



San Bernardino Associated Governments

1170 W. 3rd Street, 2nd Floor, San Bernardino, CA 92410
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Web: www.sanbag.ca.gov



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- San Bernardino County Transportation Commission •San Bernardino County Transportation Authority
 - San Bernardino County Congestion Management Agency •Service Authority for Freeway Emergencies
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AGENDA
Board of Directors Metro Valley Study Session

March 10, 2016

*****Start Time: 10:00 AM*****

Location

SANBAG
First Floor Lobby
1170 W. 3rd Street, San Bernardino, CA 92410

Board of Directors

Valley Representatives

Study Session Chair

Alan Wapner, Council Member
City of Ontario

Study Session Vice-Chair

Janice Rutherford, Supervisor
Second District

Dennis Yates, Mayor
City of Chino

Ed Graham, Council Member
City of Chino Hills

Frank Navarro, Council Member
City of Colton

Michael Tahan, Council Member
City of Fontana

Darcy McNaboe, Mayor
City of Grand Terrace

Larry McCallon, Mayor
City of Highland

Rhodes "Dusty" Rigsby, Mayor
City of Loma Linda

Paul M. Eaton, Mayor
City of Montclair

L. Dennis Michael, Mayor
City of Rancho Cucamonga

Jon Harrison, Mayor Pro Tem
City of Redlands

Deborah Robertson, Mayor
City of Rialto

R. Carey Davis, Mayor
City of San Bernardino

Ray Musser, Mayor
City of Upland

Dick Riddell, Council Member
City of Yucaipa

Mountain/Desert Representatives

Rich Kerr, Mayor
City of Adelanto

Curt Emick, Council Member
Town of Apple Valley

Julie McIntyre, Mayor
City of Barstow

Ryan McEachron, Council Member
City of Victorville

Bill Jahn, Mayor Pro Tem
City of Big Bear Lake

Eric Schmidt, Council Member
City of Hesperia

Edward Paget, Mayor
City of Needles

Joel Klink, Council Member
City of Twentynine Palms

George Huntington, Mayor
Town of Yucca Valley

County Board of Supervisors

Robert Lovingood, First District

James Ramos, Third District

Josie Gonzales, Fifth District

Curt Hagman, Fourth District

Ex-Officio Member – John Bulinski, Caltrans District 8 Director
Ray Wolfe, SANBAG Executive Director
Eileen Teichert, SANBAG General Counsel

San Bernardino Associated Governments
County Transportation Commission
County Transportation Authority
County Congestion Management Agency
Service Authority for Freeway Emergencies

AGENDA

Board of Directors Metro Valley Study Session

March 10, 2016

10:00 AM

Location

First Floor Lobby

1170 W. 3rd Street, San Bernardino, CA 92410

To obtain additional information on any items, please contact the staff person listed under each item. You are encouraged to obtain any clarifying information prior to the meeting to allow the Board to move expeditiously in its deliberations. Additional "*Meeting Procedures*" and agenda explanations are attached to the end of this agenda.

CALL TO ORDER

(Meeting Chaired by Alan Wapner)

- i. Pledge of Allegiance
- ii. Attendance
- iii. Announcements
- iv. Agenda Notices/Modifications - Melonie Donson

Possible Conflict of Interest Issues

Note agenda item contractors, subcontractors and agents which may require member abstentions due to conflict of interest and financial interests. Board Member abstentions shall be stated under this item for recordation on the appropriate item.

1. Information Relative to Possible Conflict of Interest

Note agenda items and contractors/subcontractors, which may require member abstentions due to possible conflicts of interest.

This item is prepared for review by SANBAG Board and Committee members.

CONSENT CALENDAR

Items listed on the Consent Calendar are expected to be routine and non-controversial. The Consent Calendar will be acted upon as a single motion. Items on the Consent Calendar may be removed for discussion by Board Members.

Consent - Project Delivery

2. Construction Contract Change Orders to on-going SANBAG construction contracts with Sully-Miller Contracting Company and Skanska USA Civil West

Receive and file change order report.

Presenter: Garry Cohoe

This item is not scheduled for review by any other policy committee or technical advisory committee.

DISCUSSION ITEMS

Discussion - Administrative Matters

3. SANBAG Fiscal Year 2016/2017 Budget – Metro Valley Study Session Task Review

That the Metro Valley Study Session review and provide direction relative to proposed tasks to be included in the Fiscal Year 2016/2017 Budget.

Presenter: Garry Cohoe

This item is not scheduled for review by any other policy committee or technical advisory committee.

Discussion - Project Delivery

4. Mount Vernon Avenue Viaduct over the BNSF Railway Intermodal Facility

That the following be reviewed and recommended for final approval by the Board of Directors at a regularly scheduled Board meeting:

Direct SANBAG staff to develop a Memorandum of Understanding (MOU) with the City of San Bernardino, designating San Bernardino Associated Governments (SANBAG) as the lead agency for Environmental Clearance, Design, Right-of-Way Acquisition and Construction of the Mount Vernon Avenue Viaduct over the BNSF Railway Intermodal Facility.

Presenter: Garry Cohoe

This item is not scheduled for review by any other policy committee or technical advisory committee.

5. Preview of the Hearings to Consider Resolutions of Necessity for Parcels for the Interstate 215 (I-215) Barton Road Interchange Improvement Project in the City of Grand Terrace

That the following be reviewed and recommended to proceed to Hearings for Resolutions of Necessity by the Board of Directors, acting in its capacity as the San Bernardino County Transportation Commission, at a regularly scheduled Board meeting:

A. Conduct public hearings to consider condemnation of real property required for the I-215 Barton Road Interchange Improvement Project in the City of Grand Terrace; and

B. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-014 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Terrel Ray McDuffee, Trustee of the Terrel R. McDuffee Trust, dated July 15, 2008 (Assessor's Parcel Number [APN] 1167-121-01; Caltrans Parcel Number [CPN] 23365). The Resolution must be approved by at least a two-thirds majority;

C. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-018 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Stater Bros. Markets (APNs 1167-231-22, 1167-231-23, 1167-231-25, and 1167-231-26; CPN 23340). The Resolution must be approved by at least a two-thirds majority; and

D. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-016 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Hyrosen Properties, Inc. (APN 1167-141-05; CPN 23322). The Resolution must be approved by at least a two-thirds majority.

Presenter: Paula Beauchamp

This item is not scheduled for review by any other policy committee or technical advisory committee. SANBAG General Counsel has reviewed this item and the draft resolutions.

Comments from Board Members

Brief Comments from Board Members

Public Comment

Brief Comments by the General Public

ADJOURNMENT

Additional Information

Attendance
SANBAG Entities
Acronym List
Mission Statement

**The next Board of Directors Metro Valley Study Session will be
April 14, 2016**

Meeting Procedures and Rules of Conduct

Meeting Procedures - The Ralph M. Brown Act is the state law which guarantees the public's right to attend and participate in meetings of local legislative bodies. These rules have been adopted by the Board of Directors in accordance with the Brown Act, Government Code 54950 et seq., and shall apply at all meetings of the Board of Directors and Policy Committees.

Accessibility - The SANBAG meeting facility is accessible to persons with disabilities. If assistive listening devices or other auxiliary aids or services are needed in order to participate in the public meeting, requests should be made through the Clerk of the Board at least three (3) business days prior to the Board meeting. The Clerk's telephone number is (909) 884-8276 and office is located at 1170 W. 3rd Street, 2nd Floor, San Bernardino, CA.

Agendas – All agendas are posted at 1170 W. 3rd Street, 1st Floor, San Bernardino at least 72 hours in advance of the meeting. Staff reports related to agenda items may be reviewed at the SANBAG offices located at 1170 W. 3rd Street, 2nd Floor, San Bernardino and our website: www.sanbag.ca.gov.

Agenda Actions – Items listed on both the “Consent Calendar” and “Discussion” contain recommended actions. The Board of Directors will generally consider items in the order listed on the agenda. However, items may be considered in any order. New agenda items can be added and action taken by two-thirds vote of the Board of Directors or unanimous vote of members present as provided in the Ralph M. Brown Act Government Code Sec. 54954.2(b).

Closed Session Agenda Items – Consideration of closed session items excludes members of the public. These items include issues related to personnel, pending litigation, labor negotiations and real estate negotiations. Prior to each closed session, the Chair will announce the subject matter of the closed session. If action is taken in closed session, the Chair may report the action to the public at the conclusion of the closed session.

Public Testimony on an Item – Members of the public are afforded an opportunity to speak on any listed item. Individuals wishing to address the Board of Directors or Policy Committee Members should complete a “Request to Speak” form, provided at the rear of the meeting room, and present it to the Clerk prior to the Board's consideration of the item. A "Request to Speak" form must be completed for each item an individual wishes to speak on. When recognized by the Chair, speakers should be prepared to step forward and announce their name and address for the record. In the interest of facilitating the business of the Board, speakers are limited to three (3) minutes on each item. Additionally, a twelve (12) minute limitation is established for the total amount of time any one individual may address the Board at any one meeting. The Chair or a majority of the Board may establish a different time limit as appropriate, and parties to agenda items shall not be subject to the time limitations. Members of the public requesting information be distributed to the Board of Directors must provide 40 copies of such information in advance of the meeting, except for noticed public hearings. Information provided as public testimony is not read into the record by the Clerk.

The Consent Calendar is considered a single item, thus the three (3) minute rule applies. Consent Calendar items can be pulled at Board member request and will be brought up individually at the specified time in the agenda allowing further public comment on those items.

Agenda Times – The Board is concerned that discussion take place in a timely and efficient manner. Agendas may be prepared with estimated times for categorical areas and certain topics to be discussed. These times may vary according to the length of presentation and amount of resulting discussion on agenda items.

Public Comment – At the end of the agenda, an opportunity is also provided for members of the public to speak on any subject within the Board’s authority. Matters raised under “Public Comment” may not be acted upon at that meeting. “Public Testimony on any Item” still applies.

Disruptive or Prohibited Conduct – If any meeting of the Board is willfully disrupted by a person or by a group of persons so as to render the orderly conduct of the meeting impossible, the Chair may recess the meeting or order the person, group or groups of person willfully disrupting the meeting to leave the meeting or to be removed from the meeting. Disruptive or prohibited conduct includes without limitation addressing the Board without first being recognized, not addressing the subject before the Board, repetitiously addressing the same subject, failing to relinquish the podium when requested to do so, bringing into the meeting any type of object that could be used as a weapon, including without limitation sticks affixed to signs, or otherwise preventing the Board from conducting its meeting in an orderly manner. Your cooperation is appreciated!

**SANBAG General Practices for Conducting Meetings
of
Board of Directors and Policy Committees**

Attendance.

- The Chair of the Board or a Policy Committee (Chair) has the option of taking attendance by Roll Call or Self-Introductions. If attendance is taken by Roll Call, the Clerk of the Board will call out by jurisdiction or supervisorial district. The Member or Alternate will respond by stating his/her name. If attendance is by Self-Introduction, the Member or Alternate will state his/her name and jurisdiction or supervisorial district.
- A Member/Alternate, who arrives after attendance is taken, shall announce his/her name prior to voting on any item.
- A Member/Alternate, who wishes to leave the meeting after attendance is taken but before remaining items are voted on, shall announce his/her name and that he/she is leaving the meeting.

Basic Agenda Item Discussion.

- The Chair announces the agenda item number and states the subject.
- The Chair calls upon the appropriate staff member or Board Member to report on the item.
- The Chair asks members of the Board/Committee if they have any questions or comments on the item. General discussion ensues.
- The Chair calls for public comment based on “Request to Speak” forms which may be submitted.
- Following public comment, the Chair announces that public comment is closed and asks if there is any further discussion by members of the Board/Committee.
- The Chair calls for a motion from members of the Board/Committee.
- Upon a motion, the Chair announces the name of the member who makes the motion. Motions require a second by a member of the Board/Committee. Upon a second, the Chair announces the name of the Member who made the second, and the vote is taken.
- The “aye” votes in favor of the motion shall be made collectively. Any Member who wishes to oppose or abstain from voting on the motion, shall individually and orally state the Member’s “nay” vote or abstention. Members present who do not individually and orally state their “nay” vote or abstention shall be deemed, and reported to the public, to have voted “aye” on the motion.

The Vote as specified in the SANBAG Bylaws.

- Each Member of the Board of Directors shall have one vote. In the absence of the official representative, the alternate shall be entitled to vote. (Board of Directors only.)
- Voting may be either by voice or roll call vote. A roll call vote shall be conducted upon the demand of five official representatives present, or at the discretion of the presiding officer.

Amendment or Substitute Motion.

- Occasionally a Board Member offers a substitute motion before the vote on a previous motion. In instances where there is a motion and a second, the maker of the original motion is asked if he/she would like to amend the motion to include the substitution or withdraw the motion on the floor. If the maker of the original motion does not want to amend or withdraw, the substitute motion is not addressed until after a vote on the first motion.
- Occasionally, a motion dies for lack of a second.

Call for the Question.

- At times, a Member of the Board/Committee may “Call for the Question.”
- Upon a “Call for the Question,” the Chair may order that the debate stop or may allow for limited further comment to provide clarity on the proceedings.
- Alternatively and at the Chair’s discretion, the Chair may call for a vote of the Board/Committee to determine whether or not debate is stopped.
- The Chair re-states the motion before the Board/Committee and calls for the vote on the item.

The Chair.

- At all times, meetings are conducted in accordance with the Chair’s direction.
- These general practices provide guidelines for orderly conduct.
- From time-to-time circumstances require deviation from general practice.
- Deviation from general practice is at the discretion of the Chair.

Courtesy and Decorum.

- These general practices provide for business of the Board/Committee to be conducted efficiently, fairly and with full participation.
- It is the responsibility of the Chair and Members to maintain common courtesy and decorum.

*Adopted By SANBAG Board of Directors January 2008
Revised March 2014*

Minute Action

AGENDA ITEM: 1

Date: *March 10, 2016*

Subject:

Information Relative to Possible Conflict of Interest

Recommendation:

Note agenda items and contractors/subcontractors, which may require member abstentions due to possible conflicts of interest.

Background:

In accordance with California Government Code 84308, members of the SANBAG Board may not participate in any action concerning a contract where they have received a campaign contribution of more than \$250 in the prior twelve months from an entity or individual, except for the initial award of a competitively bid public works contract. This agenda contains recommendations for action relative to the following contractors:

Consent/Discussion Calendar Items

Item No.	Contract No.	Principals & Agents	Subcontractors
2-A	C14164	Sully-Miller Contracting Company <i>Raymond Sanchez</i>	A. C. Dike Company ACL Construction Company, Inc. Bravo Sign & Design Cal-Stripe, Inc. Coral Construction Company Diversified Landscaping Company Fencecorp, Inc. Goss Construction Company, Inc. Harber Companies, Inc. High Light Electric, Inc. Integrity Rebar Placers J.V. Land Clearing Company, Inc. LNA Concrete Structures, Inc. MCM Construction, Inc. Statewide Traffic Safety & Signs
2-B	C13108	Skanska USA Civil West <i>Jeffery Langevin</i>	Chrisp Company Dywidag Systems International Fence Corporation, Inc. Hayward Baker Integrity Rebar Placers John S. Meek Company, Inc. Ferreria Construction Company, Inc. R. Dugan Construction, Inc.

Entity: CMA, COG, CTA, CTC, SAFE

Board of Directors Metro Valley Study Session Agenda Item

March 10, 2016

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			Rock Structures Construction Co. Sierra Landscape Development, Inc.
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Item No.	Principals & Agents
5	Terrel R. McDuffee Trust <i>Terrel Ray McDuffee</i>
	Stater Bros. Markets <i>Jack H. Brown</i>
	Hyrosen Properties, Inc. <i>Bryan Rosen & Roy Nierman</i>

Financial Impact:

This item has no direct impact on the SANBAG budget.

Reviewed By:

This item is prepared for review by SANBAG Board and Committee members.

Responsible Staff:

Garry Cohoe, Director of Project Delivery

Approved
Board of Directors Metro Valley Study Session
Date: March 10, 2016

Witnessed By:

Minute Action

AGENDA ITEM: 2

Date: *March 10, 2016*

Subject:

Construction Contract Change Orders to on-going SANBAG construction contracts with Sully-Miller Contracting Company and Skanska USA Civil West

Recommendation:

Receive and file change order report.

Background:

Of SANBAG's twelve on-going construction contracts in the Metro Valley, two have had Construction Change Orders (CCO's) approved since the last reporting to the Board Metro Valley Study Session. The CCO's are listed below.

A. Contract Number (CN) C14164 with Sully-Miller Contracting Company for construction of the I-10 Tippecanoe Avenue Interchange Phase II project: CCO No. 17 Supplement 1 (\$850.00 in additional funds for fencing work required as part of a Right of Way agreement with an adjacent property owner), CCO No. 36 (\$20,000.00 increase to compensate contractor for efforts to re-align Drainage System No. 22 due to conflict with existing water line not shown on the plans) and CCO No. 43 (\$27,639.00 increase to modify Drainage System No. 6 to add drainage inlet and 91 linear feet of 24 inch pipe to capture storm water runoff).

B. CN C13108 with Skanska USA Civil West for construction of the Palm Avenue Grade Separation project: CCO No. 15 Supplement 2 (\$32.84 additional funds for payment of electrical services related to irrigation system).

Financial Impact:

This item imposes no financial impact, as all CCOs are within previously approved contingency amounts under Task No's 0842 and 0874.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee.

Responsible Staff:

Garry Cohoe, Director of Project Delivery

Approved
 Board of Directors Metro Valley Study Session
 Date: March 10, 2016

Witnessed By:

Entity: CTA, CTC

Board of Directors Metro Valley Study Session
Construction Change Orders Log

I-10 Citrus Interchange - Executed Change Orders		
Number	Description	Amount
001	Traffic Control	\$ 35,000.00
001 S-1	Traffic Control, Additional Funds	\$ 35,000.00
001 S-2	Traffic Control, Additional Funds	\$ 30,000.00
002	Maintain Irrigation and Landscaping	\$ 8,000.00
003	Water Pollution Control Maintenance Sharing	\$ 25,000.00
004	Partnering	\$ 10,000.00
004 S-1	Additional Funds	\$ 10,000.00
005	Dispute Review Board	\$ 15,000.00
005 S-1	Additional Funds	\$ 5,000.00
006	Maintain Existing Electrical Systems	\$ 20,000.00
006 S-1	Additional Funds	\$ 5,000.00
006 S-2	Additional Funds	\$ 8,100.00
007	Graffiti Removal	\$ 5,000.00
008	DS-10 Redesign and Align	\$ (143,397.00)
009	Replace Loop Detection with Video Detection	\$ 18,645.00
010	Sewer Connection on South Citrus	\$ 7,945.48
011	Replace RSC and RSLCB in WB Off-Ramp Termini with Standard JPCP	\$ (164,877.00)
011 S-1	Replace RSC and RSLCB in WB Off-ramp Termini with Standard JPCP Supplement 1	\$ 46,674.75
012	Over-Excavate and Re-Compact Under OH Abutments and WW	\$ 11,483.50
013	Replace RSC and RSLCB in WB Off-Ramp Gore	\$ (41,180.48)
014	Septic System for 76 Gas Station	\$ 36,783.25
015	ROW Delay for Alcorn Fence	\$ 1,500.00
016	DS-15 Connection to DS-1	\$ 2,911.33
017	Revise DWY Approaches and DWYS at Boyle Cul-de-Sac	\$ 11,130.00
017 S-1	Revise DWY Approaches and DWYS at Boyle Cul-de-Sac, Additional Funds	\$ 27,000.00
018	Replace RSC with Standard JPCP - WB On-Ramp Gore	\$ (32,840.80)
019	Replace RSC with Standard JPCP - EB Off-Ramp Gore	\$ (62,956.58)
020	Replace RSC with Standard JPCP - WB Off-Ramp Gore	\$ (21,153.30)
021	Non-Compensable Excusable Delay	\$ 0.00
022	Longitudinal Tining	\$ 8,500.00
023	Payment Adjustments for Price Index Fluctuations	\$ 161,000.00
024	Parapet Headwall Height Change	\$ 4,000.00
025	76 Gas Station Improvements	\$ 38,000.00
026	Non-Compensable Excusable Delay - 4 Days	\$ 0.00
027	Electrical Work	\$ 54,000.00
028	Demo and Grade on Citrus Avenue	\$ (28,022.88)
028 S-1	Additional Funds for Traffic Control	\$ 28,022.88
029	Removal and Disposal of Man-Made Objects	\$ 26,000.00
029 S-1	Additional Funds	\$ 49,800.00
030	Rock Blanket Credit	\$ (74,957.08)
032	Lane Closure Charts Change	\$ 0.00
033	DS-25 Modifications	\$ 38,500.00
034	Adjustment of Item Overruns	\$ 27,111.10
036	Change in Retaining Wall Type	\$ 29,883.70
038	Claim Settlement for Differing Site Conditions	\$ 26,400.00

Bolded - Construction Change Orders approved since the last reporting to the Metro Valley Study Session
Amounts shown in parentheses represent a credit to the Agency

040	DS-1 Modifications	\$ 14,000.00
041	Tree Removal and Water Line	\$ 8,500.00
042	Relocation of Gas and Water Services	\$ 12,200.00
043	ADA Requirements on Bridge	\$ 26,000.00
043 S-1	Time Adjustment	\$ 0.00
044	Eliminate Rapid-Set Concrete on #4 Lanes	\$ 86,614.00
045	Additional Concrete Swale Along RW 795	\$ 9,200.00
046	Fencing and Gates along Residential Properties	\$ 27,247.00
047	Additional Rock Blanket at Bridge Abutment	\$ 27,000.00
048	Curb and Sidewalk at SW Corner Valley/Citrus	\$ 5,200.00
050	Mulberry Channel Access Ramp	\$ 45,778.00
051	Street Light Pole Bases	\$ 8,159.00
052	Revise Curb Ramps, Sidewalks & Ped Buttons for ADA	\$ 15,000.00
054	I-10 Median Paving	\$ 44,500.00
056	Misc. Work Not Covered by Contract Items	\$ 40,000.00
057	Concrete Pavement Just-In-Time Training	\$ 1,500.00
058	NOPC No. 6 Resolution	\$ 63,000.00
059	Traffic Signal Equipment at Slover and Valley	\$ 59,787.00
060	Caltrans Safety Comments EB on Ramp	\$ 35,000.00
061	Remove Pedestrian Crossing Features	\$ 35,000.00
065	Apprentice Training	\$ 3,600.00
065 S-1	Additional Funds	\$ 1,400.00
066	Hot Mixed Asphalt Price Adjustment	\$ 35,141.65
067	Final Adjustment of Various Bid Items at Contract Unit Price	\$ 147,391.52
068	Final Adjustment of Various Bid Items at Contract Unit Price	\$ 104,127.07
069	Final Claims Adjustment and Extending Plant Establishment Period	\$ 8,000.00
CCO TOTAL		\$ 1,160,351.11
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 5,726,000.00

I-10 Cherry Interchange - Executed Change Orders		
Number	Description	Amount
1	Additional Traffic Control System	\$ 35,000.00
1 S-1	Additional Funds	\$ 12,000.00
2	Maintain Existing Irrigation System	\$ 5,000.00
2 S-1	Additional Funds	\$ 25,000.00
3	Water Pollution Control Maintenance Sharing	\$ 20,000.00
4	Additional Striping and Temporary Pavement	\$ 30,000.00
4 S-1	Additional Striping – Supplement 1	\$ 15,000.00
4 S-2	Additional Striping – Supplement 1	\$ 30,000.00
5	SWPPP Change of Risk Level	\$ (39,090.00)
6	Dispute Review Board	\$ 15,000.00
6 S-1	Additional Funds	\$ 10,000.00
7	Partnering	\$ 20,000.00
8	Compliance with Right-of-Way Obligations	\$ 60,000.00
8 S-1	Compliance with Right-of-Way Obligations – Supplement 1	\$ 60,000.00
8 S-2	Compliance with Right-of-Way Obligations – Supplement 2	\$ 100,000.00
9	Graffiti Removal	\$ 15,000.00
9 S-1	Graffiti Removal – Supplement 1	\$ 25,000.00

Bolded - Construction Change Orders approved since the last reporting to the Metro Valley Study Session
Amounts shown in parentheses represent a credit to the Agency

10	Maintain Existing Electrical System	\$ 10,000.00
10 S-1	Maintain Existing Electrical System – Supplement 1	\$ 20,000.00
10 S-1	Maintain Existing Electrical System – Supplement 2	\$ 38,000.00
11	Spillway Drainage Connection to DS-1	\$ 25,000.00
11 S-1	Spillway Drainage Connection to DS-1 – Supplement 1	\$ 13,000.00
11 S-2	Additional Funds	\$ 18,000.00
12	Temporary Light Poles	\$ 20,000.00
13	Remove Existing Sign Structure	\$ 10,260.00
14	Compensation for Right-of-Way Obstruction (Leach Tank)	\$ 10,780.00
15	Revision to Contract Special Provisions for Tree Removal	\$ 0.00
16	RW 680 Footing Modifications	\$ (21,490.00)
17	Remove Existing Asbestos Pipe	\$ 10,797.00
19	Regular PCCP in Lieu of Rapid Set Concrete	\$ (152,296.00)
18	Realign 96” RCP	\$ 49,991.01
20	Driveway for Truck Stop Facility	\$ 0.00
21	Remove Tree Item Adjustment	\$ 103,187.55
21 S-1	Additional Funds	\$ 58,999.65
22	Change in Alignment for SW 697	\$ 0.00
23	Modified Concrete Barrier for Concrete Poles	\$ 25,000.00
23 S-1	Additional Funds	\$ 35,000.00
24	Removal and Disposal of Man-Made Buried Objects	\$ 5,000.00
24 S-1	Additional Funds	\$ 55,000.00
25	Additional Grout at Sound Wall 697	\$ 5,000.00
26	New Drainage System at RW 33	\$ 5,199.50
27	Modifications to Drainage System No. 1 Channel Wall	\$ 21,477.30
28	Just-in-Time Training	\$ 1,110.00
29	Maintain Existing Drainage System	\$ 20,000.00
29 S-1	Additional Funds	\$ 30,000.00
30	Modifications to Drainage System	\$ (115,480.50)
31	Payment to Edison	\$ 10,000.00
32	Various Unforeseen Additional Work	\$ 30,000.00
32 S-1	Additional Funds	\$ 30,000.00
33	Electrical Revisions for MSE Wall	\$ 46,447.28
34	Bridge Modifications as per Caltrans and UPRR	\$ 26,000.00
35	Increase in Various Items	\$ 73,234.66
36	Joint Armor for Bridge Sidewalks	\$ 13,000.00
37	Revisions to Rock Blanket Thickness	\$ (154,335.02)
37 S-1	Replace Rock Blanket with 2 ½” Gravel	\$ (23,100.00)
38	Revise SP’s for Payment for Removal of Temporary Striping	\$ 20,000.00
38 S-1	Additional Funds	\$ 14,000.00
40	Rush Truck Center Parking Lot	\$ 45,000.00
42	Pedestrian Access to Bridge	\$ 20,000.00
42 S-1	Additional Funds	\$ 5,000.00
43	Type 60C Barrier and Shotcrete Along W/B Off-Ramp	\$ 35,000.00
45	Lower Fiber Optics and Drainage Systems for Roadway	\$ 60,461.12
45 S-1	Additional Funds	\$ 10,000.00
46	Temp. Electrical Feed for Street Lighting for Stage 1A	\$ 17,000.00
48	Pedestrian Signal Heads, Pushbuttons and Street Signs	\$ 29,903.05
49	Replace Spalled Slabs in Lieu of Patching	\$ 233,882.72

Bolded - Construction Change Orders approved since the last reporting to the Metro Valley Study Session
Amounts shown in parentheses represent a credit to the Agency

50	Concrete Barrier Anchor Block	\$ 4,825.44
51	Traffic Signal Equipment for Slover and Valley	\$ 71,082.80
52	Railroad OH Modifications	\$ 73,660.00
53	NOPC 003-07-25-13 Resolution	\$ 249,760.84
54	Stage 3B Construction Changes	\$ (45,206.82)
54 S-1	Additional Stage Construction Changes	\$ (104,722.20)
55	Modify Drain Inlet	\$ 3,526.18
56	Apprentice Training	\$ 9,600.00
57	Farmer Boy Restaurant Landscaping and Irrigation System	\$ 10,350.00
58	Modify Striping on Cherry	\$ 9,590.50
58 S-1	Resolve NOPC No. 13-04-10-15	\$ 9,664.84
59	Final Quantity on Various Bid Items	\$ (16,284.59)
60	Installation of LED Lighting Equipment	\$ 49,269.71
61	Vandal Proof Pull box Lids	\$ 30,000.00
62	Modifications to Drainage System No. 9	\$60,000.00
63	Bid Item No. 104 Final Payment Adjustment	\$ 24,347.81
68	Bid Item Adjustments	\$ 18,700.01
CCO TOTAL		\$ 1,739,103.84
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 5,282,319.79

Palm Avenue Grade Separation – Executed Change Orders		
Number	Description	Amount
1	Delayed Start	\$ 0.00
1 S-1	Partial Suspension of Work Due to Utility Delays	\$ 0.00
2	Additional Hoop Rebar for CIDH Piles	\$ 1,310.00
3	Additional SWPPP Measures and SWPPP Maintenance	\$ 50,000.00
3 S-1	Additional Funds	\$ 11,406.00
3 S-2	Returning Unused Funds to Contingency	\$ (32,239.10)
3 S-3	Returning Unused Funds to Contingency	\$ (5,222.25)
4	Additional Traffic Control	\$ 25,000.00
4 S-1	Returning Unused Funds to Contingency	\$ (5,651.49)
5	Modify Contract Language to Remove Barstow	\$ 0.00
6	Modification to City Water Line	\$ (8,750.00)
6 S-1	Modification to City Water Line	\$ 0.00
6 S-2	Additional Funds	\$ 14,922.00
6 S-3	Deletion of Butterfly Valve and Hydrant	\$ (635.26)
6 S-4	Returning Unused Funds to Contingency	\$ (5,827.33)
7	Temporary Drainage System	\$ 10,000.00
7 S-1	Returning Unused Funds to Contingency	\$ (4,588.04)
8	Revisions to Denny's, Cross Slope and Detour	\$ 71,027.00
8 S-1	Additional Funds	\$ 3,500.00
8 S-2	Returning Unused Funds to Contingency	\$ (635.48)
9	Relocate Existing Pole Gate	\$ 4,242.00
10	Various Electrical Changes	\$ 39,600.00
10 S-1	Additional Funds	\$ 10,505.00
10 S-2	Determination of Zero Days to Schedule	\$ 0.00
11	Wrought Iron Fence Substitution	\$ (5,000.00)
12	Water Meter Installation	\$ 24,514.00

Bolded - Construction Change Orders approved since the last reporting to the Metro Valley Study Session
Amounts shown in parentheses represent a credit to the Agency

12 S-1	Additional Funds	\$ 2,000.00
12 S-2	Additional Funds for Water Payment	\$ 3,000.00
12 S-3	Returning Unused Funds to Contingency	\$ (2,476.57)
13	Dispute Resolution Advisor	\$ 15,000.00
13 S-1	Returning Unused Funds to Contingency	\$ (14,250.00)
14	Cable Railing for Headwalls and Wing-Walls	\$ 3,750.00
15	Electrical Services	\$ 50,000.00
15 S-1	Returning Unused Funds to Contingency	\$ (21,952.95)
15 S-2	Additional Funds	\$ 32.84
16	VECP for Retaining Wall Elimination	\$ (65,686.51)
16 S-1	VECP Final Savings Determination	\$ (27,850.00)
17	Transition Barrier Railing at BNSF R/W	\$ 5,263.25
18	Curb and Gutter Near Edison Pole	\$ 30,000.00
18 S-1	Returning Unused Funds to Contingency	\$ (27,836.18)
19	Chain Link Fence Details on Bridge	\$ 1,050.50
20	Bridge Deck Profilograph	\$ 1,540.00
21	Accelerated Weekend Work	\$ 88,279.00
21 S-1	Returning Unused Funds to Contingency	\$ (22,124.51)
21 S-2	Deferred Time – Zero Working Days Added	\$ 0.00
22	Increase in Temporary Striping and Potholing	\$ 16,715.50
23	Modify Existing Industrial Pkwy for Frontage Road	\$ 45,055.50
23 S-1	Additional Funds	\$ 71,141.00
23 S-2	Additional Funds	\$ 25,000.00
23 S-3	Returning Unused Funds to Contingency	\$ (3,040.96)
23 S-4	Deferred Time – Zero Working Days Added	\$ 0.00
24	Temporary Electrical	\$ 3,380.00
25	Modifications to Denny’s Temporary Driveway	\$ 30,000.00
25 S-1	Additional Funds	\$ 1,620.00
25 S-2	Additional Funds	\$ 32,732.00
25 S-3	Returning Unused Funds to Contingency	\$ (15,570.86)
26	BNSF Roadway Removals	\$ 40,263.00
26 S-1	Additional Funds	\$ 10,000.00
26 S-2	Returning Unused Funds to Contingency	\$ (6,026.32)
27	Traffic Signal Loops	\$ 3,025.00
27 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
29	DG Walk, Swale and AC Dike changes near UPRR	\$ 3,530.00
29 S-1	Returning Unused Funds to Contingency	\$ (789.34)
30	Pavement Delineation on Industrial Parkway	\$ 4,540.00
30 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
31	Apprentice Training	\$ 4,800.00
31 S-1	Returning Unused Funds to Contingency	\$ (3,037.60)
32	Roadside Signs on Street Light Poles	\$ (230.00)
33	Modify Pole Gate	\$ 527.00
33 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
34	Additional Shoulder Stripe	\$ 2,431.00
34 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
35	Walters Driveway Wheelchair Ramps	\$ 10,000.00
35 S-1	Deferred Time – 27 Working Days Added	\$ 0.00
36	Bid Item No. 11 Price Adjustment	\$ 1,410.25

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36 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
37	Bid Item Cost Adjustment for Final Payment	\$ (14,756.16)
38	RE Office Lease Extension	\$ 6,111.00
38 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
39	Slurry Seal Roadway	\$ 15,028.00
39 S-1	Additional Funds for Pavement Report	\$ 3,636.88
40	Claim Payment for Grading work; Exception to PFE	\$ 1,432.30
CCO TOTAL		\$ 518,899.27
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 1,254,317.50

I-10 Tippecanoe Avenue Phase 1 – Executed Change Orders		
Number	Description	Amount
1	Maintain Auxiliary Lane	\$ 27,010.00
2	Removal of Trees Along Tippecanoe Avenue	\$ 16,753.74
3	Traffic Control	\$ 10,000.00
3 S-1	Additional Funds	\$ 13,385.35
3 S-2	Additional Funds	\$ 3,934.77
3 S-3	Decrease in Funds	\$ (1,395.92)
4	Partnering	\$ 15,000.00
4 S-1	Decrease in Funds	\$ (2,676.83)
5	Dispute Review Board	\$ 15,000.00
5 S-1	Decrease in Funds	\$ (153.35)
6	Graffiti Removal	\$ 4,000.00
6 S-1	Decrease in Funds	\$ (3,309.76)
7	Removal of Man-Made Buried Object	\$ 10,000.00
7 S-1	Decrease in Funds	\$ (572.40)
8	Expediting Construction of Pier 2 Wall and Channel Invert Per ACOE Direction	\$ 3,000.00
8 S-1	Additional Funds	\$ 4,635.53
8 S-2	Additional Funds	\$ 11,517.60
9	Expediting Modification of RCB Connection to San Timoteo Creek Wall Per ACOE Direction	\$ 19,435.00
9 S-1	Additional Funds	\$ 7,430.43
9 S-2	Additional Funds	\$ 8,584.51
9 S-3	Additional Funds	\$ 851.24
10	Shared Maintenance of SWPPP Components	\$ 15,000.00
10 S-1	Decrease in Funds	\$ (9,598.41)
11	Roadway Repairs Caused by Public Traffic	\$ 5,000.00
11 S-1	Decrease in Funds	\$ (4,150.47)
12	Maintain Existing Planting and Irrigation Systems	\$ 10,000.00
12 S-1	Supplement #1 to CCO #12	\$ 16,000.00
12 S-2	Additional Funds	\$ 20,000.00
12 S-3	Additional Funds	\$ (4,975.92)
13	Modify Drainage Detail #11	\$ 4,607.18
14	Restriping Tippecanoe Avenue and Anderson Street	\$ 16,809.40
14 S-1	Traffic Control Plan for Restriping	\$ 1,310.00
14 S-2	Decrease in Funds	\$ (5,200.00)
14 S-3	Decrease in Funds	\$ (852.61)

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15	Disposition of ADL Soil	\$ 137,620.00
15 S-1	Traffic Control Plan	\$ 10,000.00
15 S-2	Disposition of ADL Soil –Extra Work at Force Account	\$ 209,580.00
15 S-3	Additional Time Related Overhead for Change Order #15 and Change Order #16	\$ 73,170.00
15 S-4	Additional Funds for SWPPP Maintenance	\$ 10,000.00
15 S-5	Time Extension and TRO Costs	\$ 44,607.30
15 S-6	Final Determination of ADL Costs	\$ 85,000.00
15 S-7	Decrease in Funds	\$ (41,534.47)
16	Increase/Decrease in Retaining Wall Material	\$ 72,240.00
16 S-1	Additional Quantities for Retaining Wall Material	\$ 51,786.28
16 S-2	Additional Quantities for Retaining Wall Material	\$ 14,200.00
17	Temporary Fiber Optic Change	\$ 20,554.27
18	Modify Drainage Detail 18A and 18D	\$ (1,386.69)
18 S-1	Additional Funds	\$ 271.69
18 S-2	Additional Funds	\$ 723.56
19	Differing Site Conditions – San Timoteo Creek Bridge – Abutment #1	\$ 7,000.00
19 S-1	Decrease in Funds	\$ (903.97)
20	Maintain Existing Electrical Systems	\$ 15,000.00
20 S-1	Additional Funds	\$ 29,917.67
20 S-2	Additional Funds	\$ 6,580.62
20 S-3	Additional Funds	\$ 5,467.73
21	Elimination of Item #51	\$ (3,000.00)
23	Removal of Additional Trees – Resolution of NOPC 1-11-02-13	\$ 32,666.76
24	Replacing JPCP and LCB with Rapid Set JPCP and Rapid Set LCB	\$ 20,005.77
25	Revision of Staging Plans	\$ 9,778.20
25 S-1	Decrease in Funds	\$ (2,918.72)
26	Weekend Closures on I-10 Tippecanoe EB Off-Ramp	\$ 0.00
26 S-1	Date Adjustment for Weekend Closure	\$ 0.00
27	Mitigation of Low R-Values Inside ADL Section	\$ 25,000.00
27 S-1	Supplement 1 – Mitigation of Low R-Values Inside ADL Section	\$ 15,000.00
27 S-2	Additional Funds for Cap Soil	\$ 10,332.55
27 S-3	2 Day Increase in Contract Time	\$ 0.00
27 S-4	Cancellation of S-3 due to scope of CCO No. 47	\$ 0.00
27 S-5	Additional Funds	\$ 84,909.69
28	Mitigation of Low R-Values Outside ADL Section	\$ 80,000.00
28 S-1	Additional Funds	\$ 6,826.46
28 S-2	Additional Funds	\$ 1,254.65
29	Rebar Couplers for San Timoteo Creek Bridge Closure Pour	\$ 32,000.00
29 S-1	Decrease in Funds	\$ (8,299.40)
30	Pedestrian Push Button Assembly	\$ 5,000.00
30 S-1	Decrease in Funds	\$ (789.96)
31	Replacement of Liquid Asphalt (Prime Coat) with Slow Setting Asphaltic Emulsion	\$ 0.00
32	Change from LCB and JPCP to LCB RS and JPCP RS at Ramp Termini	\$ 35,308.60
32 S-1	Decrease in Funds	\$ (1,538.50)
33	Replacement of Concrete Curb on Street and Off-Ramp	\$ 3,684.00
33 S-1	Additional Funds	\$ 1,651.85
34	Modification of DRB Agreement – Position Paper Due Dates	\$ 0.00

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35	Placement of Class II Aggregate Base on Tippecanoe Off-Ramp	\$ 38,500.00
35 S-1	Additional Funds	\$ 16,000.00
35 S-2	Additional Funds	\$ 10,331.48
35 S-3	Additional Funds	\$ 3,459.50
35 S-4	Additional Funds	\$ 23,983.20
36	Modify Existing Irrigation System	\$ 0.00
36 S-1	Additional Funds	\$ 14,300.00
37	Additional Material, Equipment, Labor, TC, Etc. Weekend Work	\$ 12,399.45
37 S-1	Additional Funds	\$ 735.48
37 S-2	Additional Funds	\$ 47,550.01
38	Additional Cold Plane AC	\$ 780.00
38 S-1	Additional Funds	\$ 4,000.00
39	Contingency Temporary Striping	\$ 20,638.00
39 S-1	Decrease in Funds	\$ (1,000.00)
40	Drainage Behind RW 220	\$ 5,000.00
40 S-1	Additional Funds	\$ 1,000.00
40 S-2	Decrease in Funds	\$ (589.44)
41	Electrical Work Stage 3	\$ 10,000.00
41 S-1	Specification Changes	\$ 0.00
41 S-2	Additional Funds	\$ 3,931.73
41 S-3	Rescind Time Extension	\$ 0.00
42	Removal of Tree Stump	\$ 2,000.00
42 S-1	Decrease in Funds	\$ (1,700.00)
43	Addition of One Non-Compensable Day	\$ 0.00
44	Barrier Rail Removal	\$ 3,635.21
45	Temporary Delineation Maintenance	\$ 3,500.00
46	Additional Depth of Rock Blanket	\$ 9,402.94
46 S-1	Decrease in Funds	\$ (57.79)
47	Final Resolution Regarding Project Delays, TRO, LD's	\$ 208,318.36
48	NOPC No. 14 Resolution	\$ 10,890.38
49	Bid Item Overrun/Underrun Final Adjustment	\$ (60,546.48)
49 S-1	Additional Adjustments	\$ (2,734.50)
49 S-2	Additional Adjustments	\$ (2,477.81)
50	Extended Rental of RE Office	\$ 11,547.65
51	Apprentice Training	\$ 5,940.40
68	Increase of Bid Item No. 188	\$ 10,074.00
CCO TOTAL		\$ 1,731,956.59
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 2,206,154.20

I-10 Tippecanoe Avenue Phase II – Executed Change Orders		
Number	Description	Amount
1	Delete Paleontological Resources from Special Provisions	\$ 0.00
2	Revise Special Provisions Section “Work Around Parcel”	\$ 0.00
3	Maintain Traffic	\$ 50,000.00
4	Partnering	\$ 35,000.00
5	Dispute Review Board	\$ 15,000.00
7	Landscaping Repairs	\$ 2,300.00
8	Tree Removal	\$ 6,750.00

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9	Strom Water Maintenance	\$ 19,400.00
10	Buried Man-made Objects	\$ 10,000.00
11	Sign Quantities, Flashing Beacon & Sign Foundation Modifications	\$ 38,089.58
10 S-1	Additional Funds	\$ 20,000.00
12	Placement of Suitable Embankment Material Westbound Off-ramp	\$ 60,000.00
12 S-1	Additional Funds	\$ 75,000.00
13	Replace Paving at Conejo & Lee	\$ 5,000.00
14	Plans & Specs Clarification for Bakers Parking Lot	\$ 0.00
15	Casing for Sound Wall CIDH Pile	\$ 5,000.00
16	Realignment of Drainage System No. 13	\$ 5,000.00
16 S-1	Additional Funds	\$ 3,500.00
17	Driveway Access at 1205 Coulston	\$ 17,177.50
17 S-1	Additional Funds	\$ 850.00
18	Modify Stage Construction (Adding 31 Agency Owned Float)	\$ 0.00
18 S-1	Staging Modifications	\$ 0.00
19	Asphalt Binder Adjustment for RHMA Mix Design	\$ 0.00
20	SCE Electrical Service Change	\$ 0.00
20 S-1	Decrease in conduit and pull boxes	\$ (5,300.00)
21	Apprentice Training Program	\$ 6,400.00
22	Grade Transition at Coulston and Conejo	\$ 25,000.00
23	K-Rail & Crash Cushion	\$ 3,025.00
24	Temporary Pavement Repairs W/B On-Ramp	\$ 8,000.00
25	Maintain Existing and Temporary Electrical Systems	\$ 50,000.00
26	Remove Tree at Del Taco	\$ 5,000.00
26 S-1	Additional Funds for trees at Lee Street	\$ 5,000.00
28	Relocate Water Meters and Gas Meter	\$ 12,000.00
28 S-1	Additional Funds	\$ 41,219.83
29	Curb Wall and Hand Railing	\$ 57,973.30
31	Increase in Bid Item Costs	\$ 13,164.12
31 S-1	Additional Funds	\$ 1,723.04
31 S-2	Additional Funds	\$ 1,420.07
32	Repair Damage by Others	\$ 2,000.00
33	Relocate BK Subs Sign	\$ 14,630.21
34	Install Copper Irrigation Service Line In-lieu of PVC Pipe	\$ 3,569.00
34 S-1	Additional Funds	\$ 8,818.95
34 S-2	Additional Funds	\$ 8,818.95
36	Drainage System No. 22 Re-alignment	\$ 20,000.00
37	AC Paving Transition at Back of New Sidewalk	\$ 8,000.00
40	Electrical Pull Box Wire Theft Deterrent	\$ 1,000.00
41	Rebar Couplers for Bridge Deck Closure Pour	\$ 35,000.00
42	Reinstalling Bakers Drive Thru Parking Lot Items	\$ 10,000.00
43	Drainage System No. 6 Additional Inlet	\$ 27,639.00
CCO TOTAL		\$ 727,168.55
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 1,583,771.87

Attachment: MVSS CCO Log (2547 : Construction Contract Change Orders MVSS1603)

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Amounts shown in parentheses represent a credit to the Agency

Hunts Lane Grade Separation – Executed Change Orders		
Number	Description	Amount
1	Under-Sidewalk Drains and Drainage Call-Outs	\$ (1,100.00)
2	Install Temporary AC Sidewalk South of the RR Tracks	\$ 6,423.00
3	Maintain Existing Electrical	\$ 10,000.00
3 S-1	Maintain Existing Electrical	\$ 20,000.00
4	Man-Made Buried Objects	\$ 80,000.00
4 S-1	Man-Made Buried Objects	\$ 40,000.00
5	Extended Underground Utilities at Oliver Holmes	\$ 15,446.68
6	Maintain Traffic	\$ 20,000.00
6 S-1	Maintain Traffic	\$ 20,000.00
7	Partnering	\$ 5,000.00
8	Dispute Review Board	\$ 10,000.00
8 S-1	Additional Funds	\$ 995.72
9	Trainee	\$ 5,000.00
10	60” Casing Thickness Increase	\$ 16,438.80
11	Substitute Cast-in-Place with Precast Reinforced Concrete Box (RCB)	\$ 0.00
12	Retaining Wall No. 7 Alignment	\$ (2,535.00)
13	Temporary Business Signage	\$ 5,000.00
14	Pedestrian Sidewalk	\$ 10,000.00
14 S-1	Additional Funds	\$ 19,571.63
14 S-2	Additional Funds	\$ 3,455.35
15	MSE Wall Design Methodology	\$ 0.00
16	Additional AT&T Work	\$ 25,500.00
17	16” Waterline Tie-In	\$ 12,700.00
18	SCE Utility Work Deduction	\$ (59,415.80)
19	Drainage Ditch at Club Center Drive	\$ 10,975.00
19 S-1	Additional Funds	\$ 4,298.31
19 S-2	Bypass Channel around Utility Improvements	\$ 9,217.43
19 S-3	Additional Funds	\$ 882.13
19 S-4	Additional Funds	\$ 896.93
20	AT&T Shift for Jacking Pit	\$ 20,000.00
21	Combination of Stages	\$ 0.00
22	Temporary Sewer Tie-In	\$ 70,000.00
22 S-1	Temporary Sewer Tie-In	\$ 40,000.00
23	Temporary Sewer Tie-In	\$ 37,000.00
23 S-1	Temporary Sewer Tie-In	\$ 50,000.00
24	Decatur Irrigation Rebuild	\$ 15,000.00
25	Striping Changes	\$ 0.00
26	Moving Jacking Pit	\$ 10,000.00
26 S-1	Moving Jacking Pit	\$ 30,000.00
27	Hunts Lane Drainage Change	\$ 18,462.00
28	Emergency Access Structure Waterproofing	\$ 7,000.00
29	CIDH Lap Splicing	\$ 5,216.10
30	Temporary Traffic Delineation Removal	\$ 2,365.00
31	Reimburse Pilot Bore	\$ 27,680.21
34	Additional Sewer Manhole	\$ 8,900.00
43	Plant Establishment Type Change	\$ 0.00
45	Additional Working Day’s for Jack and Bore	\$ 0.00

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45 S-1	Additional Working Day's	\$ 0.00
45 S-2	Additional Funds for SWPP & Field Office Rent	\$ 7,474.25
45 S-3	Additional Funds for SWPP & Field Office Rent	\$ 640.65
47	Additional Type CF Service Cabinet	\$ 3,520.00
48	Landscaping Reduction	\$ 6,526.20
49	Closure Panels at MSE Wall and Bridge	\$ 0.00
50	Shorter Street Light Under Edison Lines	\$ 3,299.25
51	Profile Bridge Deck	\$ 2,500.00
52	Deletion of Cross Gutter	\$ 0.00
53	Drain Inlet for Adjacent Properties	\$ 6,500.00
54	Additional Potholing of Edison Facilities	\$ 15,000.00
54 S-1	Decrease of Funds	\$ (7,862.82)
55	Additional Chain Link Fence and Gates	\$ 7,150.00
55 S-1	Additional Funds	\$ 19,580.00
55 S-2	Additional Funds	\$ 6,110.17
55 S-3	Additional Funds	\$ 266.81
56	Removal of At-Grade Crossing Equipment	\$ 20,000.00
56 S-1	Additional Funds	\$ 11,533.66
57	Bollards	\$ 10,000.00
58	Redwood Fence Topper on Masonry Wall	\$ 7,565.80
59	Pavement Markings and Crosswalk Deletion	\$ 3,418.80
61	Thief-Proof Access Panels on Light Standards	\$ 411.72
62	Additional Traffic Safety Items	\$ 10,000.00
62 S-1	Additional Funds	\$ 15,869.97
64	Irrigation System Increase due to Water Meter Locations	\$ 9,780.00
65	Decatur Center Landscaping Payment	\$ 4,002.90
66	Fencing Along UPRR Easement	\$ 7,320.00
69	Superior Truck Company Gate Payment	\$ 5,500.00
71	Settlement of NOPC No. 3	\$ 86,357.51
72	Colton Electric Facility Protection	\$ 3,000.00
73	Settlement of NOPC No. 2	\$ 0.00
74	Settlement of NOPC No. 5	\$ 8,692.46
75	Settlement of NOPC No. 6	\$ 32,929.10
76	Settlement of NOPC No. 7	\$40,145.13
77	Settlement of NOPC No. 4	\$ 0.00
78	Settlement of Deferred Time – 79 Additional Working Days	\$ 0.00
79	Settlement of NOPC No. 11	\$ 9,474.52
80	Settlement of Exception to PFE (Service Splices)	\$ 6,725.00
81	Settlement of Exception to PFE (Additional Irrigation)	\$ 5,078.00
82	Re-grading Trench for 16" Water Line	\$ 6,104.48
83	Cement Slurry Red Dye	\$ 2,095.16
84	Additional Electrical Work	\$ 2,191.77
85	Fire Hydrant Relocation & Additional Sewer Manhole	\$ 25,000.00
86	Damage Repairs from Traveling Public	\$ 7,888.13
87	West Colony Community HOA Settlement	\$ 4,400.00
CCO TOTAL		\$ 1,046,562.11
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 1,833,947.00

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I-10 Riverside Avenue Landscaping EEP – Executed Change Orders		
Number	Description	Amount
1	Project Deficiencies Repairs	\$ 2,500.00
CCO TOTAL		\$ 2,500.00
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 295,226.10

Laurel Street Grade Separation – Executed Change Orders		
Number	Description	Amount
1	Maintain Roadway and Maintain Traffic	\$ 20,000.00
2	Removal and Disposal of Buried Man-Made Object	\$ 10,000.00
3	Revised City of Colton Electrical E-02	\$ 9,476.14
5	RJ&R and TCI Properties	\$ 47,966.00
6	Increase TWC Size of Vault	\$ 4,515.00
7	Compensate Contractor for Payment to AT&T Utility	\$ 109,740.02
7 S-1	Additional Funds	\$ 87,122.00
8	36" Casing – Waterline	\$ 86,535.00
9	Dispute Review Board	\$ 22,500.00
10	Different in Cost 750mm Wire in Lieu of 500mm	\$ 4,000.00
10 S-1	Additional Funds	\$ 4,000.00
10 S-2	Additional Funds	\$ 15,000.0
11	Increase Depth of Colton Vault	\$ 25,000.00
12	Remove Existing SCRRA Materials	\$ 10,000.00
13	Protecting and Repairing Underground Facilities	\$ 5,000.00
13 S-1	Additional Funds	\$ 5,000.00
13 S-2	Additional Funds	\$ 10,000.00
17	BNSF Shoofly Drainage	\$ 28,228.00
19	Additional Fire Protection Measures	\$ 11,794.62
19 S-1	Additional Funds	\$ 105,100.00
19 S-2	Additional Funds	\$ 3,673.05
21	Miller's Honey Stairs, Ramps and Parking Lot Modifications	\$ 12,160.00
24	Irrigation Back-flow Substitution	\$ 0.00
30	Concrete in Lieu of AC on RJ&R Property	\$ 16,800.00
32	Differing Site Conditions – Piling	\$ 20,000.00
32 S-1	Additional Funds	\$ 90,000.00
32 S-2	Additional Funds	\$ 50,000.00
33	3' Wide Pavement Transition	\$ 10,800.00
33 S-1	Additional Funds	\$ 5,000.00
35	Revised Hot Mixed Asphalt Specifications	\$ 0.00
36	Crude Oil Price Index Fluctuation	\$ 40,000.00
37	AT&T Relocations Additional Work	\$ 7,000.00
38	Striping and Bumpers in TCI Back lot	\$ 7,470.00
39	Additional Remotes for TCI Automatic Gate	\$ 3,937.64
40	Mobilization Costs due to Relocation Delays of waterline and AT&T	\$ 28,000.00
41	Revisions to Specs for Double Swing Gate	\$ 0.00
42	Temporary AC and Re-mob for Miller's Honey Paving	\$ 8,090.00
43	SWRCB Annual Permit	\$ 1,483.90

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Attachment: MVSS CCO Log (2547 : Construction Contract Change Orders MVSS1603)

44	Retaining Curb on TCI Property	\$ 5,000.00
45	Cost to meet Right of Way Obligations	\$ 20,000.00
45 S-1	Additional Funds	\$ 30,000.00
46	BNSF Signal Bridge	\$ 14,000.00
47	Bridge Access Casings	\$ 30,350.00
48	Additional Earthwork Mobilization for BNSF Work	\$ 25,000.00
50	10-inch Wall at Retaining Wall No. 2	\$ 50,000.00
50 S-1	Additional Funds	\$ 50,000.00
51	Planter Walls at Adjacent Properties	\$ 16,000.00
51 S-1	Additional Funds	\$ 21,700.00
52	Extend Bridge Concrete Barrier	\$ 4,000.00
53	Supports for Temporary BNSF Overhead Signal Cables	\$ 130,815.65
53 S-1	Decrease Funds	\$ (68,961.20)
55	Additional Ballast/Sub-Ballast	\$ 54,294.45
56	BNSF Signal Cable Trenching	\$ 11,630.00
57	Profilograph Work on Access Bridge	\$ 3,000.00
59	Additional Form Liners	\$ 52,690.18
60	Bid Item Adjustments to Eliminate 4" Elevation Difference	\$ 7,041.30
61	Form Liner Specification Change	\$ 0.00
CCO TOTAL		\$ 1,381,951.75
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 2,754,187.72

SR-210 Segment 8 Landscaping EEP – Executed Change Orders		
Number	Description	Amount
1	Slope Erosion Control Measures	\$ 15,000.00
2	Replace Remote Control Valve Solenoids	\$ 5,299.90
CCO TOTAL		\$ 20,299.90
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 199,918.60

SR-210 Segment 11 Landscaping – Executed Change Orders		
Number	Description	Amount
2	Install Roadside Signs	\$ 1,955.96
3	Water Meter Fee Adjustment	\$ 41,729.38
3 S-1	Additional Funds	\$ 6,515.39
4	Locate Existing Crossovers	\$ 30,000.00
4 S-1	Returning Unused Funds to Contingency	\$ (3,429.76)
5	Install Irrigation Crossovers	\$ 40,000.00
5 S-1	Install Irrigation Crossovers	\$ 5,965.81
6	Traffic Control	\$ 5,000.00
6 S-1	Additional Funds	\$ 1,181.90
7	Install Wireless Communication	\$ 7,237.60
7 S-1	Additional Funds	\$ 5,342.31
7 S-2	Additional Funds	\$ 2,944.19
8	Repair Slipped Slope	\$ 64,844.08
8 S-1	Addition of 10 Working Days to Contract Time	\$ 0.00
8 S-2	Returning Unused Funds to Contingency	\$ (15,446.49)
9	Remove Man-Made Objects	\$ 10,000.00

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9 S-1	Additional Funds	\$ 3,829.89
10	Wildflower Seed Change	\$ 0.00
11	Rock Blanket and V-Ditch	\$ 80,000.00
12	Pothole Paving	\$ 33,378.72
13	Additional 1.5" Electrical Conduit	\$ 8,971.96
13 S-1	10% Markup on Subcontractor Electrical work	\$ 987.20
14	Shared Cost for Fiber Optic Repairs	\$ 950.00
15	Slope Paving Repairs	\$ 12,000.00
15 S-1	Returning Unused Funds to Contingency	\$ (939.09)
16	Bid Item Overrun/Underrun Final Adjustment	\$ 36,441.15
17	Replace Frost Damaged Plants	\$ 7,500.00
17 S-1	Additional Funds	\$ 908.21
18	Three (3) Additional Work Days	\$ 0.00
CCO TOTAL		\$ 387,868.41
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 445,031.83

SR-210 Segment 9 & 10 Landscaping EEP – Executed Change Orders		
Number	Description	Amount
1	Irrigation Controller Repair	\$ 616.43
2	Additional Irrigation Controller Repair	\$ 1,019.17
3	Repair Leaking Backflow and Meter	\$ 1,500.00
CCO TOTAL		\$ 3,135.60
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 295,226.10

I-215 Segment 1 & 2 Project – Executed Change Orders		
Number	Description	Amount
001	Traffic Control	\$ 100,000.00
001 – S1	Traffic Control – Additional Funds	\$ 100,000.00
001 – S2	Traffic Control – Additional Funds	\$ 150,000.00
001 – S3	Traffic Control – Additional Funds	\$ 100,000.00
001 – S4	Traffic Control – Additional Funds	\$ 125,000.00
001 – S5	Traffic Control – Additional Funds	\$ 250,000.00
001 – S6	Traffic Control – Additional Funds	\$ 205,000.00
001 – S7	Traffic Control – Additional Funds	\$ 7,610.13
001 – S8	Traffic Control – Additional Funds	\$ 15,313.38
001 – S9	Traffic Control – Additional Funds	\$ 3,750.07
002	Establish a Dispute Review Board	\$ 35,000.00
002 – S1	Establish a Dispute Review Board – Additional Funds	\$ 913.78
002 – S2	Establish a Dispute Review Board – Additional Funds	\$ 187.50
003	Establish a Partnering Training Workshop	\$ 50,000.00
004	Hot Mix Asphalt Price Fluctuation Adjustment of Compensation	\$ 230,000.00
004 – S1	Hot Mix Asphalt Price Fluctuation Adjustment of Compensation – Additional Funds	\$ 100,000.00
004 – S2	Hot Mix Asphalt Price Fluctuation Adjustment of Compensation – Additional Funds	\$ 300,000.00
004 – S3	Hot Mix Asphalt Price Fluctuation Adjustment of Compensation – Additional Funds	\$ 210,000.00

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004 – S4	Hot Mix Asphalt Price Fluctuation Adjustment of Compensation – Additional Funds	\$ 50,000.00
005	Maintain Existing Electrical	\$ 50,000.00
005 – S1	Maintain Existing Electrical – Additional Funds	\$ 50,000.00
005 – S2	Maintain Existing Electrical – Additional Funds	\$ 75,000.00
005 – S3	Maintain Existing Electrical – Additional Funds	\$ 24,000.00
005 – S4	Maintain Existing Electrical – Additional Funds	\$ 95,000.00
005 – S5	Maintain Existing Electrical – Additional Funds	\$ 145,000.00
005 – S6	Maintain Existing Electrical – Time Deferment, 4 Days	\$ 0.00
006	Sound Wall Block Detail Revision	\$ 0.00
007	Architectural Treatment Test Panel Size Revision	\$ 0.00
008	Just-In-Time Training for PCC Pavement and Paving Techniques	\$ 6,000.00
009	SWPPP Maintenance	\$ 100,000.00
009 – S1	SWPPP Maintenance – Additional Funds	\$ 950,000.00
009 – S2	SWPPP Maintenance – Additional Funds	\$ 395,000.00
009 – S3	SWPPP Maintenance – Additional Funds	\$ 250,000.00
009 – S4	SWPPP Maintenance – Additional Funds	\$ 9,100.31
010	Utility Potholing	\$ 10,000.00
010 – S1	Utility Potholing – Additional Funds	\$ 10,000.00
010 – S2	Utility Potholing – Additional Funds	\$ 10,000.00
010 – S3	Utility Potholing – Additional Funds	\$ 10,000.00
010 – S4	Utility Potholing – Additional Funds	\$ 20,000.00
011	Buried Man-Made Object	\$ 20,000.00
011 – S1	Buried Man-Made Object – Additional Funds	\$ 30,000.00
011 – S2	Buried Man-Made Object – Additional Funds	\$ 50,000.00
011 – S3	Buried Man-Made Object – Additional Funds	\$ 50,000.00
011 – S4	Buried Man-Made Object – Additional Funds	\$ 49,000.00
011 – S5	Buried Man-Made Object – Additional Funds	\$ 50,000.00
011 – S6	Buried Man-Made Object – Additional Funds	\$ 95,000.00
011 – S7	Buried Man-Made Object – Time Deferment	\$ 0.00
011 – S8	Buried Man-Made Object – Additional Funds	\$ 2,594.59
012	Provide Access Control Fence	\$ 50,000.00
014	Optional Steel Pipe Pile Specification	\$ 0.00
015	Modify 13 th Street Off-Ramp	\$ 83,325.00
016	Change to Precast Girders at Redlands Loop	\$ 0.00
017	Temporary Fiber Optic	\$ 12,605.00
018	Repair Roadway	\$ 25,000.00
018 – S1	Repair Roadway – Additional Funds	\$ 25,000.00
018 – S2	Repair Roadway – Additional Funds	\$ 50,000.00
018 – S3	Repair Roadway – Additional Funds	\$ 50,000.00
018 – S4	Repair Roadway – Additional Funds	\$ 100,000.00
018 – S5	Repair Roadway – Additional Funds	\$ 125,000.00
018 – S6	Repair Roadway – Additional Funds	\$ 100,000.00
018 – S7	Repair Roadway – Additional Funds	\$ 59,608.04
018 – S8	Repair Roadway – Additional Funds	\$ 17,459.60
018 – S9	Repair Roadway – Additional Funds	\$ 0.00
018 – S10	Repair Roadway – Additional Funds	\$ 190.22
019	Change Sound Wall Pile Steel to No. 3 Rebar	\$ 0.00
020	Realign DS #6	\$ 2,398.00

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021	Shear Ring Alternate Welding Method	\$ 0.00
022	Temporary Chain Link Fence at Verizon Yard	\$ 9,500.00
023	Revise DS #20	\$ 9,239.00
024	Change Traffic Opening at 9 th Street	\$ 0.00
025	Revise RW 106W and DS #8, 13 and 100	\$ 15,390.02
026	1200mm Casing for 600mm Jack Pipe DS #8 and 14	\$ 0.00
027	Change Traffic Opening at Baseline Street Over Crossing	\$ 0.00
028	Rialto Top Deck Reinforcement	\$ 0.00
029	Tie-In DS #10-0 to Segment 3	\$ 80,000.00
029 – S1	Tie-In DS #10-0 to Segment 3 – Time Deferment Closure	\$ 0.00
029 – S2	Tie-In DS #10-0 to Segment 3 – Additional Funds	\$ 40,000.00
030	Modify Overhead Sign ‘H’ Values	\$ 13,258.64
030 – S1	Sign B New Foundation	\$ 51,297.29
031	Change Bearing Pad Thickness at 5 th / 215 Southbound on Ramp	\$ 0.00
032	Right-of-Way Delay DS #100 2 nd Street	\$ 10,000.00
033	Modify DS #101 and 102 West of 9 th Segment 2	\$ 63,758.60
033 –S1	Modify DS #101 and 102 West of 9 th Segment 2 – Additional Funds	\$ 35,000.00
033 – S2	Modify DS #101 and 102 West of 9 th Segment 2 – Additional Funds	\$ 52,501.94
033 – S3	Modify DS #101 and 102 West of 9 th Segment 2 – Additional Funds	\$ 25,000.00
033 – S4	Modify DS #101 and 102 West of 9 th Segment 2 – Additional Funds	\$ 30,000.00
034	Modify DS #19 Segment 2	\$ 60,000.00
034 – S1	Modify DS #17 and #19 Segment 2	\$ 51,453.50
034 – S2	Modify DS #17 and #19 Segment 2 – Additional Funds	\$ 95,000.00
034 – S3	Modify DS #17 and #19 Segment 2 – Additional Funds	\$ 16,007.92
034 – S4	Modify DS #17 and #19 – Time Deferment	\$ 0.00
035	Change incandescent ‘Meter On’ Sign	\$ 2,547.55
036	Strengthen Outside Shoulder	\$ 29,789.00
037	Protect Arco Station Sign and Greenbelt	\$ 10,000.00
039	Credit for Traffic Screen	\$ (35,715.00)
040	Inlet Guards	\$ 12,455.00
041	Relocate Fiber Optic Conduit at Redlands Loop	\$ 0.00
042	Southbound I-215 Detour North of 16 th Street	\$ 152,770.00
042 – S1	Southbound I-215 Detour North of 16 th Street – Additional Funds	\$ 50,000.00
042 – S2	Southbound I-215 Detour North of 16 th Street – Additional Funds	\$ 27,000.00
042 – S3	Southbound I-215 Detour North of 16 th Street – Time Deferment	\$ 0.00
043	Revise Retaining Wall 242B, Add 242C	\$ 112,324.75
044	Third Street Train Mural	\$ 4,925.49
045	Right-of-Way Delay for DS #100 at 3 rd Street Power Pole	\$ 4,182.99
047	Baseline Abutment 1 Right-of-Way Delays Due to BNSF Cables	\$ 55,000.00
047 – S1	Baseline Mitigation of Critical Path Delay	\$ 60,000.00
048	Revise Structural Section 8 and 13	\$ 19,470.00
049	Frame Roadside Signs	\$ 3,066.90
049 – S1	Additional Framed Signs	\$ 1,482.69
050	Change the Sta. for Abutment 1 and 7 16 th Street	\$ 0.00
051	TCE at ARCO Station at Baseline and H Street	\$ 0.00
052	Changes to Special Provisions for CIDH Payment Clause	\$ 0.00
053	Service Conduits for SCE Service Connections	\$ 23,218.32
054	Revise Vertical Drop Connection	\$ 0.00
055	Clean Out Storm Drain at 9 th Street	\$ 4,200.00

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056	Revise DS #4, 6 and 84	\$ 5,841.20
057	Graffiti Removal	\$ 20,000.00
057 – S1	Graffiti Removal – Additional Funds	\$ 50,000.00
057 – S2	Graffiti Removal – Additional Funds	\$ 25,000.00
057 – S3	Graffiti Removal – Additional Funds	\$ 75,000.00
058	Salvage Vehicle Detection System	\$ 15,000.00
059	Reduce ADL Quality Bid Item 70 and 71	\$ 0.00
060	3 rd Street Bridge Temporary Retaining Wall Structure Backfill	\$ 25,000.00
061	Additional Drainage Inlet at 3 rd Street	\$ 8,500.00
062	New SWPPP Permit Requirements	\$ 160,665.00
062 – S1	New NPDES Permit – Order No. 2009-0009-DWG	\$ 574,911.32
062 – S2	New NPDES Permit – Order No. 2009-0009-DWG	\$ 55,024.95
062 – S3	New NPDES Permit – Order No. 2009-0009-DWQ – Additional Funds	\$ 113,909.31
062 – S4	New NPDES Permit – Order No. 2009-0009-DWQ – Additional Funds	\$ 332,960.00
063	Additional Bracing for Falsework Bent 2-5 at Baseline Street OC/OH	\$ 15,000.00
064	Right-of-Way Obligations	\$ 25,000.00
064 – S1	Right-of-Way Obligations – Additional Funds	\$ 25,000.00
064 – S2	Right-of-Way Obligations – Additional Funds	\$ 49,000.00
064 – S3	Right-of-Way Obligations – Additional Funds	\$ 86,000.00
064 – S4	Right-of-Way Obligations – Additional Funds	\$ 150,000.00
064 – S5	Right-of-Way Obligations – Additional Funds	\$ 150,000.00
064 – S6	Right-of-Way Obligations – Additional Funds	\$ 90,000.00
064 – S7	Right-of-Way Obligations – Additional Funds	\$ 27,650.95
064 – S8	Right-of-Way Obligations – Additional Funds	\$ 976.41
065	Remove Existing Storm Drain 62A	\$ 6,500.00
066	Repair Deck Opening and Joint on Redlands Loop and Rialto Bridges	\$ 90,105.80
067	5 th Street Southbound Off-Ramp Acceleration	\$ 50,000.00
068	Modify Drainage Systems	\$ 100,000.00
068 – S1	Modify Drainage Systems – Additional Funds	\$ 90,000.00
068 – S2	Modify Drainage Systems – Additional Funds	\$ 85,000.00
068 – S3	Modify Drainage Systems – Additional Funds	\$ 250,000.00
064 – S4	Modify Drainage Systems – Additional Funds	\$ 120,000.00
068 – S5	Modify Drainage Systems – Additional Funds	\$ 60,000.00
068 – S6	Modify Drainage Systems – Additional Funds	\$ 75,000.00
068 – S7	Modify Drainage Systems – Time Deferment	\$ 0.00
069	Stage Construction 4 th Through 6 th	\$ 95,000.00
069 – S1	Stage Construction 4 th Through 6 th – Additional Funds	\$ 50,000.00
069 – S2	Stage Construction 4 th Through 6 th – Additional Funds	\$ 40,625.22
069 – S3	Stage Construction 4 th Through 6 th – Time Deferment	\$ 0.00
070	Temporary Paving Under 259	\$ 145,927.00
070 – S1	Additional Funds	\$ 53,858.01
071	Repair Fiber Optic Cable at 3 rd Street	\$ 22,000.00
072	Move Gore North for 215/259	\$ 40,000.00
073	Alignment and Temporary Paving Change Sta. 118 to Sta. 121 Median	\$ 0.00
074	Move SCE Connection at 5 th Street	\$ 30,394.56
075	Modify DS #115 at 16 th Street and H Street	\$ 11,530.90
076	Delete Shiner on Retaining Walls, Segment 1	\$ 0.00
077	Modify Drainage Systems G1 to G2 Types	\$ 38,334.30
078	Settlement of NOPC No. 1 – Pump House at 6 th Street	\$ 18,890.32

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079	Revised Staging Northbound 2 nd Street Off-Ramp – 2 nd Lane Addition	\$ 25,000.00
079 – S1	Revised Staging Northbound 2 nd Street Off-Ramp	\$ 3,059.13
080	Delete Electrical and Cable Conduit Blockout and Casings at 9 th Street Bridge	\$ 2,000.00
081	Increase Quantities for Bid Item #202 – Welded Steel Pipe Casing (Bridge)	\$ 39,480.00
083	Revised SCE Connection Points	\$ 5,358.47
083 – S1	Revised SCE Connection Points – Addition of Trenton Street	\$ 10,646.65
084	Restage North End of Project and Temporary Southbound 3 rd Street Off-Ramp	\$ 1,630,850.00
084 – S1	Restage North End of Project and Temporary Southbound 3 rd Street Off-Ramp – Additional Funds	\$ 75,000.00
084 – S2	Additional Funds for the BAS Rental Property	\$ 1,343.54
085	Revise DS #38 Callouts	\$ 0.00
086	Chain Link Railing Fabric Color Change	\$ 64,003.59
087	Sidewalk Joint Armor at 9 th Street and Baseline Street OC/OH	\$ 25,000.00
088	Remove Contaminated Material at RW136	\$ 50,000.00
089	CIDH Pile Changes S259/S215 Connector	\$ 75,212.00
090	Electrical Change 2 nd and I Street and 9 th and H Street	\$ 9,499.00
091	Southbound Transition Segment 5 into Segment 2	\$ 75,000.00
091 – S1	Southbound Transition Segment 5 into Segment 2 – Additional Funds	\$ 60,000.00
092	Premium Time for Baseline and H Street Intersection	\$ 25,000.00
092 – S1	Additional Funds	\$ 1,306.16
093	Relocate Signal at South East Corner of 2 nd Street and Southbound On-Ramp	\$ 18,350.00
094	Settlement of NOPC No. 3 – Temporary Power Poles (2 nd and 3 rd Street)	\$ 34,345.28
095	Revised Deck Contours for 5 th Street to S215 On-Ramp	\$ 0.00
096	Northbound Transition Segment 2 into Segment 5	\$ 80,145.00
097	Modify Bioswale No. 3, Segment 2	\$ 14,732.00
098	Eliminate BI #184 Prepare and Paint Concrete Median Barrier Surfaces	\$ (65,590.00)
099	DS #100 Verizon Utility Conflict	\$ 24,000.00
099 – S1	DS #100 Verizon Utility Conflict – Additional Funds	\$ 86,394.57
100	Expansion Deflection Couplers at Baseline	\$ 2,415.35
101	Remove PCCP at South End of Project	\$ 85,000.00
102	Eliminate Bid Item No. 143 – Anti-Graffiti Coating	\$ (262,800.00)
103	Traffic Signal Modification at 5 th Street Ramps	\$ 9,375.31
104	Add CTPB Under Approach Slab Type R at Redlands Loop Widen and Rialto Avenue Widen	\$ 88,330.56
104 – S1	Revised Layout for Type R Approach Slab at Redlands Loop	\$ 0.00
105	Changes to Moment Barrier Slab Wall 117W	\$ 77,228.78
106	Revised Pile Layout Abut 1 Baseline Stage 2	\$ 80,476.19
107	Sound Wall No. 1 Extension	\$ 144,330.00
107 – S1	Settlement of NOPC NO. 18 – Addition of Sound Wall No. 122	\$ 50,000.00
108	Underdrain at Wall 116W	\$ 40,540.00
109	Move SE-22 Crossing North for 5 th Street Southbound Off-Ramp	\$ 9,438.14
109 – S1	Power for Service SE-19 for Luminaires 32, 34, 35	\$ 15,346.41
110	Column Casing Specification Changes	\$ 0.00
111	Contour Grading at 5 th Street and BNSF Rail Road	\$ 30,000.00
111 – S1	Contour Grading at 5 th Street and BNSF Rail Road – Additional Funds	\$ 20,000.00

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111 – S2	Regrade and Concrete Line Earthen Ditches on the West Side of BNSF Right-of-Way	\$ 40,000.00
111 – S3	Regrade and Concrete Line Earthen Ditches on the West Side of BNSF Right-of-Way – Time Deferment	\$ 0.00
112	Install Type ‘D’ Bike Loops	\$ 16,925.08
113	Transition Barrier Between 5 th Street and S215/5 th Street Off-Ramp to Match Existing Bridge	\$ 10,000.00
113 – S1	Retaining Wall 128 Transition Barrier Type 732A	\$ 10,000.00
114	Southbound Baseline On and Off-Ramp Isolation Casing Revisions	\$ 18,848.42
115	Alternative Anchorage Bridge Mounted Signs	\$ 0.00
116	Intentionally Roughening the Bridge Stems	\$ 0.00
117	Modify the 732 Concrete Barriers at DS #8 and 11 Inlets	\$ 5,000.00
117 – S1	Modify the 732 Concrete Barriers at DS #8 and 11 Inlets – Additional Funds	\$ 5,000.00
117 – S2	Modify the 732 Concrete Barriers at DS #8 and 11 Inlets – Additional Funds	\$ 10,000.00
118	Soffit Lighting Layout Changes at 2 nd and 3 rd Street Bridges	\$ 7,916.33
119	Change to Deck Drain Layout at 5 th Street to S215 On-Ramp	\$ 15,000.00
120	Modify and Upgrade Communications Systems	\$ 64,836.00
121	Pull Box Anti-Theft Installation	\$ 40,000.00
121 – S1	Pull Box Anti-Theft Installation – Additional Funds for Caltrans Pull Boxes	\$ 95,000.00
121 – S2	Utility Markers and Installation for Caltrans Pull Boxes – Additional Funds	\$ 10,000.00
121 – S3	Utility Markers and Installation for Caltrans Pull Boxes – Additional Funds	\$ 50,000.00
121 – S4	Utility Markers and Installation for Caltrans Pull Boxes – Additional Funds	\$ 100,000.00
121 – S5	Utility Markers and Installation for Caltrans Pull Boxes – Additional Funds	\$ 22,324.69
121 – S6	Utility Markers and Installation for Caltrans Pull Boxes – Additional Funds	\$ 1,152.98
122	Settlement of NOPC No. 8 – Storm Drain Repair	\$ 120,000.00
123	Relocate SE-09, Add PPB, Revise Highland Ramp Lighting Connection	\$ 27,863.48
124	Temporary Paving for Northbound 2 nd Street Off-Ramp	\$ 30,000.00
124 – S1	Temporary Paving for Northbound 2 nd Street Off-Ramp – Additional Funds	\$ 15,000.00
125	Clearing and Grubbing Not Shown on Plans	\$ 40,000.00
126	Baseline Street Lighting	\$ 766.32
127	Replace Damaged Existing PCCP Slabs	\$ 80,000.00
127 – S1	Replace Damaged Existing PCCP Slabs – Additional Funds	\$ 40,000.00
127 – S2	Replace Damaged Existing PCCP Slabs – Time Deferment	\$ 0.00
128	Drainage at Retaining Wall 242A	\$ 69,122.75
128 – S1	Drainage at Retaining Wall 242A	\$ 16,129.25
129	Polyester Concrete Overlay at Rialto Avenue Bridge	\$ 194,000.45
129 – S1	Polyester Concrete Overlay at Rialto Avenue Bridge – Additional Funds	\$ 63,250.00
129 – S2	Polyester Concrete Overlay at Rialto Avenue Bridge – Time Deferment	\$ 0.00
130	Slope Paving at 16 th Street	\$ 17,118.80
130 – S1	Settlement of NOPC No. 29 – Barrier at Trenton	\$ 9,000.00

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131	Settlement of NOPC No. 7 – Settlement Embankment	PENDING
132	Settlement of NOPC No. 9 – Importing of K-Rail Compensation Denied	\$ 24,000.00
133	Settlement of NOPC No. 14 – Rejection of Additional Costs Due to Redesign of RW242B	\$ 125,000.00
134	Stage 2B Phase 2 Northbound Transition	\$ 106,387.57
134 – S1	Stage 2B Phase 2 Northbound Transition – Additional Funds	\$ 18,968.36
135	City Work at Baseline Street	\$ 25,000.00
136	Adjustment of Temporary Construction Entrances	\$ 106,000.00
136 – S1	Adjustment of Temporary Construction Entrances – Additional Funds	\$ 77,000.00
136 – S2	Adjustment of Temporary Construction Entrances – Additional Funds	\$ 42,000.00
137	Ramp Metering System Loop Detection Changes	\$ 19,325.87
138	Pillow Wall Removal at Baseline	\$ 18,180.00
139	Drainage Changes as DS #72, Add DS #151 at SR259, Segment 2	\$ 44,353.00
140	Concrete Rubble at RW137 – Settlement of NOPC No. 13	\$ 31,921.00
141	Temporary Bracing for 3 rd Street Over Crossing	\$ 10,000.00
142	Sound Wall No. 126C Barrier Texture	\$ 4,492.00
142 S-1	Add Texture to Concrete Barrier Type 736S at SW126A	\$ 11,823.00
143	Temporary Concrete Barrier at 2 nd Street	\$ 68,000.00
144	Settlement of NOPC No. 16-P30 End Anchors and Transition Slabs	\$ 65,247.50
145	Sound Wall No. 126C Alignment Change	\$ 20,000.00
146	Settlement of NOPC No. 10 – Baseline Street	\$ 137,000.00
147	Removal of Underground Storage Tank at RW109E	\$ 30,000.00
148	Northbound Transition Stage 3B on ‘P’ Line	\$ 89,013.99
148 – S1	Northbound Transition Stage 3B on ‘P’ Line – Adjustment of Compensation	\$ 2,192.49
149	BI #16 Construction Area Signs	\$ (33,120.00)
150	Roadside Signs	\$ 74,290.00
150 – S1	Roadside Signs – Time Deferred	\$ 0.00
151	Temporary Sign Panel Overlay NB BMS 9 th and Baseline	\$ 13,200.00
152	Removal of Asbestos Pipe – Baseline Street to SB215 On-Ramp	\$ 15,000.00
153	Revisions to Bridge Mounted Signs at 9 th and Baseline Street	\$ 228,957.75
154	Revisions to ‘SFR’ and 3 rd Street	\$ 24,330.00
154 – S1	Modify Signalization of ‘SFR’ and 3 rd Street	\$ 5,291.84
155	Replace ‘REACT’ Crash Cushion with Concrete Barrier at ‘5SE’	\$ 172,473.82
156	Install Chain Link Fence on Sound Wall at 9 th Street	\$ 9,250.00
157	16 th Street Bent Cap Reinforcement PT Conflict	\$ 21,066.00
157 – S1	16 th Street Bent Cap Steel, Bents 2, 3, 4 and 5	\$ 30,000.00
158	Drainage Modifications at ‘5SE’ Line	\$ 99,000.00
158 – S1	“5SE” Gore Modification	\$ 20,000.00
158 – S2	“5SE” Gore Modification – Additional Funds	\$ 30,000.00
158 – S3	“5SE” Gore Modification – Time Deferment	\$ 0.00
158 – S4	“5SE” Gore Modification – Additional Funds	\$ 9,629.13
158 – S5	“5SE” Gore Modification – Additional Funds	\$ 4,599.32
159	Modify DS #8(qq) Inlet	\$ 5,461.40
160	Modify Barrier at Retaining Wall 108E	\$ 20,000.00
161	Irrigation Crossover at Northbound Highland Avenue Off-Ramp	\$ 24,000.00
161 – S1	Irrigation Crossover at Northbound Highland Avenue Off-Ramp – Additional Funds	\$ 174.27
162	Eliminate Jacking for 2 nd Street UC and 3 rd Street UC for Stage 3B	\$ (10,000.00)

Bolded - Construction Change Orders approved since the last reporting to the Metro Valley Study Session
Amounts shown in parentheses represent a credit to the Agency

163	City Water Meter Change and Adjustment of Compensation	\$ (145,985.05)
163 – S1	Cost Adjustment to 40mm Water Meters	\$ 7,890.00
163 – S2	Delete Two Water Meters and BPA	\$ (23,072.29)
164	Modify DS #71(a)	\$ 2,775.15
165	Modify DS #103	\$ 13,203.00
166	Settlement of NOPC NO. 17 – Overhead Power Lines	\$ 63,000.00
167	Settlement of NOPC NO. 21 – Pinning of K-Rails	\$ 30,000.00
168	Inefficiencies Due to OH Power Lines at Southbound Baseline On-Ramp	\$ 10,000.00
169	Delete Bid Item 183 – Clean and Paint Structural Steel	\$ (12,000.00)
170	Export Soil with Rubble to 13 th Street and H Street Site	\$ 45,000.00
170 – S1	Export Soil from Old 13 th Street Ramp Off Site	\$ 60,000.00
170 – S2	Additional Funds	\$ 115,965.86
171	Revise 3 rd Street Abutment 2 Footing	\$ 10,118.00
171 – S1	Revise 3 rd Street Abutment 2 Footing – Time Deferment Closure	\$ 0.00
172	Settlement of NOPC No. 23 – Differing Site Conditions at Redlands Loop	\$ 15,531.00
173	Additional Soffit Lighting at 2 nd Street Bridge	\$ 11,519.59
173 – S1	Additional Soffit Lighting at 2 nd Street Bridge – Time Deferment	\$ 0.00
174	Settlement of NOPC NO. 22 – Temporary Lighting	\$ 20,000.00
175	Hubbard State Right-of-Way Adjustment	\$ 10,008.00
175 – S1	Concrete Barrier Right of ‘P’ Line	\$ 75,000.00
175 – S2	Time Deferment – 3 Days	\$ 0.00
175 – S3	Hubbard State Right-of-Way Adjustment – Time Deferment	\$ 0.00
175 – S4	Concrete Barrier Right of ‘P’ Line – Additional Funds	\$ 2,219.07
176	Delete Type 60G Barrier in Segment 1	\$ (7,000.00)
176 – S1	Delete Type 60G Barrier in Segment 1 – Time Deferment	\$ 0.00
177	Paint Sound Wall Cover Plates After Galvanizing	\$ 2,672.13
177 – S1	Paint Sound Wall Cover Plates After Galvanizing – Time Deferment	\$ 0.00
178	Railing at ‘P’ Line and ‘R’ Line	\$ 35,660.00
178 – S1	Railing at ‘P’ Line and ‘R’ Line – Additional Funds	\$ 3,483.84
178 – S2	Railing at ‘P’ Line and ‘R’ Line – Time Deferment	\$ 0.00
179	Strengthen Concrete Barrier Rail on ‘3NO’ Line	\$ 18,698.00
179 – S1	Strengthen Concrete Barrier Rail on ‘3NO’ Line – Time Deferment	\$ 0.00
180	Drainage Improvements at 3 rd Street and ‘3SE’ Line	\$ 15,000.00
180 – S1	Drainage Improvements at 3 rd Street and ‘3SE’ Line – Additional Funds	\$ 10,000.00
180 – S2	Drainage Improvements at 3 rd Street and ‘3SE’ Line – Time Deferment	\$ 0.00
181	New Sign Panels on Existing Sign Structures at 5 th Street OC	\$ 15,000.00
181 – S1	New Sign Panels on Existing Sign Structures at 5 th Street OC – Time Deferment	\$ 0.00
182	Additional 60E Median Concrete Barrier	\$ 11,808.00
182 – S1	Additional 60E Median Concrete Barrier – Time Deferment	\$ 0.00
183	Location Change for Sign ‘H’ Segment 1	\$ 0.00
184	Sound Wall 134 Alignment Change	\$ (16,635.60)
185	Settlement of NOPC No. 12 – Track Monitoring at RW137	\$ 91,041.00
186	Payment for Barrier Mounted Signs	\$ 149,903.59
186 – S1	Payment for Barrier Mounted Signs – Time Deferment	\$ 0.00
187	Adjust Overhead Sign ‘Q’ at Baseline	\$ 45,000.00
187 – S1	Adjust Overhead Sign ‘Q’ at Baseline – Time Deferment	\$ 0.00
188	Block Out Around MBGR Posts Per New Standard	\$ 30,000.00
188 – S1	Block Out Around MBGR Posts Per New Standard – Additional Funds	\$ 70,000.00

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Amounts shown in parentheses represent a credit to the Agency

Attachment: MVSS CCO Log (2547 : Construction Contract Change Orders MVSS1603)

188 – S2	Block Out Around MBGR Posts Per New Standard – Time Deferment	\$ 0.00
189	SR259 Median Removal and Tie-In	\$ 45,000.00
189 – S1	SR259 Median Removal and Tie-In – Additional Funds	\$ 14,333.28
189 – S2	SR259 Median Removal and Tie-In – Time Deferment	\$ 0.00
189 – S3	SR259 Median Removal and Tie-In – Additional Funds	\$ 10,293.26
190	Decrease Bid Item No. 110 – Grind Existing Concrete Pavement	\$ (78,867.60)
191	Seal Joints in Existing Concrete Pavement	\$ 30,000.00
191 – S1	Seal Joints in Existing Concrete Pavement – Time Deferment	\$ 0.00
192	Additional Drainage Swale Along BNSF Right-of-Way	\$ 113,234.71
192 – S1	Additional Drainage Swale Along BNSF Right-of-Way – Time Deferment	\$ 0.00
193	Payment for Fence, Barrier Surface, Sound Wall Mounted Signs	\$ 34,339.00
193 – S1	Payment for Laminated Box Beam Sign 2-20-5 and 6	\$ 28,489.18
193 – S2	Payment for Laminated Box Beam Sign 2-20-5 and 6 – Time Deferment	\$ 0.00
194	Modifications to Existing Electrical Systems due to Contract Work	PENDING
195	Add Drainage Inlet Type G-2 at Sta. 133+45	\$ 15,000.00
195 – S1	Add Drainage Inlet Type G-2 at Sta. 133+45 – Time Deferment	\$ 0.00
196	Spandrel, Curb and Gutter North Side of 9 th and J Street	\$ 15,000.00
196 – S1	Spandrel, Curb and Gutter North Side of 9 th and J Street – Time Deferment	\$ 0.00
196 – S2	Spandrel, Curb and Gutter North Side of 9 th and J Street – Additional Funds	\$ 6,158.27
197	ADA Requirements for Curb Ramps	\$ 30,000.00
197 – S1	ADA Requirements for Curb Ramps – Time Deferment	\$ 0.00
198	Delete Slope Paving at 16 th Street Bridge, Abut 7	\$ (26,152.50)
199	SR259 Cross Sections	\$ 75,000.00
199 – S1	SR259 Cross Sections – Time Deferment, 114 Days	\$ 0.00
199 – S2	Additional Funds	\$ 56,141.50
200	Adjust Bid Item No. 49 – Adjust Water Values to Grade	\$ (3,850.11)
201	Adjust Final Pay Items Nos. 137 and 216	\$ 20,506.90
202	Adjust Bid Item No. 53 – Remove Concrete Barrie (Type K)	\$ 267.75
202 – S1	Additional Funds	\$ 401.46
203	Adjust Bid Item No. 9 – Temporary Concrete Washout	\$ 12,815.50
204	Adjust Bid Item No. 50 – Adjust Sewer Manhole	\$ 3,205.03
205	Adjust Bid Item No. 246 – Concrete Barrier (Type 60E)	\$ 32,011.20
206	HMA QC/QA Incentive Adjustment	\$ 135,114.79
207	Increase Bid Item No. 8 – Temporary Gravel Bag Berm	\$ 34,065.60
208	Adjust Bid Item No. 46 – Remove Base and Surfacing	\$ (85,031.34)
209	Increase Bid Item No. 2 – Temporary Fence	\$ 8,403.75
210	Increase Bid Item No. 27 – Remove Chain Link Fence	\$ 33,914.64
211	Decrease Bid Item Nos. 28, 191 and 252(F)	\$ (9,097.00)
212	Mulch Remedy	\$ 10,000.00
212 – S1	Mulch Remedy – Time Deferment, 4 Days	\$ 0.00
213	Increase Bid Item No. 254 and 255	\$ 119,505.75
214	Increase Bid Item No. 236; Decrease Bid Item No. 237	\$ 10,400.00
215	Adjust Bid Item No. 99 – Aggregate Base (Approach Slab)	\$ 4,701.38
216	Adjust Bid Item No. 109 – Seal Longitudinal Isolation Joint	\$ (48.91)
217	Adjust Bid Item No. 19 – Type III Barricade	\$ (466.40)
217 – S1	Adjust Bid Item No. 19 – Type III Barricade	\$ 466.40
218	Adjust Bid Item No. 182 – Install Sign (Strap and Saddle Bracket Meth.)	\$ (80,296.64)
219	Adjust Bid Item No. 52 – Remove Concrete (Sidewalk and Cross Gutter)	\$ 19,220.68

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Amounts shown in parentheses represent a credit to the Agency

220	Adjustment to Increase and Decrease in Bid Items Used on Project	\$ 0.00
223	NOPC No. 19 Settlement	\$ 175,000.00
224	PFE Exceptions Settlement excluding Superior Gunite and Coffman	\$1,920,080.00
CCO TOTAL		\$ 19,395,427.28
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 22,471,980.00

I-15 Baseline Interchange – Executed Change Orders		
Number	Description	Amount
1	Maintain Traffic	\$ 50,000.00
1 S-1	Provide for Contractors Signature	\$ 0.00
2	Partnering	\$ 22,000.00
3	Dispute Review Board	\$ 15,000.00
4	Maintain and Repair Existing/Temporary Electrical	\$ 10,000.00
4 S-1	Provide for Contractors Signature	\$ 0.00
6	Repairs to Existing Irrigation System	\$ 26,247.00
7	Storm Water Pollution Prevention – Cost Sharing	\$ 50,000.00
8	Existing Landscaping & Irrigation Changes	\$ 10,000.00
10	Shotcrete Strength Change	\$ 0.00
11	Concrete Slurry behind Anchor Wall No. 2	\$ 12,000.00
12	Fire Plan	\$ 27,693.00
13	Apprentice Training	\$ 16,800.00
14	Buried Man-made Objects	\$ 15,000.00
15	Replace Bid Item 69 with Geocomposite Drain	\$ 0.00
16	Additional K-rail and Crash Cushion Array	\$ 17,970.00
18	RE Office; Additional Furniture & High-speed Internet	\$ 5,000.00
19	Revisions to CMP Schedule for Re-sequencing	\$ 0.00
21	Relocate 12" CVWD Line	\$ 32,200.00
23	Welded Steel Pipe Wall Thickness	\$ 16,808.60
26	Retaining Wall 385R Drainage System	\$ 15,000.00
CCO TOTAL		\$ 341,718.60
TOTAL CONTINGENCY AND SUPPLEMENTAL		\$ 2,235,012.00

Attachment: MVSS CCO Log (2547 : Construction Contract Change Orders MVSS1603)

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 Amounts shown in parentheses represent a credit to the Agency

Minute Action

AGENDA ITEM: 3

Date: *March 10, 2016*

Subject:

SANBAG Fiscal Year 2016/2017 Budget – Metro Valley Study Session Task Review

Recommendation:

That the Metro Valley Study Session review and provide direction relative to proposed tasks to be included in the Fiscal Year 2016/2017 Budget.

Background:

The review of tasks is intended to gain input on the appropriateness of the type and scope of the work effort. Narrative descriptions and detail budget information is provided. At this time, budget amounts, fund types, and narratives are preliminary pending agency-wide revenue and expenditure compilation, and review by SANBAG policy committees. Budget amounts include prior year Board approved appropriations to be expended in Fiscal Year 2016/2017.

Explanations for major variances from prior year's budget are included in the Work Elements section for each task. General increase in all tasks for indirect allocation is mainly due to budget amounts for general counsel allocated to indirect tasks, depot improvements within lobby area and new furnishings for work areas, new virtual servers and network, and replacement of 25 computer workstations. Overtime is budgeted in specific tasks, but may be shifted to other tasks, as needed.

Attached are the narratives for the tasks and sub-tasks. Included in the narrative descriptions of the tasks and sub-tasks, project location map, project schedules, project cost and budget information.

The following tasks are presented for Committee review:

Task	Major Project Delivery Program	Manager	Proposed Budget
0815	Measure I Program Management	Cohoe	\$5,874,716
0820	Freeway Projects	Cohoe	\$63,316,334
0830	Interchange Projects	Cohoe	\$55,494,848
0840	Grade Separation Projects	Cohoe	\$43,519,480
0860	Arterial Projects	Cohoe	\$2,114,804

Entity: CTA, CTC

The following list of subtasks provides proposed budget by project:

Task	Major Projects Delivery Subtasks	Proposed Budget
0820	Freeway Projects:	
0822	State Route 210 Right of Way Acquisition	
0824	State Route 210 Construction	\$1,165,239
0823	Interstate 10 Corridor Phase 1	\$9,500,443
0825	I-10 Corridor Project Development	\$5,172,036
0834	I-215 Final Design	
0836	I-215 Right of Way Acquisition	\$15,614,521
0838	I-215 Construction	
0839	I-215 Bi-County HOV Gap Closure Project	\$1,624,629
0840	I-215 Barton Road Interchange	\$6,342,222
0850	Alternative Project Financing	\$223,682
0852	I-15 Corridor Improvement	\$5,536,206
0854	I-10 Eastbound Truck Climb/Live Oak/County	\$1,058,408
0887	State Route 210 Lane Addition	\$10,166,678
0891	US 395 Widen SR-18/Chamberlaine/City Adelanto	\$6,912,270
0830	Interchange Projects:	
0803	SR 210 Base Line Interchange Improvement	\$2,610,678
0826	I-10 Cherry/Citrus Interchanges	\$2,791,061
0841	I-10 Riverside Interchange	\$145,182
0842	I-10 Tippecanoe Interchange	\$10,716,989
0851	I-10/Monte Vista Avenue Interchange	\$794,351
0853	I-215 University Pkwy/State Street Interchange	\$747,604
0880	I-15/I-215 Devore Interchange	\$7,325,015
0883	State Route 210 Pepper Ave. Interchange	\$8,420,469
0890	I-15 Rancho Road Interchange	\$55,841
0892	I-15 Baseline Interchange Improvement Project	\$6,453,686
0893	SR-60 Central Avenue Interchange	\$1,064,265
0894	SR-60 Archibald Avenue Interchange	\$1,418,085
0895	I-10 Alabama Street Interchange	\$79,288
0896	I-10 Pepper Interchange Improvement Project	\$7,318,771
0897	I-10 Cedar Avenue Interchange	\$4,014,205
0898	I-10 Mount Vernon Avenue Interchange	\$622,408
0899	I-10 University Avenue Interchange	\$916,950
0840	Grade Separation Projects:	
0868	Monte Vista Avenue Grade Separation	\$8,268,087
0869	Glen Helen Parkway Grade Separation	\$255,841
0870	Hunts Lane Grade Separation	\$1,146,726
0874	Palm Ave. Grade Separation	\$2,186,045
0876	South Milliken Ave. Grade Separation	\$8,286,408
0877	Vineyard Ave. Grade Separation	\$15,508,408
0881	Lenwood Ave. Grade Separation	\$695,730
0882	North Milliken Ave. Grade Separation	\$11,169
0884	Laurel Ave. Grade Separation	\$6,463,871

Board of Directors Metro Valley Study Session Agenda Item

March 10, 2016

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0885	9th Street Rail Improvements	\$697,195
0860	Arterial Project:	
0401	Metrolink ATP Improvements	\$728,611
0701	Valley Signal Coordination Program	\$1,386,193

Financial Impact:

The tasks under the purview of the Board of Directors Metro Valley Study Session will be part of the overall budget adoption which establishes the financial and policy direction for the next fiscal year.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee.

Responsible Staff:

Garry Cohoe, Director of Project Delivery

Approved
Board of Directors Metro Valley Study Session
Date: March 10, 2016

Witnessed By:

Major Projects Delivery

Task 0815 Measure I Program Management

Purpose

Manage the Major Projects Program.

Accomplishments

Management of the Major Projects Program resulted in furthering the development of projects leading to the completion of numerous transportation enhancements. Individual project accomplishments can be found in the task-specific narratives.

Ongoing maintenance, assessment and enhancements of Major Project's Program Controls were conducted including: 1) Support of Planning staff's analysis of the partial interchange improvement plan 2) Development of a comprehensive QA/QC system was completed and implementation started. 3) The Project Control System (PCS) was maintained to support Major Project's management of project schedules, contracts, funding and documentation. Also, the PCS provided support to Major Projects, Programming and Finance staff to serve as a tool for the update of the Ten-Year Delivery Plan and the preparation of the Fiscal Year Budget.

Work Elements

1. Project Delivery: Perform tasks related to the project development and construction management of SANBAG managed projects as described by the task-specific narratives.
2. Project Controls: Maintain and enhance PCS to monitor and report the status of the budget, cost, and schedule and forecast performance trends of each project under the Major Project Delivery Program. Collect and maintain all pertinent budget, cost, and schedule information on each project. Track project risks, goals and accomplishments, and action items. This work element includes regular updates to detailed project cost estimates commensurate with the level of project development and project scheduling, and development and regular updates to detailed project schedules. Use this integrated system to create different funding scenarios for the identification of the optimum funding plan.
3. Consultant Selection and Management: Administered the on-going consultant activities. Analyze bids/cost proposals against independent cost estimates. Negotiate contracts that are fair and reasonable and in the best interest of the agency. Perform audits as a practice to insure appropriate hourly rates.
4. Contract Management and Invoicing: Perform routine contract management and invoicing tasks. Utilize contract controls to track consultant expenditures and budgets in coordination with the PCS and Finance Department. Review consultant invoices for compliance with contract terms.
5. Quality Assurance and Quality Control (QA/QC) Reviews: Conduct QA/QC reviews and peer reviews to ensure that SANBAG products and deliverables meet quality standards.
6. Other Program Activities: Other activities include document controls and archiving; project database maintenance; implementation of program procedures and requirements; participation in the development of programming strategies for all available State and Federal funds; provide input into the development of SANBAG policies; and complete project close out of projects.

Provide program and project management services that result in the efficient delivery of transportation improvement projects.

Major Projects Delivery

Task 0815 Measure I Program Management

Contract Information – Major Projects Program*

- a. Existing Contracts
 - i. 15-1001222, Preliminary Design & Environmental Support, Amount Budgeted \$17,000.
 - ii. 15-1001195, Program Management, Amount Budgeted \$2,700,000.
 - iii. 00-1000558, Right of Way Services, Amount Budgeted \$67,000.
 - iv. 00-1000778, Legal Services, Amount Budgeted \$37,000.
 - v. 00-1000603, Legal Services, Amount Budgeted \$80,000.
 - vi. 00-1000736, Procurement Services, Amount Budgeted \$500.

*Contracts that are utilized on all Sub Tasks within the Program.

Prior Year Budgeted Commitments

The proposed Fiscal Year 2016/2017 budget includes Board approved Fiscal Year 2015/2016 appropriations in the estimated amount of \$2,545,369.

Manager

Garry Cohoe, Director of Project Delivery

Major Projects Delivery

Task 0815 Measure I Program Management

	2015-2016			
	2013-2014	2014-2015	Revised	2016-2017
Expenditures	Actuals	Actuals	Budget	Budget
Regular Full-Time Employees	512,512	505,407	375,975	408,248
Overtime	167	56	3,750	6,000
Fringe Allocation-General	513,180	492,306	370,953	443,619
Professional Services	89,472	73,461	687,391	684,500
Consulting Services	-	4,310	20,000	100,000
Program Management Fees	1,999,096	2,197,883	2,400,000	2,700,000
Attendance Fees	15,700	15,300	-	13,700
Legal Fees	39,122	46,960	88,500	123,000
Dues & Subscriptions	199	115	900	900
Training/Membership	1,625	3,413	3,300	3,300
Postage	26	35	600	600
Travel Expense - Employee	2,573	362	6,000	6,000
Travel Expense - Non-Employee	-	-	-	2,000
Travel Expense-Mileage-Employee	105	-	-	-
Travel Expense-Mileage-Non-Employee	3,639	2,897	-	16,000
Advertising	-	-	1,800	1,600
Printing - External	951	1,155	1,800	2,000
Communications	223	309	2,100	2,100
Record/Equipment Storage	1,532	-	3,030	3,030
Office Expense	523	293	600	600
Meeting Expense	2,786	1,396	2,747	1,647
Office Furniture & Equipment	12,846	-	21,300	22,400
Office Furniture/Software-Inventorial	1,674	1,167	-	-
Computer Hardware & Software	-	16,250	-	-
Indirect Allocation-General	555,273	422,395	582,902	879,485
Indirect Allocation-Project Management	216,125	414,212	196,296	453,987
Total Expenditures	<u>3,969,349</u>	<u>4,199,682</u>	<u>4,769,944</u>	<u>5,874,716</u>

Funding Sources

MSI Cajon Pass Fund	185,000
MSI Valley Fund-Freeway Projects	2,207,061
MSI Valley Fund-Fwy Interchange	1,888,731
MSI Valley Fund-Grade Separations	<u>1,593,924</u>
Total Funding Sources	<u>5,874,716</u>

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

Major Projects Delivery

Task 0820 Freeway Projects

Purpose

The Freeway Projects program develops and constructs freeway/highway improvements that enhance mobility, reduce traffic congestion, and improve safety. These enhancements are achieved by the construction of a variety of lane additions including general purpose lanes, truck climbing lanes, car pool lanes, express lanes and ancillary improvements.

Accomplishments

Transportation revenues continue to translate into significant enhancements to our local freeways. The landscape design for the first three phases of Interstate 215 (I-215) widening through the City of San Bernardino is complete and ready for construction pending lifting of drought restrictions. The State Route 210 (SR-210) landscaping construction projects are complete with the final segments in plant establishment. Progress continues on the preliminary engineering/environmental phase of the SR-210 lane addition project in the Cities of Highland, San Bernardino and Redlands with approval scheduled for late summer 2016. Analysis of express lanes on the Interstate 10 (I-10) and Interstate 15 (I-15) Corridors has been completed. In addition, environmental work for the I-10 Corridor is progressing on schedule with the environmental document scheduled to be circulated in the spring of 2016. Work on the Preliminary engineering/environmental phase is ongoing on the I-15 Corridor express lane improvements from State Route 60 (SR-60) to SR-210 with the environmental document scheduled to be circulated in mid-2017. Lastly, the I-215 Bi-County High Occupancy Vehicle (HOV) lane addition construction was completed in mid-2015 and work on a follow-on signal project at the I-215 and Iowa/LaCadena Interchange ramp intersections is ongoing.

Contract Information – Major Projects Program*

- a. Existing Contracts
 - i. 15-1001222, Preliminary Design & Environmental Services, Amount Budgeted \$296,829.
 - ii. 00-1000736, Procurement Services, Amount Budgeted \$5,000.
 - iii. 00-1000743, Procurement Services, Amount Budgeted \$30,000.
 - iv. 00-1000166, Construction Capital, Amount Budgeted \$60,000.
 - v. 15-1001302, Legal Services, Amount Budgeted \$1,600,000.
 - vi. 00-1000710, Right of Way Services, Amount Budgeted \$50,000.
 - vii. 15-1001195, Program Management Services, Amount Budgeted \$1,495,000.
 - viii. 00-1000004, Program Management Services, Amount Budgeted \$210,000.

* Contracts that are utilized on all Sub Tasks within the Program.

Manager

Garry Cohoe, Director of Project Delivery

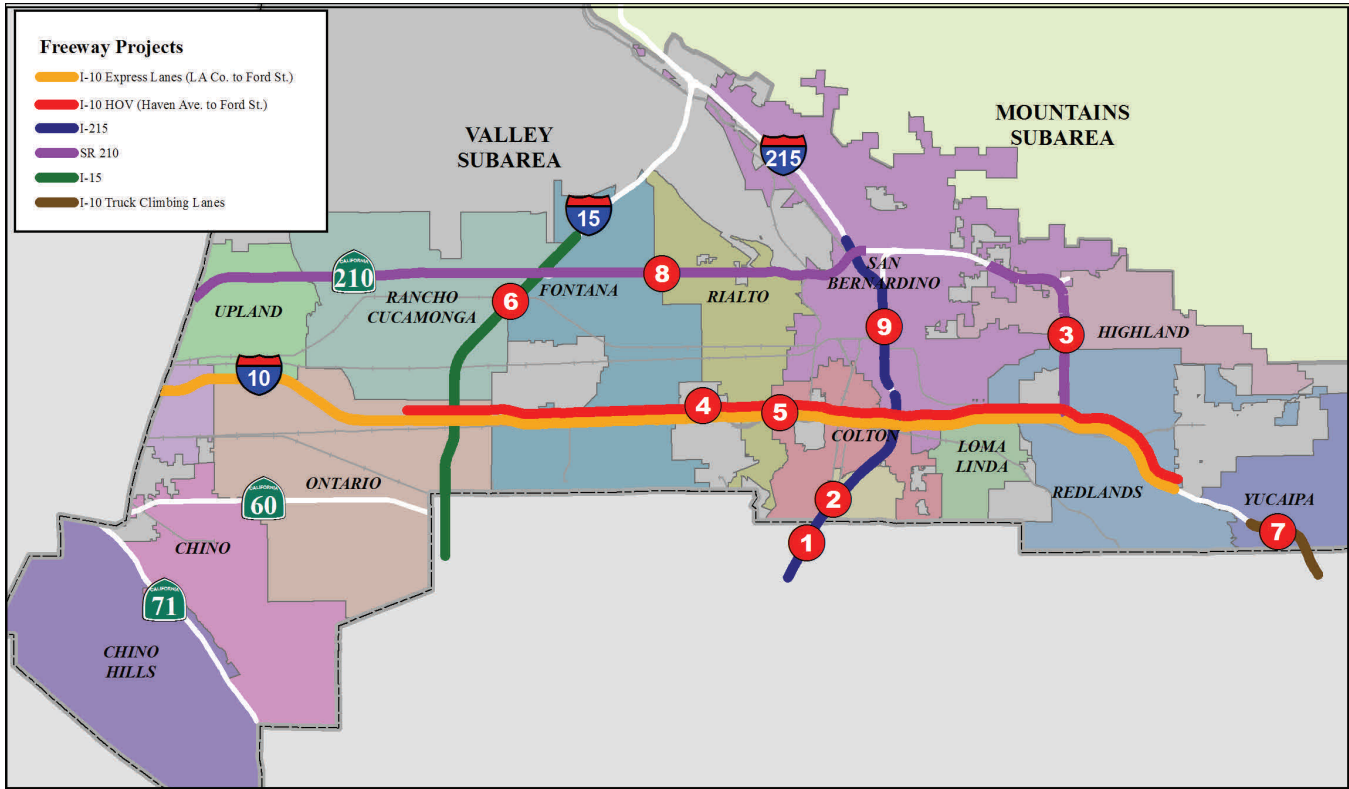
Major Projects Delivery

Task 0820 Freeway Projects

	2015-2016			
	2013-2014	2014-2015	Revised	2016-2017
Expenditures	Actuals	Actuals	Budget	Budget
Regular Full-Time Employees	40,660	57,368	-	-
Fringe Allocation-General	40,700	55,910	-	-
Professional Services	889,920	1,194,120	4,777,943	13,266,540
Consulting Services	12,155,324	8,370,441	16,469,641	19,406,797
Program Management Fees	785,854	1,181,690	1,085,540	1,495,000
Legal Fees	246,487	5,360,178	380,400	1,500,000
Utilities	-	-	4,228	-
Landscaping Care	-	-	55,000	-
Rentals-Building	64,180	-	-	-
Construction Capital	36,724,608	22,147,944	17,255,198	10,112,825
Utilities Capital	512,943	3,481,510	-	-
Right of Way Capital	162,124	2,697,599	31,766,968	17,276,293
Postage	328	93	2,150	2,500
Public Information Activites	112,928	-	-	-
Advertising	-	194	1,800	-
Printing - External	1,477	9,115	21,880	5,000
Record/Equipment Storage	4,115	-	-	-
Meeting Expense	105	401	120	-
Indirect Allocation-General	44,038	80,361	-	-
Indirect Allocation-Project Management	61,359	83,562	73,760	251,379
Total Expenditures	<u>51,847,149</u>	<u>44,720,484</u>	<u>71,894,628</u>	<u>63,316,334</u>
Funding Sources				
Congestion Mitigation & Air Quality				700,000
Demonstration High Priority Program				2,266,300
I-10 Corridor Project Fund				9,500,443
MSI 1990-Valley Fund-Major Projects				6,989,307
MSI 1990-Valley Fund-TMEE				1,033,694
MSI Valley Fund-Freeway Projects				25,657,861
MSI Victor Valley Fund-Major Local Hwy				2,000
Project National & Regional Significance				7,250,000
Regional Improvement Program				3,825,900
State Highway Oper & Protection Program				281,000
Surface Transportation Program				5,299,559
Victor Valley Major Local Hwy Bond Fund				510,270
Total Funding Sources				<u>63,316,334</u>

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

Major Projects Delivery Program Freeway Projects Valley Subarea



Master Schedule

Project/Phases	Fiscal Year											
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
1 I-215 Bi-County (Gap Closure)												
2 I-215 Barton Road Interchange												
3 SR 210 Lane Addition Widening												

LEGEND:

- P A/ED
- P S&E
- ROW
- Cons
- Landscape
- Closeout

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

Major Projects Delivery Program Freeway Projects Valley Subarea

Master Schedule												
Project/Phases	Fiscal Year											
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
4 I-10 HOV Lanes												
5 I-10 Express Lanes												
6 I-15 Express Lanes (South of SR-60 to SR-210)												
7 I-10 Truck Climbing Lane												
8 State Route 210												
9 I-215 Corridor												

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

1 Project Interstate 215 Bi-County High Occupancy Vehicle (HOV) lane Project (0839)

Description

Close the gap between carpool lanes north of Orange Show Road in San Bernardino and south of the State Route 60/State Route 91/Interstate 215 (I-215) interchange in Riverside, to encourage ridesharing and improve the efficiency, safety, and operations of traffic. Remaining tasks consist of adding traffic signalization at Southbound I-215/Iowa ramp intersection and Iowa/La Cadena intersection and corridor landscaping. Current phase: Carpool Lane Construction Close-Out, Traffic Signalization construction, and Landscaping.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$189,227,000	\$175,633,364	\$1,624,629	\$11,969,007

Contract Information

- a. Existing Contracts
 - i. 00-1000109, Environmental Services, Amount Budgeted \$10,000.
 - ii. 00-1000652, Right of Way Capital, Amount Budgeted \$500,000.
 - ii. 00-1000626, Construction Capital, Amount Budgeted \$500,000.
- b. New Contracts
 - i. RFP, Cooperative Agreement, Landscape design, Amount Budgeted \$100,000, Total Estimated Contract Amount \$1,050,000.
 - ii. IFB, Construction Capital Contract, Traffic Signal Improvements, Amount Budgeted \$381,000, Total Estimated Contract Amount \$381,000.

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

2 Project Interstate 215 Barton Road Interchange (0840)

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Design and Right of Way.

Total Estimated Cost	Costs to Date*	Proposed Budget	Future Costs*
\$88,045,674	\$14,409,573	\$6,342,222	\$67,293,879

Contract Information

- a. Existing Contracts
 - i. 00-1000665, Design and Right of Way Engineering, Amount Budgeted \$50,000.
 - ii. 00-1000709, Right of Way Services, Amount Budgeted \$180,000.
 - iii. 00-1000710, Right of Way Services, Amount Budgeted \$50,000.
 - iv. 15-1001302, Legal Services, Amount Budgeted \$700,000.
 - v. 15-1001044, ROW Acquisition Admin Contract, Amount Budgeted \$3,100,000.
 - vi. 15-1001259, DTSC Agreement, Amount Budgeted \$40,000.
 - vii. 15-1001045, Utilities Relocations Admin Contract, Amount Budgeted \$1,400,000.
 - viii. 16-1001325, Utility Agreement, Amount Budgeted \$45,000.
 - ix. 16-1001419, Utility Agreement, Amount Budgeted \$500,000.
- b. New Contracts
 - i. RFP, Cooperative Agreement Construction, Amount Budgeted \$100,000, Total Estimated Contract Amount \$58,000,000.

*The cost displayed above is what is included in the Interchange Program.

3 Project State Route 210 Lane Addition (0887)

Description

Add one mixed flow lane each direction between Highland Avenue in the City of San Bernardino and San Bernardino Avenue in the City of Redlands to relieve existing congestion and accommodate future demands. Current Phase: Project Approval and Environmental Document / Design and Right of Way.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$132,163,000	\$2,366,072	\$10,166,678	\$119,630,250

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$3,166,568.

Contract Information

- a. Existing Contracts
 - i. 00-1000631, Preliminary Design & Environmental Services, Amount Budgeted \$150,000.
 - ii. 15-1001231, Design Services, Amount Budgeted \$5,666,667.
- b. New Contracts
 - i. RFP, Construction Management Services, Amount Budgeted \$70,200, Total Estimated Contract Amount \$13,500,000.
 - ii. IFB, Environmental Mitigation, Amount Budgeted, \$4,122,793, Total Estimated Contract Amount \$4,122,793.

4 & 5 Project Interstate 10 Corridor Project Development (0825)

Description

Mitigate traffic congestion and accommodate future traffic on the Interstate 10 Corridor from the Los Angeles/San Bernardino County border to Ford Street in the City of Redlands, a distance of approximately thirty-three (33) miles. Alternatives being considered are the addition of HOV lanes and express lanes. Current Phase: Project Approval and Environmental Document.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$1,200,000,000	\$23,880,702	\$5,172,036	\$1,170,947,262

Costs for Express lane Alternative

Contract Information

- a. Existing Contracts
 - i. 00-1000004, Preliminary Design & Environmental Services, Amount Budgeted \$150,000.
 - ii. 00-1000403, Preliminary Design & Environmental Services, Amount Budgeted \$30,000.
 - iii. 15-1001195, Preliminary Design & Environmental Services, Amount Budgeted \$4,500,000.

Note: Costs for the Interstate 10 Corridor are separated between the subtask 0823 and 0825 costs. Subtask 0825 include the costs and budget for all Interstate 10 Corridor work except what is specific to Interstate 10 Corridor Contract 1 work. Those costs are included in subtask 0823.

5 Project Interstate 10 Corridor Phase 1 - Contract 1 (0823)

Description

Mitigate traffic congestion and accommodate future traffic on the Interstate 10 Corridor from the Los Angeles/San Bernardino County border to Interstate 15 in the City of Ontario, a distance of approximately ten (10) miles. Current Phase: Project Approval and Environmental Document/ Procurement.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$620,000,000	\$192,206	\$9,500,443	\$610,357,351

Costs based on Express Lanes Alternative. Costs to Date reflect contract costs incurred after Board confirmation of Locally Preferred Alternative at November, 2015 meeting.

Contract Information

- a. Existing Contracts
 - i. 16-1001355, Preliminary Design & Environmental Services, Amount Budgeted \$700,000.
 - ii. 16-1001447, Legal Advisor Services, Amount Budgeted \$1,500,000
 - iii. 16-1001369, Financial Advisor Services, Amount Budgeted \$700,000.
 - iv. 00-1000052, Preliminary Design Services, Amount Budgeted \$400,000.
- b. New Contracts
 - i. RFP, Project Management/Construction Management Services, Amount Budgeted \$5,500,000, Total Estimated Contract Amount \$43,000,000.

Note: Costs for the Interstate 10 Corridor are separated between the subtask 0823 and 0825 costs. Subtask 0823 costs and budget are for all work specific to Interstate 10 Contract 1 and the balance of Interstate 10 Corridor costs are included in subtask 0825.

6 Project Interstate 15 Corridor Express Lanes (0852)

Description

Add express lanes in each direction along the Interstate 15 corridor from south of Cantu Galleano Ranch Road in Riverside County to north of State Route 210. Project includes auxiliary lanes and other operational improvements along the corridor. Current Phase: Project Approval and Environmental Document.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$369,688,000	\$3,573,835	\$5,536,206	\$360,577,959

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$993,359.

Contract Information

- a. Existing Contracts
 - i. 00-1001166, Preliminary Design & Environmental Services, Amount Budgeted \$20,710.
 - ii. 00-1001154, Preliminary Design & Environmental Services, Amount Budgeted \$4,647,587.

7 Project Interstate 10 Eastbound Truck Lane Project (0854)

Description

Improve traffic operations and safety along Interstate 10 by constructing a dedicated truck climbing lane for slower moving vehicles. Current phase: Project Study Report.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$30,500,000	\$34,805	\$1,058,408	\$29,406,787

Contract Information

- a. New Contracts
 - i. RFP, Environmental and Design Services, Amount Budgeted \$1,000,000, Total Estimated Contract Amount \$3,250,000.

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

8 Project State Route 210 (0820, 0822, 0824)

Description

State Route 210 extension constructions completed to enhance the east-west mobility in the San Bernardino Valley. Current Phase: Landscaping.

Total Estimated Cost*	Costs to Date*	Proposed Budget	Future Costs
Not Available – Legacy Project	Not Available – Legacy Project	1,165,239	\$1,450,000

Contract Information

- a. Existing Contracts
 - i. 00-1000910, Construction Capital, Amount Budgeted \$252,000.
 - ii. 00-1000823, Construction Capital, Amount Budgeted \$259,194.
 - iii. 00-1000319, Construction Management Services, Amount Budgeted \$384,000.
 - iv. 15-1001174, Construction Capital, Amount Budgeted \$120,000.

*Total expenditures not readily available.

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

9 Project Interstate 215 Corridor (0834, 0836, 0838)

Description

The addition of a high-occupancy vehicle and mixed flow lane in each direction on Interstate 215 through the City of San Bernardino to relieve congestion and accommodate future traffic demand. Current Phase: Construction Close-out and Landscaping.

Total Estimated Cost*	Costs to Date*	Proposed Budget	Future Costs
\$667,000,000	\$633,478,847	\$15,614,521	\$17,906,632

*Estimated Costs

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$4,240,383.

Contract Information

- a. Existing Contracts
 - i. 00-1000163, Construction Capital, Amount Budgeted \$6,482,672.
 - ii. 00-1000154, Construction Management Services, Amount Budgeted \$50,000.
 - iii. 00-1000190, Construction Capital, Amount Budgeted \$1,706,759.
 - iv. 00-1000602, Design Services, Amount Budgeted \$100,000.
 - v. 16-1001378, Construction Management Services, Amount Budgeted \$100,000.

- b. New Contracts
 - i. IFB, Segment 3 Landscaping, Amount Budgeted \$1,500,000, Total Estimated Contract Amount \$3,500,000.
 - ii. IFB, Segment 1 Landscaping, Amount Budgeted \$300,000, Total Estimated Contract Amount \$3,900,000.
 - iii. IFB, Segment 2 Landscaping, Amount Budgeted \$100,000, Total Estimated Contract Amount \$4,400,000.
 - iv. IFB, Segment 5 Landscaping, Amount Budgeted \$100,000, Total Estimated Contract Amount \$7,200,000.

Project **Alternative Project Financing (0850)**

Description

Includes development of alternative financing and delivery mechanisms through both preliminary financial and traffic and revenue studies to support delivery of major highway corridor improvements. Also includes providing public outreach to communicate study findings and project developments . Current Phase: Planning.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$5,816,457	\$4,842,772	\$223,682	\$750,003

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$20,000.

Contract Information

- a. Existing Contracts
 - i. 15-1001155, Public Outreach, Amount Budgeted \$200,000.

Note: This task is not project specific. Not included on the map or master schedule.

**Major Projects Delivery Program
Freeway Projects
Victor Valley Subarea**



Project/Phases		Fiscal Year																																																																																																																			
		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25																																																																																																								
1	US 395 Phase 1 Widening - SR 18 to Chamberlaine Way	<table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>																																																																																																																			

	P A/ED
	P S&E
	ROW
	Cons
	Landscape
	Close out

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

1 Project US- 395 Widening Phase I (0891)

Description

Widen the US-395 to 4 lanes and improve intersections from State Route 18 to Chamberlain Way in the City of Adelanto to accommodate existing and future traffic. Current Phase: Design and Right of Way.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$56,724,000	\$1,512,937	\$6,912,270	\$48,298,793

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$3,238,170.

Contract Information

- a. Existing Contracts
 - i. 15-1001188, Right of Way Services, Amount Budgeted \$1,000,000.
 - ii. 15-1001280, Right of Way Capital, Amount Budgeted \$3,000,000.

Major Projects Delivery

Task 0830 Interchange Projects

Purpose

The Interchange Projects program develops and constructs freeway interchange improvements that mitigate existing traffic congestion, accommodates future traffic, and enhances safety. The improvements range from just ramp widening to complete interchange replacement.

Accomplishments

The interchange improvement program is in full swing. Interstate 10 (I-10) Tippecanoe Avenue (Phase 2) interchange was opened in the spring of 2016. Construction continues on the Interstate 15 (I-15) Baseline Road project and I-15/Interstate 215 (I-215) Devore Interchange project with substantial completion anticipated in mid-2016 for both projects. Construction has started on I-10 Pepper and construction is anticipated to start on the State Routes 210 (SR 210) Pepper interchange at the beginning of 2017. Project development is well underway on the I-215 Barton Road, I-10 Cedar, SR-60 Central Avenue, SR-60 Archibald Avenue, and I-10 University interchanges. Project development has commenced on I-10 Monte Vista Avenue, I-215 University Parkway and the I-10 Mount Vernon Avenue interchange projects.

Contract Information – Major Projects Program*

- a. Existing Contracts
 - i. 15-1001222, Preliminary Design & Environmental Services, Amount Budgeted \$77,534.
 - ii. 00-1000736, Procurement Services, Amount Budgeted \$2,000.
 - iii. 00-1000166, Construction Capital, Amount Budgeted \$60,000.
 - iv. 00-1000710, Right of Way Services, Amount Budgeted \$16,792.
 - v. 00-1000629, Right of Way Services, Amount Budgeted \$125,000.
 - vi. 00-1000628, Right of Way Services, Amount Budgeted \$75,000.
 - vii. 00-1000770, Construction Capital, Amount Budgeted \$20,000.
 - viii. 15-1001195, Program Management Services, Amount Budgeted \$915,000.
 - ix. 00-1000004, Program Management Services, Amount Budgeted \$109,288.
 - x. 00-1000603, Legal Services, Amount Budgeted \$112,560.

* Contracts that are utilized on all Sub Tasks within the Program.

Local Funding Source Detail

- i. County of San Bernardino – \$264,289.
- ii. City of Chino – \$664,964.
- iii. City of Colton – \$481,044.
- iv. City of Fontana – \$443,682.
- v. City of Hesperia – \$5,841.
- vi. City of Highland – \$1,410,681.
- vii. City of Montclair – \$190,848.
- viii. City of Ontario – \$951,080.
- ix. City of Rancho Cucamonga – \$6,366,075.
- x. City of Redlands – \$286,277.
- xi. City of Rialto – \$132,500.
- xii. City of San Bernardino – \$11,931.
- xiii. West Valley Water District – \$495,424.

Manager

Garry Cohoe, Director of Project Delivery

Major Projects Delivery

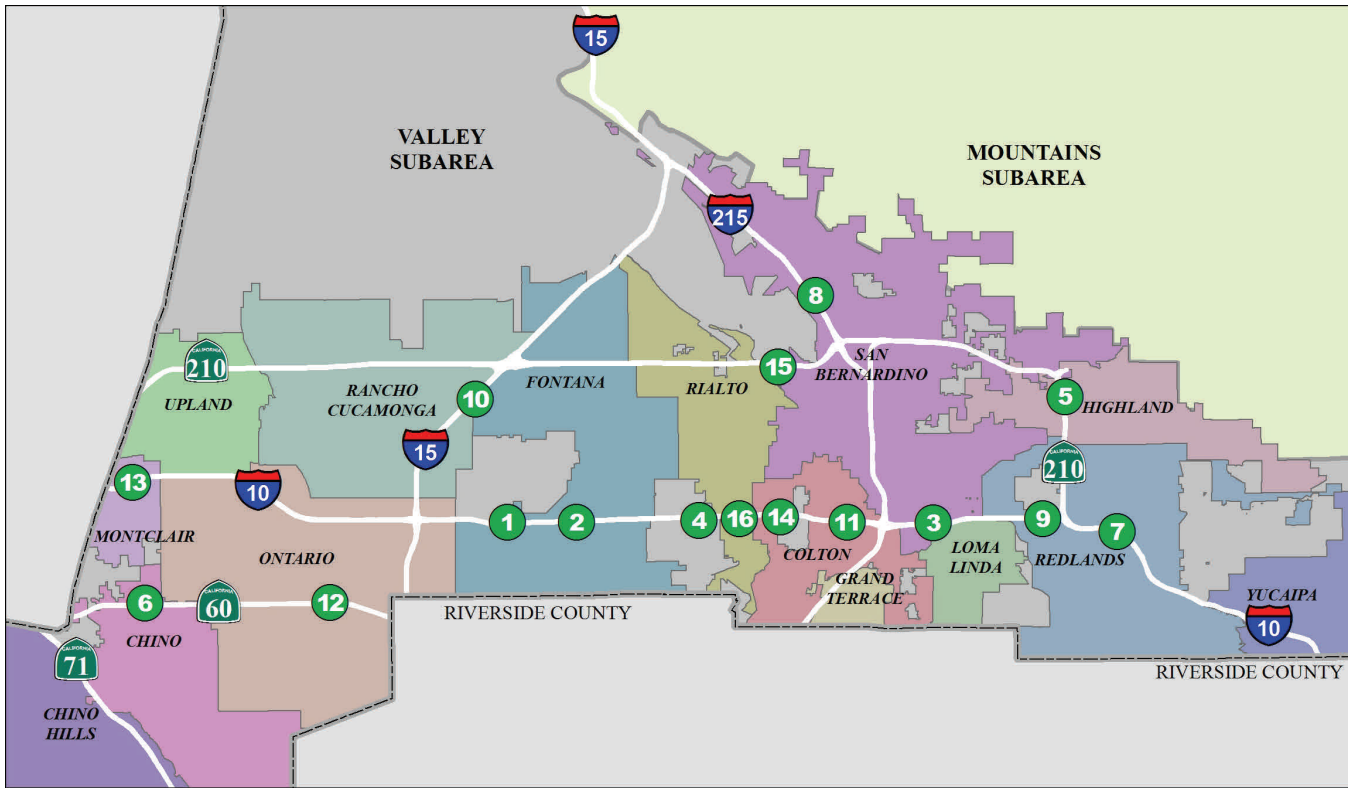
Task 0830 Interchange Projects

Expenditures	2013-2014	2014-2015	2015-2016	2016-2017
	Actuals	Actuals	Revised Budget	Budget
Regular Full-Time Employees	34,491	36,991	-	-
Fringe Allocation-General	34,525	36,029	-	-
Professional Services	1,270,877	1,120,552	2,303,250	3,587,996
Consulting Services	11,276,082	8,890,107	11,334,752	9,490,282
Program Management Fees	2,192,410	1,891,421	1,553,500	915,000
Legal Fees	70,683	93,116	90,900	30,352
Construction Capital	65,608,629	48,961,105	48,966,644	26,317,447
Utilities Capital	-	-	340,000	-
Right of Way Capital	10,274,335	4,860,313	11,937,295	14,993,913
Postage	111	245	1,800	5,500
Advertising	4,111	4,210	1,300	-
Travel Expense - Employee	-	22	-	-
Printing - External	18,196	10,661	22,200	500
Meeting Expense	36	553	-	-
Indirect Allocation-General	37,357	49,966	-	-
Indirect Allocation-Project Management	122,665	133,938	134,629	153,858
Total Expenditures	90,944,509	66,089,231	76,686,270	55,494,848

Funding Sources

Cajon Pass Bond Fund	2,417,515
Demonstration High Priority Program	7,413,250
Interstate Maintenance Discretionary	706,951
Local Projects Fund	11,704,636
MSI 1990-Valley Fund-Major Projects	1,238,177
MSI Cajon Pass Fund	4,907,500
MSI Valley Fund-Freeway Projects	327,461
MSI Valley Fund-Fwy Interchange	8,889,680
State Local Partnership Program-P1B	50,000
Surface Transportation Program	7,745,241
Trade Corridor Improvement Fund-P1B	3,976,201
Valley Fwy Interchange Bond Fund	6,118,236
Total Funding Sources	55,494,848

Major Projects Delivery Program Interchange Projects Valley Subarea



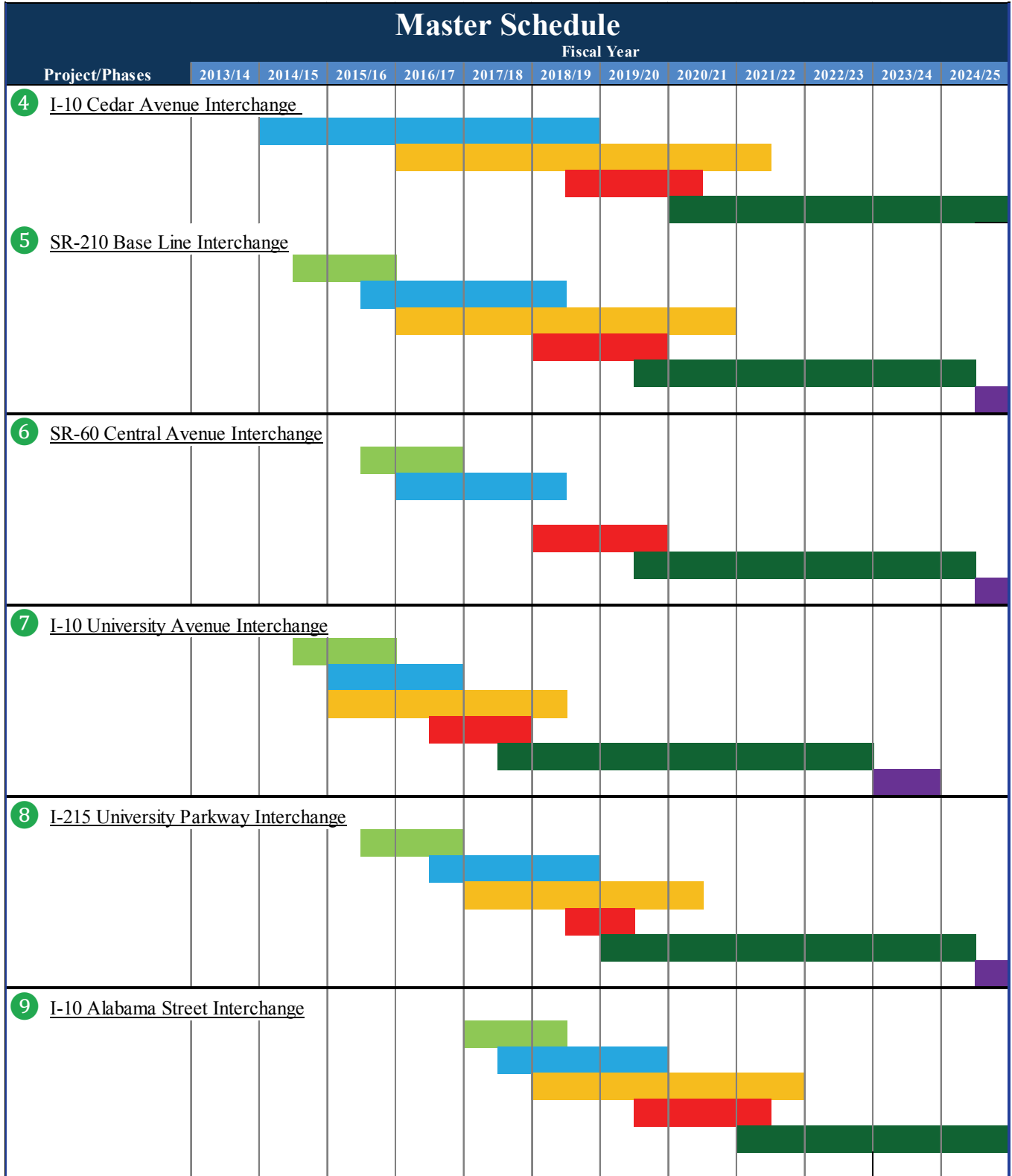
Project/Phases		Fiscal Year												
		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	
1	I-10 Cherry Avenue Interchange	PA/ED												
		Cons												
2	I-10 Citrus Avenue Interchange	PA/ED												
		Cons												
3a	I-10 Tippecanoe Avenue Interchange Phase 1	PA/ED												
		Cons												
3b	I-10 Tippecanoe Avenue Interchange Phase 2	PA/ED												
		Cons												

LEGEND:

- PA/ED
- PS&E
- ROW
- Cons
- Landscape
- Closeout

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

**Major Projects Delivery Program
Interchange Projects
Valley Subarea**



Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

**Major Projects Delivery Program
Interchange Projects
Valley Subarea**

Master Schedule												
Project/Phases	Fiscal Year											
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
10 I-15 Baseline Road Interchange	Blue	Blue										
	Yellow	Yellow										
		Red	Red									
			Green	Green								
				Purple	Purple							
11 I-10 Mount Vernon Interchange												
				Light Green	Light Green	Light Green	Light Green					
					Blue	Blue	Blue	Blue				
						Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
							Red	Red	Red	Red		
										Green	Green	Green
12 SR-60 Archibald Avenue Interchange												
				Light Green	Light Green	Light Green						
					Blue	Blue	Blue	Blue				
						Yellow	Yellow	Yellow	Yellow	Yellow		
							Red	Red	Red			
										Green	Green	Green
13 I-10 Monte Vista Avenue Interchange												
	Light Green	Light Green	Light Green	Light Green	Light Green							
					Blue	Blue	Blue					
						Yellow	Yellow	Yellow	Yellow			
							Red	Red	Red			
										Green	Green	Green
14 I-10 Pepper Avenue Interchange												
	Light Green	Light Green	Light Green									
		Blue	Blue	Blue								
			Red	Red	Red							
				Purple	Purple							
15 SR 210 Pepper Avenue Interchange												
	Light Green	Light Green	Light Green									
		Blue	Blue	Blue								
		Yellow	Yellow	Yellow	Yellow							
			Red	Red								
				Green	Green	Green	Green	Green	Green	Green		
										Purple	Purple	
16 I-10 Riverside Avenue Interchange												
		Green	Green	Green	Green	Green						
						Purple	Purple					

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

1 & 2 Project**Interstate 10 Cherry Avenue/ Citrus Avenue Interchanges (0826)****Description**

Improve the interchanges at Interstate 10 Cherry Avenue and Interstate 10 Citrus Avenue to mitigate the existing congestion and accommodate future traffic volumes. Current Phase: Construction Close-out and Landscaping.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$125,399,000	\$118,163,291	\$2,791,061	\$4,444,648

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$173,458.

Contract Information

- a. Existing Contracts
 - i. 00-1000287, Right of Way Services, Amount Budgeted \$1,200,000.
 - ii. 00-1000405, Construction Capital, Amount Budgeted \$42,832.
 - iii. 00-1000770, Construction Capital, Amount Budgeted \$20,000.
 - iv. 00-1000445, Construction Management Services, Amount Budgeted \$50,000.
 - v. 00-1000740, Construction Capital, Amount Budgeted \$1,004,242.
 - vi. 00-1000051, Design Services, Amount Budgeted \$25,000.
 - vii. 00-1000406, Construction Capital, Amount Budgeted \$57,468.
 - viii. 15-1001190, Construction Capital, Amount Budgeted \$72,000.
 - ix. 16-1001334, Construction Management Services, Amount Budgeted \$53,261.

3a & 3b Project Interstate 10/Tippacanoe Avenue Interchange (0842)

Description

Reconfigure interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$74,136,000	\$53,867,363	\$10,716,989	\$9,551,648

Contract Information

- a. Existing Contracts
 - i. 00-1000037, Final Design & Construction Support, Amount Budgeted \$300,000.
 - ii. 00-1000198, Right of Way Capital, Amount Budgeted \$2,000,000.
 - iii. 00-1000868, Right of Way Capital, Amount Budgeted \$260,000.
 - iv. 00-1000864, Right of Way Capital, Amount Budgeted \$350,000.
 - v. 00-1000909, Right of Way Capital, Amount Budgeted \$982,336.
 - vi. 00-1000938, Right of Way Capital, Amount Budgeted \$606,901.
 - vii. 15-1001242, Right of Way Capital, Amount Budgeted \$46,000.
 - viii. 15-1001244, Right of Way Capital, Amount Budgeted \$681,734.
 - ix. 15-1001143, Construction Management Services, Amount Budgeted \$464,818.
 - x. 15-1001223, Construction Capital, Amount Budgeted \$3,171,560.
 - xi. 10-1001024, Construction Capital, Amount Budgeted \$23,046.21.
 - xii. 16-1001332, Construction Capital, Amount Budgeted \$ 229,686.
 - xiii. 16-1001331, Construction Capital, Amount Budgeted \$ 3,162.
 - xiv. 16-1001334, Landscape Management Services, Amount Budgeted \$120,421.
- b. New Contracts
 - i. IFB, Landscape Maintenance Contract, Amount Budgeted \$200,000, Total Estimated Contract Amount \$250,000.

4 Project Interstate 10 Cedar Avenue Interchange (0897)

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Design and Right of Way.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$71,859,000	\$2,448,611	\$4,014,205	\$65,396,184

Contract Information

- a. New Contracts
 - i. RFP, Design and Right of Way Capital and Support, Amount Budgeted \$3,979,343, Total Estimated Contract Amount \$13,000,000.

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

5 Project State Route 210 Baseline Road Interchange (0803)

Description

Improve the interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Project Approval and Environmental Document/Design and Right of Way.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$24,657,573	\$859,544	\$2,610,678	\$21,187,351

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$393,604.

Contract Information

- a. Existing Contracts
 - i. 00-1000631, Preliminary Design & Environmental Services, Amount Budgeted \$150,000.
 - ii. 00-1000957, Project Study Report Services, Amount Budgeted \$100,000.
 - iii. 15-1001231, Design Services, Amount Budgeted \$1,000,000.
- b. New Contracts
 - i. RFP, Construction Management Services, Amount Budgeted \$25,000, Total Estimated Contract Amount \$1,500,000.

6 Project State Route 60 Central Avenue Interchange (0893)

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Project Approval and Environmental Document.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$19,583,000	\$385,288	\$1,064,265	\$18,133,447

Contract Information

- a. Existing Contracts
 - i. 00-1001076, Preliminary Design & Environmental Services, Amount Budgeted \$57,446.
 - ii. 15-1001262, Preliminary Design, Environmental & Right of Way Services, Amount Budgeted \$620,268.
- b. New Contracts
 - i. RFP, Right of way Services, Amount Budgeted \$92,298.

7 Project Interstate 10 University Street Interchange (0899)

Description

Improve interchange to reduce congestion and improve traffic operations. Current Phase: Project Approval and Environmental Document, and Design.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$5,200,000	\$371,523	\$916,950	\$3,910,527

Contract Information

- a. Existing Contracts
 - i. 00-1001239, Preliminary Engineering & Environmental Document, Design and Construction Support Services, Amount Budgeted \$439,455.
- b. New Contracts
 - i. RFP, Construction Management services, Amount Budgeted \$227,935, Total Estimated Contract Amount \$350,000.

8 Project Interstate 215/University Parkway Interchange (0853)

Description

Improve interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Project Approval and Environmental Document.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$4,866,505	\$28,532	\$747,604	\$4,090,369

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$747,638.

Contract Information

- a. New Contracts
 - i. RFP, Environmental and Engineering Services, Amount Budgeted \$595,000, Total Estimated Contract Amount \$1,077,305.

9 Project Interstate 10 Alabama Street Interchange (0895)

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic. Current Phase: Planning.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$41,610,000	\$0	\$79,288	\$41,530,712

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$79,288.

Contract Information

- a. New Contracts
 - i. RFP, Project Study Report, Amount Budgeted \$70,000, Total Estimated Contract Amount \$950,000.

10 Project Interstate 15 Baseline Road Interchange (0892)

Description

Reconstruct interchange, and widen local streets to improve traffic operations for current and future traffic. Current Phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$56,572,000	\$29,762,309	\$6,453,686	\$20,356,005

Contract Information

- a. Existing Contracts
 - i. 00-1000893, Construction Management Services, Amount Budgeted \$1,250,000.
 - ii. 15-1001086, Construction Services, Amount Budgeted \$5,050,000.
 - iii. 00-1000925, Construction Capital, Amount Budgeted \$66,075.

11 Project **Interstate 10 Mount Vernon Avenue Interchange (0898)**

Description

Reconstruct bridge and local intersection to relieve existing congestion and to meet future traffic demands. Current Phase: Planning.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$37,125,000	\$0	\$622,408	\$36,502,592

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$169,000.

Contract Information

- a. Existing Contracts
 - i. 16-1001423, Project Study Report Services, Amount Budgeted \$99,000.
- b. New Contracts
 - i. RFP, Preliminary Design and Environmental Services, Amount Budgeted \$50,000, Total Estimated Contract Amount \$1,387,000.
 - ii. RFP, Project Study Report Services, Amount Budgeted \$415,000, Total Estimated Contract Amount \$1,900,000.

12 Project **State Route 60 Archibald Avenue Interchange (0894)**

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Planning and Environmental.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$14,563,000	\$315,083	\$1,418,085	\$12,829,832

Contract Information

- a. Existing Contracts
 - i. 16-1001328, Planning, Environmental Services & Design, Amount Budgeted \$1,128,855.
 - ii. 15-1001084, Project Study Report Agreement with Caltrans, Amount Budgeted \$44,316.
 - iii. 16-1001328, Right of Way Services, Amount Budgeted \$110,000.
- b. New Contracts
 - i. RFP, Right of Way Consultant, Amount Budgeted \$11,000.

13 Project **Interstate 10 Monte Vista Avenue Interchange (0851)**

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Project Approval and Environmental Document.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$36,729,000	\$508,106	\$794,351	\$35,426,543

Contract Information

- a. Existing Contracts
 - i. 00-1000052, Project Approval and Environmental Document Services, Amount Budgeted \$791,457 (Contract also providing services under Interstate 10 corridor).

14 Project **Interstate 10 Pepper Avenue Interchange (0896)**

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$10,046,000	\$916,301	\$7,318,771	\$1,810,928

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$622,538.

Contract Information

- a. Existing Contracts
 - i. 15-1001308, Construction Management Services, Amount Budgeted \$1,735,622.
 - ii. 15-1001238, Construction Capital Contract, Amount Budgeted \$5,416,333.

15 Project **State Route 210 Pepper Avenue Interchange (0883)**

Description

Construct new interchange to provide freeway access in the City of Rialto. Current phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$23,770,000	\$3,208,000	\$8,420,469	\$12,141,531

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$2,307,162.

Contract Information

- a. Existing Contracts
 - i. 00-1000357, Preliminary Design & Environmental Services, Amount Budgeted \$80,000.
 - ii. 15-1001296, Construction Management Services, Amount Budgeted \$947,000.
 - iii. 15-1000710, Right of Way Services, Amount Budgeted \$16,792.
- b. New Contracts
 - i. IFB, Construction Capital Contract, Amount Budgeted \$6,867,513, Total Estimated Contract Amount \$14,000,000.

16 Project Interstate 10 Riverside Interchange (0841)

Description

Reconstruct interchange to relieve existing congestion and accommodate future traffic demands. Current Phase: Landscaping.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$40,024,000	\$39,388,341	\$145,182	\$490,477

Contract Information

- a. Existing Contracts
 - i. 15-1001168, Construction Capital, Amount Budgeted \$84,000.
 - ii. 00-1000867, Construction Management Services, Amount Budgeted \$48,000.

Major Projects Delivery Program Interchange Projects Cajon Pass



Project/Phases		Fiscal Year											
		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
1	I-15/I-215 (Devore) Interchange												

LEGEND:

- P A/ED
- P S&E
- R O W
- C o n s
- L a n d s c a p e
- C l o s e o u t

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

1 Project Interstate 15/ Interstate 215 (Devore) Interchange (0880)

Description

To accommodate existing and future traffic, this project will provide four lanes in each direction on Interstate 15 (I-15) through the interchange, adds truck by-pass lanes, reconfigures the interchange so that I-15 southbound becomes the primary route, reconnects Cajon Boulevard, and provides other ancillary improvements. Current Phase: Design-Build.

Total Estimated Cost	Costs to Date	Proposed Budget*	Future Costs
\$325,005,000	\$279,080,000	\$7,325,015	\$31,099,985

*Additional Estimated amount of \$7.5 million not going through SANBAG's books

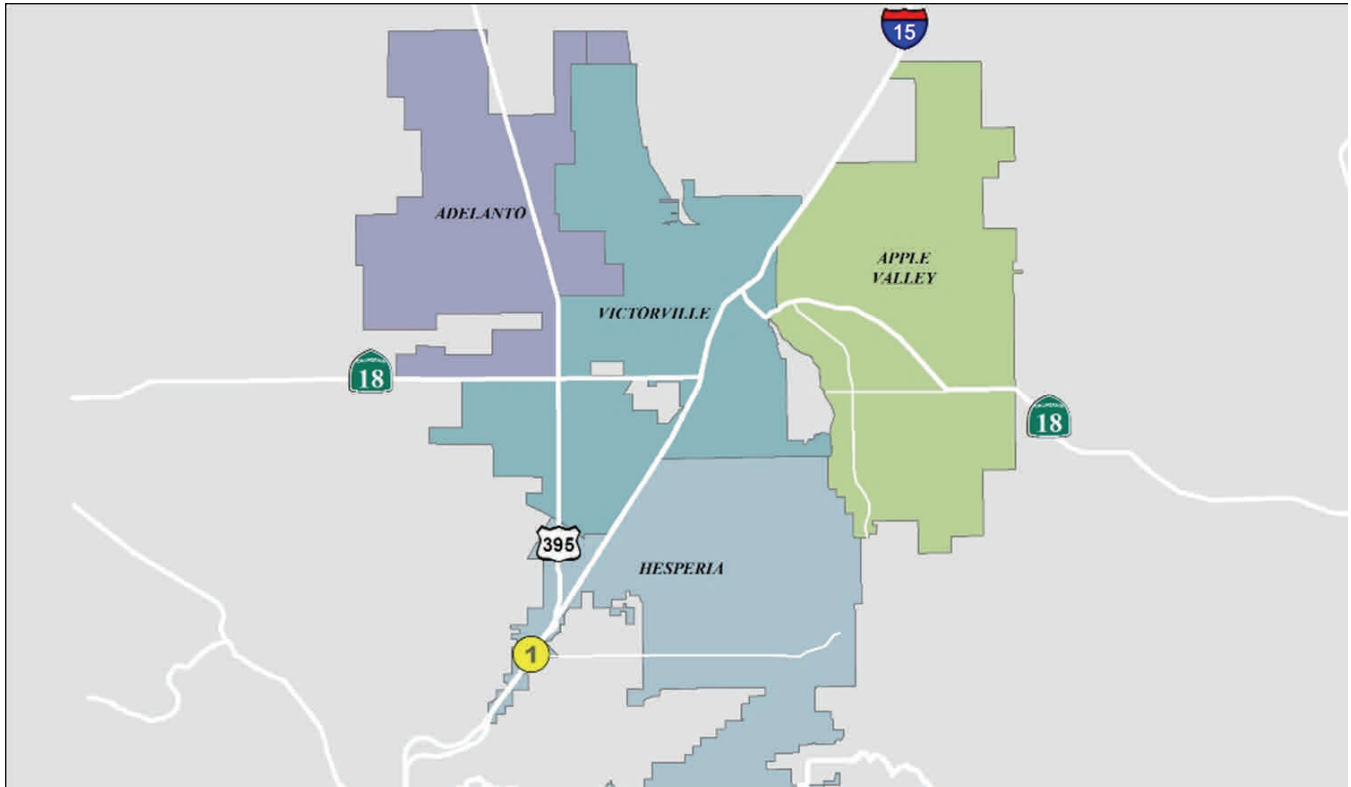
Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$7,325,015.

Contract Information

- a. Existing Contracts
 - i. 00-1000467, Right of Way Services, Amount Budgeted \$300,000.
 - ii. 00-1000967, Right of Way Services, Amount Budgeted \$60,000.
 - iii. 00-1000980, Right of Way Services, Amount Budgeted \$265,000.
 - iv. 00-1000981, Right of Way Services, Amount Budgeted \$156,000.
 - v. 00-1000972, Right of Way Services, Amount Budgeted \$50,000.
 - vi. 00-1000968, Right of Way Services, Amount Budgeted \$120,000.
 - vii. 00-1000973, Right of Way Services, Amount Budgeted \$10,000.
 - viii. 00-1000974, Right of Way Services, Amount Budgeted \$650,000.
 - ix. 00-1000971, Right of Way Services, Amount Budgeted \$90,000.
 - x. 00-1000830, Right of Way Services, Amount Budgeted \$11,000.
 - xi. 00-1000976, Right of Way Services, Amount Budgeted \$50,700.
 - xii. 00-1000977, Right of Way Services, Amount Budgeted \$47,500.
 - xiii. 00-1000979, Right of Way Services, Amount Budgeted \$72,000.
 - xiv. 00-1000978, Right of Way Services, Amount Budgeted \$20,000.
 - xv. 00-1001034, Construction Capital, Amount Budgeted \$80,000.
 - xvi. 00-1000851, Construction Capital, Amount Budgeted \$3,500,000.
 - xvii. 00-1000628, Right of Way Services, Amount Budgeted \$75,000.
 - xviii. 00-1000629, Right of Way Services, Amount Budgeted \$125,000.

**Major Projects Delivery Program
Interchange Projects
Victor Valley Subarea**



Project/Phases		Fiscal Year												
		2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
1	I-15/Ranchero Rd Interchange													

LEGEND:

- P A/ED
- P S&E
- ROW
- Cons
- Landscape
- Closeout

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

1 Project **Interstate 15 Ranchero Road Interchange (0890)**

Description

Reconstruct interchange to improve traffic operation and circulation for current and future demand. Current Phase: Construction Closeout.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$54,019,883	\$53,864,000	\$55,841	\$100,042

Contract Information

- a. Existing Contracts
 - i. 00-1000882, Construction Capital, Amount Budgeted \$50,000.

Major Projects Delivery

Task 0840 Grade Separation Projects

Purpose

The Grade Separation Projects program develops and constructs railroad grade separations that improve mobility, reduce traffic congestion, and improve safety. Safety benefits include both eliminating the risk associated with vehicles crossing the railroad tracks and the improved response time for emergency responders.

Accomplishments

Measure I revenue supplemented by Trade Corridor Improvement Funds (TCIF) has provided an opportunity to deliver several much needed grade separation projects. The project development for all the grade separations has been completed. The Hunts Lane, Palm Avenue, North Milliken, Lenwood Road, and Glen Helen Parkway grade separations have all been completed. South Milliken Avenue, Vineyard Avenue, and Laurel Avenue, are under construction and should be open to traffic in the current fiscal year. The Monte Vista Grade Separation project is anticipated to start construction in early 2017.

Contract Information – Major Projects Program*

- a. Existing Contracts
 - i. 00-1000603, Legal Services, Amount Budgeted \$62,000.
 - ii. 00-1000241, Right of Way Services, Amount Budgeted \$48,128.
 - iii. 00-1000339, Procurement Services, Amount Budgeted \$250.
 - iv. 15-1001195, Program Management Services, Amount Budgeted \$495,000.
 - v. 15-1001222, Preliminary Design & Environmental Services, Amount Budgeted \$389.

* Contracts that are utilized on all Sub Tasks within the Program.

Local Funding Source Detail

- i. City of Barstow - \$11,250.
- ii. City of Colton - \$2,166,724.
- iii. City of Ontario - \$5,000.
- iv. City of San Bernardino - \$125,000.
- v. BNSF - \$1,116,493.
- vi. UPRR - \$1,246,029.
- vii. City of Montclair - \$1,715,722

Manager

Garry Cohoe, Director of Project Delivery

Major Projects Delivery

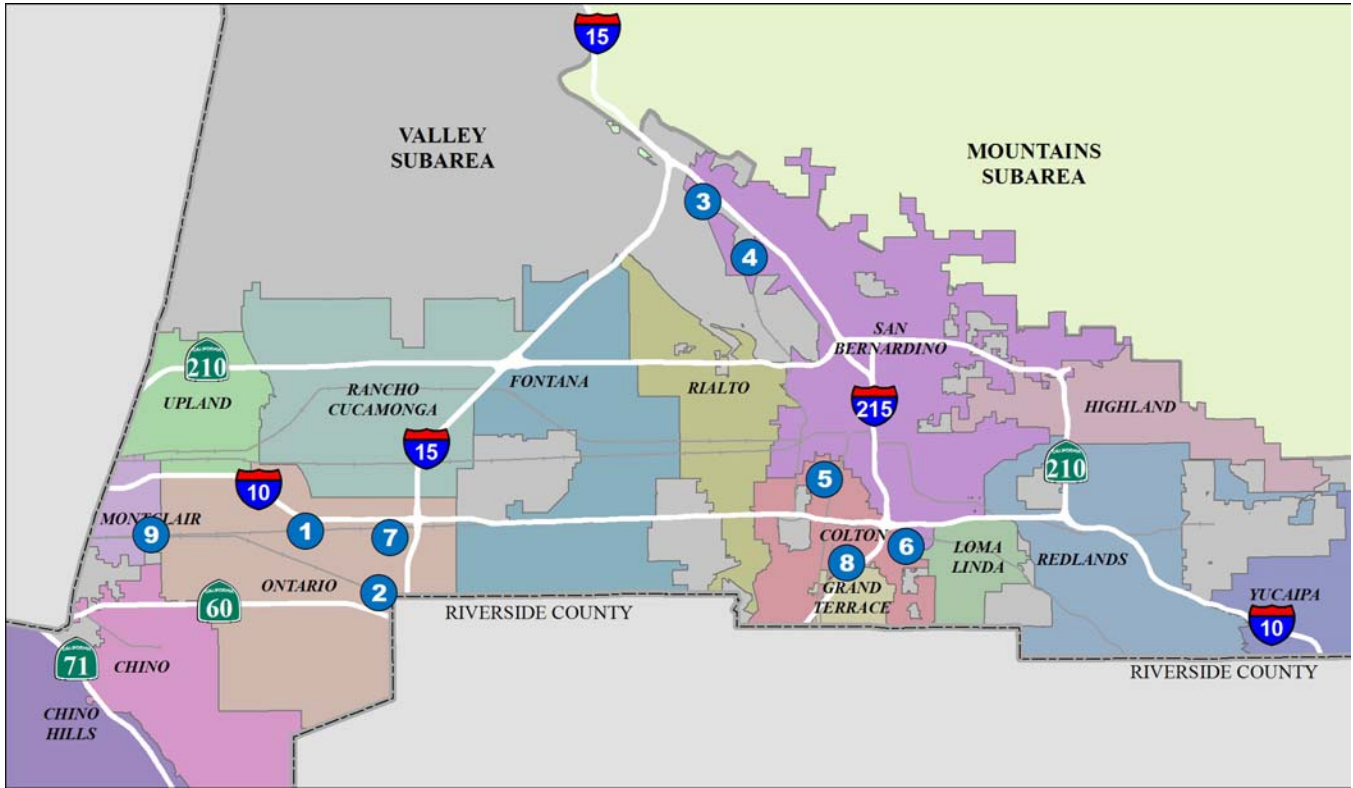
Task 0840 Grade Separation Projects

	2015-2016			
	2013-2014	2014-2015	Revised	2016-2017
Expenditures	Actuals	Actuals	Budget	Budget
Regular Full-Time Employees	7,253	8,292	-	-
Fringe Allocation-General	7,260	8,041	-	-
Professional Services	98,215	4,004	1,323,600	1,486,043
Consulting Services	5,021,340	4,520,319	3,939,998	1,108,587
Program Management Fees	730,177	817,638	759,850	495,000
Legal Fees	1,092,899	401,078	164,000	50,000
Construction Capital	39,457,328	44,381,398	40,786,412	33,436,186
Utilities Capital	-	(272,100)	-	-
Right of Way Capital	5,482,013	3,140,966	2,173,064	6,855,426
Postage	338	299	650	500
Advertising	1,861	-	500	2,000
Printing - External	13,494	185	2,200	2,500
Indirect Allocation-General	7,856	8,330	-	-
Indirect Allocation-Project Management	53,959	57,818	46,324	83,238
Total Expenditures	51,973,993	53,076,266	49,196,598	43,519,480

Funding Sources

Congestion Mitigation & Air Quality	300,000
Local Projects Fund	6,386,218
MSI 1990-Valley Fund-Major Projects	6,247
MSI North Desert Fund-Major Local Hwy	107,950
MSI Valley Fund-Freeway Projects	697,195
MSI Valley Fund-Grade Separations	1,896,601
Project National & Regional Significance	5,670,865
Public Utilities Commission	463,492
Trade Corridor Improvement Fund-PIB	2,480,837
Traffic Congestion Relief Program	101,419
Valley Major Street Bond Fund	25,408,656
Total Funding Sources	43,519,480

Major Projects Delivery Program Grade Separation Projects Valley Subarea



Project/Phases		Fiscal Year											
		2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	
1	North Vineyard Ave (UP)	PA/ED		PS&E		ROW		Cons		Landscape		Closeout	
2	South Milliken Ave (UP)	PA/ED		PS&E		ROW		Cons		Landscape		Closeout	
3	Glen Helen Pkwy (UP-BNSF)	PA/ED		PS&E		ROW		Cons		Landscape		Closeout	

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

**Major Projects Delivery Program
Grade Separation Projects
Valley Subarea**

Master Schedule											
Project/Phases	Fiscal Year										
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
4 <u>Palm Ave (BNSF)</u>											
5 <u>Laurel Ave (BNSF)</u>											
6 <u>Hunts Lane Grade Separation</u>											
7 <u>North Milliken Avenue Grade Separation</u>											
8 <u>9th Street Rail Improvements</u>											
9 <u>Monte Vista Grade Separation</u>											

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

1 Project North Vineyard Avenue Grade Separation (0877)

Description

Construct a grade separation over the Union Pacific Railroad (UPRR) tracks to relieve traffic congestion and improve safety. Current Phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$53,125,000	\$35,631,889	\$15,508,408	\$1,984,703

Contract Information

- a. Existing Contracts
 - i. 00-1000317, Final Design & Construction Support, Amount Budgeted \$100,000.
 - ii. 00-1000510, Right of Way Services and Capital, Amount Budgeted \$350,000.
 - iii. 00-1000848, Construction Support and Capital, Amount Budgeted \$15,000,000.

2 Project South Milliken Avenue Grade Separation (0876)

Description

Construct grade separation over Union Pacific Railroad (UPRR) tracks to relieve traffic congestion and improve safety. Project is located in the City of Ontario. Current Phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget*	Future Costs
\$76,815,000	\$17,509,694	\$8,286,408	\$24,618,898

*Additional \$26.4 million not going through SANBAG's books

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$1,118,577.

Contract Information

- a. Existing Contracts
 - i. 00-1000932, Final Design & Construction Support, Amount Budgeted \$228,000.
 - ii. 00-1000473, Right-of-Way Support and Capital, Amount Budgeted \$4,700,000.
 - iii. 00-1000843, Construction Support and Capital, Amount Budgeted \$3,300,000.

3 Project Glen Helen Parkway Grade Separation (0869)

Description

Construct grade separation over the UPRR and BNSF Railway tracks in Phase 1 and complete tie in to adjacent bridge project as part of future phase 2. The project is in the community of Devore. Current Phase: Construction close-out phase 1.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$34,711,000	\$30,789,364	\$255,841	\$3,665,795

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$255,842.

Contract Information

- a. Existing Contracts
 - i. 00-1000685, Construction Capital, Amount Budgeted \$250,000.

4 Project Palm Avenue Grade Separation (0874)

Description

Construct grade separation on Palm Avenue over the BNSF railroad tracks. The project straddles the City of San Bernardino and the County of San Bernardino. Current Phase: Right of Way and Construction closeout.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$24,201,000	\$22,014,955	\$2,186,045	\$0

Contract Information

- a. Existing Contracts
 - i. 00-1001006, Right of Way Services, Amount Budgeted \$700,000.
 - ii. 00-1000796, Right of Way Services, Amount Budgeted \$300,000.

5 Project **Laurel Street Grade Separation (0884)**

Description

Construct a railroad grade separation under the Burlington Northern Santa Fe Railroad (BNSF) tracks in the City of Colton to relieve traffic congestion and improve safety. Current phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$64,289,000	\$47,019,924	\$6,463,871	\$10,805,205

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$1,404,337.

Contract Information

- a. Existing Contracts
 - i. 00-1000354, Preliminary Design & Environmental Services, Amount Budgeted \$50,000.
 - ii. 00-1000711, Right of Way Services, Amount Budgeted \$275,546.
 - iii. 00-1000854, Right of Way Services, Amount Budgeted \$27,508.
 - iv. 00-1000898, Right of Way Services, Amount Budgeted \$50,008.
 - v. 00-1000906, Right of Way Services, Amount Budgeted \$57,517.
 - vi. 00-1000935, Right of Way Services, Amount Budgeted \$10,761.
 - vii. 00-1000734, Construction Management Services, Amount Budgeted \$565,269.
 - viii. 00-1000837, Construction Capital, Amount Budgeted \$2,323,686.
 - ix. 00-1000890, Construction Capital, Amount Budgeted \$1,410,779.
 - x. 00-1000935, Construction Capital, Amount Budgeted \$59,447.

6 Project Hunts Lane Grade Separation (0870)

Description

Construct grade separation on Hunts Lane over the UPRR tracks. The project straddles the cities of San Bernardino and Colton. Current Phase: Construction closeout.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$33,985,000	\$32,838,274	\$1,146,726	\$0

Contract Information

- a. Existing Contracts
 - i. 00-1000630, Construction Services, Amount Budgeted \$1,000,000.
 - ii. 00-1000200, Right of Way Services, Amount Budgeted \$100,000.

7 Project North Milliken Avenue Grade Separation (0882)

Description

Construct a grade separation over the Union Pacific Railroad (UPRR) tracks to relieve traffic congestion and improve safety. Current Phase: Construction closeout.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$67,079,760	\$67,068,591	\$11,169	\$0

8 Project 9th Street Rail Improvements (0885)

Description

Realign Union Pacific Railroad (UPRR) rail to improve safety and traffic operations and eliminate eleven at-grade railroad crossings in the City of Colton. Project associated with the Colton Crossing Project. Current phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$4,380,000	\$1,339,668	\$697,195	\$2,343,137

Contract Information

- a. Existing Contracts
 - i. 00-1000733, Construction Capital, Amount Budgeted \$675,000.

9 Project Monte Vista Avenue Grade Separation (0868)

Description

Construct Grade Separation on Monte Vista Avenue over the Union Pacific Railroad tracks in the City of Montclair. Current Phase: Construction.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$23,026,120	\$61,513	\$8,268,087	\$14,696,520

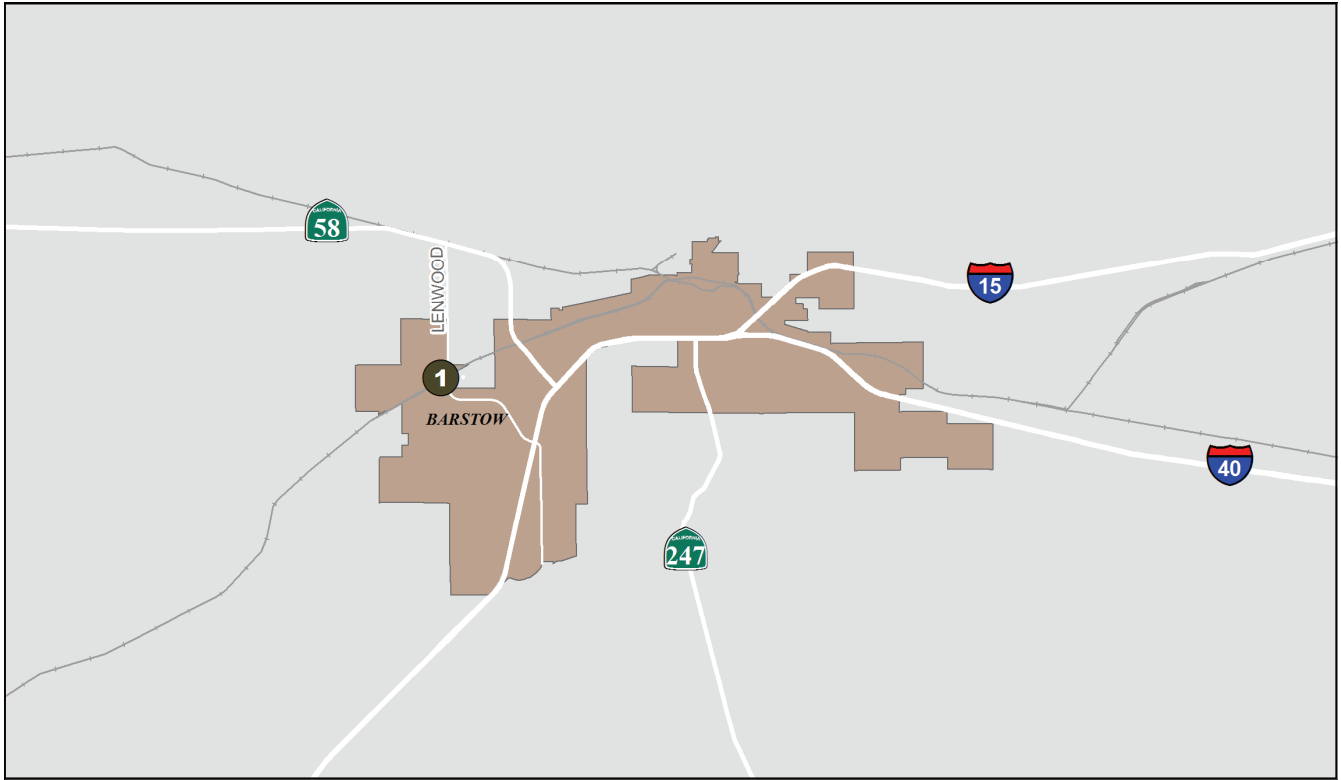
Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$337,525.

Contract Information

- a. Existing Contracts
 - i. 15-1001298, Construction Management Services, Amount Budgeted \$1,500,000.
- b. New Contracts
 - i. IFB, Construction Services, Amount Budgeted \$7,382,865, Total Estimated Contract \$18,315,100.

Major Projects Delivery Program Grade Separation Projects North Desert Subarea



Project/Phases		Fiscal Year											
		2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
1	Lenwood Grade Separation	PA/ED		PS&E		ROW		Cons		Landscape		Closeout	

Attachment: Major Projects Program (2580 : SANBAG Fiscal Year 2016/2017 Budget Task Review)

1 Project **Lenwood Road Grade Separation (0881)**

Description

Construct four lane grade-separated crossing over the Burlington Northern Santa Fe Railroad (BNSF) tracks to improve safety and reduce traffic congestion. Located in the City of Barstow. Current Phase: Construction Close out.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$29,916,000	\$29,220,270	\$695,730	\$0

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$463,583.

Contract Information

- a. Existing Contracts
 - i. 00-1000261, Final Design & Construction Support Services, Amount Budgeted \$50,000.
 - ii. 00-1000714, Right of Way Capital, Amount Budgeted \$25,000.
 - iii. 00-1000900, Right of Way Capital, Amount Budgeted \$197,700.
 - iv. 15-1001126, Right of Way Capital, Amount Budgeted \$45,000.
 - v. 00-1000869, Construction Management Services, Amount Budgeted, \$30,000.
 - vi. 00-1000983, Construction Capital, Amount Budgeted \$272,362.

Major Projects Delivery

Task 0860 Arterial Projects

Purpose

Improve flow of traffic on the San Bernardino Valley arterial streets by completing street and operational improvements.

Accomplishments

Construction of all four tiers of the Valley Signal Coordination Program has been completed. The operation and maintenance of the systems have been turned over to the local agencies. SANBAG currently provides an on-call specialized traffic signal coordination consultant to assist the local agencies in operating and maintaining the systems. Environmental clearance has been obtained on the ATP Metrolink improvements project and the design phase has started.

Contract Information – Major Projects Program*

- a. Existing Contracts
 - i. 15-1001195, Program Management Services, Amount Budgeted \$115,000.

* Contracts that are utilized on all Sub Tasks within the Program.

Manager

Garry Cohoe, Director of Project Delivery

Major Projects Delivery

Task 0860 Arterial Projects

	2015-2016			
	2013-2014	2014-2015	Revised	2016-2017
Expenditures	Actuals	Actuals	Budget	Budget
Regular Full-Time Employees	307	77	-	-
Fringe Allocation-General	308	75	-	-
Professional Services	-	-	288,245	1,354,467
Consulting Services	815,990	151,708	100,000	576,000
Program Management Fees	42,585	31,939	40,000	115,000
Construction Capital	-	-	-	50,000
Postage	6	-	-	-
Communications	23,134	145	-	-
Indirect Allocation-General	333	103	-	-
Indirect Allocation-Project Management	5,338	2,236	1,636	19,337
Total Expenditures	888,000	186,281	429,881	2,114,804
Funding Sources				
Active Transportation Program - State				626,000
Local Transportation Article 3 - Bicycle/Pedestrian				102,611
MSI Valley Fund-Traffic Mgmt Sys				386,193
SCAQMD/Mobile Source Review Comm.				1,000,000
Total Funding Sources				2,114,804

Project **Metrolink ATP Improvements (0401)**

Description

Construct pedestrian and bicycle accessibility improvements to local Metrolink stations. Current Phase: Design and Right of Way.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$4,929,000	\$119,861	\$728,611	\$4,080,528

Prior Year Budgeted Funds

The proposed budget includes Fiscal Year 2015/2016 budgeted funds in the estimated amount of \$716,000.

Contract Information

- a. Existing Contracts
 - i. 15-1001122, Design Services, Amount Budgeted \$576,000.
- b. New Contracts
 - i. RFP, Construction Management Services, Amount Budgeted \$50,000, Total Estimated Contract Amount \$400,000.

Project Valley Signal Coordination (0701)

Description

Improve the flow of traffic on the San Bernardino Valley arterial streets by coordinating traffic signals. Current Phase: Monitoring and maintenance.

Total Estimated Cost	Costs to Date	Proposed Budget	Future Costs
\$16,549,917	\$16,020,036	\$ 1,386,193	\$100,000

Contract Information

- a. Existing Contracts
 - i. 00-1000557, Construction Capital, Amount Budgeted \$339,467.
- b. New Contracts
 - i. RFP, Design Services, Amount Budgeted \$1,000,000.

Notes: Project consists of 1,200 locations throughout San Bernardino County. This task is not project specific. Not included on the map or master schedule.

Minute Action

AGENDA ITEM: 4

Date: *March 10, 2016*

Subject:

Mount Vernon Avenue Viaduct over the BNSF Railway Intermodal Facility

Recommendation:

That the following be reviewed and recommended for final approval by the Board of Directors at a regularly scheduled Board meeting:

Direct SANBAG staff to develop a Memorandum of Understanding (MOU) with the City of San Bernardino, designating San Bernardino Associated Governments (SANBAG) as the lead agency for Environmental Clearance, Design, Right-of-Way Acquisition and Construction of the Mount Vernon Avenue Viaduct over the BNSF Railway Intermodal Facility.

Background:

The Mount Vernon Avenue Viaduct over the BNSF Railway Intermodal Facility Project has been a high priority project for the City of San Bernardino for more than 15 years. In 1997, Caltrans inspectors determined that the bridge had a sufficiency rating of less than 50 out of a possible 100. Bridges rated less than 50 are considered to be structurally deficient and functionally obsolete. Due to the deficiency of the structure, Caltrans has allocated \$82 million of federal funds to the project.

In June of 2011, the City obtained environmental clearance from Caltrans for a bridge replacement. Currently in the design phase, the City is experiencing delays to the project schedule based on a variety of challenges including potential environmental revalidation needs, right-of-way issues and funding concerns. In an effort to expedite the completion of the project, the two parties have been in discussion in regards to SANBAG considering taking over the project due to SANBAG's extensive experience in delivering similarly large and complex projects. If SANBAG were to take over the project, the City would be responsible for all costs including SANBAG staff time. On February 16, 2016, the San Bernardino City Council directed City staff to begin working with SANBAG towards developing an MOU with SANBAG being the lead agency for Environmental Clearance, Design, Right-of-Way Acquisition and Construction phases.

SANBAG staff is recommending approval to develop an MOU with the City of San Bernardino, designating SANBAG as the lead agency for Environmental Clearance, Design, Right-of-Way Acquisition and Construction of the Mount Vernon Avenue Viaduct over the BNSF Railway Intermodal Facility. This MOU would be brought to the Board of Directors for approval once completed. In addition to the MOU, cooperative agreements with the City for the various phases of the project will be required.

Financial Impact:

This item has no impact on the Fiscal Year 2015/2016 Budget.

Entity: CTA, CTC

Board of Directors Metro Valley Study Session Agenda Item

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Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee.

Responsible Staff:

Garry Cohoe, Director of Project Delivery

Approved
Board of Directors Metro Valley Study Session
Date: March 10, 2016

Witnessed By:

Minute Action

AGENDA ITEM: 5

Date: *March 10, 2016*

Subject:

Preview of the Hearings to Consider Resolutions of Necessity for Parcels for the Interstate 215 (I-215) Barton Road Interchange Improvement Project in the City of Grand Terrace

Recommendation:

That the following be reviewed and recommended to proceed to Hearings for Resolutions of Necessity by the Board of Directors, acting in its capacity as the San Bernardino County Transportation Commission, at a regularly scheduled Board meeting:

- A. Conduct public hearings to consider condemnation of real property required for the I-215 Barton Road Interchange Improvement Project in the City of Grand Terrace; and
- B. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-014 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Terrel Ray McDuffee, Trustee of the Terrel R. McDuffee Trust, dated July 15, 2008 (Assessor's Parcel Number [APN] 1167-121-01; Caltrans Parcel Number [CPN] 23365). The Resolution must be approved by at least a two-thirds majority;
- C. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-018 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Stater Bros. Markets (APNs 1167-231-22, 1167-231-23, 1167-231-25, and 1167-231-26; CPN 23340). The Resolution must be approved by at least a two-thirds majority; and
- D. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-016 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Hyrosen Properties, Inc. (APN 1167-141-05; CPN 23322). The Resolution must be approved by at least a two-thirds majority.

Background:

Steady progress has been made towards the start of construction on the Interstate 215 (I-215) Barton Road Interchange Improvement Project (Project). One of the remaining critical path items is right-of-way acquisition. The SANBAG Board acting as the San Bernardino County Transportation Commission (Commission) has authorized the acquisition of property necessary for this interchange project. Some parcels are being acquired through negotiated sale. The purpose of this agenda item is to present information regarding the upcoming Hearings for Resolutions of Necessity to acquire from three property owners parcels needed for construction of the Project which have not reached settlement. The Commission's right-of-way agent,

Entity: CTC

Overland, Pacific & Cutler, Inc. (OPC) presented offers to each property owner. The property owners are: Terrel Ray McDuffee, Stater Bros. Markets, and Hyrosen Properties, Inc. Although negotiations are ongoing, dialogue with the property owners for the parcels listed has not yet resulted in settlements, and these parcels need to be acquired through eminent domain which requires compliance with a statutorily-prescribed process. During the eminent domain process, the Commission's right-of-way agent will continue to negotiate with the property owners and attempt to achieve negotiated sales for the necessary property interests.

The Commission is authorized to acquire property by eminent domain pursuant to the California Public Utilities Code Section 130220.5. Eminent domain will allow the Commission to obtain legal rights to the properties needed for the Project if a negotiated sale cannot be reached. Since the process takes several months, it is necessary to start this process now to ensure that the property interests are obtained to meet the scheduled start of construction in the summer of 2017.

In order to adopt the Resolutions of Necessity, the Commission must make the four findings discussed below for each of the parcels. The issue of just compensation for these property interests is not addressed by these Resolutions of Necessity and is not to be considered at the hearings. The four necessary findings are:

1. The public interest and necessity require the Project.

The Project is located in City of Grand Terrace where if no improvements are made to the interchange, the existing and future traffic congestion will not be mitigated. The proposed improvements, which are consistent with the circulation element of the City of Grand Terrace General Plan, are necessary to reduce existing and future traffic congestion. The congestion is reduced by increasing capacity and enhanced traffic operations.

The Project includes the following improvements:

- Replacement of the existing Barton Road Overcrossing (Bridge No. 54-0528)
- Reconstruction/widening of Barton Road
- Realignment of the existing entrance and exit ramps and roadway improvements on local streets
- Traffic signal modifications
- Roundabout at intersection of Barton Road/southbound ramps/La Crosse Avenue

On Barton Road, the Project construction limits extend from 0.3 miles to 0.4 miles west and east of the I-215 centerline, respectively. The Project construction limits on I-215 begin at 0.73 miles and end at 0.35 miles south and north of the Barton Road centerline, respectively.

2. The Project is planned and located in the manner that will be most compatible with the greatest public good and least private injury.

During the environmental phase of the Project three alternatives were studied. The City of Grand Terrace, SANBAG, and Caltrans selected this alternative to construct as it included the least right-of-way impacts to the community and provided the greatest improvement to circulation. The Project is being constructed in phases to maximize the traffic circulation during construction to the greatest extent possible and to minimize right-of-way impacts to adjacent properties. The proposed design minimizes the property required for the Project, but still requires full acquisitions, partial acquisitions, and temporary construction easements. During the design phase, project planners, engineers, and a construction manager/general contractor

considered alternative alignments, work windows, and work area reductions that would provide access to adjacent properties where access to those properties would be affected by the Project. Each alternative was assessed based on the needs and constraints of each property owner. Staff and OPC have also had numerous communications with the property owners about their needs in order to design the Project in a manner that causes the least private injury while accomplishing the greatest public good through construction of the Project.

3. The properties sought to be acquired are necessary for the Project.

While some of the Project is being constructed within existing right-of-way, some acquisition from the subject properties is needed to allow the construction of a new bridge, new road, existing roadbed widening, sound wall, drainage systems, and required utility relocations. For the subject properties, the following right-of-way interests are required:

- A partial acquisition, temporary construction easement, and permanent underground utility easement are needed from the Terrel Ray McDuffee property (APN 1167-121-01; CPN 23365). The parcel is improved commercial land with an unoccupied 1,024 square foot single-family residence and a standalone garage build in the 1920s with significant deferred maintenance. Due to its current condition, the inhabitable property is unoccupied thus requiring no relocations. The temporary construction easement area will require the removal and demolition of the structure.
- A partial acquisition and temporary construction easement are needed from the Stater Bros. Markets property (APNs 1167-231-22, 1167-231-23, 1167-231-25, and 1167-231-26; CPN 23340). The partial acquisition and temporary construction easement areas do not have any structures that will be impacted by the Project; and
- A full acquisition is needed from the Hyrosen Properties, Inc., property (APN 1167-141-05; CPN 23322) to accommodate the realignment of the Barton Road northbound exit ramp. The acquisition sought is zoned commercial manufacturing. The subject site was previously improved with an industrial building that was visible from the Interstate 215 freeway. After discussion with the owners, it was agreed that a full take was necessary. The building structure has recently sustained severe fire damage and the acquisition was appraised a second time taking into consideration the fire damage. Access to the site is available from Commerce Way and no relocations are anticipated.

4. Offers required by Section 7267.2 of the Government Code have been made to the owner or owners of record.

The subject properties were appraised and offers for the full amount of the appraisals were made to the owner or owners of record in accordance with Section 7267.2 of the Government Code.

- The offer for the Terrel Ray McDuffee property (APN 1167-121-01; CPN 23365) was presented on November 23, 2015.
- The offer for the Stater Bros. Markets property (APNs 1167-231-22, 1167-231-23, 1167-231-25, and 1167-231-26; CPN 23340) was presented on December 1, 2015.
- The revised offer for the Hyrosen Properties, Inc. property (APN 1167-141-05; CPN 23322) was presented on July 8, 2015. The original offer for the Hyrosen Properties, Inc. property was presented on November 5, 2014.

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Upon completion of the Project, the Commission will transfer properties acquired for this Project to Caltrans or to the City of Grand Terrace for those real property interests that will be incorporated into the State Highway System or the City facility, respectively.

Financial Impact:

This item has no financial impact to the project.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee. SANBAG General Counsel has reviewed this item and the draft resolutions.

Responsible Staff:

Paula Beauchamp, Project Delivery Manager

Approved
Board of Directors Metro Valley Study Session
Date: March 10, 2016

Witnessed By:

BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE RECORD – 2016

Name	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Curt Hagman Board of Supervisors	X	X										
James Ramos Board of Supervisors	X	X										
Janice Rutherford Board of Supervisors	X	X										
Josie Gonzales Board of Supervisors	X	X										
Robert Lovingood Board of Supervisors	X											
Rich Kerr City of Adelanto												
Curt Emick Town of Apple Valley												
Julie McIntyre City of Barstow												
Bill Jahn City of Big Bear Lake	X	X										
Dennis Yates City of Chino	X	X										
Ed Graham City of Chino Hills	X											
Frank Navarro City of Colton	X	X										
Michael Tahan City of Fontana	X	X										
Darcy McNaboe City of Grand Terrace	X	X*										
Eric Schmidt City of Hesperia												
Larry McCallon City of Highland	X											

Communication: Attendance (Additional Information)

X = member attended meeting. * = alternate member attended meeting. Empty box = Did not attend meeting. Crossed out box = not a Board Member at the time.

MVSSatt16 Shaded box = No meeting

BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE RECORD – 2016

Name	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Rhodes ‘Dusty’ Rigsby City of Loma Linda	X	X										
Paul Eaton City of Montclair	X	X										
Edward Paget City of Needles												
Alan Wapner City of Ontario	X	X										
L. Dennis Michael City of Rancho Cucamonga		X										
Jon Harrison City of Redlands	X	X										
Deborah Robertson City of Rialto		X										
R. Carey Davis City of San Bernardino	X	X										
Joel Klink City of Twentynine Palms												
Ray Musser City of Upland	X	X										
Ryan McEachron City of Victorville	X	X										
Dick Riddell City of Yucaipa	X	X										
George Huntington Town of Yucca Valley												

Communication: Attendance (Additional Information)

X = member attended meeting. * = alternate member attended meeting. Empty box = Did not attend meeting. Crossed out box = not a Board Member at the time.

MVSSatt16 Shaded box = No meeting

San Bernardino Associated Governments (SANBAG) is a council of governments formed in 1973 by joint powers agreement of the cities and the County of San Bernardino. SANBAG is governed by a Board of Directors consisting of a mayor or designated council member from each of the twenty-four cities in San Bernardino County and the five members of the San Bernardino County Board of Supervisors.

In addition to SANBAG, the composition of the SANBAG Board of Directors also serves as the governing board for several separate legal entities listed below:

***The San Bernardino County Transportation Commission**, which is responsible for short and long range transportation planning within San Bernardino County, including coordination and approval of all public mass transit service, approval of all capital development projects for public transit and highway projects, and determination of staging and scheduling of construction relative to all transportation improvement projects in the Transportation Improvement Program.*

***The San Bernardino County Transportation Authority**, which is responsible for administration of the voter-approved half-cent transportation transactions and use tax levied in the County of San Bernardino.*

***The Service Authority for Freeway Emergencies**, which is responsible for the administration and operation of a motorist aid system of call boxes on State freeways and highways within San Bernardino County.*

***The Congestion Management Agency**, which analyzes the performance level of the regional transportation system in a manner which ensures consideration of the impacts from new development and promotes air quality through implementation of strategies in the adopted air quality plans.*

*As a **Subregional Planning Agency**, SANBAG represents the San Bernardino County subregion and assists the Southern California Association of Governments in carrying out its functions as the metropolitan planning organization. SANBAG performs studies and develops consensus relative to regional growth forecasts, regional transportation plans, and mobile source components of the air quality plans.*

Items which appear on the monthly Board of Directors agenda are subjects of one or more of the listed legal authorities. For ease of understanding and timeliness, the agenda items for all of these entities are consolidated on one agenda. Documents contained in the agenda package are clearly marked with the appropriate legal entity.

This list provides information on acronyms commonly used by transportation planning professionals. This information is provided in an effort to assist SANBAG Board Members and partners as they participate in deliberations at SANBAG Board meetings. While a complete list of all acronyms which may arise at any given time is not possible, this list attempts to provide the most commonly-used terms. SANBAG staff makes every effort to minimize use of acronyms to ensure good communication and understanding of complex transportation processes.

AB	Assembly Bill
ACE	Alameda Corridor East
ACT	Association for Commuter Transportation
ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
APTA	American Public Transportation Association
AQMP	Air Quality Management Plan
ARRA	American Recovery and Reinvestment Act
ATMIS	Advanced Transportation Management Information Systems
BAT	Barstow Area Transit
CALACT	California Association for Coordination Transportation
CALCOG	California Association of Councils of Governments
CALSAFE	California Committee for Service Authorities for Freeway Emergencies
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CMAQ	Congestion Mitigation and Air Quality
CMIA	Corridor Mobility Improvement Account
CMP	Congestion Management Program
CNG	Compressed Natural Gas
COG	Council of Governments
CPUC	California Public Utilities Commission
CSAC	California State Association of Counties
CTA	California Transit Association
CTC	California Transportation Commission
CTC	County Transportation Commission
CTP	Comprehensive Transportation Plan
DBE	Disadvantaged Business Enterprise
DEMO	Federal Demonstration Funds
DOT	Department of Transportation
EA	Environmental Assessment
E&D	Elderly and Disabled
E&H	Elderly and Handicapped
EIR	Environmental Impact Report (California)
EIS	Environmental Impact Statement (Federal)
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FSP	Freeway Service Patrol
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GFOA	Government Finance Officers Association
GIS	Geographic Information Systems
HOV	High-Occupancy Vehicle
ICTC	Interstate Clean Transportation Corridor
IEEP	Inland Empire Economic Partnership
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
IIP/ITIP	Interregional Transportation Improvement Program
ITS	Intelligent Transportation Systems
IVDA	Inland Valley Development Agency
JARC	Job Access Reverse Commute
LACMTA	Los Angeles County Metropolitan Transportation Authority
LNG	Liquefied Natural Gas
LTF	Local Transportation Funds

MAGLEV	Magnetic Levitation
MARTA	Mountain Area Regional Transportation Authority
MBTA	Morongo Basin Transit Authority
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MSRC	Mobile Source Air Pollution Reduction Review Committee
NAT	Needles Area Transit
NEPA	National Environmental Policy Act
OA	Obligation Authority
OCTA	Orange County Transportation Authority
PA&ED	Project Approval and Environmental Document
PASTACC	Public and Specialized Transportation Advisory and Coordinating Council
PDT	Project Development Team
PNRS	Projects of National and Regional Significance
PPM	Planning, Programming and Monitoring Funds
PSE	Plans, Specifications and Estimates
PSR	Project Study Report
PTA	Public Transportation Account
PTC	Positive Train Control
PTMISEA	Public Transportation Modernization, Improvement and Service Enhancement Account
RCTC	Riverside County Transportation Commission
RDA	Redevelopment Agency
RFP	Request for Proposal
RIP	Regional Improvement Program
RSTIS	Regionally Significant Transportation Investment Study
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agencies
SB	Senate Bill
SAFE	Service Authority for Freeway Emergencies
SAFETEA-LU	Safe Accountable Flexible Efficient Transportation Equity Act – A Legacy for Users
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCRRA	Southern California Regional Rail Authority
SHA	State Highway Account
SHOPP	State Highway Operations and Protection Program
SOV	Single-Occupant Vehicle
S RTP	Short Range Transit Plan
STAF	State Transit Assistance Funds
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
TAC	Technical Advisory Committee
TCIF	Trade Corridor Improvement Fund
TCM	Transportation Control Measure
TCRP	Traffic Congestion Relief Program
TDA	Transportation Development Act
TEA	Transportation Enhancement Activities
TEA-21	Transportation Equity Act for the 21 st Century
TMC	Transportation Management Center
TMEE	Traffic Management and Environmental Enhancement
TSM	Transportation Systems Management
TSSDRA	Transit System Safety, Security and Disaster Response Account
USFWS	United States Fish and Wildlife Service
VCTC	Ventura County Transportation Commission
VVTA	Victor Valley Transit Authority
WRCOG	Western Riverside Council of Governments

San Bernardino Associated Governments



MISSION STATEMENT

To enhance the quality of life for all residents, San Bernardino Associated Governments (SANBAG) will:

- Improve cooperative regional planning
- Develop an accessible, efficient, multi-modal transportation system
- Strengthen economic development efforts
- Exert leadership in creative problem solving

To successfully accomplish this mission, SANBAG will foster enhanced relationships among all of its stakeholders while adding to the value of local governments.

Approved June 2, 1993
Reaffirmed March 6, 1996