



Western Riverside Council of Governments Public Works Committee

AGENDA

**Thursday, February 9, 2023
2:00 PM**

**Western Riverside Council of Governments
3390 University Avenue, Suite 200
Riverside, CA 92501**

[Join Zoom Meeting](#)

Meeting ID: 899 2557 0826

Passcode: 583978

Dial in: (669) 900 9128 U.S.

SPECIAL NOTICE – COVID-19 RELATED PROCEDURES IN EFFECT

Due to the State or local recommendations for social distancing resulting from the threat of Novel Coronavirus (COVID-19), this meeting is being held via Zoom under Assembly Bill (AB) 361 (Government Code Section 54953). Pursuant to AB 361, WRCOG does not need to make a physical location available for members of the public to observe a public meeting and offer public comment. AB 361 allows WRCOG to hold Committee meetings via teleconferencing or other electronic means and allows for members of the public to observe and address the committee telephonically or electronically.

In addition to commenting at the Committee meeting, members of the public may also submit written comments before or during the meeting, prior to the close of public comment to jleonard@wrcog.us.

Any member of the public requiring a reasonable accommodation to participate in this meeting in light of this announcement shall contact Janis Leonard 72 hours prior to the meeting at (951) 405-6702 or jleonard@wrcog.us. Later requests will be accommodated to the extent feasible.

The Committee may take any action on any item listed on the agenda, regardless of the Requested Action.

- 1. CALL TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. ROLL CALL**

4. PUBLIC COMMENTS

At this time members of the public can address the Committee regarding any items within the subject matter jurisdiction of the Committee that are not separately listed on this agenda. Members of the public will have an opportunity to speak on agenda items at the time the item is called for discussion. No action may be taken on items not listed on the agenda unless authorized by law. Whenever possible, lengthy testimony should be presented to the Committee in writing and only pertinent points presented orally.

5. CONSENT CALENDAR

All items listed under the Consent Calendar are considered to be routine and may be enacted by one motion. Prior to the motion to consider any action by the Committee, any public comments on any of the Consent Items will be heard. There will be no separate action unless members of the Committee request specific items be removed from the Consent Calendar.

A. Summary Minutes from the December 8, 2022, Public Works Committee Meeting

Requested Action(s): 1. Approve the Summary Minutes from the December 8, 2022, Public Works Committee meeting.

B. Approval of Third Amendment to Professional Services Agreement with Yunex, LLC

Requested Action(s): 1. Recommend that the Executive Committee approve the Third Amendment with Yunex, LLC.

C. Confirmation of Public Works Committee Vice-Chair for the Remainder of Fiscal Year 2022/2023

Requested Action(s): 1. Confirm Octavio Duran as the Public Works Committee Vice-Chair for Fiscal Year 2022/2023.

6. REPORTS / DISCUSSION

Members of the public will have an opportunity to speak on agenda items at the time the item is called for discussion.

A. Latest Intelligent Transportation Systems Innovations

Requested Action(s): 1. Receive and file.

B. Resilience Grant Funding Update for Transportation Projects

Requested Action(s): 1. Receive and file.

C. Streetlight Program, Broadband, and Energy Resilience Activities Update

Requested Action(s): 1. Receive and file.

7. REPORT FROM THE DEPUTY EXECUTIVE DIRECTOR

Chris Gray

8. ITEMS FOR FUTURE AGENDAS

Members are invited to suggest additional items to be brought forward for discussion at future Committee meetings.

9. GENERAL ANNOUNCEMENTS

Members are invited to announce items / activities which may be of general interest to the Committee.

10. NEXT MEETING

The next Public Works Committee meeting is scheduled for Thursday, April 13, 2023, at 2:00 p.m., in WRCOG's office located at 3390 University Avenue, Suite 200, Riverside.

11. ADJOURNMENT

Public Works Committee

Minutes

1. CALL TO ORDER

The meeting of the WRCOG Public Works Committee was called to order by Chair Stuart McKibbin at 2:01 p.m. on December 8, 2022, on the Zoom platform.

2. PLEDGE OF ALLEGIANCE

Chair McKibbin led members and guests in the Pledge of Allegiance.

3. ROLL CALL

- City of Banning - Nathan Smith*
- City of Beaumont - Jeff Hart
- City of Calimesa - Travis Bradshaw
- City of Corona - Rosalva Ureno*
- City of Eastvale - Jimmy Chung
- City of Hemet - Noah Rau
- City of Jurupa Valley - Octavio Duran
- City of Menifee - Nick Fidler
- City of Moreno Valley - Melissa Walker
- City of Murrieta - Jeff Hitch
- City of Riverside - Chris Scully
- City of San Jacinto - Stuart McKibbin (Chair)
- City of Temecula - Patrick Thomas
- City of Wildomar - Jason Farag
- County of Riverside - Alvin Medina
- Riverside County Transportation Commission (RCTC) - Jillian Guizado

*Joined the meeting after Roll Call

4. PUBLIC COMMENTS

There were no public comments.

5. CONSENT CALENDAR – (Temecula / County of Riverside) 15 yes; 0 no; 0 abstention. Item 5.A was approved.

A. Summary Minutes from the October 13, 2022, Public Works Committee Meeting

Action:

1. Approved the Summary Minutes from the October 13, 2022, Public Works Committee meeting.

6. REPORTS / DISCUSSION

A. Update of the Transportation Uniform Mitigation Fee (TUMF) Network Cost Assumptions

Jonathan Hofert of Michael Baker, Intl. (MBI) reported that MBI is reviewing and revising the TUMF Network Unit Cost Assumptions for the purposes of the TUMF Nexus Study update. The unit cost values were updated for various eligible improvement types, providing the additional capacity needed to mitigate the cumulative regional traffic impacts of new development to facilities on the TUMF Network. Data sources were gathered from projects within Riverside County as well as from neighboring Los Angeles, Orange, San Bernardino, and San Diego Counties, from the last two years.

Kari Anvick of Epic Land Solutions reported that in determining updated Right-of-Way costs, post real estate transactions were reviewed and analyzed dating back 18 months, and refined at 12 months. Approximately 2,700 properties were reviewed, consisting of approved and vacant parcels with various uses. It was determined that there was a steep increase in both the number of sales available as well as the increase in cost per square foot.

Many unit costs have increased from between 15% to 275%, consistent with the current construction market conditions. The MBI team approach utilized local projects with bid openings from January 2021 to August 2022 with eligible capacity-increasing improvement bid items to define present value unit costs to inform the TUMF Nexus Study update being performed by consultant GHD.

Local projects are representative of the TUMF-eligible improvement types and are consistent with the current market conditions. In addition, WRCOG has requested to include Intelligent Transportation Systems unit prices as part of a formal process started by WRCOG.

Action:

1. Received and filed.

B. Residential Trip Generation Study

Mike Wallace with Fehr & Peers presented the findings of the Residential Trip Generation Study, which was conducted in response to the requirements of AB 602. The purpose of the Study was to determine if there is a relationship between single-family residential unit size and trips generated.

The Study looked at single-family homes across the entire WRCOG subregion. A subset of locations was identified to meet specified study criteria, resulting in 23 locations. StreetLight data was used for all locations and traffic counts were collected for a subset of eight locations to validate the StreetLight data.

A key finding was that trips generated generally do increase with home size up to about 2,500 square feet. Beyond 2,500 square feet, trips generated are approximately consistent.

Based on the findings, it is recommended that the Transformation Uniform Mitigation Fee be updated based on home size. The amount will be determined with the coming TUMF Nexus Fee Study.

Chris Gray, WRCOG Deputy Executive Director, indicated that multi-family projects were not included in the Study; however, staff are considering the needs / benefits to do so.

Action:

1. Received and filed.

C. Update of 2019 TUMF High-Cube Warehouse Trip Generation Study

Christopher Tzeng, WRCOG Program Manager, reported that WRCOG is conducting a study to obtain data from local high-cube warehouse facilities and incorporate data into the TUMF fee calculations for high-cube warehouses. The TUMF fee calculation for a high-cube warehouse reflects a significant discount for the standard industrial rate and any changes to this calculation process could have meaningful impacts to future TUMF collections.

This analysis was conducted in 2019 and resulted in a minor update to the TUMF Fee Calculation Handbook as it relates to high-cube warehouses. For consistency purposes, the same sites which were previously studied will be studied again and the same methodology will be applied. Any change in the methodology or underlying data to calculate the fee obligation for a high-cube warehouse could impact the overall level of TUMF collections.

The Study will be circulated for stakeholder and member agency review when it is in draft form. It is anticipated that the study will conclude in mid-2023.

Action:

1. Received and filed.

7. REPORT FROM THE DEPUTY EXECUTIVE DIRECTOR

Chris Gray, WRCOG Deputy Executive Director, reported that staff are working on a TUMF Nexus Study update, and continue to work on a regional approach to vehicle miles traveled mitigation.

Public meeting laws are changing after February 2023. Staff anticipates holding a hybrid meeting during the month of February, and will provide an update on how this will affect future meetings.

8. ITEMS FOR FUTURE AGENDAS

There were no requests for future agenda items.

9. GENERAL ANNOUNCEMENTS

There were no general announcements.

10. NEXT MEETING

The next Public Works Committee meeting is scheduled for Thursday, February 9, 2023, at 2:00 p.m., on the Zoom platform with the option for Committee members to attend in-person at the WRCOG office.

11. ADJOURNMENT

The meeting of the Public Works Committee adjourned at 2:50 p.m.



Western Riverside Council of Governments Public Works Committee

Staff Report

Subject: Approval of Third Amendment to Professional Services Agreement with Yunex, LLC
Contact: Daniel Soltero, Program Manager, dsoltero@wrcog.us, (951) 405-6738
Date: February 9, 2023

Requested Action(s):

1. Recommend that the Executive Committee approve the Third Amendment with Yunex, LLC.
-

Purpose:

The purpose of this item is to request the recommendation for the Executive Committee to approve the Third Amendment to the Professional Services Agreement with Yunex, LLC.

WRCOG 2022-2027 Strategic Plan Goal:

Goal #5 - Develop projects and programs that improve infrastructure and sustainable development in our subregion.

Background:

At the direction of the Executive Committee, WRCOG developed a Regional Streetlight Program that assisted 10 member agencies and a Community Services District to purchase streetlights which were previously owned and operated by Southern California Edison (SCE), within their jurisdictional boundaries. Once the streetlights were purchased by the member agency, the lamps were retrofitted to light-emitting diode (LED) technology to provide more economical operations (i.e., lower maintenance costs and reduced energy use). Local control of the streetlight system provides agencies with opportunities for future revenue generation such as digital-ready networks and telecommunications and information technology strategies. In order to identify and elaborate on these new opportunities, WRCOG developed a Smart Streetlights Implementation Plan and Broadband Assessment that could be applicable to all WRCOG member agencies.

In October 2017, WRCOG entered into a contract agreement with Siemens Industry, Inc., Intelligent Traffic Systems, for regional streetlight retrofit and ongoing operations & maintenance services in an amount not to exceed \$5,913,073 over a five-year contract period. In November 2019, WRCOG executed a First Amendment to the Professional Services Agreement to allow for Consumer Price Index (CPI) adjustments to pricing and to transfer the assignment of the Agreement to Siemens due to a corporate restructuring resulting in the unit "Intelligent Traffic Systems" being moved to Siemens Mobility. In October 2021, WRCOG transferred the agreement to Yunex, LLC (Yunex Traffic), due to the worldwide carve-out of the unit "Intelligent Traffic Systems" from Siemens Mobility. In November 2022, WRCOG approved a Second Amendment to the Amended & Restated Professional Services Agreement

and Second Amendment to Appendices 1 - 5, 7 - 9, and 11 to the Amended & Restated Professional Services Agreement between WRCOG, Yunex Traffic, and the Member Agency to extend the Agreement one year to December 1, 2023, for streetlight retrofit, operation and maintenance services.

Third Amendment to the Amended & Restated Professional Services Agreement with Yunex Traffic

The Regional Streetlight Program oversees an Amended & Restated Professional Services Agreement (Agreement) with Yunex Traffic, formerly Siemens, to provide participating members with streetlight LED retrofit as well as routine and extraordinary operations & maintenance (O&M) services. Routine O&M duties include general maintenance of the streetlight system such as responding to streetlight outages, replacing lamps, photocells, or fuses, warranty management of defective LEDs, customer service portal operations, and quarterly night checks of system operation. Extraordinary O&M duties include work that will be addressed on a case-by-case or as needed basis and are not covered by the base monthly fee, which typically includes 24/7 emergency response for public safety issues and pole knockdowns, pole knockdown replacement, wire replacement, lamp shield installations, and additional retrofits after the initial retrofit project. Yunex Traffic currently provides these services to nine participating agencies, including the Cities of Eastvale, Hemet, Lake Elsinore, Menifee, Murrieta, Perris, San Jacinto, and Wildomar, as well as the Jurupa Community Services District.

In November 2022, WRCOG executed a Second Amendment to the Agreement and a Second Amendment to the Appendices to extend the term of the Agreement to December 1, 2023, which required the approval from each participating member agency's City Council. During this Amendment process, City staff asked WRCOG staff to assist with gathering all previous costs and estimating the extension costs for services provided by Yunex for their specific member agency. As staff did the accounting they discovered that the total invoiced amount for LED retrofit and routine and extraordinary O&M services for all participating member agencies has exceeded the not-to-exceed amount of \$5,913,073.00 in the Agreement. As such, staff are requesting the Third Amendment to the Agreement to exclude extraordinary O&M costs from the not-to-exceed amount in the Agreement (see Attachment).

The LED retrofit and routine O&M costs are managed by WRCOG and are funded by the member agencies through the Program's financing structure or its pass-through account, whereas the extraordinary O&M costs are forwarded to the respective member agency for direct payment. The LED retrofit costs were billed on a per lamp basis during the initial retrofit phase of the Program, and routine O&M costs are compensated on a per light, per month basis. The billing method for LED retrofit and routine O&M costs allowed staff to accurately calculate the total costs for the term of the Agreement for each member agency, and as such they are included in the payment schedules that are attached to each member agency's Implementation Agreement and/or Paying Agent Agreement. For member agencies that self-funded this project, WRCOG collects funds from each member agency according to their payment schedule and holds the funds in an account until the monthly routine O&M payments are made to Yunex. For member agencies that financed this project, a Trustee collects funds from the member agency according to the payment schedule and WRCOG staff work with the Trustee to process the monthly routine O&M payments.

Conversely, extraordinary O&M costs are difficult to calculate because it consists of as-needed work addressed on a case-by-case basis or emergency responses, which are billed at the hourly rates or specified line items in Exhibit C of the Agreement. As such, extraordinary O&M costs were historically excluded from the payment schedules that are attached to Implementation Agreements and/or Paying

Agent Agreements with each member agency. Additionally, staff identified that the calculation used to establish the Agreement's not-to-exceed amount included LED retrofit and routine O&M costs, but did not budget for extraordinary O&M costs. Although the current Agreement does not specifically exclude extraordinary O&M costs from the not-to-exceed amount, it appears that the method to establish the not-to-exceed amount did infer that extraordinary O&M costs would be excluded from the not-to-exceed amount. In order to make this distinction clear and transparent in the Agreement, staff is requesting the Third Amendment to the Agreement to exclude extraordinary O&M costs from the not-to-exceed amount in the Agreement.

As of January 25, 2023 the compensation to Yunex, LLC, totals \$6,244,829.04, which includes \$2,746,509.51 in LED retrofit costs, \$1,250,181.01 in routine O&M costs, and \$2,248,138.52 in extraordinary O&M costs. The table in the attachments provides a breakdown of costs per participating member agency.

Staff are coordinating with each member agency in the Program to gather written approval via signed Declaration of Consent prior to WRCOG's approval of the Third Amendment. A template of the Declaration of Consent is included in the attachments, and the table below shows the status of approval from each participating Member Agency:

Agency	Consent to WRCOG's Third Amendment
City of Eastvale	Yes
City of Hemet	In process
City of Lake Elsinore	In process
City of Menifee	In process
City of Murrieta	In process
City of Perris	In process
City of San Jacinto	Yes
City of Wildomar	Yes
Jurupa Community Services District	In process

Prior Action(s):

November 7, 2022: The Executive Committee approved Amendment No. 2 to the Amended & Restated Professional Services Agreement and Amendment No. 2 to Appendices 1 - 5, 7 - 9, and 11 to the Amended & Restated Professional Services Agreement between WRCOG, Yunex, LLC, and the Member Agency to extend the Agreement one year to December 1, 2023, for streetlight retrofit, operation and maintenance services.

October 12, 2022: The Administration & Finance Committee recommended that the Executive Committee approve Amendment No. 2 to the Amended & Restated Professional Services Agreement and Amendment No. 2 to the Appendices 1 - 5, 7 - 9, and 11 to the Amended & Restated Professional Services Agreement between WRCOG, Yunex LLC, and the Member Agency to extend the Agreement one year to December 1, 2023, for streetlight retrofit, operation and maintenance services.

September 15, 2022: The Technical Advisory Committee received and filed.

October 2, 2017: The Executive Committee directed the Executive Director, subject to legal counsel review and approval, to enter into a contract agreement with Siemens Industry, Inc., Intelligent Traffic Systems, for regional streetlight retrofit and ongoing operations & maintenance services in an amount not to exceed \$5,913,073 over a five-year contract period.

Fiscal Impact:

Costs to WRCOG associated with this amendment include staff time and legal costs, which are budgeted for under the approved Streetlight Program budget (110-67-2026). The participating agencies receiving this service are responsible for streetlight retrofit, operation & maintenance costs arising from the contract.

Attachment(s):

[Attachment 1 - Third Amendment to Professional Service Agreement - WRCOG & Yunex LLC](#)

[Attachment 2 - Template Declaration of Consent to the Third Amendment to the Professional Services Agreement - WRCOG & Yunex LLC](#)

[Attachment 3 - Contract Compensation Table - Yunex LLC](#)

Attachment

Third Amendment to the
Professional Services Agreement
- WRCOG & Yunex LLC

**THIRD AMENDMENT TO
THE AMENDED AND RESTATED
WESTERN RIVERSIDE COUNCIL OF GOVERNMENTS
PROFESSIONAL SERVICES AGREEMENT**

This Third Amendment to the Amended and Restated Western Riverside Council of Governments Professional Service Agreement (“Third Amendment”) is made as of __ day of _____, 2023 by and between the Western Riverside Council of Governments, a California public agency (“WRCOG”) and Yunex LLC (“Consultant”). The WRCOG and Consultant are sometimes individually referred to as “Party” and collectively as “Parties.”

RECITALS

WHEREAS, the WRCOG and Siemens Industry Inc., Intelligent Traffic Systems, a Delaware corporation (“Siemens Industry”) entered into a Professional Services Agreement (“Original Agreement”) on December 18, 2017.

WHEREAS, the WRCOG and Siemens Industry amended and restated the Original Agreement on March 27, 2018, to include additional language (“Agreement”).

WHEREAS, on November 22, 2019, the WRCOG and Siemens Mobility, Inc., a Delaware corporation (“SMI”) and Siemens Industry amended the Agreement in order to include the transfer and assignment of the Agreement to SMI and to increase the U.S. Department of Labor Consumer Price Index.

WHEREAS, on October 27, 2021, the WRCOG consented to the transfer of the Agreement from SMI to Yunex LLC.

WHEREAS, on November 7, 2022, the WRCOG and Yunex LLC amended the Agreement to extend the term of the Agreement (the “Second Amendment”).

WHEREAS, the WRCOG and Consultant now wish to further amend the Agreement to include additional language to the compensation provision of the Agreement.

TERMS

NOW, THEREFORE the parties enter into this Third Amendment to the Agreement:

1. Compensation. Section 3.3.1 is amended to read as follows:

3.3.6. Compensation. Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit “C” to each Appendix attached hereto and incorporated herein by reference. To date, the WRCOG has spent _____ dollars (\$_____) for Services, which does not include costs for extraordinary street light maintenance services, described in Exhibit “A.” The total compensation for Services,

with the exception of extraordinary street light maintenance services described in Exhibit “A,” shall not exceed Five Million Nine Hundred Thirteen Thousand Seventy-Three Dollars (\$5,913,073) over a five year contract period without written approval of WRCOG’s Executive Director and the applicable member Agency. Extra Work may be authorized as described below; and if authorized, said Extra Work will be compensated at the rates and manner set forth in this Agreement.

3. Modification: No alteration or variation of the terms of this Third Amendment to the Agreement shall be valid unless made in writing and signed by the parties hereto.

4. Continuation of Existing Provisions. Except as amended by this Third Amendment, all provisions of the Agreement including without limitation the indemnity and insurance provisions, shall remain in full force and effect and shall govern the actions of the parties under this Third Amendment.

Dated this _____ of _____, 2023.

WRCOG

Consultant

By: _____
Kurt Wilson, Executive Director

By: _____
Name: _____
Its: _____

APPROVED AS TO FORM:

APPROVED AS TO FORM:

By: _____
Steven C. DeBaun
General Counsel

By: _____
Name: _____
Its: _____

Attachment

Template Declaration of Consent
to the Third Amendment to the
Professional Services Agreement
- WRCOG & Yunex LLC

[WRCOG LETTERHEAD]

January 9, 2023

[MEMBER AGENCY]

Attn: _____

Address

City, State Zip Code

Subject: Third Amendment to the Amended and Restated Western Riverside Council of Governments Professional Service Agreement with Yunex LLC

Dear Mr. / Ms. _____:

The Western Riverside Council of Governments (the “WRCOG”) and Siemens Industry Inc., Intelligent Traffic Systems, a Delaware corporation (“Siemens Industry”) entered into a Professional Services Agreement (“Original Agreement”) on December 18, 2017. The WRCOG and Siemens Industry amended and restated the Original Agreement on March 27, 2018, to include additional language to the Original Agreement (the “Agreement.”). On November 22, 2019, the WRCOG and Siemens Mobility, Inc., a Delaware corporation (“SMI”) and Siemens Industry amended the Agreement in order to include the transfer and assignment of the Agreement to SMI and to increase the U.S. Department of Labor Consumer Price Index (the “First Amendment”). On October 27, 2021, the WRCOG consented to the transfer of the Agreement from SMI to Yunex LLC via signed letter. On November 7, 2022, the WRCOG and Yunex LLC amended the Agreement to extend the term of the Agreement (the “Second Amendment”). WRCOG and Yunex LLC now wish to further amend the Agreement to include additional language to the compensation provision of the Agreement.

If amended, Section 3.3.1 of the Agreement will be amended to exclude extraordinary street light maintenance services, which are described in Exhibit “A” of the Agreement, from the total not-to-exceed compensation amount for services rendered by Yunex LLC.

WRCOG requests that the [MEMBER AGENCY] consent to the Third Amendment to the Agreement, as described above. Please sign and send back the enclosed declaration of consent.

Should you have any questions, please do not hesitate to contact me at (951) 405-6738 or dsoltero@wrcog.us. Thank you in advance for your support and for your cooperation.

Sincerely,

Daniel Soltero
Program Manager

Attachment: Declaration of Consent

ATTACHMENT 1

DECLARATION OF CONSENT

_____, 2023

Western Riverside Council of Governments
Attn: Kurt Wilson
3390 University Avenue
Suite 200
Riverside, CA 92501

**Subject: Third Amendment to the Amended and Restated Western Riverside Council
 of Governments Professional Service Agreement with Yunex LLC**

Dear Kurt Wilson:

We hereby confirm that we have read and understood the information in the letter from Western Riverside Council of Governments (the “WRCOG”) dated January 9, 2023 (the “WRCOG Letter”). We consent to the Third Amendment of the Amended and Restated Western Riverside Council of Governments Professional Service Agreement with Yunex LLC, as described in the WRCOG Letter.

[MEMBER AGENCY]

Date: _____

Signature: _____

Printed Name: _____

Title: _____

Attachment

Contract Compensation Table -
Yunex LLC

Contract No.	2018-67-2026-002
Contractor:	YUNEX LLC (formerly SIEMENS)
NTE Amount	\$ 5,913,073.00

As of 1/25/23

Agency	Total Costs per Agency	LED Retrofit Cost	Routine O&M Cost	Extraordinary O&M Costs
Eastvale	\$ 514,433.91	\$ 274,767.00	\$ 140,652.15	\$ 99,014.76
Hemet	\$ 542,872.15	\$ 278,628.49	\$ 101,341.74	\$ 162,901.92
JCSD	\$ 376,116.44	\$ 126,342.00	\$ 74,171.21	\$ 175,603.23
Lake Elsinore	\$ 1,166,832.87	\$ 250,531.00	\$ 128,779.19	\$ 787,522.68
Menifee	\$ 739,342.87	\$ 435,695.00	\$ 157,600.90	\$ 146,046.97
Moreno Valley	\$ -	\$ -	\$ -	\$ -
Murrieta	\$ 894,627.19	\$ 437,536.68	\$ 275,787.28	\$ 181,303.23
Perris	\$ 798,498.66	\$ 296,646.00	\$ 156,477.58	\$ 345,375.08
San Jacinto	\$ 337,901.29	\$ 109,405.34	\$ 75,139.70	\$ 153,356.25
Temecula	\$ 698,515.50	\$ 442,957.00	\$ 92,922.71	\$ 162,635.79
Wildomar	\$ 175,688.16	\$ 94,001.00	\$ 47,308.55	\$ 34,378.61
Total	\$ 6,244,829.04	\$ 2,746,509.51	\$ 1,250,181.01	\$ 2,248,138.52

Extraordinary O&M Costs	\$ 2,248,138.52
Retrofit + Routine O&M Only Costs	\$ 3,996,690.52
Total Costs (Retrofit + Routine O&M + Extra. O&M)	\$ 6,244,829.04

Notes:

1. City of Moreno Valley did not utilize this contract.
2. Extraordinary O&M costs are paid directly by the Members.
3. Retrofit costs are paid by the escrow account from the financing secured for Members via Bank of America Leasing & Capital LLC, or are directly by the Member if the project was self-funded or subsidized by the Member.
4. Routine O&M costs are paid via a Paying Agent, Wilmington Trust, except for the City of Hemet which is paid via pass-through account at WRCOG with City funds, and JCSD which pays routine O&M directly.
5. The City of Temecula exited the Program as of 6/30/22



Western Riverside Council of Governments Public Works Committee

Staff Report

Subject: Confirmation of Public Works Committee Vice-Chair for the Remainder of Fiscal Year 2022/2023

Contact: Chris Gray, Deputy Executive Director, cgray@wrcog.us, (951) 405-6740

Date: February 9, 2023

Requested Action(s):

1. Confirm Octavio Duran as the Public Works Committee Vice-Chair for Fiscal Year 2022/2023.

Purpose:

The purpose of this item is to rename the Vice-Chair representative for the City of Jurupa Valley for the remainder of Fiscal Year 2022/2023.

WRCOG 2022-2027 Strategic Plan Goal:

Goal #4 - Communicate proactively about the role and activities of the Council of Governments.

Background:

The current leadership of the Public Works Committee is as follows:

Chair: Stuart McKibbin, City of San Jacinto
Vice-Chair: Paul Tour, City of Jurupa Valley

In January 2023, WRCOG was notified that the City of Jurupa Valley had designated Octavio Duran as their primary representative for the Public Works Committee. Paul Toor, who had been the primary representative, is now the alternate.

Since the primary representative is also the voting member, WRCOG has previously asked that the Chair or Vice-Chair position be held by the primary representative. If approved, this action would simply affirm Jurupa Valley's current representative (Octavio Duran) as the Vice-Chair for the remainder of the 2022/2023 Fiscal Year.

Prior Action(s):

August 11, 2022: The Public Works Committee selected Stuart McKibbin (City of San Jacinto) as Chair and Paul Toor (City of Jurupa Valley) as Vice-Chair for Fiscal Year 2022/2023.

Fiscal Impact:

This item is for informational purposes only; therefore, there is no fiscal impact.

Attachment(s):

None.



Western Riverside Council of Governments Public Works Committee

Staff Report

Subject: Latest Intelligent Transportation Systems Innovations
Contact: Jonathan Hofert, PE, TE, Transportation Program Manager, Michael Baker International, jonathan.hofert@mbakerintl.com, (951) 233-6442
Date: February 9, 2023

Requested Action(s):

1. Receive and file.
-

Purpose:

The purpose of this item is to provide an update on the latest innovations in Intelligent Transportation Systems.

WRCOG 2022-2027 Strategic Plan Goal:

Goal #5 - Develop projects and programs that improve infrastructure and sustainable development in our subregion.

Background:

Intelligent Transportation Systems (ITS) was added to the eligible project list under the TUMF Program in recent years. This item is reserved for a presentation by Michael Baker International, on the latest innovations in ITS.

Prior Action(s):

None.

Fiscal Impact:

This item is for informational purposes only; therefore, there is no fiscal impact.

Attachment(s):

None.



Western Riverside Council of Governments Public Works Committee

Staff Report

Subject: Resilience Grant Funding Update for Transportation Projects
Contact: Timothy Grose, WSP, Timothy.Grose@wsp.com, (951) 295-8703
Date: February 9, 2023

Requested Action(s):

1. Receive and file.
-

Purpose:

The purpose of this item is to provide an update on resilience grant funding for transportation projects.

WRCOG 2022-2027 Strategic Plan Goal:

Goal #2 - Identify and help secure grants and other potential funding opportunities for projects and programs that benefit member agencies.

Background:

WRCOG has tried to provide assistance with resilience planning through the Resilient Inland Empire (IE) Program. Resilient IE works to support regional and local efforts to prepare for and mitigate risks to the region's transportation system posed by climate-related hazards. Most recently, WRCOG conducted risk assessments for transportation projects to help local jurisdictions identify cost-effective strategies to address these hazards. Conducting a risk assessment also helps demonstrate a project's benefits so that it can better compete for State and Federal resilience-focused funding. Now, more State and Federal funding is available for resilience projects.

This item is reserved for an update on upcoming resilience grant funding for transportation projects.

Prior Action(s):

None.

Fiscal Impact:

This item is for informational purposes only; therefore, there is no fiscal impact.

Attachment(s):

None.



Western Riverside Council of Governments Public Works Committee

Staff Report

Subject: Streetlight Program, Broadband, and Energy Resilience Activities Update
Contact: Daniel Soltero, Program Manager, dsoltero@wrcog.us, (951) 405-6738
Date: February 9, 2023

Requested Action(s):

1. Receive and file.

Purpose:

The purpose of this item is to provide activity updates from the Regional Streetlight Program and funding updates for broadband and energy resilience planning activities.

WRCOG 2022-2027 Strategic Plan Goal:

Goal #5 - Develop projects and programs that improve infrastructure and sustainable development in our subregion.

Background:

The Energy Department administers and houses multiple regional programs and initiatives, including the Regional Streetlight Program, the Smart Streetlight Implementation Plan & Broadband Assessment, and the Western Riverside County Energy Resilience Plan.

At the direction of the Executive Committee, WRCOG developed a Regional Streetlight Program that assisted eleven local agencies with purchasing and retrofitting their streetlights to LED lighting fixtures in order to provide more economic operations (i.e., lower maintenance costs and reduced energy use). Local control of the streetlight system provides agencies with opportunities for future revenue generation such as digital-ready networks and telecommunications and information technology strategies. In order to identify and elaborate on these new opportunities related to smart cities and broadband, WRCOG developed a Smart Streetlights Implementation Plan and Broadband Assessment. On August 1, 2022, the Executive Committee directed staff to implement Phase 1 of the Smart Streetlight Implementation Plan and to provide information to members on broadband and related funding opportunities.

In April 2020, WRCOG was awarded a \$200,000 grant by the Bay Area Council's California Resilience Challenge to develop an Energy Resilience Plan to build resiliency against power shutoffs and/or power issues at subregional critical facilities by developing a blueprint for energy resiliency technologies, projects, and strategies for member agencies. In December 2022, the Executive Committee approved the Western Riverside County Energy Resilience Plan and directed staff to pursue funding opportunities to advance the identified projects further along in the design process and conduct energy resilience planning activities.

ICARP Adaptation Planning Grant

As California experiences accelerated impacts of climate change, many communities are faced with planning for and responding to cascading and compound impacts (e.g., flooding and landslides following wildfires, or riverine flooding due to sea level rise). The Governor's Office of Planning and Research (OPR), through the Integrated Climate Adaptation and Resiliency Program (ICARP) received \$25 million to fund the Adaptation Planning Grant Program (APGP). On January 6, 2023, ICARP released the Notice of Funding Availability for the APGP which provides funding to help fill planning needs, provides communities the resources to identify climate resilience priorities, and supports the development of climate resilient projects across the State. Eligible applicants for the APGP include local public entities, community-based organizations, and California Native American Tribes. Award amounts will range between \$150,000 to \$650,000 for projects spanning up to 30 months; applications are due March 31, 2023.

The key priorities of ICARP's APGP are the following:

- Explicitly and meaningfully prioritize equitable outcomes, particularly in the most vulnerable communities, by establishing an inclusive funding program that removes barriers for Applicants and ensures that awardees represent a wide geographic, economic, and population diversity,
- Encourage communities to equitably plan for and respond to multiple climate risks by centering the needs of vulnerable communities and supporting an all-risk approach to adaptation planning. These grants encourage communities to conduct integrated planning activities,
- Support integrated social and physical infrastructure planning to achieve community resilience. The program provides flexible funding to meet multisector/issue planning needs that intersect with climate risks, including but not limited to public health, land use, transportation, economic, housing, natural resource management, public infrastructure, and hazard mitigation issues,
- Build statewide capacity to plan for and implement equitable planning strategies by supporting peer-to-peer learning, communities of practice, information sharing, and publishing replicable case studies in the State Adaptation Clearinghouse.
- Embed equity into the planning process, from project visioning through project evaluation, by increasing opportunities for shared decision-making, utilizing inclusive processes, and actively remedying historic underinvestment by fairly distributing access to the benefits and privileges associated with community investment.

WRCOG has developed a Western Riverside County Energy Resilience Plan (Plan) in response to increasing power interruptions resulting from strains and stressors such as wildfires, extreme heat events, and PSPS. This Plan is intended to guide decision-making related to the identification of and investment into critical facilities and other community assets in two stages: 1) Identification and Prioritization of Critical Facilities; and 2) Evaluation of Design and Implementation Options for Energy Resilience Solutions. Staff have identified the APGP as an opportunity for WRCOG to conduct additional microgrid and energy resilience feasibility studies at sites across the subregion that are identified in the Plan's prioritization matrix.

The Plan's prioritization matrix is a tool that is used to rank critical facilities based on the location, local demographics and socioeconomic status, climate vulnerabilities, physical and environmental hazards, and the facility's characteristics (see attachments). This tool helps decision makers prioritize where and how to allocate resources to mitigate climate impacts, and will also be used to identify and select

candidate sites for the microgrid feasibility studies. The proposed feasibility studies would include data collection to analyze the candidate site's energy use and demand profile and its site-specific information, sizing of the applicable energy resilience solutions, and a financial analysis to complete the findings and determine if a microgrid and/or a combination of energy resolutions are viable.

A microgrid is defined as a group of interconnected, energy-consuming devices and equipment (i.e., homes, businesses, or industrial facilities) and distributed energy resources (i.e., solar PV system, BESS, wind turbine, etc.) within clearly defined electrical boundaries that act as a single controllable entity with respect to the utility grid. Microgrids generally operate while connected to the utility grid, but can disconnect from the grid and operate autonomously to meet anticipated or potential utility outages, essentially creating an "island" with a continuous power supply.

Staff will be preparing an application to the APGP to conduct up to ten microgrid feasibility studies at sites that are ranked highly in the prioritization matrix. As such, staff has met with representatives from the Cities of Corona, Jurupa Valley, Menifee, Murrieta, Riverside, and Wildomar, and has received positive feedback and interest in participating with WRCOG on future energy resilience and microgrid design, feasibility studies and concept design on their critical facilities. Staff from the City of Corona are highly interested in partnering to conduct a microgrid feasibility study on a multi-parcel site that contains a wastewater treatment plant, pump station, and booster stations. The City of Riverside has expressed interest in conducting energy resilience studies for a sewer lift station and a few of its major signalized intersections that don't have backup power. Similarly, the City of Wildomar is interested in energy resilience studies for water facilities located in the city, but owned by a water district, signalized intersections without backup power, and community-based organizations such as the Inland Valley Regional Medical Center. Staff from the City of Murrieta are interested in including a fire station as a candidate site for the feasibility studies.

Additionally, staff is also conducting outreach to Member Agencies that did not initially participate in the development of the Energy Resilience Plan to gather a list of candidate sites within their jurisdictions. Staff is interested in including all Member Agencies and their critical facilities in the prioritization matrix as this will lead to a more inclusive and equitable outcome when selecting candidate sites for a microgrid and energy resilience feasibility study.

Broadband Activity & Funding Updates

As directed by the Executive Committee, pursuant to the Broadband Assessment, staff have been tracking broadband funding opportunities and sharing that information with member agencies. Staff presented to the Public Works Committee in October 2022 a variety of funding opportunities available, and are now providing status updates on those grant programs.

The California Public Utilities Commission (CPUC) are responsible for implementing the broadband funding programs established by Senate Bill 156, which aim to expand the State's broadband fiber infrastructure and increase internet connectivity for families and businesses. The goal of this investment is to provide equitable access to high-speed broadband to unserved and underserved populations in California. The \$6 billion is allocated for the following:

- \$3.25 billion for an open-access statewide broadband Middle-Mile Network,
- \$2 billion for broadband last mile infrastructure projects,

- \$750 million for a Loan Loss Reserve to support local government broadband infrastructure development, and
- \$50 million for local agency technical assistance grants including funding for Tribal entities.

The CPUC's Local Agency Technical Assistance Grants Program (LATA) support local agencies and tribes in their efforts to expand broadband service to unserved and underserved Californians. LATA grants reimburse eligible entities for pre-construction activities in advance of broadband deployment projects. As of January 9, 2023, the CPUC has received 114 applications requesting \$51.6 million, which is more than what has been allocated to the Program, and has awarded \$33.2 million of the total \$50 million available. In Riverside County, current LATA awardees include the Cities of Banning, Coachella, Palm Springs, Indio, and the County of Riverside, and a pending application from Coachella Valley Association of Governments. Additional program information can be found in the attached one page fact sheet and a current list of applicants from Riverside County can be found in the attachments.

The California Department of Technology (CDT) and its Office of Broadband and Digital Literacy is overseeing the acquisition and management of contracts for the development, construction, maintenance and operation of the statewide open access middle-mile network. CDT has also retained a Third Party Administrator, CENIC, to construct and establish the network and has created a nine-member Middle-Mile Advisory Committee (MMAC). In Quarter 4 2022, many of the contracts to build the middle mile network, including along several highways in Riverside County, were released to bid. The middle mile network design can be seen in the attachments.

The Federal Funding Account will fund last mile broadband infrastructure projects to connect unserved and underserved Californians with high-speed broadband service. The Federal Funding Account has a \$2 billion budget of state and federal funds for eligible entities including telephone corporations, broadband service providers, local government agencies, nonprofits, electric utilities, cooperatives, and California tribes. In January 2023, the CPUC released priority area maps that will facilitate the effective and equitable distribution of program funds. Several areas of Western Riverside County have been identified as priority areas, and a map of these areas can be found in the attachments. The CPUC will be providing information regarding the Federal Funding Account application process, important dates, and additional mapping tools. The CPUC will release an application tool that will allow applicants to select priority areas for funding and submit them to the CPUC as part of their grant application.

The Broadband Loan Loss Reserve Fund (Fund) is a new \$750 million fund that provides a credit enhancement related to the financing of local broadband infrastructure development. The Fund expands the ability of local governments, tribes and non-profits to secure financing for building last-mile projects, with an emphasis on public broadband networks. The Fund will provide collateral to local governments, including protection against a certain percentage of the lender's risk of loss, to enable more favorable borrowing rates and terms for bonds issued to deploy broadband infrastructure. A proposed decision on how the Fund shall be implemented is anticipated in Quarter 1 of 2023, and will be open to comments prior to the CPUC's vote for adoption.

Streetlight Program Update

The Regional Streetlight Program oversees a Professional Services Agreement (Agreement) with Yunex Traffic to provide streetlight LED retrofit, routine and extraordinary operation and maintenance services (O&M). Yunex Traffic provides these services to nine participating agencies including the Cities of Eastvale, Hemet, Lake Elsinore, Menifee, Murrieta, Perris, San Jacinto, Wildomar, and the Jurupa

Community Services District. The term of the Agreement will expire on December 1, 2023, and contains a final optional term to extend the Agreement for one year. However, staff is planning to conduct a public solicitation process over the next year to seek a new agreement.

Staff will be seeking a Staff will be conducting outreach to participating members that would like to participate in the public solicitation process by reviewing the potential Request for Proposal (RFP), reviewing bids, and participating in the interviews and selection process. Member Agency representatives were integral in selecting an O&M contractor in 2017, and staff will be following a similar process. This process reflects a transparent and cooperative process with participating members that are ultimately the customers of the services provided by the Streetlight Program.

As part of the Streetlight Program, staff will also be developing a 2022 end-of-year O&M report for participating members. These reports will provide details on routine O&M service orders, as well as details on extraordinary O&M work orders and incidences such as knockdowns. For example, staff have noted recurring streetlight pole knockdowns in certain locations of member agency jurisdictions. Staff will be sharing the reports with participating member agencies and will also be including examples at upcoming committee meetings.

Prior Action(s):

Energy Resilience Plan:

December 5, 2022: The Executive Committee approved the Western Riverside County Energy Resilience Plan and directed staff to pursue funding opportunities to advance the identified projects further along in the design process and conduct energy resilience planning activities.

November 17, 2022: The Technical Advisory Committee recommended that the Executive Committee approve the final version of the Western Riverside County Energy Resilience Plan, and recommended that the Executive Committee direct staff to pursue funding opportunities to advance the identified projects further along in the design process.

November 9, 2022: The Administration & Finance Committee recommended that the Executive Committee approve the final version of the Western Riverside County Energy Resilience Plan, and recommended that the Executive Committee direct staff to pursue funding opportunities to advance the identified projects further along in the design process.

Smart Streetlight Implementation Plan & Broadband Assessment:

October 13, 2022: The Public Works Committee received and filed.

October 12, 2022: The Administration & Finance committee received and filed.

August 1, 2022: The Executive Committee 1) accepted the Smart Streetlight Implementation Plan and Broadband Assessment; 2) directed staff to implement Phase 1 of the Smart Streetlight Implementation Plan; and 3) directed staff to provide bi-monthly updates on broadband funding opportunities and convene meetings as needed to disseminate information on broadband-related funding opportunities.

Fiscal Impact:

This item is for informational purposes only, therefore there are no fiscal impacts. All activities part of the Regional Streetlight Program are budgeted in the Streetlight Program budget (110-67-2026).

Attachment(s):

[Attachment 1 - Energy Resilience Plan Prioritization Matrix](#)

[Attachment 2 - CPUC LATA One Page Fact Sheet](#)

[Attachment 3 - CPUC LATA Applicants January 2023](#)

[Attachment 4 - Statewide Middle Mile Broadband Network Design Map Riverside County](#)

[Attachment 5 - CPUC Federal Funding Account Priority Areas Map Riverside County](#)

Attachment

Energy Resilience Plan Prioritization Matrix

Facility Overview		Community Value (Social Vulnerability)					Operational Needs (Energy Needs & Availability Requirements)						Physical Hazard Sensitivity						Existing Infrastructure										TOTAL SCORE	
		The scale and vulnerability of the community served by the asset/facility.					The requirements for energy at the at the facility to maintain function.						The scale and nature of the physical threats to the asset/facility.						The asset's/facility's existing systems which influence its ability to operate											
Agency	Building Type	People served	Socioeconomic Status	Household Composition & Disability	Minority Status & Language	Housing & Transportation	Overall Social Vulnerability	Relocatability	Computers/ Other Equipment	Space conditioning (heating/cooling)	Lighting	Communications/ Server Rooms (including	Security	Air Quality	Drought	Human Health Hazards	Flooding	Extreme Temperature (heat waves, cold snaps)	Wildfire	Facility age- Old /Avg/New	Electrical/Power system condition	HVAC systems	Backup Generators	Fuel storage tanks	Power conditioning systems (UPS)	Renewable energy supply	Battery energy storage	Multiple power feeds	Opportunity for alternative technologies	
All responses translated from questionnaire and coded per category as highlighted in this row		<100=1 100-1k=2 1k-10k=3 >10k=4	4 percentiles [highest (4) to lowest (1)]				Y=1 N=3	Uninterruptible=3 Essential=2 Non-essential=1 N/A= 0					High=3 Medium=2 Low=1 N/A=0					<10 yrs=1 10-40yrs	Poor=3 Avg/Fair=2 Good=1	No=3 Yes- P=2 Yes-	Yes=1 Yes w/gap=2 No=3 Not needed= blank/0					Max=100				
		1.25					1.25	1.4	1.4	1.4	1.4	1.4	1.4	2.0	2.0	2.0	2.0	3	2.3	0.5	1	1	1	0.81	0.81	0.81	0.81	0.81	0.81	
CORONA	Water Wells																													86
BEAUMONT	Police Station																													80
RIVERSIDE	Sewer treatment plant																													72
MURRIETA	Fire Station																													70
RIVERSIDE	Lift station																													69
TEMECULA	Fire Station																													68
WILDOMAR	Fire Station																													64
EASTVALE	Fire Station																													61
MORENO VALLEY	Senior center																													53
LAKE ELSINORE	cooling center																													45

Note: The following Member Agencies have not included submissions to the matrix: City of Calimesa, City of Canyon Lake, City of Hemet, City of Norco, City of Perris, City of San Jacinto, and the County of Riverside.

Attachment

CPUC LATA One Page Fact Sheet



Broadband Technical Assistance

Currently accepting grant applications!

What

Technical assistance grants to local agencies and Tribal governments in California reimburse pre-construction expenses in advance of broadband deployment.

Eligibility and Timing

Eligible local agencies include any local government agency authorized to provide broadband service in California.

Eligible Tribes include any California Tribe (with and without federal recognition).

Technical assistance grant applications are currently being accepted on a rolling basis. Awards are made on a monthly basis and a table summarizing applications received is updated weekly on the technical assistance webpage, [here](#).



Reimbursable Expense Examples

Funds will reimburse pre-construction expenses to provide broadband connections to unserved and underserved areas. Examples of expenses that may be reimbursed:

- Consultant or staff time for environmental studies, network design, engineering studies, needs assessments, and broadband strategic plans.
- Costs incurred in forming a joint powers authority for bringing broadband to communities in need.

Learn More

Further information on the CPUC website:

<https://www.cpuc.ca.gov/industries-and-topics/internet-and-phone/broadband-implementation-for-california/local-agency-technical-assistance>

Information on the separate CPUC Tribal Technical Assistance Program:

<https://www.cpuc.ca.gov/industries-and-topics/internet-and-phone/california-advanced-services-fund/tribal-technical-assistance>

Questions to Broadband.TechAssist@cpuc.ca.gov

Attachment

CPUC LATA Applicants
January 9, 2023 -
Riverside County

Local Agency Technical Assistance - Grant Applications Received						
APPLICATION CYCLE	STATUS	APPLICANT	PROJECT NAME	PROJECT LOCATION	PROJECT SUMMARY	REQUESTED \$\$
September 2022	Awarded	City of Banning Electric Utility Department	Broadband System Expansion Feasibility Study	City of Banning (city-wide)	The proposed technical assistance grant will fund the development of a Broadband System Expansion Feasibility Study for the City of Banning. This study will investigate the viability of expanding the City's broadband access and outline a strategy that is expected to result in broadband infrastructure projects designed to provide service to unserved or underserved households and businesses and that is designed to, upon completion, reliably meet or exceed symmetrical 100 Mbps download and upload speeds. This project will be completed within 24 months.	\$ 300,000
September 2022	Awarded	City of Indio	City of Indio: Broadband Last Mile Design & Engineering Project	City of Indio with focus on priority underserved areas including the Jewel neighborhood and the Downtown area	The City of Indio's proposed Broadband "Last Mile" project will create a "shovel ready" broadband expansion project, and will produce all design, engineering, and environmental documents needed to deploy broadband to the City's most underserved residents.	\$ 256,746
September 2022	Awarded	City of Palm Springs	Palm Spring Broadband Readiness Project	Within the city limits of Palm Springs	The proposed technical assistance grant will fund development of design engineering for the City of Palm Springs. This plan will provide a comprehensive conceptual design plan to provide service to the unserved and underserved households and businesses that are designed to, upon completion, reliably meet or exceed symmetrical 100 Mbps download and upload speeds. This project will be completed within the 24 month timeline.	\$ 233,500
October 2022	Awarded	County of Riverside	Broadband Technical Support	Unincorporated Riverside County	The proposed technical assistance grant will fund updates and implementation of a Broadband Strategic Plan for Riverside County, focusing on the unincorporated communities within the county. This plan outlines the strategy that is expected to result in broadband infrastructure projects designed to provide service to unserved or underserved households and businesses and that are designed to, upon completion, reliably meet or exceed symmetrical 100 Mbps download and upload speeds or infrastructure projects that comply with federal rules as mentioned in note #3 in the LATA Guidance, Attachment 1 (R.20-08-021 COM/DH7/sgu). This project will be completed within the prescribed timeline.	\$ 500,000
November 2022	In Review	Coachella Valley Association of Governments	Coachella Valley Broadband Connectivity	Coachella Valley	The Coachella Valley Association of Governments will conduct a Coachella Valley Broadband Strategic Plan and design and engineering work that will implement a regional plan to increase access to broadband in unserved and underserved areas. The plan will identify needs, gaps, implementation options, challenges and opportunities to increase broadband access and will leverage middle-mile infrastructure in the Coachella Valley to build last-mile projects, to provide symmetrical 100 Mbps download and upload speeds, with a focus on underserved and unserved areas in the Coachella Valley.	\$ 978,460
December 2022	Received	City of Coachella	Broadband Master Plan	City of Coachella	The proposed technical assistance grant will fund development of a Broadband Master Plan to assist with a planning and decision-making process as the City of Coachella Mayor and City Council determine whether it is feasible to deploy and operate broadband infrastructure for the residents, businesses, and anchor institutions within City limits. The information obtained from such a report will be used to assist in the planning and evaluation of feasibility for implementation of a network that seeks to lower broadband costs and increase network value for all stakeholders in Coachella. Additionally, the report will be designed to assist City leaders in understanding the operational implications, important risk factors, and a realistic cost framework for developing and operating City owned fiber optic infrastructure. The primary strategic priorities identified by City leaders for this analysis will include lowering costs, improving network speed and reliability, increasing competition, fostering economic development, and fixing the coverage gaps that exist in the City. City leaders also have an interest in the potential for this infrastructure to support emerging smart city applications.	\$ 234,000
December 2022	Received	Southern California Association of Governments	Last Mile Project Assessment for the SCAG Region	Some analysis completed at the regional level (six county SCAG region) with three priority areas for implementation.	SCAG to provide critical broadband planning and implementation efforts for the region; will develop a methodology to conduct regional analysis and identify and prepare for three (3) shovel-ready last mile projects and develop preliminary specifications for each project.	\$ 996,058

Attachment

California Middle Mile Network Design Map

Statewide Construction
Evaluation Map of 10,000
Miles of Proposed Build

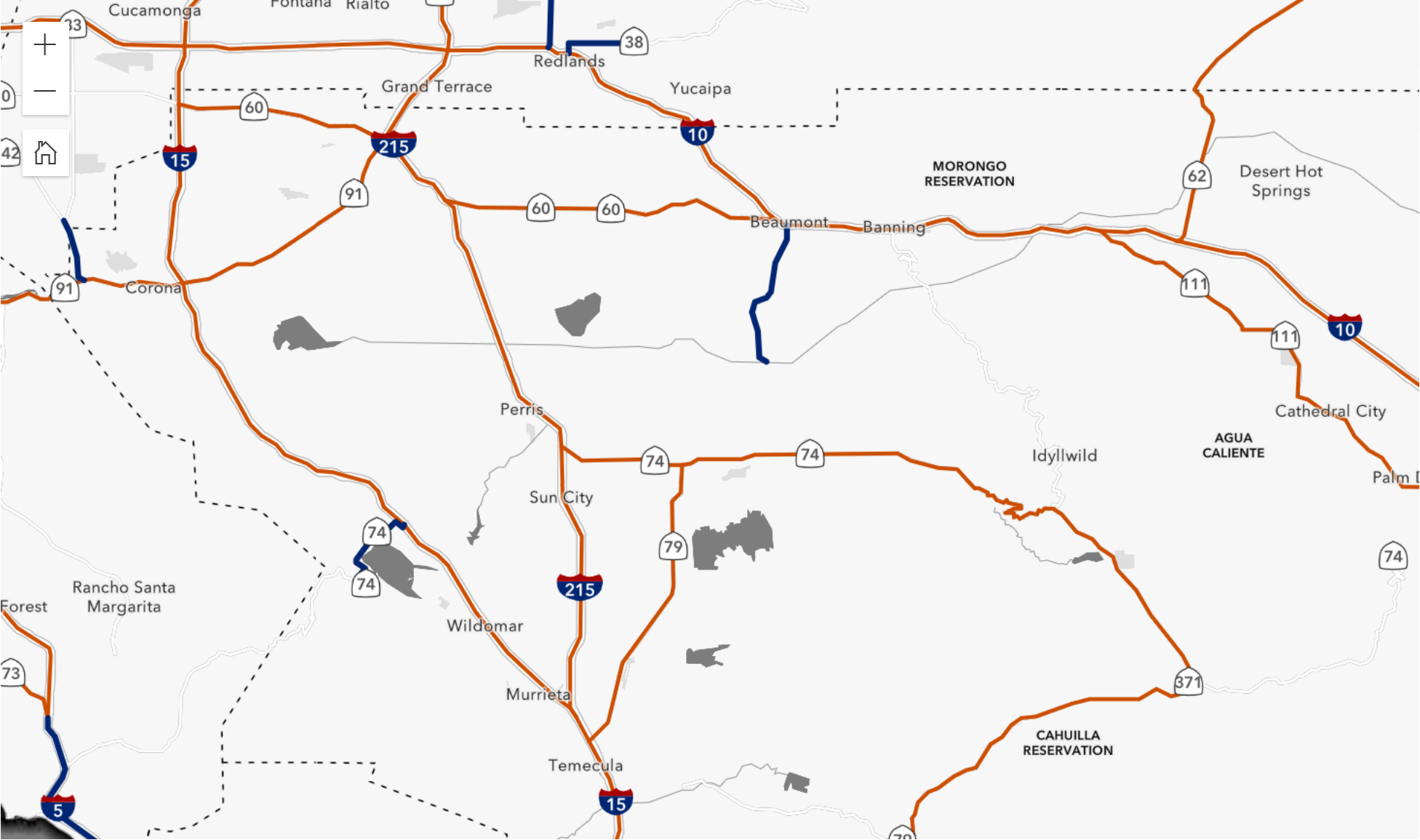
Legend

Layers

Statewide Network Spurs



Current Statewide Network Design

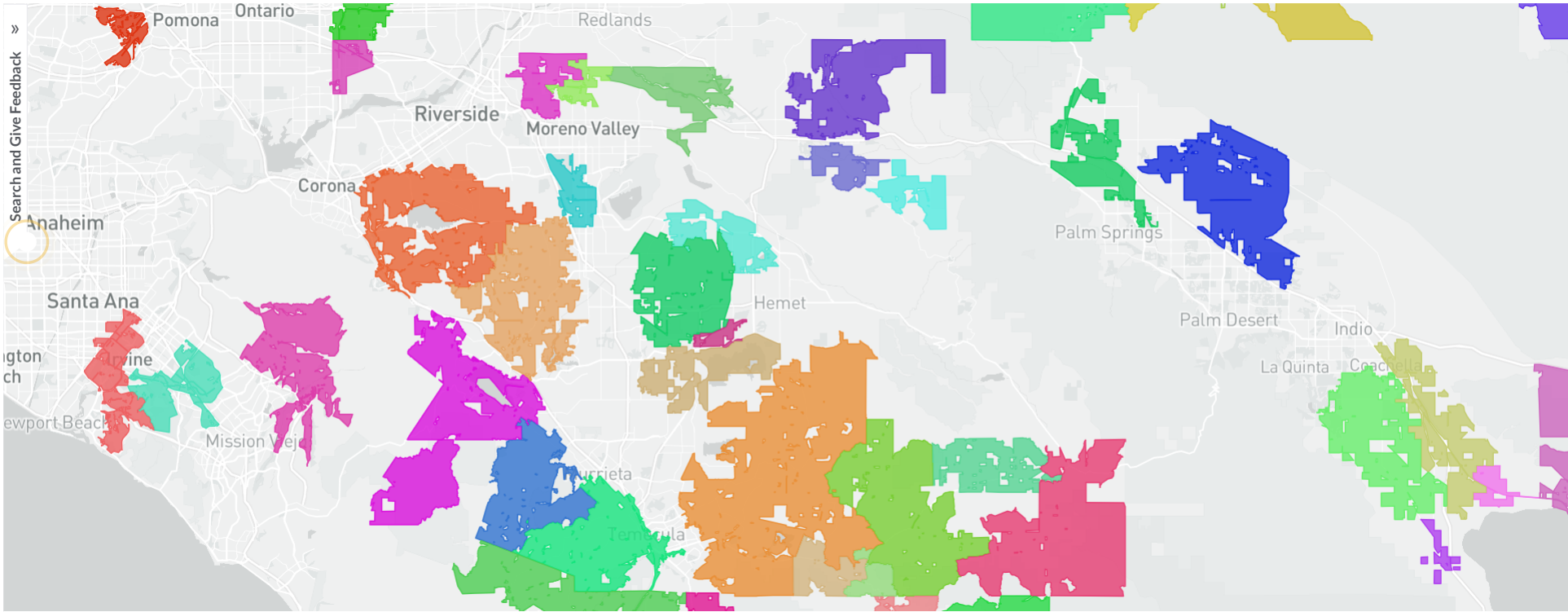


Attachment

CPUC Federal Funding Account
Priority Areas Map -
Riverside County



» Search and Give Feedback



» Legend



Basemap