



**San Bernardino Associated Governments**

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



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

**April 14, 2016**

**\*\*\*Start Time: 9:30 AM\*\*\***

**Location**

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

***Board of Directors***

**Valley Representatives**

**Study Session Chair**

Alan Wapner, Council Member  
City of Ontario

**Study Session Vice-Chair**

Janice Rutherford, Supervisor  
Second District

Dennis Yates, Mayor  
City of Chino

Ed Graham, Council Member  
City of Chino Hills

Frank Navarro, Council Member  
City of Colton

Michael Tahan, Council Member  
City of Fontana

Darcy McNaboe, Mayor  
City of Grand Terrace

Larry McCallon, Mayor  
City of Highland

Rhodes "Dusty" Rigsby, Mayor  
City of Loma Linda

Paul M. Eaton, Mayor  
City of Montclair

L. Dennis Michael, Mayor  
City of Rancho Cucamonga

Jon Harrison, Mayor Pro Tem  
City of Redlands

Deborah Robertson, Mayor  
City of Rialto

R. Carey Davis, Mayor  
City of San Bernardino

Ray Musser, Mayor  
City of Upland

Dick Riddell, Council Member  
City of Yucaipa

**Mountain/Desert Representatives**

Rich Kerr, Mayor  
City of Adelanto

Curt Emick, Council Member  
Town of Apple Valley

Julie McIntyre, Mayor  
City of Barstow

Ryan McEachron, Council Member  
City of Victorville

Bill Jahn, Mayor Pro Tem  
City of Big Bear Lake

Eric Schmidt, Council Member  
City of Hesperia

Edward Paget, Mayor  
City of Needles

Joel Klink, Council Member  
City of Twentynine Palms

George Huntington, Council Member  
Town of Yucca Valley

**County Board of Supervisors**

Robert Lovingood, First District

James Ramos, Third District

Josie Gonzales, Fifth District

Curt Hagman, Fourth District

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

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

**AGENDA**

**Board of Directors Metro Valley Study Session**

**April 14, 2016  
9:30 AM**

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

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

**CALL TO ORDER**

(Meeting Chaired by Alan Wapner)

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

**Possible Conflict of Interest Issues**

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

**1. Information Relative to Possible Conflict of Interest**

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

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

## **CONSENT CALENDAR**

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

### **Consent - Project Delivery**

- 2. Construction Contract Change Orders to on-going SANBAG construction contracts with Sully-Miller Contracting Company and Flatiron West, Inc.**

Receive and file change order report.

**Presenter: Mike Barnum**

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

## **DISCUSSION ITEMS**

### **Discussion - Project Delivery**

- 3. Quarterly Project Status Report through March 2016**

Receive the Major Projects Status Briefing for the period through March 2016.

**Presenter: Mike Barnum**

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

- 4. Mount Vernon Avenue Viaduct over BNSF Railway Intermodal Yard**

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:

Approve Memorandum of Understanding (MOU) 16-1001476 with the City of San Bernardino for the development of the Mount Vernon Avenue Viaduct over BNSF Railway Intermodal Yard Project designating San Bernardino Associated Governments (SANBAG) as the lead agency for the remaining phases of the project, which include design, right of way, construction and possible environmental revalidation.

**Presenter: Dennis Saylor**

**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 and the draft MOU.**

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

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

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

B. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-025 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Ali M. Yasin and Salam A. Yasin (hereafter “first Yasin property”) (Assessor’s Parcel Number [APN] 1167-141-02; Caltrans Parcel Number [CPN] 23335). The Resolution must be approved by at least a two-thirds majority;

C. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-029 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Ali M. Yasin and Salam A. Yasin (hereafter “second Yasin property”) (APN 1167-231-11; CPN 23344). The Resolution must be approved by at least a two-thirds majority;

D. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-028 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: SDG Investments, LLC (hereafter “SDG Investments property”) (APN 1167-231-20; CPN 23341). The Resolution must be approved by at least a two-thirds majority;

E. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-033 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Mark L. Pierce and Jane L. Pierce, Trustees, U.D.T. dated October 31, 2007, The Mark and Jane Pierce Family Trust (hereafter “the Pierce property”)(APN 1167-151-09; CPN 23763). The Resolution must be approved by at least a two-thirds majority.

**Presenter: Paula Beauchamp**

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

**Comments from Board Members**

Brief Comments from Board Members

**Public Comment**

Brief Comments by the General Public

**ADJOURNMENT**

**Additional Information**

Attendance  
SANBAG Entities  
Acronym List  
Mission Statement

**The next Board of Directors Metro Valley Study Session will be  
May 12, 2016**

## Meeting Procedures and Rules of Conduct

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

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

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

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

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

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

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

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

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

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

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

**Attendance.**

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

**Basic Agenda Item Discussion.**

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

**The Vote as specified in the SANBAG Bylaws.**

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

**Amendment or Substitute Motion.**

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

**Call for the Question.**

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

**The Chair.**

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

**Courtesy and Decorum.**

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

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

- 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: 1

***Date:*** April 14, 2016

***Subject:***  
 Information Relative to Possible Conflict of Interest

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

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

**Consent/Discussion Calendar Items**

Item No.	Contract No.	Principals & Agents	Subcontractors
2-A	C14164	Sully-Miller Contracting Company <i>Raymond Sanchez</i>	A. C. Dike Company ACL Construction Company, Inc. Bravo Sign & Design Cal-Stripe, Inc. Coral Construction Company Diversified Landscaping Company Fencecorp, Inc. Goss Construction Company, Inc. Harber Companies, Inc. High Light Electric, Inc. Integrity Rebar Placers J.V. Land Clearing Company, Inc. LNA Concrete Structures, Inc. MCM Construction, Inc. Statewide Traffic Safety & Signs
2-B	C14162	Flatiron West, Inc. <i>Christian M. Peich</i>	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.

*Entity: CMA, COG, CTA, CTC, SAFE*

## Board of Directors Metro Valley Study Session Agenda Item

April 14, 2016

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			Malcolm Drilling Old Castle Precast, Inc. Payco Specialties, Inc. Southwest V-Ditch, Inc.
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Item No.	Principals & Agents
5	Ali M. Yasin & Salam A. Yasin
	SDG Investments, LLC
	<i>Javier Vasquez</i>
	U.D.T. dated October 31,2007, The Mark and Jane Family Trust <i>Mark L. Pierce &amp; Jane L. Pierce</i>

**Financial Impact:**

This item has no direct impact on the SANBAG budget.

**Reviewed By:**

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

**Responsible Staff:**

Mike Barnum, Construction Manager

Approved  
Board of Directors Metro Valley Study Session  
Date: April 14, 2016

Witnessed By:



## *Minute Action*

### AGENDA ITEM: 2

**Date:** April 14, 2016

**Subject:**

Construction Contract Change Orders to on-going SANBAG construction contracts with Sully-Miller Contracting Company and Flatiron West, Inc.

**Recommendation:**

Receive and file change order report.

**Background:**

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

A. Contract Number (CN) C14164 with Sully-Miller Contracting Company for construction of the I-10 Tippecanoe Avenue Interchange Phase II project: CCO No. 30 (\$60,743.52 increase for modifications to traffic signal and interconnect requirements including an increased usage of fiber optics in place of copper wire as required by Caltrans' directive), CCO No. 31 Supplement 3 (\$15,177.10 additional funds to account for additional quantities of various bid items related to work not accounted for by the Design Engineer) and CCO No. 45 (\$2,400.00 increase for modifications to luminaire arms at traffic signal pole locations where clearance from existing SCE overhead lines was required for safety as requested by SCE).

B. CN C14162 with Flatiron West, Inc. for construction of the I-15 Base Line Interchange project: CCO No. 17 (\$4,332.70 decrease due to eliminating the removal of two decorative columns along Base Line Road near Americana Way), CCO No. 20 (\$30,480.00 increase to compensate contractor for installation of additional 12 inch curb along reconstructed sidewalk to address grade differential caused by street widening) and CCO No. 30 (no cost/no credit change to revise the Standard Specifications pertaining to Form Liners to allow for horizontal joints).

**Financial Impact:**

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

**Reviewed By:**

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

**Responsible Staff:**

Mike Barnum, Construction Manager

Approved  
 Board of Directors Metro Valley Study Session  
 Date: April 14, 2016

Witnessed By:

Entity: CTA, CTC

Board of Directors Metro Valley Study Session  
Construction Change Orders Log

<b>I-10 Cherry Interchange - Executed Change Orders</b>		
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
10 S-1	Maintain Existing Electrical System – Supplement 1	\$ 20,000.00
10 S-1	Maintain Existing Electrical System – Supplement 2	\$ 38,000.00
11	Spillway Drainage Connection to DS-1	\$ 25,000.00
11 S-1	Spillway Drainage Connection to DS-1 – Supplement 1	\$ 13,000.00
11 S-2	Additional Funds	\$ 18,000.00
12	Temporary Light Poles	\$ 20,000.00
13	Remove Existing Sign Structure	\$ 10,260.00
14	Compensation for Right-of-Way Obstruction (Leach Tank)	\$ 10,780.00
15	Revision to Contract Special Provisions for Tree Removal	\$ 0.00
16	RW 680 Footing Modifications	\$ (21,490.00)
17	Remove Existing Asbestos Pipe	\$ 10,797.00
19	Regular PCCP in Lieu of Rapid Set Concrete	\$ (152,296.00)
18	Realign 96" RCP	\$ 49,991.01
20	Driveway for Truck Stop Facility	\$ 0.00
21	Remove Tree Item Adjustment	\$ 103,187.55
21 S-1	Additional Funds	\$ 58,999.65
22	Change in Alignment for SW 697	\$ 0.00
23	Modified Concrete Barrier for Concrete Poles	\$ 25,000.00
23 S-1	Additional Funds	\$ 35,000.00
24	Removal and Disposal of Man-Made Buried Objects	\$ 5,000.00
24 S-1	Additional Funds	\$ 55,000.00
25	Additional Grout at Sound Wall 697	\$ 5,000.00
26	New Drainage System at RW 33	\$ 5,199.50
27	Modifications to Drainage System No. 1 Channel Wall	\$ 21,477.30
28	Just-in-Time Training	\$ 1,110.00
29	Maintain Existing Drainage System	\$ 20,000.00
29 S-1	Additional Funds	\$ 30,000.00
30	Modifications to Drainage System	\$ (115,480.50)
31	Payment to Edison	\$ 10,000.00

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

32	Various Unforeseen Additional Work	\$ 30,000.00
32 S-1	Additional Funds	\$ 30,000.00
33	Electrical Revisions for MSE Wall	\$ 46,447.28
34	Bridge Modifications as per Caltrans and UPRR	\$ 26,000.00
35	Increase in Various Items	\$ 73,234.66
36	Joint Armor for Bridge Sidewalks	\$ 13,000.00
37	Revisions to Rock Blanket Thickness	\$ (154,335.02)
37 S-1	Replace Rock Blanket with 2 ½" Gravel	\$ (23,100.00)
38	Revise SP's for Payment for Removal of Temporary Striping	\$ 20,000.00
38 S-1	Additional Funds	\$ 14,000.00
40	Rush Truck Center Parking Lot	\$ 45,000.00
42	Pedestrian Access to Bridge	\$ 20,000.00
42 S-1	Additional Funds	\$ 5,000.00
43	Type 60C Barrier and Shotcrete Along W/B Off-Ramp	\$ 35,000.00
45	Lower Fiber Optics and Drainage Systems for Roadway	\$ 60,461.12
45 S-1	Additional Funds	\$ 10,000.00
46	Temp. Electrical Feed for Street Lighting for Stage 1A	\$ 17,000.00
48	Pedestrian Signal Heads, Pushbuttons and Street Signs	\$ 29,903.05
49	Replace Spalled Slabs in Lieu of Patching	\$ 233,882.72
50	Concrete Barrier Anchor Block	\$ 4,825.44
51	Traffic Signal Equipment for Slover and Valley	\$ 71,082.80
52	Railroad OH Modifications	\$ 73,660.00
53	NOPC 003-07-25-13 Resolution	\$ 249,760.84
54	Stage 3B Construction Changes	\$ (45,206.82)
54 S-1	Additional Stage Construction Changes	\$ (104,722.20)
55	Modify Drain Inlet	\$ 3,526.18
56	Apprentice Training	\$ 9,600.00
57	Farmer Boy Restaurant Landscaping and Irrigation System	\$ 10,350.00
58	Modify Striping on Cherry	\$ 9,590.50
58 S-1	Resolve NOPC No. 13-04-10-15	\$ 9,664.84
59	Final Quantity on Various Bid Items	\$ (16,284.59)
60	Installation of LED Lighting Equipment	\$ 49,269.71
61	Vandal Proof Pull box Lids	\$ 30,000.00
62	Modifications to Drainage System No. 9	\$60,000.00
63	Bid Item No. 104 Final Payment Adjustment	\$ 24,347.81
68	Bid Item Adjustments	\$ 18,700.01
<b>CCO TOTAL</b>		<b>\$ 1,739,103.84</b>
<b>TOTAL CONTINGENCY AND SUPPLEMENTAL</b>		<b>\$ 5,282,319.79</b>

<b>Palm Avenue Grade Separation – Executed Change Orders</b>		
Number	Description	Amount
1	Delayed Start	\$ 0.00
1 S-1	Partial Suspension of Work Due to Utility Delays	\$ 0.00
2	Additional Hoop Rebar for CIDH Piles	\$ 1,310.00
3	Additional SWPPP Measures and SWPPP Maintenance	\$ 50,000.00
3 S-1	Additional Funds	\$ 11,406.00
3 S-2	Returning Unused Funds to Contingency	\$ (32,239.10)
3 S-3	Returning Unused Funds to Contingency	\$ (5,222.25)

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

4	Additional Traffic Control	\$ 25,000.00
4 S-1	Returning Unused Funds to Contingency	\$ (5,651.49)
5	Modify Contract Language to Remove Barstow	\$ 0.00
6	Modification to City Water Line	\$ (8,750.00)
6 S-1	Modification to City Water Line	\$ 0.00
6 S-2	Additional Funds	\$ 14,922.00
6 S-3	Deletion of Butterfly Valve and Hydrant	\$ (635.26)
6 S-4	Returning Unused Funds to Contingency	\$ (5,827.33)
7	Temporary Drainage System	\$ 10,000.00
7 S-1	Returning Unused Funds to Contingency	\$ (4,588.04)
8	Revisions to Denny's, Cross Slope and Detour	\$ 71,027.00
8 S-1	Additional Funds	\$ 3,500.00
8 S-2	Returning Unused Funds to Contingency	\$ (635.48)
9	Relocate Existing Pole Gate	\$ 4,242.00
10	Various Electrical Changes	\$ 39,600.00
10 S-1	Additional Funds	\$ 10,505.00
10 S-2	Determination of Zero Days to Schedule	\$ 0.00
11	Wrought Iron Fence Substitution	\$ (5,000.00)
12	Water Meter Installation	\$ 24,514.00
12 S-1	Additional Funds	\$ 2,000.00
12 S-2	Additional Funds for Water Payment	\$ 3,000.00
12 S-3	Returning Unused Funds to Contingency	\$ (2,476.57)
13	Dispute Resolution Advisor	\$ 15,000.00
13 S-1	Returning Unused Funds to Contingency	\$ (14,250.00)
14	Cable Railing for Headwalls and Wing-Walls	\$ 3,750.00
15	Electrical Services	\$ 50,000.00
15 S-1	Returning Unused Funds to Contingency	\$ (21,952.95)
15 S-2	Additional Funds	\$ 32.84
16	VECP for Retaining Wall Elimination	\$ (65,686.51)
16 S-1	VECP Final Savings Determination	\$ (27,850.00)
17	Transition Barrier Railing at BNSF R/W	\$ 5,263.25
18	Curb and Gutter Near Edison Pole	\$ 30,000.00
18 S-1	Returning Unused Funds to Contingency	\$ (27,836.18)
19	Chain Link Fence Details on Bridge	\$ 1,050.50
20	Bridge Deck Profilograph	\$ 1,540.00
21	Accelerated Weekend Work	\$ 88,279.00
21 S-1	Returning Unused Funds to Contingency	\$ (22,124.51)
21 S-2	Deferred Time – Zero Working Days Added	\$ 0.00
22	Increase in Temporary Striping and Potholing	\$ 16,715.50
23	Modify Existing Industrial Pkwy for Frontage Road	\$ 45,055.50
23 S-1	Additional Funds	\$ 71,141.00
23 S-2	Additional Funds	\$ 25,000.00
23 S-3	Returning Unused Funds to Contingency	\$ (3,040.96)
23 S-4	Deferred Time – Zero Working Days Added	\$ 0.00
24	Temporary Electrical	\$ 3,380.00
25	Modifications to Denny's Temporary Driveway	\$ 30,000.00
25 S-1	Additional Funds	\$ 1,620.00
25 S-2	Additional Funds	\$ 32,732.00
25 S-3	Returning Unused Funds to Contingency	\$ (15,570.86)

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

26	BNSF Roadway Removals	\$ 40,263.00
26 S-1	Additional Funds	\$ 10,000.00
26 S-2	Returning Unused Funds to Contingency	\$ (6,026.32)
27	Traffic Signal Loops	\$ 3,025.00
27 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
29	DG Walk, Swale and AC Dike changes near UPRR	\$ 3,530.00
29 S-1	Returning Unused Funds to Contingency	\$ (789.34)
30	Pavement Delineation on Industrial Parkway	\$ 4,540.00
30 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
31	Apprentice Training	\$ 4,800.00
31 S-1	Returning Unused Funds to Contingency	\$ (3,037.60)
32	Roadside Signs on Street Light Poles	\$ (230.00)
33	Modify Pole Gate	\$ 527.00
33 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
34	Additional Shoulder Stripe	\$ 2,431.00
34 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
35	Walters Driveway Wheelchair Ramps	\$ 10,000.00
35 S-1	Deferred Time – 27 Working Days Added	\$ 0.00
36	Bid Item No. 11 Price Adjustment	\$ 1,410.25
36 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
37	Bid Item Cost Adjustment for Final Payment	\$ (14,756.16)
38	RE Office Lease Extension	\$ 6,111.00
38 S-1	Deferred Time – Zero Working Days Added	\$ 0.00
39	Slurry Seal Roadway	\$ 15,028.00
39 S-1	Additional Funds for Pavement Report	\$ 3,636.88
40	Claim Payment for Grading work; Exception to PFE	\$ 1,432.30
<b>CCO TOTAL</b>		<b>\$ 518,899.27</b>
<b>TOTAL CONTINGENCY AND SUPPLEMENTAL</b>		<b>\$ 1,254,317.50</b>

<b>I-10 Tippecanoe Avenue Phase II – Executed Change Orders</b>		
Number	Description	Amount
1	Delete Paleontological Resources from Special Provisions	\$ 0.00
2	Revise Special Provisions Section “Work Around Parcel”	\$ 0.00
3	Maintain Traffic	\$ 50,000.00
4	Partnering	\$ 35,000.00
5	Dispute Review Board	\$ 15,000.00
7	Landscaping Repairs	\$ 2,300.00
8	Tree Removal	\$ 6,750.00
9	Strom Water Maintenance	\$ 19,400.00
10	Buried Man-made Objects	\$ 10,000.00
11	Sign Quantities, Flashing Beacon & Sign Foundation Modifications	\$ 38,089.58
10 S-1	Additional Funds	\$ 20,000.00
12	Placement of Suitable Embankment Material Westbound Off-ramp	\$ 60,000.00
12 S-1	Additional Funds	\$ 75,000.00
13	Replace Paving at Conejo & Lee	\$ 5,000.00
14	Plans & Specs Clarification for Bakers Parking Lot	\$ 0.00
15	Casing for Sound Wall CIDH Pile	\$ 5,000.00
16	Realignment of Drainage System No. 13	\$ 5,000.00

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Amounts shown in parentheses represent a credit to the Agency

16 S-1	Additional Funds	\$ 3,500.00
17	Driveway Access at 1205 Coulston	\$ 17,177.50
17 S-1	Additional Funds	\$ 850.00
18	Modify Stage Construction (Adding 31 Agency Owned Float)	\$ 0.00
18 S-1	Staging Modifications	\$ 0.00
19	Asphalt Binder Adjustment for RHMA Mix Design	\$ 0.00
20	SCE Electrical Service Change	\$ 0.00
20 S-1	Decrease in conduit and pull boxes	\$ (5,300.00)
21	Apprentice Training Program	\$ 6,400.00
22	Grade Transition at Coulston and Conejo	\$ 25,000.00
23	K-Rail & Crash Cushion	\$ 3,025.00
24	Temporary Pavement Repairs W/B On-Ramp	\$ 8,000.00
25	Maintain Existing and Temporary Electrical Systems	\$ 50,000.00
26	Remove Tree at Del Taco	\$ 5,000.00
26 S-1	Additional Funds for trees at Lee Street	\$ 5,000.00
28	Relocate Water Meters and Gas Meter	\$ 12,000.00
28 S-1	Additional Funds	\$ 41,219.83
29	Curb Wall and Hand Railing	\$ 57,973.30
<b>30</b>	<b>Traffic Signal &amp; Interconnect Caltrans Modifications</b>	<b>\$ 60,743.52</b>
31	Increase in Bid Item Costs	\$ 13,164.12
31 S-1	Additional Funds	\$ 1,723.04
31 S-2	Additional Funds	\$ 1,420.07
<b>31 S-3</b>	<b>Additional Funds</b>	<b>\$ 15,177.10</b>
32	Repair Damage by Others	\$ 2,000.00
33	Relocate BK Subs Sign	\$ 14,630.21
34	Install Copper Irrigation Service Line In-lieu of PVC Pipe	\$ 3,569.00
34 S-1	Additional Funds	\$ 8,818.95
34 S-2	Additional Funds	\$ 8,818.95
36	Drainage System No. 22 Re-alignment	\$ 20,000.00
37	AC Paving Transition at Back of New Sidewalk	\$ 8,000.00
40	Electrical Pull Box Wire Theft Deterrent	\$ 1,000.00
41	Rebar Couplers for Bridge Deck Closure Pour	\$ 35,000.00
42	Reinstalling Bakers Drive Thru Parking Lot Items	\$ 10,000.00
43	Drainage System No. 6 Additional Inlet	\$ 27,639.00
<b>45</b>	<b>Luminaire Arm Changes SCE</b>	<b>\$ 2,400.00</b>
<b>CCO TOTAL</b>		<b>\$ 805,489.17</b>
<b>TOTAL CONTINGENCY AND SUPPLEMENTAL</b>		<b>\$ 1,583,771.87</b>

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

<b>Laurel Street Grade Separation – Executed Change Orders</b>		
Number	Description	Amount
1	Maintain Roadway and Maintain Traffic	\$ 20,000.00

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Amounts shown in parentheses represent a credit to the Agency

2	Removal and Disposal of Buried Man-Made Object	\$ 10,000.00
3	Revised City of Colton Electrical E-02	\$ 9,476.14
5	RJ&R and TCI Properties	\$ 47,966.00
6	Increase TWC Size of Vault	\$ 4,515.00
7	Compensate Contractor for Payment to AT&T Utility	\$ 109,740.02
7 S-1	Additional Funds	\$ 87,122.00
8	36" Casing – Waterline	\$ 86,535.00
9	Dispute Review Board	\$ 22,500.00
10	Different in Cost 750mm Wire in Lieu of 500mm	\$ 4,000.00
10 S-1	Additional Funds	\$ 4,000.00
10 S-2	Additional Funds	\$ 15,000.0
11	Increase Depth of Colton Vault	\$ 25,000.00
12	Remove Existing SCRRA Materials	\$ 10,000.00
13	Protecting and Repairing Underground Facilities	\$ 5,000.00
13 S-1	Additional Funds	\$ 5,000.00
13 S-2	Additional Funds	\$ 10,000.00
17	BNSF Shoofly Drainage	\$ 28,228.00
19	Additional Fire Protection Measures	\$ 11,794.62
19 S-1	Additional Funds	\$ 105,100.00
19 S-2	Additional Funds	\$ 3,673.05
21	Miller's Honey Stairs, Ramps and Parking Lot Modifications	\$ 12,160.00
24	Irrigation Back-flow Substitution	\$ 0.00
30	Concrete in Lieu of AC on RJ&R Property	\$ 16,800.00
32	Differing Site Conditions – Piling	\$ 20,000.00
32 S-1	Additional Funds	\$ 90,000.00
32 S-2	Additional Funds	\$ 50,000.00
33	3' Wide Pavement Transition	\$ 10,800.00
33 S-1	Additional Funds	\$ 5,000.00
35	Revised Hot Mixed Asphalt Specifications	\$ 0.00
36	Crude Oil Price Index Fluctuation	\$ 40,000.00
37	AT&T Relocations Additional Work	\$ 7,000.00
38	Striping and Bumpers in TCI Back lot	\$ 7,470.00
39	Additional Remotes for TCI Automatic Gate	\$ 3,937.64
40	Mobilization Costs due to Relocation Delays of waterline and AT&T	\$ 28,000.00
41	Revisions to Specs for Double Swing Gate	\$ 0.00
42	Temporary AC and Re-mob for Miller's Honey Paving	\$ 8,090.00
43	SWRCB Annual Permit	\$ 1,483.90
44	Retaining Curb on TCI Property	\$ 5,000.00
45	Cost to meet Right of Way Obligations	\$ 20,000.00
45 S-1	Additional Funds	\$ 30,000.00
46	BNSF Signal Bridge	\$ 14,000.00
47	Bridge Access Casings	\$ 30,350.00
48	Additional Earthwork Mobilization for BNSF Work	\$ 25,000.00
50	10-inch Wall at Retaining Wall No. 2	\$ 50,000.00
50 S-1	Additional Funds	\$ 50,000.00
51	Planter Walls at Adjacent Properties	\$ 16,000.00
51 S-1	Additional Funds	\$ 21,700.00
52	Extend Bridge Concrete Barrier	\$ 4,000.00
53	Supports for Temporary BNSF Overhead Signal Cables	\$ 130,815.65

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53 S-1	Decrease Funds	\$ (68,961.20)
55	Additional Ballast/Sub-Ballast	\$ 54,294.45
56	BNSF Signal Cable Trenching	\$11,630.00
57	Profilograph Work on Access Bridge	\$ 3,000.00
59	Additional Form Liners	\$ 52,690.18
60	Bid Item Adjustments to Eliminate 4" Elevation Difference	\$ 7,041.30
61	Form Liner Specification Change	\$ 0.00
<b>CCO TOTAL</b>		<b>\$ 1,381,951.75</b>
<b>TOTAL CONTINGENCY AND SUPPLEMENTAL</b>		<b>\$ 2,754,187.72</b>

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

<b>SR-210 Segment 11 Landscaping – Executed Change Orders</b>		
Number	Description	Amount
2	Install Roadside Signs	\$ 1,955.96
3	Water Meter Fee Adjustment	\$ 41,729.38
3 S-1	Additional Funds	\$ 6,515.39
4	Locate Existing Crossovers	\$ 30,000.00
4 S-1	Returning Unused Funds to Contingency	\$ (3,429.76)
5	Install Irrigation Crossovers	\$ 40,000.00
5 S-1	Install Irrigation Crossovers	\$ 5,965.81
6	Traffic Control	\$ 5,000.00
6 S-1	Additional Funds	\$ 1,181.90
7	Install Wireless Communication	\$ 7,237.60
7 S-1	Additional Funds	\$ 5,342.31
7 S-2	Additional Funds	\$ 2,944.19
8	Repair Slipped Slope	\$ 64,844.08
8 S-1	Addition of 10 Working Days to Contract Time	\$ 0.00
8 S-2	Returning Unused Funds to Contingency	\$ (15,446.49)
9	Remove Man-Made Objects	\$ 10,000.00
9 S-1	Additional Funds	\$ 3,829.89
10	Wildflower Seed Change	\$ 0.00
11	Rock Blanket and V-Ditch	\$ 80,000.00
12	Pothole Paving	\$ 33,378.72
13	Additional 1.5" Electrical Conduit	\$ 8,971.96
13 S-1	10% Markup on Subcontractor Electrical work	\$ 987.20
14	Shared Cost for Fiber Optic Repairs	\$ 950.00
15	Slope Paving Repairs	\$ 12,000.00
15 S-1	Returning Unused Funds to Contingency	\$ (939.09)
16	Bid Item Overrun/Underrun Final Adjustment	\$ 36,441.15
17	Replace Frost Damaged Plants	\$ 7,500.00
17 S-1	Additional Funds	\$ 908.21

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18	Three (3) Additional Work Days	\$ 0.00
<b>CCO TOTAL</b>		<b>\$ 387,868.41</b>
<b>TOTAL CONTINGENCY AND SUPPLEMENTAL</b>		<b>\$ 445,031.83</b>

<b>SR-210 Segment 9 &amp; 10 Landscaping EEP – Executed Change Orders</b>		
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
<b>CCO TOTAL</b>		<b>\$ 3,135.60</b>
<b>TOTAL CONTINGENCY AND SUPPLEMENTAL</b>		<b>\$ 295,226.10</b>

<b>I-15 Baseline Interchange – Executed Change Orders</b>		
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
<b>17</b>	<b>Eliminating Removal of Decorative Columns</b>	<b>\$ (4,332.70)</b>
18	RE Office; Additional Furniture & High-speed Internet	\$ 5,000.00
19	Revisions to CMP Schedule for Re-sequencing	\$ 0.00
<b>20</b>	<b>12” Curb at Base Line and Americana</b>	<b>\$ 30,480.00</b>
21	Relocate 12” CVWD Line	\$ 32,200.00
23	Welded Steel Pipe Wall Thickness	\$ 16,808.60
26	Retaining Wall 385R Drainage System	\$ 15,000.00
<b>30</b>	<b>From Liner Spec Revision</b>	<b>\$ 0.00</b>
<b>CCO TOTAL</b>		<b>\$ 367,865.90</b>
<b>TOTAL CONTINGENCY AND SUPPLEMENTAL</b>		<b>\$ 2,235,012.00</b>

Attachment: MVSS CCO Log (2688 : Construction Contract Change Orders MVSS1604)

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

## *Minute Action*

AGENDA ITEM: 3

**Date:** April 14, 2016

**Subject:**

Quarterly Project Status Report through March 2016

**Recommendation:**

Receive the Major Projects Status Briefing for the period through March 2016.

**Background:**

The Major Projects Status Briefing for the period through March 2016 is a high-level summary of relevant project information. This information is presented to provide schedules, cost, funding, and work descriptions for current active projects being managed by the Major Projects Group. SANBAG staff would like to highlight the following projects for this period:

1. Interstate 10 (I-10)/Pepper Avenue Interchange Project: A construction contract was awarded at the January, 2016 Board meeting and a groundbreaking ceremony was held on the project on March 11, 2016. This \$10 million project will replace the existing Pepper Avenue bridge over I-10 with a new 5 lane bridge and will improve the ramp intersections. This project is anticipated to be substantially complete in approximately 18 months and the construction contract includes incentives for local hiring.
2. Vineyard Avenue Grade Separation Project: This \$53 million project is substantially complete and open for traffic. This project consists of the construction of a new Vineyard Avenue bridge over the Union Pacific Railroad (UPRR) tracks. The City of Ontario was the lead agency for this project with substantial Measure I funding, City of Ontario funds, State funds and a contribution from UPRR. This project started construction in early 2014.

**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:**

Mike Barnum, Construction Manager

Approved  
 Board of Directors Metro Valley Study Session  
 Date: April 14, 2016

Witnessed By:

Entity: CTA

## *Minute Action*

AGENDA ITEM: 4

**Date:** *April 14, 2016*

**Subject:**

Mount Vernon Avenue Viaduct over BNSF Railway Intermodal Yard

**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:

Approve Memorandum of Understanding (MOU) 16-1001476 with the City of San Bernardino for the development of the Mount Vernon Avenue Viaduct over BNSF Railway Intermodal Yard Project designating San Bernardino Associated Governments (SANBAG) as the lead agency for the remaining phases of the project, which include design, right of way, construction and possible environmental revalidation.

**Background:**

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

In June of 2011, the City obtained environmental clearance from Caltrans for a bridge replacement. Currently in the design phase, the City is experiencing delays to the project schedule based on a variety of challenges including potential environmental revalidation needs, right-of-way issues and funding concerns. In an effort to expedite the completion of the project, the two parties have been in discussion in regards to SANBAG taking over the project due to SANBAG's extensive experience in delivering similarly large and complex projects.

On April 6, 2016, the Board of Directors directed SANBAG staff to begin working with the City of San Bernardino towards developing an MOU for Environmental Clearance, Design, Right-of-Way Acquisition and Construction phases of the project.

The purpose of this MOU is to document the terms and conditions of cooperation between SANBAG and the City of San Bernardino required for completing the project with respect to cost, funding shares, schedule, and scope and specifies SANBAG as the lead agency for remaining phases of the project. The MOU does not commit SANBAG or the City of San Bernardino to perform work or provide funding for the project but provides the overall framework necessary to complete all phases of the PROJECT. Cooperative Agreements will be

*Entity: CTA*

Board of Directors Metro Valley Study Session Agenda Item

April 14, 2016

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developed for each phase of the PROJECT that will identify the specific roles and funding responsibilities.

SANBAG staff is recommending approval of MOU 16-1001476 with the City of San Bernardino for the Environmental Clearance, Design, Right-of-Way Acquisition and Construction Phases of the Mount Vernon Avenue Viaduct over the BNSF Railway Intermodal Yard Project.

***Financial Impact:***

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

***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 and the draft MOU.

***Responsible Staff:***

Dennis Saylor, Project Manager

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Approved  
Board of Directors Metro Valley Study Session  
Date: April 14, 2016

Witnessed By:

Contract Summary Sheet

General Contract Information

Contract No: 16-1001476 Amendment No.: 0 Vendor No.: 01901
Vendor/Customer Name: City of San Bernardino Sole Source? [x] Yes [ ] No
Description: Memorandum of Understanding - Mount Vernon Avenue Viaduct over BNSF Railroad
Start Date: 05/04/2016 Expiration Date: 06/30/2021 Revised Expiration Date:
Has Contract Term Been Amended? [x] No [ ] Yes - Please Explain
List Any Related Contracts Nos.:

Table with 4 columns: Dollar Amount, Original Contract, Revised Contract, Current Amendment, TOTAL CONTRACT VALUE, Original Contingency, Revised Contingency, Contingency Amendment, TOTAL CONTINGENCY VALUE, TOTAL DOLLAR AUTHORITY.

Contract Authorization

[ ] Executive Director Date:
Executive Director Action:
[X] Board of Directors Date: 05/04/2016
Board of Directors Action: Approve Memorandum of Understanding

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 %

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: Brian Smith

Attachment: 16-1001476 CSS (2619 : Mount Vernon Avenue Viaduct - MOU)

**CONTRACT 16-1001476**

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN THE**

**SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY**

**AND THE CITY OF SAN BERNARDINO**

**FOR THE DEVELOPMENT OF**

**THE MOUNT VERNON AVENUE VIADUCT OVER BNSF RAILWAY INTERMODAL YARD**

**PROJECT**

**I. PARTIES AND TERM**

- A. This Memorandum of Understanding (“MOU”) is entered by and between the SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY (“AUTHORITY” or “SANBAG”) and the CITY OF SAN BERNARDINO (“PROJECT SPONSOR”) (and together the “PARTIES”) on the Effective Date defined later herein.
- B. The Term of this MOU will commence on the Effective Date and, unless terminated early as provided in Section V, Paragraph C, terminate upon the date a notice of completion is recorded for the Mount Vernon Bridge Replacement Project (PROJECT) or June 30, 2021, whichever is earlier.

**II. RECITALS**

- A. WHEREAS, the PROJECT is included in the SANBAG Development Mitigation Nexus Study and is eligible to receive funds from the Measure I 2010-2040 Valley Major Street Program.
- B. WHEREAS, the PARTIES desire to proceed with development of the PROJECT.
- C. WHEREAS, the PARTIES are entering into this PROJECT MOU for the purpose of documenting the terms and conditions of cooperation between the PARTIES required to complete the PROJECT with respect to cost, funding, schedule, and scope, as detailed in Exhibit A, attached hereto and incorporated herein by this reference.
- D. WHEREAS, a conceptual layout of the PROJECT is shown in Exhibit B, attached hereto and incorporated herein by this reference.
- E. WHEREAS, the PARTIES acknowledge the intent to move forward with the PROJECT, the Public and Local Agency funding shares required to complete the PROJECT, and the reasonable expectation of funding availability.
- F. WHEREAS, the Public Share is defined as the share of project cost calculated as the total cost of the project minus the development share (or Local Agency share) and the Local Agency share is the percentage share of the project cost assigned as the development contribution percentage as listed in the SANBAG Development Mitigation Nexus Study.

Attachment: 16-1001476 Mt Vernon bridge MOU [Revision 5] (2619 : Mount Vernon Avenue Viaduct - MOU)

- G. WHEREAS, the PARTIES understand that the purpose of the MOU is to outline the steps and funds necessary to complete the PROJECT, but the MOU does not commit the PARTIES to perform work or provide funding for the PROJECT, and imposes no enforceable obligations upon the PARTIES and does not grant any rights.
- H. WHEREAS, the PARTIES desire to memorialize in this MOU the framework and funding necessary for completion of the PROJECT to assist the PARTIES in their decision-making and budgeting for this PROJECT.
- I. WHEREAS, the PARTIES understand that a Cooperative Agreement will be developed for each phase of the PROJECT that will identify the specific roles and responsibilities of AUTHORITY and PROJECT SPONSOR including specific funding commitments.

### **III. AUTHORITY'S RESPONSIBILITIES**

- A. AUTHORITY will be responsible for the Public Share of PROJECT costs in accordance with Measure I 2010-2040 Valley Major Street Program Strategic Plan Policy 40006 and subsequent Cooperative Agreements.
- B. AUTHORITY will consider the development of a Loan Agreement(s) for the Local Share of PROJECT costs, if requested by the PROJECT SPONSOR, in accordance with Measure I 2010-2040 Valley Major Street Program Strategic Plan Policy.
- C. AUTHORITY will assign a project manager of its staff to coordinate with the PROJECT SPONSOR, as determined reasonably necessary by AUTHORITY to facilitate the delivery of the PROJECT.
- D. PROJECT SPONSOR and AUTHORITY shall consult on a funding strategy for PROJECT completion at least six months prior to completion of the design phase.

### **IV. PROJECT SPONSOR'S RESPONSIBILITIES**

- A. PROJECT SPONSOR will be responsible for the Local Share of the PROJECT costs in accordance with Measure I 2010-2040 Valley Major Street Program Strategic Plan Policy and subsequent agreements, including Loan Agreements.
- B. PROJECT SPONSOR will assign a project manager of its staff to coordinate with AUTHORITY, as determined reasonably necessary by PROJECT SPONSOR to facilitate the delivery of the PROJECT.
- C. PROJECT SPONSOR and AUTHORITY shall consult on a funding strategy for PROJECT completion at least six months prior to completion of the design phase.

### **V. MISCELLANEOUS**

- A. The PARTIES acknowledge that should federal funds be used in the environmental or design phases of work, Federal Highway Administration (FHWA) requires that the PROJECT must move to a capital phase (right-of-way or construction) within ten years or the federal funds may be required to be repaid to FHWA. Responsibilities related to the federal funding will be outlined in the funding cooperative agreement(s).
- B. The PARTIES acknowledge that actual cost of a specific phase may ultimately vary from the

estimates provided in Exhibit A, however, under no circumstances is the total project cost to exceed \$93,636,194 without an amendment to this Agreement.

- C. The PARTIES acknowledge that the intent is for AUTHORITY to act as the lead agency for the remaining phases of the PROJECT. Cooperative Agreements will be developed for each phase that will identify the specific roles and responsibilities of AUTHORITY and PROJECT SPONSOR.
- D. PROJECT SPONSOR shall enter into an escrow agreement with AUTHORITY within 60 calendar days after execution of Cooperative Agreements and make deposits of Local Share and SANBAG Oversight cost for each phase of the PROJECT.
- E. Recitals. The Recitals stated above are integral parts of this MOU and are hereby incorporated into the terms of this MOU.
- F. Termination. Both AUTHORITY and PROJECT SPONSOR shall have the right at any time, to terminate this MOU, with or without cause, by giving thirty (30) calendar days written notice to the other party, specifying the date of termination. Termination of the MOU will not terminate the PARTIES' continuing obligations under any Cooperative Agreements generally referenced in Section II, Paragraph I. Termination of the MOU by request of the PROJECT SPONSOR will be understood by the AUTHORITY that PROJECT SPONSOR wishes to discontinue work on the PROJECT, unless otherwise stated in an active Cooperative Agreement or in a subsequent MOU or agreement.
- G. Notification. Each Party will designate a person to be responsible for day-to-day communications regarding work under the PROJECT. For PROJECT SPONSOR, that person will be Michael Grubbs, Project Manager for CITY OF SAN BERNARDINO. For AUTHORITY, that person shall be Brian Smith, Project Manager. All notices and communications regarding this MOU, interpretation of the terms of this MOU, or changes thereto will be provided as follows:

<p>CITY OF SAN BERNARDINO</p> <p>300 North "D" Street  San Bernardino, CA 92418  ATTN: Michael Grubbs, Project  Manager</p>	<p>SANBAG</p> <p>San Bernardino Associated  Governments  1170 W. 3rd Street  San Bernardino, CA 92410-1715  ATTN: Executive Director  CC: Andrea Zureick</p>
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- H. Amendment. In the event that the PARTIES determine that the provisions of this MOU should be altered, the PARTIES may execute an amendment to add, delete, or amend any provision of this MOU. All such amendments must be in the form of a written instrument signed by the authorized representatives of the PARTIES.

-----Signatures on the Following Page-----

Attachment: 16-1001476 Mt Vernon bridge MOU [Revision 5] (2619 : Mount Vernon Avenue Viaduct - MOU)

In witness whereof the PARTIES have executed this MOU on the dates written below and this MOU is effective upon execution of this MOU by both SANBAG and PROJECT SPONSOR (“Effective Date”).

**SAN BERNARDINO COUNTY  
TRANSPORTATION AUTHORITY**

By: \_\_\_\_\_  
Ryan McEachron  
Board President

Date: \_\_\_\_\_

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Eileen Monaghan Teichert  
General Counsel

CONCURRENCE:

By: \_\_\_\_\_  
Jeffery Hill  
Procurement Manager

**CITY OF SAN BERNARDINO**

By: \_\_\_\_\_  
Allen Parker  
City Manager

Date: \_\_\_\_\_

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Gary Saenz  
City Attorney

Attachment: 16-1001476 Mt Vernon bridge MOU [Revision 5] (2619 : Mount Vernon Avenue Viaduct - MOU)

## Exhibit A

### Project Scope:

Mt. Vernon Ave., over BNSF, AMTRAK, UP RR; Replace 4 lane bridge with 4 lane bridge.

### Project Cost Estimate and Funding Shares:

Public Share: 67.6%

Nexus Development Impact Fee Share (DIF, "Development Share" or "Local Share"): 32.4%

Phase	Estimated Cost*	Federal/State Buy-downs***	Public Share	Development Share
<b>Project Alternative &amp; Environmental Documents (PA&amp;ED)**</b>	\$95,000	\$84,103	\$7,366	\$3,531
<b>Plans, Specification and Estimates (PS&amp;E)</b>	\$7,289,265	\$6,453,187	\$565,189	\$270,889
<b>Right-of-Way</b>	\$3,537,700	\$3,131,926	\$274,303	\$131,471
<b>Construction (Including Construction Management)</b>	\$81,464,184	\$72,567,572	\$6,014,110	\$2,882,502
<b>SANBAG Oversight</b>	\$1,250,000	\$0	\$0	\$1,250,000
<b>Total</b>	\$93,636,149	\$82,236,788	\$6,860,968	\$4,538,393

\*Estimated Costs are based on 2012 project scope and estimate without cost escalations

\*\*PA&ED cost incurred after April 2010.

\*\*\*Federal Highway Bridge Program (HBP) and Proposition 1B Local Bridge Seismic Safety Retrofit Program (LSSRP) Funds

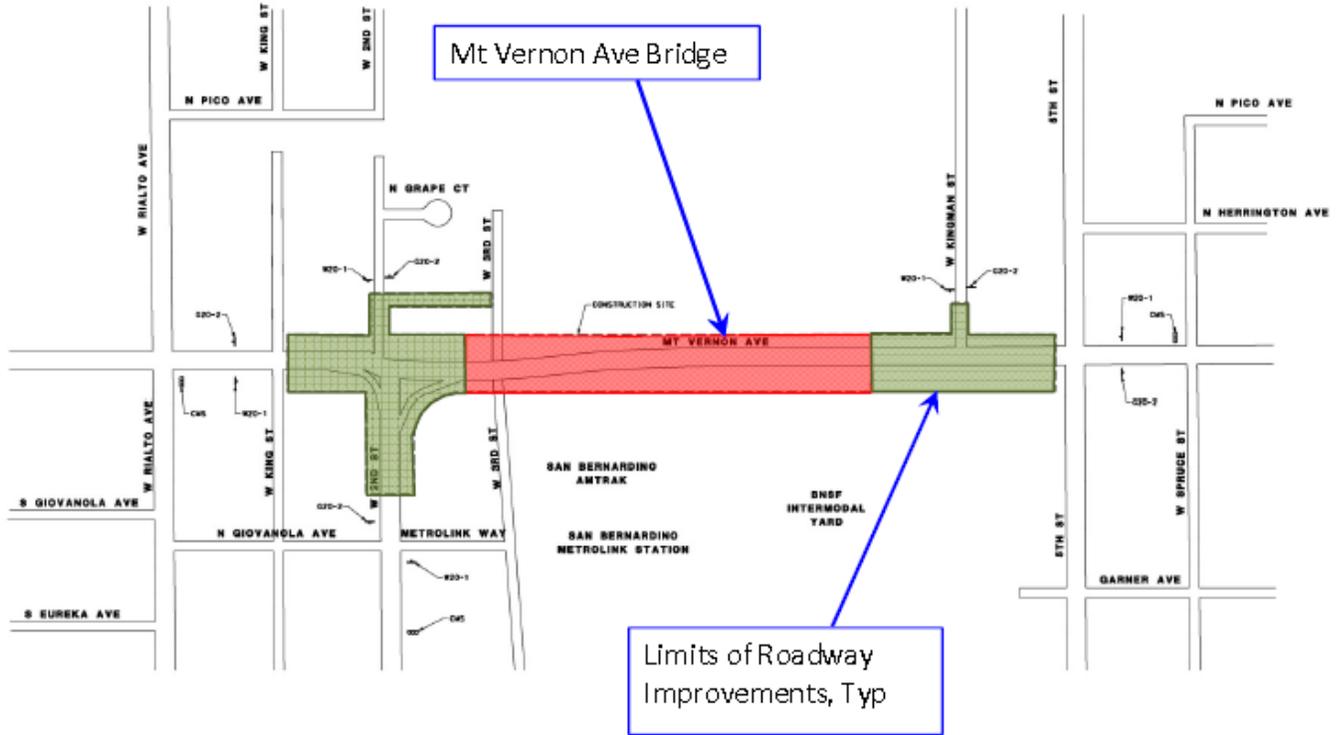
### Project Milestones:

Milestone	Actual (Forecast)
Start of Project	8/2009
Environmental Approval	6/2011
Design Approved/ROW Certified	(10/2019)
Construction Notice to Proceed	(6/2020)
Completed for Beneficial Use	(2/2023)

Exhibit B  
THE MOUNT VERNON BRIDGE REPLACEMENT PROJECT

# Conceptual Layout

## Mt Vernon OH (Replace)



# PLAN

Attachment: 16-1001476 Mt Vernon bridge MOU [Revision 5] (2619 : Mount Vernon Avenue Viaduct - MOU)

## *Minute Action*

AGENDA ITEM: 5

**Date:** *April 14, 2016*

**Subject:**

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

**Recommendation:**

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

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

B. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-025 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Ali M. Yasin and Salam A. Yasin (hereafter “first Yasin property”) (Assessor’s Parcel Number [APN] 1167-141-02; Caltrans Parcel Number [CPN] 23335). The Resolution must be approved by at least a two-thirds majority;

C. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-029 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Ali M. Yasin and Salam A. Yasin (hereafter “second Yasin property”) (APN 1167-231-11; CPN 23344). The Resolution must be approved by at least a two-thirds majority;

D. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-028 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: SDG Investments, LLC (hereafter “SDG Investments property”) (APN 1167-231-20; CPN 23341). The Resolution must be approved by at least a two-thirds majority;

E. Upon completion of a public hearing, that the Board of Directors adopt the Resolution of Necessity No. 16-033 authorizing and directing General Counsel, or her designees, to prepare, commence, and prosecute proceedings in eminent domain for the purpose of acquiring necessary right-of-way and real property interests from: Mark L. Pierce and Jane L. Pierce, Trustees, U.D.T. dated October 31, 2007, The Mark and Jane Pierce Family Trust (hereafter “the Pierce property”)(APN 1167-151-09; CPN 23763). The Resolution must be approved by at least a two-thirds majority.

*Entity: CTC*

***Background:***

Steady progress has been made towards the start of construction on the Interstate 215 (I-215) Barton Road Interchange Improvement Project (Project). One of the remaining critical path items is right-of-way acquisition. The SANBAG Board acting as the San Bernardino County Transportation Commission (Commission) has authorized the acquisition of property necessary for this interchange project. Some parcels are being acquired through negotiated sale. The purpose of this agenda item is to present information regarding the upcoming Hearings for Resolutions of Necessity for four properties needed for construction of the Project which have not reached settlement. The Commission's right-of-way agent, Overland, Pacific & Cutler, Inc. (OPC) presented offers to each property owner. The property owners are: Ali M. Yasin and Salam A. Yasin; SDG Investments, LLC; and Mark L. Pierce and Jane L. Pierce, Trustees, U.D.T. dated October 31, 2007, The Mark and Jane Pierce Family Trust. Although negotiations are ongoing, dialogue with the property owners for the parcels listed has not yet resulted in settlements, and these parcels need to be acquired through eminent domain which requires compliance with a statutorily-prescribed process. During the eminent domain process, the Commission's right-of-way agent will continue to negotiate with the property owners and attempt to achieve negotiated sales for the necessary property interests.

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

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

**1. The public interest and necessity require the Project.**

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

The Project includes the following improvements:

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

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

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

During the environmental phase of the Project three alternatives were studied. The City of Grand Terrace, SANBAG, and Caltrans selected this alternative to construct as it included the least right-of-way impacts to the community and provided the greatest improvement to circulation. The Project is being constructed in phases to maximize the traffic circulation during construction to the greatest extent possible and to minimize right-of-way impacts to adjacent properties. The proposed design minimizes the property required for the Project, but still requires full acquisitions, partial acquisitions, and temporary construction easements. During the design phase, project planners, engineers, and a construction manager/general contractor considered alternative alignments, work windows, and work area reductions that would provide access to adjacent properties where access to those properties would be affected by the Project. Each alternative was assessed based on the needs and constraints of each property owner. Staff and OPC have also had numerous communications with the property owners about their needs in order to design the Project in a manner that causes the least private injury while accomplishing the greatest public good through construction of the Project.

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

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

- A temporary construction easement is needed from the first Yasin property (APN 1167-141-02; CPN 23335). A portion of this property is needed to temporarily accommodate the widening of Barton Road.
- A partial acquisition and temporary construction easement are needed from the second Yasin property (APN 1167-231-11; CPN 23344). A portion of this property is needed to accommodate the widening of Barton Road.
- A partial acquisition and temporary construction easement are needed from the SDG Investments property (APN 1167-231-20; CPN 23341). A portion of this property is needed to accommodate the widening of Barton Road.
- A temporary construction easement is needed from the Pierce property (APN 1167-151-09; CPN 23763). A portion of this property is needed to temporarily accommodate a retaining wall.

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

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

- The offer for the first Yasin property (APN 1167-141-02; CPN 23335) was presented on February 4, 2016.
- The offer for the second Yasin property (APN 1167-231-11; CPN 23344) was presented on February 4, 2016.

Board of Directors Metro Valley Study Session Agenda Item

April 14, 2016

Page 4

- The offer for the SDG Investments property (APN 1167-231-20; CPN 23341) was presented on February 4, 2016.
- The offer for the Pierce property (APN 1167-151-09; CPN 23763) was presented on October 6, 2015.

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

***Financial Impact:***

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

***Reviewed By:***

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

***Responsible Staff:***

Paula Beauchamp, Project Delivery Manager

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Approved  
Board of Directors Metro Valley Study Session  
Date: April 14, 2016  
Witnessed By:

**BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE RECORD – 2016**

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

Communication: Attendance (Additional Information)

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

**BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE RECORD – 2016**

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

Communication: Attendance (Additional Information)

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

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

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

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

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

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

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

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

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

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

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

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

*San Bernardino Associated Governments*



**MISSION STATEMENT**

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

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

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

Approved June 2, 1993  
Reaffirmed March 6, 1996