

San Bernardino Associated Governments
MAJOR PROJECTS
PROJECT STATUS REPORT
OCTOBER - DECEMBER
2015



Governments
SANBAG
Working Together

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ORDER OF PROJECT DELIVERY

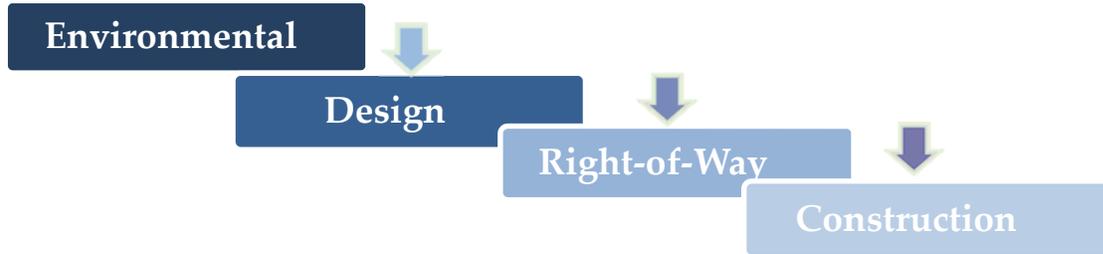


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PROJECT STATUS -DEFINITIONS-

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

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

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

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

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

EEP: Establish Existing Planting

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.

End of Project: Final completion of all construction activities and formal close-out of construction contracts and ROW activities

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.

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.

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

RTL: Ready to List.

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

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

Start of Project: Board action to begin project.

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

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

PROJECT STATUS

-FUNDING PROGRAM DESCRIPTIONS-

FEDERAL

- ARRA – American Recovery and Reinvestment Act
- CMAQ – Congestion Mitigation & Air Quality Program
- STP – Surface Transportation Program
- TIGER – Transportation Investment Generating Economic Recovery
- TEA – Transportation Enhancement Activity
- TE – Transportation Enhancement
- DEMO – Demonstration Project
- PNRs – Project of National & Regional Significance
- IMD – Interstate Maintenance Discretionary

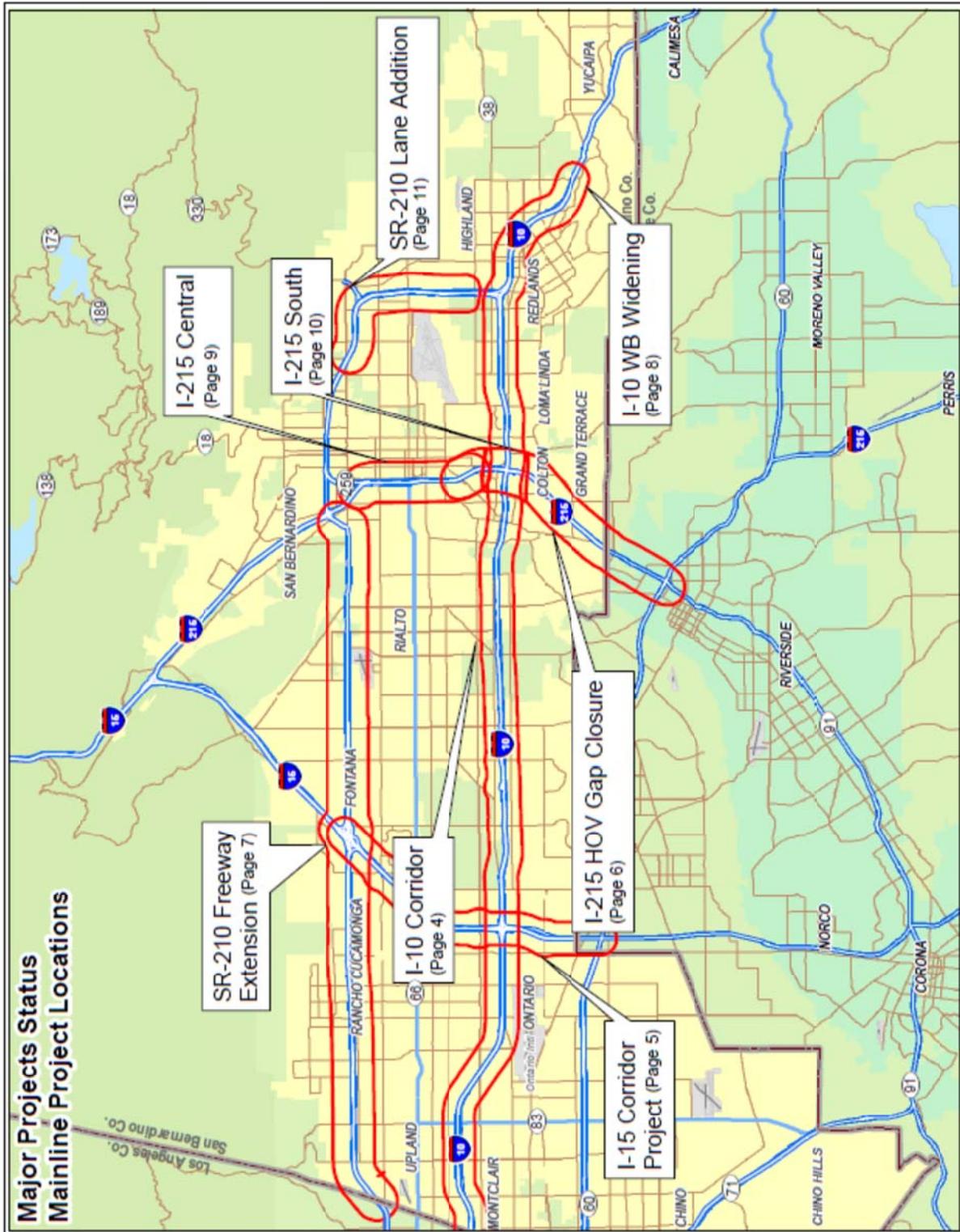
STATE

- CMIA – Corridor Mobility Improvement Account
- TCRP – Traffic Congestion Relief Program
- RIP – Regional Improvement Program
- STIP – State Transportation Improvement Program
- ITIP – Interregional Transportation Improvement Program
- LLP/IIP – Interregional Improvement Program
- TCIF – Trade Corridor Improvement Fund
- SHOPP – State Highway Operation and Protection Program
- TLSP – Traffic Light Synchronization Program
- SLPP – State Local Partnership Program
- PUC – Public Utilities Commission

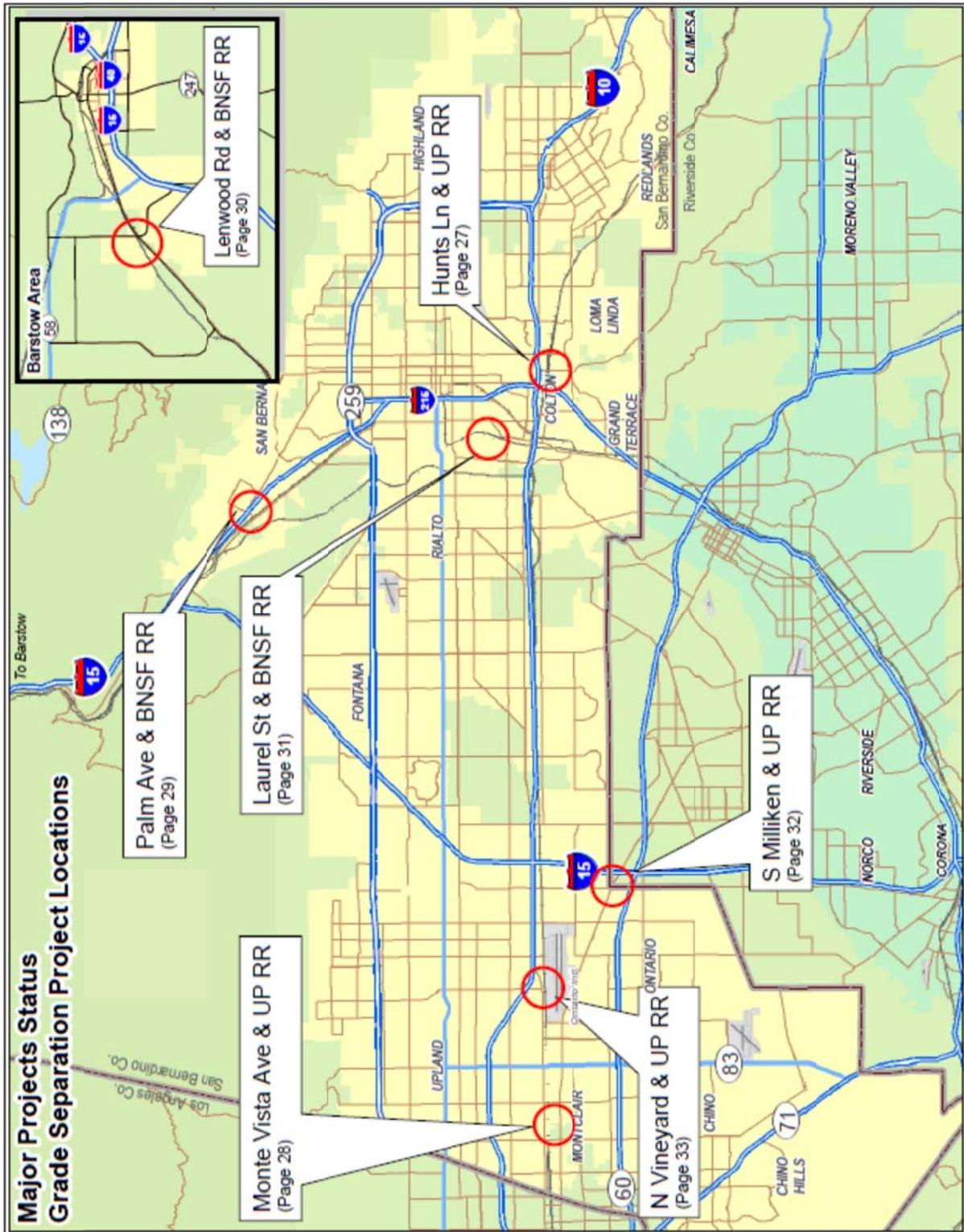
LOCAL

- DIF – Developer Impact Fees
- IVDA – Inland Valley Development Agency

PROJECT LOCATION MAP



PROJECT LOCATION MAP



I-10 CORRIDOR

Map of Project:



Project Scope Summary:

This project consists of three alternatives under study:

1. Alternative One: 'No Build' Alternative.
2. Alternative Two: Includes extending a High Occupancy Vehicle (HOV) lane from Haven Avenue to Ford Street, approximately 25 miles.
3. Alternative Three: Provides express lanes, also known as high occupancy toll lanes, from LA County line to Ford Street, approximately 33 miles.

Project Benefit:

Construction of additional lanes will decrease congestion, increase capacity and improve travel time reliability.

Project Status:

- SANBAG Board of Directors approved the express lanes as the Locally Preferred Alternative (LPA), subject to the environmental review.
- The majority of the environmental technical studies have been completed and approved by Caltrans. Geometric Approval Drawings are being developed.
- The Draft Environmental Document has been compiled and submitted to Caltrans for review and is scheduled for public circulation in February/March 2016.
- Coordination with Caltrans Los Angeles District 7 staff continues for the project transition at the County line.

Project Notes of Interest:

Assembly Bills 914 and 194 were signed into law on October 9, 2015. AB 914 provides SANBAG with tolling authority on Interstates 10 and 15 should the Board elect to move forward with the Express Lanes alternative.

Lead Agency: SANBAG

Project Manager: Chad Costello 909 884-8276
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Public/Media Contact: Tim Watkins (909) 884-8276
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Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 2007
Project Initiation Document (PID) Approved (by others)	June 2005
Environmental Clearance (PA/ED)	[2017]
Construction NTP (Design Build PH I)	[2018]
Construction NTP (Design Build PH II)	[2020]
Complete for Beneficial Use	[2023]
End of Project	[2028]

Budgetary Estimate Summary (Express Lanes) (\$ 000's)	
Cost Item	Amount
Study Report	- Caltrans -
Project Report	\$28,127
Final Design	\$130,386
ROW Certification	\$184,891
Utility Relocation	- Incl in ROW -
Construction	\$1,267,067
Total	\$1,610,471

Funding Summary (Express Lanes) (\$ 000's)	
Funding Source	Amount
Measure I	\$640,680
Federal - CMAQ	\$55,171
Federal - STP	\$27,100
State - RIP	\$122,620
Toll Revenue	\$764,900
Total	\$1,610,671

I-15 CORRIDOR

Map of Project:



Project Scope Summary:

Study the addition of 2 express lanes in each direction on the I-15 from SR-60 to SR-210.

Project Benefit:

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

Project Status and Continuing Activities:

- A Project Study Report was completed in the fall of 2014.
- Currently working on traffic studies, geometric design, field surveys, and environmental technical studies.

Project Notes of Interest:

This project ties to the I-15 Express Lanes project in Riverside County which extends from SR-60 to south of SR-91 in Corona.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Oct 2012
Project Initiation Document (PID) Approved	Sept 2014
Environmental Clearance (PA/ED)	[Oct 2017]
Final Design Approved – (RTL)	[June 2020]
Construction Notice to Proceed	[Apr 2021]
Complete for Beneficial Use	[Feb 2024]
End of Project	[2024]

**Budgetary Estimate Summary
(\$ 000's)**

Cost Item	Amount
Project Report and Env Document	\$13,000
Final Design	\$16,000
Construction Support	\$64,218
Construction Capital	\$276,470
Total	\$369,688

**Funding Summary
(\$ 000's)**

Funding Source	Amount
Federal - CMAQ	\$63,562
State – STIP/RIP	\$11,456
Federal - STP	\$7,938
Toll Revenue	\$266,173
Measure I	\$20,559
Total	\$369,688

Lead Agency: SANBAG

Project Manager: Dennis Saylor (909) 884-8276
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I-215 BI-COUNTY HIGH OCCUPANCY VEHICLE (HOV) GAP CLOSURE

Map of Project:



Project Scope Summary:

This project will add a High Occupancy Vehicle (HOV) system in each direction of I-215 between Orange Show Road in the City of San Bernardino and Spruce Street near the SR-60/SR-91/I-215 junction in the City of Riverside.

Project Benefit:

Project will provide a continuous carpool lane from the City of San Bernardino to the City of Riverside.

Project Status and Continuing Activities:

- Construction of the project is complete and the HOV lanes are open for use.
- Installation of signals at I-215 Iowa Avenue and La Cadena Drive is planned for mid-2016. A portion of the construction cost will be funded through State Highway Operation and Protection Program (SHOPP) funds.

Project Notes of Interest:

The construction bid package also included a SHOPP project that is funded entirely by Caltrans. The pavement on all lanes within the project segment was rehabilitated as part of the I-215 Bi-County Project.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	February 2009
Project Initiation Document (PID) Approved	-incl. in PA/ED-
Environmental Clearance (PA/ED)	Mar 2011
Final Design Approved – (RTL)	June 2012
Construction Notice to Proceed	Jan 2013
Complete for Beneficial Use	June 2015
End of Project	[Mar 2016]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$6,120
Final Design	\$11,000
ROW/Utilities Capital	\$14,461
Construction Support	\$16,631
Construction Capital	\$142,151
Total	\$189,227

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - CMAQ	\$49,003
State – STIP/RIP	\$65,469
State - CMIA	\$18,548
State- IIP	\$4,961
Riverside County Trans Commission	\$1,305
Measure I	\$49,941
Total	\$189,227

Lead Agency: Caltrans – Construction
SANBAG – Design, Right-of-Way

Project Manager: Paul Melocoton (909)884-8276
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SR-210 FREEWAY EXTENSION CONSTRUCTION

Map of Project:



Overall Project Scope Summary:

This project extends 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 (i.e. "car pool") lane in each direction.

Current Project Summary:

This project is in the landscape phase on Segments 8-11.

Overall 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:

Segments 8 through 11 are in a four (4) year extended plant maintenance with Segment 8 scheduled to be completed in May 2017, and Segment 11 completing in September 2019.

Project Notes of Interest:

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

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	1980
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	1996/2004
Final Design Approved – (RTL)	Apr 2004
Construction Notice to Proceed	Jan 2005
Complete for Beneficial Use	July 2007
End of Project	[Sept 2019]

Landscape Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Project Report	\$80
Final Design	\$720
Construction	\$18,935
Totals	\$19,735

Landscaping Segments 8-11 Funding Summary (\$ 000's)	
Funding Source	Amount
Federal – STP	\$1,707
State – RIP-TE STP-RIP	\$4,127
Measure I	\$13,901
Total	\$19,735

Lead Agency: Landscape Design – Caltrans
Project Admin. – SANBAG

Project Manager: Tim Kirkley (909) 884-8276
tkirkley@sanbag.ca.gov

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

I-215 WIDENING – CENTRAL SAN BERNARDINO

Map of Project:



Project Scope Summary:

This project will build or replace 16 bridge structures on the I-215 freeway through San Bernardino, add a carpool and general-purpose lane in each direction between Rialto Avenue and Massachusetts Avenue. The project will also reconfigure ramps at Second Street, Third Street, Fifth Street, Baseline, and SR-259 interchanges.

Project Benefit:

The added lanes will ease traffic congestion and improve traffic operations.

Project Notes of Interest:

The construction phase was completed in 2014.

The landscape portion of this project is currently on hold due to the State of California water conservation mandates.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 1988
Project Initiation Document (PID) Approved (by others)	June 1992
Environmental Clearance (PA/ED)	Dec 2005
Final Design Approved – (RTL)	May 2009
Construction Notice to Proceed	Oct 2009
Complete for Beneficial Use	Jan 2014
End of Project	[2022]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Final Design	\$27,609
ROW Certification	\$67,233
ROW Support	\$10,090
Construction Support	\$37,903
Construction	\$174,924
Landscape	\$8,158
Totals	\$326,250

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal – CMAQ	\$29,006
Federal - PNRS (IVDA Co-op)	\$31,303
Federal – ARRA	\$128,227
Federal - TEA	\$3,597
Federal – DEMO	\$271
State - RIP	\$91,640
State – TCRP	\$8,887
Measure I	\$33,319
Totals	\$326,250

Lead Agency: SANBAG

Project Manager: Brian Smith (909) 884-8276
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Public/Media Contact: Tim Watkins (909) 884-8276
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I-215 WIDENING – SOUTH SAN BERNARDINO

Map of Project:



Project Scope Summary:

Project will add one carpool and one general-purpose lane in each direction, and build/replace 6 bridge structures.

Project Status and Continuing Activities:

- Construction Management firm completed a constructability review of the landscape plans.
- Request for Authorization (RFA) package submitted to Caltrans for landscape construction funding.

Project Notes of Interest:

The construction phase was completed in 2010.

The landscape portion of this project is currently on hold due to the State of California water conservation mandates.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 1988
Project Initiation Document (PID) Approved	Caltrans
Environmental Clearance (PA/ED)	Dec 2005
Final Design Approved – (RTL)	April 2007
Construction Notice to Proceed	Dec 2007
Complete for Beneficial Use	Aug 2010
End of Project	[2022]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report / Project Report	- Caltrans -
Final Design	\$8,323
ROW Certification	\$59,749
ROW Support	\$4,676
Construction Support	\$14,603
Construction	\$89,433
Landscape	\$3,525
Totals	\$180,309

Budgetary Estimate Summary (\$ 000's)	
Funding Source	Amount
Federal - CMAQ	\$23,176
Federal - STP	\$29,307
Federal - PNRS (IVDA Co-op)	\$22,107
Federal - ARRA	\$0
State - RIP	\$103,767
Measure I	\$1,952
Total	\$180,309

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

Project Manager: Brian Smith (909) 884-8276
bsmith@sanbag.ca.gov

Public/Media Contact: Tim Watkins (909) 884-8276
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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 mixed flow 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:

- Public review scheduled for early 2016.
- Environmental approval scheduled for mid-2016.
- Procurement for final design services is currently underway.

Project Notes of Interest:

As both the SR-210 Lane Addition and SR-210 Base Line Interchange projects align both geographically and share similar delivery schedules, they will be combined for the design, right of way, and construction phases to save cost and schedule.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	2011
Project Initiation Document (PID) Approved (by Caltrans)	May 2008
Environmental Clearance (PA/ED)	[Aug 2016]
Final Design Approved – (RTL)	[Dec 2017]
Construction Notice to Proceed	[Aug 2018]
Complete for Beneficial Use	[May 2020]
End of Project	[Mar 2021]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Caltrans
Project Report	\$3,052
Final Design	\$8,818
ROW Certification	\$4,000
ROW Support	\$768
Construction Support	\$16,525
Construction	\$99,000
Totals	\$132,163

Budgetary Estimate Summary (\$ 000's)	
Funding Source	Amount
Federal - STP	\$43,523
State - RIP	\$25,000
Measure I	\$63,640
Total	\$132,163

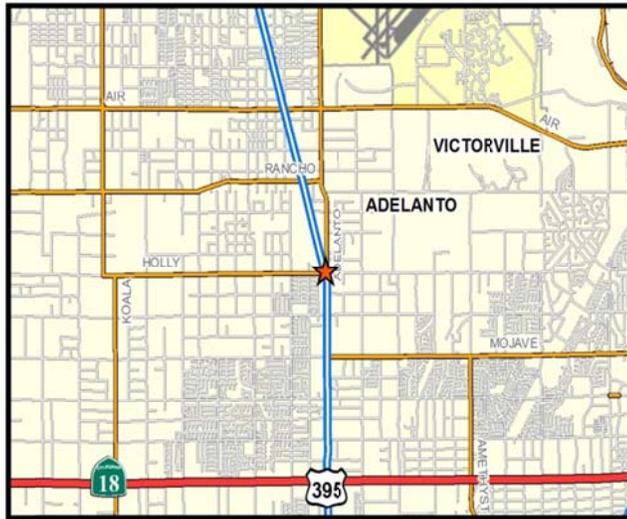
Lead Agency: SANBAG

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bsmith@sanbag.ca.gov

Public/Media Contact: Tim Watkins (909) 884-8276
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US-395 WIDENING PROJECT – PHASE I

Map of Project:



Project Scope Summary:

Widen US-395 between SR 18 and Chamberlain 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:

- Caltrans is developing the ROW appraisal maps.
- An open house meeting is being planned to provide information regarding the ROW process.

Project Notes of Interest:

- Environmental clearance was approved for all phases in December, 2009.
- Future phases call for widening between I-15 and SR 18 and between Chamberlain Way and Desert Flower Road.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 2002
Project Initiation Document (PID) Approved	Aug 2005
Environmental Clearance (PA/ED)	Dec 2009
Final Design Approved – (RTL)	[Mar 2018]
Construction Notice to Proceed	[Nov 2018]
Complete for Beneficial Use	[Mar 2020]
End of Project	[Dec 2020]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Project Report and Env Document	\$2,000
Final Design	\$6,015
ROW Support	12,189
Construction	36,520
Total	\$56,724

Budgetary Estimate Summary (\$ 000's)	
Funding Source	Amount
Federal – STP	\$13,365
State - RIP	\$28,883
Federal-DEMO	\$360
Measure I	\$14,116
Total	\$56,724

Lead Agency: SANBAG

Project Manager: Andrea Nieto (909) 884-8276
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I-10 AND CHERRY AVENUE

Map of Project:



Project Scope Summary:

This project will replace the existing five-lane Cherry Avenue bridge with an eight-lane bridge and add one lane to each ramp.

Project Benefit:

This project will make operational and safety improvements and greatly reduce 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.
- Project is 99% complete.
- The 1 year plant establishment period began in May 2015

Project Notes of Interest:

- Work started in October 2012 includes I-10 and UPRR overcrossing bridges and eight retaining walls.
- Work includes widening of Cherry Avenue between Valley Boulevard and Slover Avenue.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	1998
Project Initiation Document (PID) Approved	2001
Environmental Clearance (PA/ED)	Feb 2009
Final Design Approved – (RTL)	Sept 2011
Construction Notice to Proceed	Oct 2012
Complete for Beneficial Use	Jan 2015
End of Project	[2019]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	City/Caltrans
Project Report	\$781
Final Design	\$6,600
ROW Certification	\$13,003
Utility Relocation	-Incl in ROW-
Construction	\$60,281
Total	\$80,665

Funding Summary (\$ 000's)	
Cost Item	Amount
Federal – TCIF	\$30,520
Federal - IMD	\$1,215
County of San Bernardino	\$18,035
Measure I	\$16,897
City of Fontana	\$10,090
State - STIP/RIP	\$3,908
Total	\$80,665

Lead Agency: SANBAG

Project Manager: Mike Barnum (909) 884-8276
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I-10 AND CITRUS AVENUE

Map of Project:



Project Scope Summary:

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

Project Benefit:

This project will reduce traffic congestion and improve safety.

Project Status and Continuing Activities:

A new four-year Establish Existing Planting (EEP) contract was awarded in June 2015.

Project Notes of Interest:

All lanes on the new bridge were open to traffic on May 13, 2014.

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

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	City
Project Report	\$1,138
Final Design	\$5,609
ROW Certification	\$10,755
Utility Relocation	-Incl in ROW-
Construction	\$40,232
Total	\$57,734

Funding Summary (\$ 000's)	
Cost Item	Amount
Federal - STP	\$24,419
Federal - CMAQ	\$2,243
State – STIP/RIP	\$3,238
Measure I	\$5,663
County of San Bernardino	\$118
City of Fontana	\$22,053
Total	\$57,734

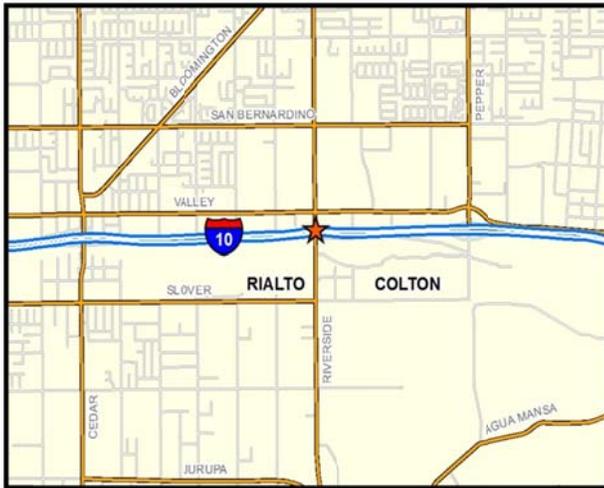
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I-10 AND RIVERSIDE AVENUE

Map of Project:



Project Scope Summary:

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

Project Benefit:

This project will improve traffic flow and safety.

Project Status and Continuing Activities:

- The project is currently in a four-year plant establishment period scheduled for completion in December 2018.

Project Notes of Interest:

- Landscaping is being irrigated with reclaimed water provided by the City of Rialto.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	1995
Project Initiation Document (PID) Approved	Mar 1997
Environmental Clearance (PA/ED)	May 1999 Feb 2008
Final Design Approved – (RTL)	Jun 2009
Construction Notice to Proceed	Sept 2009
Complete for Beneficial Use	Nov 2015
End of Project	[Dec 2018]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Rialto -
Project Report	- Rialto -
Final Design	\$2,324
ROW Certification	\$2,000
Utility Relocation	-Incl in ROW-
Construction	\$35,700
Total	\$40,024

Funding Summary (\$ 000's)	
Cost Item	Amount
City of Rialto	\$36,599
State - STIP	\$0
Federal - DEMO	\$0
Federal - IMD	\$0
Measure I	\$3,425
State - TCIF	\$0
Total	\$40,024

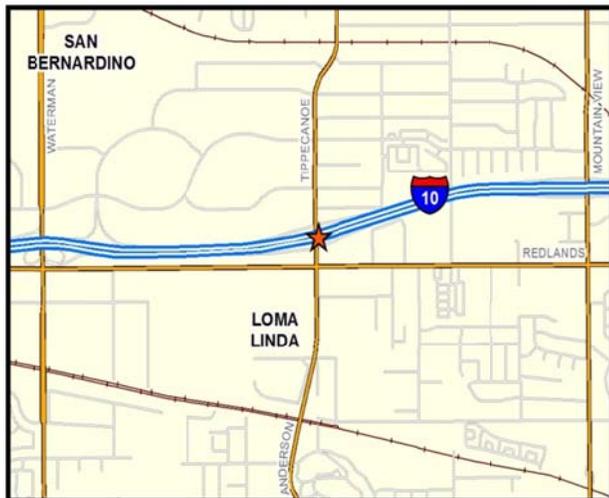
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Public/Media Contact: Tim Watkins (909) 884-8276
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I-10 AND TIPPECANOE AVENUE – PHASE I

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- The 4-year landscape maintenance project is ongoing.

Project Notes of Interest:

- Construction was completed in March 2014.
- The follow up four (4) year Establish Existing Planting (EEP) phase will be completed as part of the I-10/Tippecanoe PH II project.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	May 1997
Project Initiation Document (PID) Approved	Aug 2002
Environmental Clearance (PA/ED)	Jan 2011
Final Design Approved – (RTL)	Jan 2012
Construction Notice to Proceed	Aug 2012
Complete for Beneficial Use	Mar 2014
End of Project	[Aug 2019]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Project Report	\$1,866
Final Design	\$6,388
Construction	\$16,650
Totals	\$24,904

Funding Summary (\$ 000's)	
Cost Item	Amount
State - CMIA	\$10,000
Local - STPL	\$2,660
Measure I	\$12,244
Total	\$24,904

Lead Agency: SANBAG

Project Manager: Ghassan Dagher
(909) 884-8276
gdagher@sanbag.ca.gov

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

I-10 AND TIPPECANOE AVENUE – PHASE II

Map of Project:



Project Scope Summary:

This project will reconfigure the I-10 and Tippecanoe Avenue interchange.

Project Benefit:

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

Project Status and Continuing Activities:

The New westbound off ramp is scheduled to open in February, 2016.

Project Notes of Interest:

- Construction is approximately 51% complete.
- Contractor is grading for new westbound on ramp.
- Widening Anderson Street from the eastbound ramps to Court Street is ongoing.
- Utility relocation work is ongoing.
- Widening of Tippecanoe Avenue from westbound on and off ramps to Coulson is ongoing.

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	[Feb 2016]
End of Project	[Oct 2021]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Incl in Phase I
Final Design	\$2,532
ROW Certification	\$34,176
Landscape Maintenance	\$610
Construction	\$16,914
Totals	\$54,232

Funding Summary (\$ 000's)	
Cost Item	Amount
Federal	\$30,337
State – IIP	\$11,691
Local – IVDA	\$1,562
City of San Bernardino	\$1,562
City of Loma Linda	\$1,562
Measure I	\$7,518
Total	\$54,232

Lead Agency: SANBAG

Project Manager: Ghassan Dagher (909) 884-8276
gdagher@sanbag.ca.gov

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

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

Map of Project:



Project Scope Summary:

This project will reconfigure the interchange to provide four lanes in each direction on the I-15. The project also includes adding truck by-pass lanes and reconnecting Cajon Boulevard.

Project Benefit:

This project will reduce congestion at the bottleneck along the I-15 corridor, and improve local circulation through the reconnection of Cajon Boulevard.

Project Status and Continuing Activities:

- On-going right-of-way acquisition and utility relocation work.
- Detail design continuing
- Construction commenced in August 2013.

Project Notes of Interest:

Construction is approximately 90% complete.

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	[July 2016]
End of Project	[2017]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Incl in PA/ED
Project Report	\$10,295
Preliminary Engineering	\$6,580
ROW Certification	\$41,877
Utility Relocation	\$0
Construction	\$266,253
Total	\$325,005

Funding Summary (\$ 000's)	
Cost Item	Amount
Measure I (2010 – 2040) Cajon Pass	\$53,696
Measure I (Major Projects)	\$10,490
State – SHOPP	\$83,865
Federal- STP	\$65,708
Federal - DEMO	\$2,000
State - RIP	\$45,145
Federal IMD	\$3,341
CMIA	\$53,743
Private Utility Company	\$7,017
Total	\$325,005

Lead Agency:

Caltrans – Design Build
SANBAG implementing agency for right of way, utilities, and railroad.

Project Manager:

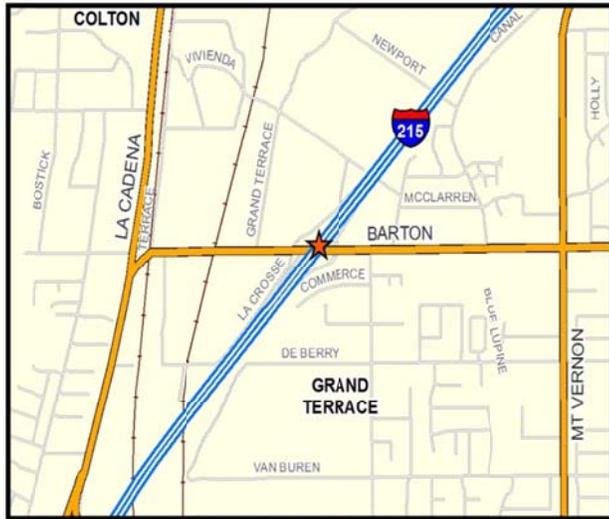
Dennis Saylor (909) 884-8276
dsaylor@sanbag.ca.gov

Public/Media Contact:

Tim Watkins (909) 884-8276
twatkins@sanbag.ca.gov

I-215 AND BARTON ROAD

Map of Project:



Project Scope Summary:

This project will reconstruct the interchange, including increasing the length of the structure to accommodate the ultimate mainline widening. This project also includes a round-about.

Project Benefit:

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

Project Status and Continuing Activities:

- Design and Right-of-Way (ROW) work is ongoing.
- Resolutions of Necessity hearings set to begin.
- The schedule and Opinion of probable Construction Cost (OPCC) meeting was held with the CM/GC, Caltrans and the Independent Construction Estimator (ICE).

Project Notes of Interest:

- Caltrans is leading the development of the Design Phase and ROW engineering.
- This interchange project was separated from the I-215 Corridor project. The Measure I funds are from the Freeway Program.
- The project was selected as one of six statewide projects to use the CM/GC delivery method. With this method, the contractor will assist Caltrans with design to improve constructability.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	June 2006
Project Initiation Document (PID) Approved	April 2007
Environmental Clearance (PA/ED)	Mar 2014
Final Design Approved – (RTL)	[Apr 2017]
Construction Notice to Proceed	[Sept 2017]
Complete for Beneficial Use	[July 2019]
End of Project	[June 2025]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Study Report	-Incl in PA/ED-
Project Report	\$3,954
Final Design	\$4,888
ROW	\$25,110
Construction	\$51,863
Totals	\$85,815

Funding Summary (\$ 000's)

Cost Item	Amount
Federal RIP	\$40,011
Federal - STP	\$10,632
Federal Section 112	\$1,980
Federal Section 115	\$501
Federal DEMO	\$6,480
Measure I	\$26,210
Total	\$85,815

Lead Agency: SANBAG

Project Manager: Andrea Nieto (909) 884-8276
 anieto@sanbag.ca.gov

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

SR-210 AND 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:

- Draft final design plans have been submitted to Caltrans for review.
- The project received environmental approval and the Right of Way acquisition process has been initiated.
- A Not Likely to Adversely Affect determination was issued by the United States Fish and Wildlife Service for impacts to the endangered San Bernardino Kangaroo Rat (SBKR).

Project Notes of Interest:

- The structure was completed with the freeway mainline. This project completes the ramps and other ancillary improvements.
- The project will include landscape construction and a one year plant establishment period starting after construction roadway improvements are complete, and will then be followed by a four-year plant maintenance program

Lead Agency: SANBAG

Project Manager: Paul Melocoton (909) 884-8276
pmelocoton@sanbag.ca.gov

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

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)	[June 2016]
Construction Notice to Proceed	[Jan 2017]
Complete for Beneficial Use	[Nov 2017]
End of Project	[Oct 2023]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Study Report	N/A
Project Report	\$1,250
Final Design	\$1,250
ROW Support	\$100
ROW Capital	\$3,905
Construction Support	\$1,994
Construction Capital	\$14,675
Total	\$23,770

Funding Summary (\$ 000's)

Cost Item	Amount
Measure I	\$10,639
Federal STP	\$13,131
Total	\$23,770

I-15/RANCHERO ROAD INTERCHANGE

Map of Project:



Project Scope Summary:

The project provides a new freeway interchange and connects Mariposa Road and Caliente Road by constructing an 8-lane overcrossing including turn lanes.

Project Benefit:

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

Project Status and Continuing Activities:

Project is 100% complete and in close out.

Project Notes of Interest:

- The City of Hesperia was the lead agency for the environmental, design, and right of way phases of this project.
- A fire on May 5, 2014 damaged the temporary falsework erected for the bridge. The damaged structure was removed and reconstruction is on-going.
- Bridge and ramps were opened for beneficial use on February 20, 2015.
- As of December 2015, Caltrans and the City of Hesperia have taken over maintenance of the facility.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Mar 2012
Project Initiation Document (PID) Approved	Jul 2006
Environmental Clearance (PA/ED)	Mar 2010
Final Design Approved – (RTL)	May 2012
Construction Notice to Proceed	Nov 2012
Complete for Beneficial Use	Feb 2015
End of Project	[Apr 2016]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Study Report	City Funded
Project Report	1,056
Final Design	\$4,129
ROW Support	City Funded
ROW Capital	\$9,204
Construction Support	\$7,700
Construction Capital	\$36,254
Total	\$58,343

Funding Summary (\$ 000's)

Cost Item	Amount
Federal (IM, IMD funds)	\$3,006
State (CMIA, STIP/RIP)	\$35,293
Local (Meas. I, SLPP, Hesperia)	\$20,044
Total	\$58,343

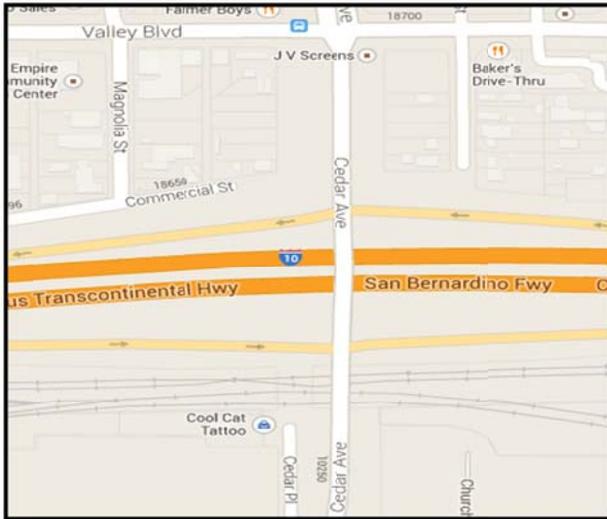
Lead Agency: SANBAG

Project Manager: Mike Barnum (909) 884-8276
mbarnum@sanbag.ca.gov

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

I-10 / CEDAR AVENUE INTERCHANGE

Map of Project:



Project Scope Summary:

Reconstruction of the interchange includes widening the I-10 overcrossing, widening Cedar Avenue from Bloomington Avenue to Slover Avenue, and adding lanes to the ramps.

Project Benefit:

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

Project Status and Continuing Activities:

- Caltrans has completed initial project survey and base maps for the preliminary design plans.
- Caltrans has initiated the preliminary geometric plans and structure designs.
- Project Development Team (PDT) and stakeholder meetings are ongoing.
- The County of San Bernardino Right-of-Way team is performing an initial review of the preliminary ROW requirements.

Project Notes of Interest:

- Caltrans will take the lead on the PS&E, and the County will lead the Right-of-Way phase of this project.
- Agreements are being negotiated between the County of San Bernardino and Caltrans.
- Subsequent agreements are being developed between the County and SANBAG for each phase.

Lead Agency: County of San Bernardino

Project Manager: Chad Costello (909) 884-8276
ccostello@sanbag.ca.gov

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

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Nov 2002
Project Initiation Document (PID) Approved (by others)	Mar 1997
Environmental Clearance (PA/ED)	July 2013
Final Design Approved – (RTL)	[Apr 2018]
Construction Notice to Proceed	[Dec 2018]
Complete for Beneficial Use	[Sept 2020]
End of Project	[Sept 2025]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Study Report	County
Project Report	\$1,200
Final Design	\$4,000
ROW Certification	\$12,200
Utility Relocation	\$0
Landscaping	\$0
CM and Construction	\$54,459
Total	\$71,859

Funding Summary (\$ 000's)

Cost Item	Amount
County	\$16,326
State - STP	\$4,200
Measure I	\$51,333
Total	\$71,859

I-10/PEPPER AVENUE INTERCHANGE

Map of Project:



Project Scope Summary:

The reconstruction of the interchange includes constructing a 5-lane bridge and intersection improvements.

Project Benefit:

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

Project Status and Continuing Activities:

- Federal authorization to proceed (E-76) was received and project was advertised for a construction contract.
- Project includes provisions for a federal pilot program for the Federal Highway Administration (FHWA) Local Labor Hiring Initiative.
- Approximately \$1.2M of State Trade Corridor Improvement Fund program (TCIF) funding was allocated to the project

Project Notes of Interest:

- Contract for construction services is anticipated to be awarded in January and construction Notice to Proceed in February 2016.
- Construction of a potable water pipeline is included in the construction contract to be paid for by the West Valley Water District.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	March 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	[Apr 2018]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	\$120
Final Design	\$440
Construction Support	\$1,639
Construction Capital	\$7,847
Total	\$10,046

Funding Summary (\$ 000's)	
Cost Item	Amount
City of Colton	\$787
Measure I	\$369
Federal - Demo	\$6,128
Federal - IMD	\$904
State - TCIF	\$1,158
By Others	\$700
Total	\$10,046

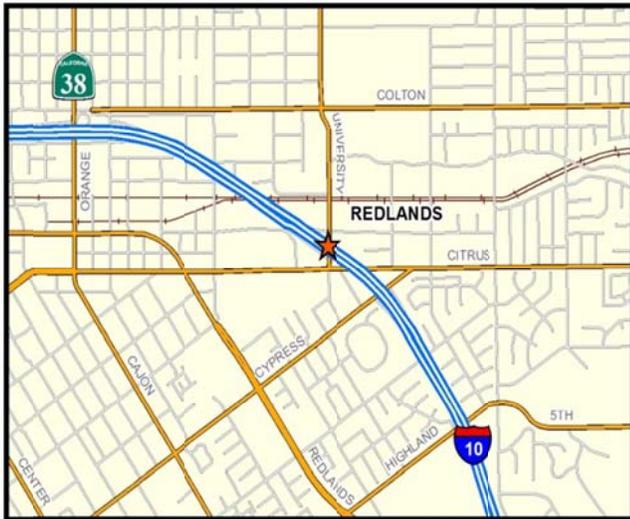
Lead Agency: SANBAG

Project Manager: Paul Melocoton (909) 884-8276
 pmelocoton@sanbag.ca.gov

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

I-10 / UNIVERSITY STREET INTERCHANGE

Map of Project:



Project Scope Summary:

The project will improve University Street at the I-10 interchange, between Citrus Avenue and Central Avenue, and also implement minor ramp widening, added 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:

- The Final Traffic Study Report has been reviewed and approved by Caltrans and the City of Redlands.
- Field investigation work and geotechnical borings have been completed.
- The environmental technical studies have been submitted for review.

Project Notes of Interest:

The interchange serves as the gateway for the University of Redlands and Redlands High School.

Lead Agency: SANBAG

Project Manager: Chad Costello 909 884-8276
ccostello@sanbag.ca.gov

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

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Dec 2014
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	[Feb 2016]
Final Design Approved – (RTL)	[Feb 2017]
Construction Notice to Proceed	[Oct 2017]
Complete for Beneficial Use	[Aug 2018]
End of Project	[Aug 2023]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Study Report	N/A
PEER/ED	\$200
Final Design	\$270
ROW	\$290
Construction	\$4,440
Total	\$5,200

Funding Summary (\$ 000's)

Cost Item	Amount
Measure I	\$4,187
City of Redlands	\$1,012
Total	\$5,200

I-15 BASE LINE ROAD INTERCHANGE

Map of Project:



Schedule Summary

Milestone	Actual [Forecast]
Start of Project	1999
Project Initiation Document (PID) Approved	Apr 2002
Environmental Clearance (PA/ED)	Nov 2011
Final Design Approved – (RTL)	Oct 2014
Construction Notice to Proceed	Aug 2014
Complete for Beneficial Use	[June 2016]
End of Project	[Feb 2017]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Project Report and Env Document	\$1,178
Final Design	\$4,630
ROW Support	\$7,200
Construction Capital	\$43,564
Total	\$56,572

Funding Summary (\$ 000's)

Cost Item	Amount
Federal – Bridge Disc	\$428
Federal – Demo SAFETEA-LU	\$3,600
Federal – IMD	\$3,754
State – SLPP	\$1,000
City of Rancho Cucamonga	\$28,069
Measure I	\$19,800
Total	\$56,572

Project Scope Summary:

The project will widen Base Line Road and East Avenue, reconfigure the north and south bound 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:

- Construction began on October 22, 2014.
- Project is 51% complete.
- Contractor is coordinating utility relocations on Base Line and East Avenue and installing retaining walls, forming and pouring bridge decks.

Project Notes of Interest:

The City of Rancho Cucamonga was the lead agency for the design phase and right-of-way acquisition. SANBAG is the lead on management of the construction phase of the project.

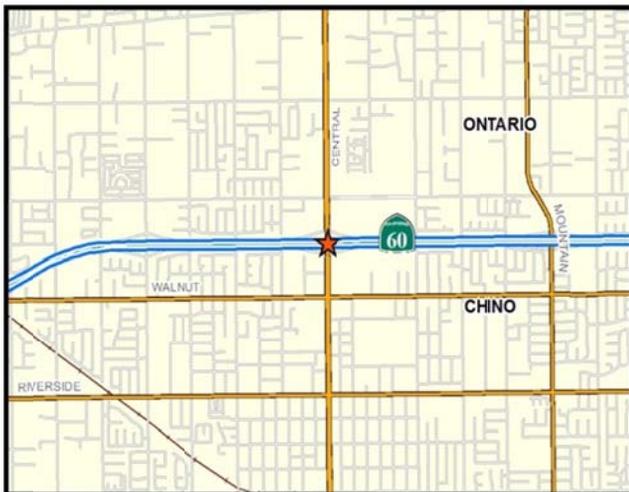
Lead Agency: SANBAG

Project Manager: Mike Barnum (909) 884-8276
mbarnum@sanbag.ca.gov

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

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 environmental and design services contract was approved by the Board in March 2015.
- A kick off meeting was held by the Project Development Team.

Project Notes of Interest:

The Project Development Team is evaluating the addition of a High Occupancy Vehicle (HOV) preferential lane on both on-ramps.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	May 2014
Project Initiation Document (PID) Approved	[Mar 2016]
Environmental Clearance (PA/ED)	[Mar 2017]
Final Design Approved – (RTL)	[June 2018]
Construction Notice to Proceed	[Jan 2019]
Complete for Beneficial Use	[May 2020]
End of Project	[May 2025]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Project Report and Env Document	\$957
Final Design	\$1,056
ROW/Utilities Capital	\$1,151
Construction Support	\$2,463
Construction Capital	\$13,956
Total	\$19,583

Funding Summary (\$ 000's)

Cost Item	Amount
Measure I	\$8,069
City of Chino	\$11,514
Total	\$19,583

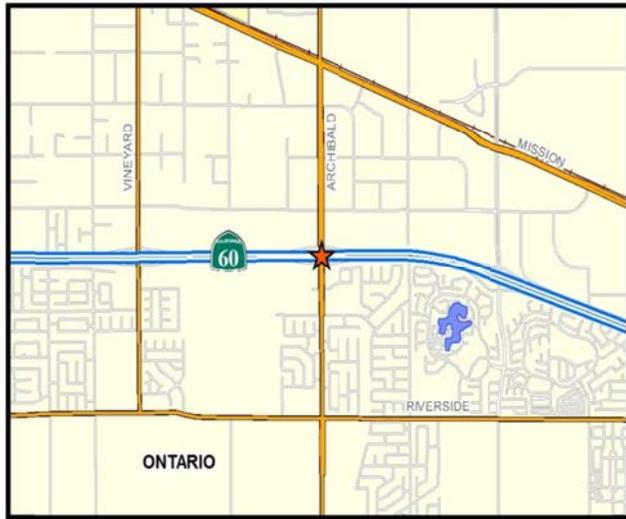
Lead Agency: Caltrans

Project Manager: Paul Melocoton (909) 884-8276
pmelocoton@sanbag.ca.gov

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

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:

- Traffic forecasting memo was approved by Caltrans.
- The PSR/PR is in development.

Project Notes of Interest:

This project is the ninth highest priority in the Measure I 2010-2040 Freeway Interchange Program.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	June 2015
Project Initiation Document (PID) Approved	[Mar 2016]
Environmental Clearance (PA/ED)	[Dec 2017]
Final Design Approved – (RTL)	[Feb 2018]
Construction Notice to Proceed	[July 2020]
Complete for Beneficial Use	[Jan 2022]
End of Project	[Aug 2022]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Project Report and Env Document	\$842
Final Design	\$938
ROW/Utilities	\$1,283
Construction	\$11,500
Landscape Maintenance	\$300
Total	\$14,563

Funding Summary (\$ 000's)

Cost Item	Amount
City of Ontario	\$9694
Measure I	\$4869
Total	\$14,563

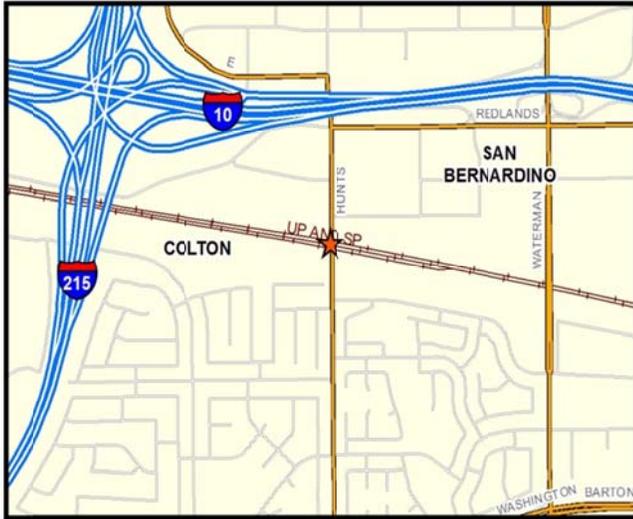
Lead Agency: SANBAG

Project Manager: Andrea Nieto (909) 884-8276
 anieto@sanbag.ca.gov

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

HUNTS LANE AND UNION PACIFIC RAILROAD

Map of Project:



Project Scope Summary:

This project will bridge Hunts Lane over the existing Union Pacific (UPRR) railroad tracks.

Project Benefit:

The bridge will provide uninterrupted flow for traffic. This will improve air quality and eliminate the delay at the existing grade crossing.

Project Status and Continuing Activities:

Claims resolution and project close-out activities are ongoing.

Project Notes of Interest:

- Bridge was open to traffic on October 30, 2014.
- Ribbon cutting ceremony was held on November 6, 2014.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	Oct 2001
Project Initiation Document (PID) Approved	Incl in PR
Environmental Clearance (PA/ED)	Aug 2007
Final Design Approved – (RTL)	Jan 2012
Construction Notice to Proceed	June 2012
Complete for Beneficial Use	Oct 2014
End of Project	[Dec 2015]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Final Design	\$3,219
ROW Certification	\$6,530
Construction	\$24,236
Total	\$33,985

Funding Summary (\$ 000's)	
Cost Item	Amount
Federal - DEMO	\$4,499
Federal - PNRS	\$3,158
CMAQ	\$7,895
State - CPUC	\$5,574
State - TCRP	\$10,363
UPRR Railroad	\$1,471
Measure I	\$1,025
Total	\$33,985

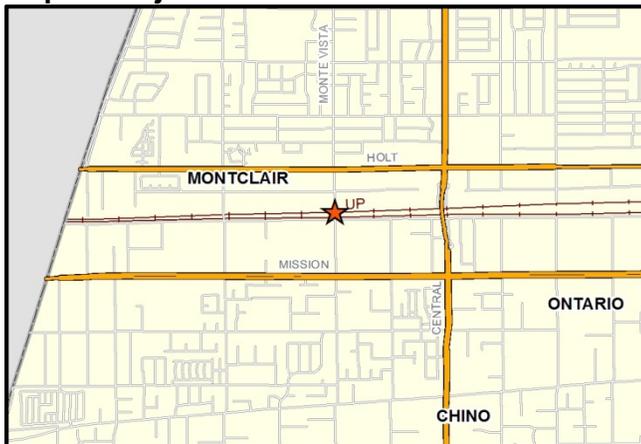
Lead Agency: SANBAG

Project Manager: Ghassan Dagher (909) 884-8276
gdagher@sanbag.ca.gov

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

MONTE VISTA AVENUE AND UNION PACIFIC RAILROAD

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Final design and right-of-way activities are underway and are being led by the City of Montclair.
- Procurement for Construction Management Services is underway by SANBAG.

Project Notes of Interest:

SANBAG will lead the construction phase.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	Apr 2001
Project Initiation Document (PID) Approved (by others)	
Environmental Clearance (PA/ED)	July 2013
Final Design Approved – (RTL)	[Mar 2016]
Construction Notice to Proceed	[Nov 2016]
Complete for Beneficial Use	[Feb 2018]
End of Project	[Dec 2018]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Project Report	
Final Design	
ROW Support	
ROW/Utilities Capital (Escalated)	
Construction Support	\$2796
Construction	\$16,805
Total	\$19,601

Funding Summary (\$ 000's)	
Cost Item	Amount
Federal – PNRS	\$12,460
State – TCIF	\$1,849
Measure I	\$1,365
Local	\$3,927
Total	\$19,601

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

Project Manager: Brian Smith (909) 884-8276
bsmith@sanbag.ca.gov

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

PALM AVENUE AND BNSF RAILROAD

Map of Project:



Project Scope Summary:

This project will grade separate Palm Avenue from the Burlington Northern Santa Fe (BNSF) railroad tracks.

Project Benefit:

This project will improve safety by eliminating the at grade crossing between Palm Avenue and the BNSF tracks and it will improve air quality and local circulation by eliminating delays at the existing crossing.

Project Status and Continuing Activities:

- Construction completed in August 2015.
- Relief of maintenance was granted to the contractor.
- The City of San Bernardino accepted responsibility for the project on September 11, 2015.

Project Notes of Interest:

The project has provided the public with a safer crossing of the BNSF tracks while eliminating delays due to train traffic.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Jan 2008
Project Initiation Document (PID) Approved	June 2009
Environmental Clearance (PA/ED)	July 2011
Final Design Approved – (RTL)	Mar 2013
Construction Notice to Proceed	Oct 2013
Complete for Beneficial Use	Dec 2014
End of Project	[Mar 2016]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Project Report	\$774
Final Design	\$2,024
ROW Support	\$541
ROW/Utilities Capital (Escalated)	\$8,314
Construction Support	\$2,134
Construction Capital (Escalated)	\$10,414
Total	\$24,201

Funding Summary (\$ 000's)

Cost Item	Amount
Federal – DEMO	\$1,440
Federal - CMAQ	\$3,925
Federal – PNRS	\$1,016
State – TCIF	\$3,284
City of San Bernardino	\$1,865
Measure I	\$2,681
BNSF Railroad	\$690
State - PUC	\$9,300
Total	\$24,201

Lead Agency: SANBAG

Project Manager: Tim Kirkley (909) 884-8276
tkirkley@sanbag.ca.gov

Public/Media Contact: Tim Watkins (909) 884-8276
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LENWOOD ROAD AND BNSF RAILROAD

Map of Project:



Project Scope Summary:

This project will bridge Lenwood Road over the existing Burlington Northern Santa Fe (BNSF) railroad tracks.

Project Benefit:

The project will improve operation by eliminating the vehicle delay at the existing at-grade crossing. Public safety and emergency response will be improved.

Project Status and Continuing Activities:

- The construction contract was awarded in December 2013.
- Construction is approximately 100% complete and in close-out.

Project Notes of Interest:

The project was awarded \$5 Million PUC funding in July 2014.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Oct 2008
Project Initiation Document (PID) Approved	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	[Apr 2016]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Study Report	N/A
Project Report	Incl in Design
Final Design	\$4,409
ROW Certification	\$5,131
Construction	\$21,376
Total	\$30,916

Funding Summary (\$ 000's)

Cost Item	Amount
Federal - DEMO	\$1,080
Federal - STP	\$12,339
Federal Section 125	\$238
State - TCIF	\$8,275
BNSF Railroad	\$1,036
County of San Bernardino	\$2,500
City of Barstow	\$1,995
Measure I	\$3,453
Total	\$30,916

Lead Agency: SANBAG

Project Manager: Hiep Bui 909 884-8276
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LAUREL STREET AND BNSF RAILROAD

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- The construction contract was awarded in September 2013.
- Project is approximately 75% complete.
- BNSF shoofly work was removed in October 2015.

Project Notes of Interest:

- The new BNSF Bridge was completed and trains began crossing in August 2015.
- The new 8th Street access bridge to Williams Furnace Company was opened on November 11, 2015.
- With the bridge completed, the contractor is proceeding with the excavation of the underpass, drainage box, and pump station structures.

Lead Agency: SANBAG

Project Manager: Jagdish Patel (909) 884-8276
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Schedule Summary

Milestone	Actual [Forecast]
Start of Project	Dec 2010
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	Jan 2012
Final Design Approved – (RTL)	May 2013
Construction Notice to Proceed	Sept 2013
Complete for Beneficial Use	[Aug 2016]
End of Project	[Aug 2017]

Budgetary Estimate Summary (\$ 000's)

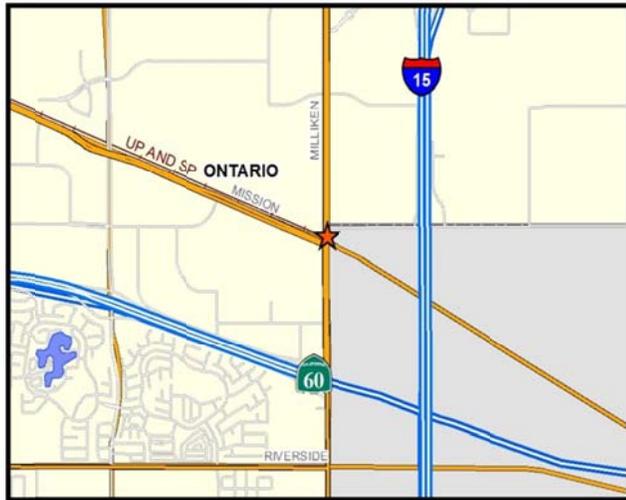
Cost Item	Amount
Study Report	N/A
Project Report	\$1,449
Final Design	\$3,208
ROW Support	\$409
ROW Capital	\$10,527
Construction Support	\$5,494
Construction Capital	\$43,202
Total	\$64,289

Funding Summary (\$ 000's)

Cost Item	Amount
Measure I	\$6,517
State - TCIF	\$23,543
State – TCRP	\$7,690
BNSF Railroads	\$9,628
UPRR Railroad	\$7,213
Local Funds –City of Colton	\$4,698
State - PUC	\$5,000
Total	\$64,289

SOUTH MILLIKEN AVENUE AND UNION PACIFIC RAILROAD

Map of Project:



Project Scope Summary:

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

Project Benefit:

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

Project Status and Continuing Activities:

- Traffic switch is complete.
- Retaining wall construction is complete.

Project Notes of Interest:

- The City of Ontario is the lead agency.

Schedule Summary

Milestone	Actual [Forecast]
Start of Project	July 2008
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	June 2010
Final Design Approved – (RTL)	Sept 2013
Construction Notice to Proceed	Feb 2014
Complete for Beneficial Use	[Dec 2016]
End of Project	[June 2018]

Budgetary Estimate Summary (\$ 000's)

Cost Item	Amount
Study Report	N/A
Project Report	\$750
Final Design	\$4,745
ROW Certification	\$5,220
Construction	\$66,100
Total	\$76,815

Funding Summary (\$ 000's)

Cost Item	Amount
State - SLPP	\$10,819
State - TCIF	\$25,052
Measure I	\$19,542
UPRR Railroads	\$3,835
Local Funds – City of Ontario	\$14,446
Local Funds –CCO Repay	\$3,121
Total	\$76,815

Lead Agency: SANBAG

Project Manager: Andrea Nieto (909) 884-8276
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VINEYARD AVENUE AND UNION PACIFIC RAILROAD

Map of Project:



Project Scope Summary:

This project will bridge the existing UPRR tracks over Vineyard Avenue.

Project Benefit:

This project will reduce congestion on Vineyard Avenue at the UPRR crossing.

Project Status and Continuing Activities:

- Traffic switch on Airport Boulevard is complete.
- Retaining wall construction is ongoing.
- Irrigation installation is in progress.

Project Notes of Interest:

The City of Ontario is the lead agency.

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

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	
Project Report	750
Final Design	4,035
ROW Certification	920
Construction	47,400
Total	53,125

Funding Summary (\$ 000's)	
Cost Item	Amount
Local (City of Ontario)	9,877
State - SLPP	14,071
State - TCIF	6,884
UPRR Railroad	3,618
Measure I	18,675
Total	53,125

Lead Agency: City of Ontario

Project Manager: Andrea Nieto (909) 884-8276
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COLTON QUIET ZONE

Map of Project:



Project Scope Summary:

The project improves the at-grade crossings at Valley Boulevard and Olive Street and eliminates two other at-grade crossings at E Street and H Street in order to establish a quiet zone within the City limits.

Project Benefit:

Project will significantly reduce train related noise by eliminating the requirement for trains to sound their horns while traveling through the City of Colton.

Project Status and Continuing Activities:

Construction was completed in June 2015 and the Quiet Zone No-Horn rule is now in effect.

Project Notes of Interest:

This is an ancillary project to the Colton Crossing package.

Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	Sept 2010
Project Initiation Document (PID) Approved	N/A
Environmental Clearance (PA/ED)	June 2011
Final Design Approved – (RTL)	Oct 2011
Construction Notice to Proceed	April 2014
Complete for Beneficial Use	June 2015
End of Project	Dec 2015

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	N/A
Project Report	\$193
Final Design	\$170
ROW	\$5
Construction Support	\$136
Construction	\$2,738
Total	\$3,242

Funding Summary (\$ 000's)	
Cost Item	Amount
Measure I	\$3,142
BNSF Railroad	\$100
Total	\$3,242

Lead Agency: City of Colton

Project Manager: Paul Melocoton (909) 884-8276
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