MAJOR PROJECTS

Quarterly Project Status Briefing

July 2007 Through September 2007



MAJOR PROJECTS

Quarterly Project Status Briefing

July 2007 Through September 2007



Disclaimer

The Quarterly Major Projects Status Briefing publication (the report) is prepared by SANBAG's Program Management Consultant, Fluor Enterprises, Inc.; it is intended to be used to communicate project information between SANBAG staff and the SANBAG Board. The information contained in the report may change considerably from publication to publication and should not be used in any manner other than the report's intended use.

MAJOR PROJECTS – PROJECT STATUS BRIEFING (Phase Status as of September 2007)

Page <u>No</u> .	Project Name	<u>Phase</u>	<u>Corridor</u>
1 2 3 4	Project Location Maps Mainline Projects Segment Projects Interchange Projects Grade Separation Projects		
5 6 7	Mainline Projects I-10 HOV Extension I-215 Widening - Bi-County SR 210 Freeway Extension	Environmental Planning Construction	I-10 Corridor I-215 Corridor SR-210 Corridor
8 9 10 11 12	Segment Projects I-10 Widening – Redlands I-10 Westbound Widening I-215 Widening – Central I-215 Widening - "Early" I-215 Widening – South	Construction Design & ROW Design & ROW Construction Design & ROW	I-10 Corridor I-10 Corridor I-215 Corridor I-215 Corridor I-215 Corridor
13 14 15 16 17 18 19	Interchange Projects I-10 and Live Oak Canyon I-10 and Riverside Avenue I-10 and Tippecanoe I-15 and I-215 Expansion (Devore) I-215 and Barton Road I-215 and Mt Vernon/Washington I-215 and SR 210 Connector	Construction Environmental Environmental Planning Environmental Planning Environmental	I-10 Corridor I-10 Corridor I-10 Corridor I-15 & I-215 Corridors I-215 Corridor I-215 Corridor I-215 & SR-210 Corridors
20 21 22 23	Grade Separation Projects Colton Crossing (UP and BNSF RR) Hunts Lane and UP RR Ramona Avenue and UP RR State/University and BNSF RR	Environmental Environmental Design & ROW Construction	Heavy Rail Corridor Local Streets Local Streets Local Streets

PROJECT STATUS BRIEFING -DEFINITIONS-

- 1 Complete for Beneficial Use =Satisfactory completion of the project's stated purpose to allow public use of facilities without restrictions
- 2 Construction = Project phase after Construction NTP and before Project Complete-Contract Close
- 3 Design & ROW = Project phase after Project Report (PR) Approval and before Construction NTP
- 4 Design (PS&E) = Development of the final Plans, Specifications and Estimates for use in bidding the construction
- 5 "Early" = Work along a Mainline or Segment that is performed first to assist execution of a major project
- 6 Environmental = Project phase after Project Study Report (PSR) Approval and before Project Report (PR) Approval. Includes development of Project Approval (PA) documentation and Environmental Documents (ED)
- 7 Grade Separation = Work to change elevations of road and/or rail intersections to expedite traffic flow
- 8 HOV = High Occupancy Vehicle (i.e. car pool)
- 9 Interchange = Connectors between Interstates and/or major roads
- 10 Interstate Highway = Federally monitored high speed roads
- 11 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.)
- Planning = Project phase after Start of Project and before Project Study Report (PSR)
 Approval
- Preliminary Engineering =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.
- 15 Project Complete Contract Close = Final completion of all construction activities and formal close-out of construction contracts
- 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 Study Report (PSR) = Report documenting the early definition of a project used to determine viability of proceeding with Preliminary Engineering and Environmental approvals.
- 18 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.
- 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
- 21 Start of Project = Board action to begin procurement of Planning phase activities
- Utility Relocation = Modification of any and 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 BRIEFING

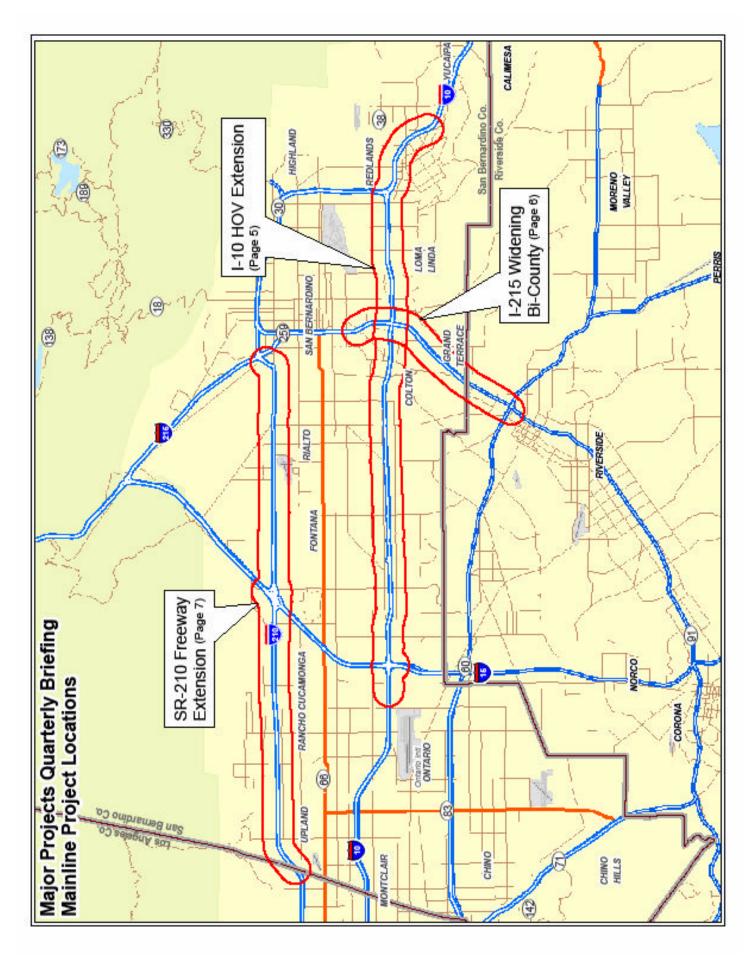
-FUNDING PROGRAM DESCRIPTIONS-

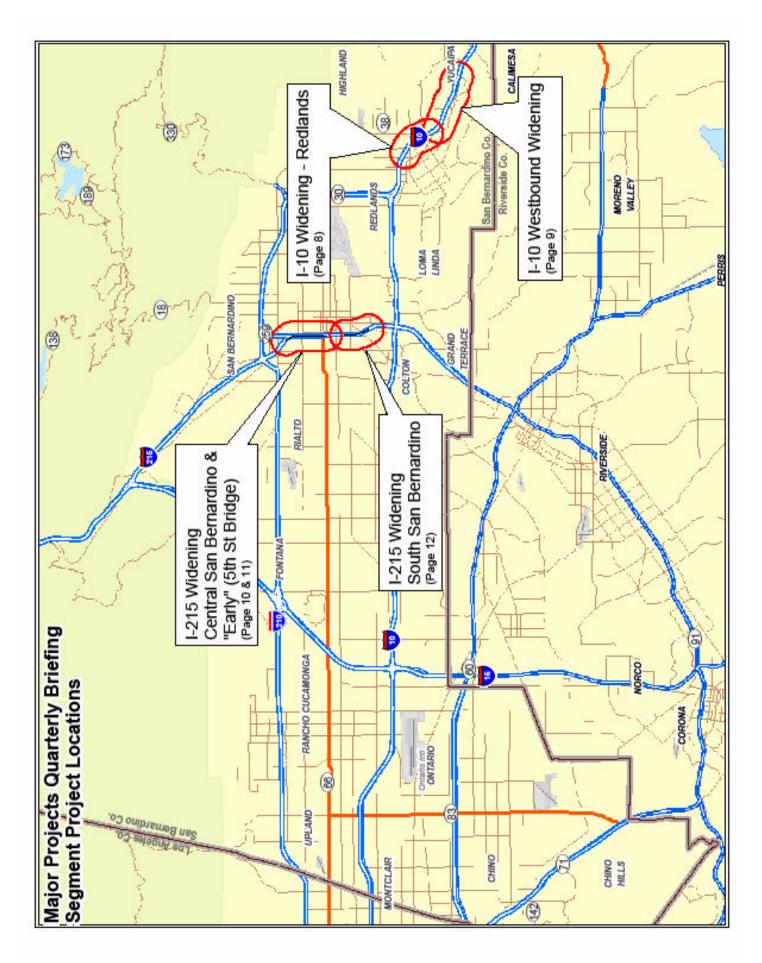
FEDERAL

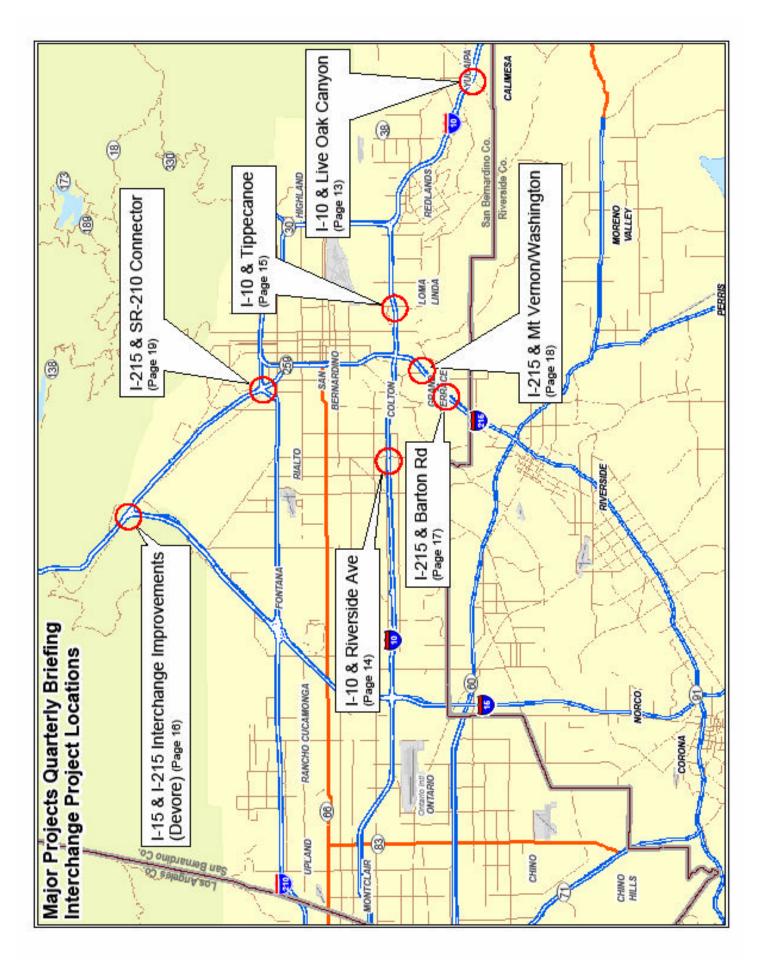
- CMAQ Congestion Mitigation & air Quality Program
- STP Surface Transportation Program
- TEA Transportation Enhancement Activity
- DEMO Demonstration Project
- PNRS Project of National & Regional Significance
- IMD Interstate Maintenance Discretionary
- SAFETEA LU Safe, Accountable, Flexible, Efficient Transportation Equity Act

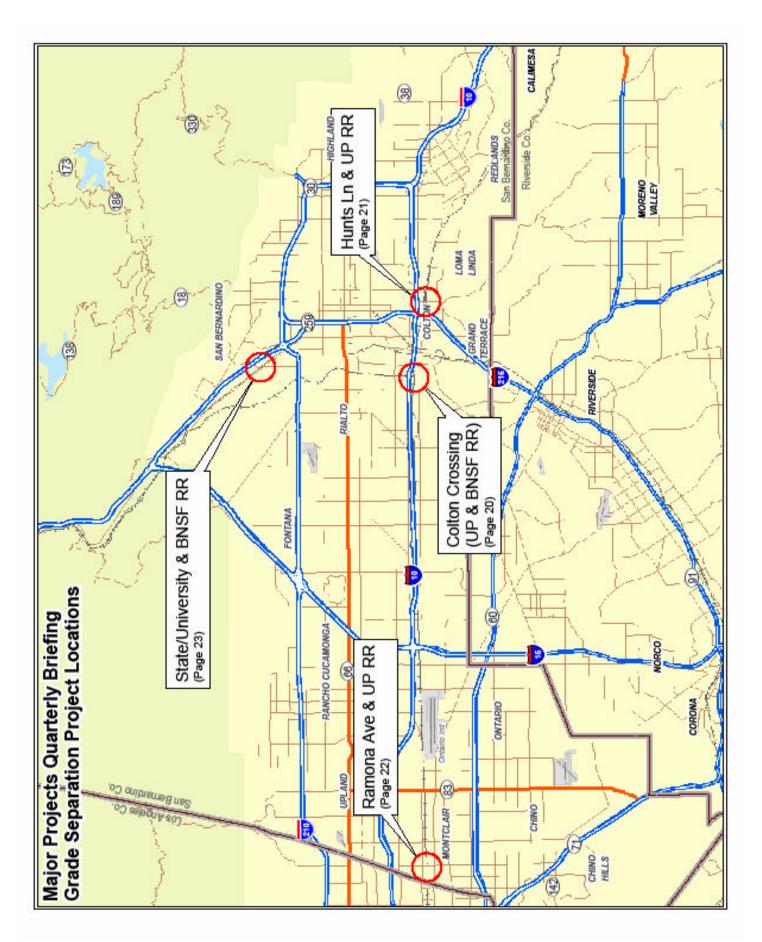
STATE

- 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









I-10 Corridor Type: Mainline

I-10 High Occupancy Vehicle (HOV) Extension

Map of Project:



Schedule Summary		
Milestone	Actual [Forecast]	
Start of Project	2005	
Study Report Approved	Dec 2006	
PA/ED Approved	[Sept 2010]	
Design Approved - ROW Certified	[2014]	
Construction Notice to Proceed	[2015]	
Complete for Beneficial Use	[2018]	
Project Complete – Contract Close	[2020]	

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Caltrans -
Project Report	\$10,500
Final Design	\$30,000
ROW Certification	\$6,500
Utility Relocation	- Incl in ROW -
Construction	\$1,180,642
Total	\$1,227,642

Funding Summary (\$ 000's)	1
Funding Source	Amount
Measure I - For PA/ED	\$10,500
Future Fed, State, Local	\$1,217,142
Total	\$1,227,642

Project Scope Summary:

 This project is to add one HOV (i.e., "carpool") lane in each direction on I-10 from Haven Avenue in Ontario to Ford Street in Redlands. Note: Haven Avenue is the eastern limit of the existing I-10 HOV lanes.

Project Status and Continuing Activities:

- The Project Approval and Environmental Document contract was awarded at the July 2007 SANBAG Board meeting.
- Notice to Proceed was issued July 17, 2007 to consultant.
- Project kick-off meeting with Caltrans Deputy District Directors was held on Aug. 6, 2007.
- Project "focus" meetings on surveying, traffic & Environmental as well as project development team (PDT) meetings have started.
- Work on data collection and traffic modeling has started.

Project Notes of Interest:

- The cost estimate values (except PA/ED) are based on information from the SANBAG 2010-2040 Strategic Plan and are in "2006/07" dollars, which do not account for future escalation of costs
- Funding for final design, right of way and construction still must be identified and secured. Measure I 2010-2040 is the only currently identified fund source.

Issues Being Worked:

 A Cooperative Agreement with Caltrans is being developed and needs to be in place by the end of 2007 or the project schedule will be impacted.

Primary Project Contact: Abunnasr Husain (909) 884-8276

ahusain@sanbag.ca.gov

Active Phase: Planning

I-215 Corridor Type: Mainline

I-215 Widening – Bi-County

Map of Project:



Schedule Summary		
Milestone	Actual [Forecast]	
Start of Project	May 2003	
Study Report Approved	-Incl in PA/ED-	
PA/ED Approved	[2011]	
Design Approved - ROW Certified	[2016]	
Construction Notice to Proceed	[2016]	
Complete for Beneficial Use	[2020]	
Project Complete – Contract Close	[2021]	

Budgetary Estimate Summary (\$ 000's)		
Cost Item	Amount	
Study Report	-Incl in PA/ED-	
Project Report	\$11,500	
Final Design	\$44,990	
ROW Certification	\$750,000	
Utility Relocation	-Incl in Cons tr-	
Construction	\$545,510	
Total	\$1,352,000	

Funding Summary (\$ 000's)	1
Funding Source	Amount
Measure I	\$765,000
RCTC	\$587,000
Total	\$1,352,000

Project Scope Summary:

- This project will widen the I-215 corridor between the 60/91/215 interchange (located in Riverside County) and the Orange Show Road interchange (located in San Bernardino County). The improvements will widen the existing freeway to meet approved traffic projections. At this time, it is anticipated the existing three general purpose lanes in each direction will be increased to four general purpose lanes and one car pool lane in each direction ("4/1").
- These improvements will require major reconstruction of the interchanges along this section of the F215 corridor. Refer also to the "I-215 and Barton Road" and "I-215 and Mt. Vernon/Washington" projects.

Project Status and Continuing Activities:

- SANBAG and the Riverside County Transportation
 Commission (RCTC) entered into a Cooperative Agreement in
 May 2003 to share the cost of this project (75% SANBAG, 25%
 RCTC) through Project Approval/Environmental Document.
- The consultant contracts are being amended to include the revised scope (PSR/PA/ED) and schedule of this project. The Major Projects Committee approved the amendments in September 2007; SANBAG Board approval is expected in October 2007.
- The current focus of activities involve the Traffic Volumes Report to substantiate the "4/1" concept for this project. The traffic report volumes are under review by Caltrans with approval anticipated in October 2007. Consultant efforts have progressed as far as possible until such time as the traffic report volumes are approved by Caltrans and concurred by FHWA.

Project Notes of Interest:

- The cost estimate values are all estimated in "2006/07" dollars and do not account for future escalation of costs.
- Funding for final design, right of way and construction still must be identified and secured.

Issues Being Worked:

- It is assumed that the Traffic Volumes Report will substantiate adequate level of service for a "4/1" concept. If a "5/1" or "6/1" concept is required to provide minimum level of service the project cost will increase significantly.
- Funding for future project phases is not included in the RCTC 10 year funding plan. The project is however in the RCTC Strategic Plan.

Primary Project Contact: Gilbert Betancourt

(909) 884-8276

gbetancourt@sanbag.ca.gov

SR-210 Corridor

Type: Mainline

SR-210 Freeway Extension (Segments 9, 10, 11)

Map of Project:



Schedule Summary		
Milestone	Actual [Forecast]	
Start of Project	1980	
Study Report Approved	Caltrans	
PA/ED Approved PA/ED Re-evaluation (for 9,10,11)	1996 2004	
Design Approved – ROW Certified	April 2004	
Construction Notice to Proceed	January 2005	
Complete for Beneficial Use	July 2007	
Project Complete – Contract Close	[2008]	

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Caltrans
Project Report	Caltrans
Final Design	\$23,829
ROW Certification	Caltrans
Utility Relocation	Caltrans
Construction	\$207,969
Totals	\$231,798

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - STP	\$1,393
- CMAQ	\$19,034
- TEA	\$2,000
State - RIP	\$77,392
- LLP/IIP	\$3,863
Coop Agreements	\$9,492
Measure I	\$118,624
Total	\$231,798

Project Scope Summary:

- NOTE: Segment 1 through Segment 8 are complete and are not included in this Project Data Sheet.
- This project extends the existing SR-210 freeway from the Los Angeles-San Bernardino County line (Segment 1) to the I-215 (Segment 11) with three general purpose lanes and one HOV (i.e. "car pool") lane in each direction (see also the "I-215 and SR-210 Connector" project).
- Major infrastructure improvements along this portion of the mainline include the following:
 - Four interchanges Ayala Drive, Riverside Avenue, Pepper Avenue (future) and State Street.
 - Ten new bridge structures
 - Four existing bridge widenings
 - Extensive sound wall, retaining wall and slope paving work
 - Major storm drain improvements at State Street
 - Cactus Channel improvements from Sierra to Ayala

Project Status and Continuing Activities:

- The freeway was opened to traffic as of July 24, 2007.
- The remaining construction items such as drainage, street improvement work and contract change order items are expected to be completed by the end of October 2007.
- The endangered species (Kangaroo Rat) fence was installed in August 2007.
- Restoration/Re-vegetation efforts for environmentally sensitive areas in Lytle Creek will be performed by Caltrans.

Project Notes of Interest:

 SR-210/I215 high speed connectors were delayed due to impacts associated with fault rupture. See the "I-215 and SR-210 connector" project for more information.

Issues Being Worked:

None.

Primary Project Contact: Steve Yench

(909) 875-6029 x211

stepheny@cm4sanbag.com

I-10 Corridor Type: Segment

I-10 Widening – Redlands

Map of Project:



Schedule Summary		
Milestone	Actual [Forecast]	
Start of Project	June 1998	
Study Report Approved	Aug 1999	
PA/ED Approved	March 2005	
Design Approved - ROW Certified	May 2005	
Construction Notice to Proceed	October 2005	
Complete for Beneficial Use	[Jan 2008]	
Project Complete – Contract Close	[2009]	

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Caltrans
Project Report	\$591
Final Design	\$3,875
ROW Certification	\$0
Utility Relocation	\$0
Construction	\$53,425
Totals	\$57,891

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - CMAQ	\$3,602
- STP	\$28,770
State - TCRP	\$10,000
Measure I	\$15,519
Total	\$57,891

Project Scope Summary:

- This project will widen I-10 by adding one general purpose lane in each direction between Orange Street and Ford Street. The current I-10 median will be used to add the lane. This project requires the following work:
 - At the eleven current bridge locations, additional deck and supports will be built in the median area between the existing eastbound and westbound bridge structures
 - The outside edge (shoulder) of all existing bridges will be retrofitted to provide new barrier rail and sound walls.
 - Multiple freeway signs will be replaced.
- The project is completely within the City of Redlands.

Project Status and Continuing Activities:

- As of September 2007, construction is approximately 90% complete with most of the retrofit construction complete.
- The construction contractor has mobilized an additional crew and is working at various locations along the freeway to complete concrete barrier and sound wall construction.

Project Notes of Interest:

- For this project, there are no right-of-way or utility relocation requirements.
- The pavement operations required more time than initially anticipated and the project is approximately two months behind schedule.

Issues Being Worked:

None

Primary Project Contact: Andrea Nieto

(951) 712-0204 (cell) andrean@cm4sanbag.com

I-10 Corridor Type: Segment

I-10 Westbound Widening

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 2004
Study Report Approved	- Incl in PR -
PA/ED Approved	July 2007
Design Approved - ROW Certified	[Oct 2009]
Construction Notice to Proceed	[2009]
Complete for Beneficial Use	[2011]
Project Complete – Contract Close	[2011]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Incl in PR -
Project Report	\$1,000
Final Design	\$4,000
ROW Certification	\$311
Utility Relocation	\$0
Construction	\$37,875
Totals	\$43,186

Funding Summary (\$ 000's)	
Funding Source	Amount
State - CMIA - construction	\$26,500
Measure I	\$16,686
Total	\$43,186

Project Scope Summary:

- This project will add a general purpose lane to westbound F10 from Live Oak Canyon Road in Yucaipa to Ford Street in Redlands
- To add this lane and maintain proper traffic sight distances, an extensive "cut back" of the hillside north of the freeway between Yucaipa Boulevard and Wabash Avenue is required. A major retaining wall will stabilize the altered hillside.
- The project does not affect any of the current bridge structures and no ramp or interchange improvements are included in the project scope.

Project Status and Continuing Activities:

- Caltrans approved Geometric Approval Drawings and associated design exceptions in July 2007.
- On July 24, 2007 an engineering consultant was selected to provide a plans, specifications and estimates (PS&E) package.
 The Contract was approved at the September 2007 SANBAG Board meeting. PS&E kick-off is scheduled for October.

Project Notes of Interest:

- Right of way only includes the necessary temporary construction easements costs. No permanent land takes are required
- Construction costs are reflective of the construction timing ("2010/11" dollars).

Issues Being Worked:

None

Primary Project Contact: Lisa DaSilva (909) 884-8276

ldasilva@sanbag.ca.gov

I-215 Corridor Type: Segment

I-215 Widening – Central San Bernardino

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 1988
Study Report Approved	Caltrans
PA/ED Approved	June 1992
PA/ED Re-evaluation Approved	Dec 2005
Design Approved - ROW Certified	[Mar 2009]
Construction Notice to Proceed	[July 2009]
Complete for Beneficial Use	[2013]
Project Complete – Contract Close	[2014]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Caltrans -
Project Report	- Caltrans -
Final Design	\$26,792
ROW Certification	\$62,192
Utility Relocation	\$4,000
Construction	\$314,482
Totals	\$407,466

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - CMAQ	\$67,256
- STP	\$47,118
- DEMO	\$2,063
- PNRS	\$7,524
State - RIP	\$201,491
- TCRP	\$5,517
- CMIA	\$49,120
Measure I	\$27,377
Total	\$407,466

Project Scope Summary:

- This project will improve traffic operations along I-215 between (approximately) Rialto Avenue and (approximately) Massachusetts Avenue. The following operational improvements will be performed:
 - Add one car pool lane in each direction.
 - Add one general use lane in each direction.
 - Reconfigure ramps at the 2nd Street, 5th Street, Baseline Street and SR-259 interchanges.
 - Build/Replace 16 bridge structures.
 - Widen two existing bridge structures.
 - Provide additional through (auxiliary) lanes.
 - Add local (frontage) road from 2nd Street to 3rd Street in each direction.
- See the "I-215 Widening 'Early' (5th Street Bridge)" Project for additional information.

Project Status and Continuing Activities:

- This project was previously being designed in two separate construction packages due to funding restrictions. Now, funding is available to combine the two separate packages into one package. The SANBAG Board approved the recommended change at the May 2007 meeting.
- The Final Design (plans, specifications & estimate) remains at 95% for the project due to the continuing effort to combine the original two construction packages. Design of the other half of this project will be 95% complete by December 2007 and then both will be combined together. The combined final design is forecasted to be submitted for final approval in 2008.
- Right of Way 51 of 156 land parcels have been acquired.
 Efforts are continuing to obtain balance of land requirements
- The agreements with Burlington Northern Santa Fe for the widened crossing and structures are being developed, and approval is expected by November 2008.

Project Notes of Interest:

- This project is adjacent to the "I-215 Widening South San Bernardino" project and the construction schedules for each will overlap.
- SANBAG is managing the design and construction.
- Caltrans is administering the right of work for this project.

Issues Being Worked:

Many land parcels are still required to be acquired. The
construction start date is dependent upon timely possession of
this right of way. In some cases, the State's new condemnation
laws are impacting right of way acquisition.

Primary Project Contact: Dennis Saylor

(909) 884-8276

dsaylor@sanbag.ca.gov

I-215 Corridor Type: Segment

I-215 Widening - "Early" (5th Street Bridge)

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 1988
Study Report Approved	Caltrans
PA/ED Approved	June 1992
PA/ED Re-evaluation Approved	Dec 2005
Design Approved - ROW Certified	June 2006
Construction Notice to Proceed	January 2007
Complete for Beneficial Use	[August 2009]
Project Complete – Contract Close	[2010]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Caltrans -
Project Report	- Caltrans -
Final Design	- Caltrans -
ROW Certification	\$40
Utility Relocation	- Caltrans -
Construction	\$24,203
Totals	\$24,243

Funding Summary (\$ 000's)	
Funding Source	Amount
State - TCRP	\$19,483
BNSF	\$1,246
Measure I	\$3,514
Total	\$24,243

Project Scope Summary:

- This project replaces the existing 5th Street bridge with a wider and longer structure over the existing I-215 freeway and Burlington Northern Santa Fe (BNSF) railroad tracks. This project is being executed in preparation for the "I-215 Widening – Central San Bernardino" project, which adds lanes along I-215
- Completion of this project will not immediately improve traffic capacity. However, it will accommodate the future traffic from the proposed I-215 "on/off" ramps.
- This project modifies the intersections with 5th Street at "H" Street and "J" Street.

Project Status and Continuing Activities:

- Construction is approximately 40% complete.
- Relocation of the cable utilities (Verizon) is complete.
- Work on the storm drains at the intersection of "H" and 5th Street is continuing.
- The reconfiguration of the projects' eastern intersection ("H" and 5th Street) has started and will continue for several months. Work is being performed on weekends to minimize the impact to traffic.
- The first of the two bridges to be built is almost complete. The remaining activities for this first bridge ("north bridge") include stripping the forms and removing the false work.
- Two-way traffic is continuing along 5th Street during construction.

Project Notes of Interest:

- The railroad has the right to not allow any construction work over their tracks during October, November and December per agreement.
- Measure I funding will be used for construction support and for any construction costs over the \$25 million Traffic Congestion Relief Program funding limit.
- Demolition plans are scheduled to be submitted by the end of October. Plan approval is anticipated (first Caltrans then BNSF) by February 2008.

Issues Being Worked:

None

Primary Project Contact: Andrea Nieto

(951) 712-0204 (cell) andrean@cm4sanbag.com

I-215 Corridor Type: Segment I-215 Widening – South San Bernardino

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 1988
Study Report Approved	Caltrans
PA/ED Approved PA/ED Re-evaluation Approved	June 1992 Dec 2005
Design Approved - ROW Certified	April 2007
Construction Notice to Proceed	[Nov 2007]
Complete for Beneficial Use	[Nov 2010]
Project Complete – Contract Close	[2011]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Caltrans -
Project Report	- Caltrans -
Final Design	\$9,000
ROW Certification	\$37,229
Utility Relocation	\$13,000
Construction	\$133,094
Totals	\$192,323

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - CMAQ	\$23,176
- STP	\$29,307
- PNRS	\$23,607
State - RIP	\$114,870
Measure I	\$1,363
Total	\$192,323

Project Scope Summary:

- This project will improve traffic operations along I-215 between (approximately) Rialto Avenue and (approximately) Orange Show Road. The following operational improvements will be performed:
 - Add one HOV (i.e. "car pool") lane in each direction.
 - Add one general use lane in each direction.
 - Reconfigure ramps at the Inland Center Drive, Mill Street and Orange Show Road interchanges.
 - Build/Replace six bridge structures.
 - Widen two existing bridge structures.
 - Provide additional through (auxiliary) lane between 2nd
 Street and Mill Street.
 - Add local (frontage) road from Inland Center Drive to Mill Street in each direction.

Project Status and Continuing Activities:

- Advertisement of the construction bid package was published July 9, 2007 and the bids were opened September 20, 2007.
- Six bids were received from prime contractors.
- Construction contract award by Caltrans is anticipated in October 2007.
- It is anticipated the SANBAG Board will approve the construction contract in November 2007.

Project Notes of Interest:

- This project is adjacent to the I-215 Widening Central San Bernardino project, and the construction schedules for each will overlap.
- Caltrans is responsible for design, right of way acquisition and construction with reimbursement by SANBAG using authorized funding sources.
- SANBAG will also pay for prorated utility relocations as determined by utility agreements.

Issues Being Worked:

- Prior to construction, several buildings require demolition
- Currently 31 properties are in condemnation, and the current right of way certification cost estimate may be impacted.

Primary Project Contact: Dennis Saylor

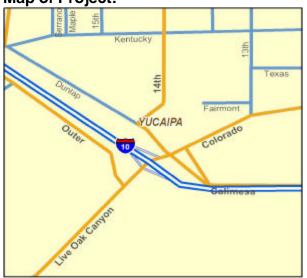
(909) 884-8276

dsaylor@sanbag.ca.gov

I-10 Corridor Type: Interchange

I-10 and Live Oak Canyon Road

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	June 1995
Study Report Approved	-Incl in PR -
PA/ED Approved	Sept 1998
Design Approved - ROW Certified	May 2007
Construction Notice to Proceed	Sept 2007
Complete for Beneficial Use	[Dec 2009]
Project Complete – Contract Close	[2010]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Incl in PR -
Project Report	\$150
Final Design	\$1,969
ROW Certification	\$2,771
Utility Relocation	\$490
Construction	\$15,515
Totals	\$20,895

Funding Summary (\$ 000's)	
Funding Source	Amount
State - TCRP	\$9,679
City of Yucaipa	\$10,916
Measure I	\$300
Total	\$20,895

Project Scope Summary:

- This project will widen and realign the I-10 and Live Oak Canyon Road interchange. Specifically, this project will provide the following operational improvements:
 - Reconstruct the road between Calimesa Boulevard and Outer Highway South.
 - Replace current two-lane bridge with a new five-lane bridge.
 - Eastbound and westbound ramps will be widened and realigned, and traffic signals will be installed.
- This project is completely within the city boundary of Yucaipa.

Project Status and Continuing Activities:

- Notice to Proceed was given to the construction contractor on September 4, 2007.
- Cable wiring located inside the existing bridges was relocated aerially (temporary).
- Traffic lanes have been restriped on the bridge in conformance with Construction Plans.
- Project groundbreaking ceremony was held in Yucaipa on September 28, 2007.

Project Notes of Interest:

- During the design phase, work was halted because the Traffic Congestion Relief Program (TCRP) funding for all projects was suspended from 2002 to 2005.
- The City of Yucaipa participated in the cost to finalize the design of the project, complete the right of way requirements, and construction of the interchange.
- SANBAG and the City of Yucaipa are working closely to monitor all construction and construction management costs.

Issues Being Worked:

None.

Primary Project Contact: Gary Shippy

(909) 949-8800

GaryS@cm4sanbag.com

I-10 Corridor Type: Interchange

I-10 and Riverside Avenue

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	1995
Study Report Approved	March 1997
PA/ED Approved	May 1999
PA/ED (Reexamined) Approval	[Nov 2007]
Design Approved - ROW Certified	[June 2008]
Construction Notice to Proceed	[Sept 2008]
Complete for Beneficial Use	[Sept 2009]
Project Complete – Contract Close	[2010]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Rialto -
Project Report	- Rialto -
Final Design	\$1,885
ROW Certification	\$2,470
Utility Relocation	- Incl in ROW -
Construction	\$29,645
Totals	\$34,000

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - Demo	\$2,251
- IMD	\$3,343
State - STIP	\$1,452
Local (City RDA Bonds)	\$26,954
Total	\$34,000

Project Scope Summary:

- This project will replace the existing five-lane Riverside Avenue bridge over I-10 with a nine-lane bridge and provide the following improvements:
 - Five northbound lanes (three through lanes, two left turn lanes) and four southbound lanes (two through lanes, two left turn lanes)
 - One additional lane will be added to all four "on/off" ramps.
 - Provide underneath clearance for ultimate I-10 High Occupancy Vehicle (HOV) requirements (see "I-10 HOV Extension" project).
 - Add lanes and provide safety improvements on Riverside Avenue between the interchange and Valley Boulevard.

Project Status and Continuing Activities:

- This project was initiated by the City of Rialto. SANBAG assumed the project management responsibilities by execution of a Cooperative Agreement with the City in December 2005.
- Multiple cooperative agreements are being developed between SANBAG, Caltrans, County of San Bernardino and the City of Colton to define responsibilities and activities during construction, including impacts of detour traffic.
- The 100% plan submittal was made in July 2007. Comments have been received. A revised submittal will be made in October 2007.
- Right of way requirements have been identified; however acquisition cannot begin until the project is cleared environmentally. Caltrans completed their review of the environmental documentation and a re-submittal was made in August 2007.

Project Notes of Interest:

- In 2002 due to a three year lapse since PA/ED approval the environmental document had to be reexamined. During this time the habitat for the Delhi Sands Fly was identified as an issue throughout the I-10 corridor; requiring an upgraded environmental document.
- To effectively manage the construction contract, an escrow account will be established by the city prior to construction.

Issues Being Worked:

 Obtaining approval of the Environmental Documents and establishment of the various Co-op Agreements require continued attention to maintain the planned schedule.

Primary Project Contact:

Abunnasr Husain (909) 884-8276

ahusain@sanbag.ca.gov

I-10 Corridor Type: Interchange

I-10 and Tippecanoe Avenue

Map of Project:



Schedule Summary	
Milestone	Actual
Start of Project	[Forecast] May 1997
Study Report Approved	August 2002
PA/ED Approved	[June 2008]
Design Approved - ROW Certified	[March 2011]
Construction Notice to Proceed	[2011]
Complete for Beneficial Use	[2013]
Project Complete – Contract Close	[2014]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	\$438
Project Report	\$644
Final Design	\$2,500
ROW Certification	\$19,560
Utility Relocation	\$1,000
Construction	\$28,425
Totals	\$52,567

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - DEMO	\$25,000
- PNRS	\$18,500
State - IIP	\$2,500
Measure I, Cities	\$6,567
Total	\$52,567

Project Scope Summary:

- This project will reconfigure the I-10 and Tippecanoe Avenue interchange to improve operational conditions, specifically:
 - Construct "S" curve off ramp from westbound I-10 to Tippecanoe.
 - Construct "C" curve on ramp from Tippecanoe to I-10 westbound (at intersection of Tippecanoe/Harriman Place).
 - Widen Tippecanoe from Harriman Place to Redlands Boulevard with one lane in each direction.
 - Add an eastbound through (auxiliary) lane along eastbound I-10 from Waterman to Tippecanoe.
 - Widen Redlands Boulevard with turn lanes at intersection with Tippecanoe (west of Tippecanoe only).

Project Status and Continuing Activities:

- The Modified Access Report Design Fact Sheets and Geometric Approval Drawings are being developed. Caltrans and federal approval is anticipated at the end of 2007 allowing advancement of a single alternative in the Environmental Documentation.
- This project did include improvements along Evans Street to facilitate traffic to/from Loma Linda University Medical Center. However, in February 2007 it was determined a more westerly corridor would be preferred and the Evans Street work was deleted from this project.

Project Notes of Interest:

- The development of the Project Report has been hindered by several scope items being added/deleted from the project and from the fact that federal funds are being obligated but were not initially anticipated.
- The right of way and construction cost and schedule estimate is based on the Regional Transportation Improvement Program information ("2005/06" dollars) and does not account for future escalation of costs.

Issues Being Worked:

None.

Primary Project Contact: Arlis Childs

(909) 884-8276

AChilds @sanbag.ca.gov

I-15 and I-215 Corridors

I-15 and I-215 Interchange Improvements (Devore)

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 2007
Study Report Approved	[Sept 2008]
PA/ED Approved	[Dec 2010]
Design Approved - ROW Certified	[2013]
Construction Notice to Proceed	[2014]
Complete for Beneficial Use	[2017]
Project Complete – Contract Close	[2018]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Incl in PA/ED
Project Report	\$8,000
Final Design	\$15,348
ROW Certification	\$15,213
Utility Relocation	\$4,050
Construction	\$161,944
Total	\$204,555

Funding Summary (\$ 000's)	
Amount	
\$5,000	
\$199,555	
\$204,555	

Project Scope Summary:

 This project will reconfigure the I-15/I-215 Interchange to provide four lanes in each direction on the I-15 corridor through the interchange.

Type: Interchange

• The planning effort also will review the viability of adding truck lanes along I-15 to by pass the interchange.

Project Status and Continuing Activities:

- A Request for Qualifications was issued to consultants in March 2007. Following the SANBAG consultant selection process, the Project Study Report, Project Approval and Environmental Document contract was awarded at the July 2007 Board meeting.
- Notice to Proceed was given to the design consultant on July 26, 2007.
- The Project Development Team (PDT) Kick-Off meeting was held on September 25, 2007.

Project Notes of Interest:

- Measure I funds from 2010-2040 are being advanced to start work on the preliminary engineering and environmental approval.
- The cost estimate assumes the values from the Strategic Plan for right of way, utility, construction and project total.
- Funding for this project needs to be identified and secured prior to beginning final design in 2010.

Issues Being Worked:

None.

Primary Project Contact: Dennis Saylor (909) 884-8276

dsaylor@sanbag.ca.gov

Phase: Environmental

I-215 Corridor Type: Interchange

I-215 and Barton Road

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	June 2006
Study Report Approved	April 2007
PA/ED Approved	[2009]
Design Approved - ROW Certified	[2013]
Construction Notice to Proceed	[2013]
Complete for Beneficial Use	[2015]
Project Complete – Contract Close	[2016]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	-Incl in PA/ED-
Project Report	\$832
Final Design	\$3,548
ROW Certification	\$26,000
Utility Relocation	-Incl in Constr-
Construction	\$30,420
Totals	\$60,800

Funding Summary (\$ 000's)	
Funding Source	Amount
Future Fed, State, Local	\$56,400
Measure I	\$3,300
RCTC	\$1,100
Total	\$60,800

Project Scope Summary:

- This project will replace the I-215 and Barton Road interchange to accommodate the future widening of the freeway. Refer to the "I-215 Widening – Bi-County" project for additional information.
- This interchange reconstruction will involve the realignment of the on and off ramps, including major realignment of local streets.
- The project will greatly improve traffic operations by accommodating higher traffic volumes on the new bridge and ramps.

Project Status and Continuing Activities:

- SANBAG and the Riverside County Transportation
 Commission entered into a Cooperative Agreement in May
 2003 to share the cost of widening I-215 activities (75%
 SANBAG, 25% RCTC) through Project
 Approval/Environmental Document (PA/ED).
- The consultant contracts are being amended to include the scope (PA/ED) of this interchange. The Major Projects Committee approved the amendments in September 2007; SANBAG Board approval is expected in October 2007.
- SANBAG and Caltrans finalized a draft Cooperative
 Agreement for the PA/ED phase of the project; it is anticipated
 to be approved at the October 2007 SANBAG Board meeting.

Project Notes of Interest:

- This interchange project is being accelerated ahead of the mainline I-215 corridor work to alleviate immediate traffic conditions.
- The cost estimate values are all estimated in "2006/07" dollars and do not account for future escalation of costs.
- Funding for final design, right of way and construction must still be identified and secured.

Issues Being Worked:

• The completion of the Traffic Analysis Report is dependent on the I-215 Bi-County Traffic Volumes. Approval of the traffic volumes has impacted the project schedule by two months. It is anticipated the traffic volumes will be approved in October 2007. The Project Development Team will work to manage the project as necessary to recover the schedule.

Primary Project Contact: Gilbert Betancourt

(909) 884-8276

gbetancourt@sanbag.ca.gov

I-215 Corridor

Type: Interchange

I-215 and Mt. Vernon Avenue/Washington Street

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 2007
Study Report Approved	[June 2008]
PA/ED Approved	[2010]
Design Approved - ROW Certified	[2014]
Construction Notice to Proceed	[2014]
Complete for Beneficial Use	[2017]
Project Complete – Contract Close	[2018]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	\$325
Project Report	\$1,181
Final Design	\$4,464
ROW Certification	\$35,000
Utility Relocation	-Incl in Constr-
Construction	\$41,030
Totals	\$82,000

Funding Summary (\$ 000's)	
Funding Source	Amount
Future Local	\$76,000
Measure I	\$4,500
RCTC	\$1,500
Total	\$82,000

Project Scope Summary:

- This project will replace the I-215 and Mt. Vernon/Washington Street interchange to accommodate the future widening of the mainline. Refer to the "I-215 Widening – Bi-County" project for additional information.
- This interchange reconstruction will involve the realignment of the on and off ramps, including major realignment of local streets.
- The project will greatly improve traffic operations by accommodating higher traffic volumes on the new bridge and ramps.

Project Status and Continuing Activities:

- SANBAG and the Riverside County Transportation
 Commission entered into a Cooperative Agreement in May
 2003 to share the cost of widening I-215 activities (75%
 SANBAG, 25% RCTC) through Project Approval/
 Environmental Document.
- The consultant contracts are being amended to include the scope (PSR/PA/ED) of this interchange. The Major Projects Committee approved the amendments in September 2007; SANBAG Board approval is expected in October 2007.

Project Notes of Interest:

- This interchange project is being accelerated ahead of the remaining I-215 corridor work to alleviate immediate traffic conditions.
- The cost estimate values are all estimated in "2006/07" dollars and do not account for future escalation of costs.
- Measure I funds associated with the Bi-County project are currently identified to fund this projects final design, right of way and construction.

Issues Being Worked:

 This project is not specifically identified in the RTP and therefore, Caltrans is not able to commit resources. The project is currently "on-hold". SANBAG is working to amend the 2008 RTP to include the specifics of this project. The 2008 RTP will be approved in April 2008 and work on this project is scheduled to resume at that time.

Primary Project Contact: Gilbert Betancourt

(909) 884-8276

gbetancourt@sanbag.ca.gov

I-215 and SR-210 Corridors

Type: Interchange I-215 and SR-210 Connectors

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	1980
Study Report Approved	Not Applicable
PA/ED Approved (Corridor) PA/ED SR-210 Approved (Project) Combined PR Approved	Feb 1998 July 2007 [Dec 2007]
Design Approved - ROW Certified	[Nov 2008]
Construction Notice to Proceed	[2009]
Complete for Beneficial Use	[2011]
Project Complete – Contract Close	[2013]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Not Applicable
Project Report	Incl in Design
Final Design	\$17,721
ROW Certification	\$11,771
Utility Relocation	-Incl in ROW-
Construction	\$138,967
Total	\$168,459

Funding Summary (\$ 000's)	
Funding Source	Amount
State - RIP	\$44,738
- CMIA	\$81,000
- STIP	\$25,000
Measure I	\$17,721
Total	\$168,459

Project Scope Summary:

- This project will provide two high speed connectors 1) from northbound I-215 to westbound SR-210 and 2) from eastbound SR-210 to southbound I-215. In addition, this project will provide the following operational improvements:
 - Addition of one carpool lane in each direction on I-215 between the 210/215 Interchange and (approximately) Massachusetts Avenue (to connect with the planned improvements of the "I-215 Widening Central San Bernardino" project)
 - Addition of a general purpose lane (northbound I-215) and a through (auxiliary) lane (southbound I-215) between the 210/215 Interchange and University Parkway
 - Replacement of three bridge structures over F215 (27th Street, Highland Avenue, Massachusetts Avenue)
 - Ramp modifications at Highland Avenue and 27th Street
 - Multiple local street modifications

Project Status and Continuing Activities:

- This project started as two separate projects 1) Improvements related to Route 210, and 2) Improvements along I-215. A recommendation to combine the two separate design efforts into one construction package was approved at the May 2007 SANBAG Board meeting.
- The Environmental Reevaluation for the improvements related to both SR-210 and for the I-215 project was approved in July 2007 (for the "combined" project, a supplemental Project Report and Environmental "memo to file" is anticipated).
- The 95% design submittal is anticipated in early 2008.
- Right of way requirements have been identified and acquisition activities were started in July 2007.

Project Notes of Interest:

- The combination of designs into one construction package accelerates the improvements along I-215 by approximately two years from the previously planned schedule.
- The cost estimate for right of way and construction has been escalated to reflect the anticipated cost in the year of construction.

Issues Being Worked:

None.

Primary Project Contact: Abunnasr Husain

(909) 884-8276

ahusain@sanbag.ca.gov

Heavy Rail Corridor

Type: Grade Separation

Colton Crossing (UP and BNSF Railroads)

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	Jan 1998
Study Report Approved Supplemental Approved	Jan 1999 Dec 2005
PA/ED Approved	[June 2009]
Design Approved - ROW Certified	[July 2010]
Construction Notice to Proceed	[2011]
Complete for Beneficial Use	[2013]
Project Complete – Contract Close	[2014]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Caltrans -
Project Report	\$3,689
Final Design	\$4,000
ROW Certification	- Caltrans -
Utility Relocation	-Incl in Constr
Construction (2006 dollars)	\$150,000
Total	\$157,689

Funding Summary (\$ 000's)	
Funding Source	Amount
State - ITIP	\$3,689
Future, Fed, State & Local	\$154,000
Total	\$157,689

Project Scope Summary:

- This project will separate the Union Pacific (UP) railroad tracks and Burlington Northern Santa Fe (BNSF) railroad tracks to provide a grade separation, allowing uninterrupted flow of passenger and freight rail traffic.
- No additional track capacity will be constructed (existing/future two UP tracks and two BNSF tracks). However, space will be provided to allow construction of a future track for each railroad.
- This project is completely within the city boundaries of Colton.

Project Status and Continuing Activities:

- The railroad sponsored Feasibility Study was completed in October 2006.
- A Memorandum of Understanding between SANBAG and the railroads to move forward with this project was completed in April 2007.
- A contract with Caltrans Rail to define the funding requirements for the Project Approval/Environmental Document (PA/ED) was put in place in March 2007
- The SANBAG Board approved a design consultant contract in July 2007. This consultant contract will develop the Project Approval and Environmental Documentation.

Project Notes of Interest:

- The PA/ED is funded by Interregional Transportation Improvement Program (ITIP) funds.
- The Construction cost estimate is based on the Feasibility Study and is in "2006/07" dollars, which do not account for future escalation of costs.
- Funding for final design and construction must still be identified and secured.

Issues Being Worked:

 The project is currently on hold pending a Notice to Proceed to the selected design consultant.

Primary Project Contact: Arlis Childs

(909) 884-8276

achilds@sanbag.ca.gov

Local Streets Type: Grade Separation

Hunts Lane and Union Pacific Railroad

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	October 2001
Study Report Approved	Incl in PR
PA/ED Approved	August 2007
Design Approved - ROW Certified	[June 2009]
Construction Notice to Proceed	[Oct 2009]
Complete for Beneficial Use	[Oct 2010]
Project Complete – Contract Close	[2011]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	Incl in PR
Project Report	\$850
Final Design	\$1,000
ROW Certification	\$5,000
Utility Relocation	- Incl in ROW -
Construction	\$19,550
Total	\$26,400

Funding Summary (\$ 000's)	
Funding Source	Amount
Federal - SAFETEA-LU	\$18,750
State - TCRP	\$6,650
UPRR/City Redevelopment	1,000
Total	\$26,400

Project Scope Summary:

 This project will bridge Hunts Lane over the existing Union Pacific railroad tracks providing uninterrupted flow for traffic and rail. In addition, some adjacent local streets will also be reconfigured to improve traffic operations and safety.

Project Status and Continuing Activities:

- Caltrans' reviewed the National Environmental Policy Act (NEPA) Environmental Documentation and approval was received in June 2007.
- Design is underway and is 80% complete. Right of way has commenced with approval of the environmental document.
- A maintenance agreement between the City of Colton and the City of San Bernardino is anticipated to be in place by December 2007. The maintenance agreement will be incorporated into a cooperative agreement with the railroad. A final review/approval of the Agreements will be made by the Public Utility Commission prior to construction.

Project Notes of Interest:

- This project was initially funded with Traffic Congestion Relief Program (TCRP) funds and NEPA clearance was not required. The project progressed to approximately 80%) design completion. In June 2003, the project was placed "on hold" due to issues with TCRP funding. In late 2005, Federal funds were obligated to the project and work resumed with development of the NEPA Environmental Documentation.
- For this project, Hunts Avenue will be fully closed to traffic during construction of the bridge structure (anticipated duration is 10 months).
- The cost estimate values for design, right of way and construction were generated to support federal funding requests and are based on "2005/06" dollars and do not account for future escalation of costs.

Issues Being Worked:

None.

Primary Project Contact: Lisa DaSilva

(909) 884-8276

Idasilva@sanbag.ca.gov

Local Streets Type: Grade Separation

Ramona Avenue and Union Pacific Railroad

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	- not required -
Study Report Approved	- not required -
PA/ED Approved	- not required -
Design Approved - ROW Certified	[Sep 2007]
Construction Notice to Proceed	[Nov 2007]
Complete for Beneficial Use	[May 2009]
Project Complete – Contract Close	[Dec 2009]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	- Montclair -
Project Report	- Montclair -
Final Design	- Montclair -
ROW Certification	- Montclair -
Utility Relocation	- Montclair -
Construction	\$17,416
Totals	\$17,416

Funding Summary (\$ 000's)	
Amount	
\$17,416	
\$17,416	

Project Scope Summary:

- This project will bridge Ramona Avenue over the existing Union Pacific railroad tracks allowing uninterrupted flow for traffic and rail. In addition, some adjacent local streets will be reconfigured to improve traffic operations and safety.
- This project is completely within the city boundaries of Montclair.

Project Status and Continuing Activities:

- The Plans, Specifications and Estimate are complete and were submitted to Caltrans for approval.
- Advertisement of the construction bid package is anticipated in September 2007.
- The City of Montclair is requesting authorization to proceed through Caltrans.

Project Notes of Interest:

- The City of Montclair is the lead agency for design, right of way activities and funding
- SANBAG is the lead agency for advertisement, award and administration for all construction and construction management activities.
- In July 2007, Montclair requested Traffic Congestion Relief Program Funds.
- SANBAG will be reimbursed for all construction and construction management costs as they accrue.
- CPUC funding currently available to October 2007 has been requested by Montclair to be extended.

Issues Being Worked:

In August 2007, it was determined that \$7.5 million of demo
(TIP) had not been programmed for this project. PNRS funds
were utilized by SANBAG staff to back fill this funding gap.
Currently, FHWA is reviewing the revised funding plan.
Approval of this is anticipated in October 2007. Subsequently,
an Authorization To Proceed will need to be issued by Local
Assistance. This is anticipated to be done by the end of
October 2007

Primary Project Contact: Gilbert Betancourt

(909) 884-8276

gbetancourt@sanbag.ca.gov

State Street/University Parkway and BNSF Railroad

Map of Project:



Schedule Summary	
Milestone	Actual [Forecast]
Start of Project	July 2001
Study Report Approved	-Incl in PR-
PA/ED Approved	October 2002
Design Approved - ROW Certified	February 2007
Construction Notice to Proceed	May 2007
Complete for Beneficial Use	[May 2009]
Project Complete – Contract Close	[Nov 2009]

Budgetary Estimate Summary (\$ 000's)	
Cost Item	Amount
Study Report	-Incl in PR-
Project Report	\$236
Final Design	\$1,491
ROW Certification	\$4,100
Utility Relocation	\$380
Construction	\$21,583
Total	\$27,790

Funding Summary (\$ 000's)	
Funding Source	Amount
State - TCRP	\$25,906
BNSF	\$1,884
Total	\$27,790

Project Scope Summary:

 This project will bridge State Street/University Parkway over both the existing Burlington Northern Santa Fe (BNSF) railroad tracks and Cajon Boulevard allowing uninterrupted flow for traffic and rail. In addition, some adjacent local streets will be reconfigured to improve traffic operations and safety.

Project Status and Continuing Activities:

- The Construction Contractor was given Notice to Proceed (NTP) on May 21, 2007.
- Project is approximately 20% complete and on schedule.
- Storm Drain Pipe installation work has started.
- Pile driving and foundations for the bridge supporting structures is underway with 100% of all piles driven as of September 2007.
- Bridge support work continues with all column pours complete.
- Earthwork is continuing.

Project Notes of Interest:

- It is anticipated that the last two properties required will be cleared by October of 2007 which is earlier than the contract requires.
- Remaining utility relocations are being expedited to maintain schedule.
- BNSF signal relocation work is scheduled to complete during the coming months allowing false work erection to begin in early 2008.

Issues Being Worked:

None.

Primary Project Contact: Steve Yench

(909) 875-6029 x211

StephenY@cm4sanbag.com