San Bernardino Associated Governments

1170 W. 3rd Street, 2nd Floor, San Bernardino, CA 92410
Phone: (909) 884-8276 Fax: (909) 885-4407
Web: www.sanbag.ca.gov

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

AGENDA
Board of Directors Metro Valley Study Session

June 11, 2015

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
Michael Tahan, Mayor Pro Tem
City of Fontana

Study Session Vice-Chair
Ray Musser, Mayor
City of Upland

Dennis Yates, Mayor
City of Chino

Ed Graham, Mayor Pro Tem
City of Chino Hills

Frank Navarro, Mayor Pro Tem
City of Colton

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

Alan Wapner, Mayor Pro Tem
City of Ontario

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

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

Mike Leonard, Council Member
City of Hesperia

Edward Paget, Mayor
City of Needles

Joel Klink, Mayor
City of Twentynine Palms

George Huntington, Mayor
Town of Yucca Valley

County Board of Supervisors

Robert Lovingood, First District
Janice Rutherford, Second District
James Ramos, Third District
Curt Hagman, Fourth District
Josie Gonzales, Fifth District

Ex-Officio Member – John Bulinski, Caltrans Interim 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

June 11, 2015
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 Michael Tahan)

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 KASA Construction Inc., Brutoco Engineering and Construction, Ortiz Enterprises, Inc., Sully-Miller Contracting Company, Skanska USA Civil West, Riverside Construction Company, Inc and Flatiron West, Inc.

Receive and file change order report.
Garry Cohoe

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

DISCUSSION ITEMS

Discussion - Administrative Matters

3. Election of Committee Chair and Vice Chair

Conduct elections for members to serve as Chair and Vice Chair of the SANBAG Board of Directors Metro Valley Study Session for terms to end on June 30, 2016.
Garry Cohoe

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

Discussion - Project Delivery

4. Grade Separation Program Update

Receive a presentation on the Grade Separation Program.
Garry Cohoe

This item is also scheduled for review by the Mountain/Desert Policy Committee on June 19, 2015.

5. Major Projects Status Briefing for the Period through March 2015

Receive the Major Projects Status Briefing for the period through March 2015.
Garry Cohoe

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

6. Status of Sale of Surplus Property

Receive update on status of SANBAG's surplus property from various projects.
Dennis Saylor

This item is also scheduled for review by the Mountain/Desert Policy Committee on June 19, 2015.

7. SR-210 Lane Addition and Base Line Interchange Project

That the following be reviewed and recommended for final approval by the Board of Directors, acting in its capacity as the San Bernardino County Transportation Authority, at a regularly scheduled Board meeting:

A. Approve Amended and Restated Cooperative Agreement No. C13027 with the City of Highland for the delivery of the Planning, Environmental, Design, Right-of-Way, Construction and Landscape Maintenance phases of the State Route 210 (SR-210) Base Line Interchange Project for a total of $21,044,780, consisting of $12,227,018 of Measure I Valley Fund Freeway Interchange Program funds and $8,817,762 of City of Highland funds; and

B. Authorize the release of Request for Proposals (RFP) No. 15-1001231 for the preparation of Plans, Specifications and Estimate (PS&E), Right of Way (ROW) Engineering Services and Construction Support Services for the SR-210 Lane Addition and Base Line Interchange Project.

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

C. Approve Amended and Restated Cooperative Agreement No. C13027, with the City of Highland for the delivery of the Planning, Environmental, Design, Right-of-Way, Construction and Landscape Maintenance phases of the State Route 210 (SR-210) Base Line Interchange Project for a total of $21,044,780 which consists of $12,227,018 of Measure I Valley Fund Freeway Interchange Program funds and $8,817,762 of City of Highland funds; and

D. Approve Cooperative Agreement No. 15-1001230 with California Department of Transportation (Caltrans) District 8 for the SR-210 Lane Addition and Base Line Interchange Project for oversight services associated with the design and right-of-way phases.
Brian Smith

This item is not scheduled for review by any other policy committee or technical advisory committee. SANBAG General Counsel and Procurement Manager have reviewed this item, drafts of the agreements, and the RFP scope of work.

Discussion - Transportation Programming and Fund Administration

8. Funding Allocation and Project List for Valley Major Street Program/Arterial Sub-Program for Fiscal Year 2015/2016

That the following be reviewed and recommended for final approval by the Board of Directors, acting in its capacity as the San Bernardino County Transportation Authority, at a regularly scheduled Board meeting:

A. Approve the Measure I Funding Allocations for the Valley Major Street Program/Arterial Sub-Program for Fiscal Year 2015/2016 as referenced in Table 1 in this Agenda Item.

B. Approve the Project List for the Measure I Valley Major Street Program/Arterial Sub-Program for Fiscal Year 2015/2016 as referenced in Attachment 1 to this Agenda Item.
Ellen Pollema

The information in this item was reviewed by the Transportation Technical Advisory Committee on March 2, 2015. It is not scheduled for review by any other policy committee.

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

August 13, 2015

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, 2nd Floor, San Bernardino at least 72 hours in advance of the meeting. Complete packages of this agenda are available for public review at the SANBAG offices and our website: www.sanbag.ca.gov. Staff reports for items may be made available upon request. For additional information call (909) 884-8276.

Agenda Actions – Items listed on both the "Consent Calendar" and "Items for Discussion" contain suggested 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.

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 SANBAG Clerk prior to the Board's consideration of the item. A "Request to Speak" form must be completed for *each* item when 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.

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. The time limits established in "Public Testimony on an Item" still apply.*

Disruptive 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 conduct includes 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, or otherwise preventing the Board from conducting its meeting in an orderly manner. *Please be aware that a NO SMOKING policy has been established for meetings. 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

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Minute Action

AGENDA ITEM: 1

Date: June 11, 2015

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:

Item No.	Contract No.	Principals & Agents	Subcontractors
2-A	C13022	Kasa Construction, Inc. *Diana Kasbar*	MSL Electric, Inc. Quality Hydroseeding & Restoration Treesmith Enterprises, Inc. Turboscape, Inc.
2-B	C12036	Brutoco Engineering and Construction, Inc. *Andy Acosta*	A.C. Dike Company ACL Construction, Inc. Alcorn Fence Company All American Asphalt AVAR Construction Systems, Inc. Cal-Stripe, Inc. Castle Walls LLC CGO Construction Company, Inc. Coffman Specialties, Inc. Cooper Engineering, Inc. C.P. Construction Company, Inc. Diversified Landscape Company Dywidag Systems International G & F Concrest Cutting Griffith Company Harber Companies, Inc. Integrity Rebar Placers

Entity: CMA, COG, CTA, CTC, SAFE

			KEC Engineering KRC Safety Co., Inc. LaLonde Equipment Rental Leinaia's Transportation S.D. Precast Concrete, Inc. dba Pomeroy South Coast Sweeping Sully-Miller Contracting Company Treesmith Enterprises, Inc. Truesdale Corporation of California Visual Pollution Technologies West Coast Boring, Inc.
2-C	C12224	Ortiz Enterprises, Inc. *Patrick A. Ortiz*	Alcorn Fence Company Bithell, Inc. Cal-Stripe, Inc. CGO Construction Cooper Engineering, Inc. Coral Construction Company Coreslab Structures Diversified Landscape Company Griffith Company Harber Companies, Inc. Hardy & Harper Hydro Sprout Integrity Rebar Placers L. Johnson Lincoln Pacific Mahaffey Companies Rogan Concrete Coring & Sawing SRD Engineering, Inc. Statewide Traffic Safety & Signs Superior Gunite Truesdell Corporation West Coast Welding, Inc.
2-D	C12196	Ortiz Enterprises, Inc. *Patrick A. Ortiz*	A.C. Dike Company ACL Construction, Inc. All American Asphalt CGO Construction Company, Inc. Chrisp Company Cindy Trump, Inc. Coral Construction Company DC Hubbs Company Diversified Landscape Company EBS General Engineering, Inc.

			Foundation Pile, Inc. Hard Rock Equipment High Light Electric, Inc. Integrity Rebar Placers KEC Engineering Malcom Drilling Company R.J. LaLonda, Inc. SRD Engineering Statewide Traffic Safety & Signs
2-E	C14164	Sully-Miller Contracting Company *Raymond Sanchez*	A.C. Dike Company ACL Construction Company, Inc. Bravo Sign & Design Cal-Stripe, Inc. Coral Construction Company Diversified Landscape 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-F	C11184	Skanska USA Civil West *Tim Wilson*	Ace Fence Company Anderson Drilling Empire Steel J P Striping, Inc. J.V. Land Clearing Company, Inc. Marina Landscape, Inc. MSL Electric Municon Consultants Reycon Construction, Inc. Statewide Traffic Safety & Signs Tipco Engineering
2-G	C13108	Skanska USA Civil West *Jeffrey Langevin*	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.

			Rock Structures Construction, Co. Sierra Landscape Development, Inc.
2-H	C13121	Riverside Construction Company, Inc. *Donald Pim*	Caliagua Chrisp Company C.P. Construction Crown Fence Griffith Company Golden State High Light Electric, Inc. Integrity Rebar Placers J.V. Land Clearing Company, Inc. Malcom Drilling Company Matich Corporation Old Castle Precast, Inc. Pacific Waterproofing Reycon Construction
2-I	C14162	Flatiron West, Inc. *Christian M. Peich*	Advanced Concrete Sawing & Sealing All American Asphalt Coral Construction D.C. Hubbs Construction Elecnor Belco Electric, Co. Griffith Company Integrity Rebar Placers L. Johnson Construction, Inc. Malcolm Drilling Company Old Castle Precast, Inc. Payco Specialties, Inc. Southwest V-Ditch, Inc.

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: June 11, 2015

Witnessed By:

Governments SANBAG Working Together

San Bernardino Associated Governments

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TRANSPORTATION MEASURE I

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

Minute Action

AGENDA ITEM: 2

Date: June 11, 2015

Subject:
Construction Contract Change Orders to on-going SANBAG Construction Contracts with KASA Construction Inc., Brutoco Engineering and Construction, Ortiz Enterprises, Inc., Sully-Miller Contracting Company, Skanska USA Civil West, Riverside Construction Company, Inc and Flatiron West, Inc.

Recommendation:
Receive and file change order report.

Background:
Of SANBAG's twelve on-going construction contracts in the Metro Valley, nine 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) 13022 with KASA Construction Inc. for the SR-210 Segment 11 Landscaping project: CCO No. 12 ($33,378.72 increase for full street-width paving of potholing of existing utilities for underground irrigation control conductors as required by the City of San Bernardino), CCO No. 13 Supplement 1 ($897.20 increase to compensate contractor for 10% markup for additional electrical work performed by subcontractor) and CCO No. 17 ($7,500.00 increase for payment to contractor for replacement plant material damaged by freezing weather).

B. CN C12036 with Brutoco Engineering and Construction for construction of the I-10 Citrus Avenue Interchange project: CCO No. 65 Supplement 1 ($1,400.00 additional funds to reimburse the contractor for on-the-job apprentice Training program as specified in the contract Standard Specifications).

C. CN C12224 with Ortiz Enterprises, Inc. for construction of the I-10 Cherry Avenue Interchange project: CCO No. 1 Supplement 1 ($12,000.00 increase in funds for Flagging and Maintenance of Traffic as required by the contract Special Provisions), CCO No. 38 Supplement 1 ($14,000.00 increase in funds for removal of temporary traffic stripe throughout the project), CCO No. 42 Supplement 1 ($5,000.00 additional funds for maintaining temporary pedestrian access through the project during construction), CCO No. 45 Supplement 1 ($10,000.00 additional funds for modifications to Drainage Systems 21, 57, 62 and realignment of fiber optic line), CCO No. 58 ($9,590.50 increase for modifications to striping along Cherry Avenue as requested by the City of Fontana and the County of San Bernardino) and CCO No. 60 ($49,269.71 increase for installation of LED lighting equipment as required by Caltrans).

D. CN C12196 with Ortiz Enterprises, Inc. for construction of the I-10 Tippecanoe Avenue Interchange Phase I project: CCO No. 51 ($5,940.40 increase to reimburse the contractor for on-the-job apprentice Training program as specified in the contract Standard Specifications).

E. CN C14164 with Sully-Miller Contracting Company for construction of the I-10 Tippecanoe

Avenue Interchange Phase II project: CCO No. 1 (no cost/no credit change to the Special Provisions for removing the requirement of Paleontological Resources from the contract as it was not needed based on earlier work by Caltrans), CCO No. 2 (no cost/no credit change for revisions to the Special Provisions Section Work Around Parcel to revise the date parcels would be made available to the contractor), CCO No. 3 ($50,000.00 increase for maintenance of traffic control as provided for in the contract Standard Specifications), CCO No. 4 ($35,000.00 for Partnering as provided for in the contract Special Provisions), CCO No. 5 ($15,000.00 increase for the creation of a Dispute Review Board as provided for in the Special Provisions), CCO No. 6 ($10,605.65 increase to compensate contractor for installing AC driveway for residential property on Conejo Drive per Right of Way agreement), CCO No. 7 ($2,300.00 increase for the contractor to perform landscape irrigation repairs and replace unhealthy or dead plantings as provided by the Standard Specifications), CCO No. 8 ($6,750.00 increase for the removal of one dying eucalyptus tree as requested by Caltrans), CCO No. 9 ($19,400.00 increase to compensate the contractor for Storm Water Maintenance as provided for in the contract Special Provisions), CCO No. 10 ($10,000.00 increase for the removal and disposal of buried man-made objects encountered during construction as allowed by the contract Standard Specifications) and CCO No. 12 ($60,000.00 increase for over-excavation to remove unsuitable saturated native soil and replace with suitable soils over geotechnical fabric to provide for proper subbase for embankment material for new westbound off ramp).

F. CN C11184 with Skanska USA Civil West for construction of the Hunts Lane Grade Separation project: CCO No. 19 Supplement 3 ($882.13 additional funds for construction of a bypass drainage channel to divert water around utility improvements installed in planned drainage swale), CCO No. 71 ($86,357.51 increase for settlement of Notice of Potential Claim (NOPC) No. 3 providing payment to the contractor for claimed work as directed by CCO No. 41 to relocate drainage system around Edison underground transmission line), CCO No. 74 ($8,692.46 increase for settlement of NOPC No. 5 providing payment to the contractor for work required for reconstructing sidewalk for ADA compliance), CCO No. 75 ($32,929.10 increase for settlement of NOPC No. 6 providing payment to the contractor for work required for reconstructing the barrier slab curb return for ADA compliance), CCO No. 76 ($40,145.13 increase for settlement of NOPC No. 7 providing payment to the contractor for work directed by CCO No. 49 to provide closure plates at bridge abutment walls), CCO No. 77 (no cost/no credit change for settlement of NOPC No. 4 for work provided under CCO No. 14 to maintain access to local businesses during construction) and CCO No. 78 (no cost/no credit change for settlement of deferred time on change orders 54 through 59, 61 through 63, 66 and 72 for an additional 79 non-compensable working days).

G. CN C13108 with Skanska USA Civil West for construction of the Palm Avenue Grade Separation project: CCO No. 10 Supplement 1 ($10,505.00 additional funds for reconfiguration of the street lighting system to accommodate new frontage road consisting of portions of old Palm Avenue and Industrial Parkway), CCO No. 23 Supplement 2 ($25,000.00 additional funds for changes to the new frontage road per City of San Bernardino request including troubleshooting existing street lighting system and replacement of concrete driveway to business property), CCO No. 25 Supplement 2 ($32,732.00 additional funds for changes to the planned drainage systems in front of Denny's Restaurant and directed modifications to contractor work plan so as to complete all work on Denny's property prior to the expiration of the Temporary Construction Easement (TCE)), CCO No. 26 Supplement 1 ($10,000.00 additional funds for work required within the BNSF right of way as required by BNSF), CCO No. 27 ($3,025.00 increase for the replacement of traffic signal loop detectors for the signal at the southbound I-215 ramps removed during Palm Avenue street improvements not shown on the plans), CCO No. 31

($4,800.00 increase to reimburse the contractor for on-the-job apprentice Training program as specified in the contract Standard Specifications), CCO No. 32 ($230.00 decrease for installing roadside signs on street lights rather than on wooden posts as requested by the City of San Bernardino), CCO No. 33 ($527.00 increase for modifications to pole gate for installation at alternate location as approved by the City of San Bernardino) and CCO No. 34 ($2,431.00 increase for adding an outside shoulder stripe along Palm Avenue across the bridge structure as requested by the City of San Bernardino).

H. CN C13121 with Riverside Construction Company, Inc. for construction of the Laurel Street Grade Separation project: CCO No. 7 Supplement 1 ($87,122.00 increase in funds to use open-trench method of installing steel casings under BNSF tracks for AT&T and City of Colton Electric facilities in lieu of jacking due to differing site conditions), CCO No. 40 ($28,000.00 increase to compensate contractor for additional mobilization costs due to delays in relocating existing water line and AT&T overhead line), CCO No. 44 ($5,000.00 increase for constructing a variable height retaining curb on the TCI property), CCO No. 45 ($20,000.00 increase to compensate contractor for work to meet right of way obligations not addressed in the contract documents) and CCO No. 46 ($14,000.00 increase for removing and resetting the BNSF signal bridge per BNSF request resulting in time and cost savings to the project in-lieu of having BNSF perform the work as per the Construction and Maintenance Agreement).

I. CN C14162 with Flatiron West, Inc. for the construction of the I-15 Base Line Road Interchange project: CCO No. 6 ($26,247.00 increase for repairs to existing irrigation system as provided for in the contract Special Provisions), CCO No. 11 ($12,000.00 increase for concrete slurry backfill to fill void behind Ground Anchor Wall No. 2), CCO No. 12 ($27,693.00 increase to compensate contractor for compliance with Fire Plan as required by SANBAG), CCO No. 13 ($16,800.00 increase to reimburse the contractor for on-the-job apprentice Training program as specified in the contract Standard Specifications), CCO No. 14 ($15,000.00 increase for the removal and disposal of buried man-made objects encountered during construction as allowed by the Standard Specifications), CCO No. 15 (no cost/no credit change for the elimination of Bid Item No. 69 Impervious Backfill Material (Retaining Wall) and replace with Geocomposite Drain system as approved by Caltrans) and CCO No. 16 ($17,970.00 increase to compensate contractor for installing and maintaining additional K-rail and Crash Cushion Array to increase safety for the traveling public).

Financial Impact:
This item imposes no financial impact, as all CCOs are within previously approved contingency amounts under Task No's. 0824, 0826, 0842, 0870, 0874, 0884 and 0892.

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: June 11, 2015

Witnessed By:

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

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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
	CCO TOTAL	**$ 1,152,351.11**
	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
10	Maintain Existing Electrical System	$ 10,000.00

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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
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
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
49	Replace Spalled Slabs in Lieu of Patching	$ 233,882.72
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

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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**
60	**Installation of LED Lighting Equipment**	**$ 49,269.71**
	CCO TOTAL	**$ 1,497,773.07**
	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
4	Additional Traffic Control	$ 25,000.00
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
7	Temporary Drainage System	$ 10,000.00
8	Revisions to Denny's, Cross Slope and Detour	$ 71,027.00
8 S-1	Additional Funds	$ 3,500.00
9	Relocate Existing Pole Gate	$ 4,242.00
10	Various Electrical Changes	$ 39,600.00
10 S-1	**Additional Funds**	**$ 10,505.00**
11	Wrought Iron Fence Substitution	$ (5,000.00)
12	Water Meter Installation	$ 24,514.00
12 S-1	Additional Funds	$ 2,000.00
13	Dispute Resolution Advisor	$ 15,000.00
14	Cable Railing for Headwalls and Wing-Walls	$ 3,750.00
15	Electrical Services	$ 50,000.00
16	VECP for Retaining Wall Elimination	$ (65,686.51)
17	Transition Barrier Railing at BNSF R/W	$ 5,263.25
18	Curb and Gutter Near Edison Pole	$ 30,000.00
19	Chain Link Fence Details on Bridge	$ 1,050.50
20	Bridge Deck Profilograph	$ 1,540.00
21	Accelerated Weekend Work	$ 88,279.00
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**
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**

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26	BNSF Roadway Removals	$ 40,263.00
26 S-1	**Additional Funds**	**$ 10,000.00**
27	**Traffic Signal Loops**	**$ 3,025.00**
29	DG Walk, Swale and AC Dike changes near UPRR	$ 3,530.00
30	Pavement Delineation on Industrial Parkway	$ 4,540.00
31	**Apprentice Training**	**$ 4,800.00**
32	**Roadside Signs on Street Light Poles**	**$ (230.00)**
33	**Modify Pole Gate**	**$ 527.00**
34	**Additional Shoulder Stripe**	**$ 2,431.00**
	CCO TOTAL	**$ 678,002.24**
	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	$ 11517.60
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

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14 S-2	Decrease in Funds	$ (5,200.00)
14 S-3	Decrease in Funds	$ (852.61)
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

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33 S-1	Additional Funds	$ 1,651.85
34	Modification of DRB Agreement – Position Paper Due Dates	$ 0.00
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**

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7	**Landscaping Repairs**	**$ 2,300.00**
8	**Tree Removal**	**$ 6,750.00**
9	**Strom Water Maintenance**	**$ 19,400.00**
10	**Buried Man-made Objects**	**$ 10,000.00**
12	**Placement of Suitable Embankment Material Westbound Off-ramp**	**$ 60,000.00**
	CCO TOTAL	**$ 198,450.00**
	TOTAL CONTINGENCY AND SUPPLEMENTAL	**$ 1,583,771.87**

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
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**
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

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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 WD's for Jack and Bore	$ 0.00
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
56	Removal of At-Grade Crossing Equipment	$ 20,000.00
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
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
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**
	CCO TOTAL	**$ 911,785.63**
	TOTAL CONTINGENCY AND SUPPLEMENTAL	**$ 1,833,947.00**

I-10 Riverside Avenue Landscaping - Executed Change Orders		
Number	Description	Amount
1	Additional Roadway Work and Roadside Signs	$ 26,569.83
1 S-1	Drainage for Nuisance Water on W/B Shoulder	$ 30,873.47
1 S-2	Returning Unused Funds to Contingency	$ (18,598.88)
2	Suspension of Work	$ 0.00
3	Existing Irrigation System Deficiencies Corrections	$ 5,000.00
3 S-1	Additional Funds	$ 2,149.31
3 S-2	Returning Unused Funds to Contingency	$ (128.86)
3 S-3	Additional Funds for Rock Blanket Repairs	$ 398.33
4	Saw Cut Existing AC Pavement Edge	$ 4,541.93

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Attachment: MVSS CCO Log (1964 : Construction Contract Change Orders MVSS1506)

4 S-1	Returning Unused Funds to Contingency	$ (2,270.96)
5	Agency Compensation for Costs and Expenses Incurred AWL Default	$ (102,000.00)
6	Remove SWPPP Reporting and Inspection Requirements	$ (653.20)
7	Remove/Replace Existing MBGR, Saw Cut Existing AC Pavement, and Install Vegetation Control	$ 34,873.11
8	Re-Stripe Riverside Avenue	$ 29,500.33
9	Delete Contract Item No. 52, 75mm Pressure Relief Valve	$ (950.00)
10	Install Rigid PVC Risers	$ 4,250.00
11	Dispose of Rock from Irrigation Trenching Operations	$ 10,000.00
11 S-1	Returning Unused Funds to Contingency	$ (7,718.45)
12	Reconstruction of AC Dike/Shoulder Eastbound	$ 59,012.59
12 S-1	Additional Funds	$ 6,105.00
13	17 WD Time Extension to Cover Project	$ 5,000.00
13 S-1	Returning Unused Funds to Contingency	$ (5,000.00)
14	Added Quantities of Bid Items	$ 837.40
	CCO TOTAL	**$ 81,790.95**
	TOTAL CONTINGENCY AND SUPPLEMENTAL	**$ 204,850.00**

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
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

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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
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**
44	**Retaining Curb on TCI Property**	**$ 5,000.00**
45	**Cost to meet Right of Way Obligations**	**$ 20,000.00**
46	**BNSF Signal Bridge**	**$ 14,000.00**
	CCO TOTAL	**$ 984,817.47**
	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
	CCO TOTAL	**$ 15,000.00**
	TOTAL CONTINGENCY AND SUPPLEMENTAL	**$ 199,918.60**

SR-210 Segment 10 Landscaping - Executed Change Orders		
Number	Description	Amount
1	Revise Irrigation Controller Equipment	$ 6,248.25
2	Increase Cost for Water Meter	$ 14,832.70
3	Shared Water Pollution Control Costs	$ 6,000.00
4	Install ICC Enclosure	$ 2,500.00
5	Repair Existing Irrigation Facilities	$ 3,000.00
6	Repair Slope Damage	$ 35,000.00
6 S-1	Repair Slope Damage - Time Adjustment	$ 0.00
7	Increase Water Rates	$ 2,500.00
7 S-1	Increase Water Rates	$ 1,948.78
8	Time Adjustment - Water Meter Repair by WVWD	$ 0.00
9	Frost Damage	$ 7,500.00
10	Wild Flower Seeding	$ 13,107.58
11	Foliage Protector Removal	$ 10,000.00
11 S-1	Foliage Protector Removal - Additional Funds	$ 25,000.00
11 S-2	Foliage Protector Removal - Additional Funds	$ 20,000.00
11 S-3	Foliage Protector Removal - Additional Funds	$ 8,834.70
12	Final Item Adjustment	$ 0.00
13	Detention Basin Clearing	$ 3,658.41
	CCO TOTAL	**$ 160,130.42**
	TOTAL CONTINGENCY AND SUPPLEMENTAL	**$ 239,090.00**

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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
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
9	Remove Man-Made Objects	$ 10,000.00
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
16	Bid Item Overrun/Underrun Final Adjustment	$ 36,441.15
17	**Replace Frost Damaged Plants**	**$ 7,500.00**
	CCO TOTAL	**$ 406,775.54**
	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

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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
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 13th Street Off-Ramp	$ 83,325.00
016	Change to Precast Girders at Redlands Loop	$ 0.00
017	Temporary Fiber Optic	$ 12,605.00

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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
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 9th 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 5th / 215 Southbound on Ramp	$ 0.00
032	Right-of-Way Delay DS #100 2nd Street	$ 10,000.00
033	Modify DS #101 and 102 West of 9th Segment 2	$ 63,758.60
033 -S1	Modify DS #101 and 102 West of 9th Segment 2 - Additional Funds	$ 35,000.00
033 - S2	Modify DS #101 and 102 West of 9th Segment 2 - Additional Funds	$ 52,501.94
033 - S3	Modify DS #101 and 102 West of 9th Segment 2 - Additional Funds	$ 25,000.00
033 - S4	Modify DS #101 and 102 West of 9th 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 16th Street	$ 152,770.00
042 - S1	Southbound I-215 Detour North of 16th Street - Additional Funds	$ 50,000.00
042 - S2	Southbound I-215 Detour North of 16th Street - Additional Funds	$ 27,000.00
042 - S3	Southbound I-215 Detour North of 16th Street - Time Deferment	$ 0.00
043	Revise Retaining Wall 242B, Add 242C	$ 112,324.75

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044	Third Street Train Mural	$ 4,925.49
045	Right-of-Way Delay for DS #100 at 3rd 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 16th 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 9th Street	$ 4,200.00
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	3rd Street Bridge Temporary Retaining Wall Structure Backfill	$ 25,000.00
061	Additional Drainage Inlet at 3rd 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	5th 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 4th Through 6th	$ 95,000.00

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069 - S1	Stage Construction 4th Through 6th - Additional Funds	$ 50,000.00
069 - S2	Stage Construction 4th Through 6th - Additional Funds	$ 40,625.22
069 - S3	Stage Construction 4th Through 6th - Time Deferment	$ 0.00
070	Temporary Paving Under 259	$ 145,927.00
071	Repair Fiber Optic Cable at 3rd 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 5th Street	$ 30,394.56
075	Modify DS #115 at 16th 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 6th Street	$ 18,890.32
079	Revised Staging Northbound 2nd Street Off-Ramp - 2nd Lane Addition	$ 25,000.00
079 - S1	Revised Staging Northbound 2nd Street Off-Ramp	$ 3,059.13
080	Delete Electrical and Cable Conduit Blockout and Casings at 9th 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 3rd Street Off-Ramp	$ 1,630,850.00
084 - S1	Restage North End of Project and Temporary Southbound 3rd 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 9th 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 2nd and I Street and 9th 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 2nd Street and Southbound On-Ramp	$ 18,350.00
094	Settlement of NOPC No. 3 - Temporary Power Poles (2nd and 3rd Street)	$ 34,345.28
095	Revised Deck Contours for 5th 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 5th Street Ramps	$ 9,375.31
104	Add CTPB Under Approach Slab Type R at Redlands Loop Widen and Rialto Avenue Widen	$ 88,330.56

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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 5th 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 5th Street and BNSF Rail Road	$ 30,000.00
111 - S1	Contour Grading at 5th Street and BNSF Rail Road - Additional Funds	$ 20,000.00
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 5th Street and S215/5th 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 2nd and 3rd Street Bridges	$ 7,916.33
119	Change to Deck Drain Layout at 5th 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 2nd Street Off-Ramp	$ 30,000.00
124 - S1	Temporary Paving for Northbound 2nd 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

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Amounts shown in parentheses represent a credit to the Agency

Attachment: MVSS CCO Log (1964 : Construction Contract Change Orders MVSS1506)

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 16th Street	$ 17,118.80
130 - S1	Settlement of NOPC No. 29 - Barrier at Trenton	$ 9,000.00
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 3rd 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 2nd 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 9th 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 9th and Baseline Street	$ 228,957.75
154	Revisions to ‘SFR’ and 3rd Street	$ 24,330.00
154 - S1	Modify Signalization of ‘SFR’ and 3rd 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 9th Street	$ 9,250.00
157	16th Street Bent Cap Reinforcement PT Conflict	$ 21,066.00
157 - S1	16th 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

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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 2nd Street UC and 3rd Street UC for Stage 3B	$ (10,000.00)
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 13th Street and H Street Site	$ 45,000.00
170 - S1	Export Soil from Old 13th Street Ramp Off Site	$ 60,000.00
170 - S2	Additional Funds	$ 115,965.86
171	Revise 3rd Street Abutment 2 Footing	$ 10,118.00
171 - S1	Revise 3rd 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 2nd Street Bridge	$ 11,519.59
173 - S1	Additional Soffit Lighting at 2nd 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 3rd Street and ‘3SE’ Line	$ 15,000.00
180 - S1	Drainage Improvements at 3rd Street and ‘3SE’ Line - Additional Funds	$ 10,000.00
180 - S2	Drainage Improvements at 3rd Street and ‘3SE’ Line - Time Deferment	$ 0.00
181	New Sign Panels on Existing Sign Structures at 5th Street OC	$ 15,000.00
181 - S1	New Sign Panels on Existing Sign Structures at 5th 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

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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
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 9th and J Street	$ 15,000.00
196 - S1	Spandrel, Curb and Gutter North Side of 9th and J Street - Time Deferment	$ 0.00
196 - S2	Spandrel, Curb and Gutter North Side of 9th 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 16th 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

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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		$ 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
223	NOPC No. 19 Settlement	$ 175,000.00
	CCO TOTAL	**$ 17,421,489.27**
	TOTAL CONTINGENCY AND SUPPLEMENTAL	**$ 18,871,980.00**

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**
	CCO TOTAL	**$ 272,710.00**
	TOTAL CONTINGENCY AND SUPPLEMENTAL	**$ 2,235,012.00**

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Attachment: MVSS CCO Log (1964 : Construction Contract Change Orders MVSS1506)

San Bernardino Associated Governments

1170 W. 3rd Street, 2nd Fl, San Bernardino, CA 92410
Phone: (909) 884-8276 Fax: (909) 885-4407
Web: www.sanbag.ca.gov

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

Minute Action

AGENDA ITEM: 3

Date: June 11, 2015

Subject:
Election of Committee Chair and Vice Chair

Recommendation:
Conduct elections for members to serve as Chair and Vice Chair of the SANBAG Board of Directors Metro Valley Study Session for terms to end on June 30, 2016.

Background:
Terms for the Chair and Vice Chair of each of the SANBAG policy committees and Metro Valley Study Session expire on June 30, 2015. Election of Chair and Vice Chair for each of the policy committees and Metro Valley Study Session is scheduled to immediately follow the annual election of SANBAG Officers, which occurred at the June Board of Directors meeting.

This item provides for an election to be conducted, which will identify the Chair and Vice Chair of the Study Session to serve until June 30, 2016. A complete listing of SANBAG policy committees, memberships, and chairs is attached to this item for reference.

Financial Impact:
Staff support for this activity is consistent with the adopted budget. There is no additional financial impact on the adopted SANBAG Fiscal Year 2015/2016 budget.

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: June 11, 2015

Witnessed By:

Entity: COG, CTA, CTC

SANBAG Policy Committee Membership

COMMITTEE	PURPOSE	MEMBERSHIP	TERMS
General Policy Committee Membership consists of the following: SANBAG President, Vice President, and Immediate Past President 4 East Valley (3 City, 1 County) 4 West Valley (3 City, 1 County) 4 Mt/Desert (3 City, 1 County) City members shall be SANBAG Board Members elected by caucus of city SANBAG Board Members within the subarea. All Policy Committee and Board Study Session Chairs are included in this policy committee. All City members serving as Board officers, Committee chairs, or Board Study Session Chair, are counted toward their subareas City membership. Supervisors collectively select their representatives. The SANBAG Vice President shall serve as Chair of the General Policy Committee.	Makes recommendations to Board of Directors and: (1) Provides general policy oversight which spans the multiple program responsibilities of the organization and maintains the comprehensive organization integrity; (2) Provides policy direction with respect to administrative issues, policies, budget, finance, audit, and personnel issues for the organization; (3) Serves as policy review committee for any program area that lacks active policy committee oversight. Committee has authority to approve contracts in excess of $25,000 with notification to the Board of Directors.	Ryan McEachron, Victorville, Vice President (Chair) L. Dennis Michael, Rancho Cucamonga, President (Vice Chair) Bill Jahn, Big Bear Lake, Past President <u>West Valley</u> L. Dennis Michael, Rancho Cucamonga Paul Eaton, Montclair (Chair – CRTC) Michael Tahan, Fontana (Chair – MVSS) Janice Rutherford, Supervisor <u>East Valley</u> Larry McCallon, Highland Dick Riddell, Yucaipa Rhodes "Dusty" Rigsby, Loma Linda James Ramos, Supervisor <u>Mountain/Desert</u> Bill Jahn, Big Bear Lake Joel Klink, Twentynine Palms Robert Lovingood, Supervisor Ryan McEachron, Victorville, Vice President (Chair - MDC)	6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015 6/30/2015
Commuter Rail & Transit Committee Membership consists of 11 SANBAG Board Members: 9 Valley-members, two being Southern California Regional Rail Authority (SCRRA) primary (*) and two being SCRRA alternate (**) members. 2 Mountain/Desert Board Members who serve on the Board of a Mountain/Desert transit agency. SCRRA members and alternates serve concurrent with their term on the SCRRA Board of Directors as appointed by the SANBAG Board. Other members are appointed by the SANBAG President for 2-year terms.	Provides policy guidance and recommendations to the SANBAG Board of Directors and Southern California Regional Rail Authority (SCRRA) delegates with respect to commuter rail and transit service. * SCRRA Primary Member ** SCRRA Alternate Member	Paul Eaton, Montclair* (Chair) James Ramos, Supervisor**(Vice Chair) Jon Harrison, Redlands Bill Jahn, Big Bear Lake Mike Leonard, Hesperia Larry McCallon, Highland* L. Dennis Michael, Rancho Cucamonga Deborah Robertson, Rialto Ray Musser, Upland Dick Riddell, Yucaipa Alan Wapner, Ontario**	Indeterminate (6/30/2015 Indeterminate (6/30/2015 12/31/2016 12/31/2015 12/31/2015 Indeterminate 12/31/2015 12/31/2016 12/31/2015 12/31/2016 Indeterminate

SANBAG Policy Committee Membership

COMMITTEE	PURPOSE	MEMBERSHIP	TERMS
Mountain/Desert Committee Membership consists of 12 SANBAG Board Members from each Mountain/Desert jurisdiction and County Supervisors representing the First, Second, and Third Districts.	Provides ongoing policy level oversight related to the full array of SANBAG responsibilities as they pertain specifically to the Mountain/Desert subregion. The Committee also meets as the Mountain/Desert Measure I Committee as it carries out responsibilities for Measure I Mountain/Desert Expenditure Plan.	Ryan McEachron, Victorville (Chair) Robert Lovingood, Supervisor (Vice Chair) Curt Emick, Apple Valley George Huntington, Yucca Valley Bill Jahn, Big Bear Lake Rich Kerr, Adelanto Joel Klink, Twentynine Palms Mike Leonard, Hesperia Julie McIntyre, Barstow Edward Paget, Needles James Ramos, Supervisor Janice Rutherford, Supervisor	Indeterminate (6/30/2015 Indeterminate (6/30/2015 Indeterminate Indeterminate Indeterminate Indeterminate Indeterminate Indeterminate Indeterminate Indeterminate Indeterminate Indeterminate

Policy Committee Meeting Times

General Policy Committee	Second Wednesday, 9:00 a.m., SANBAG Office
Commuter Rail & Transit Committee	Second Thursday, 9:00 a.m., SANBAG Office
Mountain/Desert Committee	Third Friday, 9:30 a.m., Apple Valley

NOTE: Policy Committee meetings will not be held in July of each year (effective 9/5/12).

Board of Directors Study Sessions for Metro Valley Issues

STUDY SESSION	PURPOSE	MEMBERSHIP	TERMS
Board of Directors Study Sessions for Metro Valley Issues Refer to SANBAG Policy 10007.	To review, discuss, and make recommendations for actions to be taken at regular meetings of the Board on issues relating to Measure I Projects in the Valley.	Board of Directors Michael Tahan, Fontana (Chair) Ray Musser, Upland (Vice Chair)	 6/30/2015 6/30/2015

Meeting Time: Second Thursday, 10:00 a.m., SANBAG Office

Independent Taxpayer Oversight Committee (ITOC) Review of Measure I Expenditure Plan

COMMITTEE	PURPOSE	MEMBERSHIP	TERMS
Independent Taxpayer Oversight Committee (ITOC) Review of Measure I Expenditure Plan The ITOC shall provide citizen review to ensure that all Measure I funds are spent by the San Bernardino County Transportation Authority (hereby referred to as the Authority) in accordance with provision of the Expenditure Plan and Ordinance No. 04-01.	The ITOC shall review the annual audits of the Authority; report findings based on the audits to the Authority; and recommend any additional audits for consideration which the ITOC believes may improve the financial operation and integrity of program implementation. The Authority shall hold a publicly noticed meeting, which may or may not be included on the agenda of a regularly scheduled Board meeting, with the participation of the ITOC to consider the findings and recommendations of the audits.	Richard Haller Rod Johnson Norman Orfall Craig Scott Vacant Ray Wolfe, Ex-Officio In addition to the appointed members, the SANBAG Executive Director will serve as an ex officio member.	12/31/16 12/31/16 12/31/18 12/31/18 12/31/18

SANBAG Ad Hoc Committees

COMMITTEE	PURPOSE	MEMBERSHIP
Audit Subcommittee of the General Policy Committee In November 2008, the Board approved the creation of an Audit Subcommittee of the General Policy Committee to strengthen the financial oversight function of the Board. Additional SANBAG Board Members may be appointed annually at the discretion of the Board President.	The responsibilities of the Audit Subcommittee shall be to: • Provide a direct contact between the independent auditor and the Board of Directors before, during and after the annual audit. • Work with the auditor and SANBAG staff on reviewing and implementing practices and controls identified in the annual audit.	Audit Subcommittee (for FY 2013/2014 Audit) - SANBAG President – L. Dennis Michael, Rancho Cucamonga - Vice President – Ryan McEachron, Victorville - Immediate Past President – Bill Jahn, Big Bear Lake - Presidential Appointment – Walt Stanckiewitz, Grand Terrace
Ad Hoc Committee on Litigation with San Bernardino County Flood Control District In January 2007, the SANBAG President was authorized to appoint an ad hoc review committee of SANBAG Board Members who do not represent local jurisdictions party to the San Bernardino County Flood Control District vs. SANBAG litigation relative to the Colonies Development. In April 2008, the role of this committee was expanded to include the Cactus Basin litigation.	Review and provide guidance on litigation with San Bernardino County Flood Control District regarding the Colonies Development and the Cactus Basin in Rialto.	Larry McCallon, Highland Dick Riddell, Yucaipa
Budget Process In July 2012, the SANBAG Board President appointed this ad hoc committee to review SANBAG's budget preparation process and final budget document and make recommendations to help improve communication and transparency of SANBAG's budget to elected officials and the general public.	Review SANBAG's budget adoption process and final budget document and make recommendations on changes to improve the process and the final budget document to make them more useful and informative to Board Members and the public.	Ray Musser, Upland – Chair Mike Podegracz, P.E. – City Manager, City of Hesperia Sam Racadio – Council Member, City of Highland Kevin Ryan - Principal Transportation Planner, City of Fontana
I-10 and I-15 Corridor Joint Sub-Committee In January 2015, the Board approved the change status of Express Lanes Ad Hoc Committee to the creation of the I-10 and I-15 Corridor Joint Sub-Committee of the Board of Directors Metro Valley Study Session and the Mountain/Desert Policy Committee (I-10 and I-15 Joint Sub-Committee). Members of the committee will be members of the SANBAG Board of Directors and will be appointed by the SANBAG Board President. The President will appoint the Chair and Vice-Chair of the Sub-Committee. The Sub-Committee will include a minimum of nine and a maximum of fourteen SANBAG Board members. Membership will be composed of a minimum of three representatives from the East Valley; and a minimum of two representatives from the Victor Valley. The Sub-Committee will meet as necessary immediately following the Metro Valley Study Session.	The purpose is to consider and make recommendations to the Board of Directors on the development of express lanes in San Bernardino County, in particular on the I-10 and I-15 Corridors.	Alan Wapner, Ontario – Chair Ryan McEachron, Victorville – Vice Chair Josie Gonzales, Supervisor Mike Leonard, Hesperia Robert Lovingood, Supervisor Larry McCallon, Highland L. Dennis Michael, Rancho Cucamonga Frank Navarro, Colton Dusty Rigsby, Loma Linda Deborah Robertson, Rialto Janice Rutherford, Supervisor Michael Tahan, Fontana

SANBAG Ad Hoc Committees

COMMITTEE	PURPOSE	MEMBERSHIP
Legislative In March 2013, the SANBAG Board President appointed this ad hoc committee. This committee will consist of the SANBAG Board Officers.	Review proposed legislation at the state and federal level. Provide direction to staff on positions consistent with the Board-adopted legislative platform.	President – L. Dennis Michael, Rancho Cucamonga Vice President – Ryan McEachron, Victorville Immediate Past President – Bill Jahn, City of Big Bear Lake
Transit Review Ad Hoc Committee In July 2013, the SANBAG Board President appointed this ad hoc committee.	Review transit agency efficiencies and maximize transit funding.	Janice Rutherford, Supervisor – Chair Jim Harris, Twentynine Palms Robert Lovingood, Supervisor Ryan McEachron, Victorville L. Dennis Michael, Rancho Cucamonga Dusty Rigsby, Loma Linda Alan Wapner, Ontario

SANBAG Technical Advisory Committees

COMMITTEE	PURPOSE	MEETING SCHEDULE
Transportation Technical Advisory Committee (TTAC) Committee membership consists of a primary staff representative of each SANBAG member agency designated by the City Manager or County Administrative Officer.	SANBAG's Transportation Technical Advisory Committee was formed by SANBAG management to provide input to SANBAG staff on technical transportation-related matters and formulation of transportation-related policy recommendations to the SANBAG Board of Directors. The TTAC is not a Brown Act committee.	Generally meets on the first Monday of each month at 1:30 PM, at SANBAG.
City/County Manager's Technical Advisory Committee (CCM TAC) The committee is made up of up to two representatives of the County Administrator's Office and the city manager or administrator from each city and town in the County.	SANBAG's City/County Manager's Technical Advisory Committee was established in the Joint Powers Authority that established SANBAG. The primary role of the committee is to provide a forum for the chief executives of SANBAG's member agencies to become informed about and discuss issues facing SANBAG. It also provides a forum for the discussion of items of mutual concern and a way to cooperate regionally in addressing those concerns. The CCM TAC is a Brown Act Committee.	Meets on the first Thursday of each month at 10:0 AM, at SANBAG.
Public and Specialized Transportation Advisory and Coordinating Council (PASTACC) Membership consists of 13 members appointed by the SANBAG Board of Directors 6 representing Public Transit Providers 1 representing County Dept. of Public Works 1 representing the Consolidated Transportation Services Agency 5 representing Social Service Providers	Subject to the Transportation Development Act (TDA) Section 99238 – establishes PASTACC's statutory responsibilities: (1) Review and make recommendations to SANBAG on annual Unmet Transit Needs, Federal Transit Administration and Measure I Program applications and reports. (2) Assist SANBAG in developing public outreach approach on updating the Coordinated Public Transit/Human Services Transportation Plan and disseminate information in reference to State law and recommendations as they relate to transit and specialized transit. (3) Monitor and make recommendations on Federal regulatory processes as they relate to transit and specialized transit. (4) Address any special issues of PASTACC voting and non-voting members. The PASTACC is a Brown Act committee.	Meets the second Tuesday every other even mont at 10:00 AM, at SANBAG.
Planning and Development Technical Forum (PDTF) Committee membership consists of a primary staff representative of each SANBAG member agency designated by the City Manager or County Chief Executive Officer.	The SANBAG Planning and Development Technical Forum was formed by SANBAG management to provide an opportunity for interaction among planning and development representatives of member agencies on planning issues of multijurisdictional importance. The PDTF is not a Brown Act Committee.	Meets the 4th Wednesday of each month at 2:00 p.m. at the Depot (in the SCAG Office).

SANBAG Technical Advisory Committees

COMMITTEE	PURPOSE	MEETING SCHEDULE
Project Development Teams	Project Development Teams (PDTs) are assembled for all major project development activities by SANBAG staff. Teams are generally composed of technical representatives from SANBAG, member jurisdictions appropriate to the project, Caltrans, and other major stakeholder entities that have significant involvement in the project. PDTs make recommendations related to approaches to project development, evaluation of alternatives, and technical solutions. PDTs meet on a regular basis throughout the project phase to review progress and to provide technical input required for project development. The PDTs are not Brown Act Committees.	Varies with the PDT, at SANBAG.

San Bernardino Associated Governments

1170 W. 3rd Street, 2nd Fl, San Bernardino, CA 92410
Phone: (909) 884-8276 Fax: (909) 885-4407
Web: www.sanbag.ca.gov

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

Minute Action

AGENDA ITEM: 4

Date: June 11, 2015

Subject:
Grade Separation Program Update

Recommendation:
Receive a presentation on the Grade Separation Program.

Background:
Significant work has been done through the design and construction of a number of grade separation projects throughout the County over the last few years. This work has been done through the Measure I Grade Separation program in conjunction with the Traffic Congestion Relief Program (TCRP) and the Trade Corridors Improvement Fund (TCIF) programs.

Staff would like to provide an overview of the program and highlight the work which has been done to improve safety, reduce traffic delays, and improve air quality and goods movement throughout the County.

Financial Impact:
No financial impact, information only.

Reviewed By:
This item is also scheduled for review by the Mountain/Desert Policy Committee on June 19, 2015.

Responsible Staff:
Garry Cohoe, Director of Project Delivery

Approved
Board of Directors Metro Valley Study Session
Date: June 11, 2015

Witnessed By:

Entity: CTA

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Minute Action

AGENDA ITEM: 5

Date: June 11, 2015

Subject:
Major Projects Status Briefing for the Period through March 2015

Recommendation:
Receive the Major Projects Status Briefing for the period through March 2015.

Background:
The Major Projects Status Briefing for the period through March, 2015 is a high-level summary of relevant project information. SANBAG staff would like to highlight the following projects for this period:

1. I-10 Cherry Avenue Interchange Complete for Beneficial Use: This interchange reconstruction in the City of Fontana replaces the five lane bridge over I-10 with a new eight lane overcrossing. The new bridge was open to traffic on January 17, 2015. A new bridge over the UPRR tracks and eight retaining walls were also part of the project. Cherry Avenue is being widened from Valley Boulevard to Slover Avenue. Following completion of final project work, there will be a one year plant establishment period.

2. I-15 Ranchero Road Interchange Complete for Beneficial Use: This new interchange in the City of Hesperia opened to traffic on February 20, 2015. The project includes a new eight lane bridge over I-15 and new on and off ramps in each direction. While this project sustained fire damage in May, 2014, it still opened to traffic within four months of the original schedule. The final retaining wall and sidewalk work is currently being completed.

3. SR 60/Central Avenue Interchange Preliminary Engineering and Detail Design Contract Award: At the March Board meeting, a design contract was awarded for the preliminary and detailed design of the SR 60/Central Avenue Interchange. The project will improve the freeway ramps, ramp intersections, and widen the existing bridge to improve freeway access. The project will also provide additional storage for vehicles entering the freeway, improve traffic flow across the SR-60/Central Avenue Bridge, provide standard roadway shoulders, and improve pedestrian and bicycle features.

Financial Impact:
No financial impact, information only.

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: June 11, 2015

Witnessed By:

Entity: CTA

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Minute Action

AGENDA ITEM: 6

Date: June 11, 2015

Subject:
Status of Sale of Surplus Property

Recommendation:
Receive update on status of SANBAG's surplus property from various projects.

Background:
On many projects, new right of way is required for construction of the project. In some cases, it is subsequently determined during the course of the project that for various reasons a portion or all of an acquired parcel is no longer needed. These parcels are then declared as excess property and disposition of these properties is required.

For the I-15/I-215 Devore Interchange project, there are 5 properties that SANBAG declared excess at its June 2014 Board meeting. This project is a design build project and during the course of final design and construction, these properties were declared no longer needed for construction. After SANBAG designated these properties as excess, staff have been working on the disposition of these parcels, following required statutes. One of these requirements is to allow the original property owner for single family dwellings first right of refusal to repurchase the property. On two of these properties, the original owners have expressed an interest in repurchasing the properties. The disposition of all the Devore surplus properties is shown in the table below.

On the I-215 North Corridor projects, Caltrans was the lead agency for right of way. In working with Caltrans, seventeen parcels have been determined to be excess property. These I-215 North properties, per our cooperative agreement with Caltrans, are to be disposed of by Caltrans with the proceeds going to SANBAG. The table below provides an accounting of the status of these properties. Many of these parcels are small sliver remnants of property; however, there are a few which are larger remnant parcels.

Status of Surplus Property Disposition

Project	Caltrans Parcel Number	Type of Parcel	Current Status
I-15/I-215 Devore Interchange	22491	Vacant Land-residential	Held for possible mitigation
	22530	Vacant Land-business	Leased by Contractor for construction yard
	22531	Single Family Residence (SFR)	Sold
	22532	SFR	Negotiating with original property owner
	22544	SFR	Original owner signed agreement to repurchase

Entity: CTC

I-215 North Corridor	17905	Vacant Land-residential sliver	Being appraised
	17909	Vacant Land-residential sliver	Being appraised
	17921	Vacant Land-residential sliver	Being appraised
	17925	Vacant Land-business	Being appraised
	18578	Vacant Land-business	Being appraised
	18774	Vacant Land-residential sliver	Being appraised
	18817	Vacant Land-residential sliver	Being appraised
	18818	Vacant Land-residential sliver	Being appraised
	18838	Vacant Land-residential sliver	Being appraised
	18940	Vacant Land-business	Being appraised
	19177	Vacant Land-business	Being appraised
	19618	Vacant Land-business	Being appraised
	19628	Vacant Land-residential sliver	Sold
	19629	Vacant Land-residential sliver	Being appraised
	19630	Vacant Land-residential sliver	Being appraised
	19798	Improved Land-business (hotel)	Being appraised
	20577	Vacant Land-residential sliver	Being appraised

Financial Impact:
This item is consistent with the FY 2014/2015 and FY 2015/2016 SANBAG budget for tasks 0836 and 0880.

Reviewed By:
This item is also scheduled for review by the Mountain/Desert Policy Committee on June 19, 2015.

Responsible Staff:
Dennis Saylor, Project Manager

Approved
Board of Directors Metro Valley Study Session
Date: June 11, 2015

Witnessed By:

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Minute Action

AGENDA ITEM: 7

Date: June 11, 2015

Subject:
SR-210 Lane Addition and Base Line Interchange Project

Recommendation:
That the following be reviewed and recommended for final approval by the Board of Directors, acting in its capacity as the San Bernardino County Transportation Authority, at a regularly scheduled Board meeting:

A. Approve Amended and Restated Cooperative Agreement No. C13027 with the City of Highland for the delivery of the Planning, Environmental, Design, Right-of-Way, Construction and Landscape Maintenance phases of the State Route 210 (SR-210) Base Line Interchange Project for a total of $21,044,780, consisting of $12,227,018 of Measure I Valley Fund Freeway Interchange Program funds and $8,817,762 of City of Highland funds; and

B. Authorize the release of Request for Proposals (RFP) No. 15-1001231 for the preparation of Plans, Specifications and Estimate (PS&E), Right of Way (ROW) Engineering Services and Construction Support Services for the SR-210 Lane Addition and Base Line Interchange Project.

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

C. Approve Amended and Restated Cooperative Agreement No. C13027, with the City of Highland for the delivery of the Planning, Environmental, Design, Right-of-Way, Construction and Landscape Maintenance phases of the State Route 210 (SR-210) Base Line Interchange Project for a total of $21,044,780 which consists of $12,227,018 of Measure I Valley Fund Freeway Interchange Program funds and $8,817,762 of City of Highland funds; and

D. Approve Cooperative Agreement No. 15-1001230 with California Department of Transportation (Caltrans) District 8 for the SR-210 Lane Addition and Base Line Interchange Project for oversight services associated with the design and right-of-way phases.

Background:
Both the SR-210 Lane Addition project and the SR-210 Base Line Interchange project are anticipating the completion of the environmental phase at the conclusion of the year. The purpose of this agenda item is to combine the projects for future phases and to finalize agreements for the next phases of the projects. The SR-210 Lane Addition project proposes to improve SR-210 within the cities of Highland, Redlands, San Bernardino and unincorporated sections of San Bernardino County. The proposed gap closure improvements include the addition of one mixed flow lane in each direction within the median of SR-210 generally between Highland Avenue and San Bernardino Avenue. The SR-210 Lane Addition project is

Entity: CTA, CTC

currently in the Project Approval & Environmental Document (PA&ED) phase with an anticipated approval scheduled at the end of 2015.

The SR-210 Base Line Interchange project is the second highest priority in the Measure I 2010-2040 Freeway Interchange Program and lies within the limits of the SR-210 Lane Addition project. The SR-210 Base Line Interchange project, in the City of Highland, includes widening of the Base Line overcrossing at SR-210 along with additional ramp widening improvements for the northbound on-ramp, northbound off-ramp and southbound on-ramps. The SR-210 Base Line Interchange project is currently in a combined Project Study Report/Project Report (PSR/PR) phase with an anticipated approval scheduled at the end of 2015.

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

Recommendations A & C: This is an Amendment and Restatement to an existing Cooperative Agreement. In February 2013, the Board approved Memorandum of Understanding No. C13070 with the City of Highland for the SR-210 Base Line Interchange Project development. Concurrently, Cooperative Agreement No. C13027 with the City of Highland was approved by the Board in February 2013 for the planning phase and was subsequently amended by the Board in September 2013 to combine the planning and environmental documents into a single phase.

The existing Cooperative Agreement with the City of Highland needs to be amended and restated to increase funds and include the Design, Right of Way, Construction, and Landscape Maintenance phases necessary to advance the project. The project will be funded with Measure I Valley Fund Interchange Freeway Program Funds (Public Share) and City of Highland funds (Local Share) as shown in TABLE 1.

TABLE 1

SR-210 Base Line Interchange Funding Summary			
Phase	Total	Public Share (Measure I)	Local Share (City of Highland)
PSR/PR & ED (planning and environmental)	$1,252,982	$727,983	$524,999
PS&E (Design)	$1,507,500	$875,858	$631,642
Right-of-Way and Utility Relocation	$3,000,000	$1,743,000	$1,257,000
Construction and Construction Management	$14,230,000	$8,267,630	$5,962,370
Landscape Maintenance	$600,000	$348,600	$251,400
Project Management	$454,298	$263,947	$190,351
Total	$21,044,780	$12,227,018	$8,817,762

The proposed funding is based on an engineer's estimate of probable costs and is consistent with escalation rates applied to the funding in the 2013 Memorandum of Understanding with the City of Highland. The City of Highland is in agreement with the proposed funding.

Recommendation B: The next step in the development of the SR-210 Lane Addition & Base Line Interchange Project is the release of RFP No. 15-1001231 for the PS&E, ROW Engineering

and Construction Support Services. The attached Scope of Work for RFP No. 15-1001231 is prepared for issuance upon Board approval.

ROW certification services will be provided by one of SANBAG's three On-Call ROW consultants. The services will be competitively bid and awarded to the firm who best responds to the scope of work. Services include acquisition and utility relocation activities, demolition, property management, hazardous materials testing activities if necessary, and support of eminent domain activities if necessary.

Recommendation D: This is a new Cooperative Agreement. In March 2012 the Board approved Cooperative Agreement No. C12148 with Caltrans for the Project Approval & Environmental Document phase for the SR-210 Lane Addition Project. In September 2013, the Board approved Cooperative Agreement No. C13114 with Caltrans for oversight services associated with the Project Study Report-Project Report phase for the SR-210 Base Line Interchange Project.

To advance the project, a new Cooperative Agreement with Caltrans for the PS&E and ROW phase for the combined SR-210 Lane Addition & Base Line Interchange Project is required.

Staff is recommending Board approval of the amendment and restatement of Cooperative Agreement No. C13027 with the City of Highland for the delivery of the Planning, Environmental, Design, Right-of-Way, Construction and Landscape Maintenance phases of the SR-210 Base Line Interchange Project; approval of Cooperative Agreement No. 15-1001230 with Caltrans District 8 for the SR-210 Lane Addition and Base Line Interchange Project for oversight services associated with the design and right-of-way phases; and authorization for the release of RFP No. 15-1001231 for the preparation of PS&E, ROW Engineering Services and Construction Support Services for the SR-210 Lane Addition and Base Line Interchange Project.

Financial Impact:
This item is consistent with the approved SANBAG Fiscal Year 2015/2016 budget under Task Nos. 0803 and 0887. The funding source is Measure I Valley Freeway Interchange Bond Fund and Local Funds.

Reviewed By:
This item is not scheduled for review by any other policy committee or technical advisory committee. SANBAG General Counsel and Procurement Manager have reviewed this item, drafts of the agreements, and the RFP scope of work.

Responsible Staff:
Brian Smith, Project Manager

Approved
Board of Directors Metro Valley Study Session
Date: June 11, 2015

Witnessed By:

Contract Summary Sheet

General Contract Information

Contract No: C13027 Amendment No.: AR1 Vendor No.: 01011

Vendor/Customer Name: City of Highland Sole Source? [ ] Yes [x] No

Description: SR210 Base Line Interchange Cooperative Agreement

Start Date: 02/06/2013 Expiration Date: 12/31/2016 Revised Expiration Date: 12/31/2022

Has Contract Term Been Amended? [ ] No [X] Yes - Please Explain Add Phases and Exp Date

List Any Related Contracts Nos.:

Dollar Amount			
Original Contract	$ 434,620.00	Original Contingency	
Revised Contract (Inclusive of Prior Amendments)	$ 564,510.00	Revised Contingency (Inclusive of Prior Amendments)	
Current Amendment	$ 8,253,252.00	Contingency Amendment	
TOTAL CONTRACT VALUE	$ 8,817,762.00	TOTAL CONTINGENCY VALUE	
		TOTAL DOLLAR AUTHORITY (Contract Value and Contingency)	$ 8,817,762.00

Contract Authorization

[ ] Executive Director Date:

Executive Director Action:

[x] Board of Directors Date: 07/01/2015

Board of Directors Action: Approve amended and restated C13027

[ ] Contract Management: Payable/Miscellaneous

Invoice Warning: 20% Renewals: Type: [ ] Capital [ ] PAA [ ] Other

[ ] Retention: % Maximum Retention: $ -

Services: [ ] Construction [ ] Intrgrnt/MOU/COOP [ ] A & E Services [ ] Other Professional Services

[ ] Disadvantaged Business Enterprise (DBE) Goal %

[X] Contract Management: Receivable

[ ] E-76 and/or CTC Date (Attach Copy) [ ] Program Supplement No.:

[ ] Finance Letter [ ] Reversion Date: [ ] EA No.:

All of the above MUST be submitted to FINANCE including originals, amendments and miscellaneous transaction changes

Additional Information

Project Manager:

Attachment: C13027-AR1 CSS [Revision 2] (1677 : SR 210 Lane Addition Approve release RFP for Design)

AMENDED AND RESTATED

COOPERATIVE AGREEMENT NO. C13027 (C1302702)

BETWEEN

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY AND SAN BERNARDINO COUNTY TRANSPORTATION COMMISSION

AND

CITY OF HIGHLAND

FOR
PREPARATION OF THE COMBINED PROJECT STUDY REPORT/PROJECT REPORT AND ENVIRONMENTAL DOCUMENT, PLANS, SPECIFICATIONS AND ESTIMATE (PS&E), RIGHT-OF-WAY (ROW), CONSTRUCTION, AND LANDSCAPE MAINTENANCE PHASES FOR THE INTERCHANGE AT BASE LINE AND STATE ROUTE 210 IN THE CITY OF HIGHLAND

THIS AMENDED and RESTATED COOPERATIVE AGREEMENT ("Agreement") is made and entered into by and between the San Bernardino County Transportation Authority and San Bernardino County Transportation Commission (hereinafter collectively referred to as "SANBAG") and the City of HIGHLAND ("CITY'), (SANBAG and CITY may be referred to herein as a "Party" and collectively "Parties").

WHEREAS, CITY intends to improve the interchange on State Route 210 (SR 210) at Base Line, in the City of Highland ("PROJECT"); and

WHEREAS, the Parties consider PROJECT to be high priority and are willing to participate in funding the PROJECT pursuant to the provisions of Measure I 2010-2040 Expenditure Plan and SANBAG Nexus Study (Nexus Study) prepared by the San Bernardino Associated Governments (SANBAG), and approved by the SANBAG Board of Directors on November 6, 2013; and

WHEREAS, the PROJECT cost for the Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance phases is estimated at $21,044,780 which shall be funded with 41.9% Development Fair Share funds and 58.1% Public Share funds, as defined by the Nexus Study and the SANBAG Measure I 2010-2014 Strategic Plan; and

WHEREAS, AGREEMENT C13027 dated February 6, 2013, provides for SANBAG to be the lead agency in preparation of the Project Initiation Documents for a Project on SR-210 to improve the interchange at Base Line in the City of Highland; and

Attachment: C13027-AR1 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

WHEREAS, AMENDMENT NO. 1 TO AGREEMENT C13027 dated August 27, 2013, modified the scope to include a combined Project Study Report-Project Report (PSR-PR) in lieu of a Project Approval and Environmental Document (PA&ED); and

WHEREAS, SANBAG is the lead agency for all phases of a project on SR-210 to add one mixed flow lane in each direction between Highland Avenue in the City of San Bernardino and San Bernardino Avenue in the City of Redlands ("SR-210 LANE ADDITION"); and

WHEREAS, PROJECT is geographically located within the boundaries of the SR-210 LANE ADDITION; and

WHEREAS, constructing the PROJECT concurrently with SR-210 LANE ADDITION provides viable opportunities to save money and to reduce inconvenience to the public during construction; and

WHEREAS, the CITY desires SANBAG to provide project management services for the Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance phases in conjuction with the SR-210 LANE ADDITION Project; and

WHEREAS, the Parties wish to further amend and restate thes Agreement to delineate roles, responsibilities, and funding commitments relative to the Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance activities of the PROJECT.

NOW, THEREFORE, in consideration of the foregoing recitals and the mutual promises herein, the Parties agree as follows:

I. SANBAG RESPONSIBILITIES

SANBAG agrees:

A. To be lead agency on Project Management and to diligently undertake and complete the Planning, Enviromental, PS&E, ROW, Construction, and Landscape Maintenance work on PROJECT, including the selection and retention of consultants. Performance of services under these consultant contracts shall be subject to the technical direction of SANBAG's Director of Project Delivery, or his designee, with input and consultation from CITY.

B. To provide all necessary ROW services to acquire right of way for PROJECT through negotiated purchases of property, or if necessary, through Eminent Domain. Voluntary acquisitions will be acquired in the name of the jurisdiction in which the property lies as depicted on right-of-way mapping.

C. To coordinate with Caltrans for first and second level reviews related to property acquisitions, if necessary, and to provide all support documents necessary for Hearings of Resolutions of Necessity to be conducted before the California Transportation Commission or the San Bernardino County Transportation Commission in the event voluntary acquisition is unlikely.

Attachment: C13027-AR1 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

D. To contribute towards the Project Management, Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance phases of the PROJECT cost an amount not to exceed $12,227,018 as shown in Attachment AR-01. The actual cost of a specific phase may ultimately vary from the estimates provided in Attachment AR-01, however, under no circumstances is the total combined SANBAG contribution to exceed $12,227,018 without an amendment to this agreement.

E. To prepare and submit to CITY an original and two copies of signed invoices for reimbursement of eligible PROJECT expenses. Invoices may be submitted to CITY as frequently as monthly.

F. To establish and maintain an accounting system conforming to Generally Accepted Accounting Principles (GAAP) to support SANBAG's request for reimbursement, payment vouchers, or invoices which segregate and accumulate costs of PROJECT Management, Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance work elements and produce monthly reports which clearly identify reimbursable costs, matching fund costs, indirect cost allocation, and other allowable expenditures by SANBAG.

G. To prepare a final accounting of expenditures, including a final invoice for the actual PROJECT Management, Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance. The final accounting and invoice shall be submitted no later than one hundred and twenty (120) calendar days following the completion of work and shall be submitted to CITY. The invoice shall include a statement that these PROJECT funds were used in conformance with this Agreement and for those PROJECT-specific Management, Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance work activities.

H. To cooperate in having a PROJECT-specific audit completed by CITY, at its option, upon completion of the PROJECT Management, Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance work. The audit should justify and validate that all funds expended on the PROJECT were used in conformance with this Agreement.

I. To reimburse CITY for costs that are determined by subsequent audit to be unallowable within ninety (90) calendar days of SANBAG receiving notice of audit findings, which time shall include an opportunity for SANBAG to respond to and/or resolve the finding. Should the finding not be otherwise resolved and SANBAG fails to reimburse monies due CITY within ninety (90) calendar days of audit finding, or within such other period as may be agreed between both Parties hereto, the Cities' Council reserves the right to withhold future payments due SANBAG from any source under CITY'S control.

J. To include CITY in Project Development Team (PDT) meetings and related communications on PROJECT progress as well as to provide CITY with copies of PDT meeting minutes and action items.

Attachment: C13027-AR1 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

K. To provide CITY an opportunity to review and comment on the Planning, Environmental, PS&E, ROW, Construction, and Landscape Maintenance documents.

II. CITY RESPONSIBILITIES

CITY agrees:

A. To reimburse SANBAG for the actual costs incurred estimated at $8,817,762 towards the PROJECT Management, Planning, Environmental, PS&E, ROW, Construction and Landscape Maintenance phases of the PROJECT as shown in Attachment AR-01. The actual cost of a specific phase may ultimately vary from the estimates provided in Attachment AR-01, however, under no circumstances is the total combined CITY contribution to exceed $8,817,762 without an amendment to this agreement.

B. To reimburse SANBAG within 30 days after SANBAG submits an original and two copies of the signed invoices in the proper form covering those actual allowable PROJECT expenditures and SANBAG management that were incurred by SANBAG. Invoices may be submitted to CITY as frequently as monthly.

C. When conducting an audit of the costs claimed under the provisions of this Agreement, to rely to the maximum extent possible on any prior audit of SANBAG performed pursuant to the provisions of State and Federal laws. In the absence of such an audit, work of other auditors will be relied upon to the extent that work is acceptable to CITY when planning on conducting additional audits.

D. To designate a responsible staff member that will be CITY's representative in attending the PDT meetings, receiving day-to-day communication and reviewing the project documents.

E. To complete review and provide comments on the Planning, Environmental, PS&E, ROW, Construction and Landscape Maintenance documents within two weeks of receiving the review request from SANBAG.

F. To provide permits, inspections, reviews, and oversight at no cost to SANBAG or to consultants and contractors contracted by SANBAG for the work of this PROJECT.

G. CITY's Director of the Department of Public Works is authorized to act on behalf of CITY under this Section of the Agreement.

III. MUTUAL RESPONSIBILITIES

The Parties agree:

A. To abide by all applicable Federal, State and Local laws and regulations pertaining to the PROJECT, including policies in the applicable program in the Measure I 2010-2040 Strategic Plan, as amended, as of the Effective Date of this Agreement.

Attachment: C13027-AR1 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

B. In the event SANBAG determines PROJECT Management, Planning, PS&E, ROW, Construction, and Landscape Maintenance work may exceed the total amount identified in Attachment AR-01 of this Agreement, SANBAG shall inform CITY of this determination and thereafter the Parties shall work together in an attempt to agree upon an amendment to the amounts identified this Agreement. In no event, however, shall any of the Parties be responsible for PROJECT costs in excess of the total amount identified in this Agreement absent a written amendment that is approved by all Parties.

C. Eligible PROJECT reimbursements shall include only those costs incurred by SANBAG for PROJECT-specific work activities that are described in this Agreement and shall not include escalation or interest.

D. In the event that federal funds are used in any phase of work, the PARTIES acknowledge Federal Highway Administration (FHWA) requires that the PROJECT must progress to a capital phase (ROW or construction) within ten years or the federal funds may be required to be repaid to FHWA. Should repayment be required, and is a result of the PROJECT not progressing by choice, it shall be the responsibility of the PARTY that determines it is unable to move forward with the PROJECT. If it is mutually decided that the PROJECT will not move forward then repayment of any federal funds used for Public Share will be the responsibility of the SANBAG and any federal funds used for the Local Share will be the responsibility of the CITY.

E. Neither SANBAG nor any officer, director, employee or agent thereof is responsible for any injury, damage or liability occurring or arising by reason of anything done or omitted to be done by CITY under or in connection with any work, authority or jurisdiction delegated to CITY under this Agreement. It is understood and agreed that, pursuant to Government Code Section 895.4, CITY shall fully defend, indemnify and save harmless SANBAG, its officers, directors, employees or agents from all claims, suits or actions of every name, kind and description brought for or on account of injury (as defined by Government Code Section 810.8) occurring by reason of anything done or omitted to be done by CITY under or in connection with any work, authority or jurisdiction delegated to CITY under this Agreement.

F. Neither CITY nor any officer, director, employee or agent thereof is responsible for any injury, damage or liability occurring or arising by reason of anything done or omitted to be done by SANBAG and under or in connection with any work, authority or jurisdiction delegated to SANBAG under this Agreement. It is understood and agreed that, pursuant to Government Code Section 895.4, SANBAG shall fully defend, indemnify and save harmless CITY, its officers, directors, employees or agents from all claims, suits or actions of every name, kind and description brought for or on account of injury (as defined by Government Code Section 810.8) occurring by reason of anything done or omitted to be done by SANBAG under or in connection with any work, authority or jurisdiction delegated to SANBAG under this Agreement.

G. This Agreement will be considered terminated upon completion of the SANBAG's management of the planning, environmental, design, right of way (to include both ROW acquisition and utility relocation work), construction, landscape maintenance and project

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closeout and reimbursement of eligible costs by CITY or December 31, 2022, whichever is earlier in time, except that the indemnification provisions shall remain in effect until terminated or modified, in writing, by mutual agreement.

H. Should any claims arising out of this Agreement be asserted against one of the Parties, the Parties agree to extend the fixed termination date of this Agreement, until such time as the claims are settled, dismissed or paid.

I. Notwithstanding any other provision herein, to the extent consistent with the terms and obligations hereof, any Party may terminate this Agreement at any time, with or without cause, by giving thirty (30) calendar days written notice to all the other Parties. In the event of a termination, the Party terminating this Agreement shall be liable for any costs or other obligations it may have incurred under the terms of the Agreement prior to termination.

J. The Recitals to this Agreement are true and correct and are incorporated into this Agreement.

K. All signatories hereto warrant that they are duly authorized to execute this Agreement on behalf of said Parties and that by executing this Agreement, the Parties hereto are formally bound to this Agreement.

L. Except on subjects preempted by federal law, this Agreement shall be governed by and construed in accordance with the laws of the State of California. All Parties agree to follow all local, state, county and federal laws and ordinances with respect to performance under this Agreement.

M. The Parties agree that each Party and any authorized representative, designated in writing to the Parties, and upon reasonable notice, shall have the right during normal business hours to examine all Parties' financial books and records with respect to this Agreement. The Parties agree to retain their books and records for a period of five (5) years from the later of; a) the date on which this Agreement terminates; or b) the date on which such book or record was created.

N. If any clause or provisions of this Agreement is fully and finally determined by a court of competent jurisdiction to be illegal, invalid or unenforceable under applicable present or future laws, then it is the intention of the Parties that the illegal, invalid or unenforceable clause or provision shall be deemed severed from this Agreement and the remainder of this Agreement shall not be affected but shall remain in full force and effect.

O. This Agreement cannot be amended or modified in any way except in writing, signed by all Parties hereto.

P. Neither this Agreement, nor any of the Parties' rights, obligations, duties, or authority hereunder may be assigned in whole or in part by either Party without the prior written consent of the other Party in its sole, and absolute, discretion. Any such attempt of assignment shall be deemed void and of no force and effect.

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Q. No waiver of any default shall constitute a waiver of any other default whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.

R. In the event of litigation arising from this Agreement, each Party to this Agreement shall bear its own costs, including attorney(s) fees. This paragraph shall not apply to the costs or attorney(s) fees relative to paragraphs E and F of this Section.

S. This Agreement may be signed in counterparts, each of which shall constitute an original. This Agreement is effective and shall be dated on the date executed by SANBAG.

T. Attachment AR-01 listing the Project Description, Project Funding Table, and Project Schedule is attached to and incorporated into this Agreement.

U. Any notice required, authorized or permitted to be given hereunder or any other communications between the Parties provided for under the terms of this Agreement shall be in writing, unless otherwise provided for herein, and shall be served personally or by reputable courier addressed to the relevant party at the address/fax number stated below:

If to SANBAG: Garry Cohoe
Director of Project Delivery
1170 West Third Street, Second Floor
San Bernardino, CA 92410-1715
Telephone: (909) 884-8276

If to CITY: Ernie Wong
Department of Public Works/City Engineer
27215 Base Line Road
HIGHLAND, CA 92346
Telephone: (909) 864-8732 x 212

IN WITNESS THEREOF, this Amended and Restated Agreement has been executed by the Parties hereto and is effective on the date signed by SANBAG.

SIGNATURES ON FOLLOWING PAGE:

Attachment: C13027-AR1 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

SIGNATURE PAGE TOAMENDED and RESTATED
COOPERATIVE AGREEMENT NO. C1302702
BETWEEN
SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY,
SAN BERNARDINO TRANSPORTATION COMMISSION
and CITY OF HIGHLAND

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY

By:_____
L. Dennis Michael
President, Board of Directors

Date:_____

SAN BERNARDINO COUNTY TRANSPORTATION COMMISSION

By:_____
L. Dennis Michael
President, Board of Directors

Date:_____

APPROVED AS TO FORM

By:_____
Eileen Monaghan Teichert
General Counsel

By:_____
Jeffery Hill
Procurement Manager

CITY OF HIGHLAND

By:_____
Larry McCallon, Mayor
City of Highland

Date:_____

APPROVED AS TO FORM AND PROCEDURE:

By:_____
Craig Steele
CITY Attorney

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Attachment AR-01

PROJECT DESCRIPTION

The CITY of HIGHLAND and SANBAG propose to widen SR 210/Base Line Overcrossing and improve interchange ramps and local streets. It is intended that the Project development will be combined with the State Route 210 Lane Addition Project having SANBAG serve as the lead for all phases of the work.

PROJECT FUNDING TABLE

Public Share: 58.1%
Nexus Development Impact Fee Share ("DIF", "Development Share" or "Local Share"): 41.9%
Local Jurisdictional Split of the DIF Share: HIGHLAND 100%

PHASE	TOTAL	PUBLIC SHARE	DIF SHARE
PSR/PR & ED	$1,252,982	$727,983	$524,999
PS&E	$1,507,500	$875,858	$631,642
Right-of-Way Acquisition and Utility Relocation[1]	$3,000,000	$1,743,000	$1,257,000
Construction and Construction Management	$14,230,000	$8,267,630	$5,962,370
Landscaping Maintenance	$600,000	$348,600	$251,400
Project Management	$454,298	$263,947	$190,351
Total	$21,044,780	$12,227,018	$8,817,762

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[1]Estimated Costs are based on March 27, 2015, engineer's estimate. Right of way acquisition costs increased by $3M due to local business impacts.

PROJECT SCHEDULE

Milestones	Estimated Completion Date
Environmental Approval	June 2016
Plans, Specifications & Estimate (PSE)	June 2018
Right of Way (ROW)	June 2018
Construction Start	January 2019
Completion for Beneficial Use	January 2021

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ATTACHMENT A - SCOPE OF WORK

15-1001231

San Bernardino Associated Governments, acting as San Bernardino County Transportation Authority ("SANBAG") is seeking professional services for the preparation of plans, studies and reports necessary for development of the Plans, Specifications and Estimate (PS&E) for the State Route 210 (SR-210) Lane Addition and Base Line Interchange Project in San Bernardino County.

The SR-210 Lane Addition and Base Line Interchange Project is the combination of two projects, that proceeded independently during the preliminary engineering and environmental documentation phases of development. Since both projects aligned geographically and shared similar delivery schedules, they have been combined for the PS&E phase.

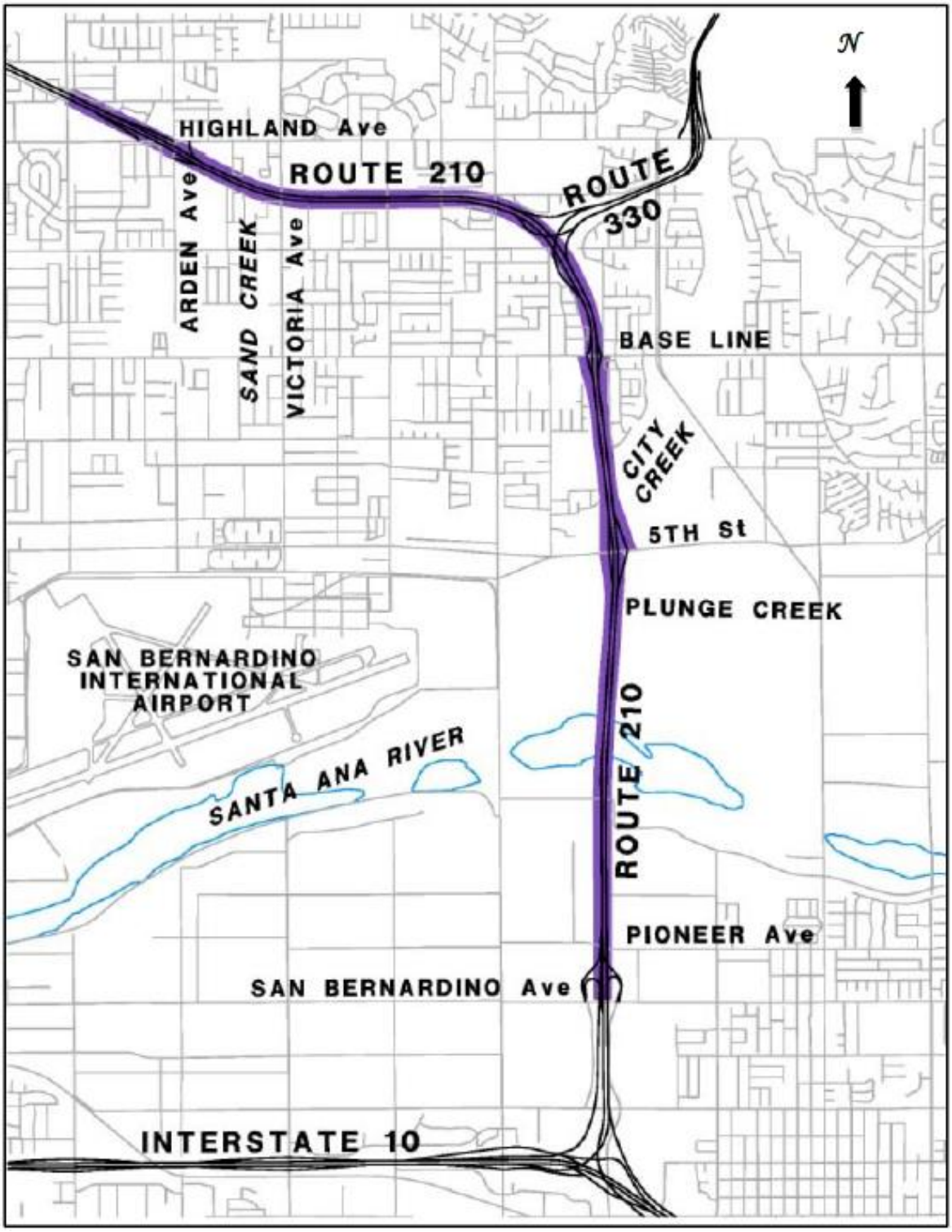
The project proposes to improve SR-210 from post mile (PM) R25.0 to R33.2 within the cities of Highland, Redlands, San Bernardino and unincorporated sections of San Bernardino County. The proposed improvements include the addition of one mixed flow lane in each direction within the median of SR-210 generally between Highland Avenue to San Bernardino Avenue. The total length of the proposed project is approximately 8.2 miles. The proposed improvements would require widening of the Highland Avenue undercrossing, Sand Creek bridge, Victoria Avenue undercrossing, City Creek bridge, 5th Street undercrossing, Plunge Creek bridge, Access Road undercrossing, Santa Ana River bridge and Pioneer Avenue undercrossing. Additional project improvements include creating auxiliary lanes between the Base Line Road and 5th Street interchanges, adding an acceleration lane at the southbound 5th Street on-ramp, and adding a deceleration lane at the eastbound Highland Avenue off-ramp. The proposed improvements would serve as a gap closure to provide a continuous six-lane freeway from Interstate 215 to Interstate 10.

The improvements on the Base Line Interchange, in the City of Highland, include widening of Base Line from Buckeye Street to Seine Avenue, including the Base Line overcrossing at SR-210. Additionally, improvements include ramp widening for the northbound on-ramp, northbound off-ramp and southbound on-ramps.

The Project Location is shown in Figure A.1.

Attachment: 210 Lane Addition & Base Line SOW [Revision 1] (1677 : SR 210 Lane Addition Approve release RFP for Design)

FIGURE A.1 - PROJECT LOCATION



Attachment: 210 Lane Addition & Base Line SOW [Revision 1] (1677 : SR 210 Lane Addition Approve release RFP for Design)

I. APPLICABLE STANDARDS

All documents shall be prepared in accordance with current SANBAG, Caltrans, San Bernardino County (County), City of Highland, City of Redlands, and City of San Bernardino regulations, policies, procedures, manuals, and standards where applicable. Consultant shall obtain, at its expense, all applicable Manuals and Standard Plans.

II. GENERAL DESCRIPTION OF REQUIRED SERVICES

A. Required services listed below do not supersede the requirements established in the Contract.

B. Consultant Services include the studies, reports, drawings, plans, specifications, estimates, and special provisions necessary to complete the PS&E phase and obtain Caltrans approval.

C. The PS&E phase includes ROW engineering, ROW support services, including utility research and coordination, assist in preparation of construction procurement, construction management support services and preparation of the construction as-built package in accordance with Caltrans Requirements. Up to six as-built submittals will be required.

D. Develop and maintain a Project schedule utilizing the Primeravera P6 Project Management, Release 7.0 software. The Project schedule will be presented monthly to the Project Development Team (PDT) meeting and electronic files be provided as requested to SANBAG. A deliverables matrix will accompany the schedule. The deliverables matrix will highlight the status of the documents in the review process.

E. Prepare the necessary Caltrans Fact Sheets for Design Exceptions, in the event that non-standard features are necessary.

F. Employ quality control procedures that identify potential risks and uncertainties related to construction of the Project. Risks that may be encountered include, but are not limited to, soil conditions, constructability, factors of safety, impacts to adjacent properties, public safety, and environmental considerations. If at any time during the performance of this Scope of Services, Consultant observes, encounters, or identifies any circumstance that could pose potential risk, Consultant shall notify SANBAG immediately.

G. It is SANBAG's practice to involve the community in the projects. Assume preparation and materials to lead 3 Public Informational Meetings.

H. The Task and WBS Structure used for pricing, cost reporting and schedule preparation is the Caltrans Workplan Standards Guide for Delivery of Capital Projects will be used. Project Management will be performed in accordance to the Caltrans' Workplan Standards Guide for Delivery of Capital Projects.

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I. Project plans and specifications must comply with the Federal Americans with Disabilities Act (ADA) requirements 28 CFR, Part 35 or Part 36, and the *California and Local Building Codes* within the project limits. In accordance with 28 CFR Sec. 35.151, curbs and ramps must meet current ADA standards if the project includes streets that are to be newly constructed or altered (includes repaving). For ADA requirements, see Chapter 11 "Design Standards," and Section 12.7 of this chapter. Complete the Caltrans Certification of Compliance with Americans with Disabilities Act (ADA) Form TR-040.

III. ASSUMPTIONS

A. All project costs associated with the SR-210 Base Line Interchange work will be tracked and reported separately from the work on the SR-210 Lane Addition work.

B. Assume there will be three meetings per month during the duration of this contract, including one mandatory monthly PDT meeting.

C. Assume 20 hard copies and 3 CDs of all major deliverables. Consultant will coordinate with SANBAG and Caltrans prior to distribution of all deliverables to determine the points of contact, number of hardcopies and format of softcopies.

D. Assume one SANBAG peer review and revisions prior to each major deliverable. Assume one local agency review and two Caltrans reviews for each major deliverable and a workshop for comment resolution, if required.

E. Analyze and research the ROW impacts of the proposed Project assessing any temporary and permanent easement and fee impacts. For the SR-210 Lane Addition, assumeup to 20 unique Assessor's Parcel Numbers and up to 20 utility relocations (temporary or permanent). For the SR-210 Base Line, assume up to 12 unique Assessor's Parcel Numbers and up to 15 utility relocations (temporary or permanent). Assume no railroad coordination.

F. Construction Support will include response to Requests for Information and Requests for Clarification, review of shop drawings, attendance at coordination meetings and preparation and production of the construction as-built packages. Assume there will be one meeting per month for the duration of the construction phase.

IV. SUMMARY OF TASKS REQUIRED PER CALTRANS WORK BREAKDOWN STRUCTURE

The following is a summary of anticipated tasks outlined in the Caltrans Work Breakdown Structure (WBS) necessary to complete the PS&E phase and obtain Caltrans approval. This summary is not intended to be all inclusive and work may include tasks listed in the WBS that are not identified in this summary.

Task 100 Project Management

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The services provided include the planning, execution, control and close out of the project. Tasks include:

- Planning of the project.
- Overall project management and supervision of project staff to facilitate the performance of the work.
- Coordination with stakeholders, including city, county, state, and federal regulatory agencies.
- Coordinate with members of the Project Development Team (PDT).
- Tracking progress of the work and distinguishing the interchange and freeway activities and costs.
- Administering subcontracts and directing their work.
- Planning and leading public workshops.
- Preparing progress reports using the WBS described in the Caltrans Workplan Standards Guide for the Delivery of Capital Projects.
- Conducting meetings over the Project Period of Performance.
- Preparation and distribution of agendas prior to the meetings, preparation of meeting minutes and distribution of minutes within five working days after the meetings.
- Organizing the Kick-off Meeting with Caltrans, SANBAG, and Project stakeholders to define the project and project limits, review roles and responsibilities, and determine which deliverables are necessary to meet the Project approval requirements.
- Development and maintenance of the Work Plan and Project Schedules throughout the Project. The Project Schedule will be maintained in a standard format with Work Breakdown Structure (WBS) Elements. The schedule will be prepared using the Critical Path Method. Corrective or remedial actions to recover schedule loss will be included.
- Develop and use a Project Specific Quality Assurance and Quality Control Plan in conformance with Section V.
- Development and use a Project Management Plan.
- Development and use a Risk Management Plan.
- Development and use a Document Control Plan.

Deliverables:

- PDT meeting notices, agendas, handouts, and minutes
- Public meeting notices, presentation materials, handouts and documentation of comments received.
- Presentation materials consisting of agendas, previous meeting minutes, current schedule and deliverables matrix, current plans and action item log.
- Monthly Project Master Schedule delivered one week prior to the PDT meeting.
- Project Master Schedule in electronic format delivered as requested.
- Project specific Project Specific Quality Assurance and Quality Control Plan
- Project Management Plan
- Project specific Risk Management Plan
- Document Control Plan
- Final copy of all major deliverables during close-out

Task 185 Prepare Base Maps and Plan Sheets

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Work during PS&E development involves the preparation of geometric base maps and functional base plan sheets, including review of existing project information, gathering appropriate mapping, conducting additional studies. Final products of this task include preparation of Right of Way maps and plan sheets.

The task includes updating the project information needed to prepare the engineering design reports, perform preliminary design and determine ROW requirements.

Specifically:

- Research, obtain and review copies of existing reports, agreements and studies
- Obtain Record of Survey, benchmark, and centerline tie information
- Field reviews and topographic surveys
- Research, obtain, and review utility maps and plans
- Produce mapping and survey control necessary for the PS&E including
    - Incorporation of Basic (Corridor) Control and adjacent projects
    - Establishing primary control throughout the project
    - Establishing supplemental control for the project
    - Documenting the control survey.

Deliverables:

- Updated project information and confirmation of Purpose and Scope
- Permanent Project Control Monumentation
- Project Control Diagram or Control Record of Survey
- Project Control Report
- Project file containing the following:
    - Topography
    - Right of Way boundaries
    - Structures
    - Utility Locations

Task 205 Obtain Permits, Licenses, Agreements and Certifications (PLACs)

Work involves indentifying, confirmation and acquiring of the required permits, licenses, agreements and certifications required for the project.

Work includes:

- Discussion and negotiations with agencies and jurisdictions
- Preparation of draft PLACs, including any required attachments such as exhibits or maps
- Preparation of the permit applications, including any required attachments such as exhibits or maps
- Acquisition of funds, supplied by SANBAG, for any required permit fees
- Submission of permit applications

Deliverables:

- Updated environmental commitments record
- Receipt of excecuted PLACs from each applicable agency

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Task 230 Prepare Draft PS&E

Work involves the preparation and review of draft roadway plans, specifications, estimates, roadway design and functional PS&Es.

Fact Sheets: Prepare the necessary Caltrans Fact Sheets for Design Exceptions or Supplemental Fact Sheets, in the event that non-standard features are necessary.

Subsurface Exploration: This task includes all efforts required to ready a site for subsurface exploration. Subsurface exploration may require prior acquisition of rights to enter, resource/regulatory agency permits, or other cross-functional compliance efforts.

Engineering Reports: Finalize project design reports needed to establish design parameters and complete design.

Electrical Service Coordination: This task includes all efforts required to coordinate and obtain electrical service agreements with the local electrical service providers. Service agreements may required for signal, lighting, communication and irrigation elements of work.

Deliverables:

- Road and Highway Plans including, but not limited to Title Sheet and Key Maps, Project Control, Typical Sections, Layouts, Profile and Superelevations, Construction Details, Summary of Quantities, Water Pollution Control, Drainage, Utility (existing and proposed), Stage Construction, Traffic Handling, Detour, Pavement Delineation, Sign, Retaining Wall, Sound Wall, Removal, Landscape & Planting, Irrigation, Erosion Control
- Project Specifications
- Quantities Estimate
- Cost Estimate (segregated to show SR-210 Base Line Interchange and SR-210 Lane Addition costs separately)
- Transportation Management Plan
- Engineering Reports
    - Hydrology and Hydraulics Reports
    - Storm Water Data Report
    - Subsurface Exploration Studies
    - Geotechnical Design Report
    - Materials Report
    - Pavement Design Report
- Draft PS&E Submittal Packages
- Electrical Service Agreement

Task 235 Mitigate Environmental Impacts

Work involves site investigation, testing, remediation estimates, coordinating with resource agencies and remediation reporting to supplement the investigations from the preliminary phase and support the design work. Work may or may not require a Phase 1 or Phase 2 Environmental Site Assesment.

Task 240 Draft Structures PS&E

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Work involves the preparation and review of draft structures design reports, plans, specifications and estimates.

Deliverables:

- Draft Structure Plans
- Project Specifications
- Quantities Estimate (segregated to show SR-210 Base Line Interchange and SR-210 Lane Addition costs separately)
- Cost Estimate
- Design Reports
    - Foundation Report
    - Hydraulics Report
- Draft Structures PS&E Submittal Packages

Task 250 Final Structures PS&E Package

The task involves addressing comments on the Draft Structures PS&E and incorporation into the final Structures PS&E package. This task includes all efforts involved in the development of the overall final structures. Activities include, but are not limited to:

- Constructability Review Meeting of draft Structures PS&E package
- Revisions to the Plans, Special Provisions, and Cost Estimates
- Transmittal of final Structures PS&E package to District Office Engineer, DES Office Engineer, or appropriate agencies for an external review
- Other activities related to the development of the final Structures PS&E package.

Deliverables:

- Final Structures PS&E Package
- Resident Engineer Pending File

Task 255 Circulate, Review and Prepare Final District PS&E Package

This activity includes updating of the project's plans, specifications and estimate. Included are coordinating reviews, reaching consensus and incorporation of comments. Task includes:

- Review and update Plans based on a SANBAG Constructability review.
- Review and update Specifications and Estimate
- Review and update Plans
- Review and update Project for Final Permit Needs
- Review and update Aesthetics
- Review and update the Final Traffic Management Plan(TMP)
- Review and update Hydrology and Hydraulic design elements and specifications
- Review and update Geotechnical Design Elements and specifications
- Review and update Pavement design elements and specifications
- Review and update Materials design elements and specifications
- Review and update for Conformity with Environmental Commitments
- Assist in preparation of Construction Contract Procurement

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Deliverables:

- Comment Resolution as requried
- Updated PS&E Package
- Approved Environmental Reevaluation
- Final PS&E Package
- Geotechnical Information Handout
- Materials Information Handout
- Construction Staking Package
- Resident Engineer's Pending File

Task 220 Right of Way Engineering

SANBAG will provide Right of Way Acquisition and Utility Certification Services. This task identifies Right of Way and Utility support services. Services include Right of Way Engineering work in advance of Appraisal and Acquisition activities.

Land Net Survey, Maps and Documents: Search, recover, describe, and tie-in existing controlling land survey monuments, followed by observation adjustment and calculating coordinates. The Land-Net Map depicts the condition of existing property ownership boundaries, lines, and monuments (land net). Effort entails completion of work activities required to analyze, determine, and delineate a single land-net that encompasses the whole project.

Right of Way Maps: Prepare ROW maps that include the certification of the sufficiency of the right of way by designers prior to finalizing the appraisal maps. Includes identifying the need for new right of way, permanent easements, and temporary construction easements. Includes coordination with affected agencies to determine right of way impacts. This includes incorporation of utility right of way needs. Develop utility maps to avoid utility relocation where possible.

Appraisal Maps: calculation and delineation of all new parcels and sub-parcels, using the Land Net Map.

Field Located Right of Way:

- Flagged Right of Way: Provide temporary and approximate marking of the right of way. Used for the purpose of appraisal, acquisition, disposal of land, or utility relocation planning and estimating.
- Staked Right of Way: Provide a permanent and accurate marking of the right of way. Used to provide a durable visible location of a right of way feature and its angle points.

Support SANBAG ROW Efforts to secure deeds, legal descriptions, Resolutions of Necessity, Director's Deeds and Plats, Utility Deeds and Plats.

Existing Utility Mapping: identify utility companies within the project limits, obtain as-built plans and plot existing facilities.

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Support SANBAG Utility Certification Efforts to identify conflicts, coordinate with utility owners, establish liability determination, review and certify relocation plans and coordinate relocation efforts.

Deliverables:

- Land Net Survey, Maps and Documents
- Right of Way Maps
- Utility Location Maps (existing and proposed)
- Pothole Request Map
- Appraisal Maps
- Plats and Legals
- Order Title Reports
- Field Located Right of Way
    - Flagged Right of Way
    - Staked Right of Way
- Support SANBAG ROW efforts
- Support SANBAG Utility Coordination efforts

Task 270 Construction Engineering - Technical Support

Provide Technical Support to the construction engineering staff including design, traffic, hydraulics, materials, structures design, geotechnical services, environmental, landscape and other specialty staff. Functional support may include attendance at pre-work conferences, on-site construction support and RE pending file review.

Task 295 – Accept Contract/Prepare Final Construction Estimate and Final Report
Work involved in the acceptance and final documentation of a construction contract.

Work involved includes coordination with the construction manager and/or Resident Engineer to develop as-built plans in accordance with Caltrans and the City Standards. Work includes the transfer of the red-line As-Built plan mark-ups to the original full size reproducible plan sheets (and CADD file) and forwarding a reproducible set of plans with the transferred As-Built changes to SANBAG, Caltrans and the Cities.

Deliverables:

- Red line construction package
- As-Built construction package
- Electronic and hardcopy submittal for Caltrans and City records

V. PROJECT SPECIFIC QUALITY ASSURANCE AND QUALITY CONTROL PLAN REQUIREMENTS

Quality Assurance (QA) encompasses all of the planned and systematic activities implemented within the quality system that can be demonstrated to provide confidence that a product or service will fulfill requirements for quality. Quality Control (QC) consists of operational techniques and activities used to fulfill requirements for quality. For environmental review process, preliminary engineering and final design, QC includes

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technical checking, review and design verification activities, while the QA activities includes the monitoring, surveillances, auditing and other means of oversight of the QC activities and documentation, to ensure completeness and adherence to the QC procedures.

A project specific quality management plan (herein referred to as a Project QA/QC Plan) shall be developed by the Consultant and submitted to SANBAG for review and approval. The Project QA/QC Plan shall describe how QA and QC will be executed and managed by the Consultant and its subconsultants. In lieu of a Project QA/QC Plan, for small projects at the discretion of the SANBAG Director of Project Delivery, a copy of the Consultant's standard QA and QC procedures that are to be followed by the Consultant team (including subconsultants) for the project, will be submitted to SANBAG for review and approval. The standard QA and QC procedures document and any appended project-specific processes, should address the same requirements listed below for the Project QA/QC Plan.

The following is a list of the minimum content and scope of what the Project QA/QC Plan shall contain. When submitted to SANBAG for review, the Project QA/QC Plan will be reviewed and assessed to ensure that these topic areas are covered and adequately addressed by the plan.

Project Introduction and Scope:

1. Project description
2. Scope of work
3. Quality objectives
4. List of deliverable documents for each milestone submittal

Project Team Qualifications, Organization, Staff, Roles and Responsibilities:

5. A description of the minimum resource requirements for staff competence, skills, experience, and credentials.
6. Organization chart showing project staff and lines of QA and QC authority and communications.
7. List of project staff members, roles and responsibilities, including verification, QC review and technical checking, Project Management, Project QA Management and Technical Lead duties.

Quality Training:

8. Quality training, including a training syllabus, schedule, and methods of tracking the staff that have been trained.

Scheduling of Quality Activities:

9. Detailed QA and QC schedule that provides the timing, durations, and dependencies for all QC technical checking, interdisciplinary reviews, internal design verification against project criteria, and internal QA audits.

SANBAG, Caltrans Reviews:

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10. Formal external (SANBAG and Caltrans) review schedules (Peer Reviews and Constructability Reviews).
11. Processes for SANBAG Peer Review and Caltrans review comments tracking, response, resolution, checking of comment incorporation, and closure process.

Internal Reviews:

12. Quality procedures related to interdisciplinary design review (IDR) process.
13. Technical review of environmental reports.

Management of Requirements:

14. The requirements for the development of a Basis of Design report that includes a list of governing project criteria, source documents for the governing criteria, including those from Caltrans, SANBAG and local municipalities.
15. Requirements management processes used to track design variation requests, and procedures for changes to the requirements as a result of approved design variances.

Quality Procedures for Project Controls:

16. Project QA and QC procedures related to approved project scope changes and associated revisions to estimates and schedule.
17. Project QA and QC procedures for configuration management against the baseline design.

Quality Control (QC) Procedures:

18. Detailed QC procedures, including descriptions of process steps and documentation of processes for technical checking, QC reviews, and design verification. The procedures for technical checking will include:
    - QC testing and validation of computer software used for the calculations
    - Checking of calculations and data (hand calculations and computer calculations input and output)
    - Checking of drawings and exhibits
    - Checking of specifications and contract documents
    - Checking of quantities and cost estimates
    - Review of studies or report-type documents
    - QC of CADD-produced documents
19. Checklists to be used to verify: design criteria / technical compliance; submittal contents; CADD compliance; specifications compliance; calculations compliance; and milestone specific level of completion.

Quality Assurance (QA) Procedures:

20. The processes for QA monitoring, surveillances, and audits of the QC activities, including when QA audits are to be conducted prior to submittals, and the QC activities and QC documentation to be audited.
21. Processes for the management of the implementation of Corrective Action to internal and external QA audit non-conformances and findings.

Quality Documentation:

Attachment: 210 Lane Addition & Base Line SOW [Revision 1] (1677 : SR 210 Lane Addition Approve release RFP for Design)

22. Quality Records list or definition.
23. Document Control procedures, including electronic files and project folders, submittal procedures, control of hardcopies, uploading of scanned hardcopy PDF files, document retention requirements, and the treatment of quality documents. This part of the Project QA/QC Plan may reference sections of a project management plan and/or a separate project or firm document control plan.

Attachment: 210 Lane Addition & Base Line SOW [Revision 1] (1677 : SR 210 Lane Addition Approve release RFP for Design)

Contract Summary Sheet

General Contract Information

Contract No: 15-1001230 Amendment No.: 0 Vendor No.: 00450

Vendor/Customer Name: California Dept of Transportation Sole Source? [ ] Yes [X] No

Description: 210 Lane Addition & Base Line Interchange - PSE/ROW Cooperative Agreement

Start Date: 07/01/2015 Expiration Date: 12/31/20 (TBD) Revised Expiration Date:

Has Contract Term Been Amended? [x] No [ ] Yes - Please Explain

List Any Related Contracts Nos.: C12148 / C13114 / C13027

Dollar Amount			
Original Contract		Original Contingency	
Revised Contract (Inclusive of Prior Amendments)		Revised Contingency (Inclusive of Prior Amendments)	
Current Amendment		Contingency Amendment	
TOTAL CONTRACT VALUE		TOTAL CONTINGENCY VALUE	
		TOTAL DOLLAR AUTHORITY (Contract Value and Contingency)	

Contract Authorization

[ ] Executive Director Date:

Executive Director Action:

[x] Board of Directors Date: 07/01/2015

Board of Directors Action: Approve MOU 15-1001230 with Caltrans

[X] Contract Management: Payable/Miscellaneous

Invoice Warning: 20% Renewals: Type: [ ] Capital [ ] PAA [X] Other

[ ] Retention: % Maximum Retention: $ -

Services: [ ] Construction [X] Intrgrnt/MOU/COOP [ ] A & E Services [ ] Other Professional Services

[ ] Disadvantaged Business Enterprise (DBE) Goal %

[ ] Contract Management: Receivable

[ ] E-76 and/or CTC Date (Attach Copy) [ ] Program Supplement No.:

[ ] Finance Letter [ ] Reversion Date: [ ] EA No.:

All of the above MUST be submitted to FINANCE including originals, amendments and miscellaneous transaction changes

Additional Information

Project Manager:

Attachment: 15-1001230 CSS [Revision 1] (1677 : SR 210 Lane Addition Approve release RFP for Design)

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

COOPERATIVE AGREEMENT

State Independent Quality Assurance

This AGREEMENT, effective on _____, is between the State of California, acting through its Department of Transportation, referred to as CALTRANS, and:

San Bernardino County Transportation Commission, a public corporation/entity, referred to hereinafter as SANBAG.

RECITALS

1. PARTNERS are authorized to enter into a cooperative agreement for improvements to the state highway system (SHS) per the California Streets and Highways Code sections 114 and 130.

2. For the purpose of this AGREEMENT, *"Add one mixed flow lane in each direction from Highland Avenue to San Bernardino Avenue (Redlands) includes auxiliary lanes between Base Line and 5th Street and acceleration lane at 5th Street E/B on ramp and deceleration lane at Highland Avenue E/B off ramp. At State Route 210/Base Line IC: Reconstruct/widen Base Line between Church Avenue and Boulder Avenue from 4 to 6 through lanes and extend left turn lanes, widen ramps-W/B exit 1 to 3 lanes, W/B & E/B entrances 1 to 3 lanes"* will be referred to hereinafter as PROJECT. The project scope of work is defined in the PROJECT initiation and approval documents (e.g. Project Study Report, Permit Engineering Evaluation Report, or Project Report).

3. All responsibilities assigned in this AGREEMENT to complete the following PROJECT COMPONENTS will be referred to hereinafter as OBLIGATIONS:

   - Plans, Specifications, and Estimate (PS&E)
   - Right of Way Support (R/W SUPPORT)
   - Right of Way Capital (R/W CAPITAL)

4. This AGREEMENT is separate from and does not modify or replace any other cooperative agreement or memorandum of understanding between PARTNERS regarding the PROJECT.

5. The following work associated with this PROJECT has been completed or is in progress:

- SANBAG is developing the Initial Study/Mitigated Negative Declaration (Cooperative Agreement No. 1524 & 1561) for CALTRANS approval and is anticipated to be completed and April 15, 2016.

- SANBAG is developing the Categorical Exclusion (Cooperative Agreement No. 1524 & 1561) for CALTRANS approval and is anticipated to be completed April, 15, 2016.

6. In this AGREEMENT capitalized words represent defined terms, initialisms, or acronyms.

7. PARTNERS hereby set forth the terms, covenants, and conditions of this AGREEMENT, under which they will accomplish OBLIGATIONS.

RESPONSIBILITIES

Sponsorship

8. SANBAG is the SPONSOR for the PROJECT COMPONENTS in this AGREEMENT.

Funding

9. Funding sources, funding amounts, and invoicing/payment details are documented in the FUNDING SUMMARY. The FUNDING SUMMARY is incorporated and made an express part of this AGREEMENT.

   PARTNERS will execute a new FUNDING SUMMARY each time the funding details change. The FUNDING SUMMARY will be executed by a legally authorized representative of the respective PARTNERS. The most current fully executed FUNDING SUMMARY supersedes any previous FUNDING SUMMARY created for this AGREEMENT.

   Replacement of the FUNDING SUMMARY will not require an amendment to the body of this AGREEMENT unless the funding changes require it.

10. Each PARTNER is responsible for the costs they incur in performing the OBLIGATIONS of this AGREEMENT unless otherwise stated in this AGREEMENT.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

Implementing Agency

11. SANBAG is the IMPLEMENTING AGENCY for PS&E.

12. SANBAG is the IMPLEMENTING AGENCY for RIGHT OF WAY.

13. The IMPLEMENTING AGENCY for a PROJECT COMPONENT will provide a Quality Management Plan (QMP) for that component as part of the PROJECT MANAGEMENT PLAN. The Quality Management Plan describes the IMPLEMENTING AGENCY's quality policy and how it will be used. The Quality Management Plan is subject to CALTRANS review and approval.

14. Any PARTNER responsible for completing WORK shall make its personnel and consultants that prepare WORK available to help resolve WORK-related problems and changes for the entire duration of the PROJECT including PROJECT COMPONENT work that may occur under separate agreements.

Independent Quality Assurance

15. CALTRANS will provide Independent Quality Assurance for the portions of WORK within the existing and proposed SHS right-of-way.

    CALTRANS' Independent Quality Assurance efforts are to ensure that SANBAG'S quality assurance activities result in WORK being developed in accordance with the applicable standards and within an established Quality Management Plan. Independent Quality Assurance does not include any efforts necessary to develop or deliver WORK or any validation by verifying or rechecking work performed by another party.

    When CALTRANS performs Independent Quality Assurance it does so for its own benefit. No one can assign liability to CALTRANS due to its Independent Quality Assurance.

CEQA/NEPA Lead Agency

16. CALTRANS is the CEQA Lead Agency for the PROJECT.

17. CALTRANS is the NEPA Lead Agency for the PROJECT.

Environmental Permits, Approvals and Agreements

18. PARTNERS will comply with the commitments and conditions set forth in the environmental documentation, environmental permits, approvals, and applicable agreements as those commitments and conditions apply to each PARTNER's responsibilities in this AGREEMENT.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

19. Unless otherwise assigned in this AGREEMENT, the IMPLEMENTING AGENCY for a PROJECT COMPONENT is responsible for all PROJECT COMPONENT WORK associated with coordinating, obtaining, implementing, renewing, and amending the PROJECT permits, agreements, and approvals whether they are identified in the planned project scope of work or become necessary in the course of completing the PROJECT.

20. The PROJECT requires the following environmental requirements/approvals:

ENVIRONMENTAL PERMITS/REQUIREMENTS
404, US Army Corps Of Engineers
401, Regional Water Quality Control Board
National Pollutant Discharge Elimination System (NPDES), State Water Resources Control Board
Federal Endangered Species Act Consultation
1602 California Department of Fish and Wildlife

Plans, Specifications, and Estimate (PS&E)

21. As IMPLEMENTING AGENCY for PS&E, SANBAG is responsible for all PS&E WORK except those PS&E activities and responsibilities that are assigned to another PARTNER in this AGREEMENT and those activities that may be specifically excluded.

22. SANBAG will prepare Utility Conflict Maps identifying the accommodation, protection, relocation, or removal of any existing utility facilities that conflict with construction of the PROJECT or that violate CALTRANS' encroachment policy.

    SANBAG will provide CALTRANS a copy of Utility Conflict Maps for CALTRANS' concurrence prior to issuing the Notices to Owner and executing the Utility Agreement. All utility conflicts will be addressed in the PROJECT plans, specifications, and estimate.

Right of Way (R/W)

23. As IMPLEMENTING AGENCY for R/W, SANBAG is responsible for all R/W SUPPORT WORK except those R/W SUPPORT activities and responsibilities that are assigned to another PARTNER in this AGREEMENT and those activities that may be specifically excluded.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

24. Right of Way acquisition will not occur prior to the approval of the environmental document. If environmental permits, licenses, agreements, or certifications are needed for the right of way acquisition that those must be obtained prior to the acquisition.

25. The selection of R/W personnel and WORK within the completed PROJECT's SHS right-of-way will be performed in accordance with federal and California laws and regulations, and CALTRANS' policies, procedures, standards, practices, and applicable agreements.

26. SANBAG will make all necessary arrangements with utility owners for the timely accommodation, protection, relocation, or removal of any existing utility facilities that conflict with construction of the PROJECT or that violate CALTRANS' encroachment policy.

27. SANBAG will provide CALTRANS a copy of conflict maps, Relocation Plans, proposed Notices to Owner, Reports of Investigation, and Utility Agreements (if applicable) for CALTRANS' concurrence prior to issuing the Notices to Owner and executing the Utility Agreement. All utility conflicts will be fully addressed prior to Right of Way Certification and all arrangements for the protection, relocation, or removal of all conflicting facilities will be completed prior to construction contract award and included in the PROJECT plans, specifications, and estimate.

28. SANBAG will determine the cost to positively identify and locate, protect, relocate, or remove any utility facilities whether inside or outside SHS right-of-way in accordance with federal and California laws and regulations, and CALTRANS' policies, procedures, standards, practices, and applicable agreements including but not limited to Freeway Master Contracts.

29. SANBAG will provide a land surveyor licensed in the State of California to be responsible for surveying and right-of-way engineering. All survey and right-of-way engineering documents will bear the professional seal, certificate number, registration classification, expiration date of certificate, and signature of the responsible surveyor.

30. SANBAG will utilize a public agency currently qualified by CALTRANS or a properly licensed consultant for all right-of-way activities and administer all right of way consultant contracts in accordance with Right of Way Manual, Section 17.06.04.03, 17.06.04.04, and 17.06.04.05.

    SANBAG will submit a draft Right of Way Certification document to CALTRANS six (6) weeks prior to the scheduled Right of Way Certification milestone date for review.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

SANBAG will submit a final Right of Way certification document to CALTRANS for approval prior to the PROJECT advertisement.

31. Physical and legal possession of right-of-way must be completed prior to construction advertisement, unless PARTNERS mutually agree to other arrangements in writing. Right of way conveyances must be completed prior to OBLIGATION COMPLETION, unless PARTNERS mutually agree to other arrangements in writing.

32. CALTRANS' acceptance of right-of-way title is subject to review of an Updated Preliminary Title Report provided by SANBAG verifying that the title is free of all encumbrances and liens to which CALTRANS has taken exception. Upon acceptance, SANBAG will provide CALTRANS with a Policy of Title Insurance in CALTRANS' name.

33. The California Transportation Commission is responsible for hearing and adopting Resolutions of Necessity.

Schedule

34. PARTNERS will manage the schedule for OBLIGATIONS through the work plan included in the PROJECT MANAGEMENT PLAN.

Additional Provisions

35. PARTNERS will perform all OBLIGATIONS in accordance with federal and California laws, regulations, and standards; FHWA STANDARDS; and CALTRANS STANDARDS.

36. CALTRANS retains the right to reject noncompliant WORK, protect public safety, preserve property rights, and ensure that all WORK is in the best interest of the SHS.

37. Each PARTNER will ensure that personnel participating in OBLIGATIONS are appropriately qualified or licensed to perform the tasks assigned to them.

38. PARTNERS will invite each other to participate in the selection of any consultants who participate in OBLIGATIONS.

39. CALTRANS will issue, upon proper application, the encroachment permits required for WORK within SHS right-of-way. Contractors and/or agents, and utility owners will not work within the SHS right-of-way without an encroachment permit issued in their name. CALTRANS will provide encroachment permits to PARTNERS, their contractors, consultants and agents, at no cost. If the encroachment permit and this AGREEMENT conflict, the requirements of this AGREEMENT shall prevail.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

40. The IMPLEMENTING AGENCY for a PROJECT COMPONENT will coordinate, prepare, obtain, implement, renew, and amend any encroachment permits needed to complete the PROJECT COMPONENT WORK.

41. If any PARTNER discovers unanticipated cultural, archaeological, paleontological, or other protected resources during WORK, all WORK in that area will stop and that PARTNER will notify all PARTNERS within twenty-four (24) hours of discovery. WORK may only resume after a qualified professional has evaluated the nature and significance of the discovery and a plan is approved for its removal or protection.

42. PARTNERS will hold all administrative drafts and administrative final reports, studies, materials, and documentation relied upon, produced, created, or utilized for the PROJECT in confidence to the extent permitted by law and where applicable, the provisions of California Government Code section 6254.5(e) shall protect the confidentiality of such documents in the event that said documents are shared between PARTNERS.

    PARTNERS will not distribute, release, or share said documents with anyone other than employees, agents, and consultants who require access to complete the PROJECT without the written consent of the PARTNER authorized to release them, unless required or authorized to do so by law.

43. If a PARTNER receives a public records request pertaining to OBLIGATIONS, that PARTNER will notify PARTNERS within five (5) working days of receipt and make PARTNERS aware of any disclosed public documents. PARTNERS will consult with each other prior to the release of any public documents related to the PROJECT.

44. If HM-1 or HM-2 is found during a PROJECT COMPONENT, the IMPLEMENTING AGENCY for that PROJECT COMPONENT will immediately notify PARTNERS.

45. CALTRANS, independent of the PROJECT, is responsible for any HM-1 found within the existing SHS right-of-way. CALTRANS will undertake, or cause to be undertaken, HM MANAGEMENT ACTIVITIES related to HM-1 with minimum impact to the PROJECT schedule.

    CALTRANS, independent of the PROJECT will pay, or cause to be paid, the cost of HM MANAGEMENT ACTIVITIES related to HM-1 found within the existing SHS right-of-way.

46. If HM-1 is found within the PROJECT limits and outside the existing SHS right-of-way, responsibility for such HM-1 rests with the owner(s) of the parcel(s) on which the HM-1 is found. SANBAG, in concert with the local agency having land use jurisdiction over the parcel(s), will ensure that HM MANAGEMENT ACTIVITIES are undertaken related to HM-1 with minimum impact to PROJECT schedule.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

The costs for HM MANAGEMENT ACTIVITIES related to HM-1 found within the PROJECT limits and outside the existing SHS right-of-way will be the responsibility of the owner(s) of the parcel(s) where the HM-1 is located.

47. If HM-2 is found within the PROJECT limits, the public agency responsible for the advertisement, award, and administration (AAA) of the PROJECT construction contract will be responsible for HM MANAGEMENT ACTIVITIES related to HM-2.

48. CALTRANS' acquisition or acceptance of title to any property on which any HM-1 or HM-2 is found will proceed in accordance with CALTRANS' policy on such acquisition.

49. SANBAG will accept, reject, compromise, settle, or litigate claims of any non-AGREEMENT parties hired to complete OBLIGATIONS.

50. PARTNERS will confer on any claim that may affect OBLIGATIONS or PARTNERS' liability or responsibility under this AGREEMENT in order to retain resolution possibilities for potential future claims. No PARTNER will prejudice the rights of another PARTNER until after PARTNERS confer on the claim.

51. If the PROJECT expends state or federal funds, each PARTNER will comply with the federal Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards of 2 CFR, Part 200. PARTNERS will ensure that any for-profit party hired to participate in the OBLIGATIONS will comply with the requirements in 48 CFR, Chapter 1, Part 31. When state or federal funds are expended on the PROJECT these principles and requirements apply to all funding types included in this AGREEMENT.

52. If the PROJECT expends state or federal funds, each PARTNER will undergo an annual audit in accordance with the Single Audit Act and the federal Office of Management and Budget (OMB) Circular A-133.

53. If the PROJECT expends federal funds, any PARTNER that hires an A&E consultant to perform WORK on any part of the PROJECT will ensure that the procurement of the consultant and the consultant overhead costs are in accordance with Chapter 10 of the *Local Assistance Procedures Manual*.

54. If WORK stops for any reason, IMPLEMENTING AGENCY will place the PROJECT right-of-way in a safe and operable condition acceptable to CALTRANS.

55. If WORK stops for any reason, each PARTNER will continue to implement all of its applicable commitments and conditions included in the PROJECT environmental documentation, permits, agreements, or approvals that are in effect at the time that WORK stops, as they apply to each PARTNER's responsibilities in this AGREEMENT, in order to keep the PROJECT in environmental compliance until WORK resumes.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

56. Fines, interest, or penalties levied against a PARTNER will be paid by the PARTNER whose action or lack of action caused the levy.

57. If there are insufficient funds available in this AGREEMENT to place PROJECT right-of-way in a safe and operable condition, the appropriate IMPLEMENTING AGENCY will fund these activities until such time as PARTNERS amend this AGREEMENT.

    That IMPLEMENTING AGENCY may request reimbursement for these costs during the amendment process.

58. SANBAG will furnish CALTRANS with the Project History Files related to the PROJECT facilities on SHS within sixty (60) days following the completion of each PROJECT COMPONENT. SANBAG will prepare the Project History File in accordance with the Project Development Procedures Manual, Chapter 7. All material will be submitted neatly in a three-ring binder and on a CD ROM in PDF format.

GENERAL CONDITIONS

59. PARTNERS understand that this AGREEMENT is in accordance with and governed by the Constitution and laws of the State of California. This AGREEMENT will be enforceable in the State of California. Any PARTNER initiating legal action arising from this AGREEMENT will file and maintain that legal action in the Superior Court of the county in which the CALTRANS district office that is signatory to this AGREEMENT resides, or in the Superior Court of the county in which the PROJECT is physically located.

60. All CALTRANS' OBLIGATIONS under this AGREEMENT are subject to the appropriation of resources by the Legislature, the State Budget Act authority, and the allocation of funds by the California Transportation Commission.

61. Neither SANBAG nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by CALTRANS, its contractors, sub-contractors, and/or its agents under or in connection with any work, authority, or jurisdiction conferred upon CALTRANS under this AGREEMENT. It is understood and agreed that CALTRANS, to the extent permitted by law, will defend, indemnify, and save harmless SANBAG and all of its officers and employees from all claims, suits, or actions of every name, kind, and description brought forth under, but not limited to, tortious, contractual, inverse condemnation, or other theories and assertions of liability occurring by reason of anything done or omitted to be done by CALTRANS, its contractors, sub-contractors, and/or its agents under this AGREEMENT.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

62. Neither CALTRANS nor any officer or employee thereof is responsible for any injury, damage, or liability occurring by reason of anything done or omitted to be done by SANBAG, its contractors, sub-contractors, and/or its agents under or in connection with any work, authority, or jurisdiction conferred upon SANBAG under this AGREEMENT. It is understood and agreed that SANBAG, to the extent permitted by law, will defend, indemnify, and save harmless CALTRANS and all of its officers and employees from all claims, suits, or actions of every name, kind, and description brought forth under, but not limited to, tortious, contractual, inverse condemnation, or other theories and assertions of liability occurring by reason of anything done or omitted to be done by SANBAG, its contractors, sub-contractors, and/or its agents under this AGREEMENT.

63. PARTNERS do not intend this AGREEMENT to create a third party beneficiary or define duties, obligations, or rights in parties not signatory to this AGREEMENT. PARTNERS do not intend this AGREEMENT to affect their legal liability by imposing any standard of care for fulfilling OBLIGATIONS different from the standards imposed by law.

64. PARTNERS will not assign or attempt to assign OBLIGATIONS to parties not signatory to this AGREEMENT without an amendment to this AGREEMENT.

65. SANBAG will not interpret any ambiguity contained in this AGREEMENT against CALTRANS. SANBAG waives the provisions of California Civil Code section 1654.

    A waiver of a PARTNER's performance under this AGREEMENT will not constitute a continuous waiver of any other provision.

66. A delay or omission to exercise a right or power due to a default does not negate the use of that right or power in the future when deemed necessary.

67. If any PARTNER defaults in its OBLIGATIONS, a non-defaulting PARTNER will request in writing that the default be remedied within thirty (30) calendar days. If the defaulting PARTNER fails to do so, the non-defaulting PARTNER may initiate dispute resolution.

68. PARTNERS will first attempt to resolve AGREEMENT disputes at the PROJECT team level. If they cannot resolve the dispute themselves, the CALTRANS district director and the executive officer of SANBAG will attempt to negotiate a resolution. If PARTNERS do not reach a resolution, PARTNERS' legal counsel will initiate mediation. PARTNERS agree to participate in mediation in good faith and will share equally in its costs.

    Neither the dispute nor the mediation process relieves PARTNERS from full and timely performance of OBLIGATIONS in accordance with the terms of this AGREEMENT. However, if any PARTNER stops fulfilling OBLIGATIONS, any other PARTNER may seek equitable relief to ensure that OBLIGATIONS continue.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

Except for equitable relief, no PARTNER may file a civil complaint until after mediation, or forty-five (45) calendar days after filing the written mediation request, whichever occurs first.

PARTNERS will file any civil complaints in the Superior Court of the county in which the CALTRANS district office signatory to this AGREEMENT resides or in the Superior Court of the county in which the PROJECT is physically located. The prevailing PARTNER will be entitled to an award of all costs, fees, and expenses, including reasonable attorney fees as a result of litigating a dispute under this AGREEMENT or to enforce the provisions of this article including equitable relief.

69. PARTNERS maintain the ability to pursue alternative or additional dispute remedies if a previously selected remedy does not achieve resolution.

70. If any provisions in this AGREEMENT are found by a court of competent jurisdiction to be, or are in fact, illegal, inoperative, or unenforceable, those provisions do not render any or all other AGREEMENT provisions invalid, inoperative, or unenforceable, and those provisions will be automatically severed from this AGREEMENT.

71. If during performance of WORK additional activities or environmental documentation is necessary to keep the PROJECT in environmental compliance, PARTNERS will amend this AGREEMENT to include completion of those additional tasks.

72. Except as otherwise provided in the AGREEMENT, PARTNERS will execute a formal written amendment if there are any changes to OBLIGATIONS.

73. When WORK performed on the PROJECT is done under contract and falls within the Labor Code section 1720(a)(1) definition of "public works" in that it is construction, alteration, demolition, installation, or repair; or maintenance work under Labor Code section 1771, PARTNERS shall conform to the provisions of Labor Code sections 1720 through 1815, and all applicable provisions of California Code of Regulations found in Title 8, Division 1, Chapter 8, Subchapter 3, Articles 1-7. PARTNERS shall include prevailing wage requirements in contracts for public work and require contractors to include the same prevailing wage requirements in all subcontracts. Work performed by a PARTNER's own employees is exempt from the Labor Code's Prevailing Wage requirements.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

74. If WORK is paid for, in whole or part, with federal funds and is of the type of work subject to federal prevailing wage requirements, PARTNERS shall conform to the provisions of the Davis-Bacon and Related Acts, 40 U.S.C. § 276(a).

    When applicable, PARTNERS shall include federal prevailing wage requirements in contracts for public work. WORK performed by a PARTNER's employees is exempt from federal prevailing wage requirements.

75. PARTNERS agree to sign a CLOSURE STATEMENT to terminate this AGREEMENT. However, all indemnification, document retention, audit, claims, environmental commitment, legal challenge, maintenance and ownership articles will remain in effect until terminated or modified in writing by mutual agreement or expire by the statute of limitations.

76. PARTNERS intend this AGREEMENT to be their final expression that supersedes any oral understanding or writings pertaining to the OBLIGATIONS. The requirements of this agreement shall preside over any conflicting requirements in any documents that are made an express part of this AGREEMENT.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

DEFINITIONS

AGREEMENT – This agreement including any attachments, exhibits, and amendments.

CALTRANS STANDARDS – CALTRANS policies and procedures, including, but not limited to, the guidance provided in the Project Development Procedures Manual (PDPM) and the CALTRANS Workplan Standards Guide for the Delivery of Capital Projects (WSG) [which contains the CALTRANS Work Breakdown Structure (WBS) and was previously known as the WBS Guide] and is available at http://www.dot.ca.gov/hq/projmgmt/guidance.htm.

CEQA (California Environmental Quality Act) – The act (California Public Resources Code, sections 21000 et seq.) that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those significant impacts, if feasible.

CFR (Code of Federal Regulations) – The general and permanent rules published in the Federal Register by the executive departments and agencies of the federal government.

CLOSURE STATEMENT – A document signed by PARTNERS that verifies the completion of all OBLIGATIONS included in this AGREEMENT and in all amendments to this AGREEMENT.

FHWA – Federal Highway Administration.

FHWA STANDARDS – FHWA regulations, policies and procedures, including, but not limited to, the guidance provided at www.fhwa.dot.gov/topics.htm.

FUNDING PARTNER – A PARTNER that commits funds in this AGREEMENT to fulfill OBLIGATIONS. A FUNDING PARTNER accepts the responsibility to provide the funds it commits in this Agreement.

FUNDING SUMMARY – An executed document that includes a FUNDING TABLE and invoicing and payment methods.

FUNDING TABLE – The table that designates funding sources, types of funds, and the PROJECT COMPONENT in which the funds are to be spent. Funds listed on the FUNDING TABLE are "not-to-exceed" amounts for each FUNDING PARTNER.

GAAP (Generally Accepted Accounting Principles) – Uniform minimum standards and guidelines for financial accounting and reporting issued by the Federal Accounting Standards Advisory Board that serve to achieve some level of standardization. See http://www.fasab.gov/accepted.html.

HM-1 – Hazardous material (including, but not limited to, hazardous waste) that may require removal and disposal pursuant to federal or state law whether it is disturbed by the PROJECT or not.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

HM-2 – Hazardous material (including, but not limited to, hazardous waste) that may require removal and disposal pursuant to federal or state law only if disturbed by the PROJECT.

HM MANAGEMENT ACTIVITIES – Management activities related to either HM-1 or HM-2 including, without limitation, any necessary manifest requirements and disposal facility designations.

IMPLEMENTING AGENCY – The PARTNER responsible for managing the scope, cost, and schedule of a PROJECT COMPONENT to ensure the completion of that component.

IQA (Independent Quality Assurance) – CALTRANS' efforts to ensure that another PARTNER's quality assurance activities are in accordance with the applicable standards and the PROJECT's Quality Management Plan (QMP). When CALTRANS performs Independent Quality Assurance it does not develop, produce, validate, verify, re-check, or quality control another PARTNER's work products.

NEPA (National Environmental Policy Act of 1969) – This federal act establishes a national policy for the environment and a process to disclose the adverse impacts of projects with a federal nexus.

OBLIGATIONS – All WORK responsibilities and their associated costs.

OBLIGATION COMPLETION – PARTNERS have fulfilled all OBLIGATIONS included in this AGREEMENT and have signed a COOPERATIVE AGREEMENT CLOSURE STATEMENT.

PARTNER – Any individual signatory party to this AGREEMENT.

PARTNERS – The term that collectively references all of the signatory agencies to this AGREEMENT. This term only describes the relationship between these agencies to work together to achieve a mutually beneficial goal. It is not used in the traditional legal sense in which one PARTNER's individual actions legally bind the other PARTNER.

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PROJECT COMPONENT – A distinct portion of the planning and project development process of a capital project as outlined in California Government Code, section 14529(b).

- PID (Project Initiation Document) – The work required to deliver the project initiation document for the PROJECT in accordance with CALTRANS STANDARDS.
- PA&ED (Project Approval and Environmental Document) – The work required to deliver the project approval and environmental documentation for the PROJECT in accordance with CALTRANS STANDARDS.
- PS&E (Plans, Specifications, and Estimate) – The work required to deliver the plans, specifications, and estimate for the PROJECT in accordance with CALTRANS STANDARDS.
- R/W (Right of Way) –The project components for the purpose of acquiring real property interests for the PROJECT in accordance with CALTRANS STANDARDS.
    - R/W (Right of Way) SUPPORT –The work required to obtain all property interests for the PROJECT.
    - R/W (Right of Way) CAPITAL – The funds for acquisition of property rights for the PROJECT.
- CONSTRUCTION – The project components for the purpose of completing the construction of the PROJECT in accordance with CALTRANS STANDARDS.
    - CONSTRUCTION SUPPORT – The work required for the administration, acceptance, and final documentation of the construction contract for the PROJECT.
    - CONSTRUCTION CAPITAL – The funds for the construction contract.

PROJECT MANAGEMENT PLAN – A group of documents used to guide the PROJECT's execution and control throughout that project's lifecycle.

PS&E (Plans, Specifications, and Estimate) – See PROJECT COMPONENT.

QMP (Quality Management Plan) – An integral part of the PROJECT MANAGEMENT PLAN that describes IMPLEMENTING AGENCY's quality policy and how it will be used.

R/W (Right of Way) CAPITAL – See PROJECT COMPONENT.

R/W (Right of Way) SUPPORT – See PROJECT COMPONENT.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

SHS (State Highway System) – All highways, right-of-way, and related facilities acquired, laid out, constructed, improved, or maintained as a state highway pursuant to constitutional or legislative authorization.

SPONSOR – Any PARTNER that accepts the responsibility to establish scope of the PROJECT and the obligation to secure financial resources to fund the PROJECT COMPONENTS in this AGREEMENT. A SPONSOR is responsible for adjusting the PROJECT scope to match committed funds or securing additional funds to fully fund the PROJECT COMPONENTS in this AGREEMENT. If this AGREEMENT has more than one SPONSOR, funding adjustments will be made by percentage (as outlined in Responsibilities). Scope adjustments must be developed through the project development process and must be approved by CALTRANS as the owner/operator of the SHS.

WORK – All efforts to complete the OBLIGATIONS included in this AGREEMENT as described by the activities in the CALTRANS Workplan Standards Guide for the Delivery of Capital Projects (WSG).

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

SIGNATURES

PARTNERS are empowered by California Streets and Highways Code section 114 and 130 to enter into this AGREEMENT and have delegated to the undersigned the authority to execute this AGREEMENT on behalf of the respective agencies and covenants to have followed all the necessary legal requirements to validly execute this AGREEMENT.

Signatories may execute this AGREEMENT through individual signature pages provided that each signature is an original. This AGREEMENT is not fully executed until all original signatures are attached.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

_____

John Bulinski
Interim District 8 Director

Certified as to funds:

_____

Lisa Pacheco
District Budget Manager

SAN BERNARDINO COUNTY
TRANSPORTATION COMMISSION

_____

_____
Board President

Concurrence:

_____

Jeffery Hill
Procurement Manager

Attest:

_____

Vicki Watson
Board Secretary

Approved as to form and procedure:

_____

Eileen Monaghan Teichert
General Counsel

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

FUNDING SUMMARY NO. 01

v. 12

FUNDING TABLE

		IMPLEMENTING AGENCY →	SANBAG	SANBAG		
Source	FUNDING PARTNER	Fund Type	PS&E	R/W SUPPORT	R/W CAPITAL	Totals
Local	SANBAG	Local	$11,007,500.00	$0	$0	$11,007,500.00
Local	SANBAG	Local	$0	$1,235,000.00	$0	$1,235,000.00
Local	SANBAG	Local	$0	$0	$5,200,000.00	$5,200,000.00
Totals			$11,007,500.00	$1,235,000.00	$5,200,000.00	$17,442,500.00

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition

Funding

Invoicing and Payment

Plans, Specifications, and Estimate (PS&E)

1. No invoicing or reimbursement will occur for the PS&E PROJECT COMPONENT.

Right of Way Support (R/W SUPPORT)

2. No invoicing or reimbursement will occur for the R/W SUPPORT PROJECT COMPONENT.

Right of Way Capital (R/W CAPITAL)

3. No invoicing or reimbursement will occur for the R/W CAPITAL PROJECT COMPONENT.

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

Signatures

PARTNERS are empowered by California Streets and Highways Code sections 114 and 130 to enter into this AGREEMENT and have delegated to the undersigned the authority to execute this FUNDING SUMMARY on behalf of the respective agencies and covenants to have followed all the necessary legal requirements to validly execute this FUNDING SUMMARY.

Signatories may execute this FUNDING SUMMARY through individual signature pages provided that each signature is an original. This FUNDING SUMMARY is not fully executed until all original signatures are attached.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

_____

John Bulinski
Interim District 8 Director

Date _____

_____

District Budget Manager

_____

HQ Accounting

SAN BERNARDINO COUNTY
TRANSPORTATION COMMISSION

_____

L. Dennis Michael
Board President

Date _____

Attachment: Caltrans Coop Agreement 1611, 15-1001230 [Revision 3] (1677 : SR 210 Lane Addition Approve release RFP for Design)

San Bernardino Associated Governments

1170 W. 3rd Street, 2nd Fl, San Bernardino, CA 92410
Phone: (909) 884-8276 Fax: (909) 885-4407
Web: www.sanbag.ca.gov

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

Minute Action

AGENDA ITEM: 8

Date: June 11, 2015

Subject:
Funding Allocation and Project List for Valley Major Street Program/Arterial Sub-Program for Fiscal Year 2015/2016

Recommendation:
That the following be reviewed and recommended for final approval by the Board of Directors, acting in its capacity as the San Bernardino County Transportation Authority, at a regularly scheduled Board meeting:

A. Approve the Measure I Funding Allocations for the Valley Major Street Program/Arterial Sub-Program for Fiscal Year 2015/2016 as referenced in Table 1 in this Agenda Item.

B. Approve the Project List for the Measure I Valley Major Street Program/Arterial Sub-Program for Fiscal Year 2015/2016 as referenced in Attachment 1 to this Agenda Item.

Background:
As part of the 2010-2040 Measure I Strategic Plan the SANBAG Board approved creation of the Valley Arterial sub-program under the Major Street Program. Strategic Plan Policy 40006 requires each valley jurisdiction to execute a Jurisdiction Master Agreement with SANBAG to be eligible for reimbursement of Measure I Valley Arterial sub-program funds. The agreements serve as multi-year contracts to apply throughout the remaining life of Measure I 2010-2040. On an annual fiscal year basis, as required by the Jurisdictional Master Agreements, SANBAG is to adopt the Measure I Valley Major Street Program/Arterial Sub-Program Funding Allocations and Project List.

The funding allocations were presented to the SANBAG Board in April 2015 as part of the Fiscal Year 2015/2016 budget planning process.

The Fiscal Year 2015/2016 funding allocations approved by the SANBAG Board in April 2015 are included in Table 1, as well as each jurisdiction's previous allocation amounts and cumulative allocation through Fiscal Year 2015/2016.

Entity: CTA

Table 1
Approved Measure I Valley Major Street/Arterial Sub-Program Allocation Amounts

Jurisdiction	Equitable Share	Cumulative Allocation through 14/15	**Approved Adjusted FY 15/16 Allocation**	**Cumulative Allocation through 15/16**
Chino	7.591%	$2,074,118.26	$726,503.33	$2,800,621.59
Chino Hills	2.194%	$554,552.92	$195,262.69	$749,815.61
Colton	2.534%	$682,278.77	$258,069.39	$940,348.16
Fontana	19.400%	$5,717,624.76	$1,295,957.71	$7,013,582.47
Grand Terrace	1.389%	$382,077.31	$129,005.04	$511,082.35
Highland	6.777%	$1,714,072.65	$601,236.06	$2,315,308.71
Loma Linda	4.074%	$1,033,479.98	$356,250.92	$1,389,730.90
Montclair	0.597%	$157,551.70	$46,243.52	$203,795.22
Ontario	12.272%	$3,100,449.94	$1,094,554.02	$4,195,003.96
Rancho Cucamonga	5.044%	$1,548,442.13	$461,717.82	$2,010,159.95
Redlands	4.854%	$1,235,145.59	$418,032.94	$1,653,178.53
Rialto	3.831%	$1,064,356.08	$339,544.91	$1,403,900.99
San Bernardino	7.857%	$1,991,354.11	$714,291.09	$2,705,645.20
Upland	2.743%	$820,894.87	$243,047.95	$1,063,942.82
Yucaipa	5.965%	$2,018,527.05	$522,902.04	$2,541,429.09
County	12.878%	$5,423,441.65	$1,229,657.17	$6,653,098.82
Arterial Allocation	**100.00%**	**$29,518,367.77**	**$8,632,276.59**	**$38,150,644.36**

The Project List in Attachment 1 represents the projects for which expenditures are eligible for reimbursement in Fiscal Year 2015/2016. The project list is based on the submittals jurisdictions provided to SANBAG as part of their Capital Project Needs Analysis (CPNA) submittal. The list includes all projects listed for Fiscal Years 2015/2016 and 2016/2017 plus projects for which there were prior expenditures that have not been fully reimbursed. Staff is requesting approval of the Project List.

The Transportation Technical Advisory Committee (TTAC) reviewed the funding allocations (Table 1) on February 2, 2015 and on March 2, 2015, prior to SANBAG Board approval in April 2015. The Project List (Attachment 1) was reviewed by TTAC on March 2, 2015.

Financial Impact:
This item is not consistent with the Fiscal Year 2015/2016 Budget, Task No. 0515, Measure I Valley Apportionment and Allocation. A budget amendment may be needed depending on actual reimbursement requests.

Reviewed By:
The information in this item was reviewed by the Transportation Technical Advisory Committee on March 2, 2015. It is not scheduled for review by any other policy committee.

Responsible Staff:
Ellen Pollema, Transportation Planning Analyst

Approved
Board of Directors Metro Valley Study Session
Date: June 11, 2015

Witnessed By:

ATTACHMENT 1

Fiscal Year 2015/2016 Measure I Valley Capital Project Needs Analysis (CPNA) Project List

and Estimated Public Share reimbursement Amount of Measure I Major Street Arterial Sub-Program Funds

Agency & Project					Future Needs			
City	Project Type	Project	Total Project Cost	Total MI Arterial Need by Project	Prior	15-16	16-17	TOTAL
Chino	ART	Construct Traffic Signal at the Intersection of Eucalyptus and Mountain	$278,000	$179,500	$0	$0	$6,500	$6,500
Chino	ART	Construct Traffic Signal at the Intersection of Kimball and Main	$198,740	$99,370	$99,370	$0	$0	$99,370
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and El Prado	$258,000	$86,000	$0	$1,000	$5,000	$6,000
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and Euclid	$333,000	$111,000	$0	$1,000	$5,000	$6,000
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and Main Street	$334,000	$167,000	$0	$0	$4,000	$4,000
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and Mayhew Ave (Sultana Ave)	$334,000	$167,000	$0	$0	$4,000	$4,000
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and Mill Creek/Chino-Corona Rd	$334,000	$167,000	$0	$0	$4,000	$4,000
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and Rincon Meadows Avenue	$334,000	$167,000	$0	$0	$4,000	$4,000
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and SR-71	$333,000	$111,000	$0	$0	$5,000	$5,000
Chino	ART	Construct Traffic Signal at the Intersection of Pine Avenue and West Preserve Loop	$334,000	$167,000	$0	$4,000	$163,000	$167,000
Chino	ART	Widen El Prado Road from Central Ave to Pine from 2 to 4 lanes	$1,854,000	$927,000	$0	$0	$63,000	$63,000
Chino	ART	Widen Pine Ave from Euclid Avenue to SR-71 from 2 to 4 lanes	$31,387,120	$12,385,120	$300,000	$373,120	$0	$673,120
Chino	ART	Widen Pine Avenue from Euclid Avenue to Hellman from 2 lanes to 6 lanes	$6,794,000	$3,397,000	$0	$0	$15,000	$15,000
Chino		**Total**	**$43,105,860**	**$18,130,990**	**$399,370**	**$379,120**	**$278,500**	**$1,056,990**
Chino Hills	ART	Widen Pine Avenue from SR-71 to Chino Creek (North side only)	$4,204,210	$3,621,260	$0	$3,621,260	$0	$3,621,260
Chino Hills		**Total**	**$4,204,210**	**$3,621,260**	**$0**	**$3,621,260**	**$0**	**$3,621,260**
Colton	ART	Realign Reche Canyon Rd to Hunts Ln from Washington St to City limit and Widen Reche Canyon Rd from City limit to City/Riverside city limits from 2 lanes to 4 lanes	$538,000	$303,408	$0	$0	$153,408	$153,408
Colton	ART	Widen La Cadena Dr from Rancho Ave to Iowa split including bridge over Santa Ana River from 4 to 6 lanes	$26,054,640	$517,920	$169,820	$9,700	$84,600	$264,120
Colton	ART	Extend Washington St to La Cadena Dr	$468,100	$52,734	$0	$52,734	$0	$52,734
Colton	ART	Mount Vernon Bridge over UPRR Widening Project	$11,634,520	$522,330	$236,290	$57,105	$57,105	$350,500
Colton		**Total**	**$38,695,260**	**$1,396,392**	**$406,110**	**$119,539**	**$295,113**	**$820,762**
Fontana	ART	Beech: Construct 4 lanes extending the street from Miller to Foothill	$300,000	$203,700	$203,700	$0	$0	$203,700
Fontana	ART	Citrus: Jurupa to Slover Widen 2 to 4 lanes	$1,354,167	$919,479	$0	$919,479	$0	$919,479
Fontana	ART	Foothill: widen from Citrus Ave to Maple Ave from 4 to 6 lanes	$2,784,203	$1,279,374	$65,727	$1,213,647	$0	$1,279,374
Fontana	ART	Widen Sierra Ave from Foothill to Baseline Ave. from 4 to 6 lanes	$9,417,813	$2,588,493	$0	$574,474	$2,014,019	$2,588,493
Fontana	ART	Foothill Blvd. from Hemlock to Almeria widen from 4 to 6 lanes	$12,773,097	$704,520	$0	$0	$704,520	$704,520
Fontana		**Total**	**$26,629,280**	**$5,695,566**	**$269,427**	**$2,707,600**	**$2,718,539**	**$2,402,553**
Grand Terrace	ART	Widen Michigan Ave from Commerce Way to Main St from 2 lanes to 3 traffic lanes with the third lane a center turn lane and bicycle lanes on both side of Michigan St	$1,471,720	$884,200	$333,100	$110,220	$110,220	$553,540
Grand Terrace		**Total**	**$1,471,720**	**$884,200**	**$333,100**	**$110,220**	**$110,220**	**$553,540**
Highland		**Total**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Loma Linda		**Total**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Montclair		**Total**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Ontario	ART	Widen Grove Ave from Fourth St to Airport Dr from 4 to 6 lanes	$2,293,000	$255,000	$255,000	$0	$0	$255,000
Ontario		**Total**	**$2,293,000**	**$255,000**	**$255,000**	**$0**	**$0**	**$255,000**
Rancho Cucamonga	ART	Wilson Ave from East Ave to Wardman Bullock Rd - new street	$5,003,040	$3,567,167	$609,840	$1,410,830	$356,500	$2,377,170
Rancho Cucamonga	ART	Victoria St from Etiwanda Ave to East City Limits - widening+ sidewalk and rehabilitation	$430,000	$306,590	$0	$14,980	$0	$14,980
Rancho Cucamonga	ART	6th St and Utica Ave - New Traffic Signal	$300,000	$213,900	$0	$8,913	$0	
Rancho Cucamonga	ART	Carnelian St at Banyan St - new Traffic Signal	$300,000	$213,900	$0	$8,913	$204,988	$213,900
Rancho Cucamonga		**Total**	**$6,033,040**	**$4,301,557**	**$609,840**	**$1,443,635**	**$561,488**	**$2,606,050**
Redlands	ART	Traffic Signal at Ford Street and I-10 WB Ramp	$225,000	$0	$177,000	$177,000	$0	$354,000
Redlands	ART	Reconstruct University Street Interchange - Major Street Arterial Loan for 2/3 of Developer Share	$675,260	$675,260	$41,250	$57,480	$257,290	$356,020
Redlands		**Total**	**$900,260**	**$675,260**	**$218,250**	**$234,480**	**$257,290**	**$710,020**
Rialto	ART	Pepper Avenue Extension	$15,444,441	$9,127,665	$9,127,665	$0	$0	$9,127,665
Rialto	ART	Ayala Ave Widening - Ayala Rd from Baseline Rd to Easton Ave from 2 to 4 lanes	$9,199,174	$5,544,282	$2,316,794	$3,227,488	$0	$5,544,282
Rialto	ART	Riverside Av & San Bernardino Av Widening	$6,426,317	$3,563,174	$1,619,010	$1,944,164	$0	$3,563,174

Rialto		**Total**	**$31,069,932**	**$18,235,121**	**$13,063,469**	**$5,171,652**	**$0**	**$18,235,121**
San Bernardino	ART	Mount Vernon Viaduct Bridge Replacement	$79,043,000	$3,750,000	$835,000	$226,000	$1,282,000	$2,343,000
San Bernardino	ART	Extension of State Street between Foothill Blvd (SR66) and Hansford St+ from 0 to 4 lanes	$6,407,000	$1,637,000	$362,000	$604,000	$324,000	$1,290,000
San Bernardino	ART	Widen 40th Street between Johnson Street and Electric Avenue from 2 to 4 lanes	$2,845,000	$876,000	$20,000	$239,000	$68,000	$327,000
San Bernardino	ART	Widen "H" Street between Kendall Drive and 40th Street from 2 to 4 lanes	$815,000	$22,000	$0	$2,000	$20,000	$22,000
San Bernardino		**Total**	**$89,110,000**	**$6,285,000**	**$1,217,000**	**$1,071,000**	**$1,694,000**	**$3,982,000**
San Bernardino County - Rialto Sphere	ART	Widen Slover Avenue from Tamarind Ave to Alder Ave and from Linden Ave to Cedar Ave+ from 2 to 4 lanes (Ph B of widen Slover Ave+ from Tamarind to Cactus)	$9,140,116	$4,611,433	$2,856,121	$1,755,312	$0	$4,611,433
San Bernardino County - Fontana Sphere	ART	Ph 1: Widen N.Side of San Bernardino Ave from Cherry Ave to Fontana city limit from 1 to 2 lanes (Phase I of San Bernardino Ave from Cherry Ave to Fontana city limit)	$4,010,000	$2,337,830	$588,830	$1,749,000	$0	$2,337,830
San Bernardino County - Fontana Sphere	ART	Widen Cherry Ave bridge from Merrill Ave to Whittram from 4 to 6 lanes	$1,018,457	$593,760	$593,760	$0	$0	$593,760
San Bernardino County		**Total**	**$14,168,573**	**$7,543,023**	**$4,038,711**	**$3,504,312**	**$0**	**$7,543,023**
Upland	ART	Widen Arrow Route from Monte Vista Avenue to Central Avenue from 2 to 4 lanes	$1,870,000	$1,100,000	$200,000	$0	$0	$200,000
Upland	ART	Widen Foothill Blvd. from Monte Vista Avenue to Central Avenue	$6,000,000	$3,591,000	$3,591,000	$0	$0	$3,591,000
Upland		**Total**	**$7,870,000**	**$4,691,000**	**$3,791,000**	**$0**	**$0**	**$3,791,000**
Yucaipa	ART	Widen County Line Road between 5th Street and I-10 Freeway from 2 to 4 lanes.	$929,000	$15,000	$15,000	$0	$0	$15,000
Yucaipa	ART	Widen Calimesa Blvd between County Line Road and Avenue I from 2 to 4 lanes	$210,000	$55,000	$55,000	$0	$0	$55,000
Yucaipa	ART	Widen 5th Street between Yucaipa Blvd and Avenue E from 2 to 4 lanes.	$810,000	$55,000	$55,000	$0	$0	$55,000
Yucaipa	ART	Widen Intersections along Avenue E to increase capacity	$1,251,000	$509,000	$509,000	$0	$0	$509,000
Yucaipa	ART	Widen Yucaipa Blvd between 15th Street and the I-10 Freeway from 4 lanes to 6 lanes.	$4,791,000	$2,286,000	$1,411,100	$479,900	$145,000	$2,036,000
Yucaipa		**Total**	**$7,991,000**	**$2,920,000**	**$2,045,100**	**$479,900**	**$145,000**	**$2,670,000**
GRAND TOTAL			**$260,392,019**	**$67,685,106**	**$23,201,426**	**$15,338,406**	**$6,060,150**	**$41,298,056**

BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE RECORD – 2015

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

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

MVSSatt15 Shaded box = No meeting

BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE RECORD – 2015

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

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

MVSSatt15 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.

SANBAG Acronym List

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
SRTP	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 21st 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

Governments
SANBAG
Working Together

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.

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