

AGENDA
Board of Directors Metro Valley Study Session

November 14, 2024

*****Start Time: 9:20 AM*****

Location

San Bernardino County Transportation Authority
First Floor Lobby Board Room
1170 W. 3rd Street, San Bernardino, CA 92410

Board of Directors

Valley Representatives

Study Session Chair

Helen Tran, Mayor
City of San Bernardino

Study Session Vice-Chair

Jesse Armendarez, Supervisor
Second District

Eunice Ulloa, Mayor
City of Chino

Ray Marquez, Council Member
City of Chino Hills

Frank Navarro, Mayor
City of Colton

Acquanetta Warren, Mayor
City of Fontana

Bill Hussey, Mayor
City of Grand Terrace

Larry McCallon, Mayor Pro Tem
City of Highland

Ronald Dailey, Mayor Pro Tem
City of Loma Linda

John Dutrey, Mayor
City of Montclair

Alan Wapner, Council Member
City of Ontario

L. Dennis Michael, Mayor
City of Rancho Cucamonga

Paul Barich, Mayor Pro Tem
City of Redlands

Deborah Robertson, Mayor
City of Rialto

Rudy Zuniga, Council Member
City of Upland

Bobby Duncan, Council Member
City of Yucaipa

Mountain/Desert Representatives

Daniel Ramos, Mayor Pro Tem
City of Adelanto

Art Bishop, Mayor Pro Tem
Town of Apple Valley

Carmen Hernandez, Council Member
City of Barstow

Rick Herrick, Council Member
City of Big Bear Lake

Rebekah Swanson, Mayor Pro Tem
City of Hesperia

Janet Jernigan, Mayor
City of Needles

Joel Klink, Mayor Pro Tem
City of Twentynine Palms

Debra Jones, Council Member
City of Victorville

Rick Denison, Council Member
Town of Yucca Valley

County Board of Supervisors

Paul Cook, *First District*

Curt Hagman, *Fourth District*

Dawn Rowe, *Third District*

Joe Baca, Jr., *Fifth District*

Ex-Officio Member – Catalino Pining, Caltrans

Ray Wolfe, Executive Director

Julianna Tillquist, General Counsel

**San Bernardino County Transportation Authority
San Bernardino Council of Governments**

AGENDA

Board of Directors Metro Valley Study Session

November 14, 2024

9:20 AM

Location

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

Items listed on the agenda are intended to give notice to members of the public of a general description of matters to be discussed or acted upon. The posting of the recommended actions does not indicate what action will be taken. The Board may take any action that it deems to be appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

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 Helen Tran)

- i. Pledge of Allegiance
- ii. Attendance
- iii. Announcements
- iv. Agenda Notices/Modifications - Ashley Izard

Public Comment

Brief Comments from the General Public

Note: Public Comment on items listed on this agenda will be allowed only during this committee meeting. No public comment will be allowed on committee items placed on the Consent Agenda at the Board of Directors meeting. If an item has substantially changed after consideration during the committee meeting, the item will be placed on Discussion for Board and public comment will be allowed.

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 Board of Directors and Committee Members.

INFORMATIONAL ITEMS

Items listed are receive and file items and are expected to be routine and non-controversial. Unlike the Consent Calendar, items listed as Informational Items do not require a vote.

2. Project Delivery Contract Change Orders to On-Going Contracts

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Receive and file Change Order Report.

Presenter: Kristi Harris

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

DISCUSSION ITEMS

Discussion - Administrative Matters

3. 2025 Board of Directors Metro Valley Study Session Meeting Schedule

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Approve the 2025 Board of Directors Metro Valley Study Session meeting schedule.

Presenter: Ashley Izard

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

Discussion - Project Delivery

4. Glen Helen Grade Separation Project Amendment No. 2 to Construction Cooperative Agreement No. 00-1000685

Pg. 33

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

Approve Amendment No. 2 to Construction Cooperative Agreement 00-1000685 with the County of San Bernardino for the Glen Helen Grade Separation Project, committing an additional \$1,688,265 in Measure I Valley Major Street Projects Program Grade Separation Sub-program funds, increasing the total SBCTA Public Share contribution to \$16,463,995, including \$7,603,730 in Measure I Valley Major Street Projects Program Bond funds and \$7,172,000 in Proposition 1B Trade Corridors Improvement Funds, which were both previously expended.

Presenter: Sal Chavez

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel and Enterprise Risk Manager have reviewed this item and the draft amendment.

5. Fiscal Year 2024/2025 Active Transportation Program Budget Amendment

Pg.41

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

Approve an amendment to the Fiscal Year 2024/2025 Budget for Task No. 0860 – Arterial Projects to increase the Active Transportation Program (Fund 2070) by \$2,170,910 and to decrease the Surface Transportation Program (Fund 2010) by \$2,170,910.

Presenter: Juan Lizarde

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

6. Interstate 10 Mount Vernon Avenue Interchange Improvement Project Amendment No. 4 to Contract No. 18-1001869 with Kimley-Horn and Associates, Inc.

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

Approve Amendment No. 4 to Contract No. 18-1001869 with Kimley-Horn and Associates, Inc., for the Interstate 10 Mount Vernon Avenue Interchange Improvement Project, amending the scope of work and increasing the contract value by \$283,077.46, to be funded with Measure I Valley Interchange Program funds and City of Colton funds, for a new not-to-exceed amount of \$4,489,418.67.

Presenter: Juan Lizarde

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel, Enterprise Risk Manager, and Procurement Manager have reviewed this item and the draft amendment.

7. Interstate 10 Contract 1 Landscape Project Release of Invitation for Bids No. 24-1003144 and Award Contract Task Order No. 12 to Contract No. 22-1002707

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

A. Authorize the Executive Director, or his designee, to release Invitation for Bids No. 24-1003144 for the construction of Interstate 10 Contract 1 Landscape Project, subject to final approval of the Plans, Specifications, and Estimates package, and approval as to form by SBCTA General Counsel, or her designee.

B. Award Contract Task Order No. 12 to Contract No. 22-1002707 with TRC Engineers, Inc., for Construction Management Services for the Interstate 10 Contract 1 Landscape Project, in an amount not-to-exceed \$1,535,283.78.

C. Approve a contingency amount of \$153,528.38 for Contract Task Order No. 12 to Contract No. 22-1002707, and authorize the Executive Director, or his designee, to release contingency as necessary for the project.

Presenter: Juan Lizarde

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel, Procurement Manager and Enterprise Risk Manager have reviewed this item and the draft IFB.

Discussion - Express Lanes

8. Interstate 10 Corridor Freight and Express Lanes Project - Contract 1 Amendments and Funding Update

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

A. Authorize the Executive Director, or his designee, to execute Amendment No. 6 to Cooperative Agreement No. 17-1001736 with California Department of Transportation (Caltrans) for the Design-Build and Right-of-Way (ROW) phases of the Interstate 10 (I-10) Corridor Freight and Express Lanes Project - Contract 1 (Project) reflecting funding changes between phases, as detailed in Table 1 – Funding Plan Update, resulting in a decrease of Measure I funding of \$199,548 for a new cooperative agreement total of \$872,536,198, upon approval as to form by SBCTA General Counsel.

Agenda Item 8 (Cont.)

B. Approve a contingency reduction in the amount of \$1,000,000 to Contract No. 16-1001530 with HNTB Corporation, for Project and Construction Management services for the Project, for a total remaining contingency of \$2,000,129.

C. Authorize the Executive Director, or his designee, to negotiate and execute ROW agreements to accommodate I-10 improvements for properties bearing Assessor Parcel Numbers 1008-26-145, 1009-14-443, 0108-50-150, 0108-38-207, and 0108-50-146, which are estimated not-to-exceed \$200,000 per property, upon approval as to form by legal counsel.

D. Approve Project budget shifts as shown within Table 1 - Funding Plan Update.

E. Authorize the Executive Director, or his designee, to approve Amendment No. 1 to Contract Task Order No. 6 for Contract No. 23-1002995 to Costin Public Outreach Group, Inc. to provide ongoing marketing support for the Project, increasing the not-to-exceed amount by \$192,500 for a new not-to-exceed amount of \$602,500.

Presenter: Timothy Byrne

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel, Enterprise Risk Manager, and Procurement Manager have reviewed this item and the draft amendment.

Discussion - Transportation Programming and Fund Administration

9. Interstate 10/Riverside Avenue Interchange Phase 2 Project Amendment No. 1 to Funding Agreement No. 22-1002725 with City of Rialto

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

A. Allocate an additional \$670,025 in Valley Freeway Interchange funds to the City of Rialto for the Interstate 10 (I-10)/Riverside Avenue Interchange Phase 2 Project.

B. Approve Amendment No. 1 to Funding Agreement No. 22-1002725 with the City of Rialto for the I-10/Riverside Avenue Interchange Phase 2 Project increasing the Measure I Valley Freeway Interchange Program funds by \$670,025 for a total of \$5,863,181.

Presenter: Andrea Zureick

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel and the Enterprise Risk Manager have reviewed this item and the draft amendment.

Discussion - Regional/Subregional Planning

10. Draft Strategies for the Long Range Multimodal Transportation Plan

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Receive a presentation on the Draft Long Range Multimodal Transportation Plan and the Strategic Priority Action Plan.

Presenter: Ginger Koblasz

This item is not scheduled for review by any other policy committee or technical advisory committee. This item was reviewed by stakeholder working groups on August 20, 2024 and August 29, 2024 and by the public in virtual meetings on September 17, 2024 and September 19, 2024.

Comments from Board Members

Brief Comments from Board Members

ADJOURNMENT

Additional Information

Attendance

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Acronym List

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Mission Statement

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**The next Board of Directors Metro Valley Study Session is scheduled
for December 12, 2024**

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 & Language Assistance - The meeting facility is accessible to persons with disabilities. A designated area is reserved with a microphone that is ADA accessible for public speaking. A designated section is available for wheelchairs in the west side of the boardroom gallery. If assistive listening devices, other auxiliary aids or language assistance 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 can be reached by phone at (909) 884-8276 or via email at clerkoftheboard@gosbcta.com and office is located at 1170 W. 3rd Street, 2nd Floor, San Bernardino, CA.

Service animals are permitted on SBCTA's premises. The ADA defines service animals as dogs or miniature horses that are individually trained to do work or perform tasks for people with disabilities. Under the ADA, service animals must be harnessed, leashed, or tethered, unless these devices interfere with the service animal's work, or the individual's disability prevents using these devices. In that case, the individual must maintain control of the animal through voice, signal, or other effective controls.

Accesibilidad y asistencia en otros idiomas - Las personas con discapacidad pueden acceder a la sala de reuniones. Se reserva una zona designada con un micrófono accesible que cumple con los requisitos de la ADA para hablar en público. Una sección designada está disponible para sillas de ruedas en el lado oeste de la galería de la sala de reuniones. Si se necesitan dispositivos de ayuda auditiva, otras ayudas auxiliares o servicios de asistencia en otros idiomas para participar en la reunión pública, las solicitudes deben presentarse al Secretario de la Junta al menos tres (3) días hábiles antes de la fecha de la reunión de la Junta. Puede comunicarse con el Secretario llamando al (909) 884-8276 o enviando un correo electrónico a clerkoftheboard@gosbcta.com. La oficina se encuentra en 1170 W. 3rd Street, 2nd Floor, San Bernardino, CA.

Los animales de servicio están permitidos en las instalaciones de SBCTA. La ADA define a los animales de servicio como perros o caballos miniatura que son entrenados individualmente para hacer trabajo o realizar tareas para personas con discapacidades. Según la ADA, los animales de servicio deben tener un arnés o ser atados, a menos que estos dispositivos interfieran con el trabajo del animal de servicio, o que la discapacidad de la persona impida el uso de estos dispositivos. En ese caso, la persona debe mantener el control del animal a través de su voz, señales u otros controles efectivos.

Agendas – All agendas are posted at www.gosbcta.com/board/meetings-agendas/ at least 72 hours in advance of the meeting. Staff reports related to agenda items may be reviewed online at that web address. Agendas are also posted at 1170 W. 3rd Street, 1st Floor, San Bernardino at least 72 hours in advance of the meeting.

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 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 President of the Board or Committee Chair (“President”) will announce the subject matter of the closed session. If reportable action is taken in closed session, the President shall 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, except Board agenda items that were previously considered at a Policy Committee meeting where there was an opportunity for public comment. Individuals in attendance at SBCTA who desire to speak on an item may complete and turn in a "Request to Speak" form, specifying each item an individual wishes to speak on. Individuals may also indicate their desire to speak on an agenda item when the President asks for public comment. When recognized by the President, speakers should be prepared to step forward and announce their name 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 President 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. Any individual who wishes to share written information with the Board may provide 35 copies to the Clerk of the Board for distribution. If providing written information for distribution to the Board, such information must be emailed to the Clerk of the Board, at clerkoftheboard@gosbcta.com, no later than 5:00 pm the day before the meeting in order to allow sufficient time to distribute the information. Information provided as public testimony is not read into the record by the Clerk. Consent Calendar items can be pulled at Board member request and will be brought up individually at the specified time in the agenda. Any consent item that is pulled for discussion shall be treated as a discussion item, allowing further public comment on those items.

Public Comment –An opportunity is also provided for members of the public to speak on any subject within the Board’s jurisdiction. Matters raised under “Public Comment” will not be acted upon at that meeting. See, “Public Testimony on an Item,” above.

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 President 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!

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

Attendance.

- The President of the Board or Chair of a Policy Committee (Chair) has the option of taking attendance by Roll Call. 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.
- 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.
- Votes at teleconferenced meetings shall be by roll call, pursuant to the Brown Act, or, at any meeting, upon the demand of five official representatives present or at the discretion of the presiding officer.

The Vote as specified in the SBCTA Administrative Code and 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. (Note that Alternates may vote only at meetings of the Board of Directors, Metro Valley Study Session and Mountain/Desert Policy Committee.)

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 Chair shall ask the maker of the original motion if he or 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 voted upon first, and if it fails, then the original motion is considered.
- 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 may require deviation from general practice (but not from the Brown Act or agency policy).
- 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

Revised May 4, 2016

Revised June 7, 2023

Minute Action

AGENDA ITEM: 1

Date: *November 14, 2024*

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 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
4	00-1000685-02	County of San Bernardino	None
6	18-1001869-04	Kimley-Horn and Associates, Inc. <i>Dennis Landaal</i>	Arellano Associates Epic Land Solutions Fehr and Peers Geocon Incorporated ICF Towill Surveying Mapping TY Lin International VMS Inc.
7	22-1002707 CTO No. 12	TRC Engineers, Inc. <i>Steve Quezada</i>	ABBA Project Management Arcadis U.S., Inc. Atkins North America Inc. ARE/Project Management CALIWORKS, LLC David Evans and Associates, Inc. Dynamic Engineering Services, Inc. EPIC Land Solutions, Inc. EXP U.S. Services, Inc. FCG Consultants Ghirardelli Associates, Inc. Guida Surveying, Inc.

Entity: San Bernardino Council of Governments, San Bernardino County Transportation Authority

Board of Directors Metro Valley Study Session Agenda Item

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7 Cont.			Kleinfelder, Inc. Kleinfelder Construction Services, Inc Leatherman Bioconsulting Leighton Consulting, Inc. Meadows Consulting MNS Engineers, Inc. Ninyo & Moore PPM Group, Inc. RailPros, Inc. Reddy Engineering Services, Inc. SYRUSA Engineering, Inc. WSP USA ZT Consulting Group, Inc.
8	17-1001736-06	California Department of Transportation	None
	16-1001530 Contingency	HNTB Corporation <i>Kevin Haboian</i>	Advanced Civil Technologies, Inc. Environmental Science Associates GCAP Services, Inc. HDR Engineering, Inc. Leighton Consulting, Inc. Overland, Pacific & Cutler, Inc. Psomas Safework, Inc. Syrusa Engineering, Inc.
	23-1002995 CTO No. 6.1	Costin Public Outreach Group, Inc. <i>Sara Costin Mockus</i>	Greenway Group AJ Designs FM3 Alphavu Geographics Lazar Translation Services Become Intertwined

Item No. 8 Cont. – Interstate 10 Corridor Freight and Express Lanes Project	
APN#	Principals & Agents
1008-26-145	Church of Christ
1009-14-443	Cimmaron Oaks
0108-50-150	Cubalmart
0108-38-207	Royce Fernwood LLC
0108-50-146	W & W Ontario Partners LLC

Item No.	Contract No.	Principals & Agents	Subcontractors
9	22-1002725-01	City of Rialto	None

Financial Impact:

This item has no direct impact on the budget.

Reviewed By:

This item is prepared for review by Board of Directors and Committee Members.

Responsible Staff:

Kristi Harris, Director of Project Delivery

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

Minute Action

AGENDA ITEM: 2

Date: *November 14, 2024*

Subject:

Project Delivery Contract Change Orders to On-Going Contracts

Recommendation:

Receive and file Change Order Report.

Background:

San Bernardino County Transportation Authority (SBCTA) Department of Project Delivery has 12 on-going construction contracts, of which six have had Construction Change Orders (CCO) approved since the last reporting to the Board of Directors Metro Valley Study Session on October 10, 2024. The CCOs are listed below:

A. Contract No. 19-1002078 with Guy F. Atkinson Construction, LLC, for the State Route (SR) 210 Lane Addition, Base Line Interchange and Pavement Rehabilitation Project: There are no newly executed CCOs since last report.

B. Contract No. 19-1002196 with Security Paving Company, Inc., for the SR 60 Central Avenue Interchange Project: There are no newly executed CCOs since last report.

C. Contract No. 19-1002026 with Diversified Landscape Company, for the Interstate 215 Segments 1, 2 and 3 Establish Existing Planting Project: There are no newly executed CCOs since last report.

D. Contract No. 17-1001599 with Lane-Security Paving Joint Venture, for the Interstate 10 (I-10) Corridor Contract 1 Design Build Contract:

1) CCO 155: Additional work and repair of waterline. (\$5,659)

2) CCO 157: Toll pad repair work due to vandalism. (\$16,262)

E. Contract 23-1002869 with SEMA Construction, Inc., for the I-10 Eastbound Truck Climbing Lane:

1) CCO 11: Remove existing drainage inlets, manholes, and pipes. (\$30,000)

2) CCO 14: Modification to drainage system. (-\$69,230)

3) CCO 15: Just in time training. (\$3,000)

F. Contract 16-1001461 with Pulice Construction, Inc., for the Monte Vista Avenue Grade Separation Project: There are no newly executed CCOs since last report.

G. Contract No. 18-1001966 with Traylor-Granite Joint Venture, for the Mount Vernon Avenue Viaduct Project Design Build: There are no newly executed CCOs since last report.

H. Contract No. 20-1002290 with SEMA Construction, Inc., for the I-10 University Street Interchange Improvements Project: There are no newly executed CCOs since last report.

Entity: San Bernardino County Transportation Authority

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I. Contract No. 21-1002620 with Ortiz Enterprises, Inc., for the I-10 Alabama Street Interchange Improvements Project:

- 1) CCO 10.1: De-obligation of remaining funds for manual irrigation. (-\$7,005.27)
- 2) CCO 16.1: De-obligation of remaining funds for repair of drainage systems. (-\$10,929.67)
- 3) CCO 19: Increase and decrease in bid items. (-\$215,413.82)

J. Contract No. 23-1002919 with Griffith Company, for the Construction of the Metrolink Active Transportation Program Phase II Project:

- 1) CCO 5: Two sack slurry. (\$3,200)
- 2) CCO 6: Bioswale drainage addition along bike path. (\$46,000)

K. Contract No. 22-1002784 with Security Paving Company, Inc., for the I-10 Cedar Avenue Improvement Project:

- 1) CCO 49: Value engineering change proposal, Cedar Avenue overhead bridge. (-\$127,960.74)
- 2) CCO 58: Drainage modifications at sound wall 690. (\$30,000)

L. Contract No. 22-1002780 with Skanska USA Civil West California District, Inc., for the North 1st Avenue Bridge Over BNSF Project:

- 1) CCO 19.1: Barrier end treatments. (\$84,340)

Financial Impact:

This item imposes no financial impact, as all CCOs are within previously approved contingency amounts under: Task No. 0830 Interchange Projects and Task No. 0820 Freeway Projects, Sub-Task No. 0823 I-10 Corridor Contract 1, Sub-Task No. 0854 I-10 Eastbound Truck Climbing Lane, Sub-Task No. 0811 North 1st Avenue over BNSF, Sub-Task No. 0810 Metrolink ATP, and Sub-Task No. 0895 I-10 Alabama.

Reviewed By:

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

Responsible Staff:

Kristi Harris, Director of Project Delivery

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

Project Delivery Contracts Executed Change Orders		
Number	Description	Amount
SR 210 Lane Addition, Base Line Interchange and Pavement Rehabilitation (19-1002078)		
Number	Description	Amount
	CCO Total	\$24,789,630.30
	Approved Contingency	\$34,927,790.07
	Remaining Contingency	\$10,138,159.77
SR 60 Central Avenue Interchange (19-1002196)		
Number	Description	Amount
	CCO Total	\$1,457,424.91
	Approved Contingency	\$2,912,039.00
	Remaining Contingency	\$1,454,614.09
I-215 Segments 1, 2 & 3 Establish Existing Planting (19-1002026)		
Number	Description	Amount
	CCO Total	\$148,743.56
	Approved Contingency	\$1,451,300.00
	Remaining Contingency	\$1,302,556.44
I-10 Corridor Contract 1 (17-1001599)		
Number	Description	Amount
155	Additional work and repair of waterline.	\$5,659.00
157	Toll pad repair work due to vandalism.	\$16,262.00
	CCO Total	\$17,740,332.61
	Approved Contingency	\$51,369,000.00
	Remaining Contingency	\$33,628,667.39

Attachment: MVSS CCO Log Project Delivery Projects (11027 : Project Delivery Contract Change Orders to On-Going Contracts)

Project Delivery Contracts Executed Change Orders		
Number	Description	Amount
I-10 Eastbound Truck Climbing Lane (23-1002869)		
Number	Description	Amount
11	Remove existing drainage inlets, manholes, and pipes.	\$30,000.00
14	Modification to drainage system.	(\$69,230.00)
15	Just in time training.	\$3,000.00
	CCO Total	\$978,324.37
	Approved Contingency	\$3,731,253.00
	Remaining Contingency	\$2,752,928.63
Monte Vista Avenue Grade Separation (16-1001461)		
Number	Description	Amount
	CCO Total	\$869,302.95
	Approved Contingency	\$2,498,958.60
	Remaining Contingency	\$1,629,655.65
Mount Vernon Avenue Viaduct (18-1001966)		
Number	Description	Amount
	CCO Total	\$15,063,976.99
	Approved Contingency	\$17,230,000.00
	Remaining Contingency	\$2,166,023.01
I-10 University Street Interchange Improvements (20-1002290)		
Number	Description	Amount
	CCO Total	\$1,211,725.45
	Approved Contingency	\$1,500,590.00
	Remaining Contingency	\$288,864.55
I-10 Alabama Street Interchange Improvements (21-1002620)		
Number	Description	Amount
10.1	De-obligation of remaining funds for manual irrigation.	(\$7,005.27)
16.1	De-obligation of remaining funds for repair of drainage systems.	(\$10,929.67)
19	Increase and decrease in bid items.	(\$215,413.82)
	CCO Total	\$727,529.33
	Approved Contingency	\$1,338,886.33
	Remaining Contingency	\$611,357.00

Attachment: MVSS CCO Log Project Delivery Projects (11027 : Project Delivery Contract Change Orders to On-Going Contracts)

Project Delivery Contracts Executed Change Orders		
Number	Description	Amount
Metrolink Active Transportation Program Phase II Project (23-1002919)		
Number	Description	Amount
5	Two sack slurry.	\$3,200.00
6	Bioswale addition along bike path.	\$46,000.00
	CCO Total	\$69,200.00
	Approved Contingency	\$900,661.70
	Remaining Contingency	\$831,461.70
I-10 Cedar Avenue Improvement (22-1002784)		
Number	Description	Amount
49	Value engineering change proposal - Cedar Avenue overhead bridge.	(\$127,960.74)
58	Drainage modifications at sound wall 690.	\$30,000.00
	CCO Total	(\$1,117,589.29)
	Approved Contingency	\$8,098,400.00
	Remaining Contingency	\$16,158.80
North 1st Avenue Bridge Over BNSF (22-1002780)		
Number	Description	Amount
19.1	Barrier end treatments.	\$84,340.00
	CCO Total	\$1,325,248.77
	Approved Contingency	\$3,561,922.00
	Remaining Contingency	\$2,236,673.23

Attachment: MVSS CCO Log Project Delivery Projects (11027 : Project Delivery Contract Change Orders to On-Going Contracts)

Minute Action

AGENDA ITEM: 3

Date: *November 14, 2024*

Subject:

2025 Board of Directors Metro Valley Study Session Meeting Schedule

Recommendation:

Approve the 2025 Board of Directors Metro Valley Study Session meeting schedule.

Background:

The San Bernardino County Transportation Authority (SBCTA) Board of Directors Metro Valley Study Session (MVSS) regular meeting schedule is on the Thursday of the week following the Board of Directors meeting, which is usually the second Thursday of the month, with a typical start time between 9:10 a.m. and 10:00 a.m. in the 1st Floor Lobby Board Room at the Santa Fe Depot. Although a monthly schedule is adopted, it is acknowledged that when there are not sufficient business items to require a meeting, the meeting will be cancelled. It has also been the practice to modify the meeting date and time when the meeting has been rescheduled due to conflicts with other meetings or holiday schedules. SBCTA staff, however, has been directed to make every effort to minimize deviation from the regular schedule to ensure continuity of meetings and participation.

A quorum of the Board at the MVSS is the same as the quorum of the Board of Directors. If less than a quorum of the Board is in attendance, the Board members in attendance may consider, discuss, and make recommendations to the Board regarding items on the MVSS agenda for Board action at its regular meetings.

A proposed 2025 meeting schedule is identified below for approval. Board members and staff are urged to calendar these meetings for the coming year. Advance confirmation of meetings or cancellation notices are part of SBCTA’s standard procedure for meeting preparation. The proposed meeting schedule does conform to the second Thursday of each month, the week following the Board of Directors meeting.

The proposed 2025 MVSS meeting dates are as follows:

January 16, 2025*	July 10, 2025 (DARK)
February 13, 2025	August 14, 2025
March 13, 2025	September 11, 2025
April 10, 2025	October 16, 2025**
May 15, 2025*	November 13, 2025
June 12, 2025	December 11, 2025

**This date falls on the 3rd Thursday of the month.*

***This meeting will be moved to the 3rd Thursday due to a conflict with the League of California Cities Annual Conference.*

Financial Impact:

This item has no financial impact on the adopted Budget for Fiscal Year 2024/2025.

Entity: San Bernardino Council of Governments, San Bernardino County Transportation Authority

Board of Directors Metro Valley Study Session Agenda Item

November 14, 2024

Page 2

Reviewed By:

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

Responsible Staff:

Ashley Izard, Deputy Clerk of the Board

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

San Bernardino Council of Governments
San Bernardino County Transportation Authority

SBCTA / SBCOG 2025 Master Calendar

~ January 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
NOTES: *The Board meeting will be held on the 2 nd Wednesday due to Holiday. **The CCMTAC meeting will be held on the 2 nd Thursday due to Holiday. ***This meeting falls on the 3 rd Wednesday of the month. ****This meeting falls on the 3 rd Thursday of the month.			1 New Year's Holiday	2 SCAG Regional Council	3	4
5	6	7 Orthodox Christmas	8 *Board	9 **City/County Manager's TAC	10	11
12	13	14 Orthodox New Year	15 ***General Policy Committee ***Legislative Policy Committee LAFCO Hearing	16 ****Transit Committee ****Metro Valley Study Session	17 Mt/Desert Policy Committee	18
19	20 Martin Luther King Jr. Holiday	21	22	23	24	25
26	27	28	29 League of CA Cities New Mayors & Council Members Academy	30 League of CA Cities New Mayors & Council Members Academy	31 League of CA Cities New Mayors & Council Members Academy	

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ February 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5 Board	6 SCAG Regional Council	7	8
9	10	11	12 General Policy Committee Legislative Policy Committee	13 Transit Committee Metro Valley Study Session	14	15
16	17 Presidents' Day Holiday	18	19 LAFCO Hearing	20	21 Mt/Desert Policy Committee	22
23	24	25	26	27	28 Ramadan	

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ March 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 NACo Legislative Conference Ramadan
2 NACo Legislative Conference Ramadan	3 NACo Legislative Conference Ramadan	4 NACo Legislative Conference Ramadan	5 Board Ramadan	6 City/County Manager's TAC SCAG Regional Council Ramadan	7 Ramadan	8 Ramadan
9 Daylight Savings Time Begins Ramadan	10 Ramadan	11 Ramadan	12 General Policy Committee Legislative Policy Committee Ramadan	13 Transit Committee Metro Valley Study Session Ramadan	14 Ramadan	15 Ramadan
16 Ramadan	17 Ramadan	18 Ramadan	19 LAFCO Hearing Ramadan	20 Ramadan	21 Mt/Desert Policy Committee Ramadan	22 Ramadan
23 Ramadan	24 Ramadan	25 Ramadan	26 Ramadan	27 Laylat al-Qadr Ramadan	28 Ramadan	29 Ramadan
30 Ramadan	31 Cesar Chavez Day					

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
 General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
 Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
 Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ April 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 Board	3 SCAG Regional Council	4	5
6	7	8	9 General Policy Committee Legislative Policy Committee	10 Transit Committee Metro Valley Study Session	11	12 Passover
13 Passover	14 Passover	15 Passover	16 LAFCO Hearing Passover	17 Passover	18 Mt/Desert Policy Committee Good Friday Passover	19 Passover
20 Easter Passover	21	22	23	24	25	26
27	28	29	30			

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ May 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
NOTES: *City/County Manager's TAC cancelled due to conflict with SCAG General Assembly. **This meeting falls on the 3 rd Thursday of the month.				1 *City/County Manager's TAC (CANCELLED) SCAG Regional Council SCAG General Assembly	2 SCAG General Assembly	3
4	5	6	7 Board	8 City/County Conference (Tentative)	9 City/County Conference (Tentative)	10
11	12	13	14 General Policy Committee Legislative Policy Committee	15 **Transit Committee **Metro Valley Study Session	16 Mt/Desert Policy Committee	17
18	19	20	21 LAFCO Hearing	22	23	24
25	26 Memorial Day Holiday	27	28	29	30	31

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
 General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
 Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
 Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ June 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Shavuot (begins sunset)	2 Shavuot	3 Shavuot (ends nightfall)	4 Board	5 SCAG Regional Council	6 Eid al-Adha	7 Eid al-Adha
8	9	10	11 General Policy Committee Legislative Policy Committee	12 Transit Committee Metro Valley Study Session	13	14
15	16	17	18 LAFCO Hearing	19 Juneteenth Holiday US Conference of Mayors	20 Mt/Desert Policy Committee US Conference of Mayors	21 US Conference of Mayors
22 US Conference of Mayors	23	24	25	26	27 Muharram	28
29	30					

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ July 2025~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
NOTES: *No policy committee meetings.		1	2 Board	3 *City/County Manager's TAC (DARK) SCAG Regional Council	4 Independence Day Holiday	5
6	7	8	9 *General Policy Committee (DARK) *Legislative Policy Committee (DARK)	10 *Transit Committee (DARK) *Metro Valley Study Session (DARK)	11 NACo Annual Meeting	12 NACo Annual Meeting
13 NACo Annual Meeting	14 NACo Annual Meeting	15	16 LAFCO Hearing	17	18 *Mt/Desert Policy Committee (DARK)	19
20	21	22	23	24	25	26
27	28	29	30	31		

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ August 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
NOTES: *No Board Meeting.					1	2
3	4	5	6 *Board (DARK)	7 SCAG Regional Council (DARK)	8	9
10	11	12	13 General Policy Committee Legislative Policy Committee	14 Transit Committee Metro Valley Study Session	15 Mt/Desert Policy Committee	16 Janmashtami
17	18	19	20 LAFCO Hearing	21	22	23
24	25	26	27	28	29	30
31						

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ September 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Labor Day Holiday	2	3 Board	4 City/County Manager's TAC SCAG Regional Council	5 Prophet Muhammad's Birthday	6
7	8	9	10 General Policy Committee Legislative Policy Committee	11 Transit Committee Metro Valley Study Session	12 Mobility 21 Summit	13
14	15	16	17 LAFCO Hearing	18	19 Mt/Desert Policy Committee	20
21	22 Navratri Rosh Hashanah (Start)	23 Rosh Hashanah (Cont.)	24 Rosh Hashanah (Ends)	25	26	27
28	29	30				

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ October 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
NOTES: *This meeting will be held on the 3 rd Thursday due to a conflict with the League of CA Cities Annual Conference.			1 Board Yom Kippur	2 SCAG Regional Council Yom Kippur	3	4
5	6 Sukkot	7 Sukkot	8 General Policy Committee Legislative Policy Committee League of CA Cities Annual Conference Sukkot	9 League of CA Cities Annual Conference Sukkot	10 League of CA Cities Annual Conference Sukkot	11 Sukkot
12 Sukkot	13 Columbus Day Sukkot Shemini Atzeret	14 Shemini Atzeret Simchat Torah	15 LAFCO Hearing Simchat Torah	16 *Transit Committee *Metro Valley Study Session	17 Mt/Desert Policy Committee	18
19	20	21 Diwali	22	23	24	25
26	27	28	29	30	31 Halloween	(Empty)

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
 General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
 Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
 Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ November 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
NOTES: *This is a tentative date since we do not have any information on when the CSAC Annual Meeting will take place.						1
2 Daylight Savings Time Ends	3	4	5 Board	6 City/County Manager's TAC SCAG Regional Council	7	8
9	10	11 Veteran's Day Holiday	12 General Policy Committee Legislative Policy Committee	13 Transit Committee Metro Valley Study Session	14	15
16	17 *CSAC Annual Meeting (Tentative)	18 *CSAC Annual Meeting (Tentative)	19 LAFCO Hearing *CSAC Annual Meeting (Tentative)	20 *CSAC Annual Meeting (Tentative)	21 Mt/Desert Policy Committee *CSAC Annual Meeting (Tentative)	22
23	24	25	26	27 Thanksgiving Day Holiday	28 Thanksgiving Day After	29
30						

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

SBCTA / SBCOG 2025 Master Calendar

~ December 2025 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3 Board	4 SCAG Regional Council	5	6
7	8	9	10 General Policy Committee Legislative Policy Committee	11 Transit Committee Metro Valley Study Session	12 *Mt/Desert Policy Committee	13
14	15	16	17 LAFCO Hearing	18	19	20
Hanukkah	Hanukkah	Hanukkah	Hanukkah	Hanukkah	Hanukkah	Hanukkah
21	22	23	24 Christmas Eve Holiday	25 Christmas Day Holiday	26 Kwanzaa	27 Kwanzaa
Hanukkah	Hanukkah					
28	29	30	31 New Year's Eve Holiday	NOTES: *This meeting will be held on the 2 nd Friday due to Holidays.		
Kwanzaa	Kwanzaa	Kwanzaa	Kwanzaa			

Attachment: 2025 Master Meeting Calendar (10945 : 2025 MVSS Meeting Schedule)

Board of Directors meetings start at 10:00 a.m.
General Policy Committee starts at 9:00 a.m.

Legislative Policy Committee starts at 9:30 a.m.
Transit Committee starts at 9:00 a.m.

Metro Valley Study Session starts at 9:30 a.m.
Mountain/Desert Committee starts at 9:30 a.m.

Minute Action

AGENDA ITEM: 4

Date: *November 14, 2024*

Subject:

Glen Helen Grade Separation Project Amendment No. 2 to Construction Cooperative Agreement No. 00-1000685

Recommendation:

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

Approve Amendment No. 2 to Construction Cooperative Agreement 00-1000685 with the County of San Bernardino for the Glen Helen Grade Separation Project, committing an additional \$1,688,265 in Measure I Valley Major Street Projects Program Grade Separation Sub-program funds, increasing the total SBCTA Public Share contribution to \$16,463,995, including \$7,603,730 in Measure I Valley Major Street Projects Program Bond funds and \$7,172,000 in Proposition 1B Trade Corridors Improvement Funds, which were both previously expended.

Background:

The San Bernardino County Transportation Authority (SBCTA) Board of Directors (Board) approved Construction Cooperative Agreement C12229 (Contract No. 00-1000685) with the County of San Bernardino (County) at its July 11, 2012, meeting. This agreement specified roles and responsibilities as well as funding commitments for the Glen Helen Grade Separation Project (Project). On April 1, 2015, Amendment No. 1 was approved incorporating BNSF Railway \$2,320,000 buy down and Project cost increase of \$3,050,000.

The Project consists of the construction of the grade separation as Phase 1 and a final tie-in to the ultimate alignment as Phase 2. The agreement specified the County as lead agency for administration of the construction phases of the Project and committed SBCTA to providing Trade Corridors Improvement Funds of \$7,172,000 and an overall fund share of 72.2% of public share costs of the Project for a total of \$14,775,730.

The purpose of this amendment is to proceed with the storm drain work that was originally planned as part of the grade separation agreement. However, due to delays in obtaining the necessary environmental permits, the storm drain work has been on hold. It was understood that the storm drain work would be carried out in conjunction with the Glen Helen Bridge Project. The San Bernardino County Public Works Department is moving forward with the construction of the Glen Helen Bridge Project over Cajon Wash, and the County intends to merge the storm drain work with this project.

Construction costs for the storm drain work, including flagging cost, is estimated to be \$4,000,000. SBCTA's share of this cost is \$2,800,000 (72.2%). However, SBCTA's additional share increase is \$1,688,265. This increase is based on payments already made to the County from SBCTA.

Staff recommends approval of Amendment No. 2 to Construction Cooperative Agreement Contract Number 00-1000685.

Entity: San Bernardino County Transportation Authority

Board of Directors Metro Valley Study Session Agenda Item

November 14, 2024

Page 2

Financial Impact:

This Project is included in the adopted Budget for Fiscal Year 2024/2025 and funded with Measure I 2010-2040 Valley Major Streets funds, in Program 40, Project Delivery, Task 0869.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel and Enterprise Risk Manager have reviewed this item and the draft amendment.

Responsible Staff:

Sal Chavez, Project Delivery Manager

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

AMENDMENT NO. 2

TO

COOPERATIVE AGREEMENT NO. C12229 (Contract No. 00-1000685)

BETWEEN

SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY

AND

COUNTY OF SAN BERNARDINO

FOR

**CONSTRUCTION OF A RAIL-HIGHWAY GRADE SEPARATION ON
GLEN HELEN PARKWAY AT THE BURLINGTON NORTHERN SANTA
FE/UNION PACIFIC RAILWAY IN THE DEVORE AREA**

This AMENDMENT NO. 2 to COOPERATIVE AGREEMENT NO. C12229 (Contract No. 00-1000685) is made and entered into as of the Effective Date by and between the San Bernardino County Transportation Authority (hereinafter referred to as "AUTHORITY"), and the County of San Bernardino (hereinafter referred to as "COUNTY").

RECITALS:

WHEREAS, COUNTY and AUTHORITY have previously entered into Cooperative Agreement No. C08-211 (County Contract No. 08-885) (hereinafter referred to as the "Design Agreement"), which sets forth the responsibilities and obligations of each as they pertain to the environmental clearance and design work, Cooperative Agreement No. C10227 (County Contract No. 10-307) (hereinafter referred to as the "ROW Agreement"), which sets forth the responsibilities and obligations of each as they pertain to the right-of-way work and property acquisition, and Cooperative Agreement No. C12229 (County Contract No. 12-459) (hereinafter referred to as the "Construction Agreement"), which sets forth the responsibilities and obligations of each as they pertain to the construction work associated with the Glen Helen Parkway at Burlington Northern Santa Fe/Union Pacific Railroad Grade Separation project, located in the Devore area (hereinafter referred to as "PROJECT"); and

WHEREAS, COUNTY and AUTHORITY amended the Construction Agreement to document and reconcile all estimated Right-of-Way and Construction phases costs of the PROJECT under a single agreement through completion and closeout of the PROJECT and to increase construction funding as a result of commitment of the participating railroad agencies' to finance a portion of the PROJECT costs, additional flagging services, the discovery during

construction of an unknown underground storage structure that contained unknown hazardous material(s), and additional right-of-way funding needed for ongoing eligible property acquisition expenses that occurred beyond the termination of the ROW Agreement; and

WHEREAS, COUNTY and AUTHORITY anticipate that the Construction Agreement may need to be amended at a future date following completion of the PROJECT to reconcile all actual PROJECT costs for right-of-way and construction phases of the PROJECT; and

WHEREAS, Environmental Clearance and Design have been completed and the Design Agreement has been closed-out and no further PROJECT costs are anticipated to occur for that PROJECT phase; and

WHEREAS, COUNTY and AUTHORITY agree to further amend the Construction Agreement to increase construction funding for the completion of storm drain work (“Southerly PROJECT Work”) necessary to complete the PROJECT.

NOW, THEREFORE, it is hereby agreed to amend Cooperative Agreement No. C12229 (County Contract No. 12-459) between COUNTY and AUTHORITY as follows:

1. Delete Paragraph 1. of Section I, entitled “AUTHORITY AGREES” and replace with the following:

“1. In accordance with the Measure I 2010-2040 Strategic Plan (“Strategic Plan”), to be responsible for 72.2% of the total eligible ROW and CONSTRUCTION expenses that are incurred by COUNTY for an amount not to exceed \$16,463,995, subject to Section III, paragraphs 3, 4, and 7 through 9.”

2. Add Paragraph 14. to Section II, entitled “COUNTY AGREES” as follows:

“14. To include in all contracts between COUNTY and contractors for the Southerly PROJECT Work the requirement that AUTHORITY be named as an additional insured under general liability insurance policies maintained by the contractor for the PROJECT.”

3. Delete Paragraph 2. of Section III, “IT IS MUTUALLY AGREED” and replace it with the following:

“3. That the southerly portion of the PROJECT (“Southerly PROJECT Work”) will be constructed at a later time (not at the same time as the balance of the PROJECT) with the Glen Helen Parkway Bridge over the Cajon Creek project. The estimated cost of this Southerly PROJECT Work, which is also part of this Agreement, is \$4,000,000 and is included in the construction costs (see Revised Attachment “A”).”

4. Delete Paragraph 4. of Section III, “IT IS MUTUALLY AGREED” and replace it with the following:

“4. The final PROJECT cost may ultimately exceed current estimates of PROJECT cost. Any additional eligible costs resulting from increased bid/contract prices or change orders arising from unforeseen conditions, including Utility relocation, over the estimated total of the PROJECT cost of \$25,123,317, shall be borne by each Party in proportion to the public and development shares, as part of the Parties’ respective obligations to pay the cost for the final ROW and CONSTRUCTION Phases, subject to Section III, paragraphs 7 through 9.”

5. Replace Attachment “A” with the Revised Attachment “A” which is attached to this Amendment No. 2 and by this reference incorporated herein; and replace all references to Attachment “A” with Revised Attachment “A” throughout Cooperative Agreement No. C12229 (County Contract No. 12-459).
6. Except as amended by this Amendment No. 2, all other terms and conditions of Cooperative Agreement No. C12229 (County Contract No. 12-459), as previously amended, shall remain in full force and effect.
7. The recitals are incorporated into the body of this Amendment No. 2.
8. This Amendment No. 2 may be signed in counterparts, each of which shall constitute an original.
9. The Effective Date as defined herein is the date on which AUTHORITY executed this Amendment No. 2.

SIGNATURES ON FOLLOWING PAGE:

COUNTY OF SAN BERNARDINO

SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY

►

Dawn M. Rowe, Chair
Board of Supervisors

By ►

Ray Marquez, President
Board of Directors

Date: _____

Date: _____

SIGNED AND CERTIFIED THAT A COPY OF THIS
DOCUMENT HAS BEEN DELIVERED TO THE
CHAIRMAN OF THE BOARD

Clerk of the Board of Supervisors
of the County of San Bernardino

By _____
Deputy

APPROVED AS TO FORM:

APPROVED AS TO FORM:

By: _____
Deputy County Counsel

By: _____
Julianna K. Tillquist
General Counsel

DRAFT

Attachment: 00-1000685 (C12229-02) (10747 : Glen Helen Grade Separation Construction Cooperative Agreement Amendment No. 2)

Revised Attachment “A”

Project Cost and Funding

Proposed Project Phase Work: Right-of-Way and Construction Capital and Support

Summary of Project Phase Costs (Estimate):

Estimated Total Cost	BNSF/UPRR Buy Down	Remaining Balance	Authority Public Share* 72.2%	County Share 27.8%
\$25,123,317	\$2,320,000	\$22,803,317	\$16,463,995	\$6,339,322

* Includes \$7,172,000 of State Proposition 1B Trade Corridor Funds.

DRAFT

Minute Action

AGENDA ITEM: 5

Date: *November 14, 2024*

Subject:

Fiscal Year 2024/2025 Active Transportation Program Budget Amendment

Recommendation:

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

Approve an amendment to the Fiscal Year 2024/2025 Budget for Task No. 0860 – Arterial Projects to increase the Active Transportation Program (Fund 2070) by \$2,170,910 and to decrease the Surface Transportation Program (Fund 2010) by \$2,170,910.

Background:

On January 3, 2024, the San Bernardino County Transportation Authority Board of Directors approved the award of Contract No. 23-1002919 to Griffith Company for the Metrolink Active Transportation Program (ATP) Phase II Project (Project). This Project will improve the pedestrian and bicycle facilities at several Metrolink Stations along the San Bernardino Line. The contract was awarded for an amount not-to-exceed \$7,730,377 and included \$3,170,910 in Surface Transportation Program (STP) Funds as a funding backstop in the case that the California State Transportation Agency did not approve the use of Senate Bill 125 Transit and Intercity Rail Capital Program funds for the Project, which were subsequently approved in July 2024. Project Delivery Department staff is requesting a budget amendment to remove the \$2,170,910 in STP funds that were included in the Fiscal Year 2024/2025 Budget and to increase the ATP funds in the same amount for the Project.

Financial Impact:

A budget amendment is required as described in the Recommendation and described in the background section of this item.

Reviewed By:

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

Responsible Staff:

Juan Lizarde, Project Manager

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

Entity: San Bernardino County Transportation Authority

Minute Action

AGENDA ITEM: 6

Date: *November 14, 2024*

Subject:

Interstate 10 Mount Vernon Avenue Interchange Improvement Project Amendment No. 4 to Contract No. 18-1001869 with Kimley-Horn and Associates, Inc.

Recommendation:

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

Approve Amendment No. 4 to Contract No. 18-1001869 with Kimley-Horn and Associates, Inc., for the Interstate 10 Mount Vernon Avenue Interchange Improvement Project, amending the scope of work and increasing the contract value by \$283,077.46, to be funded with Measure I Valley Interchange Program funds and City of Colton funds, for a new not-to-exceed amount of \$4,489,418.67.

Background:

The Interstate 10 (I-10) Mount Vernon Avenue Interchange Improvement Project (Project) holds position number eight on the Measure I Valley Freeway Interchange Program priority list. As directed by the San Bernardino County Transportation Authority (SBCTA) Board of Directors (Board), project development has commenced on the interchange projects that are in the top 10 of the priority list.

In July 2018, the Board awarded Contract No. 18-1001869 to Kimley-Horn and Associates, Inc., for the Project Approval/Environmental Document, Plans, Specifications, and Estimates, and Right-of-Way (ROW) Engineering Services for the Project.

In March 2020, SBCTA approved Amendment No. 1 to Contract No. 18-1001869 with Kimley-Horn and Associates, Inc., for added scope to prepare a Historical Resources Evaluation Report as required for the Project. In July 2020, Contingency Amendment 1A was approved for Contract No. 18-1001869 to prepare and develop a higher-level environmental document, Initial Study/Mitigated Negative Declaration. In May 2022, Contingency Amendment 1B was approved for Contract No. 18-1001869 to provide additional structural design for retaining walls needed for the Project. In May 2023, the Board approved Amendment No. 2 to Contract No. 18-1001869 to extend the period of performance for an additional five years to June 2028. In November 2023, the Board approved Amendment No. 3 for additional scope of work related to design changes for retaining walls, geotechnical, drainage, ROW engineering, and the interim south terminus and to increase the contract value.

The purpose of this agenda item is to amend the contract with Kimley-Horn and Associates, Inc., for added scope and increase the contract value. After the 95% design was reviewed by the California Department of Transportation (Caltrans), the Project received a large number of comments requiring multiple resolution meetings and two additional 95% submittals of the Plans, Specifications and Estimates. The added scope includes updated environmental studies needed due to the two new species added to the U.S. Fish & Wildlife Service species list. In addition, new structural comments require new submittals and approval by the State Fire Marshal and Federal Highway Administration for work related to the pump station relocation.

Entity: San Bernardino County Transportation Authority

Board of Directors Metro Valley Study Session Agenda Item

November 14, 2024

Page 2

Additional revisions to the drainage trash collection and electrical plans are needed including a presentation to the Caltrans Lane Closure Review Committee. The additional effort required to resolve the numerous comments and prepare additional submittals is above and beyond the original scope of the contract.

Exhibit A-3 in the proposed amendment provides a detailed description of the added scope and Exhibit B-3 provides a cost breakdown for the additional work.

Staff requests approval of Amendment No. 4 to Contract No. 18-1001869 with Kimley-Horn and Associates, Inc., to increase the contract amount by \$283,077.46 for a new not-to-exceed amount of \$4,489,418.67.

Financial Impact:

This Project is included in adopted Budget for Fiscal Year 2024/2025 and funded with Measure I Interchange funds and City of Colton local funds under Task No. 0830 Interchange Projects, Sub-Task No. 0898 I-10 Mt. Vernon Avenue Interchange in Program 40, Project Delivery.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel, Enterprise Risk Manager, and Procurement Manager have reviewed this item and the draft amendment.

Responsible Staff:

Juan Lizarde, Project Manager

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

San Bernardino County Transportation Authority

AMENDMENT NO. 4 TO CONTRACT 18-1001869
FOR
PROJECT REPORTS, ENVIRONMENTAL DOCUMENT,
PLANS, SPECIFICATIONS, AND ESTIMATES SERVICES
FOR THE INTERSTATE 10 & MOUNT VERNON AVENUE INTERCHANGE
PROJECT
(KIMLEY-HORN AND ASSOCIATES, INC.)

This Amendment No. 4 to Contract No. 18-1001869 is made and entered into by and between the San Bernardino County Transportation Authority (“SBCTA”), whose address is 1170 W. 3rd Street, 2nd Floor, San Bernardino, California 92410-1715, and Kimley-Horn and Associates, Inc., (“CONSULTANT”), whose address is 3880 Lemon Street, Suite 420, Riverside, California 92501. SBCTA and CONSULTANT are each a “Party” and collectively the “Parties”.

RECITALS:

- A. On July 26, 2018, SBCTA and CONSULTANT entered into a contract for Project Approval and Environmental Document (PA/ED) and Plans, Specifications and Estimates (PS&E) Services for the Interstate 10 & Mount Vernon Avenue Interchange Project (PROJECT) in the City of Colton (CONTRACT).
- B. In March 2020, SBCTA and CONSULTANT executed Amendment No. 1 to add additional scope and fee to prepare a Historical Resources Evaluation Report (HRER), not included in the original contract scope.
- C. In July 2020, SBCTA and CONSULTANT executed Contingency Amendment 1A to perform an Initial Study/Mitigated Negative Declaration (IS/MND) for the Environmental Document.
- D. In May 2022, SBCTA and CONSULTANT executed Contingency Amendment 1B for additional retaining walls and geotechnical investigation.
- E. In June 2023, SBCTA and CONSULTANT executed Amendment 2 to extend the period of performance for an additional 5 years to June 30, 2028.
- F. In November 2023, SBCTA and CONSULTANT executed Amendment 3 for added Scope of Work and to increase the contract values to \$4,206,341.21.
- G. PARTIES now seek to amend the CONTRACT to amend the Scope of Work for additional environmental studies, structural submittals and design updates and increase contract value from \$4,206,341.21 to \$4,489,418.67.

IT IS THEREFORE MUTUALLY AGREED TO AMEND THE CONTRACT AS FOLLOWS:

1. Article 5.2 is revised in its entirety to read as follows:

 “In addition to the allowable incurred costs, SBCTA will pay CONSULTANT a fixed fee of two hundred fifteen thousand, nine hundred fifty-eight dollars **(\$215,958)**. The fixed fee is nonadjustable for the term of the Contract, except in the event of a significant change in the Scope of Work and such adjustment is made by contract amendment.”

2. Article 5.9 revised in its entirety to read as follows:

 “The total amount payable by SBCTA to CONSULTANT including the fixed see shall not exceed four million, four hundred eighty-nine thousand, four hundred eighteen dollars and sixty-seven cents **(\$4,489,418.67)**.”

3. Pump Station Fire Marshall submittal, FHWA Access Waiver for Pump Station Gate Relocation, Lane Closure Review Committee Presentation, City of Colton Electric Relocation Plan Design, Trash Collection Design Revisions, Supplemental Historic Property Survey Report, Updated Initial Site Assessment, and Natural Environmental Study Minimal Impact Addendum is added to the Scope of Work as shown in Exhibit A-3, attached hereto. All references in the Contract to Work and Scope of Work shall mean the Scope of Work described in Exhibit A attached to the Contract, Exhibit A-1 attached to Amendment No. 1, Exhibit A-2 attached to Amendment No. 3, and Exhibit A-3 incorporated into this Amendment No. 4.

4. The costs for the added Scope of Work are shown in Exhibit B-3, attached hereto. All references in the Contract to Approved Cost Proposal shall mean the Approved Cost Proposal in Exhibit B to the Contract, Exhibit B-1 attached to Amendment No. 1, Exhibit B-2 attached to Amendment No. 3, and Exhibit B-3 incorporated into this Amendment No. 4.

5. Except as amended by this Amendment No. 4, all other terms and conditions of the Contract and all previous amendments shall remain in full force and effect.

6. This Amendment No. 4 is deemed to be included and made part of the Contract.

7. This Amendment No. 4 will be effective upon execution by SBCTA.

-----SIGNATURES ON FOLLOWING PAGE-----

Attachment: 18-1001869-04 (10896 : I-10 Mount Vernon - Amendment No. 4 to Contract No. 18-1001869 with Kimley-Horn)

IN WITNESS WHEREOF, the Parties have duly executed this Amendment No. 4 below.

**SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY**

**KIMLEY-HORN & ASSOCIATES, INC.
A NORTH CAROLINA
CORPORATION**

By: _____
Ray Marquez
Board President

By: _____
Darren Adrian
Senior Vice President

Date: _____

Date: _____

By: _____
Jason Valencia
Assistant Secretary

Date: _____

APPROVED AS TO FORM:

By: _____
Julianna K. Tillquist
General Counsel

Date: _____

CONCURRENCE:

By: _____
Alicia J. Bullock
Procurement Manager

Date: _____

DRAFT

Attachment: 18-1001869-04 (10896 : I-10 Mount Vernon - Amendment No. 4 to Contract No. 18-1001869 with Kimley-Horn)

EXHIBIT A-3
ADDITIONAL SCOPE OF WORK
Contract No. 18-1001869

This amendment is requested to address additional effort to the I-10/Mt Vernon Avenue Improvement project. The original scope of work was negotiated and agreed to in August 2018. The project was scoped before the environmental phase (PA&ED) was started using the available Project Initiation Document (PID). During development of design, additional work has been identified, discussed below, that were not anticipated during the initial scoping of the project and was not included in the original understanding of the scope of work.

This project has proven to be significantly more complex than initially anticipated. Originally projected at \$32 million capital cost during the proposal phase, upon finalizing all required project features, as well as conforming to new Caltrans standards, the estimated construction cost has now escalated to \$67 million. Despite these challenges, KH diligently worked within the constraints of the budget to efficiently prepare deliverables and navigate the evolving Caltrans processes.

Moreover, Caltrans has been undergoing substantial changes in how it processes projects, placing increased emphasis on sustainability, safety, environmental, asset management and other critical factors. These changes include comprehensive revisions to many roadway features, such as structural design, stormwater treatment facilities, traffic managements/electrical systems, guardrails, barriers, stage construction, and other safety protocols. As a result, this project has encountered ongoing updates and adjustments, necessitating significant additional effort to meet Caltrans' evolving guidance and standards to deliver the project objectives.

Additionally, a new submittal to the Fire Marshall was identified requiring additional effort for approval. Furthermore, due to significant scope changes and shifts in Caltrans staffing, two major review cycles have been added, demanding substantial resources and effort.

This amendment will cover effort to the Ready-to-List milestone of the project. Budget for bidding and construction support will be handled via future amendment.

The following describes items that were not anticipated and not included in our original scope of work:

Task 230 PREPARE DRAFT PLANS, SPECIFICATIONS & ESTIMATE (PS&E)

230 Draft PS&E

CONSULTANT shall update the Roadway Plans, Specifications, and Estimates (PS&E)

to incorporate the additional work discussed below:

1. Updates and New Barrier/MGS - In compliance with latest MASH standards, significant revisions to guardrails and barrier standards are mandated. This necessitates modifications to the current safety barrier design. Since these standards are new, Caltrans guidance constantly changed requiring significant coordination and multiple modification to plans. Additionally, this requires additional length of need design backup, quantities, hardscape block-out detail sheets, and typical section detailing. Total of 600 ft of guardrails were affected. 7 sheets. Length of Need (LON) recalculation, 4 pages.
2. CEM Calculation Updates - Caltrans has updated their requirements for CEM (Construction Engineering Management) calculations. 72 CEM sheets had been prepared. While our team previously collaborated with Caltrans to establish the approach and content, these evolving standards now necessitate a revised approach, significantly enhancing the project's complexity. All 72 sheets had to be modified.
3. New Sign Guidance - Due to the 5-legged intersection at the Mt Vernon/WB on ramp, the project required significant non-standard signing. Caltrans has revised their signing recommendations multiple times, necessitating major plan adjustments. The MUTCD does not specify guidance for OH signs on local roads as it is a non-standard application. Caltrans continues to interpret the MUTCD differently at reviews generating changing guidance. One of these OH signs is on a specially designed structural pedestal which impacts wind loading and structural design. 2 new sheets added. Modification to 10 sheets.
4. Pump Station Cybersecurity Upgrade - Caltrans has introduced new cybersecurity guidelines for electrical designs in pump stations. These guidelines address emerging security threats and require adaptations to the existing design features. These new standards differ from previously agreed-upon design and are not part of current Caltrans standards. However, Caltrans stated that these will be integrated into future standards to align with evolving security requirements. These changes required 2 focus meeting and multiple coordination calls with Caltrans and required modification to 10 electrical sheets.
5. Structures – New structural comments require significant additional effort. These includes changes to aesthetic treatment that requires structural changes; changes to gravity wall design; sign pedestal redesign due to sign panel changes; structure recalculations and adjustments to conform to new TL-5 standards. Effort includes modification to 64 sheets, calculations, coordination.
6. Temporary Traffic Signal Design- Temporary Traffic signal design was not included in the original scope or previous amendments. . Caltrans has requested this to be added. This required five additional sheets.

7. Change in Trash Collection Design – It was identified during PS&E that this portion of the I-10 Corridor is an STGA (Significant Trash Generating Area) requiring Trash capture beyond the additional requirements of a Caltrans Project. This is a new requirement of the new Caltrans NPDES permit. The Trash Capture requirement was extended to the drainage plans incorporating both a grate and curb opening application as well as a custom designed structure developed in partnership with Caltrans. Comments were received at second 95% submittal to remove and modify the trash collection design that was developed with Caltrans support. Modifications are needed to the materials included within the trash capture system. Multiple meeting and coordination meetings were conducted to resolve concerns.
8. Adaptation to New Plans and Specifications - Caltrans has modified the frequency of publishing updated standard plans and specifications. Caltrans standard plan updates previously occurred on 2 to 4 year intervals. The revision in standard publications moving to yearly intervals requires design to address more frequent updates to standards referenced within sheets, updating design features, and rewriting project specifications. This standard plan update frequency also requires updating quantities and additional reviews to ensure compliance. Effort included reviewing all new Revised Standard Plans and update plans throughout to conform to new standards. Effort also included reviewing new Specifications and updated plans and quantities, as well as coordination between disciplines affected by changes.
9. Fire Marshal Submittal – It was communicated by Caltrans at the 2nd 95% submittal from Caltrans that a fire marshal approval was required for finalization of the PS&E plan set for the pump station. The submittal has a 2-month review period and requires separate plan preparation for submittal in accordance with CalFire submittal requirements. Effort includes multiple outreach with Caltrans and CalFire, 3 meetings, modify plans for CalFire submittal format, code analysis, pre-submittal to Caltrans, submittal to CalFire, 1 revision, and resubmittal.
10. Agreements Coordination- additional effort is required to facilitate and finalize multiple agreements (Freeway Maintenance Agreements, TAMA, Electric Maintenance agreement) between City, Caltrans, and SBCTA.
11. City of Colton Electrical Relocation – The city of Colton has requested SBCTA/KH to prepare the City of Colton Electric Relocation Plan. Due to the City’s change in staffing at the utility department, recommendation for relocation design have changed from what is previously coordinated. Additionally, the new staff does not have ability to prepare electronic plans and have lost all previous city electronic files requiring help from KH.
12. FHWA Access Waiver-Due to change in location for maintenance access gate for the pump station, Caltrans is requiring the team to request and obtain approval to FHWA Access Waiver.

13. Lane Closure Request Presentatrion-New staffing at Caltrans Traffic Management department is requesting the team to present the justification to lane closure request. Previous coordination with Caltrans stated no presentation is required for the project.

235 Environmental Certification

1. Environmental- Since Caltrans' approval of the PA&ED, two new species have been added to the updated USFWS species list that were not part of the original NESMI; this includes the monarch butterfly and southwestern pond turtle. Additionally, final design of drainage and water pollution control facilities required going outside the initial project area. These items required submittal of the following:
 - a. Prepare NESMI Addendum - 26-page addendum addressing the new species listed in the updated USFWS species list. Submittal to SBCTA and Caltrans. Update and resubmit for final acceptance.
 - b. Prepare Supplemental HPSR – to identify all new project features that were not originally identified in the PA/ED approval. This includes coordination and preparation of the document; submittal to SBCTA and Caltrans. Update and resubmit for final acceptance.
 - c. Prepare updated ISA memo to include new features not previously included in PA/ED approval

EXHIBIT B-3

Consultant Kimley-Horn and Associates, Inc.

Contract No. 18-1001869

Date 5/19/2023

Direct Labor Classification/Title	Key Personal	Hours	Labor Rate Range		Average Hourly Rate	Total Direct Labor
			Low	High		
Principal		0	108.66		\$108.66	\$0.00
Project Manager	Jason Valencia	36	69.24		\$69.24	\$2,492.64
QC/QA	Darren Adrian	0	87.50		\$87.50	\$0.00
Project Engineer Prof II	Frank Hoffmann	303	72.60		\$72.60	\$21,997.80
Sr. Bridge Engineer	Andy Sanford	46	83.18		\$83.18	\$3,826.28
Sr. Professional III QC		51	74.28	92.10	\$83.19	\$4,242.69
Sr. Professional II		122	65.61	69.83	\$67.72	\$8,261.84
Sr. Professional I		0	57.21	65.36	\$61.29	\$0.00
Professional II		30	47.54	56.96	\$52.25	\$1,567.50
Professional I		578	38.38	47.30	\$42.84	\$24,761.52
Analyst II		0	34.57	38.30	\$36.44	\$0.00
Analyst I		0	30.86	33.93	\$32.40	\$0.00
Sr. Technical Support		0	35.91	47.05	\$41.48	\$0.00
Support Staff		0	22.54	39.63	\$31.09	\$0.00
Sr. Technical Advisor		0	95.09	105.99	\$100.54	\$0.00

Labor Costs

a) Subtotal Direct Labor Costs	\$	<u>67,150.27</u>
b) Anticipated Salary Increases (see page 2 for sample)	\$	<u>8,429.85</u>
c) TOTAL DIRECT LABOR COSTS [(a)+(b)]	\$	<u>75,580.12</u>

Fringe Benefits

d) Fringe Benefits (Rate <u>42.14%</u> %)	e) Total Fringe Benefits [(c)x(d)]	\$	<u>31,849.46</u>
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Indirect Costs

f) Overhead (Rate <u>0.51%</u> %)	g) Overhead [(c)x (f)]	\$	<u>385.46</u>
h) General and Administrative (Rate <u>154.88%</u> %)	i) Gen & Admin [(c) x (h)]	\$	<u>117,058.49</u>
j) Total Indirect Costs [(g)+(i)]		\$	<u>117,443.95</u>

Fixed Fee (Profit)

n) (Rate <u>9.00%</u> %)	k) Fixed fee [(c) + (e) + (i)] x (n)	\$	<u>20,203.93</u>
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Total Loaded Labor Costs

			<u>245,077.46</u>
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Other Direct Costs (ODC)

l) Travel/ Mileage Costs (supported by consultant actual costs)	\$	
m) Reproduction	\$	
n) Title Reports	\$	
o) Subconsultant Costs (Arellano)	\$	-
p) Subconsultant Costs (EPIC)	\$	-
q) Subconsultant Costs (Fehr & Peers)	\$	-
r) Subconsultant Costs (Geocon) ISA, Geotech Update	\$	<u>8,000.00</u>
s) Subconsultant Costs (ICF) HPSR, NESMI	\$	<u>30,000.00</u>
t) Subconsultant Costs (Guida)	\$	-
u) Subconsultant Costs (TYLIN) Electrical, Independent Review	\$	
v) Subconsultant Costs (VMS)	\$	-
p) Total Other Direct Costs [(l) + (m) + (n) + (o) +(p) + (q) + (r) + (s) =(t)]	\$	<u>38,000.00</u>
Total cost [(c) + (e) + (j) + (k) + (p)]	\$	<u>283,077.46</u>

Notes:

- Employees subject to prevailing wage requirements to be marked with an *.

Attachment: 18-1001869-04_ Exhibit_B-3_Cost Proposal (10896 : I-10 Mount Vernon - Amendment No. 4 to Contract No. 18-1001869 with Kimley-

Consultant Kimley-Horn and Associates, Inc. Contract No. 18-1001869 Date 5/19/2023

1. Calculate average hourly rate for 1st year of contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> Per Cost Proposal	Total Hours cost Proposal	Avg Hourly Rate	5year Contract Duration
\$ 67,150.27 /	1166 =	\$ 57.59	Year 1 avg Hourly rate

2. Calculate hourly rate for all years (increase the Average Hourly rate for a year by proposed escalation%)

Average hourly rate	Proposed Escalation				
Year 1 \$ 57.59 +	3%	=	\$ 59.32	Year 2 Avg Hourly Rate	
Year 2 \$ 59.32 +	3%	=	\$ 61.10	Year 3 Avg Hourly Rate	
Year 3 \$ 61.10 +	3%	=	\$ 62.93	Year 4 Avg Hourly Rate	
Year 4 \$ 62.93 +	3%	=	\$ 64.82	Year 5 Avg Hourly Rate	

3. Calculate estimated hour per year (multiply estimate % each year by total hours)

Estimated % Completed Each year	Total Hours Per Cost Proposal	Total Hours per Year	
Year 1 0.0% *	1166	0.0	Estimated Hours Year 1
Year 2 0.0% *	1166	0.0	Estimated Hours Year 2
Year 3 0.0% *	1166	0.0	Estimated Hours Year 3
Year 4 0.0% *	1166	0.0	Estimated Hours Year 4
Year 5 100.0% *	1166	1166.0	Estimated Hours Year 5
Total 100.0%	Total	1166	

4. Calculate Total Costs including Escalation (multiply average hourly rate by the number hours)

Avg Hourly Rate (Calculated above)	Estimated hours (Calculated above)	Cost Per Year	
Year 1 \$ 57.59 *	0.0	-	Estimated Hours Year 1
Year 2 \$ 59.32 *	0.0	-	Estimated Hours Year 2
Year 3 \$ 61.10 *	0.0	-	Estimated Hours Year 3
Year 4 \$ 62.93 *	0.0	-	Estimated Hours Year 4
Year 5 \$ 64.82 *	1166.0	75,580.12	Estimated Hours Year 5
Total Direct Labor Cost with Escalation =		\$ 75,580.12	
Direct Labor Subtotal before Escalation =		\$ 67,150.27	
Estimated Total of Direct Labor Salary Increase =		\$ 8,429.85	Transferred to page 1

Year 1 = through 6/30/18 Year 2 + 7/1/18 to 6/30/19 Year 3 = 7/1/19 to 6/30/20 Year 4 = 7/1/20 to 6/30/21 Year 5 = 7/1/21 to 6/30/22

Attachment: 18-1001869-04_ Exhibit_B-3_Cost Proposal (10896 : I-10 Mount Vernon - Amendment No. 4 to Contract No. 18-1001869 with Kimley-

Contract: 18-1001869

Date: 5/19/2023

Detail Sheet

Task Description			Consultant										
			Kimley-Horn and Associates, Inc.										
A	B	C	D	E	G	H	I	J	L	M	N	O	AI
Row	WBS Number	Drawing or Item of Work - Titles	Principal	Project Manager	Project Engineer Prof II	Sr, Bridge Engineer	Sr. Professional III QC	Sr. Professional III	Professional II	Professional I	Analyst II	Analyst I	Total Hours
1	2.100.10	Project Management											
2	2.100.10	Project Management											
3	2.100.10-1	Coordination and Meetings											
4	2.100.10-2	Project Management and Administration											
5	2.100.10-3	Project Schedule											
6	2.100.10-4	Presentations											
7													
136	3.23	PREPARE DRAFT PLANS, SPECIFICATIONS & ESTIMATE (PS&E)											
137	3.230.1	Draft PS&E											
138	1a	Barriers		2.0	20.0		2.0			45.0			69.0
139	1b	LON			10.0		2.0			25.0			37.0
140	2	CEM		2.0	20.0		8.0			60.0			90.0
141	3	Sign Guidance		2.0	30.0		2.0			60.0			94.0
142	4	Pump Station New Guidance		2.0	10.0		6.0	80.0					98.0
143	5	Structures											
143		Barrier/Aesthetics/TL-5 recalc		4.0	10.0	40.0	18.0	36.0		60.0			168.0
143		Gravity Wall			6.0	6.0		6.0		28.0			46.0
144	6	Temp Signals		4.0	12.0		4.0		10.0	80.0			110.0
144	7	Trash Collection modification		2.0	10.0		4.0		20.0				36.0
145	8a	Standard Specification Update		2.0	18.0		3.0			40.0			63.0
145	8b	Standard Plans Update		2.0	18.0		2.0			60.0			82.0
145	9	Fire Marshall Submittal		2.0	20.0					60.0			82.0
148	10	Maintenance Agreement		4.0	60.0					20.0			84.0
149	11	City of Colton Electrical			20.0					30.0			50.0
150	12	FHWA Access Waiver		4.0	20.0					10.0			34.0
151	13	Lane Closure Request Presentation		4.0	19.0								23.0
153													
Total Hours				36.0	303.0	46.0	51.0	122.0	30.0	578.0			1,166.0

Attachment: 18-1001869-04_Exhibit_B-3_Cost Proposal (10896 : I-10 Mount Vernon - Amendment No. 4 to Contract No. 18-1001869 with Kimley-

Contract: 18-1001869							0						
Detail Sheet													
Task Description													
0													
A	B	C					AI	AI1	AJ	AK	AL	AM	
Row	WBS Number	Drawing or Item of Work - Titles					Hours Total	Direct Labor Total	Overhead Cost	Fee	Total Labor Costs	Escalated Total Labor Cost	
													197.53%
1	2.100.10	Project Management					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
2	2.100.10	Project Management					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
3	2.100.10-1	Coordination and Meetings					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
4	2.100.10-2	Project Management and Administration					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
5	2.100.10-3	Project Schedule					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
6	2.100.10-4	Presentations					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
136	3.23	PREPARE DRAFT PLANS, SPECIFICATIONS & ESTIMATE (PS&E)					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
137	3.230.1	Draft PS&E					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
138	1a	Barriers					69.0	\$ 3,684.66	\$ 7,278.31	\$ 986.67	\$ 11,949.64	\$ 13,447.86	
139	1b	LON					37.0	\$ 1,963.38	\$ 3,878.26	\$ 525.75	\$ 6,367.39	\$ 7,165.72	
140	2	CEM					90.0	\$ 4,826.40	\$ 9,533.59	\$ 1,292.40	\$ 15,652.39	\$ 17,614.85	
141	3	Sign Guidance					94.0	\$ 5,053.26	\$ 9,981.70	\$ 1,353.15	\$ 16,388.11	\$ 18,442.82	
142	4	Pump Station New Guidance					98.0	\$ 6,781.22	\$ 13,394.94	\$ 1,815.85	\$ 21,992.02	\$ 24,749.33	
143	5	Structures					0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
144		Barrier/Aesthetics/TL-5 recal					168.0	\$ 10,835.90	\$ 21,404.15	\$ 2,901.60	\$ 35,141.66	\$ 39,547.64	
145		Gravity Wall					46.0	\$ 2,540.52	\$ 5,018.29	\$ 680.29	\$ 8,239.10	\$ 9,272.10	
146	6	Temp Signals					110.0	\$ 5,430.62	\$ 10,727.10	\$ 1,454.20	\$ 17,611.92	\$ 19,820.06	
147	7	Trash Collection modification					36.0	\$ 2,242.24	\$ 4,429.10	\$ 600.42	\$ 7,271.76	\$ 8,183.47	
148	8a	Standard Specification Update					63.0	\$ 3,408.45	\$ 6,732.71	\$ 912.70	\$ 11,053.87	\$ 12,439.78	
149	8b	Standard Plans Update					82.0	\$ 4,182.06	\$ 8,260.82	\$ 1,119.86	\$ 13,562.74	\$ 15,263.21	
150	9	Fire Marshall Submittal					82.0	\$ 4,160.88	\$ 8,218.99	\$ 1,114.19	\$ 13,494.05	\$ 15,185.91	
151	10	Maintenance Agreement					84.0	\$ 5,489.76	\$ 10,843.92	\$ 1,470.03	\$ 17,803.71	\$ 20,035.90	
152	11	City of Colton Electrical					50.0	\$ 2,737.20	\$ 5,406.79	\$ 732.96	\$ 8,876.95	\$ 9,989.92	
153	12	FHWA Access Waiver					34.0	\$ 2,157.36	\$ 4,261.43	\$ 577.69	\$ 6,996.48	\$ 7,873.69	
154	13	Lane Closure Request Presentation					23.0	\$ 1,656.36	\$ 3,271.81	\$ 443.54	\$ 5,371.70	\$ 6,045.20	
155							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
156							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
157							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
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195							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
196							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
197							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
198							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
199							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
200							0.0	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Hours						1,166.0	\$ 67,150.27	\$ 132,641.93	\$ 17,981.30	\$ 217,773.50	\$ 245,077.46		

Minute Action

AGENDA ITEM: 7

Date: *November 14, 2024*

Subject:

Interstate 10 Contract 1 Landscape Project Release of Invitation for Bids No. 24-1003144 and Award Contract Task Order No. 12 to Contract No. 22-1002707

Recommendation:

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

- A. Authorize the Executive Director, or his designee, to release Invitation for Bids No. 24-1003144 for the construction of Interstate 10 Contract 1 Landscape Project, subject to final approval of the Plans, Specifications, and Estimates package, and approval as to form by SBCTA General Counsel, or her designee.
- B. Award Contract Task Order No. 12 to Contract No. 22-1002707 with TRC Engineers, Inc., for Construction Management Services for the Interstate 10 Contract 1 Landscape Project, in an amount not-to-exceed \$1,535,283.78.
- C. Approve a contingency amount of \$153,528.38 for Contract Task Order No. 12 to Contract No. 22-1002707, and authorize the Executive Director, or his designee, to release contingency as necessary for the project.

Background:

The Interstate 10 (I-10) Corridor Project will be adding one to two express lanes from the Los Angeles/San Bernardino County Line to Ford Street in the City of Redlands and the corresponding Project Approval/Environmental Document (PA/ED) was approved in May 2017. The first ten miles of the I-10 Corridor Project (I-10 Contract 1) are currently under construction as a Design-Build Project, implementing the express lanes from San Bernardino County Line through the I-10/Interstate 15 (I-15) system interchange.

As identified in the approved PA/ED documents, the I-10 Corridor Project will replace existing planting and irrigation systems removed during construction of the current I-10 Contract 1 improvements within the California Department of Transportation (Caltrans) Right-of-Way (ROW), in accordance with the Environmental Commitments Record (ECR).

In June 2023, the Board of Directors (Board) awarded a separate design contract for the landscape component. Design has progressed and 95% Plans, Specifications, and Estimates (PS&E) have been submitted to Caltrans for review, and final approval is anticipated by November 2024. The construction capital, including a one-year plant establishment, is currently estimated to cost \$10.2 million. An Invitation for Bids (IFB) has been prepared based on this PS&E package.

Recommendation A:

Staff is recommending that the Board authorize the Executive Director, or his designee, to advertise the construction contract for the I-10 Contract 1 Landscape Project through the release of IFB No. 24-1003144, subject to approval as to form by SBCTA General Counsel, or her designee, and final approval of the PS&E package. Staff would then present award of contract directly to the Board for approval in early 2025.

Entity: San Bernardino County Transportation Authority

Recommendation B:

A Request for Proposal (RFP) for Contract Task Order (CTO) No. 12 was released on July 8, 2024, and was sent electronically to five consultants on the On-Call Construction Management Services bench. The solicitation was issued in accordance with current SBCTA policies and procedures for professional on-call services.

Two proposals were received by SBCTA as specified in the RFP. A responsiveness review was conducted by the Procurement Professional, who found the proposals to be responsive. The evaluation committee reviewed the proposals separately and then met to summarize scores and identify the best qualified firm. TRC Engineers, Inc. (TRC) was ranked highest, and a cost proposal was requested. Staff reviewed the initial cost proposal by TRC and provided comments for a reduced amount. After a brief discussion regarding billable hours for the resident engineer and field inspector, a revised cost proposal was provided by TRC in the amount of \$1,535,283.78. The revised cost proposal was reviewed by SBCTA staff and found to be reasonable due to the length of the Project.

Staff recommends approval to award Contract Task Order No. 12 to Contract No. 22-1002707 to TRC Engineers, Inc. for Construction Management Services for the I-10 Contract 1 Landscape Project, in an amount not-to-exceed \$1,535,283.78.

Recommendation C:

Staff recommends approval of a contingency in the amount of \$153,528.38 for CTO No. 12 to Contract No. 22-1002707 and authorization for the Executive Director, or his designee, to release contingency as necessary for the Project.

Financial Impact:

This item is consistent with the adopted Budget for Fiscal Year 2024/2025 and funded with Measure I Freeway Funds under Task No. 0820 Freeway Projects, Sub-Task No. 0823 I-10 Contract 1 Landscape Project in Program 40, Project Delivery.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel, Procurement Manager and Enterprise Risk Manager have reviewed this item and the draft IFB.

Responsible Staff:

Juan Lizarde, Project Manager

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:



Contract Task Order (CTO)

Except as otherwise expressly provided herein, Consultant hereby agrees to perform the work described below in accordance with all of the terms and conditions of the Master Contract referenced below. The Consultant shall furnish the necessary facilities, professional, technical and supporting personnel required by this Contract Task Order (CTO) as described below.

Consultant Name: TRC Engineers, Inc. **Contract No.** 22-1002707

CTO No.: 12 **Amendment No.:** _____

Period of Performance: SBCTA CTO Start Date is Effective on the Date Executed by SBCTA **CTO Completion Date:** 11/30/2026

Scope of Work Description: CM Services for I-10 Contract-1 Landscape Project (Attachment A)

CTO Pricing – Cost Proposal Submitted: See Attached Price Proposal (Attachment B)

Lump Sum

Time and Material

Original CTO Not to Exceed Amount: \$ 1,535,283.78

Cumulative Amount of All Prior Amendments: \$ _____

Current Amendment Not to Exceed Amount: \$ _____

Contingency (10%) \$ 153,528.38

Revised CTO Total Amount (Includes All Amendments & Contingency): \$ 1,688,812.16

Funding Code for this CTO: MSI: 4110.40.0820.0823.53701.41100000: \$1,688,812.16

Sub-Consultants/Contractors:	DBE	Amount	Cumulative Amount
GUIDA		\$ 56,307.54	\$ 56,307.54
LEIGHTON		\$ 21,039.80	\$ 77,347.34
FCG	Yes	\$ 353,788.27	\$ 431,135.61
DESI	Yes	\$ 136,371.60	\$ 567,507.21
KAREN MEADOWS	Yes	\$ 24,848.08	\$ 592,355.29

Consultant hereby acknowledges receipt and acceptance of the Contract Task Order by signing below.

San Bernardino County Transportation Authority

Ray Marquez

Board President

Personnel Authorized to Sign

Authorized Personnel Signature	Date	Board President Signature	Date
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Contract Expires: November 30, 2026

Available Authority: \$4,707,877.64

Remaining Authority After this CTO \$3,172,593.86

**ATTACHMENT A
SCOPE OF WORK
CONSTRUCTION MANAGEMENT SERVICES FOR I-10 CONTRACT 1
LANDSCAPE**

INDEX

- A. DESCRIPTION OF SERVICES
- B. PERFORMANCE REQUIREMENTS
- C. DUTIES AND RESPONSIBILITIES
 - 1. Pre-construction Services
 - 2. Bid Process
 - 3. Project Administration
 - 4. Construction Coordination
 - 5. Construction Inspection
 - 6. Project Support
 - 7. Cost and Schedule
 - 8. Change Orders and Claims
 - 9. Safety
 - 10. Project Close Out
- D. DELIVERABLES
- E. EQUIPMENT AND MATERIALS TO BE PROVIDED BY CONSULTANT
- F. MATERIALS TO BE FURNISHED BY SBCTA
- G. STANDARDS
- H. AVAILABILITY AND WORK HOURS
- I. LIMITATIONS TO AUTHORITY
- J. THIRD PARTY RELATIONSHIPS
- K. CONSTRUCTION SITE SAFETY
- L. BASIS FOR SURVEY AND MONUMENT MARKING
- M. PERSONNEL QUALIFICATIONS

A. DESCRIPTION OF SERVICES

The San Bernardino County Transportation Authority (SBCTA) will utilize the services of CONSULTANT to support the construction activities for the Project. The CONSULTANT will provide construction management, materials testing, construction surveying and source inspection, landscape inspection and assist in public outreach for the Project. A description of the Project is given below.

Project General Description:

The San Bernardino County Transportation Authority (SBCTA), proposes the Interstate 10 (I-10) Contract 1 Landscaping Project (“Project”) to improve the landscaping starting at the Los Angeles / San Bernardino County Line in the City of Montclair to the I-10 Milliken Avenue Interchange in the City of Ontario.

SERVICES

SBCTA will utilize the services of CONSULTANT to support highway landscaping construction and maintenance contract of the Project as described by the plans and specifications.

Services are anticipated to generally include, but are not limited to the following: participation in the evaluation of scheduling of the proposed project; constructability review; construction project advertising, bid analysis, and award; early utility relocation inspection and survey services, construction inspection; construction surveying, materials testing, landscape inspection, contractor interface, construction coordination with other agencies, and contract administration; office engineering; and other assorted duties as appropriate in managing construction of a Caltrans project.

The Resident Engineer will coordinate all contract and personnel activities for all phases of construction. Other Resident Engineer(s) and inspection personnel may be assigned to direct and coordinate all project specific field activities and responsibilities as needed for satisfactory performance on the project.

The Resident Engineer assigned for this project shall be licensed as a Professional Civil Engineer in the State of California at the time of proposal submittal and made available through the duration of the contract. The Consultant is expected to provide a Survey Project Manager, Materials Testing/Source Inspection Project Manager, and Landscape Architect to administer the construction support services requested herein and to assign qualified field personnel to perform the requested services. Furthermore, the Resident Engineer shall act as the public outreach liaison to assist SBCTA’s Public Information Office in implementing the Public Outreach Program established for this project.

Insofar as the Consultant’s approach described in the Proposal, the scope of responsibility and the total number of personnel assigned to each phase is left to the discretion of the Consultant. The Proposal shall include a staffing plan, an organization chart and a resource loaded schedule that establish the firm's ability to adequately and appropriately efficient staff and manage the project within budget.

SBCTA anticipates that the preconstruction services will be performed in October, November, and December of 2024. The construction contract will be advertised in November 2024 and the Notice-to-Proceed (NTP), to the contractor is anticipated in February 2025. The construction duration is anticipated to be approximately two (2) years, of construction management and support for:

- Landscape construction, approximately **12 months; and**
- Follow-on **one-year plant establishment(PE) period,**

The estimated construction capital cost of the project is about \$8 million.

CONSULTANT shall provide qualified construction management and inspection, materials testing, source inspection, construction surveying and public relations personnel to perform a wide variety of construction management, support and contract administration duties as outlined in this Scope of Services for the Project.

The SBCTA Director of Project Delivery has designated a SBCTA Project Manager to coordinate all construction activities.

Mr. Khalid Bazmi, Construction Manager

The CONSULTANT shall report to and receive direction from SBCTA through the SBCTA Project Manager, or his designees. The SBCTA Project Manager is responsible for coordination of all SBCTA construction activities and for coordinating the efforts of the total construction team. The SBCTA Project Manager will be the main contact and primary source of information between SBCTA, cities, outside agencies, supporting consultants and the public for the construction projects.

B. PERFORMANCE REQUIREMENTS

Landscape Construction/Maintenance Management: CONSULTANT shall furnish personnel to serve in the following roles: Project Manager, Resident Engineer, licensed Landscape Architect, Office Engineer, Field Inspection, Materials Testing and Land Surveying. Personnel can serve multiple roles. Proven staffing efficiency is critical. The Project Manager shall coordinate CONSULTANT operations with SBCTA. The Project Manager shall be responsible for all matters related to CONSULTANT personnel and operations. The Project Manager may also serve as the Resident Engineer and the licensed landscape architect, if approved by SBCTA. The Resident Engineer shall be a civil engineer licensed in the State of California and will be responsible for construction contract administration activities. The Resident Engineer may also serve as the licensed Landscape Architect. The Resident Engineer shall direct and coordinate construction activities under this contract. Other Assistant Resident Engineers may be assigned to each specific project responsibilities as needed. It is desirable that the Project Manager and/or Resident Engineer also be a licensed Landscape Architect.

The number of CONSULTANT personnel assigned to the Project will vary throughout the duration of the contract. CONSULTANT personnel will be assigned, in varying levels of responsibility, as needed by the CONSULTANT to meet the Project schedule, Project requirements, and construction activities.

Resumes of personnel must be submitted to SBCTA for review and approval prior to assignment to the Project. SBCTA and CONSULTANT will jointly determine the quality and quantity of services that are required by CONSULTANT personnel. Personnel selected for assignment by CONSULTANT shall be made available for personal interviews prior to acceptance by SBCTA. If, in the opinion of SBCTA, an individual lacks adequate experience, the individual may be rejected or may be accepted on a trial basis until such time the individual's ability to perform the required services has been demonstrated. If, at any time, the performance of CONSULTANT personnel is unsatisfactory to SBCTA, SBCTA may release him/her by written notice and may request another qualified person be assigned.

If CONSULTANT personnel are on leave of absence, the CONSULTANT Project Manager shall provide equally qualified replacement personnel until the assigned personnel returns to the Project approved by SBCTA.

The typical workday includes all hours worked by the construction Contractor. If necessary, overtime for CONSULTANT personnel may be required. The construction Contractor's operations may be restricted to specific hours during the week, which shall become the normal workday for CONSULTANT personnel. The CONSULTANT Project Manager, with prior concurrence from SBCTA, shall have the authority to increase, decrease, or eliminate CONSULTANT personnel work hours dependent on the schedule and requirements of the construction Contractor. All overtime required by CONSULTANT personnel shall be approved and authorized by SBCTA prior to each occurrence.

CONSULTANT personnel shall be knowledgeable of and comply with all applicable local, state, and federal regulations. CONSULTANT personnel shall cooperate and consult with SBCTA, State, , utility agencies and City officials during the course of the Project. CONSULTANT personnel shall perform duties as may be required to assure that construction is being performed in accordance with the Project plans and specifications. CONSULTANT personnel shall keep accurate and timely records and document all work performed by the Contractor and CONSULTANT.

CONSULTANT shall monitor for Contractor's compliance with the labor standards provisions of the projects and the related wage determination decisions of the Secretary of Labor.

CONSULTANT personnel shall assist SBCTA and local agencies in obtaining compliance with the safety and accident prevention provisions of the Project. Local agencies will retain jurisdictional control for traffic control.

All services required herein shall be performed in accordance with applicable California Department of Transportation guidelines, regulations, policies, procedures, directives, manuals, and standards, except as noted in the special provisions.

C. DUTIES AND RESPONSIBILITIES

1. Pre-award Services

a. Schedule

CONSULTANT shall review the proposed Project schedule, compare it to the Project plans and specifications, and provide recommendations to SBCTA, as appropriate, to ensure efficiency of Contractor and CONSULTANT operations and safe and expeditious completion of the Project.

b. Budget

CONSULTANT shall review the Project estimate, quantities and provide recommendations to SBCTA, as appropriate, to ensure efficient utilization of funds and control of project costs.

c. Constructability Review

CONSULTANT shall review Project plans and special provisions for possible errors and deficiencies and report such findings to SBCTA in a format provided by SBCTA.

2. Bid Process

a. Bid Documents

CONSULTANT shall assist SBCTA, as requested, with the following tasks:

- 1) Review of bid documents
- 2) Preparation of bid tabulations

b. Pre-construction Meetings

CONSULTANT shall assist SBCTA in conducting one, or more, pre-construction meetings with all involved parties on the Project. Parties may include, but are not limited to, the Contractor, design engineer, Caltrans, County and City staff, utility companies and developers.

c. Contract Award

CONSULTANT shall assist SBCTA, as requested, with the following tasks:

- 1) Review of bid for completeness and responsiveness
- 2) Perform bid analysis
- 3) Development of contractor payment schedules, and other procedural items.
- 4) Checking Contractor references, licenses, insurance, and sureties.

- 5) Coordination with prospective Contractor for award of construction contract(s).

All processes will be consistent with procedures outlined by the California Department of Transportation for Special Funded Programs and Local Assistance Procedure Manuals.

3. Project Administration

- a. CONSULTANT shall administer Project construction contracts using Caltrans Construction Manual and Local Assistant Procedures Manual as a guideline.
- b. CONSULTANT shall conduct regular Project coordination meetings with Contractor, SBCTA, local agencies, and design engineer, as appropriate. CONSULTANT shall record minutes of these meetings and status/track all resulting action items.
- c. CONSULTANT shall prepare Contractor progress payments and maintain payment records and supporting documentation. All progress payments shall be reviewed by SBCTA for approval.
- d. CONSULTANT shall provide reports as needed to comply with specific funding requirements.
- e. CONSULTANT shall establish and maintain Project records in accordance with the Caltrans Construction Manual. Project record keeping shall include, but are not limited to, correspondence, memoranda, contract documents, change orders, claims, SBCTA and engineer directives, meeting minutes, shop drawings, supplementary drawings, and requests for payment. CONSULTANT shall maintain a record of the names, addresses, and telephone and fax numbers of the Contractors, subcontractors, and principal material suppliers.
- f. CONSULTANT shall establish and maintain a filing system in hard copies files and in electronic forms for each Project using the Caltrans Construction Manual as a guideline. Electronic data documentation will be required to be uploaded weekly to the SBCTA Major Projects Portal
- g. CONSULTANT shall monitor Contractors' construction schedules on an ongoing basis and alert SBCTA to conditions that may lead to delays in completion of the Project.
- h. CONSULTANT shall prepare and submit a monthly Activity Summary Report for the Project in a format approved by SBCTA. The activity report shall include among other items status of Storm Water Pollution Prevention Plan (SWPPP) issues, RFIs, contract change orders, and notice of potential claims; construction activities completed, ongoing, and upcoming; status of Project budget and schedule, and other highlights and critical issues.

- i. CONSULTANT shall review and ensure compliance with environmental requirements.
 - j. CONSULTANT shall participate in partnering sessions with the Contractor, SBCTA, and Local Agencies, as required.
 - k. CONSULTANT shall ensure that the Project meets all provisions of the SBCTA Construction Materials Quality Assurance Program and Caltrans Quality Assurance Program Manual.
 - l. CONSULTANT shall review Contractors' certified payroll records and ensure compliance with the requirements of the construction contract.
 - m. CONSULTANT shall ensure that the Project meets all provisions of the SWPPP.
 - n. CONSULTANT shall assure that the Project meets all applicable regulations of the Air Quality Management District (AQMD) and State Water Resource Control Board (SWRCB).
 - o. CONSULTANT shall maintain redlined as-built plans on an ongoing basis throughout the duration of the Project. Redlined plans shall show all changes made to the original contract plans, each change identified with the name of the approver, date of change approval, and Contract Change Order (CCO) number, if applicable. CONSULTANT shall coordinate final as-built plans submittal between design engineer and Caltrans to obtain Caltrans acceptance of as-built plans.
4. Construction Coordination
- a. CONSULTANT shall provide one qualified Resident Engineer to effectively manage the Project.
 - b. CONSULTANT Resident Engineer shall act as a prime point of contact between Contractor, SBCTA, CONSULTANT's personnel, and any affected utility companies. CONSULTANT may, when requested by SBCTA, act as point of contact between Caltrans, design engineers, cities, and the public. CONSULTANT shall ensure coordination with property owners adjacent to Project right-of-way to ensure timely communication regarding property-condition survey and construction activities and scheduling.
 - c. CONSULTANT shall maintain regular contact with the SBCTA Project Manager.
 - d. CONSULTANT shall coordinate utility relocations with utility companies and their designees, as well as the utility inspector.
 - e. CONSULTANT shall proactively review Project plans and special provisions for possible errors and deficiencies prior to construction of any specific element and report such findings to SBCTA. Should SBCTA determine that changes are necessary, CONSULTANT shall assist in implementation and processing of change orders in accordance with contract documents and executed Cooperative Agreement with Caltrans.

- f. CONSULTANT shall proactively review Project plans and special provisions; monitor, coordinate, and track construction progress schedule and RFIs; to ensure the Project proceeds on schedule and according to the order of work in the plans and special provisions. CONSULTANT shall expedite work, as required, to maintain schedule in conjunction with the overall construction program.
 - g. CONSULTANT shall coordinate review of shop drawings and Requests for Information (RFI) with the SBCTA Project Manager. CONSULTANT shall log and track all submittals and requests.
 - h. CONSULTANT shall provide a qualified SWPPP Coordinator who along with the Resident Engineer shall review and certify contractor prepared SWPPP and coordinate approval with SBCTA and the State Water Resource Control Board. The SWPPP Coordinator shall be at a minimum a Qualified SWPPP Developer (QSD) and a Qualified SWPPP Practitioner (QSP). CONSULTANT shall provide at a minimum weekly SWPPP monitoring and shall cooperate with all monitoring agency inspections and field reviews.
 - i. CONSULTANT shall coordinate the implementation of any changes with the SBCTA Project Manager and the design engineer.
 - j. CONSULTANT shall review the project for permit compliance and coordinate with SBCTA and Caltrans Landscape Construction Oversight to ensure that necessary permits are obtained. CONSULTANT shall assist SBCTA in the coordination, timely processing and verification of approval for all permits. CONSULTANT shall maintain permits and permit documentation on site.
 - k. CONSULTANT shall coordinate all Project construction activities with other on-going projects within and adjacent to the Project limits.
5. Landscape Construction/Maintenance Inspection
- a. CONSULTANT shall coordinate all required inspections necessary for the Project. CONSULTANT shall ensure that appropriate State and local agencies are notified and present as required throughout the Project. CONSULTANT shall notify SBCTA immediately regarding any directives, recommendations, notices, etc. received from agencies other than SBCTA.
 - b. CONSULTANT shall perform daily on-site observations of the progress and quality of construction to determine if the work being performed is in general conformance with the contract documents, all applicable laws, codes, and ordinances.
 - c. CONSULTANT shall exercise reasonable care and diligence to discover and promptly report to SBCTA any and all defects or deficiencies in the materials or workmanship used in the Project.

- d. CONSULTANT personnel assigned to the Project shall be thoroughly familiar with Caltrans Standard Specifications, Caltrans Standard Plans, Caltrans Erosion Control and Highway Planting requirements, safety standards and State Water Resources Control Board requirements. CONSULTANT personnel shall have the ability to read and interpret construction plans and specifications. CONSULTANT personnel shall also have knowledge of State of California Construction Safety Orders (CalOSHA) and traffic control practices as specified in the Work Area Traffic Control Handbook (WATCH). In addition, CONSULTANT personnel shall be thoroughly familiar with the construction requirements of Caltrans' Storm Water Pollution Prevention Program.
- e. Assignments to be performed by CONSULTANT personnel shall include, but are not limited to, the following:
- 1) Subgrade inspection, quantity calculations, checking grade and alignment, construction traffic control, soil amendments and plant material identification & quality control, hardscape inspection, trenching & irrigation inspection and duties that may be required to determine that landscape maintenance of the Project is being performed in accordance with the contract documents.
 - 2) Identifying actual and potential problems associated with the Project and recommending sound engineering solutions.
 - 3) Identifying common plant diseases and/or pests together with their respective eradication techniques, directing of plant adaptability requirements along with proper planting & pruning techniques, and avoiding potential problems associated with the Project by recommending sound engineering solutions.
 - 4) Schedule sampling and testing of construction materials in accordance with Caltrans procedures.
 - 5) Maintaining awareness of safety and health requirements. Monitoring Contractors' compliance with applicable regulations and construction contract provisions for the protection of the public and Project personnel.
 - 6) Preparing complete and accurate daily reports, calculations, project records, payment quantity documents, reports, and correspondence related to Project activities.
 - 7) Preparing Landscape Construction sketches, drawings, and cross-sections, as necessary, including a registered Landscape Architect seal on drawings as may be required by approving agencies.
 - 8) Assisting in the preparation of as-built plans.

- 9) Providing inspections for environmental compliance.
- 10) Maintaining awareness of water discharge requirements. Monitoring Contractors' compliance with applicable regulations and construction contract provisions.
- 11) Maintaining awareness of water conservation measures and monitoring Contractor's compliance with local ordinances and other regulations regarding water use.
- 12) Monitoring Contractors' compliance with applicable regulations required by AQMD.
- 13) Other duties as may be required or reasonably requested.

6. Project Support

a. Construction Surveys

CONSULTANT shall perform construction surveying services, field calculations, and home office calculations to support construction of the Project. The Resident Engineer will assign survey work to the CONSULTANT as needed by issuing a "Request for Survey Services". Requests may include, but not be limited to, the following types of surveys and related services:

1) Construction Surveys

CONSULTANT shall perform construction staking and calculations as needed.

- a) Survey calculations and adjustments shall be performed with established and computed coordinates based on the California Coordinate System.
- b) Prepare and maintain survey documents. Survey documents include survey field notes, maps, drawings, and other survey documents.
- c) Perform construction staking as directed by Resident Engineer. .

b. Materials Testing

- 1) CONSULTANT will provide experienced personnel, equipment, and facilities to perform various construction materials sampling and testing as needed.

c. Public Outreach

- 1) General Public Outreach Plan will be provided and administered by SBCTA.
 - a) SBCTA's primary goal is to assure the public that SBCTA is a public agency that delivers quality transportation projects and trustworthy, accurate and timely public information.
 - b) SBCTA will provide the public outreach. The primary target audiences identified for this Project include, but are not limited to:
 - i. LOCAL AGENCY
 - ii. SBCTA Board
 - iii. LOCAL AGENCY and area Emergency Service Providers
 - iv. School Transportation Coordinator(s)
 - v. Local Business Community
 - i) Specific businesses with expanding priority based on proximity to work zone and detours
 - ii) Chamber of Commerce
 - vi. Commuters
 - vii. Recreational Travelers
 - viii. Trucking Industry
 - ix. Local media
 - i) Print
 - ii) Radio
 - iii) Television
 - c) In the weeks prior to the selection of a construction contractor, SBCTA may coordinate an Emergency Responders Project Briefing to highlight the Project details and possible access challenges for consideration by the Project team.
 - d) Following the emergency responders briefing, SBCTA may coordinate a Chamber of Commerce Project Briefing to highlight the Project benefits, possible construction schedule and traffic management plan.
 - e) Just prior to the start of field construction activities, SBCTA may coordinate a groundbreaking media event with the LOCAL AGENCY to ceremoniously open the Project.
 - f) Prior to construction beginning, SBCTA may coordinate a community meeting to share Project information, construction scheduling, detour information and expected challenges with the general public.

- g) Near the completion of the construction Project, SBCTA will coordinate a ribbon-cutting media event. CONSULTANT will be called upon in a similar fashion to the groundbreaking event.
- h) At various stages throughout the Project, SBCTA may request support from CONSULTANT for the following items:
 - i. Establish and maintain stakeholder and/or 'interested parties' list(s) – used for sharing Project updates during Project construction.
 - ii. Development of a Project fact sheet (include Project description, Project budget, Project schedule, SBCTA contact information, LOCAL AGENCY contact information, photos, logos, etc.)
 - iii. Weekly media advisories. SBCTA will make weekly contact with Project team to establish what road or lane closures (and associated detours if applicable) will be taking place and develop the advisory.
 - iv. Emergency notices – when needed.
 - v. Assistance to develop web content for project tab on SBCTA website.

2) All requests for speaking to government councils, boards, chambers of commerce or similar business or social groups shall be directed to the SBCTA Public Information Office before agreeing to appear.

3) All media inquiries shall be directed to the SBCTA Public Information Office.

d. Permits

CONSULTANT shall review the Project for permit compliance and coordinate with SBCTA and the design engineer to ensure that necessary permits are obtained. CONSULTANT shall assist SBCTA in the coordination, timely processing and verification of approval for all permits. CONSULTANT shall maintain permits and permit documentation on site.

7. Cost and Schedule

a. CONSULTANT shall monitor and track the following:

1) Contract pay item quantities and payments

- 2) Contract change orders
 - 3) Supplemental work items
 - 4) Agency furnished materials
 - 5) Contingency balance
 - 6) Project budget
- b. CONSULTANT shall review and monitor Contractor's schedule by keeping an updated schedule to "shadow" that of the contractor and inform SBCTA of any significant changes or deviations in the schedule.
 - c. CONSULTANT shall provide and maintain a Project staffing plan of field office personnel based on the Contractor submitted baseline schedule update. In cooperation with SBCTA, the staffing plan shall be periodically updated to reflect Project progress and needs.
8. Contract Change Orders and Claims
- a. CONSULTANT shall receive and evaluate requests for changes and/or substitutions by the Contractor. Contract Change Orders submitted to SBCTA shall be accompanied by CONSULTANT recommendations. Where applicable, CONSULTANT shall convey proposed changes to design engineer, or other Project consultants. If the requested changes are accepted, CONSULTANT shall negotiate and prepare appropriate Contract Change Orders.
 - b. CONSULTANT shall use its best efforts to avoid unnecessary Contract Change Orders. When a Contract Change Order is necessary, CONSULTANT shall consult with SBCTA prior to its preparation. Unless directed otherwise by SBCTA, the preferred method of payment for Contract Change Orders should be as follows:
 - 1) Agreed Price
 - 2) Adjustment in compensation to a bid item
 - 3) Time and materials or Force Account

CONSULTANT shall perform independent force account analysis to validate cost submitted by the Contractor for contract change orders with agreed unit price, lump sum price, and adjustment in components. Analysis shall be based on realistic production and resource needs to complete the work.

- c. CONSULTANT shall use its best efforts to identify all potential claims, track and monitor unresolved claims. The CONSULTANT shall implement appropriate claims avoidance processes where in the best interests of SBCTA as determined by SBCTA's Project Manager. CONSULTANT shall provide timely responses to all potential claims and maintain a correspondence log for each potential claim.
- d. CONSULTANT shall assist SBCTA, as requested, in the identification, resolution, and final disposition of claims filed by the Contractor or third parties against SBCTA or the Project.

9. Safety

In addition to the requirements specified elsewhere in this contract, the following shall also apply:

- a. CONSULTANT shall implement and conduct a comprehensive safety program including regular tail-gate safety meetings for CONSULTANT personnel. CONSULTANT shall provide SBCTA with monthly status of safety reports.
- b. CONSULTANT shall comply with State of California Construction Safety Orders and provisions of the Caltrans Construction Manual.
- c. CONSULTANT shall provide appropriate safety training for all CONSULTANT field personnel.
- d. CONSULTANT shall provide all necessary safety equipment as required for CONSULTANT personnel.

10. Project Close Out

- a. CONSULTANT shall prepare a list of items to be completed and/or corrected by the Contractor for final completion of the Project.
- b. CONSULTANT shall collect and furnish as-built information to the design engineer for preparation of as-built, and any other documents required by Caltrans as applicable.
- c. CONSULTANT shall review and verify completeness of as-built drawings.
- d. CONSULTANT shall conduct a final walk-through with SBCTA, Caltrans, Contractors, and design engineers.
- e. CONSULTANT shall prepare final construction reports including the Project Completion Report.
- f. CONSULTANT shall prepare and deliver to SBCTA all Project files including hard copies and electronic files.

- g. CONSULTANT shall assist SBCTA and Contractor in obtaining final release of all Project permits.
- h. Project closeout services will be completed within two months of project acceptance or upon acceptance of the Proposed Final Estimate.

D. DELIVERABLES

1. Inspector daily reports, extra work diaries, SBCTA tentative agreement sheets and Resident Engineers' daily diaries.
2. Monthly Project Summary Reports and SIQMP Monthly Reports.
3. Monthly Contractor progress payments, back-up documentation, and Contractor payment records.
4. Contractor final payment documents, delivered to SBCTA no later than ten (10) working days after Acceptance by SBCTA of the completed construction Project.
5. Project Completion Report documents per Local Assistance Procedure Manual and Caltrans Construction Manual.
6. All Project files, Project reports, Record As-builts, correspondence, memoranda, shop drawings, Project logs, schedule updates, change order data, claims and claim reports, and Contractor payment records per Caltrans Construction Manual.
7. Certified payrolls and fringe benefit statements for all employees, CONSULTANT and Contractor, who are subject to the State and/or Federal prevailing wage rates.

E. EQUIPMENT AND MATERIALS TO BE PROVIDED BY CONSULTANT

1. CONSULTANT shall provide all necessary equipment including software, materials, supplies, miscellaneous tools, phones, vehicles, and safety equipment required for its personnel to perform the services accurately, efficiently, and safely. The above noted items are not to be included in Other Direct Cost (ODC's) of Consultants Cost Proposal and are part of the consultants overhead. Only those items authorized by SBCTA in CONSULTANT Cost Proposal, shall be reimbursed by SBCTA.
2. CONSULTANT personnel shall be provided with vehicles suitable for the location and nature of the work involved. Vehicles shall be equipped with flashing yellow lights, either permanently or temporarily affixed.
3. CONSULTANT personnel shall be provided with a mobile radio, cellular phone, or other means to assure full-time communication. If a radio system is to be used, CONSULTANT shall provide a base station at the field office.

4. CONSULTANT personnel shall be provided with all applicable standard plans, specifications, and other standards as appropriate (see item G below).
5. CONSULTANT shall provide project Office Complex and necessary supplies and equipment.

F. MATERIALS TO BE FURNISHED BY SBCTA

1. SBCTA will provide three (3) copies of all Project construction documents including plans, and special provisions, and one (1) copy of all other reports, designer prepared resident engineer files, and contracts. In addition, SBCTA will provide one (1) full size (24" x 36") sets of plans for use in the construction field office as record documents.
2. SBCTA will provide copies of all previously secured permits and Project authorizations.
3. SBCTA Construction Management Forms including SBCTA Construction Materials Quality Assurance Program, sample SIQMP and appropriate forms for recording test data in accordance with Caltrans practices and procedures outlined in the "Manual of Test".

G. STANDARDS

All construction inspection, surveys, materials sampling and testing, and contract administration shall be in accordance with the Project bid documents, special provisions, plans, and current Caltrans Manuals including:

1. Construction Manual and its revisions
2. Quality Assurance Program Manual
3. Manual of Traffic Controls for Construction and Maintenance Work Zones
4. Caltrans Standard Specifications and Standard Plans
5. Caltrans Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual

Work not covered by the manuals shall be performed in accordance with accepted professional standards.

The Resident Engineer and SBCTA will confer to resolve all questions, which may arise as to the quality or acceptability of deliverables furnished and work performed for this Project and are not otherwise addressed by the contract documents. Any CONSULTANT employee who does not perform adequately will be replaced if directed by the SBCTA Project Manager.

H. AVAILABILITY AND WORK HOURS

The typical workday includes all hours worked by SBCTA's construction Contractor including nights and weekends. The construction Contractor's operations may be restricted to specific hours during the week, which will become the normal workday for CONSULTANT's personnel. On days when work is not performed by the construction contractor, such as rainy or unsuitable weather days, CONSULTANT services will not be provided unless authorized by the SBCTA Project Manager.

Unless otherwise directed by SBCTA, the normal work week will consist of 40 hours. From time to time, overtime may be required. However, overtime will be worked only when approved in writing by SBCTA.

I. LIMITATIONS TO AUTHORITY

CONSULTANT does not have the authority to:

1. Authorize deviations from the contract documents.
2. Approve substitute materials or equipment; except as authorized in writing by SBCTA.
3. Conduct or participate in tests or third-party inspections; except as authorized in writing by SBCTA.
4. Assume any of the responsibilities of the Contractors, Contractors' Superintendent, or subcontractors.
5. Exercise control over or be responsible for construction means, methods, techniques, sequences, procedures, or safety precautions.
6. Communicate directly with subcontractors or material suppliers without the prior consent of the Contractor.
7. Verbally authorize or approve change orders or extra work for the Project.
8. Offer or receive incentives, inducements, or other forms of enumeration to or from the Contractor to perform services or work outside the terms of any executed contracts for this Project.

J. THIRD PARTY RELATIONSHIPS

This engagement is intended to provide unique services for a specific project. In the development of the Project, SBCTA has worked closely with various professional consultants, agencies, and others in the preparation of the construction documents and other Project related materials. SBCTA, however, is solely responsible for and will be the sole point of contact for all contractual matters related to the Project. CONSULTANT shall take direction **only** from SBCTA and shall regularly inform **only** SBCTA of Project progress, outstanding issues, and all Project related matters.

During the course of the Project, CONSULTANT may find occasion to meet with Caltrans, City or County representatives, the design engineer, Project consultants, or other third parties who have assisted with the Project. These entities may, from time to time, offer suggestions and/or recommendations regarding the Project or elements of the Project. While SBCTA enjoys a close relationship with and has considerable confidence in the capabilities of these other parties, CONSULTANT shall not act on any suggestions, solicited or unsolicited, without obtaining specific direction from SBCTA. All oral and written communication with outside agencies or consultants related to the Project shall be directed only to SBCTA. Distribution of Project related communication and information shall be at the sole discretion of SBCTA representatives.

K. CONSTRUCTION SITE SAFETY

In addition to the requirements specified elsewhere in this RFP, the following also will apply.

1. CONSULTANT will conform to the safety provisions of the Caltrans Construction Manual.
2. CONSULTANT's field personnel will wear white hard hats with proper suspension, orange vests with reflective tape, sleeved shirt, long pants, and leather boots with ankle support and rubber soled shoes at all times while working in the field.
3. CONSULTANT will provide appropriate safety training for all CONSULTANT's personnel, including work on and near highways.
4. All safety equipment will be provided by CONSULTANT.

L. PERSONNEL QUALIFICATIONS AND RESPONSIBILITIES

The quantity and qualifications of field personnel to be assigned will be determined by the scope of the Project and the degree of difficulty of required tasks to be performed. Again, all personnel and personnel assignments are subject to approval by SBCTA. While some areas of responsibility may overlap, as a guideline, CONSULTANT personnel assigned to the Project should have the following qualifications:

1. CONSULTANT Project Manager
 - a. A minimum of six (6) years' project management experience on similar highway landscape construction projects is desired.
 - b. Licensed landscape architect in the State of California is desired.
 - c. Accessible to SBCTA at all times during normal working hours.
 - d. Possess a thorough understanding of Caltrans Construction Contract Administration Procedures, Caltrans Construction Practices and Procedures (for both field and office) and Caltrans Erosion Control & Highway Planting Standards.

- e. A thorough understanding of Cal-OSHA practices and procedures.
- f. The CONSULTANT Project Manager will assume the following functional responsibilities:
 - 1) Review, monitor, train, and provide general direction for CONSULTANT personnel.
 - 2) Assign personnel to projects on an as-needed basis.
 - 3) Administer personal leave.
 - 4) Prepare monthly reports for delivery to SBCTA.

2. Resident Engineer

- a. A minimum of eight (8) years' resident engineer experience on similar highway landscaping construction projects is desired.
- b. Licensed Professional Civil Engineer in the State of California.
- c. Licensed Landscape Architect in the State of California is desired.
- d. Ability to work independently, make effective decisions concerning construction work in progress, and solve field problems.
- e. Accessible to SBCTA at all times including weekends and holidays.
- f. Certified as a Qualified SWPPP Developer or Practitioner is desired.
- g. A thorough understanding of Cal-OSHA practices and procedures.
- h. Ability to use appropriate calculations for hydraulic analysis, piping mechanics and strengths of materials as these relate to the design, construction and operation of irrigation systems.
- i. Possess a thorough understanding of Caltrans Construction Contract Administration Procedures, Caltrans Construction Practices and Procedures (for both field and office) and Caltrans Erosion Control & Highway Planting Standards.
- j. Ability to work independently, make effective decisions concerning construction work in progress and solve field problems.
- k. Possess a thorough understanding of all local regulatory requirements pertaining to the Storm Water Pollution Prevention Plan (SWPPP) and the National Pollution Discharge Elimination System (NPDES) as they relate to highway Landscape Construction projects.

- l. Possess a thorough understanding of local ordinances and other regulations regarding water use and water conservation measures as related to landscape irrigation.
 - m. Possess general knowledge of common local plant diseases and pests together with respective methods and procedures used in control and eradication.
 - n. A thorough understanding of Caltrans field methods, practices, and construction office procedures. The Resident Engineer will assume the following functional responsibilities:
 - 1) Monitor and provide daily direction to CONSULTANT construction inspection personnel.
 - 2) Assign field personnel to specific project tasks.
 - 3) Monitor and track Contractor progress.
 - 4) Prepare daily, weekly and monthly reports as required.
 - 5) Coordinate utility service installations and/or relocations with appropriate agencies and the utility inspector.
 - 6) Act as prime field contact between various project Contractors and the SBCTA Project Manager.
3. Licensed Landscape Architect
- a. A minimum of four (4) years' experience on similar construction projects is desired.
 - b. Licensed Professional Landscape Architect in the State of California.
 - c. Ability to work independently, make effective decisions concerning construction work in progress and solve field problems.
 - d. Knowledge of Caltrans construction practices, physical characteristics and properties of highway construction materials, and approved methods and equipment used in making physical tests of construction materials.
 - e. Ability to work independently, make effective decisions concerning construction work in progress, and solve field problems.
 - f. Ability to direct the efforts of subordinate inspectors.
 - g. Accessible to SBCTA at all times including weekends and holidays.

- h. Reasonably accessible to SBCTA during normal working hours.
- i. Certified as a Qualified SWPPP Developer or Practitioner is desired.
- j. Ability to use appropriate calculations for hydraulic analysis, piping mechanics and strengths of materials as these relate to the design, construction and operation of irrigation systems.
- k. Possess a thorough understanding of Caltrans Construction Contract Administration Procedures, Caltrans Construction Practices and Procedures (for both field and office) and Caltrans Erosion Control & Highway Planting Standards.
- l. Possess a thorough understanding of local ordinances and other regulations regarding water use and water conservation measures as related to landscape irrigation.
- m. Possess a thorough understanding of all local regulatory requirements pertaining to the Storm Water Pollution Prevention Plan (SWPPP) and the National Pollution Discharge Elimination System (NPDES) as they relate to highway Landscape Construction projects.
- n. Possess general knowledge of common local plant diseases and pests together with respective methods and procedures used in control and eradication.
- o. Understanding of Caltrans field and construction office procedures. The Landscape Architect will assume the following functional responsibilities:
 - 1) Monitor and provide direction to CONSULTANT inspection personnel concerning contractor compliance with special provisions and plant maintenance.
 - 2) Monitor and track Contractor progress.
 - 3) Prepare daily, weekly and monthly reports as required.

3. Field Inspector

Minimum qualifications shall be as follows:

- a. Eight years (8) construction inspection experience as related to Caltrans or other major highway Landscape Construction projects or a four-year degree in the field of civil engineering or landscape architecture and four years of similar construction experience is desired.
- b. A thorough understanding of Cal-OSHA practices and procedures.
- c. Possess general knowledge of Caltrans Erosion Control & Highway Planting Standards and construction practices, physical characteristics and

properties of landscaping construction materials, and approved methods and equipment used in making physical tests of Landscape Construction materials.

- d. Possess general knowledge of hydraulic analysis, piping mechanics and strengths of materials as these relate to the design, construction and operation of irrigation systems.
- e. Possess a general understanding of local regulatory requirements pertaining to the Storm Water Pollution Prevention Plan (SWPPP) as they relate to highway Landscape Construction projects.
- f. Possess a general understanding of local ordinances and other regulations regarding water use restrictions and water conservation measures as related to landscape irrigation.
- g. Possess general knowledge of common local plant diseases and pests together with respective methods and procedures used in control and eradication.
- h. Possess a general understanding of Caltrans field and construction office procedures.
- i. Ability to direct the efforts of subordinate inspectors.
- j. Ability to use typical computer programs for word processing and preparing spreadsheets.
- k. Ability to work independently, make effective decisions concerning construction work in progress, and solve field problems.
- l. Understanding of Caltrans field and construction office procedures. The Lead Field Inspector will assume the following functional responsibilities:
 - 1) Assist in inspections to assure compliance with contract plans, specifications, and special provisions on all phases of construction.

- 2) Assist in the preparation of contract change orders, contract estimates, progress pay estimates, and other documents or reports required for the Project.
- 3) Coordinate field testing of materials to monitor compliance with Project specifications and Caltrans Quality Assurance Program.
- 4) Maintain accurate and timely Project records. Perform quantity calculations for progress pay estimates.
- 5) Perform analytical calculations such as basic earthwork, grading, profiles, and special staking procedures.
- 6) Provide input for the redesign of facilities to fit existing field conditions.
- 7) Monitor and track Contractor progress. Prepare daily, weekly, and monthly reports as required.

5. Office Engineer

Minimum Qualifications shall be as follows:

- a. Four years (4) construction inspection/office engineering on similar highway Landscape Construction projects is desired.
- b. Knowledge of Caltrans Office of Highway Landscaping Construction forms used to administer construction projects.
- c. Knowledge of Caltrans system of document organization.
- d. Knowledge of construction records and accounting procedures.
- e. Knowledge of documentation, procedures, and reporting for federally funded projects.
- f. Knowledge of laws and regulations governing the payment of prevailing wages.
- g. The Office Engineer will assume the following functional responsibilities:
 - 1) Process monthly progress pay estimates, proposed final estimates, monthly status reports, extra work reports, and weekly statements of working days.
 - 2) Prepare and process contract change orders.

- 3) Monitor construction budget and schedule.
- 4) Prepare, maintain, and/or file project documents including labor and equipment records, correspondence, memoranda, meeting minutes, claims, personnel records, labor compliance reports, material testing and inspection reports and daily, weekly, and monthly reports.
- 5) Perform routine calculations and checking of quantities.
- 6) Coordinate all office activities and functions with SBCTA representatives.

6. Materials Testing/Source Inspection Project Manager

- a. A minimum four (4) years' project management experience on a similar highway/bridge construction project is desired.
- b. Licensed Civil Engineer in the State of California.
- c. Ability to use typical computer programs including word processing and spreadsheets.
- d. The Materials Testing/Source Inspection Project Manager will assume the following functional responsibilities:
 - 1) Review, monitor, train, and provide general direction for CONSULTANT's laboratory, field and source inspection personnel.
 - 2) Assign personnel to projects on an as-needed basis in coordination with the Resident Engineer.
 - 3) Administer personal leave, subject to approval of the Resident Engineer.
 - 4) Prepare monthly reports for delivery to the Resident Engineer.
 - 5) Provide direction, administration, and responsibility for Materials Certification per Caltrans Construction Manual, Section 8-01.

Material testing/source inspection personnel will be certified by a California Registered Civil Engineer as being experienced and competent in the test procedures required for the work involved (and possess a current certificate of proficiency (Form MR-0111) in accordance with Quality Assurance Program Manual (Section 3-5). Independent certification of Caltrans test procedures may be performed at the discretion of the SBCTA Project Manager.

7. Materials Technicians

CONSULTANT personnel provided under this contract will have a variety of skills and experience appropriate for the level of tasks to be assigned. Field personnel shall be certified by Caltrans and should have a minimum of two (2) years' experience in conducting material sampling and testing of the type required for the projects involved and possess the following additional capabilities:

- a. Have the ability to establish specific locations for appropriate tests when construction contract administration personnel are not available.
- b. Be familiar with construction practices and be fully aware of construction activities at the Project site.
- c. Have knowledge of and comply with safety and health regulations and requirements applicable to the Project.
- d. Specific qualifications for technicians are as follows:

1) CONSTRUCTION TECHNICIAN I

- a) Performs a variety of semi-skilled activities. Examples of duties assigned to this classification are:
 - i. Conducting quality control tests such as soil densities, sieve analysis tests, operation scales and inspecting spread operations.
 - ii. Sampling and transporting produced construction materials from point of application or production to testing laboratory.
- b) Knowledge and Skills Required
 - i. Knowledge of tools, equipment and vehicles utilized in construction.
 - ii. Knowledge of standard equipment and materials used for the sampling and testing of construction material.
 - iii. Knowledge of basic mathematics used in the computation of a variety of construction items.
 - iv. Knowledge of record keeping, preparing of documents and reports.

2) CONSTRUCTION TECHNICIAN II

- a) Performs a variety of skilled activities. Examples of duties assigned to this classification are:

- i. Inspecting minor construction items, sampling and inspection of steel reinforcement, sampling and inspection of concrete placing operation.
- ii. Collect and analyze soil samples of construction materials to determine compaction and moisture content.
- iii. Inspection and sampling of all phases of asphalt concrete and PCC paving operation, including plant inspection.
- iv. Confers with construction engineers and contractors regarding construction in progress and is in conformance to specifications and construction plans.
- v. Answers questions and resolves problems.
- vi. Inspects construction in progress to ensure conformance with specification, agreements, and established requirements.
- vii. Keeps daily diary of work progress.
- viii. Prepares reports on all field inspections and submits project quantities on a daily basis.
- ix. Keeps accurate documentation for force accounts and possible claims.

b) Knowledge and Skills Required

- i. All knowledge and skills required of lower classification.
- ii. Knowledge of currently accepted methods, procedures and techniques used in highway construction inspection, survey, materials testing, and quality control equipment.
- iii. Skill in interpersonal relations as applied to contact with contractors, representatives of other governmental jurisdictions, and other SBCTA/Caltrans staff.

3) CONSTRUCTION TECHNICIAN III

- a) Exercises considerable independent judgment within general Caltrans standards and guidelines. Examples of duties assigned to this classification are:
 - i. Inspect Project construction on an ongoing basis to assure compliance with contract and in accordance with State and local standards.
 - ii. Perform a variety of structural material tests and inspections.

- iii. Reviews construction plans and verified that these are in accordance with designated specifications and other requirements.
- iv. Participates in the preparation of completed work estimates, to calculate compensation due contractor.
- v. Examines and verifies numeric data and material specifications on project cost source documents, utilizing geometry and trigonometry calculations.
- vi. Supervises all work activities involved in construction projects, laboratory, and quality control work.
- vii. Recommends approval of proposed Project changes.

b) Knowledge and Skills Required

- i. All knowledge and skills required of lower classifications.
- ii. Knowledge of the principles and practices of Civil Engineering as applied to the construction of state highways.
- iii. Skill in analyzing and evaluating a wide variety of highly technical engineering data, including construction plans, field survey and quality control documents.
- iv. Skill in interpreting and implementing Caltrans standards, policies, procedures and regulations.
- v. Skill in interpersonal relations, as applied to contacts with contractors, representatives of other governmental jurisdictions, and other SBCTA/Caltrans staff.

8. Construction Surveying Project Manager

- a. A minimum four (4) years' project management experience on similar construction projects is desired.
- b. Licensed Surveyor or pre-January 1, 1982 Registered Professional Engineer in the State of California.
- c. Accessible to the Resident Engineer and SBCTA at all times during normal working hours as specified in this Scope of Services.
- d. Under the direction of the Resident Engineer, the Survey Project Manager will be responsible for:
 - 1) Review, monitor, train, and provide general direction for CONSULTANT survey personnel.

- 2) Assign personnel to projects on an as-needed basis.
- 3) Administer personal leave, subject to approval of the Resident Engineer.
- 4) Prepare monthly reports for delivery to the Resident Engineer.

9. Field Party Chief(s)

- a. The person(s) holding the position of Party Chief shall meet at least one of the following licensing requirements:
 - 1) A licensed Land Surveyor in the State of California.
 - 2) A pre-January 1, 1982, Registered Professional Civil Engineer in the State of California.
 - 3) An experienced surveyor who serves as chief under the direction or supervision of a person who is a licensed Land Surveyor or pre-January 1, 1982 Registered Professional Civil Engineer in the State of California. The direction or supervision shall place the supervisor in “responsible charge” of the work. “Responsible Charge” is defined in Chapter 15 of the Business and Professions Code (the Land Surveyor’s Act) and Title 16, Chapter 5, of the California Administrative Code (regulations adopted by the Board of Registration for Professional Engineers and Land Surveyors).
- b. The Party Chief(s) should have a minimum two (2) years’ survey experience on similar construction projects and possess the following additional capabilities:
 - 1) Thorough knowledge of construction survey practices and the ability to read and interpret plans and specifications.
 - 2) Ability to make effective decisions concerning field problems and work in progress.
 - 3) Familiarity with typical coordinate geometry computer programs.
 - 4) Familiarity with safety requirements for surveying near traffic.
- c. The Party Chief(s) will assume the following responsibilities:
 - 1) Perform construction staking services for Project construction.
 - 2) Administer day to day activities for the survey party.

- 3) Perform analytical survey calculations for items such as grading, horizontal and vertical control, right of way, and minor in-field design.
- 4) Maintain continuous communication with the Resident Engineer, field personnel, and construction administration staff.

10. Survey Crews

- a. Qualifications for survey crew members should include the following:
 - 1) A minimum of one (1) year of survey experience on similar construction projects is desired.
 - 2) Fundamental knowledge of construction survey practices and the ability to read and interpret plans and specifications.
 - 3) Ability to assist Party Chiefs and office personnel in all required surveying work.
 - 4) One survey crew member must have the ability to assume temporary leadership of the survey party in the absence of the Party Chief.
- b. Under the direction of the Resident Engineer and the Party Chief, the survey crew members will assume the following responsibilities:
 - 1) Perform basic calculations to support construction staking.
 - 2) Maintain continuous communication with Party Chiefs and office personnel.

END OF SCOPE OF WORK



Construction Management & Inspection Services - Proposed Estimated Hours																			
Pre-Construction / Bid Assistance /Award of Contract																			
				Jun	2024						2025						Totals		
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
Position	Name	Hourly Rate	24-25 Loaded Rates	2015	FY 2024-25 @ 2025 Hourly Rates						FY 2024-25 @ 2025 Hourly Rates						Hrs.	Amount	
Contract Manager	Jagdish Patel, PE	\$ 172.53	\$ 433.56	2.513													0	\$ -	
Resident Engineer, PE	John Gentry, PE	\$ 92.61	\$ 232.72	2.513				2	2	2	2	2					10	\$ 2,327.20	
Resident Engineer Landscape Architect	Matthew Tsugawa, RLA	\$ 81.08	\$ 203.75	2.513				32	32	16	12	12					104	\$ 21,190.00	
Landscape Construction Inspector	Armando Castaneda	\$ 67.64	\$ 183.32	2.71													0	\$ -	
Landscape Construction Inspector (FCG)	Blair Fickett (FCG - sub)	\$ 86.82	\$ 218.53	2.517													0	\$ -	
Landscape Construction Inspector*	Albert Murillo	\$ 67.15	\$ 174.59	2.6													0	\$ -	
Landscape Construction Inspector*	Glenn Forbes, RLA	\$ 75.24	\$ 189.07	2.513													0	\$ -	
Construction Electrical Inspector	John Kannor (DESI - sub)	\$ 75.24	\$ 185.80	2.469				18	18		8	8					52	\$ 9,661.60	
Survey Project Manager	Tim Fettig, PLS (Guida - sub)	\$ 97.24	\$ 335.81	3.453													0	\$ -	
2-Man Survey Team, Party Chief	Mark Petrie, PLS (Guida - sub)	\$ 72.94	\$ 251.90	3.454													0	\$ -	
Instrument Man (Guida)	TBD (Guida - sub)	\$ 60.03	\$ 207.33	3.454															
Chainman (Guida)	TBD (Guida - sub)	\$ 59.36	\$ 205.01	3.454													0	\$ -	
Operation Manager	James Bumham (Leighton - sub)	\$ 58.44	\$ 165.46	2.831													0	\$ -	
Construction Technician	Manuel Garcia (Leighton - sub)	\$ 31.60	\$ 89.48	2.832													0	\$ -	
Construction Technician*	Jeff Santos (Leighton - sub)	\$ 28.26	\$ 80.30	2.841													0	\$ -	
Construction Technician*	Shane Smith (Leighton - sub)																0	\$ -	
Office Engineer	Linda Smoot	\$ 60.00	\$ 150.78	2.513								8					8	\$ 1,206.24	
Office Engineer*	Olimpia Infante	\$ 42.83	\$ 107.63	2.513													0	\$ -	
Labor Compliance Officer	Karen Meadows (Meadow - sub)	\$ 78.32	\$ 123.79	1.581													0	\$ -	
ODC	Vehicle/computer																0	\$ -	
Totals:					0	0	0	52	52	18	22	30	0	0	0	0	2025 Totals:	174	\$ 34,385.04

Construction Management & Inspection Services - Proposed Estimated Hours																			
Landscape Construction - 250 Working Days																			
				Jun	2024						2025						Totals		
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
Position	Name	Hourly Rate	2025 Rates	2015	FY 2024-25 @ 2025 Hourly Rates						FY 2024-25 @ 2025 Hourly Rates						Hrs.	Amount	
Contract Manager	Jagdish Patel, PE	\$ 172.53	\$ 433.56	2.513													0	\$ -	
Resident Engineer, PE	John Gentry, PE	\$ 92.61	\$ 232.72	2.513									12	12	12	12	48	\$ 11,170.56	
Resident Engineer Landscape Architect	Matthew Tsugawa, RLA	\$ 81.08	\$ 203.75	2.513									60	100	100	100	360	\$ 73,350.00	
Landscape Construction Inspector	Armando Castaneda	\$ 67.64	\$ 183.32	2.71										120	120	140	380	\$ 69,661.60	
Landscape Construction Inspector (FCG)	Blair Fickett (sub)	\$ 86.82	\$ 218.53	2.517										120	120	140	380	\$ 83,041.40	
Landscape Construction Inspector*	Albert Murillo	\$ 67.15	\$ 174.59	2.6													0	\$ -	
Landscape Construction Inspector*	Glenn Forbes, RLA	\$ 75.24	\$ 189.07	2.513													0	\$ -	
Construction Electrical Inspector	John Kannor (sub)	\$ 75.24	\$ 185.80	2.469											30	64	94	\$ 17,465.20	
Survey Project Manager	Tim Fettig, PLS (Guida - sub)	\$ 97.24	\$ 335.81	3.453											2	2	4	\$ 1,343.24	
2-Man Survey Team, Party Chief	Mark Petrie, PLS (Guida - sub)	\$ 72.94	\$ 251.90	3.454											8	8	16	\$ 4,030.40	
Instrument Man (Guida)	TBD (Guida - sub)	\$ 60.03	\$ 207.33	3.454											20	20	40	\$ 8,293.20	
Chainman (Guida)	TBD (Guida - sub)	\$ 59.36	\$ 205.01	3.454											20	20	40	\$ 8,200.40	
Operation Manager	James Bumham (Leighton - sub)	\$ 58.44	\$ 165.46	2.831											4	4	8	\$ 1,323.68	
Construction Technician (Leighton)	Manuel Garcia (Leighton - sub)	\$ 31.60	\$ 89.48	2.832											12	12	24	\$ 2,147.52	
Construction Technician (Leighton)	Jeff Santos (Leighton - sub)	\$ 28.26	\$ 80.30	2.841													0	\$ -	
Construction Technician*																	0	\$ -	
Office Engineer	Linda Smoot	\$ 60.00	\$ 150.78	2.513								45	60	60	70		235	\$ 35,433.30	
Office Engineer*	Olimpia Infante	\$ 42.83	\$ 107.63	2.513													0	\$ -	
Labor Compliance Officer	Karen Meadows (sub)	\$ 78.32	\$ 123.79	1.581								8	8	8	8		32	\$ 3,961.28	
ODC	Vehicle/computer		\$710											3	2	2	7	\$ 4,970.00	
Totals:					0	0	0	0	0	0	0	0	125	420	516	600	2025 Totals:	1661	\$ 324,391.78

Attachment: 22-1002707_CTO-12_Attachment-B_Cost Proposal (10493 : I-10 Contract 1 Landscape - IFB Release & CM Award)



Construction Management & Inspection Services - Proposed Estimated Hours																		
Landscape Construction - 250 Working Days				2025						2026						Totals		
Position	Name	Hourly Rate	2026 Rates	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Hrs.	Amount	
				20	20	20	22	16	16	20	17	19	19					
				FY 2025-26 @ 2026 Hourly Rates						FY 2025-26 @ 2026 Hourly Rates								
Contract Manager	Jagdish Patel, PE	\$ 181.16	\$ 455.25													0	\$ -	
Resident Engineer, PE	John Gentry, PE	\$ 97.24	\$ 244.36	12	12	12	12	12	12	12	12	12	12			120	\$ 29,322.72	
Resident Engineer Landscape Architect	Matthew Tsugawa, RLA	\$ 85.13	\$ 213.93	100	100	100	100	100	100	100	100	100	100			1000	\$ 213,927.50	
Landscape Construction Inspector	Armando Castaneda	\$ 71.02	\$ 184.09	120	120	120	120	120	120	120	120	120	120			1200	\$ 220,908.00	
Landscape Construction Inspector (FCG)	Blair Fickett (sub)	\$ 91.16	\$ 229.45	116	116	116	116	116	120	120	120	120	120			1180	\$ 270,746.87	
Landscape Construction Inspector*	Albert Murillo	\$ 70.51	\$ 177.19													0	\$ -	
Landscape Construction Inspector*	Glenn Forbes, RLA	\$ 79.00	\$ 198.52													0	\$ -	
Construction Electrical Inspector	John Kannor (sub)	\$ 79.00	\$ 195.08	80	80	80	80	80	80	80						560	\$ 109,244.80	
Survey Project Manager	Tim Fettig, PLS (Guida - sub)	\$ 102.10	\$ 352.60	2	2	2										6	\$ 2,115.60	
2-Man Survey Team, Party Chief	Mark Petrie, PLS (Guida - sub)	\$ 76.59	\$ 264.50	8	8	8										24	\$ 6,347.88	
Instrument Man (Guida)	TBD (Guida - sub)	\$ 63.04	\$ 217.69	20	20	20										60	\$ 13,061.19	
Chainman (Guida)	TBD (Guida - sub)	\$ 62.33	\$ 215.26	20	20	20										60	\$ 12,915.63	
Operation Manager	James Bumham (Leighton - sub)	\$ 61.36	\$ 173.73	4	4	4	4	4								20	\$ 3,474.60	
Construction Technician (Leighton)	Manuel Garcia (Leighton - sub)	\$ 33.18	\$ 93.96	30	30	30	30	30								150	\$ 14,094.00	
Construction Technician (Leighton)	Jeff Santos (Leighton - sub)	\$ 29.78	\$ 84.32													0	\$ -	
Construction Technician*																0	\$ -	
Office Engineer	Linda Smoot	\$ 63.01	\$ 158.33	65	65	65	65	65	65	50	50	50	50			590	\$ 93,414.11	
Office Engineer*	Olimpia Infante	\$ 44.97	\$ 113.01													0	\$ -	
Labor Compliance Officer	Karen Meadows (sub)	\$ 81.46	\$ 128.74	8	8	8	12	12	12	8	8	8	8			92	\$ 11,844.08	
ODC	Vehicle/computer		\$710	4	4	4	4	4	3	3	3	3	3			35	\$ 24,850.00	
Totals:				585	585	585	539	539	509	490	410	410	410	0	0	2026 Totals:	5062	\$ 1,026,266.98

Construction Management & Inspection Services - Proposed Estimated Hours																			
Plant Establishment - 250 Working Days /Project Closeout				Jun	2025						2026						Totals		
Position	Name	Hourly Rate	2026 Rates	2015	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Hrs.	Amount	
				FY 2025-26 @ 2026 Hourly Rates						FY 2025-26 @ 2026 Hourly Rates									
Contract Manager	Jagdish Patel, PE	\$ 181.16	\$ 455.25														0	\$ -	
Resident Engineer, PE	John Gentry, PE	\$ 97.24	\$ 244.36											2	4	4	10	\$ 2,443.60	
Resident Engineer Landscape Architect	Matthew Tsugawa, RLA	\$ 85.13	\$ 213.93											12	12	12	36	\$ 7,701.48	
Landscape Construction Inspector	Armando Castaneda	\$ 71.02	\$ 184.09											16	16	16	48	\$ 8,836.32	
Landscape Construction Inspector (FCG)	Blair Fickett (sub)	\$ 91.16	\$ 229.45														0	\$ -	
Landscape Construction Inspector*	Albert Murillo	\$ 70.51	\$ 177.19														0	\$ -	
Landscape Construction Inspector*	Glenn Forbes, RLA	\$ 79.00	\$ 198.52														0	\$ -	
Construction Electrical Inspector	John Kannor (sub)	\$ 79.00	\$ 195.08														0	\$ -	
Survey Project Manager	Tim Fettig, PLS (Guida - sub)	\$ 102.10	\$ 352.60														0	\$ -	
2-Man Survey Team, Party Chief	Mark Petrie, PLS (Guida - sub)	\$ 76.59	\$ 264.50														0	\$ -	
Instrument Man (Guida)	TBD (Guida - sub)	\$ 63.04	\$ 217.69														0	\$ -	
Chainman (Guida)	TBD (Guida - sub)	\$ 62.33	\$ 215.26														0	\$ -	
Operation Manager	James Bumham (Leighton - sub)	\$ 61.36	\$ 173.73														0	\$ -	
Construction Technician (Leighton)	Manuel Garcia (Leighton - sub)	\$ 33.18	\$ 93.96														0	\$ -	
Construction Technician (Leighton)	Jeff Santos (Leighton - sub)	\$ 29.78	\$ 84.32														0	\$ -	
Construction Technician*																	0	\$ -	
Office Engineer	Linda Smoot	\$ 63.01	\$ 158.33											8	8	8	24	\$ 3,799.90	
Office Engineer*	Olimpia Infante	\$ 44.97	\$ 113.01														0	\$ -	
Labor Compliance Officer	Karen Meadows (sub)	\$ 81.46	\$ 128.74											4	4	4	12	\$ 1,544.88	
ODC	Material testing		LS														0	\$ -	
Totals:				0	0	0	0	0	0	0	0	0	0	42	44	44	2026 Totals:	130	\$ 24,326.18

Attachment: 22-1002707_CTO-12_Attachment-B_Cost Proposal (10493 : I-10 Contract 1 Landscape - IFB Release & CM Award)



Construction Management & Inspection Services - Proposed Estimated Hours																			
Plant Establishment - 250 Working Days /Project Closeout				2026						2027						Totals			
				Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
				2015	21	21	19	21	16	17	17	17	21	21	16				
Position	Name	Hourly Rate	2027 Rates	FY 2026-27 @ 2027 Hourly Rates						FY 2026-27 @ 2027 Hourly Rates						Hrs.	Amount		
Contract Manager	Jagdish Patel, PE	\$ 190.22	\$ 478.01													0	\$ -		
Resident Engineer, PE	John Gentry, PE	\$ 102.10	\$ 256.58	4	4	4	4	4	4	4	4	4	4	4	4	48	\$ 12,315.74		
Resident Engineer Landscape Architect	Matthew Tsugawa, RLA	\$ 89.39	\$ 224.63	12	12	12	12	12	12	12	12	16	16	50	50	228	\$ 51,214.84		
Landscape Construction Inspector	Armando Castaneda	\$ 74.57	\$ 193.29	16	16	16	16	16	16	16	16	16				144	\$ 27,834.41		
Landscape Construction Inspector (FCG)	Blair Fickett (sub)	\$ 95.72	\$ 240.92													0	\$ -		
Landscape Construction Inspector*	Albert Murillo	\$ 74.04	\$ 186.05													0	\$ -		
Landscape Construction Inspector*	Glenn Forbes, RLA	\$ 82.95	\$ 208.45													0	\$ -		
Construction Electrical Inspector	John Kannor (sub)	\$ 82.95	\$ 204.83													0	\$ -		
Survey Project Manager	Tim Fettig, PLS (Guida - sub)	\$ 107.21	\$ 370.23													0	\$ -		
2-Man Survey Team, Party Chief	Mark Petrie, PLS (Guida - sub)	\$ 80.41	\$ 277.72													0	\$ -		
Instrument Man (Guida)	TBD (Guida - sub)	\$ 66.19	\$ 228.58													0	\$ -		
Chainman (Guida)	TBD (Guida - sub)	\$ 65.45	\$ 226.02													0	\$ -		
Operation Manager	James Bumham (Leighton - sub)	\$ 64.43	\$ 182.42													0	\$ -		
Construction Technician (Leighton)	Manuel Garcia (Leighton - sub)	\$ 34.84	\$ 98.66													0	\$ -		
Construction Technician (Leighton)	Jeff Santos (Leighton - sub)	\$ 31.27	\$ 88.54													0	\$ -		
Construction Technician*																0	\$ -		
Office Engineer	Linda Smoot	\$ 66.16	\$ 166.25	4	4	4	4	4	4	4	4	4	4	8	70	118	\$ 19,616.96		
Office Engineer*	Olimpia Infante	\$ 47.22	\$ 118.66													0	\$ -		
Labor Compliance Officer	Karen Meadows (sub)	\$ 84.72	\$ 133.89	4	4	4	4	4	4	4	4	4	4	4	12	56	\$ 7,497.84		
ODC	Material Testing Cost		LS													1	\$ 7,434.00		
Totals:				40	40	40	40	40	40	40	40	40	44	28	66	136	2027 Totals:	594	\$ 125,913.80

I. Pre-Construction Services @ 2025 Hourly Rates:	7/01/2024 - 6/30/2025 Totals:	\$ 34,385.04
II. Landscape Construction CM @ 2025 Hourly Rates:	7/01/2025 - 6/30/2026 Totals:	\$ 324,391.78
II. Landscape Construction CM @ 2026 Hourly Rates:	7/1/2025 - 6/30/2026 Totals:	\$ 1,026,266.98
III. Plant Establishment @ 2026 Hourly Rates:	7/1/2026 - 12/31/2026 Totals:	\$ 24,326.18
III. Plant Establishment / Project Closeout @ 2027 Hourly Rates:	1/1/2027 - 6/30/2027 Totals:	\$ 125,913.80

Proposed Contract Total: \$ 1,535,283.78

Notes:

- * Denote alternate TRC Construction Management and Inspection personnel
- ** Contract 22-1002707 End Date is November 30, 2026
- Subconsultant: GUIDA Surveying, Inc. (Guida)
- Subconsultant: Leighton & Associates
- Subconsultant: FCG, DBE certified
- Subconsultant: Dynamic Engineering Services, Inc., DBE certified (DESI)
- Subconsultant: Karen Meadows, Meadows Consulting, DBE certified

1. Prevailing Wages specified are based on current DIR determination. Any future DIR escalation of prevailing wage rates will be reflected in the loaded rates.
2. The billing rates shown in this cost proposal for field staff entitled to PW rates calculated with fringe benefits of the staff. The actual billing rates to be used in the invoices will be calculated by using the actual PW fringe benefits of the individual staff in accordance with the certified benefits statement submitted with each invoice.
3. Proposed hours are for providing the basic level of service to manage and oversee the work for a landscape construction and plant establishment contract. Any additional hours encumbered due to high incidence of vandalism, damage caused by homeless encampments, or damaged caused by the traveling public will be subject to review as extra work. SBCTA will be notified in advance of any extenuating circumstances impacting the costs of this CTO Proposal.
4. TRC, FCG, DESI, Guida, Meadows Consulting and Leighton & Associates hourly rates after July 1, 2026 are calculated using a 5% escalation rate in accordance with SBCTA Contract No. 22-1002707.
5. Per Contract No. 22-1002707, the contract end date is November 30, 2026.
6. Cost proposal is based on 95% plans submitted by SBCTA.
7. Breakdown of ODC for material testing cost is submitted separately.

Minute Action

AGENDA ITEM: 8

Date: *November 14, 2024*

Subject:

Interstate 10 Corridor Freight and Express Lanes Project - Contract 1 Amendments and Funding Update

Recommendation:

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

A. Authorize the Executive Director, or his designee, to execute Amendment No. 6 to Cooperative Agreement No. 17-1001736 with California Department of Transportation (Caltrans) for the Design-Build and Right-of-Way (ROW) phases of the Interstate 10 (I-10) Corridor Freight and Express Lanes Project - Contract 1 (Project) reflecting funding changes between phases, as detailed in Table 1 – Funding Plan Update, resulting in a decrease of Measure I funding of \$199,548 for a new cooperative agreement total of \$872,536,198, upon approval as to form by SBCTA General Counsel.

B. Approve a contingency reduction in the amount of \$1,000,000 to Contract No. 16-1001530 with HNTB Corporation, for Project and Construction Management services for the Project, for a total remaining contingency of \$2,000,129.

C. Authorize the Executive Director, or his designee, to negotiate and execute ROW agreements to accommodate I-10 improvements for properties bearing Assessor Parcel Numbers 1008-26-145, 1009-14-443, 0108-50-150, 0108-38-207, and 0108-50-146, which are estimated not-to-exceed \$200,000 per property, upon approval as to form by legal counsel.

D. Approve Project budget shifts as shown within Table 1 - Funding Plan Update.

E. Authorize the Executive Director, or his designee, to approve Amendment No. 1 to Contract Task Order No. 6 for Contract No. 23-1002995 to Costin Public Outreach Group, Inc. to provide ongoing marketing support for the Project, increasing the not-to-exceed amount by \$192,500 for a new not-to-exceed amount of \$602,500.

Background:

The Interstate 10 (I-10) Corridor Freight and Express Lanes Project - Contract 1 (Project), San Bernardino County Transportation Authority's (SBCTA) first Design-Build (DB) Express Lanes project, managed by a combination of in-house staff, consultants, and California Department of Transportation (Caltrans) team members, is currently near completion. Due to the magnitude and financing of the Project, financial reporting is required to both the Federal Highway Administration (FHWA) and the U.S. Department of Transportation (USDOT). FHWA has designated the Project as a Major Project, since the Project has an alternative delivery method employed. As such, SBCTA is required to annually update the Project's financial plan for issuance to FHWA for review and approval. In addition, monthly reporting to USDOT is required as part of the Transportation Infrastructure Finance and Innovation Act loan.

To fully update and reconcile the Project costs required for the successful completion of the Project, staff recommends that the SBCTA Board of Directors (Board) review and authorize necessary contractual changes and financial adjustments discussed herein, with a net zero change in the amount programmed for the Project.

Entity: San Bernardino County Transportation Authority

In January 2023, the Board approved a budget increase in the amount of \$14,012,063, for a revised programmed amount of \$943.1 million, to account for additional Caltrans and Project Construction Management (PCM) support provided by HNTB Corporation due to delays in Project construction. In March 2023, the Board approved a budget increase in the amount of \$5.8 million, for a revised programmed amount of \$948.9 million, to account for additional Program Management, Public Outreach, and Project Development support as well as Transportation Corridor Agencies (TCA) startup costs.

Also in March 2023, the Board approved a Sole Source agreement (Contract No. 23-1002956) with Theodora Oringer, P.C. (TO) with a not-to-exceed amount of \$650,000 for legal representation related to contractor claims and litigation. In September 2023, the TO agreement was increased by \$2,050,000 to support mediation and pre-litigation efforts. Following unsuccessful mediation, the TO agreement was increased by \$14,085,743 in March 2024 to cover representation regarding contractor claims and litigation for a revised not-to-exceed contract amount of \$16,785,743. The March 2024 Board action that included the TO contract amendment authorized a total Project budget increase of \$14,133,671 to the current programmed amount of \$948.9 million, representing a 1.5% increase, for a revised programmed amount of \$963.0 million as shown in Table 1.

The express lanes were opened to the public on August 29, 2024. Currently, significant work has been completed, with the Project approximately 97% complete, though many work items are outstanding for the contractor to achieve Substantial Completion. Lane-Security Paving Joint Venture (LSPJV) and SBCTA teams are working closely to reach this milestone in the next four to six weeks.

Considering this, and upon review of all related I-10 contracts, staff has reviewed the current Project budget and recommends incorporating several funding refinements and updates as shown in Table 1. As noted below, staff developed a 'net zero' budgeting approach, by adjusting budgets accordingly to complete remaining work, with no change to the programmed amount of \$963.0 million as shown in Table 1.

Program Management (PM)

Accounting for the DB Contractors forecast delay in completing construction resulting in an extended Project duration, a budget shift of \$970,000 is necessary to update the ongoing projected PM support efforts required to fully manage and close-out final claims and other Project activities, as shown in Table 1 on the following page.

Board of Directors Metro Valley Study Session Agenda Item

November 14, 2024

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Table 1 - Funding Plan Update (November 2024)

	Original Budget	March/July 2023 Update	March 2024 Update	November 2024 Update	Budget Increase/ (Decrease)
Program Management	\$15,625,530	\$14,325,530	\$14,465,530	\$15,435,530	\$970,000
Preliminary Engineering and Environmental	\$8,828,472	\$8,828,472	\$8,828,472	\$8,828,472	\$0
Project Development	\$8,607,500	\$11,007,500	\$25,022,796	\$25,022,796	\$0
Project Construction Management	\$51,994,950	\$76,311,934	\$79,311,934	\$79,311,934	\$0
Project Construction Management Contingency	\$1,005,050	\$3,000,129	\$3,000,129	\$2,000,129	(\$1,000,000)
Caltrans Support (PE)	\$1,400,000	\$400,000	\$350,000	\$450,000	\$100,000
Caltrans Support (Right-of-Way/DB Construction)	\$17,900,000	\$23,000,000	\$23,000,000	\$24,300,000	\$1,300,000
Design Build Contract	\$672,900,000	\$685,678,938	\$697,856,430	\$689,999,403	(\$10,922,183)
Design Build Contingency/ Supplemental Work	\$73,265,930	\$39,086,992	\$26,909,500	\$23,844,344	
Toll Service Provider w/Contingency (Capital Only)	\$20,405,596	\$20,405,596	\$21,972,971	\$21,972,971	\$0
Toll Collection System w/Contingency	\$0	\$1,000,000	\$1,600,000	\$1,600,000	\$0
Right of Way	\$46,000,000	\$54,300,000	\$53,300,000	\$50,513,822	(\$2,786,178)
Landscape Construction/ Design & Support				\$14,938,361	\$14,938,361
Landscape Maintenance	\$4,200,000	\$4,200,000	\$4,200,000	\$1,600,000	(\$2,600,000)
Financial Costs	\$6,964,000	\$7,364,000	\$3,225,000	\$3,225,000	\$0
Total	\$929,097,028	\$948,909,091	\$963,042,762	\$963,042,762	\$0

Project Construction Management (PCM) and Caltrans Support

In December 2016, the Board approved Contract No. 16-1001530 with HNTB Corporation to provide PCM services for the Project. The PCM contract was amended in January 2023 to account for the DB Contractor forecast delay in completing Project construction to \$76,311,934 and an additional \$3,000,000 in contingency was approved. In March 2024, the Board approved a budget increase of \$3,000,000 for additional legal activities and other support work, increasing the contract value to \$79,311,934. Considering the current Project progress and the amount of construction work remaining, staff recommends reducing the contingency by \$1,000,000 to accommodate separate cost increases for extended Caltrans support costs and inspection efforts. This contingency reduction allows the Caltrans support work to be fully funded and assists in achieving a net zero budget refinement as described herein.

No contract amendment or change in the PCM contract value is necessary at this time, though this action reduces contingency by \$1,000,000, resulting in a total revised PCM budget of \$81,312,063.

Separately, during a recent I-10 PCM contract review, staff also identified funding adjustments necessary to accommodate PCM tolling support work, requiring a transfer of Surface Transportation Program federal funds required for the I-10 Corridor Contract 1 Toll System Provider (TSP) support from I-10 DB support. This transfer will administratively shift \$300,000 of PCM funding from the DB Contract support work to the TSP support work and will not affect the total contract amount.

DB Construction Contract

Upon review of the status of I-10 DB construction work completed to date, staff has identified other support work, including Freeway Service Patrol (FSP) and California Highway Patrol (CHP)/Construction Zone Enhanced Enforcement Program (COZEEP) efforts, which is part of the current I-10 DB construction effort and for which funding exceeds anticipated remaining Project needs. These efforts, specifically required for I-10 maintenance of traffic, lane closures, and shoulder closure support, are compensated separately by the contractor, thus they are not paid by SBCTA. In review of recent Project expenditures, excess budget for these support efforts may be shifted for other I-10 work, totaling \$2,000,000 for CHP/COZEEP and FSP services. Reallocation of these budget amounts to other I-10 costs as shown in Table 1 will result in budget efficiencies. Additionally, \$8,922,183 has been removed, by deduct change order, from the DB contract value for landscape work as described below.

ROW Acquisition

Separately, during a recent I-10 Project ROW review of the required property mitigation work, staff has identified additional cost-to-cure agreements to complete work on two remaining properties including:

1. Church of Christ (APN 1008-26-145)
2. Cimmaron Oaks (APN 1009-14-443)

Upon review of these two properties, the agreements would compensate each property owner for implementation of additional grading, drainage, and pavement improvements and fully mitigate the construction impacts.

In addition, three remaining properties require additional temporary and/or permanent easements to finish incomplete, non-conforming drainage work, thus necessitating additional property agreements for:

1. Cubesmart (APN: 0108-50-150)
2. Royce Fernwood LLC (APN: 0108-38-207)
3. W & W Ontario Partners LLC (APN: 0108-50-146)

Since part of this work is required to construct drainage improvements and/or mitigate the impacts related within the temporary construction easements to remedy non-conforming construction work, part of these funds will be administratively shifted from the DB Construction Contract budgets accordingly. No additional Project budget is required to execute these property agreements, estimated at approximately \$200,000 per property. These costs could potentially be recovered from the DB contractor in the future.

San Bernardino County Transportation Authority

Upon further review of the status of ROW acquisition activities completed to date, staff has identified remaining budget savings that may be shifted and utilized for other project work. With all primary ROW activities completed, \$1,470,178 of the remaining budget can be shifted and used for other activities as shown in Table 1.

ROW Utilities

Upon review of the status of ROW Utility work completed to date, staff has also identified remaining utility budgets that may be shifted and utilized for other Project work. With a majority of the utility work completed at this time, \$1,316,000 of the remaining budget can be shifted for other Project costs as shown in Table 1.

Landscape Work

With the I-10 landscape work remaining that will be designed and constructed under a separate contract, staff requires adjusting the related landscape budgets accordingly for final implementation. These budget updates will fully fund the design, construction, construction management, and the Establish Existing Planting (EEP) contracts as shown in Table 2. Note, the landscape construction, specifically included within the I-10 DB construction contract, requires staff to process and finalize deducted work change orders to fund and reconcile these budgets.

Table 2 – Landscape Work Budgets

Contract No.	Agreement	Anticipated Budget Amount
23-1003002	Caltrans Design Cooperative Agreement	\$100,000
23-1002903	Design Contract	\$1,489,548
24-1003144	Construction Contract	\$11,760,000
24-1003181	Construction Management	\$1,688,813
TBD (future)	Landscape Maintenance (2-year EEP)	\$1,600,000

The budget savings in other I-10 contracts, and the deduct change order for landscape construction work, will be utilized and shifted for other I-10 landscape costs as shown in Table 1.

Caltrans Cooperative Agreement Amendment

To complete the amendment and implement the Funding Plan Updates shown within Table 1, amendments and certain fund programming allocations are necessary at this time. Amendment No. 6 to Cooperative Agreement No. 17-1001736 is needed with Caltrans to update the current funding plan by phase and by use of funds. Because this Cooperative Agreement does not account for all Project costs, these changes result in an overall decrease of \$199,548 to the Cooperative Agreement amount for a total of \$872,536,198.

Marketing Support

The Costin Public Outreach Group, Inc. (CPOG) has provided marketing support for the Project in anticipation of the new service. Unfortunately, the project experienced various delays in opening the new lanes, disrupting the marketing plan in the early stages. The current Contract Task order No. 6, resourced \$410,000.00 toward marketing with the original opening anticipated to occur in May 2024. Due to the delays in opening the new lanes for service, the marketing needs for the service were elongated to sustain communications established with the public.

However, primary marketing elements are still required to adequately support the drive for more SB Express Lanes users. The resources identified in Amendment No. 1 to Contract Task Order No. 6 for Contract No. 23-1002995, in a not-to-exceed amount of \$192,500, to be funded with \$102,500 of Measure I Freeway Program funds currently in the Project budget and \$90,000 of express lanes revenue currently in the operations budget, for a new total not-to-exceed amount of \$602,500, will allow the marketing team to execute the primary marketing commitments in line with the original plan.

With these contract amendments and funding updates, staff will be able to progress toward the completion of all construction work in the coming months, without the need of a cost increase at this time. Additionally, various receivables that were previously unaccounted for allow for a reduction of \$711,473 in Measure I Freeway Program funds, for a new total allocation of \$92,380,059 for the Project. All other fund sources remain unchanged. Staff will keep the Board apprised of any developments related to necessary budget adjustments as Project Completion and Final Acceptance near.

Staff recommends approval of all items discussed herein for all recommendations outlined above.

Financial Impact:

The Project is included in the adopted Budget for Fiscal Year 2024/2025 and funded with various State, Federal, Local and Measure I Freeway and Interchange funds in Program 40, Project Delivery.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel, Enterprise Risk Manager, and Procurement Manager have reviewed this item and the draft amendment.

Responsible Staff:

Timothy Byrne, Director of Express Lanes

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

General Contract Information

Contract No: 17-1001736 Amendment No.: 6
 Contract Class: Receivable Department: Toll Operations
 Customer ID: 00450 Customer Name: Caltrans
 Description: I-10 Corridor Design Build (DB) Cooperative Agreement
 List Any Accounts Payable Related Contract Nos.: c08112 16-1001530 17-1001590 17-1001668 PSA 6053-130

Dollar Amount					
Original Contract	\$	100,033,440.00	Original Contingency	\$	-
Prior Amendments	\$	186,439,560.00	Prior Amendments	\$	-
Prior Contingency Released	\$	-	Prior Contingency Released (-)	\$	-
Current Amendment	\$	-	Current Amendment	\$	-
Total/Revised Contract Value	\$	286,473,000.00	Total Contingency Value	\$	-
Total Dollar Authority (Contract Value and Contingency)				\$	286,473,000.00

Contract Authorization

Board of Directors Date: 12/04/2024 Committee _____ Item # _____

Contract Management (Internal Purposes Only)

Federal/State _____ Funding Agreement _____ N/A

Accounts Receivable

Total Contract Funding: \$ 286,473,000.00 Funding Agreement No: DA08-1645.17-1001736
 Beginning POP Date: 06/28/2017 Ending POP Date: N/A Final Billing Date: N/A
 Expiration Date: 12/31/2039 Fund Admin: N/A

Sub-							Sub-						
Fund	Prog	Task	Task	Revenue	Total Contract Funding:		Fund	Prog	Task	Task	Revenue	Total Contract Funding:	
GL: 2550	40	0820	0823	42205006	109,542,000.00		GL:					-	
GL: 2550	40	0820	0823	42205009	8,213,000.00		GL:					-	
GL: 2704	40	0820	0823	42217705	64,000,000.00		GL:					-	
GL: 2704	40	0820	0823	42217705	53,831,000.00		GL:					-	
GL: 2701	40	0820	0823	42217702	6,169,000.00		GL:					-	
GL: 2520	40	0820	0823	42202014	39,745,000.00		GL:					-	
GL: 2580	40	0820	0823	42208010	4,973,000.00		GL:					-	
GL:					-		GL:					-	
GL:					-		GL:					-	

Chad Costello
Project Manager (Print Name)

Tim Byrne
Task Manager (Print Name)

Additional Notes: Amendment 6 updates the STP and CMAQ changes between phases in funding tables. No changes to TCEP/STIP/SHOPP/TCIF/LPP shown above.

Attachment: CSS-17-1001736-06 draft [Revision 1] (10965 : I-10 Corridor Freight & Express Lanes Project Amendments & Funding Update)

Agreement 08-1645 A-6

EA 0C251

Project ID 0816000076

07-LA-10-44.9/48.3

08-SBD-10-0.0/13.2

SBCTA Agreement 17-1001736-06

**AMENDMENT NO. 6 TO AGREEMENT 08-1645
FOR DESIGN-BUILD OF THE INTERSTATE 10 CORRIDOR CONTRACT 1
EXPRESS LANES PROJECT**

This Amendment No. 6 (AMENDMENT) to Agreement 08-1645 (AGREEMENT), effective on _____, is between the State of California, acting through its Department of Transportation, referred to as CALTRANS, and:

San Bernardino County Transportation Authority, a public corporation/entity, referred to hereinafter as SBCTA.

RECITALS

1. CALTRANS and SBCTA, collectively referred to as PARTIES, entered into an AGREEMENT on July 28, 2017, defining the terms and conditions of PROJECT to include two express lanes in each direction, including the EXPRESS LANES TOLL FACILITY and related improvements on the Interstate-10 corridor from 0.4 miles west of the White Avenue overcrossing to 0.2 miles west of the Cherry Avenue overcrossing.
2. The PARTIES entered into Amendment No. 1 to AGREEMENT 08-1645, on March 16, 2018, to identify BETTERMENTS as State rehabilitation work defined within EA 1H321 and also EA 1F550 within the PROJECT identified herein.
3. The PARTIES entered into Amendment No. 2 to AGREEMENT 08-1645, on June 26, 2018, to modify and update the PROJECT Funding and Spending Summaries and include SB-1 language into the coop.
4. The PARTIES entered into Amendment No. 3 to AGREEMENT 08-1645, on July 12, 2021, to modify and update the PROJECT Funding and Spending Summaries.
5. The PARTIES entered into Amendment No. 4 to AGREEMENT 08-1645, on July 17, 2023, to modify and update the PROJECT Funding and Spending Summaries.
6. The PARTIES entered into Amendment No. 5 to AGREEMENT 08-1645, on July 10, 2024, to modify and update the PROJECT Funding and Spending Summaries.
7. The PARTIES now seek to update the funding for this AGREEMENT, replacing FUNDING SUMMARY No. 05, with FUNDING SUMMARY No. 06.

Agreement 08-1645 A-6

EA 0C251

Project ID 0816000076

07-LA-10-44.9/48.3

08-SBD-10-0.0/13.2

SBCTA Agreement 17-1001736-06

IT IS THEREFORE MUTUALLY AGREED:

1. A revised FUNDING SUMMARY NO. 6 is attached and made part of the AGREEMENT. Any reference to the FUNDING SUMMARY in the AGREEMENT is deemed to refer to the revised FUNDING SUMMARY NO. 6 attached herein.
2. All other terms and conditions of the AGREEMENT shall remain in full force and effect.
3. This AMENDMENT is deemed to be included and made a part of the AGREEMENT.

SIGNATURES ON NEXT PAGE

DRAFT

Agreement 08-1645 A-6
EA 0C251
Project ID 0816000076
07-LA-10-44.9/48.3
08-SBD-10-0.0/13.2
SBCTA Agreement 17-1001736-06

SIGNATURES

PARTIES are empowered by the law to enter into this AMENDMENT and have delegated to the undersigned the authority to execute this AMENDMENT on behalf of the respective agencies and covenants to have followed all the necessary legal requirements to validly execute this AMENDMENT.

This AMENDMENT may be executed and delivered in counterparts, and by each PARTY in a separate counterpart, each of which when so executed and delivered shall constitute an original and all of which taken together shall constitute one and the same instrument.

The PARTIES acknowledge that executed copies of this AMENDMENT may be exchanged by facsimile or email, and that such copies shall be deemed to be effective as originals.

**STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

**SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY**

Catalino A. Pining III
District Director

Raymond W. Wolfe
Executive Director

Verification of funds and authority:

APPROVED AS TO FORM:

Corina Harriman
District Budget Manager

Julianna K. Tillquist
General Counsel

**CERTIFIED AS TO FINANCIAL TERMS
AND POLICIES:**

Darwin Salmos
HQ Accounting

Attachment: 17-1001736-06 (08-645 A6) (10965 : I-10 Corridor Freight & Express Lanes Project Amendments & Funding Update)

Agreement 08-1645 A-6
 EA 0C251
 Project ID 0816000076
 07-LA-10-44.9/48.3
 08-SBD-10-0.0/13.2
 SBCTA Agreement 17-1001736-06

FUNDING SUMMARY NO. 06

FUNDING TABLE (\$) v. 11							
IMPLEMENTING AGENCY →			SBCTA	SBCTA	SBCTA	SBCTA	Totals
Source	Party	Fund Type	ROW Support	ROW Capital	Construction Support	Construction Capital	
FEDERAL	SBCTA	CMAQ	3,861,450	28,953,111		88,051,439	120,866,000
LOCAL	SBCTA	TIFIA				225,000,000	225,000,000
LOCAL	SBCTA	LOCAL	3,947,050	17,211,884	353,518	76,812,332	98,324,784
LOCAL	SBCTA	STP			65,972,947	75,899,467	141,872,414
LOCAL	SBCTA	STIP				39,745,000	39,745,000
STATE	SBCTA	TCIF				4,973,000	4,973,000
LOCAL	SBCTA	LPP-Formula				6,169,000	6,169,000
LOCAL	SBCTA	TCEP Regional				53,831,000	53,831,000
STATE	CALTRANS	TCEP State				64,000,000	64,000,000
STATE	CALTRANS	SHOPP 1			11,000,000	98,542,000	109,542,000
STATE	CALTRANS	SHOPP 2				8,213,000	8,213,000
Totals			7,808,500	46,164,995	77,326,465	741,236,238	872,536,198

Attachment: 17-1001736-06 (08-645 A6) (10965 : I-10 Corridor Freight & Express Lanes Project

Agreement 08-1645 A-6
 EA 0C251
 Project ID 0816000076
 07-LA-10-44.9/48.3
 08-SBD-10-0.0/13.2
 SBCTA Agreement 17-1001736-06

Attachment: 17-1001736-06 (08-645 A6) (10965 : I-10 Corridor Freight & Express Lanes Project

SPENDING SUMMARY (\$)									
Fund Type	ROW				Construction				Totals
	Support		Capital		Support		Capital		
	CALTRANS	SBCTA	CALTRANS	SBCTA	CALTRANS	SBCTA	CALTRANS DFM	SBCTA	
Local (TSP)	0	0	0	0	0	0	0	0	0
STP (TSP)	0	0	0	0	0	2,391,551	0	20,482,612	22,874,163
Local (DB)	0	3,947,050	0	17,211,884	0	353,518	500,000	62,863,519	84,875,971
TIFIA (DB)	0	0	0	0	0	0	0	225,000,000	225,000,000
CMAQ (DB)	0	3,861,450	0	28,953,111	0	0	0	88,051,439	120,866,000
STP (DB)	0	0	0	0	24,300,000	40,714,021	0	53,984,230	118,998,251
STIP (DB)	0	0	0	0	0	0	0	39,745,000	39,745,000
TCIF (DB)	0	0	0	0	0	0	0	4,973,000	4,973,000
LPP-Formula (DB)	0	0	0	0	0	0	0	6,169,000	6,169,000
TCEP (Regional) (DB)	0	0	0	0	0	0	0	53,831,000	53,831,000
TCEP (State) (DB)	0	0	0	0	0	0	0	64,000,000	64,000,000
Local (Landscape)	0	0	0	0	0	1,688,813	0	11,760,000	13,448,813
SHOPP 1 (SHOPP)*	0	0	0	0	0	11,000,000	0	98,542,000	109,542,000
SHOPP 2 (SHOPP)*								8,213,000	8,213,000
Totals	0	7,808,500	0	46,164,995	24,300,000	56,147,903	500,000	737,614,800	872,536,198

*Note: These SHOPP funds will be paid as a reimbursable State financial contribution and SBCTA will invoice CALTRANS in accordance with the funding table. Construction support for SBCTA and the Design Builder will be allocated under construction capital. Notwithstanding SECTION III, or any other provision of the agreement, the PARTIES, or either of them, may change the funding sources allocations and/or identified funding sources set above without amendment to the Agreement.



Contract Task Order (CTO)

Except as otherwise expressly provided herein, Consultant hereby agrees to perform the work described below in accordance with all of the terms and conditions of the Master Contract referenced below. The Consultant shall furnish the necessary facilities, professional, technical and supporting personnel required by this Contract Task Order (CTO) as described below.

Consultant Name: Costin Public Outreach Group **Contract No.** 23-1002995

CTO No.: 6 **Amendment No.:** 1

Period of Performance: 02/01/24 **CTO Completion Date:** 01/31/28

Scope of Work Description: Marketing support for service derived from Interstate 10 Express Lanes Project - Extended duration

CTO Pricing - Cost Proposal Submitted:

Orig: \$410,000.00 Amend: \$192,500.00

Lump Sum

Time and Material

Original CTO Not to Exceed Amount: \$ 410,000.00

Cumulative Amount of All Prior Amendments: \$ _____

Current Amendment Not to Exceed Amount: \$ 192,500.00

Revised CTO Total Amount (Amount Includes All Amendments): \$ 602,500.00

Funding Code for this CTO: 4110.40.0820.0823.54520.41100000- \$512,500
7550.70.0750.0000.61350.44001090 - \$90,000

Sub-Consultants/Contractors:	DBE	Amount	Cumulative Amount
		\$	\$
		\$	\$
		\$	\$
Consultant hereby acknowledges receipt and acceptance of the Contract Task Order by signing below.		San Bernardino County Transportation Authority	

Sara Mockus

Raymond W. Wolfe

Personnel Authorized to Sign

Executive Director

Authorized Personnel Signature _____ Date _____ Executive Director Signature _____ Date _____

Contract Expires: 01.31.28

Available Authority: 2,351,350.00

Remaining Authority After this CTO 2,159,350.00

Minute Action

AGENDA ITEM: 9

Date: *November 14, 2024*

Subject:

Interstate 10/Riverside Avenue Interchange Phase 2 Project Amendment No. 1 to Funding Agreement No. 22-1002725 with City of Rialto

Recommendation:

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

- A. Allocate an additional \$670,025 in Valley Freeway Interchange funds to the City of Rialto for the Interstate 10 (I-10)/Riverside Avenue Interchange Phase 2 Project.
- B. Approve Amendment No. 1 to Funding Agreement No. 22-1002725 with the City of Rialto for the I-10/Riverside Avenue Interchange Phase 2 Project increasing the Measure I Valley Freeway Interchange Program funds by \$670,025 for a total of \$5,863,181.

Background:

On October 5, 2021, the City of Rialto (City) submitted a formal request for consideration of inclusion of an updated scope of the Interstate 10 (I-10)/Riverside Avenue Interchange Phase 2 Project (Phase 2 Project) in the 10-Year Delivery Plan. The Phase 2 Project will widen the bridge over the Union Pacific Railroad's tracks south of I-10 to Slover Avenue to match the lane configuration constructed as part of the I-10/Riverside Avenue Interchange Phase 1 Project that widened the bridge over I-10. The 10-Year Delivery Plan identified a Public Share amount of \$5,193,156 to complete the Plans, Specifications, and Estimate (PS&E), Right-of-Way (ROW), and Utility Relocation Phases of the Phase 2 Project. The City and San Bernardino County Transportation Authority (SBCTA) entered into Project Funding Agreement 22-1002725 in March 2022, to allocate \$5,193,156 in Measure I Valley Freeway Interchange Program funds for the Public Share of costs with the plan to later seek external State and/or Federal sources to fund all or a portion of the Public Share of the Construction Phase.

The estimated cost through ROW and Utility Relocation is \$8,076,007, of which the Public Share is \$5,863,181. The Public Share amount per phase is as follows: \$2,504,378 for PS&E and \$3,358,803 for ROW and Utility Relocation. Staff recommends approval of the allocation to allow the Phase 2 Project to proceed to construction readiness.

Financial Impact:

The adopted Budget for Fiscal Year 2024/2025 includes sufficient Valley Freeway Interchange Program funds for new and amended agreements to support this allocation in Program 50, Fund Administration.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel and the Enterprise Risk Manager have reviewed this item and the draft amendment.

Responsible Staff:

Andrea Zureick, Director of Fund Administration

Entity: San Bernardino County Transportation Authority

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Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024
Witnessed By:

AMENDMENT NO. 1 TO PROJECT FUNDING AGREEMENT NO. 22-1002725**BETWEEN****SAN BERNARDINO COUNTY TRANSPORTATION AUTHORITY****AND****CITY OF RIALTO****FOR****INTERSTATE 10/RIVERSIDE AVENUE INTERCHANGE PHASE 2 PROJECT**

This Amendment No. 1 to Project Funding Agreement (“Agreement”) by and between the San Bernardino County Transportation Authority (“SBCTA”) and the City of Rialto (“CITY”) is for widening of the existing Riverside Avenue bridge structure over the UPRR railroad tracks south of Interstate 10 (I-10) to Slover Avenue (“PROJECT”) to match the lane configuration constructed as part of the I-10/Riverside Avenue Interchange Phase 1 Project. SBCTA and CITY shall be individually or collectively, as applicable, known as “Party” or “Parties.”

RECITALS

- A. The Measure I 2010-2040 Expenditure Plan identifies projects eligible for partial funding from Measure I 2010-2040 Valley Freeway Interchange Program (“VFI”) funds; and
- B. SBCTA prepared a study, referenced herein as the Nexus Study, dated November 2, 2011, updated every two years in accordance with the Measure I 2010-2040 Expenditure Plan, that identifies PROJECT as eligible for the SBCTA Public Share of 72.6% of costs necessary to complete the project; and
- C. On October 5, 2021, CITY submitted a formal request for consideration of inclusion of PROJECT in the 10-Year Delivery Plan; and
- D. CITY identified a need of \$5,193,156 to complete the Plans, Specifications, and Estimate (PS&E), Right of Way (ROW), and Utility Relocation Phases of PROJECT (“PROJECT WORK”); and
- E. On December 1, 2021, the SBCTA Board of Directors approved the 2021 Update to the 10-Year Delivery Plan, which identified an SBCTA contribution of \$5,193,156 to PROJECT WORK; and
- F. The Parties entered into Project Funding Agreement 22-1002725 on or about March 28, 2022, to allocate \$5,193,156 in Measure I VFI funds for the Public Share of costs of PROJECT WORK; and

G. CITY has identified a need of an additional \$670,025 to fully fund the Project through the ROW Phase; and

H. CITY has requested updates to Attachment B: Summary of Estimated Costs; and

NOW, THEREFORE, the Parties agree to the following:

1. Paragraph 1 of Section I is deleted in its entirety and replaced with the following:

“1. To reimburse CITY for the 72.6% public share of the actual cost of PROJECT WORK, as described more fully in Attachment A, not to exceed \$5,863,181 in Measure I Valley Freeway Interchange Program funds. SBCTA shall have no further responsibilities to provide any further funding for PROJECT WORK exceeding this amount without an amendment to this Agreement. A cost estimate for the PROJECT WORK is provided in Attachment B.”

2. Paragraph 2 of Section II is deleted in its entirety and replaced with the following:

“2. To contribute 27.4% of PROJECT WORK costs up to \$2,212,826 in Development Impact Fees for PROJECT WORK.”

3. Attachment B to the Agreement is replaced with the Revised Summary of Estimated Costs attached as Attachment B to this Amendment No. 1 and incorporated herein.

4. Except as amended by this Amendment No. 1, all other terms and conditions of the Agreement shall remain in full force and effect and are incorporated herein by this reference.

5. The Recitals set forth above are incorporated herein by this reference.

6. This Amendment No. 1 may be signed in counterparts, each of which shall constitute an original, and may be signed and transmitted with electronic signatures which shall be binding on the Party.

7. This Amendment No. 1 shall be effective on the date executed by SBCTA.

---SIGNATURES ON FOLLOWING PAGE---

IN WITNESS WHEREOF, the Parties have executed this Amendment No. 1 by their authorized signatories below.

**SAN BERNARDINO COUNTY
TRANSPORTATION AUTHORITY**

CITY OF RIALTO

By: _____
Ray Marquez, President
Board of Directors

By: _____
Michael Milhiser
City Manager

Date: _____

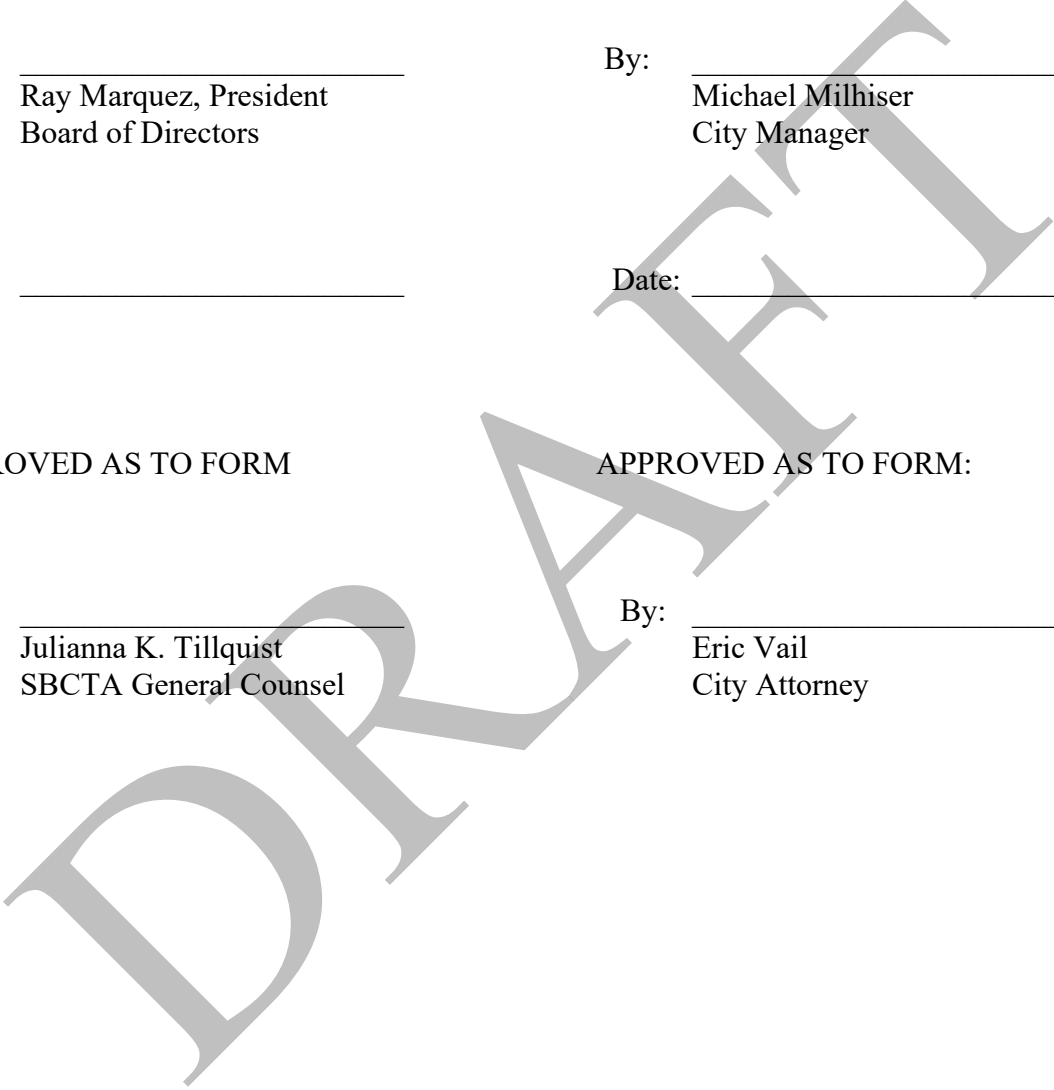
Date: _____

APPROVED AS TO FORM

APPROVED AS TO FORM:

By: _____
Julianna K. Tillquist
SBCTA General Counsel

By: _____
Eric Vail
City Attorney



Attachment: 22-1002725-01 (10992 : I-10/Riverside Avenue Interchange Phase 2 Amendment No. 1 to Funding Agreement)

ATTACHMENT B

INTERSTATE 10/RIVERSIDE AVENUE INTERCHANGE PHASE 2 PROJECT

Revised Summary of Estimated Costs

Phase ¹	Total Cost	SBCTA Share ² (Public Share) 72.6%	City of Rialto Share (Development Share) 27.4%
Plans, Specifications, and Estimates Phase	\$3,449,557	\$2,504,378	\$945,179
ROW and Utility Relocation Phase	\$4,626,450	\$3,358,803	\$1,267,647
TOTAL	\$8,076,007	\$5,863,181	\$2,212,826

¹ The actual cost of a specific phase may ultimately vary from the estimates shown; however, under no circumstances is the total combined SBCTA contribution to exceed \$5,863,181 without an amendment to this Agreement.

² SBCTA's share can be from sources under control of SBCTA including, but not limited to, Measure I Valley Freeway Interchange Program, State Transportation Improvement Program, Surface Transportation Program, or other funds without necessitating an amendment of this Agreement.

Minute Action

AGENDA ITEM: 10

Date: *November 14, 2024*

Subject:

Draft Strategies for the Long Range Multimodal Transportation Plan

Recommendation:

Receive a presentation on the Draft Long Range Multimodal Transportation Plan and the Strategic Priority Action Plan.

Background:

The San Bernardino County Transportation Authority (SBCTA) began development of the Long Range Multimodal Transportation Plan (LRMTP) in spring 2023, funded by a California Department of Transportation (Caltrans) Sustainable Communities Grant of \$594,471. Brief updates on progress were provided in General Policy Committee agenda items such as the multimodal transportation quarterly reports, references in budget presentations, and highlights in updates from the Planning Department, most recently on October 9, 2024. Input thus far has been received from two stakeholder working groups, consisting of local/regional agencies, Caltrans, and community members. Both virtual public workshops and in-person outreach were conducted in September 2024, focusing on strategic priorities. A presentation of this material was also made to the SBCTA Transportation Technical Advisory Committee on September 13, 2024. This has all resulted in a set of strategic priorities and actions that the LRMTP team wanted to bring to the SBCTA Metro Valley Study Session and Mountain/Desert Policy Committee for review and comment. Subsequent to the committee meetings, a full draft will be prepared and released by early December. A review period will follow and a final LRMTP report brought back to committees in February 2025.

SBCTA has had a Countywide Transportation Plan with multimodal and sustainability elements since 2015, with an interim update in 2021, but these elements have not been fully integrated, nor have they kept up with major changes in State directives on sustainability. In particular, the plans had not responded to disruptions seen over the last several years, such as the COVID-19 pandemic, climate change initiatives, and changes in technology and travel patterns that have ensued. Thus, with funding from the Caltrans grant, SBCTA has been developing a LRMTP that responds to these challenges and new policy initiatives such as the California Transportation Plan 2050 and the Climate Action Plan for Transportation Infrastructure.

The transportation system envisioned in the LRMTP should enable SBCTA and the jurisdictions in San Bernardino County to thrive across the diverse spectrum of our 1) population, 2) geography, 3) economic conditions, and 4) natural and built environments. Based on transportation scenario modeling and extensive discussions with the public and subject matter experts, the LRMTP project consultants and SBCTA staff have developed a Draft Strategic Priority Action Plan that is ready for policy level review and direction.

The Draft Strategic Priority Action Plan (Attachment A) lists recommended key actions by strategic priority for five crucial issues, including: 1) mobility, 2) goods movement, 3) climate adaptation, and resiliency, 4) disadvantaged communities, and 5) funding.

Entity: San Bernardino County Transportation Authority

The strategic priority of “mobility” includes working toward 30-minute frequencies on the Metrolink San Bernardino Line, further investment in higher service levels and priority treatments on the core transit network, local coordination on transit-focused land use and first/last mile connections, and completion of the Interstate 10 and Interstate 15 managed lane network. Promotion of non-motorized transportation facilities, vanpooling, carpooling, and telework are part of the transportation demand management strategy.

The draft strategy for goods movement is to improve high volume freight corridors and address freight bottlenecks while accelerating the transition to clean trucks and promoting a shift from truck to rail wherever practical. This will require significant collaboration with member agencies, Caltrans, aviation, logistics, and zero-emission charging/fueling companies. Strategic improvements at freight bottlenecks will include interchange ramp improvements, auxiliary lanes, and mainline projects such as the northbound truck climbing lane extension from Kenwood Avenue to State Route 138.

To address climate adaptation and resiliency, it will be important to incentivize transit and shared rides where possible, such as through managed lanes, and to improve operational resiliency through emergency route planning (including responsiveness to Assembly Bill 98 requirements), and strategic highway improvements. Major transit service improvements in bus and rail systems (e.g. local bus, Bus Rapid Transit (BRT), Metrolink, Brightline, ONT Connector, etc.), and zero-emission buses and trucks are all part of the climate adaptation strategy. Severe weather events (extreme heat, wildfires, floods) can disrupt the network, particularly in areas of the county that are dependent on a single major artery (e.g. Interstate 15) or limited arterial network (e.g. the mountains). The LRMTTP also expresses support for development of hydrogen hubs and zero-emission charging/fueling infrastructure.

Since San Bernardino County includes many areas designated as disadvantaged according to State and Federal criteria, the strategic priorities include continuation of demand-responsive service for residents with limited mobility options, increased free and reduced fare programs, and prioritization of multimodal improvements developed through inclusive communication with impacted communities.

The stark reality is that the limiting factor for implementation of LRMTTP projects will be funding, and for transit, the most limiting factor is funding for operations. It is essential that reliable, consistent sources of transit operating funds be identified before commitments are made to capital projects or transit frequency improvements. One of the principal funding strategies is to secure additional state and federal funding for transit operations. Partnerships with other transportation commissions and transit agencies will be essential to have voices heard, but revenue increases at the State and Federal level are as difficult as they are at the local level.

SBCTA’s Measure I sales tax has several funding sources available to transit operations: Metrolink/Rail Service (8% of Valley revenue), Express Bus/BRT Program (5% of Valley revenue, used for capital or operations), and Senior/Disabled Transit (8% for the Valley and up to 6.5% for Mountain/Desert, with future increases up to 7.5%). If transit service is to be increased, it is inevitable that a future Measure I renewal or additional tax measure would require more flexibility for funding to be used for transit operations.

Board of Directors Metro Valley Study Session Agenda Item

November 14, 2024

Page 3

The Draft Strategic Priority Action Plan includes tactics aimed at securing additional funds through State/Federal funding increases, additional flexibility in a future Measure I, use of excess toll revenue for transit, development of a vehicle miles traveled mitigation bank, and continued contributions from new development. This is in addition to the continued effort to pursue State and Federal grants.

In addition to creating a Draft Strategic Priority Action Plan, SBCTA staff worked closely with Omnitrans and local jurisdictions to develop a draft approach to further development of Priority Transit Corridors in the Valley. The November 14, 2024, agenda of the SBCTA Transit Committee presents the proposed two-pronged approach to Priority Transit Corridor development, which may be refined based on input from that committee or in review of the draft LRMTF.

Financial Impact:

This item has no financial impact on the adopted Budget for Fiscal Year 2024/2025.

Reviewed By:

This item is not scheduled for review by any other policy committee or technical advisory committee. This item was reviewed by stakeholder working groups on August 20, 2024 and August 29, 2024 and by the public in virtual meetings on September 17, 2024 and September 19, 2024.

Responsible Staff:

Ginger Koblasz, Senior Planner

Approved
Board of Directors Metro Valley Study Session
Date: November 14, 2024

Witnessed By:

San Bernardino County Transportation Authority

ATTACHMENT A - LRMTDP DRAFT ACTION PLAN

9 Action Plan

Tables 6 through 10 detail the key actions that SBCTA can take to advance each strategic priority, organized by key issue.

Table 6. Key Actions for Mobility

Strategic Priority	Key Actions
Further develop the Core Transit Network	<ul style="list-style-type: none"> • Work with SCRRRA to achieve 30-minute daytime headways on the Metrolink San Bernardino Line as a high-frequency transit backbone in San Bernardino Valley and coordinate service planning to provide connections to Brightline West • Complete the West Valley Connector BRT project • Develop an implementation and funding plan for higher service levels and appropriate transit priority treatments (e.g. transit signal priority) on the Omnitrans priority transit network • Invest in Mountain/Desert transit systems based on priorities in the respective Short Range Transit Plans • Position the priority transit network to be competitive for additional state and federal funding • Pursue operating funds for increased service using strategies described in key issue 5
Incorporate Core Network into local land use plans and policies	<ul style="list-style-type: none"> • Position the Omnitrans priority transit network to be attractive for higher density residential and commercial development, coordinating with local jurisdictions on land use planning • Coordinate with transit operators and corridor jurisdictions on land use plans that address state housing targets and local economic development goals along the core transit network
Incremental transit enhancements in rural areas	<ul style="list-style-type: none"> • Identify unmet or underserved needs in rural communities, such as connections from Needles to Arizona for grocery and pharmacy access • Secure funding to implement new/enhanced service to meet rural travel needs
Develop coordinated program of first/last mile improvements	<ul style="list-style-type: none"> • Build on the Non-Motorized Transportation Plan to define an active transportation priority list and advance project development to position for funding • Deliver priority improvements • Develop design guidelines for a tiered mobility hub network that co-locates transit and active transportation amenities such as bike sharing

Invest in multimodal connectivity and customer experience

- Continue to coordinate service planning between transit providers to schedule convenient connections between modes
- Actively promote fare integration and adoption of interoperable fare payment and trip planning technology across San Bernardino County and regional public transportation services and modes
- Invest in physical improvements at bus stops and rail stations to improve rider safety and comfort, such as shelters, benches, and lighting

Manage congestion on freeways and arterials

- Transition Valley freeways into a truly managed system by implementing the San Bernardino County portion of the regional multimodal managed lane system, with dynamic pricing, as included in the RTP/SCS
- Work with local jurisdictions to maintain the San Bernardino Valley Coordinated Traffic Signal System
- Implement the Smart Intersection and Smart Corridor recommendations from the Smart County Master Plan
- Coordinate overall signal system improvements with priority treatments for the Core Transit Network
- Define and deliver priority highway/rail grade separations

Promote strong vanpool, carpool, and TDM initiatives

- Continue and expand partnerships with large and medium-sized employers to promote multimodal alternatives to single-occupancy vehicle commutes, including telecommuting
- Continue partnering with regional partners such as RCTC to share data and technology tools to support shared-ride opportunities for long-distance commuters
- Review transit fare structures and carpool/vanpool programs to provide flexibility that encourages hybrid workers to use alternative modes on days they must travel to an office
- Promote awareness of mobility alternatives and communicate the quality-of-life benefits of bus and rail transit, vanpool, and carpool as alternatives to driving alone

Develop VMT mitigation bank

- Leverage existing plans and work on strategic priorities to identify multimodal projects that can reduce VMT
- Implement the proposed “mode-choice based VMT mitigation bank” to incentivize commuters to reduce their VMT and make VMT credits available for purchase by proponents of highway and development projects

Table 7. Key Actions for Goods Movement

Strategic Priority	Key Actions
Develop plan for designated freight corridors	<ul style="list-style-type: none"> • Identify potential routes within and between major logistics hubs such as the areas around Ontario International Airport, Southern California Logistics Airport, San Bernardino International Airport, the Union Pacific West Colton Yard, and BNSF San Bernardino Intermodal facility • Assist jurisdictions with guidelines for implementation of AB 98, to include identification of corridors that may be designated as truck routes • Identify improvements to improve safety and operational efficiency along these corridors • Work with Caltrans and California Highway Patrol to enhance current incident management and monitoring systems to actively manage traffic along key freight corridors, such as the Cajon Pass • Coordinate with local jurisdictions on a set of guidelines and plans to incorporate proposed truck routes into their circulation elements as required by AB98
Collaborate with logistics industry to shift freight from truck to rail, where practical and cost-effective	<ul style="list-style-type: none"> • Prioritize connections to intermodal facilities in development of designated highway freight corridor plan • Collaborate with BNSF and Union Pacific to address key bottlenecks in the freight rail network to increase rail capacity
Accelerate transition to clean trucks	<ul style="list-style-type: none"> • Partner with logistics and zero-emission charging/fueling companies to accelerate the transition to ZE truck operations and supporting infrastructure needs consistent with the CTC’s SB 671 designated zero-emission corridors • Partner with the private sector to seek grant funding for ZE trucks and charging/fueling stations • Continue to coordinate with local jurisdictions and regional partners to build on goods movement decarbonization efforts such as the Riverside-San Bernardino-Ontario MSA Priority Climate Action Plan • Collaborate with state, regional, and local partners to locate and fund hydrogen production hubs and an affordable H2 fueling supply chain to support both the logistic industry and transit needs

Prioritize investments in high-volume highway freight corridors	<ul style="list-style-type: none"> Deliver key highway improvements in the Measure I 10-Year Delivery Plan, such as the I-10 and I-15 Corridor Freight and Managed Lane Projects, and strategic improvements on other state highways such as SR-18, SR-62, and US 395 Strategically invest in improvements to key highway freight bottlenecks and that minimize conflict between trucks and other road users, such as the Cajon Pass I-15 Northbound Truck Climbing Lane Extension.
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Table 8. Key Actions for Climate Adaptation and Resiliency

Strategic Priority	Key Actions
Encourage redundancy across the transportation network and improve operational resiliency on major arterials	<ul style="list-style-type: none"> Implement recommendations from the forthcoming State Route 247/62 Emergency Bypass Study and the Emergency Evacuation Network Study (EENR) Extend the I-15 truck climbing lane through the Cajon Pass Continue development of managed lanes on major corridors such as I-10 and I-15, consistent with regional plans Continue and expand transit partnerships with mountain area resorts to provide an alternative to driving congested routes to, from, and within the mountains
Coordinate connections to Brightline West	<ul style="list-style-type: none"> Coordinate with Metrolink and Brightline West to ensure east-west regional connectivity via the Metrolink San Bernardino Line Complete the West Valley Connector and coordinate other public and private bus connectivity to the Rancho Cucamonga, Hesperia, and Apple Valley Brightline stations Deliver the Ontario Airport Connector to create a direct transit connection between the station and the airport Coordinate with Rancho Cucamonga, Ontario, and local employers to implement first/last mile improvements for access to employers and attractions in the West Valley Partner with VVTA to coordinate feeder service to the Apple Valley and Hesperia stations, such as new fixed routes or expansion of Micro-Link on-demand service as appropriate
Accelerate transition to clean trucks	<ul style="list-style-type: none"> Partner with trucking and zero-emission fueling/charging companies to accelerate the transition to zero-emission in the SB 671 corridors and for local logistics operations. Seek grant funding for ZE trucking and transit

Transition transit operations to zero-emissions	<ul style="list-style-type: none">• Implement transit zero-emission plans, taking advantage of lessons learned as agencies deploy new technologies, in particular regarding operating zero emission vehicles long distances and in hot conditions in the county’s rural areas and with steep grades in the Mountain subarea• Collaborate with Metrolink to explore technology options for their transition to zero-emission
Support development of hydrogen hubs and fueling	<ul style="list-style-type: none">• Complete conversion of Arrow service from diesel to hydrogen fuel cell multiple units• Partner with Metrolink, Omnitrans, and VVTA to identify opportunities for leveraging economies of scale in the sourcing of hydrogen fuel• Partner with the state and utility industry to site green hydrogen production in accessible Inland Empire locations
Prioritize state-of-good-repair on highways and arterials	<ul style="list-style-type: none">• Reinvest new toll revenue into maintaining the managed lane system as well as excess revenue on transit, zero-emission and affordable housing• Replace key rural bridges to restore and maintain access, such as those on the National Trails Highway and in Baker• Collaborate with Caltrans and local jurisdictions on criteria for prioritizing maintenance of alternate routes need for incident traffic management and emergency evacuation
Establish emergency procedures	<ul style="list-style-type: none">• Complete the Emergency Evacuation Network Resilience Study in cooperation with WRCOG and partner to implement key recommendations of the study• Aid transit agencies, where possible, during periods of emergencies due to extreme events such as fire and flooding, as they support evacuation of local residents (and their pets) to safe centers and evacuation shelters.• Collaborate with local and state emergency service agencies to establish and maintain strong and clear communication pathways so that in times of emergency, San Bernardino County residents are knowledgeable about where to turn for immediate transportation-related information

Table 9. Key Actions for Disadvantaged Communities

Strategic Priority	Key Actions
Continue to operate the local bus and demand-responsive transit systems that particularly serve residents without access to cars	<ul style="list-style-type: none"> Analyze potential impacts of major transit investments on transit service to disadvantaged communities Provide adequate maintenance, security, schedule information and cleanliness at local bus stops Consider needs of all users as electronic fare payment systems are further developed
Take advantage of available funding focused on disadvantaged communities	<ul style="list-style-type: none"> Deliver transit priorities identified in the LRMTTP that particularly benefit disadvantaged communities Ensure that transit and TDM programs are highlighted at employment sites where lower-wage workers tend to be employed Take advantage of equity-oriented programs like RAISE and the Reconnecting Communities Pilot Continue to leverage state GHG reduction fund sources such as TIRCP and SB 1 funds such as TCEP to accelerate the ZE transition
Free and reduced fare programs	<ul style="list-style-type: none"> Expand targeted programs to improve transit affordability for students, seniors, and low-income individuals Promote electronic fare payment options, particularly to support fare-capping, including for low-income individuals who otherwise pay more for successive trips than the cost of a monthly pass Communicate fare incentives to the public
Prioritize multimodal improvements to improve mobility in disadvantaged communities	<ul style="list-style-type: none"> In developing the Core Transit Network, prioritize corridors that connect disadvantaged communities to key destinations Invest in high-comfort off-street active transportation corridors such as the Santa Ana River Trail, Pacific-Electric Trail, and San Sevaine Bicycle/Pedestrian Trail Build on the Non-Motorized Transportation plan to deliver improvements in disadvantaged communities

Prioritize inclusive communications

- Translate promotional materials, trip planning information, and other information on SBCTA programs into the most common languages for the targeted audience
- Develop target-group focused communications strategies – such as to seniors, to rideshare commuters, to potential transit users – that can promote mobility choices.
- Use the Public & Specialized Transportation Advisory and Coordination Council (PASTACC) to coordinate delivery of services to disadvantaged communities.

Table 10. Key Actions for Funding

Strategic Priority	Key Actions
Secure additional state and regional funding for transit operations	<ul style="list-style-type: none"> • Increase availability and flexibility of future Measure I funding for use in transit operations • Lobby for greater predictability of state and federal transportation revenue streams and flexibility to use new and existing state and federal transportation funding sources for operating expenses
Align future funding sales tax measures with the priorities of the LRMTTP	<ul style="list-style-type: none"> • Ensure that a potential Measure I renewal or additional tax measure would allow the key actions for the strategic priorities as eligible expenditures, including capital investments for all modes and ongoing operating costs for transit • Ensure that a potential Measure I renewal provides flexibility in future allocations to allow SBCTA and its partners to adapt to the uncertain future and changing investment needs
Use excess toll revenue for transit improvements	<ul style="list-style-type: none"> • Identify transit needs along planned express lane corridors such as I-10 and I-15 and fund solutions with toll revenue • Expand use of tolled express lanes to manage congestion while providing additional revenue for investment in alternate modes of travel
Partner with community-based organizations (CBOs) and the business sector to build support for projects and promote alternatives	<ul style="list-style-type: none"> • Maintain relationships with CBO leaders and business sector partners • Leverage CBO and private sector contact networks to disseminate information in a targeted manner and collect feedback from communities and businesses affected by projects • Leverage CBO and business sector networks to disseminate information about new and existing multimodal services and incentives available to the public

Support local agency grant pursuits

- Monitor grant funding opportunities at federal, state, and regional levels and collaborate with local partners on grant pursuits
- Provide technical support for local grant applications



SBCTA Long-Range Multimodal Transportation Plan for San Bernardino County



Metro Valley Study Session
November 14, 2024



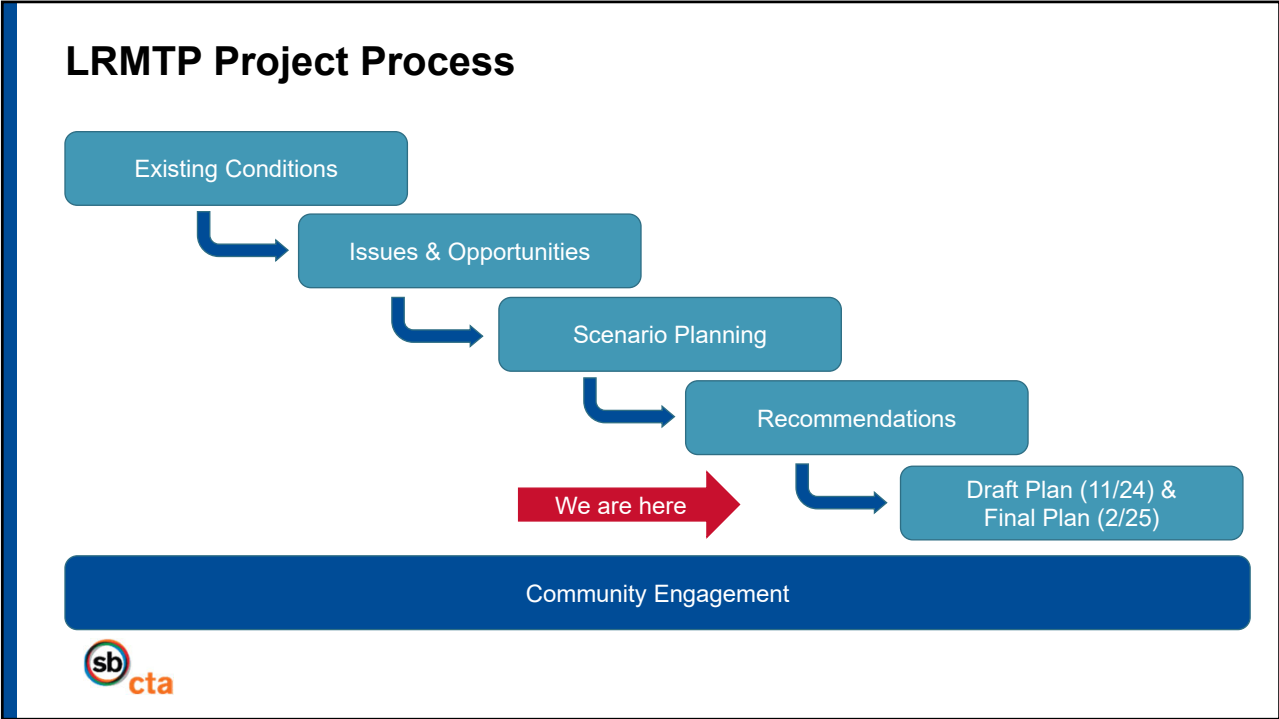
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AGENDA

- 1 LRMTTP Overview
- 2 Plan Vision, Goals, and Objectives
- 3 Plan Themes and Strategic Priorities



2



3

LRMTP Subregions

- Consistent with Measure I
- Analysis and recommendations will follow the six subregion format

4

Attachment: LRMTP PPT PDF (10968 : Draft Strategies for the Long Range Multimodal Transportation Plan)

Draft LRMTTP Vision Statement

SBCTA's long-range plan supports integrated, multimodal transportation to strengthen the health of our communities, the environment, and our economy by providing safe, reliable, and equitable connectivity for people and goods in, to, and through San Bernardino County.



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LRMTTP Goals and Objectives

	Goals	Objectives
Connectivity	Improve multimodal mobility and safe access to destinations for all users	<ul style="list-style-type: none"> • Improve multimodal mobility and access to jobs, housing, and key destinations • Improve connectivity between modes and services • Better integrate transit and bicycle/pedestrian facilities with land use planning
Equity	Reduce transportation burdens for low-income communities, communities of color, people with disabilities, and other disadvantaged groups	<ul style="list-style-type: none"> • Reduce cost burden to underserved communities • Improve access to mobility options for disadvantaged groups
Economy	Support a vibrant, resilient economy	<ul style="list-style-type: none"> • Support access to employment, educational institutions, and businesses via all modes, with special emphasis on transit, shared-rides, and non-motorized • Improve freight's economic competitiveness and efficiency • Maintain infrastructure in a state of good repair • Deploy resources in a cost-effective manner
Environment	Enhance environmental health and reduce negative transportation impacts	<ul style="list-style-type: none"> • Reduce VMT, GHG emissions, and air pollution • Strengthen the transportation system's resiliency to withstand and recover from disruptions brought about by natural disasters, climate change, and other factors • Support clean mobility technology, including the freight sector
Quality of Life and Public Health	Enable vibrant, healthy communities	<ul style="list-style-type: none"> • Manage the impact of freight traffic in neighborhoods • Reduce sources of delay on the transportation system • Increase the share of people carpooling, bicycling, walking, and taking transit
Safety	Provide a safe and secure transportation system	<ul style="list-style-type: none"> • Reduce fatalities, injuries, and incidents on the transportation system



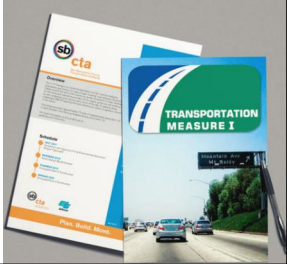
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Scenario Planning

7

Scenario Planning Process

- Consider how future trends may affect the transportation system
- Model different potential futures and assess effects on outcomes
- Scenarios considered the system demand (land use and travel behavior) and supply (transportation network)



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Attachment: LRMTTP PPT PDF (10968 : Draft Strategies for the Long Range Multimodal Transportation Plan)

Context (Demand) Scenarios

“Business as Usual”

- Travel patterns return to pre-pandemic conditions
- Assumes 2019 travel behavior with 2050 population and employment

“Virtual Future”

- Shift to remote work is permanent and grows stronger
- Assumes anyone who can work from home does so, reducing home-based work trips

“Smart Growth”

- Assumes 2019 travel behavior with modified land use
- All future population and employment growth in Valley subarea is concentrated around major transit corridors to test the extremes of smart growth



9

Transportation (Supply) Scenarios

“Enhanced Network”

- Assumes availability of new funding sources and additional transportation projects
- Corresponds to SCAG “Plan” network
- Assumes “Business as Usual” background context

“Transit Expansion”

- Bus frequency is doubled across Southern California
- Assumes “Smart Growth” background context

Sensitivity Test: Roadway Pricing

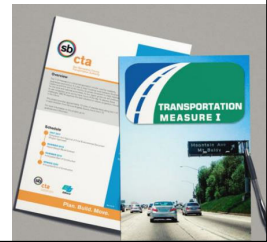
- Assumed Business as usual background context and enhanced transportation network with increased automobile operating cost



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Key Findings

- Delay is reduced in multiple scenarios, but difficult to reduce Vehicle Miles Traveled (VMT)
- Roadway pricing sensitivity test showed that each 10% increase in auto operating costs would be expected to reduce VMT by 1.7%; costs would be burdensome for drivers (equivalent to raising gas prices over 5 dollars/gallon to reduce VMT 10 percent)
- Major transit expansion across Southern California along with smart growth increases ridership and reduces VMT, but with major increase in operating expenses



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Scenario Summary

Performance Measures (Metrics for S.B. County Only)	Business as Usual	Virtual Future	Smart Growth	Enhanced Network	Transit Expansion + Smart Growth
	Value	Change	Change	Change	Change
Total Vehicle Miles Traveled	91,000,000	-4%	-2%	0%	-10%
Person Hours Traveled, work trips	890,000	-30%	-2%	-5%	-12%
Person Hours Traveled, non-work trips	1,510,000	8%	-3%	-6%	-11%
Minutes of delay per capita	5.6	-28%	-1%	-45%	-36%
Transit ridership	137,000	-32%	21%	43%	264%



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Plan Themes and Strategic Priorities

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Strategic Priorities for Multimodal Connectivity

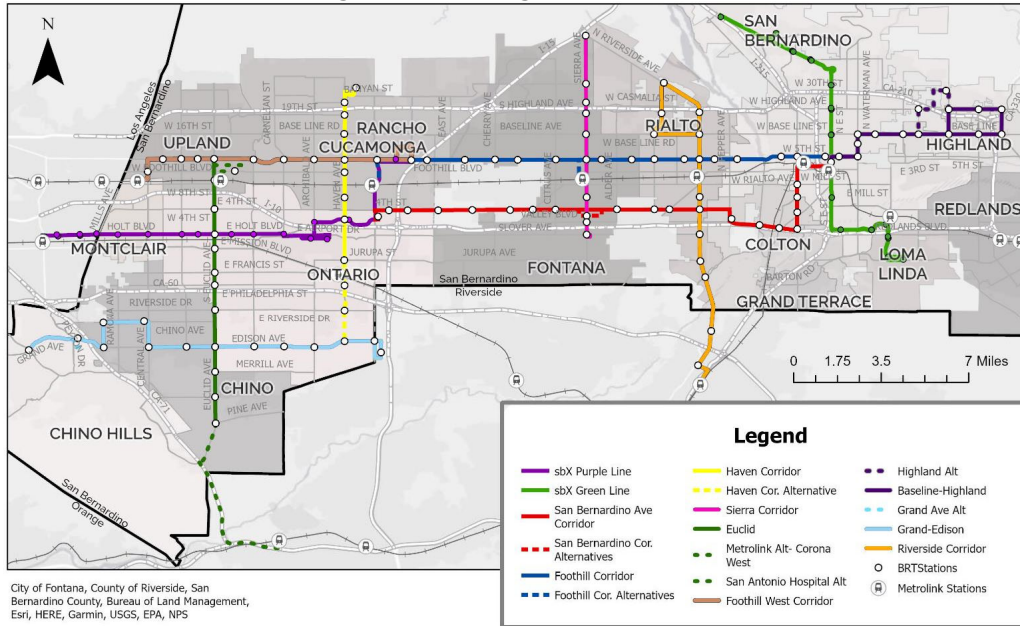
- Work toward 30-minute frequencies on Metrolink San Bernardino Line
- Further investment in higher service levels
- Priority treatments on core transit network (“systemwide plan”)
- Local coordination on transit-focused land use
- Create first/last mile connections
- Completion of the I-10 and I-15 managed lane network
- Transportation demand management strategies
 - Non-motorized transportation facilities
 - Vanpooling
 - Carpooling
 - Telework



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Attachment: LRMTTP PPT PDF (10968 : Draft Strategies for the Long Range Multimodal Transportation Plan)

Transit Connectivity in Valley Subarea



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Strategic Priorities for Freight Movement

Designate and improve key freight corridors

- Invest in high-volume highway freight corridors, including strategic bottleneck relief
- Interchange ramp improvements, auxiliary lanes and mainline projects (ex. Northbound truck climbing lane extension from Kenwood Ave. to SR-138)

Work with private sector on key initiatives

- Collaborate with private sector on transition to clean trucks
- Collaborate with private sector on strategic opportunities to shift from truck to rail



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Strategic Priorities for Climate Change & Resiliency

Incentivize transit and shared rides

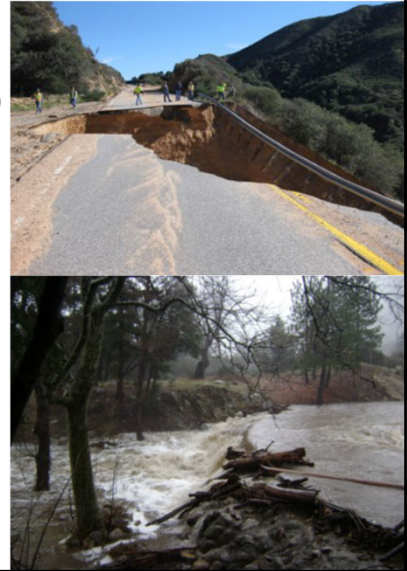
- Managed lanes
- Transit system improvements (ex BRT, Brightline, ONT Connector)

Improved operational resiliency

- Emergency route planning (including AB 98)
- Strategic highway improvements to address severe weather

Support zero-emissions transition

- Collaborate with private sector on transition to clean trucks
- Support transition to zero-emission transit
- Support development of hydrogen production hubs and zero-emission charging/fueling infrastructure



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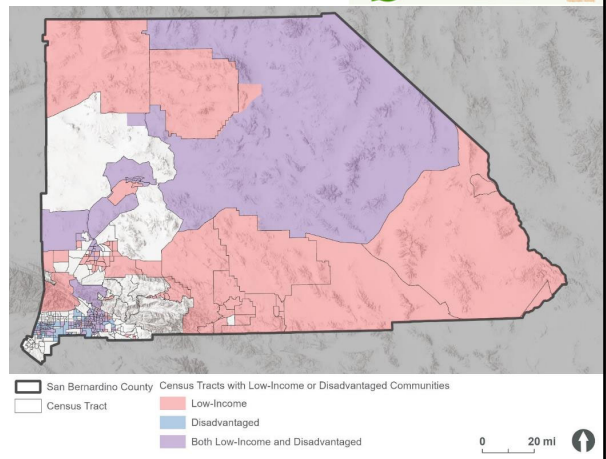
Strategic Priorities for Equity

Partner with local jurisdictions and CBOs

Demand-responsive services

- Continue, expand, and advertise fare reduction programs and free fare events for students, seniors, and low-income transit riders

Prioritize multimodal improvements



18

Attachment: LRMTTP PPT PDF (10968 : Draft Strategies for the Long Range Multimodal Transportation Plan)

Strategic Priorities for Funding

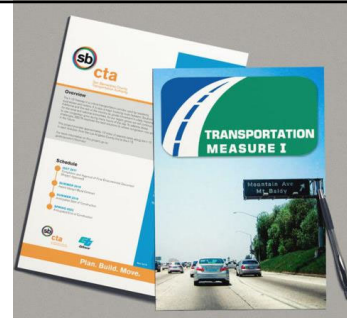
Expand sources of funding for transit operations

- Can't afford to build what we can't also operate
- Work with State, Federal, and regional partners to increase operating funds for transit
- Use excess toll revenues (after debt service and operations) for transit and (on I-10 east of I-15) zero-emission projects

Existing Measure I: Sources of Transit Operating \$

- Metrolink/Rail Service (8% of Valley revenue)
- Express Bus/BRT Program (5% of Valley revenue)
- Senior/Disabled Transit (8% for the Valley and up to 6.5% for the Mountain/Desert, with future increases up to 7.5%)

Future Measure I: Increase flexibility of funding programs for both transit capital and operations



Additional Information

**BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE – 2024
VALLEY BOARD MEMBER ATTENDANCE**

Name	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Eunice Ulloa City of Chino		X	X	X	X	X		X		X		
Ray Marquez City of Chino Hills		X	X	X	X	X		X		X		
Frank Navarro City of Colton		X	X	X		X		X		X		
Aquanetta Warren City of Fontana		X	X	X	X			X		X		
Sylvia Robles City of Grand Terrace												
Bill Hussey City of Grand Terrace					X	X		X				
Larry McCallon City of Highland		X	X	X	X	X		X		X		
Bhavin Jindal City of Loma Linda		X										
Ronald Dailey City of Loma Linda						*		*				
John Dutrey City of Montclair		X	X	X	X					X		
Alan Wapner City of Ontario				X	X			X		X		
L. Dennis Michael City of Rancho Cucamonga				X				X		X		
Paul Barich City of Redlands		X	X	X								
Deborah Robertson City of Rialto												
Helen Tran City of San Bernardino		X	X	X	X	X		X		X		
Rudy Zuniga City of Upland		*	*	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. Shaded box = No meeting

Communication: Attendance (Additional Information)

BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE – 2024

VALLEY BOARD MEMBER ATTENDANCE (Cont.)

Name	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Bobby Duncan City of Yucaipa			X					X				
Curt Hagman Board of Supervisors		X	X	X	X	X		X		X		
Dawn Rowe Board of Supervisors		X		X		X				X		
Jesse Armendarez Board of Supervisors			X	X		X		X		X		
Joe Baca, Jr. Board of Supervisors		X	X	X	X	X		X		X		

MOUNTAIN/DESERT BOARD MEMBER ATTENDANCE

Daniel Ramos City of Adelanto												
Art Bishop Town of Apple Valley		X		X		X						
Carmen Hernandez City of Barstow		X		X	X	X		X				
Rick Herrick City of Big Bear Lake												
Rebekah Swanson City of Hesperia		X	*		X	X		X		X		
Janet Jernigan City of Needles												
Joel Klink City of Twentynine Palms												
Debra Jones City of Victorville												
Rick Denison Town of Yucca Valley		X	X	X	X	X		X		X		
Paul Cook Board of Supervisors		X	X	X		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.

This list provides information on acronyms commonly used by transportation planning professionals. This information is provided in an effort to assist Board Members and partners as they participate in deliberations at 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. 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

Acronym List

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



MISSION STATEMENT

Our mission is to improve the quality of life and mobility in San Bernardino County. Safety is the cornerstone of all we do.

We achieve this by:

- Making all transportation modes as efficient, economical, and environmentally responsible as possible.
- Envisioning the future, embracing emerging technology, and innovating to ensure our transportation options are successful and sustainable.
- Promoting collaboration among all levels of government.
- Optimizing our impact in regional, state, and federal policy and funding decisions.
- Using all revenue sources in the most responsible and transparent way.

Approved December 4, 2019