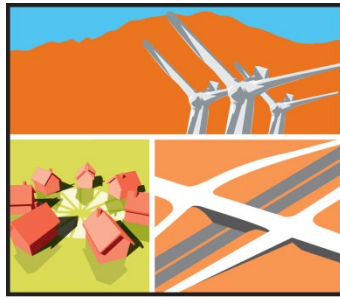


**TRANSPORTATION COMMITTEE VOTING MEMBERS WILL RECEIVE A UNIQUE PANELIST LINK BY EMAIL.
PLEASE USE THIS LINK TO PARTICIPATE IN THIS MEETING.**



CVAG

Pursuant to Assembly Bill 361 and the findings made by CVAG, this meeting will only be conducted via video/teleconferencing.

TRANSPORTATION COMMITTEE MEETING AGENDA

**MONDAY, JUNE 6, 2022
10:00 a.m.**

INSTRUCTIONS FOR PUBLIC PARTICIPATION

Members of the public may use the following link:

<https://us02web.zoom.us/j/84274672227?pwd=NHdsUjdFVFVYZzk3YkFGZksrTzZWZz09>

Password: 943906

One Tap Mobile: +16699009128,,84274672227#

Dial In: +1 669 900 9128

Webinar ID: 842 7467 2227

Password: 943906

***This will provide listening access and ability to address the
Transportation Committee when called upon.***

IF YOU ARE UNABLE TO CONNECT VIA DIAL IN OPTION, PLEASE CALL 760-346-1127.

Public comment is encouraged to be emailed to the Transportation Committee prior to the meeting at cvag@cvag.org by 5:00 p.m. on the day prior to the committee meeting.

Comments intended to be read aloud should be no more than 300 characters.

**THIS MEETING IS HANDICAPPED ACCESSIBLE.
ACTION MAY RESULT ON ANY ITEMS ON THIS AGENDA.**

**UNLESS OTHERWISE STATED, ALL ACTION ITEMS WILL BE PRESENTED TO THE EXECUTIVE
COMMITTEE FOR FINAL APPROVAL.**

1. **CALL TO ORDER** – Chair Steven Hernandez, Mayor, City of Coachella

2. **ROLL CALL** – Jennifer Nelson

A. **Member Roster**

[4](#)

3. **PUBLIC COMMENTS ON AGENDA ITEMS**

This is the time and place for members of the public to address the Transportation Committee on agenda items. At the discretion of the Chair, comments may be taken at the time items are presented. Please limit comments to three (3) minutes.

4. **CHAIR / EXECUTIVE DIRECTOR ANNOUNCEMENTS**

5. **CONSENT CALENDAR**

A. **Approve the April 4, 2022 Transportation Committee Meeting Minutes**

[5](#)

6. **DISCUSSION / ACTION**

A. **Riverside County Transportation Commission (RCTC) Legislative Update on Assembly Bill 2237** – David Knudsen, RCTC External Affairs Director

[10](#)

Recommendation: Information

B. **Next Steps on the Portola Avenue Interchange at Interstate 10** – Jonathan Hoy

[11](#)

Recommendation: Authorize the following steps in order to suspend the Portola Avenue Interchange at I-10 Project after completion of the Plans, Specifications and Estimate (PS&E) phase:

1. Approve Amendment No. 3 to the Reimbursement Agreement between CVAG, the City of Palm Desert, and the County of Riverside; and
2. Approve a Memorandum of Understanding between CVAG and the City of Palm Desert Regarding Reimbursement Agreement to return the remaining bond proceeds on deposit for the project.

C. **CV Sync Update and Contract Amendment for Construction Management Services** – Eric Cowle

[17](#)

Recommendation: Authorize the Executive Director to execute Amendment No. 1 to the agreement with TKE Engineering, Inc. for a total not-to-exceed amount of \$7,458,648 for construction management services during Phase II of CV Sync through March 2025; and authorize the Executive Director and/or Legal Counsel to make clarifying changes/revisions before contract execution

7. **INFORMATION**

a) Status of I-10 Interchange Projects	<u>24</u>
b) CVAG Regional Arterial Program – Project Status Report	<u>25</u>
c) Bicycle/Pedestrian Safety Program – Project Status Report	<u>26</u>
d) Transportation Committee Attendance Roster	<u>27</u>
e) CVAG Meeting Calendar for Fiscal Year 2022/23	<u>28</u>
f) CVAG Projects Highlighted at Institute of Transportation Engineers' US Western District Conference	<u>29</u>
g) Update on Western Coachella Valley Flooding and Blowsand Projects	<u>30</u>

8. PUBLIC COMMENTS ON NON-AGENDA ITEMS

This is the time and place for members of the public to address the Transportation Committee on items of general interest within the purview of this committee. Please limit comments to two (2) minutes.

9. ANNOUNCEMENTS

The next meeting of the **Transportation Committee** will be held on Monday, August 29, 2022, at 10:00 a.m. via Zoom webinar.

The next meeting of the **Executive Committee** will be held on Monday, June 6, 2022, at 4:30 p.m. via Zoom webinar.

The next meeting of the **General Assembly** will be held on Monday, June 27, 2022, at 6 p.m. via Zoom webinar.

10. ADJOURNMENT

ITEM 2A**TRANSPORTATION COMMITTEE
ROSTER**

Transportation Committee Members	
Agua Caliente Band of Cahuilla Indians	Jessica Norte Tribal Councilmember
City of Blythe	Joseph DeConinck Vice Mayor
City of Cathedral City	Raymond Gregory Councilmember
City of Coachella	Steven Hernandez, Chair Mayor
City of Desert Hot Springs	Scott Matas Mayor
City of Indian Wells	Dana Reed, Vice Chair Mayor
City of Indio	Elaine Holmes Councilmember
City of La Quinta	Robert Radi Councilmember
City of Palm Desert	Jan Harnik Mayor
City of Palm Springs	Dennis Woods Councilmember
City of Rancho Mirage	Ted Weill Councilmember
County of Riverside	V. Manuel Perez Supervisor
	Mark Lancaster Director of Transportation
Ex-Officio/Non-Voting Members	
SunLine Transit (Ex Officio)	Lauren Skiver General Manager

ITEM 5A

TRANSPORTATION COMMITTEE MINUTES OF MEETING APRIL 4, 2022



The audio file for this committee meeting can be found at <http://www.cvag.org/audio.htm>

1. CALL TO ORDER

The Transportation Committee meeting was called to order by Chair Steven Hernandez, City of Coachella, on Monday, April 4, 2022 at 10 a.m. via Zoom videoconference, which was pursuant to Assembly Bill 361 and the findings made by CVAG.

2. ROLL CALL

A roll call was taken, and it was determined that a quorum was present.

MEMBERS/ALTERNATES PRESENT

Tribal Councilmember Jessica Norte
Vice Mayor Joseph DeConinck
Councilmember Raymond Gregory
Mayor Jan Harnik
Mayor Steven Hernandez, Chair
Mayor Scott Matas
Mayor Dana Reed, Vice Chair
Councilmember Elaine Holmes
Councilmember Robert Radi
Councilmember Dennis Woods
Mayor Ted Weill
Supervisor V. Manuel Perez

AGENCY

Agua Caliente Band of Cahuilla Indians
City of Blythe (*Arrived during Item 6A*)
City of Cathedral City
City of Palm Desert
City of Coachella
City of Desert Hot Springs
City of Indian Wells
City of Indio
City of La Quinta
City of Palm Springs
City of Rancho Mirage
County of Riverside (*Left during Item 6A*)

MEMBERS/ EX OFFICIOS ABSENT

Lauren Skiver (Ex Officio member)

SunLine Transit Agency

STAFF PRESENT

Tom Kirk
Erica Felci
Jonathan Hoy
Eric Cowle
Peter Satin
Joanna Stueckle
Jennifer Nelson
Emmanuel Martinez
Gustavo Gomez
Allen McMillen
Kevin Broadie

OTHERS PRESENT

David Salgado
Mark Lancaster
Brittany Sowell
Luke Rainey

SCAG
County of Riverside
Sunline Transit Agency
City of Desert Hot Springs

3. PUBLIC COMMENTS ON AGENDA ITEMS

None.

4. CHAIR/ EXECUTIVE DIRECTOR ANNOUNCEMENTS

Mayor Matas provided an update on Indian Canyon Drive improvements followed by a brief presentation on the status of the CV Link by Executive Director Kirk.

Chair Hernandez asked for an update on the traffic concerns on Interstate 10 between Cabazon and Beaumont to ensure traffic will flow well during festival season. Executive Director Kirk indicated CVAG staff would discuss the issue with Caltrans.

In reply to Councilmember Woods' request for an update on the blowsand study, Executive Director Kirk indicated an update would be provided at the June 2022 Transportation Committee meeting.

5. CONSENT CALENDAR

IT WAS MOVED BY COUNCILMEMBER RADI AND SECONDED BY COUNCILEMBER HOLMES TO:

- A. APPROVE THE FEBRUARY 7, 2022 TRANSPORTATION COMMITTEE MEETING MINUTES**
- B. ACCEPT THE TUMF ANNUAL AND FIVE-YEAR REPORT FOR FISCAL YEAR 2020/2021**
- C. AUTHORIZE THE CVAG EXECUTIVE DIRECTOR TO TAKE THE NECESSARY STEPS TO ACCEPT \$1,063,044 OF DEVELOPER-OBLIGATED PAYMENTS IN THE CITY PALM SPRINGS TO OFFSET CONSTRUCTION COSTS RELATED TO CV LINK**

THE MOTION FOR ITEM 5A CARRIED WITH 10 AYES, 1 ABSTENTION AND 1 MEMBER ABSENT, AND CARRIED FOR ITEMS 5B-C WITH 11 AYES AND 1 MEMBER ABSENT.

COUNCILMEMBER NORTE	AYE
VICE MAYOR DECONINCK	ABSENT
COUNCILMEMBER GREGORY	AYE (ABSTAINED FROM ITEM 5A)
MAYOR HERNANDEZ	AYE
MAYOR MATAS	AYE
MAYOR REED	AYE
COUNCILMEMBER HOLMES	AYE
COUNCILMEMBER RADI	AYE
MAYOR HARNIK	AYE
COUNCILMEMBER WOODS	AYE
MAYOR WEILL	AYE
SUPERVISOR PEREZ	AYE

6. DISCUSSION / ACTION

A. Grant Funding for Connecting CV Link to Parks in Cathedral City and Coachella – Gustavo Gomez

Gustavo Gomez presented the staff report highlighting the Clean California Grant Program and the community connectors project.

IT WAS MOVED BY COUNCILMEMBER GREGORY AND SECONDED BY COUNCILMEMBER RADI TO ADOPT CVAG RESOLUTION 2022-03 AND AUTHORIZE THE EXECUTIVE DIRECTOR TO TAKE THE NECESSARY STEPS TO ACCEPT \$1,153,341 FOR THE COACHELLA VALLEY COMMUNITY CONNECTORS PROJECT

THE MOTION CARRIED WITH 11 AYES AND 1 MEMBER ABSENT.

COUNCILMEMBER NORTE	AYE
VICE MAYOR DECONINCK	AYE
COUNCILMEMBER GREGORY	AYE
MAYOR HERNANDEZ	AYE
MAYOR MATAS	AYE
MAYOR REED	AYE
COUNCILMEMBER HOLMES	AYE
MAYOR PRO TEM FITZPATRICK	AYE
MAYOR HARNIK	AYE
COUNCILMEMBER WOODS	AYE
MAYOR WEILL	AYE
SUPERVISOR PEREZ	ABSENT

B. Amendment No. 1 to the Reimbursement Agreement with City of Indio for the Avenue 44 Bridge Project – Eric Cowle

Eric Cowle presented the staff report. Brief discussion ensued regarding the availability of state funding.

IT WAS MOVED BY COUNCILMEMBER HOLMES AND SECONDED BY COUNCILMEMBER RADI TO APPROVE AMENDMENT NO. 1 TO THE REIMBURSEMENT AGREEMENT BETWEEN CVAG AND THE CITY OF INDIO FOR THE AVENUE 44 BRIDGE PROJECT, INCREASING CVAG'S REGIONAL SHARE OF THE PROJECT BY \$1,561,740 FOR A NOT-TO-EXCEED TOTAL OF \$3,216,000 FOR DESIGN AND CONSTRUCTION

THE MOTION CARRIED WITH 12 AYES.

COUNCILMEMBER NORTE	AYE
VICE MAYOR DECONINCK	AYE
COUNCILMEMBER GREGORY	AYE
MAYOR HERNANDEZ	AYE
MAYOR MATAS	AYE
MAYOR REED	AYE
COUNCILMEMBER HOLMES	AYE
MAYOR PRO TEM FITZPATRICK	AYE
MAYOR HARNIK	AYE
COUNCILMEMBER WOODS	AYE
MAYOR WEILL	AYE

SUPERVISOR PEREZ

AYE

C. Contract Amendment with Alta Planning & Design for CV Link – Jonathan Hoy

Mr. Hoy provided the staff report.

IT WAS MOVED BY COUNCILMEMBER GREGORY AND SECONDED BY SUPERVISOR PEREZ TO AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE AMENDMENT NO. 10 TO THE AGREEMENT WITH ALTA PLANNING & DESIGN FOR A TOTAL NOT-TO-EXCEED AMOUNT OF \$551,352; AND AUTHORIZE THE EXECUTIVE DIRECTOR AND/OR LEGAL COUNSEL TO MAKE CLARIFYING CHANGES/REVISIONS BEFORE EXECUTION

THE MOTION CARRIED UNANIMOUSLY.

COUNCILMEMBER NORTE	AYE
VICE MAYOR DECONINCK	AYE
COUNCILMEMBER GREGORY	AYE
MAYOR HERNANDEZ	AYE
MAYOR MATAS	AYE
MAYOR REED	AYE
COUNCILMEMBER HOLMES	AYE
MAYOR PRO TEM FITZPATRICK	AYE
MAYOR HARNIK	AYE
COUNCILMEMBER WOODS	AYE
MAYOR WEILL	AYE
SUPERVISOR PEREZ	AYE

D. TUMF Inflation Adjustment for Calendar Year 2023 – Peter Satin

Mr. Satin provided a staff report. A brief discussion occurred.

IT WAS MOVED BY MAYOR WEILL AND SECONDED BY COUNCILEMBER RADI TO ADOPT AN 8.2-PERCENT INCREASE IN THE TRANSPORTATION UNIFORM MITIGATION FEE RATES TO ADJUST FOR INFLATION, AND UPDATE THE TUMF HANDBOOK TO REFLECT THE REVISED FEE UPON ITS EFFECTIVE DATE OF JANUARY 1, 2023

THE MOTION CARRIED UNANIMOUSLY.

COUNCILMEMBER NORTE	AYE
VICE MAYOR DECONINCK	AYE
COUNCILMEMBER GREGORY	AYE
MAYOR HERNANDEZ	AYE
MAYOR MATAS	AYE
MAYOR REED	AYE
COUNCILMEMBER HOLMES	AYE
MAYOR PRO TEM FITZPATRICK	AYE
MAYOR HARNIK	AYE
COUNCILMEMBER WOODS	AYE
MAYOR WEILL	AYE
SUPERVISOR PEREZ	AYE

7. INFORMATION

- a. **Status of I-10 Interchange Projects**
- b. **CVAG Regional Arterial Program – Project Status Report**
- c. **Bicycle/Pedestrian Safety Program – Project Status Report**
- d. **Transportation committee Attendance Roster**
- e. **Update on Middle-Mile Broadband Efforts**
- f. **Update on legislative advocacy efforts**

These items were placed in the agenda for member information.

8. PUBLIC COMMENTS ON NON-AGENDA ITEMS

None.

9. ANNOUNCEMENTS

Upcoming Meetings via Zoom videoconference:

Transportation Committee – Monday, May 2, 2022 at 10:00 a.m. via Zoom

Executive Committee - Monday, April 25, 2022, 4:30 p.m. via Zoom

10. ADJOURNMENT

Prior to the adjournment, Executive Director Kirk noted CVAG's support of the Riverside County Transportation Commission's efforts to fund Tier 2 work of the Coachella Valley-San Geronio Pass Rail project.

There being no further business, Chair Hernandez adjourned the meeting at 10:30 a.m.

Respectfully submitted,

Jennifer Nelson
Executive Assistant/Clerk

ITEM 6A

Coachella Valley Association of Governments Transportation Committee June 6, 2022



STAFF REPORT

Subject: Riverside County Transportation Commission (RCTC) Update on Assembly Bill 2237

Contact: Emmanuel Martinez, Senior Programs Manager (emartinez@cvag.org)

Recommendation: Information

Background: CVAG works closely with the Riverside County Transportation Commission (RCTC) to make investments in roads, bridges, active transportation and other projects that help improve travel along the regional arterial network. The partnership was cemented through the passage of Measure A, which Riverside County voters first approved in 1988 to create a half-cent sales tax to fund transportation projects. Measure A was reauthorized by voters in 2002 to extend the sales tax until 2039.

RCTC External Affairs Director David Knudsen will attend the June meeting to provide a legislative update to the Transportation Committee. Among the bills that RCTC is tracking with great interest is Assembly Bill 2237, authorized by Assemblymember Laura Friedman (D-Glendale), who is Chair of the Assembly Transportation Committee. The legislation prompted robust discussion at RCTC's May meeting as AB 2237 would prohibit a regional transportation planning agency (RTPA) or county transportation commission from funding projects in a Regional Transportation Improvement Program (RTIP) that are not aligned with the state's climate goals or most recent Sustainable Community Strategy (SCS). Among other changes, the bill also requires the California Air Resources Board (CARB), in consultation with the Governor's Office of Planning and Research (OPR), to reallocate funds not consistent with the state's climate goals or most recent SCS. As RCTC staff noted in a May report to the Commission, *"It appears if a project is found to be inconsistent, a regional agency would be prohibited from funding that project, regardless of fund source—even local funds and fix-it first programs such as SB 1."*

AB 2237 cleared a major hurdle when it passed out of the Assembly. It is now headed for further debate by the state Senate. CVAG staff shares RCTC's staff concern that this legislation could limit how Measure A is invested, thereby hindering the region's ability to deliver projects. CVAG, under the authority provided with the passage of the 2022 legislative platform, has sent a letter of opposition. Some member jurisdictions, including the City of Palm Desert, have also taken a formal position to oppose the bill.

Fiscal Analysis: There is no cost to CVAG for this update. However, state legislation that affects the distribution Measure A would drastically impact cash flow and CVAG's ability to fund regional transportation projects.

ITEM 6B

**Coachella Valley Association of Governments
Transportation Committee
June 6, 2022**



Staff Report

Subject: Next Steps on the Portola Avenue Interchange at Interstate 10

Contact: Jonathan Hoy, Director of Transportation (jhoy@cvag.org)

Recommendation: Authorize the following steps in order to suspend the Portola Avenue Interchange at I-10 Project after completion of the Plans, Specifications and Estimate (PS&E) phase:

1. Approve Amendment No. 3 to the Reimbursement Agreement between CVAG, the City of Palm Desert, and the County of Riverside; and
2. Approve a Memorandum of Understanding between CVAG and the City of Palm Desert Regarding Reimbursement Agreement to return the remaining bond proceeds on deposit for the project.

Background: The Portola Avenue Interchange Project along Interstate 10 has been in the works for 15 years. The project was authorized for Project Approval and Environmental Documentation (PAED) funding by CVAG's Executive Committee in December 2007 as a part of CVAG's Interchange Preparation Fund. At the same time, a Future Agreement to complete the project through construction was authorized. Initially, the City of Palm Desert was the lead agency for this project. In September 2014, CVAG's Executive Committee approved Amendment Number One, adding Riverside County to the Agreement as the Lead Agency.

Over the years, at the request of the City, CVAG has taken a number of steps to keep the project moving forward. Most recently, in June 2020, the CVAG Executive Committee authorized Amendment No. 2, authorizing only reimbursement through design and right of way phases and implementing a time trigger that requires construction to commence by June 29, 2021. At the same time, CVAG's Transportation and Executive Committees began a serious conversation around cash flow, as Portola Avenue and similar future projects have secured little-to-no outside funding, so the next stages of these projects will have a significant impact on regional and local resources.

The City and County have worked to progress on the project, but have reached a stalemate on right-of-way in the negotiations with Union Pacific Railroad. With this item, CVAG is moving forward request from the City of Palm Desert to suspend the right-of-way and construction phases of the Portola Interchange project.

The city is also requesting that CVAG return the unused pond proceeds that the city deposited with CVAG for the purposes of paying the city's share of costs toward the interchange project. Under a contract that dates back to April 2014. At the time, the CVAG Executive Committee was seeking a benefits analysis study to be completed for this interchange project as has been done at the other CVAG funded interchange projects to equitably determine the proportionate share project costs to be paid by the local jurisdictions. However, the City of Palm Desert wanted to be assured of having sufficient funds available for the city share of costs when this project does start construction. A Bond Proceeds Funding Agreement was approved, allowing the city to deposit an estimated amount in an interest-bearing escrow account to be drawn down during future work on this project, when CVAG would begin to assess the 25% local share of project costs for the work.

The Memorandum of Understanding between CVAG and the city would return the remaining bond proceeds on deposit for the Portola Avenue/ I-10 Interchange Improvements project. In addition, approval of Amendment No. 3 and the MOU shall establish the following:

1. County shall complete the Plans, Specifications and Estimate (PS&E) for the Project, obtain Caltrans and Federal Highway Administration (FHWA) approval, then place Project in suspension until funding for right-of-way, utilities and construction is obtained; and
2. CVAG shall fund per the Agreement the regional share of the cost for the County to complete the PS&E and obtain Caltrans and FHWA approval, total cost of which is currently estimated to be \$325,000; and
3. County, CVAG and City will further amend the Agreement once funding for right-of-way, utilities, or construction is obtained to proceed to the next phase of work; and
4. The "Time Trigger" established in Amendment Number One requiring that construction of the Project begin within five years of Amendment Number One and extended by Amendment Number Two shall be removed.

Staff is supporting the City's request. These actions also received the City Council's support at the May 26, 2022 meeting.

Fiscal Analysis: CVAG shall continue to fund 75% of the eligible costs of the PS&E phase, estimated to be approximately \$325,000. With the City's requested suspension of the future phases (ROW and construction), no regional funding shall be allocated towards these phases of the project, unless or until funding is secured by the City and an amendment to the reimbursement agreement is approved by CVAG.

CVAG will return to Palm Desert the amount remaining in such trust account (approximately \$14,720,547.73), plus any accrued interest through the date of transfer.

**AMENDMENT NUMBER THREE
TO THE
REIMBURSEMENT AGREEMENT BETWEEN CVAG, CITY OF PALM DESERT AND THE
COUNTY OF RIVERSIDE
FOR THE
PORTOLA AVENUE INTERCHANGE AT 1-10 PROJECT**

This **AMENDMENT NUMBER THREE** is made and entered into this day of , 2022, by and between the **Coachella Valley Association of Governments**, a California joint powers agency, ("**CVAG**"), the **City of Palm Desert** ("**City**") and the **County of Riverside** ("**County**") and is made with reference to the following background facts and circumstances. All other terms and conditions shall remain the same as stated in the original Agreement entitled: "CVAG-City of Palm Desert Future (Fiscal Year 2012/2013) Reimbursement Agreement Portola Avenue/ Interstate 10 Interchange Design, Right-of-Way & Construction" ("**Agreement**") approved on February 28, 2008 for the Portola Avenue Interchange at 1-10 Project ("**Project**") and as previously amended with Amendment Number One dated June 29, 2015 and Amendment Number Two dated June 29, 2020.

This Amendment Number Three shall establish the following:

1. County shall complete the Plans, Specifications and Estimate (PS&E) for the Project, obtain Caltrans and Federal Highway Administration (FHWA) approval, then place Project in suspension until funding for right-of-way, utilities and construction is obtained; and
2. CVAG shall fund per the Agreement the regional share of the cost for the County to complete the PS&E and obtain Caltrans and FHWA approval, total cost of which is currently estimated to be \$325,000; and
3. County, CVAG and City will further amend the Agreement once funding for right-of-way, utilities, or construction is obtained to proceed to the next phase of work; and
4. The "Time Trigger" established in Amendment Number One requiring that construction of the Project begin within five years of Amendment Number One and extended by Amendment Number Two shall be removed.

ELECTRONIC SIGNATURES AND COUNTERPARTS. This Amendment Number Three may be executed in any number of counterparts, each of which will be an original, but all of which together will constitute one instrument. Each party to this Amendment Number Three agrees to the use of electronic signatures, such as digital signatures that meet the requirements of the California Uniform Electronic Transactions Act ("CUETA") Cal. Civ. Code §§ 1633.1 to 1633.17), for executing this Amendment Number Three. The parties further agree that the electronic signatures of the parties included in this Amendment Number Three are intended to authenticate this writing and to have the same force and effect as manual signatures. Electronic signature means an electronic sound, symbol, or process attached to or logically associated with an electronic record and executed or adopted by a person with the intent to sign the electronic record pursuant to the CUETA as amended from time to time. The CUETA authorizes use of an electronic signature for transactions and contracts among parties in California, including a government agency. Digital signature means an electronic identifier, created by computer, intended by the party using it to have the same force and effect as the use of a manual signature, and shall be reasonably relied upon by the parties. For purposes of this section, a digital signature is a type of "electronic signature" as defined in subdivision (i) of Section 1633.2 of the Civil Code.

[SIGNATURES ON NEXT PAGE]

IN WITNESS WHEREOF, the parties hereto have caused this **Amendment Number Three** to be executed by their duly authorized representatives on this date:

ATTEST

COUNTY OF RIVERSIDE

By: _____
Deputy, Clerk of the Board of Supervisors

By: _____
Jeff Hewitt
Chairman of the Board of Supervisors

ATTEST

CITY OF PALM DESERT

By: _____
L. Todd Hileman
City Manager

By: _____
Jan C. Harnik
Mayor

ATTEST

CVAG

By: _____
Tom Kirk
Executive Director

By: _____
Christy Gilbert Holstege, Esq.
CVAG Chair

**MEMORANDUM OF UNDERSTANDING REGARDING REIMBURSEMENT AGREEMENT
BETWEEN CVAG AND THE CITY OF PALM DESERT
FOR THE
PORTOLA AVENUE INTERCHANGE AT 1-10 PROJECT**

The Coachella Valley Association of Governments ("CVAG") and the City of Palm Desert ("Palm Desert") are entering into this Memorandum of Understanding (this "MOU") dated as of _____, 2022 with reference to the following facts:

RECITALS:

- A. In furtherance of that certain CVAG-City of Palm Desert, Future (Fiscal Year 2012/2013) Reimbursement Agreement, Portola Avenue/Interstate 10 Interchange Design, Right-of-Way & Construction (the "Reimbursement Agreement"), dated February 28, 2008, as amended, and supplemented by that certain Bond Proceeds Funding Agreement Regarding Portola Avenue/I-10 Interchange Project, dated April 24, 2015, Palm Desert paid to CVAG the amount of \$15,000,000 and CVAG deposited such amount into an interest bearing trust account, to be drawn upon by CVAG for purposes of paying costs of the Interchange Project.
- B. As of the date of this MOU, the amount remaining in such trust account is \$14,720,547.73. Work on the Interchange Project has been suspended and CVAG desires to return such amount remaining to Palm Desert.

NOW, THEREFORE, CVAG and Palm Desert agree as follows:

- 1. Within 30 days of the date of this MOU, CVAG shall pay to Palm Desert the amount remaining in such trust account (\$14,720,547.73), plus any accrued interest through the date of transfer. Thereafter, upon receipt of an invoice from CVAG for final design costs of the Interchange Project, Palm Desert shall pay such costs in accordance with the Reimbursement Agreement, as amended.
- 2. CVAG and Palm Desert shall continue their efforts to complete the Interchange Project pursuant to and in accordance with the Reimbursement Agreement, as amended.

[SIGNATURES ON NEXT PAGE]

IN WITNESS WHEREOF, the parties hereto have caused this **Memorandum of Understanding** to be executed by their duly authorized representatives on this date:

ATTEST

CITY OF PALM DESERT

By: _____
L. Todd Hileman
City Manager

By: _____
Jan C. Harnik
Mayor

ATTEST

CVAG

By: _____
Tom Kirk
Executive Director

By: _____
Christy Gilbert Holstege, Esq.
CVAG Chair

ITEM 6C

Coachella Valley Association of Governments Transportation Committee June 6, 2022



STAFF REPORT

Subject: CV Sync Update and Contract Amendment for Construction Management Services

Contact: Eric Cowle, Transportation Engineer (ecowle@cvag.org)

Recommendation: Authorize the Executive Director to execute Amendment No. 1 to the agreement with TKE Engineering, Inc. for a total not-to-exceed amount of \$7,458,648 for construction management services during Phase II of CV Sync through March 2025; and authorize the Executive Director and/or Legal Counsel to make clarifying changes/revisions before contract execution

Background: In 2015, CVAG threw down a challenge in the original design Request for Proposals for the regional signal synchronization project. The challenge was to create a project that would "...rival any similar project in the country, and be as unique as it is bold in scope." As construction of Phase I progresses, CV Sync, this project has already captured the attention and imagination of the transportation and Intelligent Transportation System (ITS) communities not only in California, but in the nation. But maintaining momentum is critical to the project's success. With this item, CVAG staff is providing an update on the work done in the first phase, and recommending steps to get Phase II under construction as well.

Phase I -- Construction Progress

Phase I of CV Sync makes improvements to Highway 111, Ramon Road and Washington Street, which were identified as the three highest ranked regional arterials in CVAG's 2018 ITS Master Plan. In February 2021, the CVAG Executive Committee approved a \$21 million contract with Crosstown Electrical Data, Inc. for Phase I construction. The original construction schedule showed the Phase I project complete by the end of 2022. A year later, the project team is on target to meet that deadline. CV Sync is inherently a technology project that will deploy a robust ITS network into the Coachella Valley. That said, the "construction" portion of the project is nearly complete. Crosstown has installed wireless communication linkages throughout the valley and repaired broken conduit and pull boxes in preparation for the placement of fiber optic cable. Over five miles of new conduit have been installed. To date, work has been completed at 139 different intersections across 10 participating jurisdictions (the project does not extend through the City of Rancho Mirage).

Part of the ITS rollout includes replacing the old loop detectors that have been traditionally sawcut into pavement with new technology. Most cities have elected to utilize a new system that combines video and radar detection to identify vehicles at an intersection. Crosstown has installed over 350 of the new detection units.

Placing the fiber optic cable that will provide high-speed, secure communication really marks the start of the technology phase of the project. Once in place the fiber optic cable will allow all of

the software systems to be installed and integrated into the network. This integration involves no fewer than six main software vendors and over one dozen new intelligent transportation sub-systems.

One of the transformative aspects of the CV Sync project is that all of the region's jurisdictions will share just one central Traffic Management Center (RTMC). All of the participating agencies will retain control of their local traffic by accessing the RTMC through a uniformly developed local Transportation Operation Center (TOC), deployed within their own facilities. Crosstown has nearly completed the RTMC and four of the 10 TOCs.

Progress on CV Sync has continued despite national supply chain problems. Many of the construction elements are in high demand and low supply. The need for fiber optic cable is a perfect example. CV Sync is utilizing a particularly high-end type of cable. Corning is the leading manufacturer of this cable in the United States. The magnitude of CV Sync, especially considering the Phase II work is about to be released for construction bid, ranks CVAG as a significant customer of this product. By working with Corning at the beginning of the project, Crosstown was able to secure a commitment from Corning to prioritize supply to the valley.

As noted in previous reports to the Transportation and Executive Committees, CV Sync clears the way for broadband investments. In fact, out of eighteen projects identified for the initial round of California broadband funding, CVAG is the only public agency other than Caltrans to be selected, and the Caltrans projects are far from being ready to move forward. As a potential component of the Phase II project, CVAG will be ready to accept grant dollars for construction by the end of this year. The CVAG Executive Committee provided for this design contingency in their September 2021 meeting.

Additionally, CVAG just won the Transportation Planning Excellence Award from the Inland Empire branch of California's American Planning Association, which recognized the planning work of Advantec Engineers.

Phase II -- Construction Readiness

Through actions approved in April 2018 and February 2021, the CVAG Executive Committee CV Sync's Phase II will include an additional 21 corridors:

Monterey Avenue	Gene Autry Trail	Country Club Drive
Cook Street	Date Palm Drive	Monroe Street
Palm Drive	Indio Boulevard	Avenue 48
Bob Hope Drive	Jefferson Street	Sunrise Way
Fred Waring Drive	Palm Canyon Drive	Indian Canyon Drive
Dinah Shore Drive	Vista Chino	Jackson Street
Portola Avenue	Avenue 44	Avenue 50

Lessons learned from Phase I of CV Sync will be implemented into the much larger Phase II construction. Identical hardware and software will be deployed across the identical jurisdictions and integrated into the Phase I Regional Transportation Management Center and local Transportation Operation Centers.

The anticipated \$62 million Phase II is estimated to take two years to complete. CVAG staff would argue that it is important to keep Phase II on track so as not to jeopardize CVAG's funding commitments and to maintain the supply chain priority. as well as the commitment to delivering ITS to the Coachella Valley. To that end, CVAG in May 2022 worked with Caltrans to

complete a Value Analysis (VA), which is typically applied to traditional roadway and bridge construction projects. It appears this is one of the first times the analysis has been applied to a technology project. The VA is a systematic process of review and analysis of the project during the concept and design phases, by an independent third-party not involved in the project. CVAG completed this analysis in May of 2022. With this complete, the California Transportation Commission in June 2022 will consider CVAG's request to have authorization to draw down the State Transportation Improvement Program (STIP) funded allocated for Phase II – an approval necessary to move forward with construction.

CVAG staff now anticipates seeking Phase II constructing bids this summer, and plans to return in the fall with a recommended contractor. However, assistance is needed to finalize the bid package and get the project to this next step. CVAG staff is recommending a contract amendment is authorized with TKE Engineering.

CVAG staff followed Caltrans procurement guidelines in the selection of TKE Engineering for the Phase 1 construction in 2020. During this process CVAG also disclosed that it may extend, based on performance, future phases of work to the selected firm as described in the following RFP language: *"As disclosed and based on satisfactory performance, CVAG may extend the contract of the CM Services for the other phases of construction. The scope of the amendments will generally be in accordance with the original scope of services identified in this section. Fair compensation to be negotiated accordingly at that time."* Phase I construction management cost was 15% of the construction budget. For Phase II, CVAG has negotiated with the firm and reduce the cost to 12% of the construction cost.

CV SYNC	Construction Cost	Construction Management Cost	Percent of Construction
Phase I	\$21 Million	\$3.1 Million	15%
Phase II	\$62 Million	\$7.5 Million	12%

The team consists of TKE Engineering as the lead, and four different sub-consultants necessary to cover the myriad of technological issues inherent to CV Sync. The team has been flexible in facilitating the specific needs of different cities, including as it relates to coordinated construction schedules and training jurisdictional staff. Despite unexpected field changes, TKE burn rate has been maintained at a level which is still within the project budget. The TKE team also has been mindful of managing the overall project budget, including facilitated two no-cost changes to the specifications that added value to the project while responding to requests from agency partners.

Beyond the technological nature of the project, the most challenging aspect of CV Sync is the necessity to coordinate supply chain delivery, and construction scheduling with 10 different jurisdictional inspection crews in the field. TKE has finely tuned the processes, specifications and relationships – both in the Coachella Valley and with state agencies – over the past year. With approval of this contract amendment, the TKE team help with finalize the bid documents for Phase II construction and then administer the second phase of CV Sync.

The scope for Phase II is identical to that of Phase I with the addition of a line item for warranty claim support. All of CVAG's hardware and software is warranted through at least one year, and the Team can assist new CVAG staff that may be added to operate CVAG's RTMC with any claims that may arise.

The terms of the contract amendment align with the work anticipated for the next segment of construction.

Fiscal Analysis: Amendment No. 1, which extends through March 2025, includes a not to exceed amount of \$7,459,648. This brings the total TKE contract to nearly \$11.08 million, including contingency.

The cost of the Phase II services will be paid for from regional transportation funding, including Measure A, over the two-year term of the project. By perspective, the Phase I construction management cost was 15% of the construction budget. For Phase II, CVAG has negotiated with the firm and reduce the cost to 12% of the construction cost.

The Phase II project is estimated to cost \$62 million. Of that, \$37.6 million has been secured in state and federal funding. That includes \$6.7 million in STIP funding that the CTC will vote on at the June 2022 meeting. CVAG also has \$30.8 million in Congestion Management and Air Quality (CMAQ) funding. Pending CTC approval, Phase II will be advertised for construction bid this summer. The construction contract will be awarded in the fall to the lowest responsive bidder.

In addition, CVAG staff is tracking the state and national infrastructure funding opportunities that are beginning to flow into the transportation, ITS and broadband sectors.

Attachments: Amendment No. 1 to TKE's contract

**AMENDMENT NUMBER ONE
TO THE
TKE ENGINEERING INC.
PROFESSIONAL SERVICES AGREEMENT
FOR
CONSTRUCTION MANAGEMENT
FOR THE
REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROJECT (TSSP), PHASE II**

This **AMENDMENT NUMBER ONE** is made and entered into this 27th day of June 2022, by and between the **Coachella Valley Association of Governments**, a California joint powers agency ("**CVAG**"), and **TKE ENGINEERING INC ("Consultant")**, and is made with reference to the following background facts and circumstances. All other terms and conditions shall remain the same as stated in the original Agreement dated December 1, 2020 for the Regional Traffic Signal Synchronization Project (TSSP), Phase II.

1. This Amendment Number One extends the term of the Agreement to **March 30, 2025**.
2. This Amendment Number One authorizes the scope of services in accordance with the attached Exhibit A-1 Price Formula from TKE Engineering Inc. to provide additional Phase II Bid Administration, Pre-Construction Assistance and Construction Management Services for the not-to-exceed amount of **\$7,459,600**.
3. The total amount payable under this Agreement shall not exceed **\$11,079,800**.

Original Agreement	December 1, 2020	\$ 3,148,000
Original Agreement – Contingency	December 1, 2020	\$ 472,200
Amendment Number One	June 27, 2022	<u>\$ 7,459,600</u>
Total Amount Not to Exceed		\$11,079,800

IN WITNESS WHEREOF, the parties hereto have caused this Amendment Number One to be executed by their duly authorized representatives on this date:

**COACHELLA VALLEY ASSOCIATION
OF GOVERNMENTS**

TKE ENGINEERING INC.

By: _____
Tom Kirk, CVAG Executive Director

By: _____
Terry Renner, Senior Vice President

Coachella Valley Association of Governements (CVAG)

REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROJECT (TSSP) - PHASE II BID ADMINISTRATION, PRE-CONSTRUCTION ASSISTANCE AND CONSTRUCTION MANAGEMENT SERVICES

FEDERAL AID PROJECT NO. CML-6164 (XXX)

Consulting Fee

Task	TKE ENGINEERING, INC.																TRIUNITY, INC.			
	Overall Project Manager (Terry Renner, PE, QSD)		Resident Engineer (Justin P Schlaefli, PE, TE, PTOE)		Assistant Resident Engineer (Robert Doss, P.E.)		Office Engineer (Marvin Lara, EIT)		Assistant Engineer		Lead Field Inspector (Stephen Biscotti)		Civil Inspector (Brad Enscoe)		Electrical Inspector (Michael Counce)		Project Controls (John Haynes)		Integration Manager (Isreal Lopez)	
	Rate Hours	251.09 \$	Rate Hours	235.4 \$	Rate Hours	170.01 \$	Rate Hours	136.01 \$	Rate Hours	86.31 \$	Rate Hours	169.26 \$	Rate Hours	169.26 \$	Rate Hours	169.26 \$	Rate Hours	317.22 \$	Rate Hours	194.71 \$
Bid Administration and Pre-Construction Assistance																				
1.1 Evaluation of Scheduling	200	\$ 50,218	240	\$ 56,496	200	\$ 34,002	40	\$ 5,440	8	\$ 690	8	\$ 1,354	6	\$ 1,016	6	\$ 1,016	768	\$ 243,625	160	\$ 31,154
1.2 Constructability Review / Risk Analysis	30	\$ 7,533	60	\$ 14,124	40	\$ 6,800	8	\$ 1,088	8	\$ 690	8	\$ 1,354	6	\$ 1,016	6	\$ 1,016	80	\$ 25,378	80	\$ 15,577
1.3 Construction Project Advertising, Bid Analysis, and Award	40	\$ 10,044	160	\$ 37,664	80	\$ 13,601	16	\$ 2,176	8	\$ 690		\$ -		\$ -		\$ -		\$ -	80	\$ 15,577
Construction Management																				
2.1 Construction Oversight and Inspection ^{3.)}	1,000	\$ 251,090	1,400	\$ 329,560	1,000	\$ 170,010		\$ -		\$ -	2360	\$ 399,454	1900	\$ 321,594	2100	\$ 355,446		\$ -	1,600	\$ 311,536
2.2 Contact Administration per FHWA and Caltrans Requirements	360	\$ 90,392	240	\$ 56,496	340	\$ 57,803	1,000	\$ 136,010	800	\$ 69,048		\$ -		\$ -		\$ -		\$ -		\$ -
2.3 Coordination of Agency Inspections and	120	\$ 30,131	440	\$ 103,576	120	\$ 20,401	40	\$ 5,440	40	\$ 3,452	1000	\$ 169,260	600	\$ 101,556	800	\$ 135,408		\$ -		\$ -
2.4 Office Engineering	170	\$ 42,685	240	\$ 56,496	600	\$ 102,006	2,300	\$ 312,823	1200	\$ 103,572		\$ -		\$ -		\$ -		\$ -		\$ -
2.5 Project Closeout ^{4.)}	200	\$ 50,218	400	\$ 94,160	80	\$ 13,601	40	\$ 5,440	40	\$ 3,452		\$ -		\$ -		\$ -		\$ -	160	\$ 31,154
Phase 1 Support																				
3.1 Warranty Claims Support	40	\$ 10,044	60	\$ 14,124		\$ -		\$ -		\$ -	160	\$ 27,082		\$ -		\$ -		\$ -		\$ -
Subtotal:	2,160	\$ 542,354	3,240	\$ 762,696	2,460	\$ 418,225	3,444	\$ 468,418	2,104	\$ 181,596	3,536	\$ 598,503	2,512	\$ 425,181	2,912	\$ 492,885	848	\$ 269,003	2,080	\$ 404,997

Notes:

- 1.) Overhead Direct Costs Assume Contractor will Provide Bucket Trucks for Inspection Requirements
- 2.) Assumes Construction Period of 24 months
- 3.) Inspection is Time and Materials as Needed. For Budget Purposes Assumes Similar Level of Effort for Phase I Requirements for Tracking Multiple Construction Crews
- 4.) Assumes No Training Will be Required

Coachella Valley Association of Governements (CVAG)

REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROJECT (TSSP) - PHASE II BID ADMINISTRATION, PRE-CONSTRUCTION
ASSISTANCE AND CONSTRUCTION MANAGEMENT SERVICES

FEDERAL AID PROJECT NO. CML-6164 (XXX)

Consulting Fee

		ANSER ADVISORY, LLC		ADVANCED MOBILITY GROUP (AMG)												ARAGON GEOTECHNICAL					
Administrative Engineer (P.E)		Field Inspector Civil (Rajan Kariya)		Integration Support/Fiber Optic and Wireless Communication (Joy Bhattacharya, P.E., Technical Inspection (Leonard Gilliani) Traffic Signal ITS (Chris Higbee) Software/ Cloud (Shahin Sotoudeh) ATMS (Shruti Shivastava) Clerical												Materials Testing (C. Fernando Aragon, P.E., G.E., AASHTO, CT)		Materials Testing (Field Technician)		Total	
				Rate Hours	141.26 \$	Rate Hours	169.26 \$	Rate Hours	316.7 \$	Rate Hours	179.24 \$	Rate Hours	150.62 \$	Rate Hours	179.24 \$	Rate Hours	150.62 \$	Rate Hours	96.02 \$		Rate Hours
80	\$ 11,301	6	\$ 1,016	80	\$ 25,336	8	\$ 1,434	8	\$ 1,205	8	\$ 1,434	8	\$ 1,205		\$ -		\$ -		\$ -	\$ 467,941	
40	\$ 5,650	6	\$ 1,016	40	\$ 12,668		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 93,909	
80	\$ 11,301		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 91,053	
580	\$ 81,931	2100	\$ 355,446	1,100	\$ 348,370	2,100	\$ 376,404	440	\$ 66,273	600	\$ 107,544	480	\$ 72,298	80	\$ 7,682	900	\$ 171,414	1,600	\$ 217,936	\$ 3,943,986	
280	\$ 39,553		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 449,303	
120	\$ 16,951	800	\$ 135,408	400	\$ 126,680	800	\$ 143,392	80	\$ 12,050	320	\$ 57,357	800	\$ 120,496	80	\$ 7,682		\$ -		\$ -	\$ 1,189,240	
480	\$ 67,805		\$ -	160	\$ 50,672		\$ -		\$ -		\$ -		\$ -	24	\$ 2,304		\$ -		\$ -	\$ 738,364	
240	\$ 33,902		\$ -	24	\$ 7,601	8	\$ 1,434	8	\$ 1,205	12	\$ 2,151	24	\$ 3,615	8	\$ 768		\$ -		\$ -	\$ 248,701	
	\$ -																				
	\$ -		\$ -		\$ -	80	\$ 14,339		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 65,588	
1,900	\$ 268,394	2,912	\$ 492,885	1,804	\$ 571,327	2,916	\$ 537,003	536	\$ 80,732	940	\$ 168,486	1,312	\$ 197,613	192	\$ 18,436	900	\$ 171,414	1,600	\$ 217,936	\$ 7,288,085	
Overhead Direct Costs: ^{1.)}																				\$ 171,563	

Notes:

- 1.) Overhead Direct Costs Assume Contractor will Provide Bucket Trucks for Inspection Requirements
- 2.) Assumes Construction Period of 24 months
- 3.) Inspection is Time and Materials as Needed. For Budget Purposes Assumes Similar Level of Effort for Phase I Requirements for Tracking Multiple Construction Crews
- 4.) Assumes No Training Will be Required

TKE Engineering, Inc.



STAFF REPORT

Subject: Status of I-10 Interchange Projects

Contact: Gustavo Gomez, Management Analyst (ggomez@cvag.org)

Recommendation: Information

Background: Attached is the latest status for Interstate 10 interchange projects as of May 2022:

Completed

- | | |
|---|--|
| 1) Indian Canyon @ I-10 (Mar '12) | 4) Monterey Avenue Ramp @ I-10 (Apr '15) |
| 2) Gene Autry/Palm Drive @ I-10 (Mar '12) | 5) Bob Hope/Ramon @ I-10 (Sep '11) |
| 3) Date Palm Drive @ I-10 (May '14) | 6) Jefferson Street @ I-10:
Post-construction closeout underway |

Portola @ I-10

Agreements related to this project are the focus of a separate staff report. Final PA&ED completed. ROW on hold until funding is identified. PS&E is nearing completion. Project will be shelved until ROW and construction funding are secured.

Monroe @ I-10

Final environmental document approved by Caltrans. PS&E phase began April 2021 and is ongoing. ROW acquisition funding has been approved by CVAG for City of Indio.

Jackson @ I-10

Environmental document was approved in September 2021. CVAG approved funding for PS&E. PS&E phase started in May 2022 and is ongoing.

Avenue 50 @ I-10

PS&E contract underway.

Avenue 50 @ SR 86

PA&ED completed in May 2019. Funding agreement amendment for PS&E and ROW acquisition approved by Executive Committee in September 2020. PA&ED underway.

Dillon Road @ I-10 @ SR 86

PA&ED underway. Caltrans Approved Preliminary Environmental Study (PES) on July 13, 2020.

Golf Center Parkway @ I-10

PSR on hold.

Da Vall Drive @ I-10

Intersection Control Evaluation submitted to Caltrans.

Fiscal Analysis: Funding for these projects has been budgeted through the project phase indicated and secured through various funding sources. There is no additional fiscal impact.

ITEM 7b

COACHELLA VALLEY ASSOCIATION OF GOVERNMENTS
Regional Arterial Program - Project Status Report
6/1/2022

Project Description	Lead Agency	PEng	ENV	PSE	ROW	CON	CVAG Funded Through	Status
Interchanges								
Avenue 50 @ 86S	COA						Environmental	PA & ED underway
Avenue 50 @ I-10	COA						PSE	PS&E contract under way.
Jackson @ I-10	COR						PSE	Final Env Doc approved by Caltrans. CVAG approved PS&E funds. City moving forward with PSE by MBI
Monroe @ I-10	COR						PSE	Final Env Doc approved by Caltrans. City moving forward with PSE by MBI. CVAG approved PS&E and ROW funds.
Jefferson @ I-10	COR						Construction	Completed. Working on post-construction close out
Arterial Links								
Ave. 48 (Jackson St. to Van Buren St.)	COA						Construction	Completed
Ave. 50 (Calhoun St. to Harrison St)	COA						Construction	PA/ED completed. PS&E under way.
Coachella Traffic Signal Conversion	COA						Construction	Completed
Date Palm Drive from I-10 to Varner	CC						PSE	Phase II is completed. The final design for Phase III in underway.
North Indian Canyon Widening	COR						Construction	Completed
Monterey Av. Corridor (fr. Gerald Ford to Dinah Shore)	RM						Construction	Completed
Madison Street Widening (Highway 111 to Ave 48)	Indio						ROW	PS&E complete, City moving forwards with ROW
Jackson Street Widening (Ave 49 to Ave 52)	Indio						PS&E	Environmental filed on October 2021. City moving forward with PS&E phase.
Avenue 50 (Jefferson St to Jackson St)	Indio						Environmental	City procuring consultant
Bridges								
Avenue 66 Grade Separation over UPRR	COR						Construction	Bridge grand opening celebrated March 12.
Avenue 44 Bridge over WWR	Indio						Construction	Enviro cleared. Plans are at 99%. Pending permits from CVWD and Caltrans to clear ROW.
Avenue 50 Bridge over WWR	COA						PSE	PS&E underway. Funding agreement amendment approved by CVAG in September 2020
Cathedral Canyon Bridge	CC						Construction	Construction ongoing
Date Palm Bridge (Across WWR)	CC						Construction	Completed
Dune Palms Bridge over WWR	LQ						Construction	City constructing project by advancing HBP funding. Construction planned in 2022
Frank Sinatra Bridge over WWR	RM						Construction	City approved no-build alternative.CVAG terminated the reimbursement agreement with the City of Rancho Mirage.
South Palm Canyon Bridge over Tahquitz Creek	PS						PSE	In final design. Plans submitted for review
East Palm Canyon Drive Bridge over Palm Canyon Wash	PS						PSE	In final design. Plans submitted for review
Indian Canyon (fr. Garnet to & Incl. RR Crossing)	PS						Construction	Advanced Construction Funding authorized by Caltrans
Ramon Bridge Widening	PS						Construction	Continuing ROW and utility phase
Vista Chino Bridge over WWR	PS						PE	Project is in PE phase. Extensive negotiations with SCE for utility relocation
Interchange Preparation Fund Projects								
Portola @ I-10	PD/COR						ROW	ROW on hold due to Union Pacific stalemate. Funding agreements focus of June 6 agenda item.
Golf Center Parkway @ I-10	Indio						PSR	PSR on hold
Da Vall Drive @ I-10	CC						PSR	PSR-PDS returned to Caltrans for their review
Dillon Road @ I-10, SR86, WWR	COA						PSR	PA&E underway.
Jackson @ I-10	Indio						PSE	Enviro complete. CVAG approved PS&E funding.
Monroe @ I-10	Indio						ROW	Enviro complete. CVAG approved PS&E and ROW funding.
Regional Projects								
CV Sync - Phase 1	CVAG						Construction	Phase I Construction underway on Hwy 111, Ramon & Washington
CV Sync - Phase 2	CVAG						Construction	Phase II design and environmental documents completed in February for 21 corridors

COR=County of Riverside; RM=Rancho Mirage; IW=Indian Wells; PD=Palm Desert; PS=Palm Springs; CC=Cathedral City; COA=Coachella LQ=La Quinta;

PE = Preliminary Engineering; Env=Environmental; PSE=Plans, Specifications and Estimate; ROW=Right of Way; CON=Construction

COACHELLA VALLEY ASSOCIATION OF GOVERNMENTS

Bicycle/Pedestrian Safety Program - Project Status Report

6/1/2022



ITEM 7c

Project Description	Lead Agency	Design	CVAG Funded		
			CON	Through	Status
Bike/Pedestrian Safety Projects					
Palm Drive Signals and Lighting	DHS			Construction	Project completed.
Palm Canyon Intersection Pedestrian Enhancements	PS			Construction	Construction underway.
S. Palm Canyon, E. Palm Canyon Improvements	PS			Construction	Project completed.
Indian Canyon Intersection Pedestrian Enhancements	PS			Construction	Project completed.
Date Palm Sidewalk Gaps	CC			Construction	Project completed.
Calhoun Street Improvements	Indio			Construction	Project completed.
Vista Chino Signals	PS			Construction	Project completed.
Dinah Shore Mid-Block Crossing	CC			Construction	Project completed.
Palm Canyon Crosswalks	PS			Construction	Project completed.
Avenue 48 Bicycle Lanes	Indio			Construction	Project completed.

COR-County of Riverside; RM-Rancho Mirage; IW-Indian Wells; PD-Palm Desert, PS-Palm Springs; CC-Cathedral City; COA-Coachella; LQ-La Quinta; DHS-Desert Hot Springs

Project Description	Lead Agency	Design	Grant App	CON	Status
CV Link	CVAG				Construction ongoing in multiple cities. Additional groundbreakings forthcoming.
ATP - Arts & Music Line	CVAG				Under design, with plans to submit for ATP Cycle 6 funding.
ATP - DHS CV Link Extension	DHS				Under design, with plans to submit for ATP Cycle 6 funding.
ATP - Cathedral City Downtown Connectors	CC				Working on final plans and bid documents.

ITEM 7d**FY 2021/2022 TRANSPORTATION COMMITTEE ATTENDANCE ROSTER**

CVAG JURISDICTION	JUL	AUG	SEPT (Aug 30)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Blythe	✓	-	✓	-	✓	-	-	✓	-	✓	-	
Cathedral City	✓	-	✓	-	✓	-	-		-	✓	-	
Coachella		-	✓	-	✓	-	-	✓	-	✓	-	
Desert Hot Springs	✓	-	✓	-		-	-	✓	-	✓	-	
Indian Wells	✓	-	✓	-	✓	-	-	✓	-	✓	-	
Indio	✓	-	✓	-	✓	-	-	✓	-	✓	-	
La Quinta	✓	-	✓	-	✓	-	-	✓	-	✓	-	
Palm Desert	✓	-	✓	-	✓	-	-		-	✓	-	
Palm Springs	✓	-		-	✓	-	-	✓	-	✓	-	
Rancho Mirage	✓	-	✓	-	✓	-	-	✓	-	✓	-	
Riverside County	✓	-	✓	-	✓	-	-	✓	-	✓	-	
Agua Caliente Band of Cahuilla Indians		-	✓	-	✓	-	-	✓	-	✓	-	

Absent
 No Meeting -
 Holiday H
 Vacancy **
 In Attendance ✓

COACHELLA VALLEY ASSOCIATION OF GOVERNMENTS SCHEDULE OF MEETINGS

FISCAL YEAR 2022/2023



CVAG STANDING COMMITTEES	DAY	TIME	JULY (Dark)	AUG (Dark)	SEPT	OCT (Dark)	NOV	DEC (Dark)	JAN	FEB	MAR (Dark)	APR	MAY	JUN
EXECUTIVE COMMITTEE	Last Monday	4:30 p.m.	-	-	26	-	H Dec 5	-	30	27	-	24	H June 5	26
TRANSPORTATION COMMITTEE	1 st Monday	10:00 a.m.		-	H Aug 29	-	7	-	H Jan 9 11:00 am	6	-	3	1	5
COACHELLA VALLEY CONSERVATION COMMISSION	2 nd Thursday	10:30 a.m.	-	-	8	-	10	-	12	9	-	13	11	8
DESERT COMMUNITY ENERGY	3 rd Monday	3:00 p.m.	18	22	19	17	21	-	H Jan 9	H Feb13	20	17	15	19
ENERGY AND ENVIRONMENTAL RESOURCES COMMITTEE	2 nd Thursday	12:00 p.m.	-	-	8	-	10	-	12	9	-	13	11	8
PUBLIC SAFETY COMMITTEE	2 nd Monday	9:00 a.m.	-	-	12	-	14	-	9	13	-	-	8	12
HOMELESSNESS COMMITTEE	3 rd Wednesday	10:00 a.m.	-	-	21	-	16	-	18	15	-	19	17	21
GENERAL ASSEMBLY	Last Monday in June	6:00 p.m.	-	-	-	-	-	-	-	-	-	-	-	26

H = Holiday * = Special Meeting

AGENDAS CAN BE FOUND AT: www.cvag.org.

UPDATED: June 1, 2022

PLEASE NOTE: When it becomes necessary to have a special meeting **or** to change the date of a meeting, committee members will be alerted and the change will be noted on the CVAG website calendar.

ITEM 7f

**Coachella Valley Association of Governments
Transportation Committee
June 6, 2022**



STAFF REPORT

Subject: CVAG Projects Highlighted at Institute of Transportation Engineers' US Western District Conference

Contact: Eric Cowle, Transportation Engineer (ecowle@cvag.org)

Recommendation: Information

Background: The Institute of Transportation Engineers (ITE) is an international organization representing "a community of transportation professionals." Its Western US District Annual Conference is scheduled for June 26-29, 2022 in the City of Palm Springs. The Conference will include a panel presenting CVAG's CV Sync regional signal synchronization project and the exhibit hall will include most of the technology vendors involved in the CV Sync project.

The event also features CVAG member jurisdictions. Darren Kettle, Chief Executive Officer of Metrolink/SCRRA, will serve as a keynote speaker. CVAG's Executive Director and Paul Tollett, President of Goldenvoice concert promoters, are among the lunch speakers.

Because CVAG is helping coordinate event logistics, including a tour of the CV Sync regional traffic management center that is under construction, CVAG's elected members are being offered a free pass to the exhibit hall. This can be coordinated with CVAG staff.

Additional information about the conference can be found online:

<https://www.westernite.org/annualmeeting/>

ITEM 7g

Coachella Valley Association of Governments Transportation Committee June 6, 2022



STAFF REPORT

Subject: Update on Western Coachella Valley Flooding and Blowsand Projects

Contact: Jonathan Hoy, Director of Transportation (jhoy@cvag.org)

Recommendation: Information

Background: At the April 2022 meeting of the Transportation Committee, staff was asked to return with an update on the follow up steps being taken for projects in the “Flood and Blowsand Risk Assessment and Improvement Plan for the Western Coachella Valley.” This staff report provides a recap of the study and outlines the next steps of the project, including plans to solicit bids this summer from planning and engineering consultants.

CVAG’s Executive Committee, at the recommendation of the Transportation Committee, identified the need for the flooding and blowsand study in spring 2019. That February, the Coachella Valley experienced record-setting rainfall that prompted widespread flooding and blowsand issues on regional roadways. Indian Canyon, Gene Autry Trail, and Ramon Road were flooded at crossings of the Whitewater River stormwater channel. Emergency services personnel along with people travelling to work, school, doctor’s appointments, and other locations were stuck at a standstill for hours. The traffic woes were particularly problematic to and from Palm Springs and Desert Hot Springs, although it impacted drivers across the entire Coachella Valley.

It was not an isolated event. Far too often, storms and major wind events force the closures of regional roadways, sometimes for extended periods of time. For decades, there have been plans to provide all-weather bridges at the low-water crossings on Ramon Road, Vista Chino Drive, Indian Canyon, and Gene Autry Trail. All of them are expensive projects that require years to design and hundreds of millions of dollars of state/federal funds to build.

After a competitive process was initiated to hire a consultant, CVAG hired Michael Baker International (MBI) to complete a study that identified options that will reduce risks to travelers while protecting critical plant and animal species at the specific locations. The goal was to identify, develop, and evaluate alternative concepts that provide a level of flood protection appropriate for the specific location. Where locations are heavily travelled, a 100-year storm frequency design was considered and a 10-year storm frequency designs was considered for less travelled roadways. The solutions also needed to be compatible with the Coachella Valley Multiple Species Habitat Conversation Plan (CVMSHCP), as well as comply with local, county, and state design guidelines and follow good sound engineering practices.

In addition to structural solutions, MBI was encouraged to develop non-capital, non-structural solutions that could address public safety and immediate concerns accessing local and regional medical centers and provide continuous and uninterrupted services by first responders and emergency personal, such as vehicles that can move emergency personnel and patients

through or over flood and dust zones. The study also identified short-term solutions to address flooding and blowsand events, most notably the installation of changeable message signs that alert travelers in advance of roadway closures.

At the December 7, 2020, meeting, the CVAG Executive Committee considered the findings from the "Flood and Blowsand Risk Assessment and Improvement Plan for the Western Coachella Valley." The Flood and Blowsand assessment prioritized projects that would best fit the needs of the Western Coachella Valley during a flooding or emergency event. High, medium, and low priority rankings were assigned to projects based on emergency and evacuation access, traffic volumes and stormwater flows. After coordinating with the Cities of Desert Hot Springs, Cathedral City and Palm Springs, CVAG Transportation and Executive Committees in April 2021 prioritized improvements on North Indian Canyon Road (from Sunrise Parkway to Palm Station Road), Varner Road (from Mountain View Road to Date Palm Drive) and Date Palm Drive (from I-10 to Varner Road), which were identified in the study as project numbers INCN7, VRNR2, and DPLM5.

CVAG staff has been focused on finalizing a scope of work for the engineering and design stages of these projects. On May 10, 2022, CVAG staff met with Cities of Desert Hot Springs, Cathedral City and Palm Springs on the three projects to obtain input on the approach. Based on the feedback, CVAG plans to release a Request For Proposals (RFP) this June for professional engineering services. The scope of work will include environmental studies and permits, design and engineering of bridge and/or culvert structures, geotechnical studies, right of way engineering, support in preparing the construction bid documents and support during construction. Bridge and culvert structures shall be designed to convey 100-year flood events at Whitewater River, Chino Canyon Creek, Willow Wash, and Long Canyon Wash crossings. The roadways will incorporate bike lanes and mitigation measures for blowsand.

Staff anticipates recommending an engineering services contract when CVAG's committees resume their meetings in the fall. If approved, the design work shall start early October 2022. Staff will be recommending a fast-track project management method, including having the three projects progressing concurrently.

Fiscal Analysis: There is no cost to this update.

The 2017 estimate of cost for projects INCN7, VRNR2 and DPLM5, as identified in the RACE was \$266 million. The new estimate of cost based on MBI's alternative concept design is \$39 million, an estimated \$227 million savings. The design and engineering phase of work required to advance these projects is estimated to be \$4-5 million, but the exact cost will be determined through the RFP process.

Attachment: Project location map as identified in the Flooding and Blowsand Study

