

**AGENDA**  
**Board of Directors Metro Valley Study Session**

**March 12, 2026**

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

**Location**

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

**TELECONFERENCING WILL BE AVAILABLE AT THE FOLLOWING LOCATION:**

**Hesperia City Council Chambers**  
**9700 Seventh Avenue**  
**Hesperia, CA 92345**

***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, Vice Mayor  
*City of Chino Hills*

Frank Navarro, Mayor  
*City of Colton*

Daniel Ramos, Mayor Pro Tem  
*City of Adelanto*

Art Bishop, Council Member  
*Town of Apple Valley*

Timothy Silva, Mayor  
*City of Barstow*

Paul Cook, *First District*

Curt Hagman, *Fourth District*

Acquanetta Warren, Mayor  
*City of Fontana*

Bill Hussey, Mayor  
*City of Grand Terrace*

Larry McCallon, Council Member  
*City of Highland*

Ronald Dailey, Mayor Pro Tem  
*City of Loma Linda*

John Dutrey, Mayor  
*City of Montclair*

Alan Wapner, Mayor Pro Tem  
*City of Ontario*

**Mountain/Desert Representatives**

Rick Herrick, Council Member  
*City of Big Bear Lake*

Josh Pullen, Mayor Pro Tem  
*City of Hesperia*

Janet Jernigan, Mayor  
*City of Needles*

**County Board of Supervisors**

Dawn Rowe, *Third District*

Joe Baca, Jr., *Fifth District*

L. Dennis Michael, Mayor  
*City of Rancho Cucamonga*

Mario Saucedo, Mayor  
*City of Redlands*

Joe Baca, Mayor  
*City of Rialto*

Rudy Zuniga, Council Member  
*City of Upland*

Judy Woolsey, Council Member  
*City of Yucaipa*

Daniel Mintz, Sr., Mayor  
*City of Twentynine Palms*

Bob Harriman, Mayor Pro Tem  
*City of Victorville*

Rick Denison, Council Member  
*Town of Yucca Valley*

*Ex-Officio Member – Catalino Pining, Caltrans*  
*Carrie Schindler, Executive Director*  
*Julianna Tillquist, General Counsel*

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

**AGENDA**

**Board of Directors Metro Valley Study Session**

**March 12, 2026**

**9:20 AM**

**Location**

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

**TELECONFERENCING WILL BE AVAILABLE AT THE FOLLOWING LOCATION:**

**Hesperia City Council Chambers  
9700 Seventh Avenue  
Hesperia, CA 92345**

**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 – Mayra Alfaro

**Public Comment**

**Brief Comments from the General Public**

**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**

Pg. 9

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**

Pg. 10

Receive and file Change Order Report.

**Presenter: Kristi Lynn Harris**

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

**DISCUSSION ITEMS**

**Discussion - Express Lanes**

**3. Express Lanes Automatic Occupancy Detection Pilot Program- Single source with Invision AI, Inc., and Indra USA, Inc.**

Pg. 14

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. Authorize staff to conduct a four-month pilot test of the Invision AI, Inc. and Indra USA, Inc. Automatic Occupancy Detection (AOD) systems along the Interstate 10 Express Lanes.

B. Authorize the Executive Director, or her designee, to enter into necessary **Single Source** agreements with Invision AI, Inc., and Indra USA, Inc., to conduct the pilot test, in an amount not-to-exceed \$150,000, subject to approval as to form by SBCTA General Counsel and in accordance with Contracting and Procurement Policy No. 11000 Section VI.A.3 **Single Source.**

**Presenter: Philip Chu**

**This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel and Procurement Manager have reviewed this item and the Scope of Work.**

**4. Amendment No. 1 to Contract No. 23-1002944 for Express Lanes Program Support Services**

Pg. 23

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. Approve Amendment No. 1 to Contract No. 23-1002944 with HNTB Corporation for Express Lanes Program Support Services to exercise the first one-year option term, extending the contract through September 30, 2027.

B. Approve an increase to the contract value in the amount of \$300,000 to complete the initial term through September 30, 2026, and an additional \$1,800,000 for the option term through September 30, 2027, for a revised total not-to-exceed contract amount of \$5,400,000 to be funded by Measure I Valley Freeway Program and Express Lanes Operations funds.

Agenda Item No. 4 (cont.)

C. Approve a contingency for a not-to-exceed amount of \$180,000 for the option term; and authorize the Executive Director, or her designee, to release contingency as needed for SBCTA Express Lanes Program Support Services, to be funded by Measure I Valley Freeway Program and Express Lanes Operations funds.

**Presenter: Jillian Peterson**

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

**Comments from Board Members**

**Brief Comments from Board Members**

**ADJOURNMENT**

**Additional Information**

Attendance

Pg. 29

Acronym List

Pg. 31

Mission Statement

Pg. 34

**The next Metro Valley Study Session meeting is scheduled for April 9, 2026.**

## **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](mailto:clerkoftheboard@gosbcta.com) and the office is located at 1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> 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.

Members of the Board of Directors and any Policy Committee with a disability may participate in any meetings of their respective legislative bodies by remote participation as a reasonable accommodation in accordance with Government Code Sec. 54953(c).

**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](mailto:clerkoftheboard@gosbcta.com). La oficina se encuentra en 1170 W. 3<sup>rd</sup> Street, 2<sup>nd</sup> 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.

Los miembros de la Junta Directiva y de cualquier Comité de Políticas que tengan una discapacidad podrán participar en cualquier reunión de sus respectivos órganos legislativos mediante participación remota como una adaptación razonable de conformidad con el artículo 54953(c) del Código de Gobierno.

**Agendas** – All agendas are posted at [www.gosbcta.com/board/meetings-agendas/](http://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. 3<sup>rd</sup> 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. 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](mailto:clerkoftheboard@gosbcta.com), no later than 2:00 pm the day before the meeting in order to allow sufficient time to distribute the information. Written information received after the 2:00 pm deadline will not be distributed. 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 from any members of the public who haven't already commented on the item during the meeting.

**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” and “Agenda Actions”, 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:** March 12, 2026

**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 \$500 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
3	TBD	Invision AI, Inc. <i>Karim Ali</i> <i>Mark Waddell</i>	None
		Indra USA, Inc. <i>Jose Jacinto Monge Bravo</i> <i>Aaron Lax</i> <i>Omar Elias Valencia</i>	
4	23-1002944-01	HNTB Corporation <i>Kevin Haboian</i>	Fehr & Peers

**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 Lynn Harris, Director of Project Delivery and Express Lanes

Approved  
Board of Directors Metro Valley Study Session  
Date: March 12, 2026

Witnessed By:

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

## ***Minute Action***

AGENDA ITEM: 2

***Date:*** *March 12, 2026*

***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 and Express Lanes 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 February 12, 2026. The CCOs are listed below:

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

B. Contract No. 19-1002026 with Diversified Landscape Company, for the Interstate 215 (I-215) Segments 1, 2 and 3 Establish Existing Planting Project:

1) CCO 3.2: De-obligation of unused funds. (-\$6,252.67)

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

1) CCO 174.2: Left turn pocket and traffic signal modifications. (\$154,060)

D. Contract No. 17-1001617 with TransCore, LP for Toll Services Provider. There are no newly executed CCOs since last report.

E. Contract No. 23-1002869 with SEMA Construction, Inc., for the I-10 Eastbound Truck Climbing Lane: There are no newly executed CCOs since last report.

F. Contract No. 18-1001966 with Traylor-Granite Joint Venture, for the Mount Vernon Avenue Viaduct Project Design Build:

1) CCO 40.1: Revised final acceptance date due to concurrent delays. (\$0)

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

1) CCO 17.1 Final quantity reconciliation of bid items. (\$21,729)

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

1) CCO 33: Cost increase due to modifications to various signal poles. (\$70,617.21)

2) CCO 77: Remove and dispose of excess concrete after modification of concrete dike. (\$47,300)

I. Contract No. 24-1003027 with CT&T Concrete Paving, Inc., for the SR 210 Waterman Avenue Interchange Project. There are no newly executed CCOs since last report.

*Entity: San Bernardino County Transportation Authority*

J. Contract No. 23-1002955 with SEMA Construction, Inc., for the I-215 University Parkway Interchange Project:

- 1) CCO 23: Correction of bid item due to California Department of Transportation specification. (\$1,540)

K. Contract No. 23-1003032 with Skanska-Coffman a Joint Venture, for the Interstate 15 Corridor Freight and Express Lanes Project – Contract 1: There are no newly executed CCOs since last report.

L. Contract No. 22-1002780 with Skanska USA Civil West California District, Inc., for the North 1<sup>st</sup> Avenue Bridge over BNSF Project: There are no newly executed CCOs since last report.

**Financial Impact:**

This item has no financial impact on the adopted Budget for Fiscal Year 2025/2026, 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. 0827 Mount Vernon Viaduct, Sub-Task No. 0897 I-10 Cedar, Sub-Task No. 0838b I-215 Landscaping Segments 1,2,3 and 5, Sub-Task No. 0810 Metro ATP Phase 2, and Sub-Task No. 0853 I-215 University Parkway.

**Reviewed By:**

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

**Responsible Staff:**

Kristi Lynn Harris, Director of Project Delivery and Express Lanes

---

Approved  
Board of Directors Metro Valley Study Session  
Date: March 12, 2026  
Witnessed By:

<b>Project Delivery Contracts Executed Change Orders</b>		
<b>Number</b>	<b>Description</b>	<b>Amount</b>
SR 60 Central Avenue Interchange (19-1002196)		
Number	Description	Amount
	CCO Total	\$1,716,074.61
	Approved Contingency	\$2,912,039.00
	Remaining Contingency	\$1,195,964.39
I-215 Segments 1, 2 & 3 Establish Existing Planting (19-1002026)		
Number	Description	Amount
3.2	De-obligation of unused funds.	\$ (6,252.67)
	CCO Total	\$148,949.52
	Approved Contingency	\$1,451,300.00
	Remaining Contingency	\$1,302,350.48
I-10 Corridor Contract 1 (17-1001599)		
Number	Description	Amount
174.2	Left turn pocket and traffic signal modifications.	\$154,060.00
	CCO Total	\$17,271,234.20
	Approved Contingency	\$51,369,000.00
	Remaining Contingency	\$34,097,765.80
Toll Service Provider (17-1001617)		
Number	Description	Amount
	CCO Total	\$3,965,315.76
	Approved Contingency	\$5,896,500.00
	Remaining Contingency	\$1,931,184.24
I-10 Eastbound Truck Climbing Lane (23-1002869)		
Number	Description	Amount
	CCO Total	\$1,263,019.95
	Approved Contingency	\$3,731,253.00
	Remaining Contingency	\$2,468,233.05
Mount Vernon Avenue Viaduct (18-1001966)		
Number	Description	Amount
40.1	Revised final acceptance date due to concurrent delays.	\$0.00
	CCO Total	\$19,763,910.60
	Approved Contingency	\$29,230,000.00
	Remaining Contingency	\$9,466,089.40

Attachment: Executed March Change Orders (12380 : Project Delivery Contract Change Orders to On-Going Contracts)

<b>Project Delivery Contracts Executed Change Orders</b>		
<b>Number</b>	<b>Description</b>	<b>Amount</b>
Metrolink Active Transportation Program Phase II Project (23-1002919)		
Number	Description	Amount
17.1	Final quantity reconciliation of bid items.	\$21,729.00
	CCO Total	(\$221,026.87)
	Approved Contingency	\$900,661.70
	Remaining Contingency	\$1,121,688.57
I-10 Cedar Avenue Improvement (22-1002784)		
Number	Description	Amount
33	Cost increase due to modifications to various signal poles.	\$70,617.21
77	Remove and dispose of excess concrete after modification of concrete dike.	\$47,300.00
	CCO Total	\$2,954,578.40
	Approved Contingency	\$8,098,400.00
	Remaining Contingency	\$5,143,821.60
SR 210 Waterman Interchange Improvement Project (24-1003027)		
Number	Description	Amount
	CCO Total	\$232,103.39
	Approved Contingency	\$778,576.63
	Remaining Contingency	\$546,473.24
I-215 University Parkway Interchange (23-1002955)		
Number	Description	Amount
23	Correction to bid item due to Caltrans specification.	\$1,540.00
	CCO Total	\$237,056.97
	Approved Contingency	\$1,129,988.00
	Remaining Contingency	\$892,931.03
I-15 Corridor Freight and Express Lanes Project - Contract 1 (23-1003032)		
Number	Description	Amount
	CCO Total	\$582,362.19
	Approved Contingency	\$42,785,330.00
	Remaining Contingency	\$42,202,967.81
North 1st Avenue Bridge Over BNSF (22-1002780)		
Number	Description	Amount
	CCO Total	\$1,546,647.90
	Approved Contingency	\$3,561,922.00
	Remaining Contingency	\$2,015,274.10

Attachment: Executed March Change Orders (12380 : Project Delivery Contract Change Orders to On-Going Contracts)

## *Minute Action*

AGENDA ITEM: 3

***Date:*** March 12, 2026

***Subject:***

Express Lanes Automatic Occupancy Detection Pilot Program- Single source with Invision AI, Inc., and Indra USA, 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, at a regularly scheduled Board meeting:

- A. Authorize staff to conduct a four-month pilot test of the Invision AI, Inc. and Indra USA, Inc. Automatic Occupancy Detection (AOD) systems along the Interstate 10 Express Lanes.
- B. Authorize the Executive Director, or her designee, to enter into necessary **Single Source** agreements with Invision AI, Inc., and Indra USA, Inc., to conduct the pilot test, in an amount not-to-exceed \$150,000, subject to approval as to form by SBCTA General Counsel and in accordance with Contracting and Procurement Policy No. 11000 Section VI.A.3 **Single Source**.

***Background:***

Since the opening of the SB Express Lanes on Interstate 10 (I-10), enforcement of High Occupancy Vehicle (HOV) requirements has remained a persistent operational challenge. Currently, enforcement is performed by the California Highway Patrol (CHP) through traditional field patrols and a roadside beacon system that relies on drivers to self-declare their vehicle occupancy. While CHP has been a reliable enforcement partner, manual methods have inherent limitations—particularly in consistently and accurately verifying HOV 3+ compliance during peak travel periods.

The limited efficiency and inconsistency of the current enforcement approach has contributed to a significant rate of HOV occupancy abuse and therefore, loss of potential revenue. Field audits conducted by staff using high-speed camera systems have found that more than 40% of self-declared HOV 3+ users are noncompliant. This level of misuse undermines the operational goals of the SB Express Lanes, reduces travel-time savings for legitimate carpoolers, and erodes fairness for other express lane drivers.

To address these challenges, Automated Occupancy Detection (AOD) technology offers a promising solution. Two types of AOD systems are currently available:

- **Camera-Based AOD** uses roadside imaging equipment and artificial intelligence (AI) to determine the number of occupants in a vehicle traveling in the express lanes. As vehicles pass a toll point, the system captures images and applies computer vision models to identify the number of people inside by analyzing views from the windshield as well as front and rear seating areas.
- **App-Based AOD** relies on a mobile application that allows drivers to self-declare their vehicle occupancy before using the express lanes. Instead of relying on roadside cameras, the system uses data sources such as smartphone GPS, Bluetooth beacons, geofencing, or photo (biometric) verification to confirm occupancy status before, during, and after the trip.

*Entity: San Bernardino County Transportation Authority*

Since app-based AOD relies on driver self-declarations, which can be problematic for reliable enforcement, this pilot program will explore camera-based AOD. Camera-based AOD offers several advantages. It operates automatically, eliminating the need for drivers to download an app, register an account, or complete pre- or post-trip declarations. This system also captures verifiable visual evidence, which supports consistent enforcement and helps reduce toll revenue loss due to incorrect or fraudulent self-declarations. Overall, camera-based AOD provides a simple and user-friendly approach to occupancy verification, allowing customers to continue using their existing switchable transponders while the verification process occurs seamlessly through the camera.

Currently, two companies, Invision and Indra, offer camera-based AOD systems that utilize advanced imaging and AI technology and have been successfully implemented in revenue service applications. The Invision system uses a single camera housed in a compact unit, allowing for easier installation, while the Indra system employs a more complex design with four cameras that capture both front and rear cabin views. Since SBCTA operates a two-lane express lanes system, which is more complex than a single-lane configuration, a pilot program is necessary to evaluate the effectiveness and performance of both systems under real-world conditions.

#### Pilot Program Overview

SBCTA will conduct a four-month pilot program to evaluate camera-based AOD systems on the SB Express Lanes on I-10 with an estimated cost not-to-exceed \$150,000 for both companies. Invision AI, Inc., and Indra USA, Inc., will each deploy and operate their respective AOD systems for evaluation purposes according to the Scope of Work (Attachment A).

Each vendor will provide all AOD equipment for the duration of the pilot and will be responsible for installation, configuration, operation, and maintenance of its system at designated locations. Installation and deployment activities will be coordinated with SBCTA and the toll system integrator to ensure compatibility with existing infrastructure and to minimize impacts to express lanes operations. Occupancy data will be linked to toll transactions solely for evaluation and validation purposes. During the pilot period, AOD results will not be used to adjust tolls, issue citations, or take enforcement action.

Throughout the pilot, vendors will monitor system performance and provide technical support, calibration, and maintenance as needed. Each vendor will submit periodic performance reports summarizing system accuracy and other agreed-upon performance metrics to support staff evaluation. Vendors will also be required to implement data security and privacy safeguards consistent with applicable laws and SBCTA policies.

Staff will use the pilot results to evaluate system performance, accuracy, and the overall cost-benefit of implementing AOD on the express lanes. This evaluation will assess whether AOD can improve enforcement consistency, reduce HOV non-compliance, and protect toll revenue. The analysis will consider an estimated capital cost of approximately \$1,000,000 for a permanent, camera-based AOD system at two locations (one in each direction), along with ongoing annual costs of about \$450,000 for software licensing, image review, and maintenance. A one-time cost for toll collection system modifications will also be required.

In addition, the analysis will consider the potential return on investment from increased toll revenue and fees recovered from non-compliant users.

Based on the pilot findings, staff will return to the Board with recommendations regarding future implementation. If the Board elects to proceed with full deployment, updates to toll policy, business rules, and operational procedures will be necessary to integrate AOD into existing express lane operations.

Staff recommends procuring this service in accordance with Contracting and Procurement Policy 11000, Section VI.A.3 (**Single Source**), which permits **single-source** selection when unique qualifications are required. At this time, Invision AI, Inc., and Indra USA, Inc., are the only two companies that have deployed a camera-based AOD system on an operating express lanes facility.

**Financial Impact:**

This item is consistent with the adopted Budget for Fiscal Year 2025/2026 and funded with I-10 Express Lanes toll revenue in Program 70, Task 750 Express Lanes Operations.

**Reviewed By:**

This item is not scheduled for review by any other policy committee or technical advisory committee. SBCTA General Counsel and Procurement Manager have reviewed this item and the Scope of Work.

**Responsible Staff:**

Philip Chu, Deputy Director of Express Lanes

Approved  
Board of Directors Metro Valley Study Session  
Date: March 12, 2026  
Witnessed By:

# SBCTA: Express Lanes Vehicle Occupancy Detection (VOD) System Pilot Scope of Work

## 1. Project Overview

### 1.1. Background and Purpose

The SBCTA Express Lanes Vehicle Occupancy Detection (VOD) system pilot is designed to address the challenge of accurately determining vehicle occupancy in managed lanes—a critical factor for tolling equity, operational efficiency, and compliance with funding requirements. High occupancy vehicle (HOV) lanes often suffer from occupancy violations, which reduce lane performance and revenue, and undermine the user experience for legitimate participants. The pilot aims to evaluate advanced, privacy-preserving occupancy detection technologies to support SBCTA's goals of improved enforcement, data accuracy, and operational feasibility for future deployment.

The pilot is part of SBCTA's broader Express Lanes Program, which includes partnerships with TransCore (existing Toll Services Provider-TSP), Caltrans (Maintenance), and CHP (Enforcement). The program's vision is to enhance mobility and equity across the I-10 and I-15 corridors, with the pilot serving as a critical step toward full-scale automated occupancy enforcement.

The VOD system will determine the number of passengers, inclusive of the driver, in a vehicle driving in the SBCTA Express Lanes. The VOD system Contractor will provide a system with the ability to audit and validate and the VOD results verify the accuracy. The VOD system Contractor will integrate with the existing TSP.

### 1.2. Intended Location

The VOD system Contractor shall provide a VOD system pilot system for the I-10 Express Lanes. The VOD system will be located in either the eastbound or the westbound direction of the I-10 Express Lanes near the Vineyard Toll Zone(s). The potential sites were selected for their representative traffic conditions and existing infrastructure, including median toll pads and available power and communications. As available, the installation will leverage existing cabinets and poles, minimizing the need for new infrastructure and lane closures. Specific locations for each pilot installation will be determined after NTP and will require SBCTA approval.

### 1.3. Pilot Process

The pilot will proceed through several key phases:

- **Project Management:** coordination and Definition of Project Requirements, Project management, confirmation of deployment site requirements, equipment preparation and travel/shipping arrangements.
- **System Installation:** The VOD hardware and software will be installed and configured without requiring lane closures or major infrastructure changes. Coordination with SBCTA and the TSP will ensure a seamless operation.

- **Testing and Validation:** The pilot will follow an SBCTA-approved test plan, including baseline (optimal conditions), scenario-based, and operational testing. Daily execution reports and a final test report will document accuracy, reliability, and integration feasibility.
- **Data Collection and Analysis:** A reasonable amount of data to validate the functioning of the system (up to four months) will be collected by the Contractor. Manual image review will be performed on a subset of transactions to validate accuracy. The pilot will also estimate violation rates for a subset of matched transactions. SBCTA authorized users will be able to access the VOD Host System to audit images and occupancy data, ensuring compliance with California PII legislation. The system will provide detailed transaction data, including occupancy counts, confidence values, and mismatch detection status.
- **Reporting and Recommendations:** The Contractor will deliver comprehensive reports, including daily test execution, final pilot results, and end-of-pilot recommendations for future deployment.

#### 1.4. VOD Pilot Milestones

<u>Milestone #</u>	<u>Milestone</u>	<u>Payment Milestone Percentage</u>
1.	VOD System Mobilization: Proposed Schedule provided to SBCTA, VOD equipment and VOD Host system preparation for installation.	<u>33.33%</u>
2.	VOD system Installation: Installation of the VOD hardware and software roadside and the VOD Host system.	<u>33.33%</u>
3.	VOD Completion: Testing completed, Analysis of Pilot Data performed and SBCTA approval of VOD Pilot Completion.	<u>33.33%</u>

### 2. VOD system Pilot Requirements

#### 2.1. Project Management Requirements

1.	The VOD system Contractor shall provide an SBCTA approved schedule at least seven (7) days prior to commencement of any work.
2.	The VOD system Contractor shall provide notice to SBCTA at least twenty-four (24) hours prior to any changes to the work schedule to be approved by SBCTA.
3.	The VOD system Contractor shall procure of all Hardware and Software necessary to provide the VOD system to perform the functions described in this Scope of Work.
4.	The VOD system Contractor shall prepare the equipment for travel/shipping arrangements to the approved location for installation.

## 2.2. General Implementation Requirements

5.	The VOD system Contractor shall provide the VOD system and the services to install, tune and test the VOD system.
6.	The VOD system software shall run on a separate server at the Toll Zone and the results of the VOD system will be transmitted to a VOD system Host System.
7.	The VOD system Host System shall be accessible by SBCTA Authorized Users for analysis. SBCTA Authorized Users will validate and verify the VOD system Images and VOD system Data Accuracy.
8.	The VOD system Host System shall be in adhere to and be in compliance with all California PII legislation.
9.	The VOD system Contractor shall install the VOD system at the roadside at a structure (roadside pole or toll gantry) to be approved by SBCTA.
10.	The VOD system Contractor shall coordinate with SBCTA, the TSP, other pilot VOD system providers if another pilot VOD system is implemented by SBCTA during the same pilot period.

## 2.3. VOD system Hardware Requirements

11.	The VOD system shall include high-resolution camera(s) capable capturing images in each travel lane under all lighting conditions and times of day.
12.	The VOD system shall have power protection.
13.	The VOD system shall have the capability to communicate via wired or wireless options.

## 2.4 VOD system Roadside Requirements

14.	The VOD system shall have the ability to capture images in up to 2 travel lanes.
15.	The VOD system shall capture images in each travel lane of the interior compartment of each vehicle and use software-based image processing technology to determine the number of passengers, inclusive of driver, in the vehicle. With two lanes, it is understood that some images may be obfuscated by vehicles travelling in adjacent lanes; however, the image shall still be captured and processed to determine occupancy based on the availability of acceptable images and complete views into the passenger compartment. Capture images shall fully show the front row seats and second row seats (if applicable).
16.	The software-based image processing technology shall produce a confidence value for each determination of occupancy that indicates the relative certainty of the result. This value shall be used to compare to the threshold value, above which the occupancy result can be relied upon without manual review of the corresponding images.

17.	The VOD system shall perform image capture and determine the detected occupancy in real time for vehicles travelling at speeds up to 100 mph.
-----	---

## 2.5. VOD Host System Requirements

18.	The VOD system Host System shall be accessible by SBCTA Authorized Users for analysis. SBCTA Authorized Users will validate and verify the VOD system Images and VOD system Data Accuracy.
19.	The VOD system Host System shall be in adhere to and be in compliance with all California PII legislation.
20.	The VOD system Host System shall provide access to all the VOD system data and images captured at the roadside for each transaction. The system shall include the front row and second row (if applicable) images and occupancy data of every transaction.
21.	The VOD system transaction occupancy data shall contain the detected occupancy, mismatch detection status, date, time, and accuracy confidence.
22.	The VOD system Host System shall provide All VOD data, images, and reports for the Pilot.
23.	The VOD system Host System shall provide authorized users the ability to review VOD transaction data and images to audit the accuracy of the VOD system.

## 2.6. VOD Audit Requirements

24.	The VOD system Contractor shall perform an audit of the VOD pilot data to be reviewed and approved in conjunction with SBCTA.
25.	The VOD system Contractor audit a minimum sample size of 10,000 images.

## 2.7. Installation Requirements

26.	The VOD system Contractor shall provide the VOD system Hardware and Software installed to support the SBCTA VOD system pilot.
27.	The VOD system Contractor shall install the VOD system roadside equipment in either the eastbound or westbound direction of the SB Express Lanes near the Vineyard Toll Zone, as approved by SBCTA. Any change in the location shall be approved by SBCTA.
28.	The VOD system shall consist of all Hardware and Software necessary to perform the functions described in this Scope of Work.
29.	The installation of the VOD system equipment shall not require any lane closures or any infrastructure changes.

30.	The VOD system Contractor shall request approval from SBCTA to coordinate any installation activities during with the Caltrans Maintenance team, Civil Contractor, and/or the TSP.
31.	The VOD system Contractor shall coordinate with SBCTA and the existing TSP to schedule the installation of the VOD system.
32.	The VOD system shall be self-contained, independent from the others, and outfitted with all Hardware, Software, and Equipment necessary to perform its functions.
33.	All in-lane VOD system Equipment, electronics, devices, servers, and associated communications Equipment shall be environmentally rated for the weather conditions of each corridor or installed inside environmentally controlled equipment cabinets or enclosures at the roadside that meet NEMA 3. All Equipment accessible from ground level shall be secured to prevent theft and protected from vandalism. Cameras, flashes and other Equipment shall have enclosures or lenses that are easily replaced.
34.	Network Equipment and communications services shall be installed and sized with enough bandwidth to for the transmission of data and images from the VOD system at the roadside to the VOD system Host System

## 2.8. Testing Requirements

35.	The VOD system Contractor shall support testing of an SBCTA VOD system Test Plan which can be used by SBCTA to evaluate a “high level” accuracy, reliability, integration feasibility, data formats, and operational feasibility of the VOD system.
36.	The SBCTA VOD system Test Plan shall include Baseline (Optimal Conditions) Testing, Functional (Scenario Based) Testing and Operational Testing procedures.
37.	The VOD system Contractor shall provide the Daily Test Execution Report showing test activities completed, successes, failures, key findings, and areas of concern.
38.	The VOD system Contractor shall provide the Final Test Report detailing the pilot results, key findings, and how well the VOD system complied with the success criteria.
39.	The VOD system Contractor shall provide the End of Pilot Recommendations Report identifying any recommended updates and changes needed prior to full system deployment. The report shall also include estimate violation rates for a subset of matched transactions.

## 2.9. Reporting Requirements

40.	The VOD system reporting functionality and capabilities shall provide VOD Host System Reporting.
-----	--

## 2.10. VOD Pilot Completion Requirements

41.	After the approval of the Final Test Report, the VOD system Contractor shall destroy/discard all the data subject to California PII laws and regulations.
42.	After the approval of the Final Test Report, the VOD system contractor shall remove all installed equipment and materials.
43.	SBCTA shall provide approval of the completion of the VOD Pilot when all milestones have been completed.

## *Minute Action*

AGENDA ITEM: 4

**Date:** *March 12, 2026*

**Subject:**

Amendment No. 1 to Contract No. 23-1002944 for Express Lanes Program Support Services

**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. Approve Amendment No. 1 to Contract No. 23-1002944 with HNTB Corporation for Express Lanes Program Support Services to exercise the first one-year option term, extending the contract through September 30, 2027.

B. Approve an increase to the contract value in the amount of \$300,000 to complete the initial term through September 30, 2026, and an additional \$1,800,000 for the option term through September 30, 2027, for a revised total not-to-exceed contract amount of \$5,400,000 to be funded by Measure I Valley Freeway Program and Express Lanes Operations funds.

C. Approve a contingency for a not-to-exceed amount of \$180,000 for the option term; and authorize the Executive Director, or her designee, to release contingency as needed for SBCTA Express Lanes Program Support Services, to be funded by Measure I Valley Freeway Program and Express Lanes Operations funds.

**Background:**

On September 6, 2023, the San Bernardino County Transportation Authority (SBCTA) Board of Directors (Board) awarded Contract No. 23-1002944 to HNTB Corporation for Express Lanes Program Support Services. The contract provided a not-to-exceed amount of \$3,000,000 for an initial term through September 30, 2026, and included two one-year option terms that may be exercised at SBCTA's discretion.

HNTB has provided support in response to program needs and has assisted the agency's transition into Express Lanes operations since the opening of the Interstate 10 (I-10) Contract 1 Express Lanes in August 2024. Staff recommends exercising the first one-year option term to extend the contract through September 30, 2027. This extension will allow HNTB to continue providing Express Lanes operational support, as well as tolling implementation support for both the Interstate 15 (I-15) Express Lanes Contract 1 and the I-10 Express Lanes Contract 2 projects during construction.

Tolling implementation support services for the I-15 Express Lanes Contract 1 project were not budgeted within the original contract amount when the contract was awarded, as this work was previously performed under a separate on-call construction management contract with HNTB as a subconsultant. In Fiscal Year (FY) 2024/2025, this work was transitioned into the Express Lanes Program Support contract since it was originally included in the contract scope of work, to streamline contract management and reduce overall project management costs. This transition required additional contract budget authority to complete the initial contract term. The overall total cost for tolling implementation support on the I-15 Express Lanes project remains unchanged.

*Entity: San Bernardino County Transportation Authority*

The additional contract budget is also required due to changes in Express Lanes program staffing and departmental reorganization, which necessitated increased consultant support to maintain workload coverage and ensure continued project delivery during FY 2025/2026. Staff anticipates that the level of consultant support will be reduced once the proposed staff position is approved as part of the next fiscal year budget.

The amount required to complete the remaining initial contract term through September 30, 2026, is \$300,000. The estimated cost of the one-year option term is \$1,800,000, which includes Express Lanes operations support and tolling implementation support services during construction. In addition, staff requests authorization of a \$180,000 contingency for the option term. This results in a revised total not-to-exceed contract amount of \$5,400,000.

**Financial Impact:**

This item is included in the adopted Budget for Fiscal Year 2025/2026 and funded with Toll Revenue under Program 40, Express Lanes Development and Program 70, Express Lanes Operation under Task No. 0750 Express Lanes Operations and Task No. 0821 Express Lanes Project Development .

**Reviewed By:**

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

**Responsible Staff:**

Jillian Peterson, Management Analyst II

Approved  
Board of Directors Metro Valley Study Session  
Date: March 12, 2026  
Witnessed By:

**Contract Summary Sheet**

**General Contract Information**

Contract No: 23-1002944 Amendment No.: 1  
 Contract Class: Payable Department: Toll Operations  
 Vendor No.: 01022 Vendor Name: HNTB Corp  
 Description: Express Lanes Program Consultant Support Services

List Any Related Contract Nos.:

Dollar Amount					
Original Contract	\$	3,000,000.00	Original Contingency	\$	300,000.00
Prior Amendments	\$	-	Prior Amendments	\$	-
Prior Contingency Released	\$	300,000.00	Prior Contingency Released (-)	\$	(300,000.00)
Current Amendment	\$	2,100,000.00	Current Amendment	\$	180,000.00
<b>Total/Revised Contract Value</b>	<b>\$</b>	<b>5,400,000.00</b>	<b>Total Contingency Value</b>	<b>\$</b>	<b>180,000.00</b>
<b>Total Dollar Authority (Contract Value and Contingency)</b>				<b>\$</b>	<b>5,580,000.00</b>

**Contract Authorization**

Board of Directors Date: 4/1/2026 Committee Item # \_\_\_\_\_

**Contract Management (Internal Purposes Only)**

Other Contracts \_\_\_\_\_ Sole Source? No No Budget Adjustment \_\_\_\_\_  
 Local \_\_\_\_\_ Professional Services (Non-A&E) \_\_\_\_\_ N/A \_\_\_\_\_

**Accounts Payable**

Estimated Start Date: 4/1/2026 Expiration Date: 10/1/2026 Revised Expiration Date: 9/30/2027  
 NHS: N/A QMP/QAP: N/A Prevailing Wage: N/A

Fund	Prog	Task	Sub-Task	Object	Revenue	PA Level	Revenue Code Name	Total Contract Funding:		Total Contingency:	
								\$		\$	
								\$ 5,400,000.00		\$ 180,000.00	
GL:	4110	40	0821	0821	52005	41100000		405,000.00		-	
GL:	4110	40	0821	0831	52005	41100000		830,000.00		90,000.00	
GL:	7550	70	0750	0000	61110	44001090		2,610,000.00		-	
GL:	7550	70	0750	0000	61110	44001000		1,555,000.00		90,000.00	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	
GL:								-		-	

Jillian Peterson  
 Project Manager (Print Name)

Kristi Harris  
 Task Manager (Print Name)

Additional Notes:

Attachment: CSS - Revised - 08-25-2022 10.11am (12140 : Amendment No. 1 to Contract 23-1002944 for Express Lanes Program Consultant

**AMENDMENT NO. 1 TO CONTRACT NO. 23-1002944**

**FOR**

**EXPRESS LANES PROGRAM SUPPORT**

**(HNTB CORPORATION)**

This AMENDMENT No. 1 to Contract No. 23-1002944 (“Contract”) is made by and between San Bernardino County Transportation Authority (“SBCTA”), and HNTB Corporation (“CONSULTANT”). SBCTA and CONSULTANT are each a “Party” and are collectively the “Parties”.

**RECITALS:**

- A. On September 21, 2023, SBCTA and CONSULTANT entered into Contract No. 23-1002944 to provide Express Lanes Program Support Services; and
- B. SBCTA desires to exercise its first option to extend the contract one year through September 30, 2027; concurrently, the Parties desire to increase the contract value from \$3,000,000 to \$5,400,000.

**NOW THEREFORE**, in consideration of the terms and conditions set forth herein, the Parties agree as follows:

1. Article 2. Contract Term, shall be revised in its entirety to read as follows:

**ARTICLE 2. CONTRACT TERM**

The Contract term shall commence upon issuance of a written Notice to Proceed (NTP) issued by SBCTA’s Procurement Analyst, and shall continue in full force and effect through September 30, 2027 until otherwise terminated, or unless extended as hereinafter provided by written amendment, except that all indemnity and defense obligations hereunder shall survive termination of this Contract. CONSULTANT shall not be compensated for any Work performed or costs incurred prior to issuance of the NTP.

SBCTA at its sole discretion may extend the term of the Contract for one (1) one-year option term. The maximum term of this Contract, including the Option Term, if exercised, will not exceed September 30, 2028.

2. Article 3. Compensation, Section 3.2 shall revise the first sentence as follows:

The total Contract Not-to-Exceed Amount is Five Million, Four Hundred Thousand Dollars (\$5,400,000).

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

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

**IN WITNESS WHEREOF**, the Parties have duly executed this Amendment No. 1 below.

**HNTB CORPORATION**

**SAN BERNARDINO COUNTY  
TRANSPORTATION AUTHORITY**

By:

\_\_\_\_\_  
Kevin A. Haboian, Vice President

Date:

\_\_\_\_\_

By:

\_\_\_\_\_  
Rick Denison, President, Board of Directors

Date:

\_\_\_\_\_

**APPROVED AS TO FORM**

By:

\_\_\_\_\_  
Craig W. Denson, Secretary

Date:

\_\_\_\_\_

By:

\_\_\_\_\_  
Julianna K. Tillquist, General Counsel

Date:

\_\_\_\_\_

**CONCURRENCE**

By:

\_\_\_\_\_

Date:

\_\_\_\_\_

By:

\_\_\_\_\_  
Alicia J. Bullock, Procurement Manager

Date:

\_\_\_\_\_

Attachment: 23-1002944 HNTB Option 1 (12140 : Amendment No. 1 to Contract 23-1002944 for Express Lanes Program Consultant Support

# Additional Information

**BOARD OF DIRECTORS METRO VALLEY STUDY SESSION ATTENDANCE – 2026  
VALLEY BOARD MEMBER ATTENDANCE**

<b>Name</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Eunice Ulloa</b> City of Chino												
<b>Ray Marquez</b> City of Chino Hills		X										
<b>Frank Navarro</b> City of Colton		X										
<b>Aquanetta Warren</b> City of Fontana		X										
<b>Bill Hussey</b> City of Grand Terrace		X										
<b>Larry McCallon</b> City of Highland		X										
<b>Ronald Dailey</b> City of Loma Linda												
<b>John Dutrey</b> City of Montclair		X										
<b>Alan Wapner</b> City of Ontario		X										
<b>L. Dennis Michael</b> City of Rancho Cucamonga		X										
<b>Mario Saucedo</b> City of Redlands		X										
<b>Joe Baca</b> City of Rialto		X										
<b>Helen Tran</b> City of San Bernardino												
<b>Rudy Zuniga</b> City of Upland												
<b>Judy Woosley</b> City of Yucaipa		X										
<b>Curt Hagman</b> Board of Supervisors												

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 – 2026**

**VALLEY BOARD MEMBER ATTENDANCE (Cont.)**

<b>Name</b>	<b>Jan</b>	<b>Feb</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Dawn Rowe</b> Board of Supervisors		X										
<b>Jesse Armendarez</b> Board of Supervisors												
<b>Joe Baca, Jr.</b> Board of Supervisors		X										

**MOUNTAIN/DESERT BOARD MEMBER ATTENDANCE**

<b>Daniel Ramos</b> City of Adelanto		X										
<b>Art Bishop</b> Town of Apple Valley		X										
<b>Timothy Silva</b> City of Barstow		*										
<b>Rick Herrick</b> City of Big Bear Lake												
<b>Josh Pullen</b> City of Hesperia		*										
<b>Janet Jernigan</b> City of Needles												
<b>Daniel Mintz, Sr.</b> City of Twentynine Palms												
<b>Bob Harriman</b> City of Victorville		X										
<b>Rick Denison</b> Town of Yucca Valley		X										
<b>Paul Cook</b> Board of Supervisors												

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
ACFR	Annual Comprehensive Financial Report
ACT	Association for Commuter Transportation
ADA	Americans with Disabilities Act
APTA	American Public Transportation Association
AQMP	Air Quality Management Plan
ARRA	American Recovery and Reinvestment Act
ATC	San Bernardino County Auditor-Controller/Treasurer/Tax Collector
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
CAMP	California Asset Management Program
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 or County Transportation Commission
CTP	Comprehensive Transportation Plan
DBE	Disadvantaged Business Enterprise
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
ERP	Enterprise Resource Planning
FHWA	Federal Highway Administration
FSP	Freeway Service Patrol
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GAAP	Generally Accepted Accounting Principals
GA Dues	General Assessment Dues
GASB	Governmental Accounting Standards Board
GFOA	Government Finance Officers Association
GIS	Geographic Information Systems
HOV	High-Occupancy Vehicle
ICAP	Indirect Cost Allocation Plan
IIEP	Inland Empire Economic Partnership
IREN	Inland Regional Energy Network
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
IIP/ITIP	Interregional Transportation Improvement Program
ITOC	Independent Taxpayer Oversight Committee
ITS	Intelligent Transportation Systems
IVDA	Inland Valley Development Agency

**Acronym List**

LACMTA	Los Angeles County Metropolitan Transportation Authority
LAIF	Local Agency Investment Fund
LAPM	Local Assistance Procedures Manual - Caltrans
LNG	Liquefied Natural Gas
LTF	Local Transportation Funds
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
ONT	Ontario International Airport
PACE	Property Assessed Clean Energy
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
PS&E	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
SBCERA	San Bernardino County Employees' Retirement Association
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCP	Solutions for Congested Corridors Program
SCRRA	Southern California Regional Rail Authority
SHA	State Highway Account
SHOPP	State Highway Operations and Protection Program
SRTP	Short Range Transit Plan
SGR	State of Good Repair Funds
STA	State Transit Assistance Funds
STIP	State Transportation Improvement Program
STP	Surface Transportation Block Grant Program
TAC	Technical Advisory Committee
TCEP	Trade Corridor Enhancement Program
TCIF	Trade Corridor Improvement Fund
TCM	Transportation Control Measure
TCRP	Traffic Congestion Relief Program
TDA	Transportation Development Act
TIFIA	Transportation Infrastructure Finance and Innovation Act
TIRCP	Transit and Intercity Rail Capital Program
TMC	Transportation Management Center

## Acronym List

TMEE	Traffic Management and Environmental Enhancement
TSM	Transportation Systems Management
UAAL	Unfunded Actuarial Accrued Liability
USFWS	United States Fish and Wildlife Service
VMT	Vehicle Miles Traveled
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