Barstow and SBCTA was executed in March, 2021

Project Notes of Interest:

During the Bridge Inspection Report prepared by Caltrans in April 2012, the bridge Sufficiency Rating (SR) was 3 out of 100. The existing bridge is considered Structurally Deficient (SD) in its superstructure, substructure, and the overall structural evaluation. The existing bridge is also considered Functionally Obsolete (FO) due to its overall geometry and substandard vertical clearance.

Lead Agency:

City of Barstow – Environmental,
Design and Right of Way
SBCTA – Construction

Project Manager:

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

Public/Media Contact:

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

Schedule Summary

| Milestone | Actual [Forecast] |
|-----------------------------------|------------------------|
| Start of Project | 2012 |
| Project Initiation Document (PID) | Mar 2013 |
| Environmental Clearance (PA/ED) | Sep 2016 |
| Final Design Approved (RTL) | [Sep 2021] |
| Construction Notice to Proceed | [Apr 2022] |
| Complete for Beneficial Use | [May 2024] |
| End of Project | [Aug 2025] |

Budgetary Estimate At Completion (\$ 000's)

| Cost Item | Amount |
|----------------------------|----------|
| Project Report and Env Doc | \$2,888 |
| Final Design | \$4,747 |
| ROW | \$15,025 |
| Construction | \$61,458 |
| Total | \$84,118 |

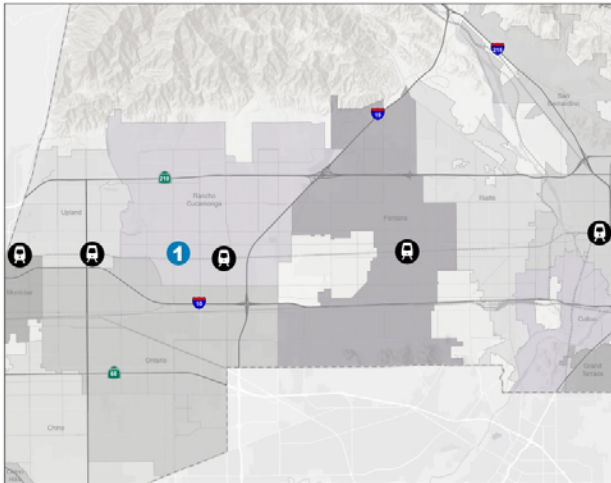
Funding Estimate At Completion (\$ 000's)

| Funding Source | Amount |
|--------------------|----------|
| Federal - HBP | \$67,728 |
| Measure I | \$7,767 |
| Local Funds | \$2,991 |
| LSSRP Bond | \$305 |
| Repurposed Earmark | \$3,958 |
| TBD | \$1,369 |
| Total | \$84,118 |

Board Approved Funding: \$82,749,000

METROLINK ATP (Phase II)

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Phase I work was completed in early March 2019 and project close out is complete.
- Phase II work is currently in the design phase. A design RFP was released July 2020 and the design contract was awarded in December 2020.
- An environmental revalidation is also currently underway to cover minor scope changes from the original clearance.

Project Notes of Interest:

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

| Schedule Summary | |
|--|------------------------|
| Milestone | Actual [Forecast] |
| Start of Project | Aug 2019 |
| Project Initiation Document (PID) Approved | N/A |
| Environmental Clearance (PA/ED) | [May 2021] |
| Final Design Approved (RTL) | [Mar 2022] |
| Construction Notice to Proceed | [Jan 2023] |
| Complete for Beneficial Use | [Oct 2023] |
| End of Project | [Aug 2024] |

| Budgetary Estimate At Completion (\$ 000's) | |
|---|---------|
| Cost Item | Amount |
| Project Report | N/A |
| Final Design | \$823 |
| Construction | \$6,687 |
| Total | \$7,510 |

| Funding Estimate At Completion (\$ 000's) | |
|---|---------|
| Funding Source | Amount |
| Federal ATP | \$6,132 |
| City Contributions | \$1,378 |
| Total | \$7,510 |

Board Approved Funding: \$7,510,000

Lead Agency

SBCTA

Project Manager

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

Public/Media Contact

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



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