



Western Riverside Council of Governments Technical Advisory Committee

AGENDA

**Thursday, July 18, 2019
9:30 a.m.**

**Western Riverside Council of Governments
Citrus Tower
3390 University Avenue, Suite 450
Riverside, CA 92501**

In compliance with the Americans with Disabilities Act and Government Code Section 54954.2, if special assistance is needed to participate in the Technical Advisory Committee meeting, please contact WRCOG at (951) 405-6703. Notification of at least 48 hours prior to meeting time will assist staff in assuring that reasonable arrangements can be made to provide accessibility at the meeting. In compliance with Government Code Section 54957.5, agenda materials distributed within 72 hours prior to the meeting which are public records relating to an open session agenda item will be available for inspection by members of the public prior to the meeting at 3390 University Avenue, Suite 450, Riverside, CA, 92501.

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

- 1. CALL TO ORDER (George Johnson, Chair)**
- 2. SELF INTRODUCTIONS**
- 3. PLEDGE OF ALLEGIANCE**
- 4. PUBLIC COMMENTS**

At this time members of the public can address the Technical Advisory Committee regarding any items with 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. SELECTION OF TECHNICAL ADVISORY COMMITTEE CHAIR, VICE-CHAIR, AND 2ND VICE-CHAIR FOR FISCAL YEAR 2019/2020 **P. 1**

Requested Action: 1. *Select Technical Advisory Committee Chair, Vice-Chair, and 2nd Vice-Chair positions for Fiscal Year 2019/2020.*

6. MINUTES

A. Summary Minutes from the May 16, 2019, Technical Advisory Committee Meeting are Available for Consideration. **P. 3**

Requested Action: 1. *Approve the Summary Minutes from the May 16, 2019, Technical Advisory Committee meeting.*

7. 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. Finance Department Activities Update **Andrew Ruiz** **P. 11**

Requested Action: 1. *Receive and file.*

B. WRCOG Committees and Agency Activities Update **Christopher Gray** **P. 17**

Requested Action: 1. *Receive and file.*

C. Riverside County Habitat Conservation Agency Update **Princess Hester** **P. 31**

Requested Action: 1. *Receive and file.*

D. Western Riverside Energy Partnership Program Activities Update **Anthony Segura** **P. 35**

Requested Action: 1. *Receive and file.*

E. Second Amendment to Professional Services Agreement with Kearns and West, Inc., for On-Call Planning Professional Services for Member Jurisdictions **Kyle Rodriguez** **P. 37**

Requested Action: 1. *Recommend that the Executive Committee approve the Second Amendment to the Professional Services Agreement between WRCOG and Kearns and West, Inc., to provide WRCOG planning support and advisory services in an amount not to exceed \$60,925 for WRCOG Clean Cities Program, taking the amended contract in a not to exceed amount of \$219,485 in total, and to extend the term of the Agreement through June 30, 2020.*

F.	Proposed TUMF Exemption – Transitional Housing for the Homeless	Christopher Gray	P. 49
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Requested Action: 1. *Recommend that the Executive Committee approve the proposed TUMF exemption for specially built homes that serve as transitional housing for homeless individuals or families.*

G.	International City / County Management Association Activities Update	AJ Wilson, California Senior Advisor	P. 51
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Requested Action: 1. *Receive and file.*

8. REPORTS / DISCUSSION

A.	Report from the League of California Cities	Erin Sasse, League of California Cities	P. 53
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Requested Action: 1. *Receive and file.*

B.	Regional Water Supply Update	Paul Jones, EMWD, and Craig Miller, WMWD	P. 55
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Requested Action: 1. *Receive and file.*

C.	Update on the Experience Subregional Innovation Center	Christopher Gray, WRCOG	P. 57
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Requested Action: 1. *Receive and file.*

D.	2019 TUMF Construction Cost Index Adjustment	Christopher Gray, WRCOG	P. 61
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Requested Action: 1. *Consider the recommendation on CCI provided by the Public Works Committee and provide a recommendation to the Executive Committee for consideration in August.*

E.	Regional Streetlight Program Activities Update	Daniel Soltero, WRCOG	P. 75
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Requested Action: 1. *Receive and file.*

F.	California Clean Air Day	Casey Dailey, WRCOG	P. 79
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Requested Action: 1. *Recommend that the Executive Committee Adopt Resolution Number 30-19; A Resolution of the Executive Committee of the Western Riverside Council of Governments Proclaiming October 2, 2019, as California Clean Air Day.*

9.	REPORT FROM THE EXECUTIVE DIRECTOR	Rick Bishop
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10.	ITEMS FOR FUTURE AGENDAS	Members
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11.	GENERAL ANNOUNCEMENTS	Members
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Members are invited to announce items/activities which may be of general interest to the Technical Advisory Committee.

- 12. NEXT MEETING:** The Technical Advisory Committee meeting has been cancelled for the month of August. The next Technical Advisory Committee meeting is scheduled for Thursday, September 19, 2019, at 9:30 a.m., at WRCOG's office located at 3390 University Avenue, Suite 450, Riverside.
- 13. ADJOURNMENT**



Western Riverside Council of Governments

Technical Advisory Committee

Staff Report

Subject: Selection of Technical Advisory Committee Chair, Vice-Chair, and 2nd Vice-Chair for Fiscal Year 2019/2020

Contact: Rick Bishop, Executive Director, rbishop@wrcog.us, (951) 405-6701

Date: July 18, 2019

The purpose of this item is to select Technical Advisory Committee leadership positions for Fiscal Year 2019/2020.

Requested Action:

1. Select Technical Advisory Committee Chair, Vice-Chair, and 2nd Vice-Chair positions for Fiscal Year 2019/2020.

WRCOG's Committee leadership positions are selected at the start of each fiscal year. At the 2019 General Assembly, the leadership for the Executive Committee for Fiscal Year 2019/2020 was selected as follows:

Chair: Bonnie Wright, City of Hemet
 Vice-Chair: Kevin Bash, City of Norco
 2nd Vice-Chair: Kelly Seyarto, City of Murrieta

Historically, the Technical Advisory Committee positions have coincided with those of the WRCOG Executive Committee, although there are no requirements for this pattern stipulated in WRCOG's JPA or Bylaws.

Prior Action:

None.

Fiscal Impact:

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

Attachment:

None.

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1. CALL TO ORDER

The meeting of the Technical Advisory Committee was called to order at 9:35 a.m. by Chair George Johnson at WRCOG's office, Citrus Conference Room.

2. ROLL CALL

Members present:

Todd Parton, City of Beaumont
Bonnie Johnson, City of Calimesa
Chris Mann, City of Canyon Lake
Ernie Reyna, City of Eastvale
Christopher Lopez, City of Hemet
George Wentz, City of Jurupa Valley
Armando Villa, City of Menifee
Tom DeSantis, City of Moreno Valley (9:37 a.m. arrival)
Jeff Murphy, City of Murrieta
Rafael Guzman, City of Riverside
Gary Nordquist, City of Wildomar
George Johnson, County of Riverside (Chair)
Danielle Coats, Eastern Municipal Water District (10:40 a.m. departure)
Mathew Evans, March Joint Powers Authority
Floyd Velasquez, Morongo Band of Mission Indians

Staff present:

Steve DeBaun, Legal Counsel
Rick Bishop, Executive Director
Barbara Spoonhour, Deputy Executive Director - Operations
Andrew Ruiz, Interim Chief Financial Officer
Christopher Gray, Director of Transportation & Planning
Casey Dailey, Director of Energy & Environmental Programs
Tyler Masters, Program Manager
Christopher Tzeng, Program Manager
Daniel Ramirez-Cornejo, Program Manager
Andrea Howard, Program Manager
Janis Leonard, Administrative Services Manager
Anthony Segura, Staff Analyst
Rachel Singer, Staff Analyst
Ivana Medina, Fellow

Guests present:

Jeff Potts, City of Corona
Rita Thompson, City of Lake Elsinore
Andy Ramirez, City of San Jacinto
Araceli Ruiz, County of Riverside, District 1
Erin Sasse, League of California Cities
Darcy Kuenzi, Riverside County Flood Control and Water Conservation District
Lorelle Moe-Luna, Riverside County Transportation Commission
John Standiford, Riverside County Transportation Commission

3. PLEDGE OF ALLEGIANCE

Executive Director Rick Bishop led members and guests in the Pledge of Allegiance.

4. PUBLIC COMMENTS

There were no public comments.

5. MINUTES (County of Riverside / Moreno Valley) 14 yes; 0 no; 0 abstain; Item 5.A was approved. The Cities of Banning, Corona, Lake Elsinore, Menifee, Norco, Perris, San Jacinto, and Temecula, and the Western Municipal Water District were not present.

A. Summary Minutes from the April 18, 2019, Technical Advisory Committee Meeting are Available for Consideration.

Action: 1. *Approved the Summary Minutes from the April 18, 2019, Technical Advisory Committee meeting.*

6. CONSENT CALENDAR (Calimesa / EMWD) 16 yes; 0 no; 0 abstain; Items 6.A – 6.J were approved. The Cities of Banning, Corona, Lake Elsinore, Menifee, Norco, Perris, San Jacinto, and Temecula, and the Western Municipal Water District were not present.

A. Finance Department Activities Update

Action: 1. *Received and filed.*

B. WRCOG Committees and Agency Activities Update

Action: 1. *Received and filed.*

C. Regional Streetlight Program Activities Update

Action: 1. *Received and filed.*

D. Western Riverside Energy Partnership Program Activities Update

Action: 1. *Received and filed.*

E. Approval of Updated Policies and Procedures

Action: 1. *Recommended that the Executive Committee approve the updated WRCOG Policies and Procedures.*

F. Approval of Professional Services Agreement for Update to WRCOG's Subregional Climate Action Plan

Action: 1. *Recommended that the Executive Committee authorize the Executive Director to execute a Professional Services Agreement between WRCOG and Environmental Science Associates to update WRCOG's Subregional Climate Action Plan in an amount not to exceed \$362,423.*

G. Request for Authorization to Enter into a Professional Services Agreement for Phase II Development of the Experience Subregional Innovation Center

Action: 1. *Authorized the Executive Director to enter into a Professional Services Agreement between the Western Riverside Council of Governments and Network for Global Innovation to lead Phase II development of Experience subregional innovation center.*

H. Approval of 3rd Quarter Draft Budget Amendment for Fiscal Year 2018/2019

Action: 1. *Recommended that the Executive Committee approve the 3rd Quarter Draft Budget Amendment for Fiscal Year 2018/2019.*

I. RHNA and Housing Legislative Priority Activities Update

Action: 1. *Recommended that the Executive Committee take action to decline the option to take on subregional delegation for RHNA Cycle 6.*

J. International City / County Management Association Activities Update

Action: 1. *Received and filed.*

7. REPORTS / DISCUSSION

A. Report from the League of California Cities

Erin Sasse reported that at its next meeting in June, CalPERS is anticipated to pass regulations regarding contracting employees. The League is asking city representatives to attend that meeting. There are two Riverside County representatives on the CalPERS Board – Lisa Middleton, Palm Springs Councilmember, and Jason Perez with the City of Corona.

SB 50 (Weiner) the housing bill which was amended, is being heard today. If passed, this bill would create a very unfair tiered system for counties with a population of more than 50k; however, it exempts some coastal cities as well as some of the authors' jurisdictions. One of the requirements in the bill is that cities must allow for four-plexes on vacant parcels or on property that contains a structure that has been unoccupied for at least five years and is considered substandard. Part of this amendment includes a provision that if a city has bus lines that run every 15 minutes these changes also apply.

AB 1356 (Ting) would force a city, if it approved Prop 64, to allow either 25% of the liquor licenses or one license for cannabis for every 10,000 residents, whichever is less. It does allow that number to be lowered but requires a vote by constituents. The League opposes this bill and recommends jurisdictions submit letters of opposition.

AB 516 (Chiu) makes it difficult for jurisdictions to enforce vehicle violations by not allowing boots to be placed on a vehicle that has five or more unpaid parking tickets, by not allowing a vehicle to be moved due to expired registration, and by not allowing jurisdictions to move a vehicle due to expired time restrictions.

AB 849 (Bonta) imposes a significant amount of requirements on cities when redistricting. The bill was amended and only applies to cities and counties. If passed, this bill will be an unfunded mandate.

AB 1332 (Bonta) is being amended but is still bad, making it difficult for jurisdictions to contract.

Action: 1. *Received and filed.*

B. RCTC – Logistics Fee Study Update

Lorelle Moe-Luna reported that last week the Riverside County Transportation Commission (RCTC) took action to approve the conduct of a logistics mitigation fee study. This matter came about due to the creation of the World Logistics Center in the City of Moreno Valley. The Center is proposed to expand over 26 acres, totaling over 40.6 million square feet, and will draw as many as 14,000 truck trips per day.

In 2015, RCTC filed a lawsuit against the Highland Fairview challenging the initiatives of the Environmental Impact Report. A settlement was reached in July 2016 between RCTC, the County of Riverside, the City of Moreno Valley, and Highland Fairview. The terms and conditions included that Highland Fairview and the City would contribute \$100k each for air quality studies, that Highland Fairview would receive TUMF credit for widening Gilman Springs, and that both would contribute \$3 million to Gilman Springs safety improvements; \$2 million to widen Highway 60; and \$1 million for improving the Theodore Interchange. The settlement also stated that each party would contribute \$250k for a Regional Transportation Study to evaluate a logistics-related fee.

If a fee program is established, Highland Fairview would pay .65 cents per square foot. If a fee program is not established, Highland Fairview would pay .50 cents per square foot. The fee would have to be approved by the County Supervisors, or 75% of the cities within the County, within 24 months.

RCTC picked up the study in the Spring 2016 and held seven team meetings. Participants included representatives from Caltrans, NAIOP, SCAG, CVAG, AQMD, and others. Two workshops were held and a website was created to house easy access to documents.

A majority of the comments received were general in nature; who would the fee apply to, what types of projects would be paid for, and how this differs from existing TUMF Programs. The following have been completed to date: existing and future conditions analysis, funding and cost analysis, the Nexus Study, and a locational impacts assessment.

The Fee Act requires that the fees be roughly proportional and that they do not have to exclusively benefit from the infrastructure but can substantially benefit the overall improvement to regional mobility. A new fee program would not mitigate for existing deficiencies; the TUMF Program and pass-through trips are excluded from the impacts. There is no overlap with the TUMF Program. This fee program would only focus on mainline, freeway, and pass mitigation which are not covered by the regional envelope of arterials.

The methodology used for this fee study is relatively the same as the TUMF Program in place. The study found that in approximately 20 years there will be 37.3 million square feet of warehousing grove. This is used as the denominator in the fee calculation. The forecasted truck trips indicate that the biggest increase in truck loads would occur on Highway 60 and Interstate 215.

A total of 19 potential projects were identified totaling approximately \$385 million. Once planned projects are stripped out of the total logistics share equals approximately \$48 million, or 12% of the \$385 million.

One of the questions received was what type of locational impacts would this fee have on economic development – it would have minimal impact.

A potential logistics fee would likely have limited impacts on demand for warehouses and would represent an approximate 1% of total development costs.

If RCTC's Commission chooses to pursue a fee program an implementation plan would be presented for approval at a later date. A fee collector would have to be determined; RCTC's existing structure

does not allow RCTC to collect fees. Either a new joint powers authority would have to be created or the task would be assigned to an existing joint powers authority.

Committee member Tom DeSantis noted that the World Logistics Center is not proposed; it has been approved.

Action: 1. *Received and filed.*

C. Santa Ana Municipal Separate Storm Sewer System (MS4) Permit Compliance Program Update

Darcy Kuenzi reported that the Riverside County Flood Control and Water Conservation District manages three Water Quality Storm Water Permits. The Riverside County Watershed Protection encompasses 27 cities. The Flood Control District is the lead permittee.

Lake Elsinore and Canyon Lake are experiencing excessive nutrients; the Santa Ana River has excessive bacteria; and the Santa Margarita River / Lagoon is experiencing excessive nutrients. These problems need to be fixed given that these water bodies provide recreational activities and beneficial uses to the subregion.

Alternative Compliance for the development of projects exist. Flood Control has partnered with WRCOG to explore this. There is the potential of creating a credit trading program.

Christopher Gray indicated that WRCOG conducted technical work in a study and is in the process of obtaining confirmation from the stakeholders; comments have generally been positive and a report on this will be presented to this Committee at a future meeting.

The Permit for the Santa Ana River expired in January 2015. A draft Permit is anticipated to be released for review by the end of July 2019. A new regional Permit with Orange and San Bernardino Counties is expected to be released. There will also be a watershed-wide planning Permit. Homelessness will be a matter to be addressed in the next round of Permitting.

The Santa Margarita River Permit expired in June 2018. An application for the next Permit was submitted in January 2018. The renewal process is anticipated to commence in the Fall 2019.

Alternative Compliance is widely accepted in the Santa Margarita River. Each watershed has its own Water Quality Control Board (WQCB). Those Boards develop regulatory requirements Flood Control has to implement.

The Permits require public outreach and education. Flood Control implemented a Public Education Strategic Plan and utilizes social media as well as sponsoring more region-wide events that have an impact on water quality.

The Cities of Jurupa Valley and Perris were audited by the Santa Ana River Regional WQCB. Flood Control met with jurisdictional staff to help them through the audits.

Trash management applies to all surface water. There are two compliance tracks. One track schedule is for 10 years and requires a 10% installation of trash capture devices per year.

Flood Control anticipates spending just under \$3 million for the Santa Ana River during the next fiscal year, and just under \$2 million for the Santa Margarita River.

Fires are devastating to local water bodies. Flood Control embarked on a region-wide clean-up effort to keep debris from the Holy Fire from being deposited into the basins. The soil was tested and it was determined that there was no soil contamination.

Ms. Kuenzi provided handouts that included state legislation updates, a newsletter, grant guidelines, a Fact Sheet on the Water Resilience Portfolio Initiative, and a news release on waterfix approvals. Stormwater is no longer being looked at as a nuisance, but as a resource.

Action: 1. *Received and filed.*

D. TUMF Fee Calculation Handbook Updates: High-Cube Warehouse Calculation and Administrative Updates

Christopher Gray reported that in the mid-2000s High-Cube Warehouses became popular. These facilities do not have a lot of employees and generate fewer trips than typical warehouses. A new category type was created to accommodate these facilities. The fee is approximately half of a typical industrial facility. New facility types have come about, such as fulfillment and distribution centers, which have a higher number of employees and create more trips.

There are approximately 10 to 15 special fee calculations in the TUMF Fee Calculation Handbook for specialized uses such as golf courses, senior housing, and nursing homes. High-Cube Warehouses currently falls into these specialized uses.

A study of 16 sites was conducted to determine whether fulfillment and distribution centers generate higher levels of trip activity than a standard industrial use; 11 were classified as distribution centers and 5 as parcel hubs. Fulfillment and distribution have much higher passenger car trip levels than a typical warehouse but have lower truck trip levels. It was determined that locations such as Amazon, utilize their employees to make deliveries on their way home. However, staff does not believe this justifies a new category for these types of warehouses.

If approved, the calculation will be adjusted for all High-Cube Warehouses to reflect the fact that some High-Cube Warehouses will operate as distribution centers.

WRCOG purchased publicly available data which shows that whether they are workers or deliveries, drivers leaving a specific Amazon facility are traveling all over the region; these facilities do have a regional impact. These facilities are generally built along TUMF facilities.

Committee member Tom DeSantis asked why there is a sliding scale.

Mr. Gray responded that in calculating the fee for High-Cube Warehouses the first 200k square feet are removed and then a trip rate is applied to the remaining square feet.

Action: 1. *Recommended that the Executive Committee approve the change in the fee calculation for high cube warehouses and direct staff to review data in 24 months.*

(Moreno Valley / Beaumont) 13 yes; 0 no; 0 abstain; Item 7.D was approved. The Cities of Banning, Corona, Lake Elsinore, Norco, Perris, San Jacinto, and Temecula, and the Western Municipal Water District were not present. EMWD and Morongo do not vote on TUMF matters.

E. Approval of Draft Fiscal Year 2019/2020 Agency Budget

Andrew Ruiz reported that there have been no changes to the Agency Budget previously presented. The total Agency revenues are approximately \$57.7M and expenditures are approximately \$55.2M.

The annual budget for Western Community Energy (WCE), an agency under WRCOG's umbrella, now reflects a launch of Fiscal Year 2020/2021 due to the fact that Southern California Edison is currently

going through a billing system upgrade. The budget is relatively small at this point and covers legal expenses and staff time as well as general operational expenses.

The annual budget for the Riverside County Habitat Conservation Agency (RCHCA) is approximately \$1.5M in revenues and \$1.2M in expenditures. RCHCA's budget consists of two funding categories – a general fund and the Lake Mathews Endowment. Primary expenses are land management costs, biological surveys, mitigation fees, and staffing.

Since moving into its current location, staff has determined that WRCOG is not utilizing all the office space. Internal discussions have occurred to sublease a portion of the office and staff have found a tenant, DTA. Additionally, Citrus Tower's ownership has provided an offer for WRCOG to move to the 2nd floor which has 4,000 square feet less than the current office. If WRCOG relocates, DTA will relocate with.

Action: 1. *Recommended that the Executive Committee and General Assembly approve the draft Fiscal Year 2019/2020 Agency Budget.*

(Calimesa / Menifee) 15 yes; 0 no; 0 abstain; Item 7.E was approved. The Cities of Banning, Corona, Lake Elsinore, Norco, Perris, San Jacinto, and Temecula, and the Western Municipal Water District were not present.

F. Appointment to the Riverside County Emergency Medical Care Committee

Rick Bishop reported that the Riverside County Emergency Medical Care Committee is an advisory Committee to the Riverside County Board of Supervisors on a number of aspects related to emergency medical care within the County. There are approximately four meetings per year.

Action: 1. *Appointed Gary Nordquist, City of Wildomar, as the representative and Chris Mann, City of Canyon Lake, as the alternate member as the WRCOG representatives to the Riverside County Emergency Medical Care Committee.*

(Canyon Lake / Beaumont) 15 yes; 0 no; 0 abstain; Item 7.F was approved. The Cities of Banning, Corona, Lake Elsinore, Norco, Perris, San Jacinto, and Temecula, and the Western Municipal Water District were not present.

G. 2019 TUMF Construction Cost Index Adjustment

Christopher Gray reported that as part of the TUMF Administration Plan, staff are required to review a Construction Cost Index (CCI) Adjustment to the existing TUMF. This matter has been presented numerous times since TUMF Program inception, but no change has been implemented except for the one year the CCI was actually decreased minimally.

For the most part, the cost of land and materials in the inland empire has steadily risen over the years. Funding assumptions that went into the TUMF Network are becoming outdated.

When the last Nexus Study was adopted, the Executive Committee reduced the retail fee and recommended a phase-in for the single-family residential increase. The current CCI is indicating that there should be a modest increase in multi-family, service, and industrial, based upon development patterns and costs. There should be a more substantial increase in single-family residential, and retail should increase minimally.

Rick Bishop added that when the Executive Committee approved the last Nexus Study, it approved a phase-in of the single-family residential fee increase, which is currently in the TUMF Ordinance and

Fee Resolution. When the Committee reduced the retail fee, there was no phase-in contemplated, so the reduced fee will remain as is until the Committee decides to increase it or decrease it further.

Mr. Gray indicated that one option staff have been looking into is to keep the reduced retail fee as is and allow the other fees to escalate by a small amount, and then pro-rate an increase to single-family residential over two years.

Revenue loss to the TUMF Program is approximately \$7 to \$8 million given that the full residential fee was not implemented. The revenue loss in retail is much smaller. Single-family, multi-family, and industrial fees make up approximately 90% of fees collected.

The Public Works Committee has asked staff to provide alternative scenarios on implementing a CCI Adjustment, particularly for retail and any phasing-in for residential.

Committee member Tom DeSantis suggested a slow increase in retail and industrial and increase the fee in single- and multi-family. These fees could also be a part of an overall economic development approach to entice the types of development that generate jobs and revenues, and not subsidize the types of development that costs cities money.

Action: 1. *Received and filed.*

8. REPORT FROM THE EXECUTIVE DIRECTOR

Rick Bishop announced that General Assembly is one month away. New this year will be the inclusion of a Future of Cities Symposium in the morning. This year's event will be an all-day event.

9. ITEMS FOR FUTURE AGENDAS

There were no items for future agendas.

10. GENERAL ANNOUNCEMENTS

There were no general announcements.

11. NEXT MEETING

The Technical Advisory Committee is dark during the month of June. The next Technical Advisory Committee meeting is scheduled for Thursday, July 18, 2019, at 9:30 a.m., at WRCOG's office located at 3390 University Avenue, Suite 450, Riverside.

12. ADJOURNMENT

The meeting of the Technical Advisory Committee adjourned at 10:45 a.m.



Western Riverside Council of Governments

Technical Advisory Committee

Staff Report

Subject: Finance Department Activities Update

Contact: Andrew Ruiz, Interim Chief Financial Officer, aruiz@wrcog.us, (951) 405-6741

Date: July 18, 2019

The purpose of this item is to provide an update on the Fiscal Year (FY) 2018/209 Agency Audit and the Agency Financial Report summary through April 2019.

Requested Action:

1. Receive and file.

FY 2018/2019 Agency Audit

WRCOG's annual Agency Interim Audit was completed on June 12, 2019. WRCOG utilizes the services of the audit firm Rogers, Anderson, Malody, and Scott (RAMS) to conduct its financial audit. The first visit is known as the "interim" audit, which involves preliminary audit work that is conducted prior to fiscal year end. The interim audit tasks are conducted in order to compress the period needed to complete the final audit after fiscal year end. In September, RAMS will return to finish its second round, which is known as "fieldwork." It is anticipated that the final Audit will be presented to this Committee in December 2019.

Financial Report Summary through April 2019

The Agency Financial Report summary through April 2019, a monthly overview of WRCOG's financial statements in the form of combined Agency revenues and costs, is provided as Attachment 1.

Prior Action:

July 10, 2019: The Administration & Finance Committee received and filed.

Fiscal Impact:

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

Attachment:

1. Financial Report summary – April 2019.

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Item 7.A

Finance Department Activities Update

Attachment 1

Financial Report summary – April 2019

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**Western Riverside Council of Governments
Monthly Budget to Actuals
For the Month Ending April 30, 2019**

Total Agency			
	Approved Budget 6/30/2019	Thru Actual 4/30/2019	Remaining Budget 6/30/2019
Revenues			
Member Dues	311,410	311,410	-
PACE Residential Revenue	480,573	223,216	257,357
WRELP Phase 2 Revenue	86,750	81,502	5,248
Statewide HERO Revenue	1,650,000	986,266	663,734
Gas Co. Prtnrshp Revenue	86,676	56,941	29,735
PACE Commercial Revenue	46,499	30,844	15,655
WRCOG HERO-Recording Revenue	122,500	156,951	(34,451)
PACE Commercial Recording Revenue	11,454	445	11,009
Statewide Recording Revenue	600,000	601,340	(1,340)
Renovate Comm Recording Rev	7,500		7,500
Active Transportation Revenue	-	71,443	(71,443)
Regional Streetlights Revenue	300,000	283,500	16,500
Solid Waste	107,313	122,248	(14,935)
Used Oil Grants	228,820	203,820	25,000
NW Clean Cities - Air Quality	132,500	143,020	(10,520)
LTF Revenue	675,000	775,500	(100,500)
Adaptation Grant Revenue	-	97,632	(97,632)
CAP Grant Revenue	-	4,977	(4,977)
RivTAM Revenue	150,000	112,600	37,400
General Assembly Revenue	300,000	116,525	183,475
PACE Admin Requisition Fee	25,000	25,000	-
Commerical/Service	110,645	73,164	37,481
Retail	130,094	94,203	35,891
Industrial	272,663	367,280	(94,617)
Residential/Multi/Single	1,144,551	929,949	214,603
Multi-Family	142,045	347,525	(205,480)
Interest Revenue - Other	80,066	80,077	(11)
HERO - Other Revenue	149,833	150,823	(990)
Commercial/Service - Non-Admin Portion	2,655,491	1,829,109	826,382
Retail - Non-Admin Portion	3,122,265	2,355,075	767,190
Industrial - Non-Admin Portion	6,543,923	9,182,000	(2,638,077)
Residential/Multi/Single - Non-Admin Portion	27,469,233	23,248,714	4,220,519
Multi-Family - Non-Admin Portion	3,409,088	8,688,126	(5,279,039)
FY 17/18 Carryover Funds Transfer in	945,845	945,845	-
Carryover Funds Transfer in	4,268,757	4,268,757	-
Overhead Transfer in	2,084,260	1,563,195	521,065
Total Revenues and Carryover Funds	58,937,742	58,797,407	(393,927)
Expenditures	Approved 6/30/2019	Actual 4/30/2019	Remaining Budget
Wages and Benefits			
Salaries & Wages	2,863,402	1,953,410	909,992
Fringe Benefits	903,736	695,610	208,126
Overhead Allocation	2,084,260	1,732,773	351,487

Total Wages, Benefits and Overhead	6,001,857	4,381,793	1,469,606
General Legal Services	641,447	499,677	141,770
PERS Unfunded Liability	198,823	152,327	46,496
Audit Svcs - Professional Fees	27,500	25,480	2,020
Bank Fees	25,252	41,747	(16,495)
Commissioners Per Diem	62,500	58,065	4,435
Office Lease	400,000	338,782	61,218
WRCOG Auto Fuels Expenses	1,250	1,134	116
WRCOG Auto Maintenance Expense	84	89	(5)
Parking Validations	27,244	14,120	13,124
Staff Recognition	800	332	468
Coffee and Supplies	3,000	1,230	1,770
Event Support	166,229	152,536	13,693
Program/Office Supplies	24,017	13,514	10,503
Computer Equipment/Supplies	8,207	2,369	5,838
Computer Software	31,111	3,127	27,984
Rent/Lease Equipment	30,000	12,333	17,667
Membership Dues	33,000	22,322	10,678
Subscription/Publications	1,448	1,315	133
Meeting Support Services	9,776	2,330	7,446
Postage	6,198	3,315	2,883
Other Household Exp	975	535	440
COG HERO Share Expenses	15,000	4,468	10,532
Storage	7,500	5,251	2,249
Printing Services	4,777	1,670	3,107
Computer Hardware	14,100	2,664	11,436
Communications - Regular Phone	15,000	12,708	2,292
Communications - Cellular Phones	20,200	7,739	12,461
Communications - Computer Services	57,936	31,752	26,184
Communications - Web Site	8,000	6,932	1,068
Equipment Maintenance - General	10,000	4,701	5,299
Equipment Maintenance - Comp/Software	21,000	17,776	3,224
Insurance - Gen/Busi Liab/Auto	94,334	102,110	(7,776)
PACE Residential Recording	485,240	253,795	231,445
Seminars/Conferences	12,887	5,580	7,307
General Assembly Expenses	300,000	95,946	204,054
Travel - Mileage Reimbursement	24,052	12,415	11,637
Travel - Ground Transportation	4,985	2,533	2,452
Travel - Airfare	13,361	9,749	3,612
Lodging	9,518	10,004	(486)
Meals	7,497	3,984	3,513
Other Incidentals	10,531	7,059	3,472
Training	9,250	419	8,831
Supplies/Materials	33,181	15,724	17,457
Advertisement Radio & TV Ads	47,886	22,020	25,866
Staff Education Reimbursement	12,500	-	12,500
Consulting Labor	2,934,856	1,717,514	1,217,342
TUMF Project Reimbursement	38,000,000	26,781,690	11,218,310
BEYOND Program REIMB	2,799,015	828,919	1,970,096
Computer Equipment/Software	3,500	3,207	293
Misc Equipment Purchased	3,000	2,735	265
Total General Operations	47,676,204	31,317,742	16,052,277
Total Expenditures and Overhead	53,678,061	35,699,535	17,521,883



Western Riverside Council of Governments

Technical Advisory Committee

Staff Report

Subject: WRCOG Committees and Agency Activities Update

Contact: Christopher Gray, Director of Transportation & Planning, cgray@wrcog.us, (951) 405-6710

Date: July 18, 2019

The purpose of this item is to provide updates on noteworthy actions and discussions held in recent standing Committee meetings, and to provide general project updates.

Requested Action:

1. Receive and file.

Attached are summary of actions and activities from recent WRCOG standing Committee meetings that have taken place for meetings which have occurred during the month of June. The July meetings of the Executive Committee, the Planning Directors Committee, and the Public Works Committee were all cancelled.

Prior Action:

None.

Fiscal Impact:

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

Attachments:

1. WRCOG June Committees Activities Matrix (Action items only).
2. Summary recaps from June Committee meetings.

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Item 7.B

WRCOG Committees and Agency
Activities Update

Attachment 1

WRCOG June Committees Activities
Matrix (Action items only)

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<u>WRCOG Committees</u> <u>Activities Matrix</u> <u>(Action Items Only)</u>		<u>Executive Committee</u>	<u>Administration & Finance Committee</u>	<u>Technical Advisory Committee</u>	<u>Planning Directors Committee</u>	<u>Public Works Committee</u>	<u>Finance Directors Committee</u>	<u>Solid Waste Committee</u>
Date of Meeting:	6/3/19	6/12/19	Did not meet	6/13/19	6/13/19	Did not meet	Did not meet	
Current Programs / Initiatives:								
Regional Streetlights Program	Received and filed.	n/a		n/a	n/a			
Property Assessed Clean Energy (PACE) Programs	Adopted Resolutions 8-19, 9-19, 10-19, 11-19, 12-19, 13-19, 14-19, 15-19, 16-19, 17-19, 18-19, 19-19, 20-19, 21-19, 22-19, 23-19 authorizing placement of assessments of various tax rolls	1) Recommend Executive Committee adopt Resolutions 26-19, 27-19 2) Recommend Executive Committee approve amended Program Report and Energy Efficiency and Conservation Program		n/a	n/a			
TUMF	1) Approved a reimbursement agreement with the City of Eastvale 2) Approved a reimbursement agreement with the City of Menifee 3) Approved an update to the TUMF Calculation Handbook related to the fee calculation for High-Cube Warehouses	n/a		Received and filed	Recommended that the Executive Committee Approve a proposed TUMF Exemption for transitional housing for homeless individuals			
Fellowship	n/a	n/a		n/a	n/a			
New Programs / Initiatives:								
EXPERIENCE	Authorized Executive Director to enter into PSA with NGIN for Phase	n/a		n/a	n/a			

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Item 7.B

WRCOG Committees and Agency
Activities Update

Attachment 2

Summary recaps from June
Committee meetings

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**Western Riverside Council of Governments
Executive Committee
Meeting Recap
June 3, 2019**

Following is a summary of key items discussed at the last Executive Committee meeting. To review the full agenda and staff reports for all items, please click [here](#). To review the meetings PowerPoint presentation, please click [here](#).

Professional Services Agreements (PSAs) Approved

- In November 2018, WRCOG's Executive Committee directed staff to move forward with the next phase of Experience, working collaboratively with the City of Riverside as the designated Experience host jurisdiction and contracting with a dedicated professional to lead the effort. In response, staff contacted Fred Walti of Network for Global Innovation (NGIN), an innovation facility entrepreneur who helped found and directed the Los Angeles Cleantech Incubator for its first six years of operation. The Committee authorized a PSA with NGIN.
- WRCOG is updating and expanding the 2014 subregional Climate Action Plan to include all 18-member cities and the County and identify new opportunities to reduce greenhouse gas emissions and comply with state mandates. The update, CAPtivate 2.0, will be partially funded by a \$344,900 grant from Caltrans. The Committee authorized a PSA with Environmental Science Advisors, following a competitive selection process.

3rd Quarter Budget Amendment Approved

- The single largest amendment was to the Transportation Department expenditures. The Transportation Department has been tasked to perform a portion of the Riverside Transportation Model update (RIVTAM) and incurred costs of approximately \$100k. These costs will be reimbursed by through a joint funding agreement involving WRCOG, RCTC, Riverside County, and CVAG.
- Overall, there was a net expenditure increase of \$24,870, which is from the RIVTAM update.

Recommended Approval of Fiscal Year 2019/2020 Agency Budget Moving Forward to General Assembly

- The Executive Committee approved the draft Fiscal Year 2019/2020 Agency Budget, which will be presented to the General Assembly on June 20, 2019, for final approval.
- WRCOG is pursuing three fiscal goals to decrease expenditures and increase revenues: 1) to reduce PERS unfunded liability, 2) to sublease excess square feet of existing office space, and 3) to expand the PACE Program commercial footprint.

Subregional Delegation for RHNA Preparation Declined

- The Executive Committee recommended that WRCOG notify SCAG that the sub-regional will not be pursuing its own RHNA allocation process, which is known as sub-regional delegation

PACE Levy Assessments and Refinancing of C-PACE Projects Approved

- A series of Resolutions were adopted allowing for the placement of Annual Levy Assessments within various member jurisdictions participating in the California HERO Program.
- Authorized the refinancing of Commercial PACE (C-PACE) Assessments.

TUMF Reimbursement Agreements Approved

- The Executive Committee approved TUMF Reimbursement Agreements with the Cities of Eastvale and Menifee.
- The Reimbursement Agreement with the City of Eastvale is for the planning and engineering phases of the Limonite Avenue extension project. The Reimbursement Agreement is in the amount of \$1,540,000.
- The Reimbursement Agreement with the City of Menifee is for the planning and engineering phases of the Scott Road widening project. The Reimbursement Agreement is in the amount of \$2,370,000.

TUMF Fee Calculation Handbook Updates Approved

- The Executive Committee approved an update to the TUMF Fee Calculation Handbook to adjust the fee calculation for new high-cube warehouses that pull building permits after June 3, 2019. For high-cube warehouses that have pulled building permits, but not paid TUMF, the Executive Committee directed staff to provide these projects until August 1, 2019, to pay TUMF based on the previous high-cube warehouse methodology. This adjustment is based on a recent study completed by WRCOG which collected data on specific types of warehouses in Riverside and San Bernardino County.
- The Executive Committee also requested that staff revisit this issue in two years to account for future changes in travel patterns at these facilities in the future.

Recommendation of Fiscal Year 2019/2020 Leadership Positions Moving Forward to General Assembly

- The following slate of individuals are being recommended for FY 2019/2020 Leadership:
- Chair: Bonnie Wright, Mayor, City of Hemet
- Vice-Chair: Kevin Bash, Council member, City of Norco
- 2nd Vice-Chair: Kelly Seyarto, Mayor, City of Murrieta

Next Meeting

The next Executive Committee meeting is scheduled for Friday, June 21, 2019, at 10:00 a.m., at the Pechanga Resort Casino, Elderberry Meeting Room, 2nd Floor, 45000 Pechanga Parkway, Temecula.



**Western Riverside Council of Governments
Administration & Finance Committee
Meeting Recap
June 12, 2019**

Following is a summary of key items discussed at the last Administration & Finance Committee meeting. To review the full agenda and staff reports, please click [here](#). To review the meeting PowerPoint presentation, please click [here](#).

Amendments to PSAs Approved for On-Call Planning Services

- The Committee approved several Professional Service Agreements to continue economic development activities, demographic forecasting services, grant writing assistance, and transportation, planning, and housing services.

Fiscal Year 2019/2020 Agency Salary Structure Moving Forward

- The Committee recommended that the Executive Committee approve the publicly available salary schedule for FY 2019/2020.

PACE Program Reports and Policy Moving Forward

- The Committee recommended that the Executive Committee approve a Debt Management Policy, increase the maximum bond authorization, and amend the Program Report to increase the maximum bond indebtedness for the Program.

Agency Office Relocation

- The Committee received an update on the Agency's relocation to the 2nd Floor.
- Staff anticipates moving by October 2019.

Next Meeting

The next Administration & Finance Committee meeting is scheduled for Wednesday, July 10, 2019, at 12:00 p.m. in WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



**Western Riverside Council of Governments
Planning Directors Committee
Meeting Recap
June 13, 2019**

Following is a summary of key items discussed at the last Planning Directors Committee meeting. To review the full agenda and staff reports, please click [here](#). To review the meeting PowerPoint presentation, please click [here](#).

Presentation on Cannabis Activity in the City of Desert Hot Springs

- Representatives from the City of Desert Hot Springs presented on their proactive approach to regulating cannabis activity in the City.
- The City passed a comprehensive Marijuana Tax Measure in 2014 with overwhelming support, opening the door for a variety of marijuana-related commercial operations, including dispensaries, cultivation facilities, manufacturing, distribution, retail, and lab testing.

Presentation on Affordable Housing and Sustainable Communities (AHSC) Grant Program

- Alejandro Huerta of Enterprise Community Partners, which has an outreach contract with the State for the AHSC program, presented on AHSC and highlighted strategies for bringing these dollars to member jurisdictions.

TUMF Program Development Agreements Update

- Staff reported on the final analysis conducted of development agreements in the subregion with TUMF exemptions.
- Based on staff review, only the Harveston / Winchester Hills Development Agreement in the City of Temecula remains active with a TUMF exemption.

Housing Element Annual Progress Reports

- Committee members discussed their experiences submitting the Annual Housing Progress Reports following implementation of new reporting requirements.
- Staff shared that, as part of its contract with Department of Housing and Community Development (HCD) to support Senate Bill 2, PlaceWorks is able to assist cities complete their 2018 Annual Report.

Next Meeting

The July meeting for the Planning Directors Committee was adjourned. The next Planning Directors Committee meeting is scheduled for Thursday, August 8, 2019, at 9:00 a.m. at WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



**Western Riverside Council of Governments
Public Works Committee
Meeting Recap
June 13, 2019**

Following is a summary of key items discussed at the last Public Works Committee meeting. To review the full agenda and staff reports, please click [here](#). To review the meeting PowerPoint presentation, please click [here](#).

Western Riverside Energy Partnership Update on Energy Efficiency Benchmarking

- WRCOG is looking to provide Benchmarking services to its members that will consist of data tracking and reporting out on each agency's energy consumption for its municipal facilities. Benchmarking is a useful tool that can lead to the identification of a facilities overconsumption of energy / gas.
- Staff will be working with member agencies to submit the Customer Information Service Request Form to both SCE and SoCal Gas to request energy / gas data on its municipal owned facilities for Benchmarking services.
- SoCal Gas is looking to extend the Partnership into 2020 and would like to enroll new members that have not been involved in the past with the Local Government Partnership. Staff will be working with current and new members to focus on gas efficiency projects for the upcoming year.

2019 TUMF Construction Cost Index Adjustment

- Staff reported on the TUMF Construction Cost Index (CCI) adjustment to the fee schedule in the 2016 Nexus Study.
- Staff presented options for potential implementation of the CCI based on direction provided by the Public Works Committee in May 2019.
- The Public Works Committee recommended that the Executive Committee implement the CCI with the actions approved by the Executive Committee as part of the 2016 Nexus Study in July 2017 (maintain the retail reduction and continue the phase-in for single-family residential).

TUMF Exemption Proposed for Transitional Housing for the Homeless

- Staff reported on a proposed revision to the TUMF exemption for low incoming housing to include supportive transitional housing and recommends utilizing the California Health and Safety Code Section 50801 as the definition for transitional housing to be included in the TUMF Ordinance/Administrative Plan.
- The Public Works Committee recommended that the Executive Committee approve the proposed revision to the TUMF exemption to include transitional supportive housing.

TUMF Regional Arterial Program Update – Cycle 2

- Riverside County Transportation Commission (RCTC) staff reported on initial project submittals for potential inclusion as part of Cycle 2 to the TUMF Regional Arterial Program.
- RCTC has not made a formal decision on the selection criteria or timeline for Cycle 2.
- RCTC staff will continue providing updates on Cycle 2 as the Commission approves the criteria and timeline.

TUMF Program Development Agreements Update

- Staff reported on the final analysis conducted of development agreements in the subregion with TUMF exemptions.
- Based on staff review, only the Harveston / Winchester Hills Development Agreement in the City of Temecula remains active with a TUMF exemption.

RIVCOM TAZ Data Review Session Scheduled for July 11, 2019

- Instead of the regularly scheduled Public Works Committee meeting on July 11, 2019, WRCOG will utilize the day for jurisdictions to review TAZ data with the RIVCOM project team.
- TAZ data should be reviewed because it provides inputs for the model to produce traffic forecasts that are utilized in important studies, such as Circulation Element updates and large infrastructure projects.
- The project team will be at WRCOG's office from 11:00 a.m. through 3:00 p.m. and sessions will be set-up in 30-minute intervals. Please reach out to Christopher Tzeng (ctzeng@wrcog.us) to schedule a session.

Next Meeting

The July meeting for the Public Works Committee was adjourned. The next Public Works Committee meeting is scheduled for Thursday, August 8, 2019, at 2:00 p.m., in WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



Western Riverside Council of Governments

Technical Advisory Committee

Staff Report

Subject: Riverside County Habitat Conservation Agency Update

Contact: Princess Hester, Director of Administration, phester@wrcog.us, (951) 405-6704

Date: July 18, 2019

The purpose of this item is to provide information on activities that are underway within the Riverside County Habitat Conservation Agency (RCHCA).

Requested Action:

1. Receive and file.

The RCHCA was formed in 1990 under a Joint Powers Agreement for planning for, acquiring, and managing conserved habitat reserves for the Stephens' Kangaroo Rat (SKR), listed as endangered under the Endangered Species Act. The RCHCA is administered by WRCOG, thus the desire to periodically report on RCHCA activities to WRCOG members.

Battling Invasive and Non-Native Species

RCHCA staff uses land management techniques to support the growth of native plants which are valued for their economic, ecological and aesthetic benefits. Sometimes what lies in between the beautiful native forbs are invasive plant species. Many invasive plant species thrive in areas that are being restored for SKR. Some invasive plant species have aggressive root systems that often grow so densely that they smother the root system of surrounding vegetation. The latest culprit, "*Oncosiphon piluliferum Calflora*," commonly known as "stinknet," has been identified as an emerging invasive weed not just on RCHCA lands but throughout the state.

RCHCA continues to work with the University of California, Riverside, to determine the most effective methods of treating and eradicating this invasive weed species.

Land Management and Weed Abatement

RCHCA works to restore and protect habitat for SKR on Reserve lands. SKR natural habitat is sparse grassland and they prefer a 50:50 ratio of dirt to grassland coverage. There are mainly four techniques used in land management practices. Reserve Managers, depending on location, can mow, burn, use sheep, or herbicide to manage grassland. Reserve staff, in partnership with CAL FIRE, recently conducted three prescribed burns of approximately 700 acres. This multi-jurisdictional effort included training for fire crews from Orange, Los Angeles, and Riverside Counties and other fire management agencies. The burning enhances SKR habitat, protects private property by creating massive fire breaks, and assists fire fighters with acquiring their required training hours.

Potential Funding for SKR Recovery Efforts

RCHCA continues to partner with the U.S. Fish and Wildlife Service (USFWS) and other agencies in support of

SKR recovery. Two major challenges of demonstrating SKR recovery are funding and coordination of efforts throughout the geographic range of the species, which includes areas in Northern San Diego County. As a member of the Reserve Managers Committee, the Bureau of Land Management (BLM) also has an interest in SKR recovery as it is a protected species under their management plans. BLM notified RCHCA staff of funding opportunities and worked with RCHCA to draft a funding application for various projects totaling \$1.5 million.

RCHCA received notification that \$600k may be awarded through a BLM Good Neighbors Agreement. This funding will assist RCHCA with SKR recovery projects including a range-wide management and monitoring plan, habitat management, genetic research, fencing, and signage. These valuable projects will assist RCHCA and other land managers to demonstrate recovery and sustainability of the species. Agreements and task plans will be presented to the RCHCA Board for review and approval when drafted.

Department of Waste Easement Project

Some of the biggest challenges facing the environmental community is finding a balance between conservation and urban development and the funding to support it. As mitigation habitat lands becomes scarcer in Riverside County agencies are seeking new lands to count towards mitigation requirements for projects. RCHCA is unique in that the grassland habitat set aside for SKR is funded by SKR mitigation fees which cannot be used for purposes other than in support of SKR. However, these lands are rich in other species and habitat types that are attractive to other projects and could potentially be used to offset some of the mitigation requirements.

RCHCA works under contract to conduct Multi-Species Habitat Conservation Plan compliance surveys for the Riverside County Department of Waste Resources for a future expansion of the landfill. They are required to mitigate approximately 12 acres of impacts to riparian habitat offsite for impacts during construction of the expansion. Waste Resources also anticipate needing additional mitigation for future projects. RCHCA has riparian habitat that it does not manage but would greatly benefit from restoration and would be an asset to the overall health of the reserve system.

Waste Resources requested the purchase of a conservation easement over approximately 30.06 acres of riparian habitat. This purchase would generate approximately \$3,000,000 in endowment funds and an administrative fee of 10% – 15%. These funds would be deposited into a non-wasting endowment that would generate interest money to fund future management of the riparian habitat within the Reserve. At current interest rates it is estimated that RCHCA would realize approximately \$40k in revenue annually.

In negotiations of the agreement, the Waste Resources suggested that the Riverside-Corona Resource Conservation District (RCRCD), a 3rd party, should hold the conservation easement. RCRCD will act as the easement compliance monitor and, under a separate endowment, monitor the easement areas twice annually and provide a report to the regulatory agencies.

A draft agreement is being circulated with Waste Resources and RCHCA legal counsel. Once completed, it will be presented to the RCHCA Board of Directors for review and approval.

Public Access Plan

RCHCA has jurisdiction and oversight over numerous conservation areas within Western Riverside County, which is intended to provide habitat for SKR. Typically, access to these conservation areas is limited. Staff works to deter unfettered access and the impacts of illegal trespass and dumping activity on our lands.

Staff is working on a plan to provide increased access to designated reserve areas, understanding that any level of increased access should balance the need to maintain the reserves as healthy habitat for SKR with the ability to accommodate residents' desire for outdoor recreation.

Staff identified the Steele Peak Reserve, located in the Good Hope area of the City of Perris, in unincorporated Riverside County. RCHCA owns 250 acres of conserved lands for the SKR in this Reserve area. This Reserve was chosen because of its proximity to other conservation areas overseen by other agencies as well, and is solely owned by RCHCA.

SKR Advocacy Efforts

There are three major category listings for animals and plants under the Endangered Species Act. SKR is listed at the highest level – Endangered. Delisting of an endangered species occurs when a species is considered “recovered” from the critical levels that lead to that species’ listing as Endangered with population numbers and low level of threats to maintaining or increasing populations in the future. RCHCA continues to work with the USFWS to discuss the status of SKR and to outline the next steps moving forward with the process for downlisting species. RCHCA is pursuing downlisting of SKR because it demonstrates success of the SKR Habitat Conservation efforts completed in Western Riverside County and would align the federal listing with the state listing for SKR.

Due to these and many other successful efforts of RCHCA, in 2018, USFWS scheduled SKR for a 5-year Species Status Review; RCHCA is currently on trend for potential downlisting in the 2019/2020 cycle. Staff recognize that, while downlisting is an important milestone in the efforts of SKR conservation, it does not change the objectives for RCHCA. Staff will continue to demonstrate species recovery and manage the conserved lands in perpetuity.

In October 2019, the RCHCA Board Chairman Michael Vargas and Board member Lesa Sobek, along with RCHCA staff, will attend meetings in D.C. and Sacramento to meet with members of Congress and officials from the Wildlife Agencies to provide updates on RCHCA activities and discuss their progress on the SKR Status Review. This will be an ongoing process. For more information on the Federal Register Listing, please visit <https://www.govinfo.gov/content/pkg/FR-2018-06-18/pdf/2018-12974.pdf#page=1>

Educational Outreach

Environmental education connects us to the world around us. RCHCA staff understands the importance of teaching future generations about our natural environment and seeks to raise awareness of issues impacting the environment as well as actions we can take to improve and sustain it.

Staff received requests early for the 2019 Celebrating Endangered Species events. Students from Corona, Riverside, Hemet, Lake Elsinore, Jurupa, Perris, and Menifee School Districts will attend. The dates are September 24 & 25, 2019, at the Lake Skinner Reserve in Winchester, and October 15 – 17, 2019, at the Sycamore Canyon Reserve.

To see a video of the past event please visit <http://wrcog.us/DocumentCenter/View/6005/ESA-day-video-2019>.

Prior Action:

None.

Fiscal Impact:

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

Attachment:

None.

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Western Riverside Council of Governments

Technical Advisory Committee

Staff Report

Subject: Western Riverside Energy Partnership Program Activities Update

Contact: Anthony Segura, Staff Analyst, asegura@wrcog.us, (951) 405-6733

Date: July 18, 2019

The purpose of this item is to provide information on the recent 2019 SEEC Forum and Western Riverside Energy Partnership's program extension with SoCal Gas for 2020.

Requested Action:

1. Receive and file.

The Western Riverside Energy Partnership (WREP) responds to Executive Committee direction for WRCOG, SCE, and SoCal Gas to seek ways to improve marketing and outreach to the WRCOG subregion regarding energy efficiency. WREP is designed to help local governments set an example for their communities to increase energy efficiency, reduce greenhouse gas emissions, increase renewable energy usage, and improve air quality.

2019 SEEC Forum

The 10th Annual Statewide Energy Efficiency Forum (SEEC) was held in Long Beach on June 26 – 27, 2019, at the Westin Long Beach. This year's event was offered at no-cost to local government staff and officials and featured updates from key state agencies that highlighted innovative local energy and sustainability approaches / projects. The theme of this year's forum was "Transforming Energy Efficiency: Bridging Opportunity and Community Need" and was aimed at providing learning, sharing, and networking opportunities to assist local governments save energy, reduce greenhouse gas emissions in their communities, and learn about new technologies for the field of sustainability.

The breakout sessions were developed by subject matter and provided attendees an opportunity to participate in accordance with their skill / knowledge level.

The plenary sessions included speakers from Southern California Edison (SCE), Southern California Gas Company (SoCal Gas), California Public Utilities Commission, California Energy Commission, Local Government Commission, California Green Business Network, Strategic Growth Council, Natural Resources Defense Council, Center for Sustainable Energy, County of Ventura, and the Association of Bay Area Governments / Metropolitan Transportation Commission to talk about the State of California's energy supply, climate goals, individual jurisdictional initiatives that can be replicated, and regulatory framework (i.e., what's working and what's not).

The subject matter and forum tracks included:

- The Future Decarbonization of California's Energy: Forum attendees heard from SCE and SoCal Gas on their vision of expanding clean energy choices to the state. SCE is working to make cleaner energy options easier and more affordable for building through the adoption of electric heat pumps as there are

recent case studies supporting heat pumps to be a more cost-effective way to reduce emissions in buildings. In addition to this new technology for buildings, SCE is working on advancing its grid to support its customers through energy storage, electric vehicles, solar, demand response, and energy efficiency. While SoCal Gas is looking at renewable natural gas and renewable energy storage as a potential solution to help meet the states greenhouse gas goals.

- **Regional Energy Networks (RENs) – Lessons Learned and the Future of Energy Efficiency:** The focus of this forum track was to provide attendees updates on the REN vision and how its programs are leveraged to meet community needs / addressing climate change. RENs are seen as the future of energy programs as they are addressing the gaps in the energy efficiency market place and serve residential business and public sector customers which have been traditionally underserved. Attendees learned about how the three active RENs were first formed, what programs they are currently offering to its members, and its vision of having new RENs join in the role of providing programs to customers in the state.
- **Legacy of Local Government Partnerships (LGPs):** Attendees were able to participate and engage in this session which highlighted the success that LGPs have achieved since its inception in the early 2000s. Speakers from the County of Ventura, Redwood Coast Energy Authority, Port of San Diego, and the San Joaquin Valley Clean Energy Organization talked about how local governments became leaders through their innovative planning and support to cities its residents / businesses within the field of energy efficiency. Energy support through projects and community outreach provided valuable resources to the communities which led to project installations such as LED lighting retrofits, pool heater replacements, and HVAC upgrades. which helped to pave the way towards electric / gas savings.

For more information on specific sessions or topics, please contact WRCOG staff. The presentations are posted on the [Local Government Commissions](#) website.

SoCal Gas Partnership Extension into 2020

Over the past year, the future of LGPs has somewhat been unknown due to program structural changes that the Investor Owned Utilities (IOUs) have been implementing. These changes have come in the form of budget cuts and/or elimination of programs and for some IOUs within the state, there already have been ongoing communications to LGPs that the IOUs will not be renewing Partnership contracts into 2020.

In June 2019, SoCal Gas informed WRCOG that it would like to continue its LGP with WRCOG through 2020. It is still uncertain at this point if SCE will follow the same path as SoCal Gas, but WRCOG would like to work with its currently enrolled WREP members, as well as those who are not enrolled with WREP, by providing an all gas energy partnership through 2020. This energy partnership will consist of SoCal Gas, WRCOG, and member agencies that will focus on gas-related projects, community outreach support, benchmarking, and new pilot programs that SoCal Gas will offer such as its School Energy Efficiency Program (SEEP).

Staff are currently engaging with enrolled and non-enrolled WREP members to begin communicating what an all gas partnership would look like and the potential projects that can be implemented through the collaboration with SoCal Gas.

Prior Action:

None.

Fiscal Impact:

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

Attachment:

None.



Western Riverside Council of Governments Technical Advisory Committee

Staff Report

Subject: Second Amendment to Professional Services Agreement with Kearns and West, Inc., for On-Call Planning Professional Services for Member Jurisdictions

Contact: Kyle Rodriguez, Staff Analyst, krodriguez@wrcog.us, (951) 405-6721

Date: July 18, 2019

The purpose of this item is to seek a recommendation for the Executive Committee to approve an Amendment to the existing Professional Services Agreement for On-Call Planning Services with Kearns and West, Inc. to assist with WRCOG's Clean Cities Program.

Requested Action:

1. Recommend that the Executive Committee approve the Second Amendment to the Professional Services Agreement between WRCOG and Kearns and West, Inc., to provide WRCOG planning support and advisory services in an amount not to exceed \$60,925 for WRCOG Clean Cities Program, taking the amended contract in a not to exceed amount of \$219,485 in total, and to extend the term of the Agreement through June 30, 2020.

Background

The need for WRCOG on-call planning activities have become evident as WRCOG receives requests from member agencies for assistance in a variety of disciplines related to jurisdictions' planning efforts. WRCOG identified disciplines to provide direct assistance to its member agencies. WRCOG has utilized some of the qualified firms / teams for on-call planning activities to assist member agencies and WRCOG.

In July 2017, the Administration & Finance Committee received a report on the selection of a number of qualified consulting firms / teams for WRCOG on-call planning activities. Shortly after, WRCOG executed Professional Services Agreements with the qualified firms / teams.

Per WRCOG policy, the Executive Director has a Single Signature Authority for contracts up to \$100,000. contracts between \$100,001 and \$200,000 are to be approved by the Administration & Finance Committee, and contracts amounting to greater than \$200,000 are to be approved by the Executive Committee.

On-Call Planning Professional Services – Amendment to Kearns and West, Inc., Agreement

WRCOG entered into an Agreement for On-Call Professional Services with Kearns and West in August 2017. This Agreement incorporated duties in the Clean Cities Coalition discipline for On-Call Planning Services. WRCOG conducts the coordinator duties for the Western Riverside County Clean Cities Coalition that provides outreach on alternative fuel vehicles to Coalition members and the general public. The Coalition is increasing its activities and trying to bring more value to its members with increased services for alternative fuel vehicles in the subregion in order to capitalize on the upcoming increases in funding. Namely, a mapping tool to analyze alternative fueling infrastructure and vehicles is being developed and will be a task that requires more attention in order to obtain valuable data from members. Additionally, Clean Cities will be hosting the SoCal AltCar Expo, an alternative fuel vehicle expo, conference, and ride-and-drive for member agencies and

community members to learn about alternative fuel best practices, technologies, and to test various alternative fuel technologies (lawn and construction equipment, vehicles, etc.). Kearns and West, Inc. is assisting WRCOG to take on some of these tasks in order for WRCOG to better provide services to the Coalition members.

In June 2018, the Executive Committee received a report requesting approval of an Amendment to the existing Professional Services Agreement for On-Call Planning Services with Kearns and West, Inc. The First Amendment to the Professional Services Agreement provided WRCOG planning support and advisory services in an amount not to exceed \$50,000 and \$145,560 in total, and extended the term of the Agreement through June 30, 2019.

Kearns and West, Inc. has also provided WRCOG staff support assistance with content, topics, and presentations for Committee meetings. In order to allow Kearns and West to continue to be on-call to provide WRCOG assistance as it relates to project management of projects and studies, WRCOG will be undertaking the Staff Support discipline; the contract amount is increasing to an amount not to exceed \$60,925.

Prior Action:

July 10, 2019: The Administration & Finance Committee recommended the Executive Committee approve the Second Amendment to the Professional Services Agreement between WRCOG and Kearns and West, Inc., to provide WRCOG planning support and advisory services in an amount not to exceed \$60,925 for WRCOG Clean Cities Program, taking the amended contract in an not to exceed amount of \$219,485 in total, and to extend the term of the Agreement through June 30, 2020.

Fiscal Impact:

Expenditures for On-Call Engineering Services are included in the Fiscal Year 2019/2020 Agency Budget under the Energy & Environmental Department.

Attachment:

1. Second Amendment to the Professional Services Agreement between WRCOG and Kearns and West, Inc.

Item 7.E

Second Amendment to Professional Services Agreement with Kearns and West, Inc., for On-Call Planning Professional Services for Member Jurisdictions

Attachment 1

Second Amendment to the Professional Services Agreement between WRCOG and Kearns and West, Inc.

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**SECOND AMENDMENT TO
PROFESSIONAL SERVICES AGREEMENT
BETWEEN
WESTERN RIVERSIDE COUNCIL OF GOVERNMENTS
AND
KEARNS AND WEST, INC.**

1. PARTIES AND DATE.

This Second Amendment is made and entered into this 1st day of July, 2019, by and between the Western Riverside Council of Governments, a California public agency ("WRCOG"), and Kearns and West, Inc., a Massachusetts corporation ("Consultant"). WRCOG and Consultant are sometimes individually referred to as "Party" and collectively as "Parties."

2. RECITALS.

2.1 Master Agreement.

WRCOG and Consultant have entered into that certain Professional Services Agreement dated August 11, 2017 ("Master Agreement").

2.2 First Amendment.

WRCOG and Consultant have entered into that certain First Amendment dated June 30, 2018, for the purpose of extending the term of the Master Agreement and providing additional compensation for professional services, on an on-call basis.

2.3 Second Amendment.

WRCOG and Consultant desire to enter into this Second Amendment for the purposes extending the term of the Master Agreement and providing additional compensation for professional services, on an on-call basis ("Services").

3. TERMS.

3.1 Term.

The term of the Master Agreement shall be amended to extend the term to June 30, 2020, (the "Second Extended Term"), unless earlier terminated as provided in the Master Agreement.

3.2 Additional Compensation.

The maximum compensation for Services performed under this Second Amendment shall not exceed Sixty Thousand Nine Hundred Twenty-Five Dollars (\$60,925) without written approval of WRCOG's Executive Director. The Task Order for the Master Agreement shall be amended to provide for additional services, as more particularly described in the Task Order attached to this Amendment as Attachment 1. Work shall be performed in manner that is consistent with the Scope of Services and Compensation set forth in Exhibit "A", respectively, to the Master

Agreement. **No Services shall be performed unless authorized by a fully executed Task Order.**

The total not-to-exceed value of this Second Amendment shall be increased from One Hundred Forty-Five Thousand Five Hundred Sixty Dollars (\$145,560) to Two Hundred Six Thousand Dollars Four Hundred Eighty-Five Dollars (\$206,485).

3.3 Continuation of Existing Provisions.

Except as amended by this Second Amendment, all provisions of the Master 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 Second Amendment.

3.4 Counterparts.

This Second Amendment may be executed in duplicate originals, each of which is deemed to be an original, but when taken together shall constitute one instrument.

[Signature on following page]

IN WITNESS WHEREOF, the Parties hereto have made and executed this Second Amendment as of the date first written above.

WRCOG

WESTERN RIVERSIDE COUNCIL
OF GOVERNMENTS

By: _____
Rick Bishop
Executive Director

CONSULTANT

KEARNS AND WEST, INC.,
a Massachusetts corporation

By: _____
Taylor York
Senior Associate

Approved to Form:

By: _____
Steven C. DeBaun
General Counsel

**“Exhibit A”
Scope of Work**

Kearns & West

**Monthly Task Breakdown and Budget - Clean Cities Coalition Facilitation July 1, 2019
– June 30, 2020**

Fee not to exceed: \$60,925

Labor: \$59,100

ODCs: \$1,825

Note: Costs are estimates and may differ depending on actual monthly scope. ODCs include travel and lodging costs for ACT Expo and the Clean Cities National Workshop.

July 2019 - \$5,700

- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Assistance with preparation of quarterly reports and mid-year sub task reporting.
- Assistance with preparation for and facilitation of Clean Cities Coalition meeting, including review of preparation of materials.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular checkin call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate

August 2019 - \$7,000

ODCs for National Meeting - \$500 (Flight – Ontario to Salt Lake City), \$500 (Lodging)

- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular checkin call with WRCOG staff.
- Participate in networking and Coalition building and strategy activities as appropriate • Attend and provide EEMS presentation at Clean Cities Coordinator National Workshop.

September 2019 - \$5,000

- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Assistance with planning, attending, and facilitating National Drive Electric Week event.

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- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular checkin call with WRCOG staff.
- Participate in networking and Coalition building and strategy activities as appropriate

October 2019 - \$5,000

- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Attendance and assist with facilitation and logistics for Southern California Alt Car Expo.
- Coalition Meeting preparation and facilitation.
- Assist with preparation for Technology Focus Group (Task 3.1) preparation and facilitation
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular checkin call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate

November 2018 - \$4,700

- Participate in networking and Coalition building and strategy activities as appropriate
- Technology Focus Group (Sub-Task 3.1) prep and facilitation.
- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Assist with planning and facilitating Technology Focus Group for Subtask.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate

December 2019 - \$2,000

- Participate in networking and Coalition building and strategy activities as appropriate.
- Assist with planning and facilitating Technology Focus Group for Subtask.
- Assist with collection of data for Coalition Annual Report.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.

- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate

January 2020 - \$2,500

- Assist with collection of data for Coalition Annual Report.
- Assist with preparation and submittal of Coalition Reporting.
- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate

February 2020 - \$5,500

- Assist with collection of data for Coalition Annual Report.
- Assist with preparation and submittal of Coalition Reporting.
- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate.

March 2020 - \$5,700

- Assist with collection of data for Coalition Annual Report.
- Assist with preparation and submittal of Coalition Reporting.
- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Assistance with preparation and submittal of Quarterly Alternative Fuel Price Report.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.

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- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate

April 2020 - \$5,000

- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate.

May 2020 - \$6,000

ODCs for ACT Expo - \$325 (Registration), \$500 (Lodging)

- Attend ACT Expo in Long Beach, including attendance at California Region annual meeting, assistance with staffing Clean Cities booth in expo, and networking with industry stakeholders to increase Coalition visibility and resources.
- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.
- Participate in networking and Coalition building and strategy activities as appropriate.

June 2020 - \$5,000

- Assist with preparation and submittal of Coalition Reporting
- Assistance with planning Southern California AltCar Expo, including attendance at planning meeting.
- Conduct activities related to GIS planning tool, including applications and updates.
- Track webinar and resource opportunities and forward to WRCOG staff and members as appropriate.
- Assist with tracking AFV funding.
- Participate in monthly California Region call.
- Participate in regular check in call with WRCOG staff.
- Assistance with preparation and submission of the Quarterly Alternative Fuel Price Report.
- Participate in networking and Coalition building and strategy activities as appropriate.

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Western Riverside Council of Governments

Technical Advisory Committee

Staff Report

Subject: Proposed TUMF Exemption – Transitional Housing for the Homeless

Contact: Christopher Gray, Director of Transportation & Planning, cgray@wrcog.us, (951) 405-6710

Date: July 18, 2019

The purpose of this item is to request a revision to the TUMF Administrative Plan to exempt specially built homes intended to serve the homeless population.

Requested Action:

1. Recommend that the Executive Committee approve the proposed TUMF exemption for specially built homes that serve as transitional housing for homeless individuals or families.

WRCOG's Transportation Uniform Mitigation Fee (TUMF) Program is a regional fee program designed to provide transportation and transit infrastructure that mitigates the impact of new growth in Western Riverside County. The Administrative Plan includes basic program guidelines, including a section that outlines exemptions from TUMF. Questions or issues periodically arise that, when resolved, result in a revision to the Administrative Plan.

Background

WRCOG staff received an inquiry from a member agency regarding discounting or specifically exempting construction of transitional housing projects aimed at providing short-term shelter for homeless individuals or families to facilitate their transition to stable housing.

The 2018 County of Riverside Homeless Count and Survey showed that 10 of WRCOG's member agencies had increases in their unsheltered homeless count. Several initiatives are being pursued throughout the region to address homelessness, and WRCOG staff recommends an exemption for transitional housing in support of these regional efforts. Additionally, trip generation rates from transitional housing are lower than the rates for standard single-family or multi-family developments; therefore, these project types have a lower impact on the TUMF Network.

Example Project

The Grove Church in the City of Riverside proposed in June of 2018 to construct four small self-contained cottages, the Grove Village, on an area of its campus previously developed as two volleyball courts. The Grove agreed to restrict the four units for five years as housing first units that will assist persons experiencing homelessness and only need assistance until permanent housing can be found. Residents of the cottages will sign an agreement with the Grove agreeing to terms and conditions aimed at facilitating the transition to stable housing. This project was completed in December of 2018 and thus far has housed five to ten people transitioning from homelessness.

The Grove Village cottages and supportive service component are operated by a third-party service provided

with support from the Grove as well as other nonprofit organizations and public agencies. Case managers coordinate on- and off-site supportive services based on an assessment of the client's individual needs. In exchange for receiving shelter and supportive services, clients are required to commit to transitioning to permanent housing and stable employment during the course of their 6- to 24-month stay.

Definition of Transitional Housing: The California Health and Safety Code Section 50801 defines transitional housing to alleviate homelessness and facilitate transition to stable housing as:

Housing with supportive services for up to 24 months that is exclusively designated and targeted for recently homeless persons. Transitional housing includes self-sufficiency development services, with the ultimate goal of moving recently homeless persons to permanent housing as quickly as possible, and limits rents and service fees to an ability-to-pay formula reasonably consistent with the United States Department of Housing and Urban Development's requirements for subsidized housing for low-income persons. Rents and service fees paid for transitional housing may be reserved, in whole or in part, to assist residents in moving to permanent housing.

Also, Health and Safety Code 50675.2 defines transitional housing more generally as:

"Transitional housing" and "transitional housing development" means buildings configured as rental housing developments but operated under program requirements that call for the termination of assistance and recirculation of the assisted unit to another eligible program recipient at some predetermined future point in time, which shall be no less than six months.

Staff propose adding the definition of "transitional housing" from Health and Safety Code Section 50801 to the TUMF Administrative Plan Exhibit "D" TUMF Program Definitions.

Likewise, staff proposes adding language to the exemption for low income residential housing in Exhibit "E"s of the TUMF Administrative Plan, TUMF Program Exemptions, to explicitly include transitional housing as follows (additional text shown in underline):

1. Low income residential housing and transitional housing to serve the homeless population as defined in Exhibit E, Section G of the Administrative Plan.

Staff is in support of providing an exemption for transitional housing since these projects will help alleviate the region's homelessness problem. Additionally, trip generation rates from transitional housing are likely lower than those associated with a typical single-family or multi-family residence.

Prior Action:

June 13, 2019: The Public Works Committee recommended that the Executive Committee approve the proposed TUMF exemption for specially built homes that serve as transitional housing for homeless individuals or families.

Fiscal Impact:

Revenue loss of \$8,873 per single-family transitional housing unit or \$6,134 per multi-family transitional housing unit constructed and exempted from TUMF. Due to the restrictions on transitional housing units and the limited financial gain of these project types, it is not anticipated that a significant number of such units would be constructed.

Attachment:

None.



Western Riverside Council of Governments Technical Advisory Committee

Staff Report

Subject: International City / County Management Association Activities Update

Contact: AJ Wilson, California Senior Advisor, ajwcm@aol.com, (760) 723-8623

Date: July 18, 2019

The purpose of this item is to provide the Committee with an update of International City / County Management Association (ICMA) activities.

Requested Action:

1. Receive and file.

ICMA

Training Opportunities Offered by ICMA: ICMA continues to expand the opportunities for professional training both for members and for their organizations. A major portion of these opportunities have been developed through the Coaching Program which was created by the California Affiliate, CALICMA, and now made available across the country.

Of importance as well as the training itself is the fact that it is provided free of charge. A regular schedule of webinars is available; all past webinars are saved for your or your organizations use. Also included is participation in the Coaching Program, the Talent Initiative, and the ICMA bookstore, which offers a number of e-books free of charge. Subjects include Council Manager Relations and Ethics,

Participation in the newly established social media platform is encouraged, which has been created on the ICMA website as a tool for gaining ideas from City and County Managers all across the country. Participation is free of charge and only requires you to register.

Annual Conference: This year's annual conference will be held in Nashville, Tennessee, October 20 – 23, 2019. Registration and access to hotel reservations opened on June 26, 2019, at <https://icma.org/2019-icma-annual-conference>.

Membership in ICMA: Membership packages were sent to those who either have been a member before and allowed it to lapse or who have indicated some interest in membership. Please review the materials and call Mr. Wilson with any questions.

Senior Advisor Support

As your Senior Advisor, Mr. Wilson is available for personal discussions, resource identification, and general briefings for your employees who may be ICMA members or MMASC members. Please contact Mr. Wilson at (714) 323-9116 or ajwcm@aol.com.

Prior Action:

May 16, 2019: The Technical Advisory Committee received and filed.

Fiscal Impact:

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

Attachment:

None.



Western Riverside Council of Governments Technical Advisory Committee

Staff Report

Subject: Report from the League of California Cities

Contact: Erin Sasse, Regional Public Affairs Manager, League of California Cities,
esasse@cacities.org, (951) 321-0771

Date: July 18, 2019

The purpose of this item is to provide an update of activities undertaken by the League of California Cities.

Requested Action:

1. Receive and file.

This item is reserved for a presentation from the League of California Cities Regional Public Affairs Manager for Riverside County.

Prior Action:

June 21, 2019: The Executive Committee received and filed.

Fiscal Impact:

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

Attachment:

None.

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Western Riverside Council of Governments Technical Advisory Committee

Staff Report

Subject: Regional Water Supply Update

Contacts: Paul Jones, General Manager, Eastern Municipal Water District, jonesp@emwd.org, (951) 928-6130

Craig Miller, General Manager, Western Municipal Water District, cmiller@wmwd.com, (951) 571-7282

Date: July 18, 2019

The purpose of this item is to inform the Committee of activities undertaken by the two regional water districts to address statewide and regional water supply issues.

Requested Action:

1. Receive and file.

This item is reserved for a joint presentation from the General Managers of Eastern Municipal Water District and Western Municipal Water District.

Prior Action:

None.

Fiscal Impact:

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

Attachment:

None.

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Western Riverside Council of Governments

Technical Advisory Committee

Staff Report

Subject: Update on the Experience Subregional Innovation Center

Contact: Christopher Gray, Director of Transportation & Planning, cgray@wrcog.us, (951) 405-6710

Date: July 18, 2019

The purpose of this item is to provide an update on recent work related to the Experience Subregional Innovation Center.

Requested Action:

1. Receive and File.

Background

Western Riverside County is one of the fastest growing subregions in the State of California and the United States. In 2012 WRCOG's leadership identified six interrelated components critically important to achieving a premier quality of life in Western Riverside County and incorporated these into the WRCOG Economic Development & Sustainability Framework, which serves as a guide to grow strategically and achieve a vibrant and livable community. The six Framework goal areas pertain to: 1) Economic Development; 2) Water and Wastewater; 3) Education; 4) Health; 5) Transportation; and 6) Energy and the Environment.

In 2016, staff introduced the concept of Experience, envisioned as a vibrant, regional center with a variety of visitor attractions that could also serve as a sustainability demonstration center, innovation hub, business incubator, and more. Experience would borrow inspiration from similar concepts from across the globe including, but not limited to, the Los Angeles Cleantech Incubator (LACI) in Los Angeles, the Frontier Project in Rancho Cucamonga, the Southern California Edison Energy Education Center in Irwindale, and Alegria Farms in Irvine.

Feasibility Analysis and Recommended Actions

In December 2018, the Executive Committee took action to approve the findings of the Feasibility Analysis, selected the City of Riverside as the preferred Experience host, and directed staff to move forward with the next phase of Experience development, including retaining a consultant to lead the next phase of work, including program and fund development, and entering into a Memorandum of Understanding (MOU) with the City of Riverside to clarify the responsibilities of each agency.

Consultant Selection: Following completion of the Feasibility Analysis, WRCOG sought out prospective consultants to lead the next phase of Experience development. Staff conferred with contacts at the Los Angeles Cleantech Incubator (LACI), which was identified as a strong model for Experience development through the Feasibility Analysis Process. LACI staff referred WRCOG to Fred Walti, who founded LACI and served as CEO for the first six years of LACI operation, and has worked on similar concepts throughout the United States and across the globe. Mr. Walti was complementary of the Experience Feasibility Analysis and, after touring the City of Riverside and meeting with WRCOG and City staff, agreed to lead Experience through the next phase of development through his company, NGIN. The project will also be supported by Tom White,

former Executive Director of the LACI University Incubator, LACI at California State University Northridge. In June of 2019, a contract was executed with NGIN to lead this effort following approval from the WRCOG Executive Committee.

Recent Work Efforts: NGIN staff held a kick-off meeting with WRCOG and the City of Riverside to discuss the overall project effort and begin the stakeholder interview/outreach process. To date, NGIN staff has met or will be meeting shortly with the following persons and organizations:

- Riverside County Supervisor, Karen Spiegel
- Riverside County Economic Development Authority (EDA)
- City of Riverside Mayor, Rusty Bailey
- City of Riverside Assistant City Manager & staff
- University of California, Riverside (UCR) staff

NGIN staff also toured the Excite Facility, which is a technology incubator and accelerator jointly operated by the City of Riverside, Riverside EDA, and UCR.

NGIN staff has also focused developing the programmatic elements of Experience, primarily focusing on ways in which the public sector and private sector can partner to encourage local entrepreneurs. NGIN staff will be providing an update on these programmatic elements and talking about the benefits of this type of program. This presentation is based on NGIN's experience working on LACI as well as other facilities throughout the United States and other countries as well.

Prior Actions:

- June 3, 2019:** The Executive Committee authorized the Executive Director to enter into a Professional Services Agreement between the Western Riverside Council of Governments and Network for Global Innovation to lead Phase II development of Experience subregional innovation center.
- May 16, 2019:** The Technical Advisory Committee recommended the Executive Director to enter into a Professional Services Agreement between the Western Riverside Council of Governments and Network for Global Innovation to lead Phase II development of Experience subregional innovation center.
- May 8, 2019:** The Administration & Finance Committee recommended the Executive Director to enter into a Professional Services Agreement between the Western Riverside Council of Governments and Network for Global Innovation to lead Phase II development of Experience subregional innovation center.
- October 18, 2018:** The Technical Advisory Committee received and filed.
- December 3, 2018:** The Executive Committee 1) accepted the Experience Feasibility Analysis as to form; 2) authorized staff to proceed with the next phase regarding the implementation of the Experience Center; 3) selected the City of Riverside as the host jurisdiction; 4) directed staff to negotiate a MOU with the City of Riverside to implement the Experience Center; 5) directed staff to include a cost sharing mechanism in the MOU to limit future WRCOG expenditures to share staffing costs to support Experience; 6) directed staff to include specific milestones for the development and implementation of the MOU, including deadlines related to funding commitment and site selection; and 7) appointed two members to represent WRCOG in negotiating an MOU with the City of Riverside.

Fiscal Impact:

Additional expenditures for Experience will be covered by unspent BEYOND project funds and programmed into the Fiscal Year 2019/2020 Agency Budget.

Attachment:

None.

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Western Riverside Council of Governments Technical Advisory Committee

Staff Report

Subject: 2019 TUMF Construction Cost Index Adjustment

Contact: Christopher Gray, Director of Transportation & Planning, cgray@wrcog.us, (951) 405-6710

Date: July 18, 2019

The purpose of this item is to request a recommendation regarding the Construction Cost Index (CCI) adjustment to the TUMF schedule.

Requested Action:

1. Consider the recommendation on CCI provided by the Public Works Committee and provide a recommendation to the Executive Committee for consideration in August.

WRCOG's Transportation Uniform Mitigation Fee (TUMF) Program is a regional fee program designed to provide transportation and transit infrastructure that mitigates the impact of new growth in Western Riverside County. Each of WRCOG's member jurisdictions and the March JPA participates in the Program through an adopted ordinance, collects fees from new development, and remits the fees to WRCOG. WRCOG, as administrator of the TUMF Program, allocates TUMF to the Riverside County Transportation Commission (RCTC), groupings of jurisdictions – referred to as TUMF Zones – based on the amounts of fees collected in these groups, the Western Riverside County Regional Conservation Authority (RCA) and the Riverside Transit Agency (RTA).

Background

Staff is required to bring annual Construction Cost Index (CCI) adjustment information through the WRCOG Committee structure for discussion and recommendation for final consideration by the Executive Committee. The CCI is an administrative element of the TUMF Program and is intended to keep the dollar value of the TUMF Program whole. In recent years, the Executive Committee has not approved a CCI adjustment to the TUMF.

Proposed CCI Adjustment to the Existing TUMF

Since the adoption of the 2016 TUMF Nexus Study, construction, labor, and land costs have demonstrated an increasing trend. Factors contributing to a potential increase in the CCI include tariffs and the rebounding economy placing competition on transportation construction from other sectors for materials and labor. This is intended to demonstrate the rising costs of transportation improvements in the state, including a handful of interchange projects that are currently underway in the WRCOG subregion.

The table below documents the current TUMF fee schedule, the TUMF fee schedule included in the 2016 Nexus Study, and the proposed CCI adjustment. WRCOG is required, per the TUMF Administrative Plan, to present a proposed CCI adjustment for consideration by the Executive Committee each year after the approval of the Nexus Study. Any CCI adjustment that is approved by the Executive Committee would require the adoption of a new TUMF Ordinance by member agencies in the summer / fall of 2019.

Land Use Type	Units	2016 Nexus Study TUMF	Current TUMF	CCI Adjustment
Single-Family Residential	DU	\$ 9,418	\$ 9,146	\$ 9,810
Multi-Family Residential	DU	\$ 6,134	\$ 6,134	\$ 6,389
Retail	SF	\$ 12.31	\$ 7.50	\$ 13.01
Service	SF	\$ 4.56	\$ 4.56	\$ 4.75
Industrial	SF	\$ 1.77	\$ 1.77	\$ 1.81

Staff would note that during the 2016 Nexus Study update process the Executive Committee approved a reduction to the TUMF retail land use fee in response to comments from stakeholders regarding retail developments in Western Riverside County. The Fee Analysis Study completed by WRCOG in 2017, and updated in 2019, confirmed that, on average, the impact fee costs to develop a retail project is higher in Western Riverside County than in surrounding areas.

Additionally, as part of the adoption of the 2016 Nexus Study, the Executive Committee approved a two-year freeze, followed by a two-year phase-in, to the single-family residential fee. The first portion of the phase-in will be implemented July 1, 2019. Staff has reviewed the TUMF collections made since the 2016 Nexus Study fee schedule took effect and has estimated that approximately \$4 million in TUMF has not been collected as a result of the single-family residential freeze.

At its May 9, 2019, meeting, the Public Works Committee directed staff to develop options for implementation of an adopted CCI. Staff has prepared the following options:

Option 1: Implement CCI with 2016 Nexus Study actions (maintain retail reduction and continued phase-in for single-family residential):

Land Use Type	Units	2016 Nexus Study TUMF	Current TUMF	January 1, 2019 TUMF (with CCI)	July 1, 2020 TUMF (with CCI)
Single-Family Residential	DU	\$ 9,418	\$ 9,146	\$ 9,478	\$ 9,810
Multi-Family Residential	DU	\$ 6,134	\$ 6,134	\$ 6,389	\$ 6,389
Retail	SF	\$ 12.31	\$ 7.50	\$ 7.50	\$ 7.50
Service	SF	\$ 4.56	\$ 4.56	\$ 4.75	\$ 4.75
Industrial	SF	\$ 1.77	\$ 1.77	\$ 1.81	\$ 1.81

Option 2: Implement CCI and maintain the retail reduction:

Land Use Type	Units	2016 Nexus Study TUMF	Current TUMF	January 1, 2019 TUMF (with CCI)
Single-Family Residential	DU	\$ 9,418	\$ 9,146	\$ 9,810
Multi-Family Residential	DU	\$ 6,134	\$ 6,134	\$ 6,389

Retail	SF	\$ 12.31	\$ 7.50	\$ 7.50
Service	SF	\$ 4.56	\$ 4.56	\$ 4.75
Industrial	SF	\$ 1.77	\$ 1.77	\$ 1.81

Option 3: Implement 50% of CCI and maintain the retail reduction:

Land Use Type	Units	2016 Nexus Study TUMF	Current TUMF	January 1, 2019 TUMF (with CCI)
Single-Family Residential	DU	\$ 9,418	\$ 9,146	\$ 9,478
Multi-Family Residential	DU	\$ 6,134	\$ 6,134	\$ 6,262
Retail	SF	\$ 12.31	\$ 7.50	\$ 7.50
Service	SF	\$ 4.56	\$ 4.56	\$ 4.66
Industrial	SF	\$ 1.77	\$ 1.77	\$ 1.79

At its June 13, 2019, meeting, the Public Works Committee recommended that the Executive Committee implement Option 1, which would maintain the retail fee reduction and phase-in the single-family residential fee over two years.

Staff would note that the CCI adjustment to the TUMF results in an increase for transportation improvements that are included in the 2016 Nexus Study. For reference, the adjusted TUMF Network is included as Attachment 1 to this Staff Report.

Prior Actions:

June 13, 2019: The Public Works Committee recommended that the Executive Committee implement the CCI with the actions approved by the Executive Committee as part of the 2016 Nexus Study in July 2017 (maintain the retail reduction and continue the phase-in for single-family residential).

May 16, 2019: The Technical Advisory Committee received and filed.

May 9, 2019: The Public Works Committee directed staff to return with options for implementation of any approved CCI adjustment.

Fiscal Impact:

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

Attachment:

1. TUMF Network – CCI adjustment.

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Item 8.D

2019 TUMF Construction Cost Index
Adjustment

Attachment 1

TUMF Network – CCI adjustment

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EXHIBIT H-1 TUMF Network Detailed Cost Estimate

Updated: February 25, 2019

AREA	PLAN	CITY	STREET	NAME	SEGMENT	FROM	TO	NETWORK	MILES	EXISTING	LN	FUTURE	LN	INTERCHG	BRIDGE	RR	XING	NEW	LN	COST	ROW	COST	INTCHG	COST	BRDG	COST	RRX	COST	PLNG	ENG	CONTIG	TOTAL COST	MAXIMUM TUMF SHA
Central	Menifee	Ethanac	Goetz	Murrieta	Backbone				0.99	2		2		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Ethanac	Murrieta	I-215	Backbone				0.90	2		2		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Ethanac	I-215	interchange	Backbone				0.00	0		0		3	0	0	0	\$0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$0	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$16,347,000	
Central	Menifee	Ethanac	Sherman	Matthews	Backbone				0.61	2		4		0	0	0	0	\$879,000	\$371,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88,000	\$220,000	\$125,000	\$1,683,000	\$1,683,000	
Central	Menifee	Ethanac	BNSF San Jacinto Branch	railroad crossing	Backbone				0.00	2		4		0	0	1	0	\$0	\$0	\$0	\$0	\$26,444,000	\$2,644,000	\$6,611,000	\$2,644,000	\$38,343,000	\$34,233,000						
Central	Menifee	Menifee	SR-74 (Pinacate)	Simpson	Backbone				2.49	2		2		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Menifee	Soil Creek	bridge	Backbone				0.00	2		2		0	200	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Menifee	Simpson	Aldergate	Backbone				0.64	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Menifee	Aldergate	Newport	Backbone				0.98	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Menifee	Newport	Holland	Backbone				1.07	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Menifee	Holland	Garbani	Backbone				1.03	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Menifee	Garbani	Scott	Backbone				1.00	2		4		0	0	0	0	\$1,431,000	\$605,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$143,000	\$358,000	\$204,000	\$2,741,000	\$2,741,000	
Central	Menifee	Menifee/Whitefoot	Scott	Murrieta City Limit	Backbone				0.53	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Newport	Goetz	Murrieta	Backbone				1.81	6		6		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Newport	Murrieta	I-215	Backbone				2.05	4		6		0	0	0	0	\$2,937,000	\$1,241,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$294,000	\$734,000	\$418,000	\$5,624,000	\$5,624,000	
Central	Menifee	Newport	I-215	Menifee	Backbone				0.95	6		6		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Newport	Menifee	Lindenberger	Backbone				0.77	6		6		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Newport	Lindenberger	SR-79 (Winchester)	Backbone				3.58	6		6		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Scott	I-215	Briggs	Backbone				2.04	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Scott	I-215	interchange	Backbone				0.00	0		0		2	0	0	0	\$0	\$0	\$0	\$0	\$26,498,000	\$0	\$0	\$0	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$38,423,000	
Central	Menifee	Scott	Sunset	Murrieta	Backbone				1.01	2		4		0	0	0	0	\$1,443,000	\$610,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$144,000	\$361,000	\$205,000	\$2,763,000	\$2,763,000	
Central	Menifee	Scott	Murrieta	I-215	Backbone				1.94	2		6		0	0	0	0	\$5,573,000	\$2,355,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$557,000	\$1,393,000	\$793,000	\$10,671,000	\$10,671,000	
Central	Menifee	SR-74	Matthews	Briggs	Backbone				1.89	4		6		0	0	0	0	\$2,714,000	\$1,147,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$271,000	\$679,000	\$386,000	\$5,197,000	\$5,197,000	
Central	Moreno Val	Alessandro	I-215	Perris	Backbone				3.52	4		6		0	0	0	0	\$1,312,000	\$4,376,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$131,000	\$328,000	\$569,000	\$6,716,000	\$6,716,000	
Central	Moreno Val	Alessandro	Perris	Nason	Backbone				2.00	2		6		0	0	0	0	\$4,646,000	\$15,493,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$465,000	\$1,162,000	\$23,780,000	\$23,780,000		
Central	Moreno Val	Alessandro	Nason	Moreno Beach	Backbone				0.99	2		4		0	0	0	0	\$1,421,000	\$4,738,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142,000	\$355,000	\$616,000	\$7,272,000	\$7,272,000	
Central	Moreno Val	Alessandro	Moreno Beach	Gilman Springs	Backbone				4.13	2		4		0	0	0	0	\$5,925,000	\$2,504,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$593,000	\$1,481,000	\$843,000	\$11,346,000	\$11,346,000	
Central	Moreno Val	Gilman Springs	SR-60	Alessandro	Backbone				1.67	2		4		0	0	0	0	\$2,398,000	\$1,013,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,000	\$600,000	\$341,000	\$4,592,000	\$3,877,000	
Central	Moreno Val	Gilman Springs	SR-60	interchange	Backbone				0.00	0		0		3	0	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000	
Central	Moreno Val	Perris	Reche Vista	Ironwood	Backbone				2.09	2		2		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Val	Perris	Ironwood	Sunnymead	Backbone				0.52	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Val	Perris	SR-60	interchange	Backbone				0.00	0		0		3	0	0	0	\$0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$0	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$0	
Central	Moreno Val	Perris	Sunnymead	Cactus	Backbone				2.00	4		4		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Val	Perris	Cactus	Harley Knox	Backbone				3.50	6		6		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Val	Reche Vista	Moreno Valley City Limit	Heacock	Backbone				0.44	2		4		0	0	0	0	\$801,000	\$2,104,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000	\$200,000	\$291,000	\$3,476,000	\$1,791,000	
Central	Perris	11th/Case	Perris	Goetz	Backbone				0.30	2		4		0	0	0	0	\$431,000	\$1,437,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000	\$108,000	\$187,000	\$2,206,000	\$2,206,000	
Central	Perris	Case	Goetz	I-215	Backbone				2.36	2		4		0	0	0	0	\$3,384,000	\$11,286,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,000	\$846,000	\$1,467,000	\$17,321,000	\$14,224,000	
Central	Perris	Case	San Jacinto River	bridge	Backbone				0.00	2		4		0	122	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$805,000	\$0	\$0	\$0	\$81,000	\$201,000	\$81,000	\$1,168,000	\$514,000	
Central	Perris	Ethanac	Keystone	Goetz	Backbone				2.24	0		4		0	0	0	0	\$3,983,000	\$1,683,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$398,000	\$996,000	\$567,000	\$7,627,000	\$7,627,000	
Central	Perris	Ethanac	San Jacinto River	bridge	Backbone				0.00	0		4		400	0	0	0	\$0	\$0	\$0	\$0	\$5,280,000	\$0	\$0	\$0	\$0	\$0	\$528,000	\$1,320,000	\$528,000	\$7,656,000	\$7,656,000	
Central	Perris	Ethanac	I-215	Sherman	Backbone				0.35	2		4		0	0	0	0	\$500,000	\$1,667,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$125,000	\$217,000	\$2,559,000	\$2,044,000	
Central	Perris	Goetz	Case	Ethanac	Backbone				2.00	2		4		0	0	0	0	\$2,863,000	\$1,210,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$286,000	\$716,000	\$407,000	\$5,482,000	\$2,608,000	
Central	Perris	Goetz	San Jacinto River	bridge	Backbone				0.00	2		4		400	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,640,000	\$0	\$0	\$0	\$264,000	\$660,000	\$264,000	\$3,828,000	\$1,999,000	
Central	Perris	Mid-County (Placen	I-215	Perris	Backbone				0.87	0		6		0	0	0	0	\$2,695,000	\$8,986,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$270,000	\$674,000	\$1,168,000	\$13,793,000	\$13,293,000	
Central	Perris	Mid-County (Placen	I-215	interchange	Backbone				0.00	0		0		2	0	0	0	\$0	\$0	\$0	\$0	\$26,498,000	\$0	\$0	\$0	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$12,808,000	
Central	Perris	Mid-County	Perris	Evans	Backbone				1.57	0		6		0	0	0	0	\$6,754,000	\$22,523,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$675,000	\$1,689,000	\$2,928,000	\$34,569,000	\$34,569,000	
Central	Perris	Mid-County	Perris Valley Storm Chann	bridge	Backbone				0.00	0		0		300	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,940,000	\$0	\$0	\$0	\$594,000	\$1,485,000	\$594,000	\$8,613,000	\$8,613,000	
Central	Perris	Perris	Harley Knox	Ramona	Backbone				1.00	6		6		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Perris	Perris	Ramona	Citrus	Backbone				2.49	4		6		0	0	0	0	\$3,576,000	\$1,511,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$358,000	\$894,000	\$509,000	\$6,848,000	\$6,848,000	
Central	Perris	Perris	Citrus	Nuevo	Backbone				0.50	6		6		0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Perris	Perris	11th	Nuevo	Backbone				1.75	2		4		0	0	0	0	\$2,505,000	\$8,355,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$251,000	\$626,000	\$1,086,000	\$12,823,000	\$9,490,000	
Central	Perris	Perris	I-215 overcrossing	bridge	Backbone				0.00	2		4		300	0	0	0																

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EXHIBIT H-1 TUMF Network Detailed Cost Estimate

Updated: February 25, 2019

AREA	PLAN	CITY	STREET/NAME	SEGMENT/FROM	SEGMENT/TO	NETWORK	MILES	EXISTING/LN	FUTURE/LN	INTERCHG	BRIDGE	RRXING	NEW/LN/COST	ROW/COST	INTCHG/COST	BRDG/COST	RRX/COST	PLNG	ENG	CONTIG	TOTAL COST	MAXIMUM TUMF SHARE
Southwest	Temecula	French Valley (Cher Murrieta Creek	bridge	Backbone	0.00	0	4	0	4	0	420	0	\$0	\$0	\$0	\$5,544,000	\$0	\$554,000	\$1,386,000	\$554,000	\$8,038,000	\$8,038,000
Southwest	Temecula	Western Bypass (Dia Cherry	Rancho California	Backbone	2.14	0	4	0	0	0	0	0	\$1,105,000	\$3,684,000	\$0	\$0	\$0	\$111,000	\$276,000	\$479,000	\$5,655,000	\$5,655,000
Southwest	Temecula	Western Bypass (Vin Rancho California	SR-79 (Front)	Backbone	1.48	0	4	0	0	0	0	0	\$6,007,000	\$13,022,000	\$0	\$0	\$0	\$601,000	\$1,502,000	\$1,903,000	\$23,035,000	\$23,035,000
Southwest	Temecula	Western Bypass (Vin I-15	interchange	Backbone	0.00	0	0	2	0	0	0	0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$22,045,000
Southwest	Temecula	Western Bypass (Vin Murrieta Creek	bridge	Backbone	0.00	0	4	0	0	300	0	0	\$0	\$0	\$0	\$3,960,000	\$0	\$396,000	\$990,000	\$396,000	\$5,742,000	\$5,742,000
Southwest	Temecula	SR-79 (Winchester)	Murrieta Hot Springs	Jefferson	2.70	6	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Southwest	Temecula	SR-79 (Winchester)	I-15	interchange	Backbone	0.00	0	0	3	0	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$8,753,000
Southwest	Unincorpora	Benton	SR-79	Eastern Bypass	Backbone	2.40	2	2	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Southwest	Unincorpora	Clinton Keith	Whitewood	SR-79	Backbone	2.54	0	6	0	0	0	0	\$10,927,000	\$4,618,000	\$0	\$0	\$0	\$1,093,000	\$2,732,000	\$1,555,000	\$20,925,000	\$4,425,000
Southwest	Unincorpora	Clinton Keith	Warm Springs Creek	bridge	Backbone	0.00	0	6	0	0	1,200	0	\$0	\$0	\$0	\$23,760,000	\$0	\$2,376,000	\$5,940,000	\$2,376,000	\$34,452,000	\$28,072,000
Southwest	Unincorpora	SR-74	I-15	Ethanac	Backbone	4.89	4	6	0	0	0	0	\$7,482,000	\$2,491,000	\$0	\$0	\$0	\$748,000	\$1,871,000	\$997,000	\$13,589,000	\$13,589,000
Southwest	Unincorpora	SR-79 (Winchester)	Keller	Thompson	Backbone	2.47	4	6	0	0	0	0	\$3,535,000	\$11,789,000	\$0	\$0	\$0	\$354,000	\$884,000	\$1,532,000	\$18,094,000	\$18,094,000
Southwest	Unincorpora	SR-79 (Winchester)	Thompson	La Alba	Backbone	1.81	4	6	0	0	0	0	\$2,597,000	\$8,661,000	\$0	\$0	\$0	\$260,000	\$649,000	\$1,126,000	\$13,293,000	\$13,293,000
Southwest	Unincorpora	SR-79 (Winchester)	La Alba	Hunter	Backbone	0.50	4	6	0	0	0	0	\$721,000	\$2,406,000	\$0	\$0	\$0	\$72,000	\$180,000	\$313,000	\$3,692,000	\$2,911,000
Southwest	Unincorpora	SR-79 (Winchester)	Hunter	Murrieta Hot Springs	Backbone	1.14	4	6	0	0	0	0	\$279,000	\$118,000	\$0	\$0	\$0	\$28,000	\$70,000	\$40,000	\$535,000	\$535,000
Southwest	Wildomar	Bundy Canyon	I-15	Monte Vista	Backbone	0.32	2	6	0	0	0	0	\$454,000	\$151,000	\$0	\$0	\$0	\$45,000	\$114,000	\$61,000	\$825,000	\$825,000
Southwest	Wildomar	Bundy Canyon	Monte Vista	Sunset	Backbone	3.10	2	4	0	0	0	0	\$5,642,000	\$1,879,000	\$0	\$0	\$0	\$564,000	\$1,411,000	\$752,000	\$10,248,000	\$10,248,000
Southwest	Wildomar	Bundy Canyon	I-15	interchange	Backbone	0.00	0	0	0	3	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$7,423,000
Southwest	Wildomar	Clinton Keith	Palomar	I-15	Backbone	0.55	4	4	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Southwest	Wildomar	Clinton Keith	I-15	Copper Craft	Backbone	2.48	2	6	0	0	0	0	\$3,059,000	\$1,293,000	\$0	\$0	\$0	\$306,000	\$765,000	\$435,000	\$5,858,000	\$4,451,000
Subtotal						Backbone	267.65			19	8,717	3	\$349,481,000	\$435,127,000	\$454,430,000	\$92,737,000	\$44,864,000	\$94,158,000	\$235,392,000	\$137,671,000	\$1,843,860,000	\$1,415,561,000

EXHIBIT H-1 TUMF Network Detailed Cost Estimate

Updated: February 25, 2019

AREA	PLAN CITY	STREETNAME	SEGMENTFROM	SEGMENTTO	NETWORK	MILES	EXISTINGLN	FUTURELN	INTERCHG	BRIDGE	RRXING	NEWLN	COST	ROWCOST	INTCHGCCOST	BRDGCOST	RRXCOST	PLNG	ENG	CONTIG	TOTAL COST	MAXIMUM TUMF SHAR
Central	Menifee	Briggs	Newport	Scott	Secondary	3.05	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Goetz	Juanita	Lesser Lane	Secondary	2.61	2	4	0	0	0	\$3,741,000	\$1,581,000	\$0	\$0	\$0	\$0	\$374,000	\$935,000	\$532,000	\$7,163,000	\$6,860,000
Central	Menifee	Goetz	Newport	Juanita	Secondary	1.36	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Holland	Antelope	Hau	Secondary	1.00	0	4	0	0	0	\$2,868,000	\$9,564,000	\$0	\$0	\$0	\$287,000	\$717,000	\$1,243,000	\$14,679,000	\$14,679,000	
Central	Menifee	Holland	I-215 overcrossing	bridge	Secondary	0.00	0	4	0	350	0	\$0	\$0	\$0	\$0	\$4,620,000	\$0	\$462,000	\$1,155,000	\$462,000	\$6,699,000	\$6,699,000
Central	Menifee	McCall	I-215	Aspel	Secondary	1.23	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	McCall	I-215	interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$17,553,000
Central	Menifee	McCall	Aspel	Menifee	Secondary	0.95	2	4	0	0	0	\$1,368,000	\$578,000	\$0	\$0	\$0	\$0	\$137,000	\$342,000	\$195,000	\$2,620,000	\$2,620,000
Central	Menifee	Murieta	Ethanac	McCall	Secondary	1.95	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Murieta	McCall	Newport	Secondary	2.03	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Menifee	Murieta	Newport	Bundy Canyon	Secondary	3.00	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Cactus	I-215	Heacock	Secondary	1.81	4	6	0	0	0	\$415,000	\$1,384,000	\$0	\$0	\$0	\$0	\$42,000	\$104,000	\$180,000	\$2,125,000	\$0
Central	Moreno Vall	Cactus	I-215	interchange	Secondary	0.00	0	0	2	0	0	\$0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,425,000	\$2,650,000	\$38,423,000	\$38,423,000
Central	Moreno Vall	Day	Ironwood	SR-60	Secondary	0.28	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Day	SR-60	interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Central	Moreno Vall	Day	SR-60	Eucalyptus	Secondary	0.77	6	6	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Eucalyptus	I-215	Towngate	Secondary	1.00	4	6	0	0	0	\$831,000	\$2,773,000	\$0	\$0	\$0	\$0	\$83,000	\$208,000	\$360,000	\$4,255,000	\$4,255,000
Central	Moreno Vall	Eucalyptus	Towngate	Frederick	Secondary	0.67	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Eucalyptus	Frederick	Heacock	Secondary	1.01	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Eucalyptus	Heacock	Kilching	Secondary	1.01	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Eucalyptus	Kilching	Moreno Beach	Secondary	2.42	2	4	0	0	0	\$69,000	\$231,000	\$0	\$0	\$0	\$0	\$7,000	\$17,000	\$30,000	\$354,000	\$0
Central	Moreno Vall	Eucalyptus	Moreno Beach	Theodore	Secondary	2.28	0	4	0	0	0	\$3,466,000	\$11,557,000	\$0	\$0	\$0	\$0	\$347,000	\$867,000	\$1,502,000	\$17,739,000	\$17,739,000
Central	Moreno Vall	Frederick	SR-60	Alessandro	Secondary	1.55	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Heacock	Cactus	San Michele	Secondary	2.79	2	4	0	0	0	\$920,000	\$3,069,000	\$0	\$0	\$0	\$0	\$92,000	\$230,000	\$399,000	\$4,710,000	\$4,710,000
Central	Moreno Vall	Heacock	Reche Vista	Cactus	Secondary	4.73	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Heacock	San Michele	Harley Knox	Secondary	0.74	2	4	0	0	0	\$1,064,000	\$450,000	\$0	\$0	\$0	\$0	\$106,000	\$266,000	\$151,000	\$2,037,000	\$1,593,000
Central	Moreno Vall	Ironwood	SR-60	Day	Secondary	1.33	2	4	0	0	0	\$553,000	\$1,844,000	\$0	\$0	\$0	\$0	\$55,000	\$138,000	\$240,000	\$2,830,000	\$2,830,000
Central	Moreno Vall	Ironwood	Day	Heacock	Secondary	2.01	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Lasselle	Alessandro	John F Kennedy	Secondary	1.00	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Lasselle	John F Kennedy	Oleander	Secondary	3.14	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Moreno Beach	Reche Canyon	SR-60	Secondary	1.37	2	4	0	0	0	\$1,960,000	\$6,536,000	\$0	\$0	\$0	\$0	\$196,000	\$490,000	\$850,000	\$10,032,000	\$10,032,000
Central	Moreno Vall	Moreno Beach	SR-60 overcrossing	bridge	Secondary	0.00	2	4	0	250	0	\$0	\$0	\$0	\$0	\$1,650,000	\$0	\$165,000	\$413,000	\$165,000	\$2,393,000	\$2,393,000
Central	Moreno Vall	Nason	SR-60	Alessandro	Secondary	1.51	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Pigeon Pass	Ironwood	SR-60	Secondary	0.43	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Pigeon Pass/CETAP	Cantarin	Ironwood	Secondary	3.23	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Reche Canyon	Moreno Valley City Limit	Locust	Secondary	0.35	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Moreno Vall	Redlands	Locust	Alessandro	Secondary	2.68	2	4	0	0	0	\$3,843,000	\$12,816,000	\$0	\$0	\$0	\$0	\$384,000	\$961,000	\$1,666,000	\$19,670,000	\$18,927,000
Central	Moreno Vall	Redlands	SR-60	interchange	Secondary	0.00	0	0	2	0	0	\$0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,425,000	\$2,650,000	\$38,423,000	\$38,423,000
Central	Moreno Vall	Theodore	SR-60	Eucalyptus	Secondary	0.26	2	4	0	0	0	\$373,000	\$1,243,000	\$0	\$0	\$0	\$0	\$37,000	\$93,000	\$1,620,000	\$1,908,000	\$1,908,000
Central	Moreno Vall	Theodore	SR-60	interchange	Secondary	0.00	0	0	2	0	0	\$0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,425,000	\$2,650,000	\$38,423,000	\$20,459,000
Central	Peris	Evans	Oleander	Ramona	Secondary	0.99	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Peris	Evans	Ramona	Marigan	Secondary	0.59	4	6	0	0	0	\$849,000	\$359,000	\$0	\$0	\$0	\$0	\$85,000	\$212,000	\$121,000	\$1,626,000	\$1,626,000
Central	Peris	Evans	Morgan	Rider	Secondary	0.49	4	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Peris	Evans	Rider	Placentia	Secondary	0.58	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Peris	Evans	Placentia	Nuevo	Secondary	1.50	0	4	0	0	0	\$731,000	\$309,000	\$0	\$0	\$0	\$0	\$73,000	\$183,000	\$104,000	\$1,400,000	\$1,400,000
Central	Peris	Evans	Nuevo	I-215	Secondary	1.99	0	4	0	0	0	\$5,719,000	\$2,417,000	\$0	\$0	\$0	\$0	\$572,000	\$1,430,000	\$814,000	\$10,952,000	\$10,952,000
Central	Peris	Evans	San Jacinto River	bridge	Secondary	0.00	0	4	0	400	0	\$0	\$0	\$0	\$0	\$5,280,000	\$0	\$528,000	\$1,320,000	\$528,000	\$7,656,000	\$7,656,000
Central	Peris	Goetz	Lesser	Ethanac	Secondary	1.04	2	4	0	0	0	\$1,492,000	\$631,000	\$0	\$0	\$0	\$0	\$149,000	\$373,000	\$212,000	\$2,857,000	\$1,288,000
Central	Peris	Harley Knox	I-215	Indian	Secondary	1.53	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Peris	Harley Knox	I-215	interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$17,372,000
Central	Peris	Harley Knox	Indian	Peris	Secondary	0.50	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Peris	Harley Knox	Peris	Redlands	Secondary	0.50	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Peris	Nuevo	I-215	Murieta	Secondary	1.36	4	6	0	0	0	\$1,946,000	\$6,489,000	\$0	\$0	\$0	\$0	\$195,000	\$487,000	\$844,000	\$9,961,000	\$9,961,000
Central	Peris	Nuevo	I-215	interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Central	Peris	Nuevo	Murieta	Dunlap	Secondary	1.00	2	4	0	0	0	\$1,106,000	\$467,000	\$0	\$0	\$0	\$0	\$111,000	\$277,000	\$157,000	\$2,118,000	\$2,118,000
Central	Peris	Nuevo	Perris Valley Storm Chann	bridge	Secondary	0.00	2	4	0	300	0	\$0	\$0	\$0	\$0	\$1,980,000	\$0	\$0	\$495,000	\$198,000	\$2,871,000	\$2,871,000
Central	Peris	SR-74 (Matthews)	I-215	Ethanac	Secondary	1.25	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Peris	SR-74 (Matthews)	I-215	interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$9,140,000
Central	Unincorpora	Briggs	SR-74 (Pinacate)	Simpson	Secondary	2.50	0	4	0	0	0	\$3,585,000	\$1,515,000	\$0	\$0	\$0	\$0	\$359,000	\$896,000	\$510,000	\$6,865,000	\$6,865,000
Central	Unincorpora	Briggs	Simpson	Newport	Secondary	1.53	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Unincorpora	Briggs	Salt Creek	Bridge	Secondary	0.00	2	2	0	600	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Unincorpora	Center (Main)	I-215	Mt Vernon	Secondary	1.50	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Central	Unincorpora	Center (Main)	I-215	interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$0	\$12,797,000	\$0	\$0	\$280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Central	Unincorpora	Center (Main)	BNFS	railroad crossing	Secondary	0.00	2	2	0	0	2	\$0	\$0	\$0	\$0	\$5,668,000	\$0	\$567,000	\$1,417,000	\$567,000	\$8,219,000	\$8,219,000
Central	Unincorpora	Ellis	Post	SR-74	Secondary	2.65	2	4	0	0	0	\$3,798,000	\$1,605,000	\$0	\$0	\$0	\$0	\$380,000	\$950,000	\$540,000	\$7,273,000	\$7,273,000
Central	Unincorpora	Mount Vernon/CETA	Center	Pigeon Pass	Secondary	0.61	2	4	0	0	0	\$134,000	\$336,000	\$367,000	\$0	\$0	\$0	\$34,000	\$334,000	\$170,000	\$2,341,000	\$2,341,000
Central	Unincorpora	Nuevo	Dunlap	Menifee	Secondary	2.00	2	4	0	0	0	\$2,865,000	\$1,211,000	\$0	\$0	\$0	\$0	\$287,000	\$716,000	\$408,000	\$5,487,000	\$5,487,000
Central	Unincorpora	Nuevo	San Jacinto River	bridge	Secondary	0.00	2	4	0	400	0	\$0	\$0	\$0	\$0	\$2,640,000	\$0	\$264,000	\$660,000	\$264,000	\$3,828,000	\$3,828,000
Central	Unincorpora	Pigeon Pass/CETAP	Cantarin	Mount Vernon	Secondary	3.38	0	4	0	0	0	\$14										

EXHIBIT H-1 TUMF Network Detailed Cost Estimate

Updated: February 25, 2019

AREA	PLAN	CITY	STREETNAME	SEGMENT	FROM	SEGMENT	TO	NETWORK	MILES	EXISTINGLN	FUTURELN	INTERCHG	BRIDGE	RXXING	NEWLNCOST	ROWCOST	INTCHGRCOST	BRDGCOST	RXXCOST	PLNG	ENG	CONTIG	TOTAL COST	MAXIMUM TUMF SHA\$
Northwest	Corona	6th	SR-91	Magnolia	Secondary	4.50	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Auto Center	SR-91	Railroad	Secondary	0.48	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Cajalco	Bedford Canyon	I-15	Secondary	0.15	2	4	0	0	0	0	0	0	\$215,000	\$717,000	\$0	\$0	\$0	\$22,000	\$54,000	\$93,000	\$1,101,000	\$1,101,000
Northwest	Corona	Hidden Valley	Norco Hills	McKinley	Secondary	0.59	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Lincoln	Parkridge	Ontario	Secondary	3.20	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Magnolia	6th	Sherborn Bridge	Secondary	0.47	4	6	0	0	0	0	0	0	\$674,000	\$2,248,000	\$0	\$0	\$0	\$67,000	\$169,000	\$292,000	\$3,450,000	\$3,450,000
Northwest	Corona	Magnolia	Temescal Creek	bridge	Secondary	0.00	4	6	0	300	0	0	0	0	\$0	\$0	\$0	\$1,980,000	\$0	\$198,000	\$495,000	\$198,000	\$2,871,000	\$2,871,000
Northwest	Corona	Magnolia	Terbom Bridge	Rimpau	Secondary	0.52	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Magnolia	Rimpau	Ontario	Secondary	1.17	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Main	Ontario	Ontario	Secondary	0.88	2	4	0	0	0	0	0	0	\$1,263,000	\$534,000	\$0	\$0	\$0	\$126,000	\$316,000	\$180,000	\$2,419,000	\$598,000
Northwest	Corona	Main	Ontario	Foothill	Secondary	0.89	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Main	Hidden Valley	Parkridge	Secondary	0.35	4	6	0	0	0	0	0	0	\$498,000	\$1,662,000	\$0	\$0	\$0	\$50,000	\$125,000	\$216,000	\$2,551,000	\$2,010,000
Northwest	Corona	Main	Parkridge	SR-91	Secondary	0.86	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Main	SR-91	S. Grand	Secondary	0.86	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	McKinley	Hidden Valley	Promenade	Secondary	0.40	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	McKinley	Promenade	SR-91	Secondary	0.33	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	McKinley	SR-91	Magnolia	Secondary	0.31	4	6	0	0	0	0	0	0	\$447,000	\$1,653,000	\$0	\$0	\$0	\$45,000	\$112,000	\$210,000	\$2,467,000	\$2,467,000
Northwest	Corona	McKinley	Arlington Channel	bridge	Secondary	0.00	4	6	0	100	0	0	0	0	\$0	\$0	\$0	\$660,000	\$0	\$66,000	\$165,000	\$66,000	\$957,000	\$957,000
Northwest	Corona	McKinley	BNSF	railroad crossing	Secondary	0.00	4	6	0	0	1	0	0	0	\$0	\$0	\$0	\$0	\$39,666,000	\$3,967,000	\$9,917,000	\$3,967,000	\$57,517,000	\$0
Northwest	Corona	Ontario	I-15	El Cerillo	Secondary	0.89	4	6	0	0	0	0	0	0	\$1,276,000	\$4,256,000	\$0	\$0	\$0	\$128,000	\$319,000	\$553,000	\$6,532,000	\$5,173,000
Northwest	Corona	Ontario	Lincoln	Buena Vista	Secondary	0.32	4	6	0	0	0	0	0	0	\$460,000	\$1,535,000	\$0	\$0	\$0	\$46,000	\$115,000	\$200,000	\$2,356,000	\$1,979,000
Northwest	Corona	Ontario	Buena Vista	Main	Secondary	0.65	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Ontario	Main	Kellogg	Secondary	0.78	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Ontario	Kellogg	Fullerton	Secondary	0.32	4	6	0	0	0	0	0	0	\$459,000	\$1,698,000	\$0	\$0	\$0	\$46,000	\$115,000	\$216,000	\$2,534,000	\$1,877,000
Northwest	Corona	Ontario	Fullerton	Rimpau	Secondary	0.42	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Ontario	Rimpau	I-15	Secondary	0.60	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Ontario	Auto Club	Buena Vista	Secondary	2.45	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Railroad	BNSF	railroad crossing	Secondary	0.00	4	4	0	0	2	0	0	0	\$0	\$0	\$0	\$0	\$11,336,000	\$1,134,000	\$2,834,000	\$1,134,000	\$16,438,000	\$16,438,000
Northwest	Corona	Railroad	Buena Vista	Main [at Grand]	Secondary	0.58	2	4	0	0	0	0	0	0	\$832,000	\$2,774,000	\$0	\$0	\$0	\$83,000	\$208,000	\$361,000	\$4,258,000	\$3,366,000
Northwest	Corona	River	Corydon	Main	Secondary	2.27	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Corona	Serfas Club	SR-91	Green River	Secondary	0.96	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Eastvale	Archibald	San Bernardino County	River	Secondary	3.63	2	4	0	0	0	0	0	0	\$938,000	\$396,000	\$0	\$0	\$0	\$94,000	\$235,000	\$133,000	\$1,796,000	\$1,796,000
Northwest	Eastvale	Hamner	Mission	Bellegrave	Secondary	3.03	2	6	0	0	0	0	0	0	\$1,173,000	\$496,000	\$0	\$0	\$0	\$117,000	\$293,000	\$167,000	\$2,246,000	\$2,246,000
Northwest	Eastvale	Hamner	Bellegrave	Amberhill	Secondary	0.20	4	6	0	0	0	0	0	0	\$287,000	\$121,000	\$0	\$0	\$0	\$29,000	\$72,000	\$41,000	\$550,000	\$550,000
Northwest	Eastvale	Hamner	Amberhill	Limonite	Secondary	0.71	2	6	0	0	0	0	0	0	\$1,751,000	\$740,000	\$0	\$0	\$0	\$175,000	\$438,000	\$249,000	\$3,353,000	\$3,353,000
Northwest	Eastvale	Hamner	Limonite	Schleisman	Secondary	1.00	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Eastvale	Hamner	Schleisman	Santa Ana River	Secondary	1.00	2	6	0	0	0	0	0	0	\$1,434,000	\$606,000	\$0	\$0	\$0	\$143,000	\$359,000	\$204,000	\$2,746,000	\$2,746,000
Northwest	Eastvale	Limonite	I-15	East Center	Secondary	0.35	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Eastvale	Limonite	I-15	interchange	Secondary	0.00	0	0	3	0	0	0	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$0
Northwest	Eastvale	Limonite	East Center	Hamner	Secondary	0.27	5	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Eastvale	Limonite	Hamner	Sumner	Secondary	1.00	4	6	0	0	0	0	0	0	\$717,000	\$303,000	\$0	\$0	\$0	\$72,000	\$179,000	\$102,000	\$1,373,000	\$1,373,000
Northwest	Eastvale	Limonite	Sumner	Harrison	Secondary	0.50	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Eastvale	Limonite	Harrison	Archibald	Secondary	0.49	4	4	0	0	0	0	0	0	\$703,000	\$297,000	\$0	\$0	\$0	\$70,000	\$176,000	\$100,000	\$1,346,000	\$1,346,000
Northwest	Eastvale	Limonite	Archibald	Hellman (Keller SBD Co.)	Secondary	1.12	0	4	0	0	0	0	0	0	\$3,212,000	\$1,357,000	\$0	\$0	\$0	\$321,000	\$803,000	\$457,000	\$6,150,000	\$6,150,000
Northwest	Eastvale	Limonite	Cucamonga Creek	bridge	Secondary	0.00	0	4	0	200	0	0	0	0	\$0	\$0	\$0	\$2,640,000	\$0	\$264,000	\$660,000	\$264,000	\$3,828,000	\$3,828,000
Northwest	Jurupa Valle	Armstrong	San Bernardino County	Valley	Secondary	1.53	2	4	0	0	0	0	0	0	\$917,000	\$305,000	\$0	\$0	\$0	\$92,000	\$229,000	\$122,000	\$1,665,000	\$1,665,000
Northwest	Jurupa Valle	Bellegrave	Cantu-Galleano Ranch	Van Buren	Secondary	0.29	2	4	0	0	0	0	0	0	\$413,000	\$174,000	\$0	\$0	\$0	\$41,000	\$103,000	\$59,000	\$790,000	\$790,000
Northwest	Jurupa Valle	Cantu-Galleano Ranch	Wineville	Bellegrave	Secondary	1.82	0	4	0	0	0	0	0	0	\$1,305,000	\$551,000	\$0	\$0	\$0	\$131,000	\$326,000	\$186,000	\$2,499,000	\$2,499,000
Northwest	Jurupa Valle	Etiwanda	San Bernardino County	SR-60	Secondary	1.00	6	6	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Etiwanda	SR-60	Limonite	Secondary	3.00	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Limonite	I-15	Wineville	Secondary	0.40	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Limonite	Wineville	Etiwanda	Secondary	0.99	3	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Limonite	Etiwanda	Van Buren	Secondary	2.72	2	6	0	0	0	0	0	0	\$7,797,000	\$3,295,000	\$0	\$0	\$0	\$780,000	\$1,949,000	\$1,109,000	\$14,930,000	\$12,822,000
Northwest	Jurupa Valle	Limonite	Van Buren	Clay	Secondary	0.79	4	6	0	0	0	0	0	0	\$909,000	\$384,000	\$0	\$0	\$0	\$91,000	\$227,000	\$129,000	\$1,740,000	\$1,740,000
Northwest	Jurupa Valle	Limonite	Clay	Riverview	Secondary	2.45	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Market	Rubidoux	Santa Ana River	Secondary	1.74	2	4	0	0	0	0	0	0	\$2,502,000	\$1,057,000	\$0	\$0	\$0	\$250,000	\$626,000	\$356,000	\$4,791,000	\$4,488,000
Northwest	Jurupa Valle	Market	Santa Ana River	bridge	Secondary	0.00	2	4	0	1,000	0	0	0	0	\$0	\$0	\$0	\$6,600,000	\$0	\$660,000	\$1,650,000	\$660,000	\$9,570,000	\$8,145,000
Northwest	Jurupa Valle	Mission	SR-60	Miliken	Secondary	1.61	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Mission	SR-60	Santa Ana River	Secondary	7.39	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Riverview	Limonite	Mission	Secondary	0.95	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Rubidoux	San Bernardino County	Mission	Secondary	2.65	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Jurupa Valle	Rubidoux	SR-60	interchange	Secondary	0.00	0	0	3	0	0	0	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$9,278,000
Northwest	Jurupa Valle	Valley	Armstrong	Mission	Secondary	0.48	4	4	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Narco	1st	Parkridge	Mountain	Secondary	0.26	2	4	0	0	0	0	0	0	\$368,000	\$156,000	\$0	\$0	\$0	\$37,000	\$92,000	\$52,000	\$705,000	\$705,000
Northwest	Narco	1st	Mountain	Hamner	Secondary	0.26	4	4	0	0	0	0	0											

EXHIBIT H-1 TUMF Network Detailed Cost Estimate

Updated: February 25, 2019

AREA	PLAN	CITY	STREETNAME	SEGMENT	FROM	SEGMENTO	NETWORK	MILES	EXISTINGLN	FUTURELN	INTERCHG	BRIDGE	RRXING	NEWLNCOST	ROWCOST	INTCHGRCOST	BRDGCOST	RRXCOST	PLNG	ENG	CONTIG	TOTAL COST	MAXIMUM TUMF SHA\$
Northwest	Riverside		14th	Market		Martin Luther King	Secondary	0.89	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		1st	Market		Main	Secondary	0.08	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		3rd	SR-91		I-215	Secondary	1.34	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		3rd	BNSF		railroad crossing	Secondary	0.00	4	4	0	0	1	\$0	\$0	\$0	\$0	\$26,444,000	\$2,644,000	\$6,611,000	\$2,644,000	\$38,343,000	\$38,343,000
Northwest	Riverside		Adams	Arlington		SR-91	Secondary	1.56	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Adams	SR-91		Lincoln	Secondary	0.54	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Adams	SR-91		interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Northwest	Riverside		Buena Vista	Santa Ana River		Redwood	Secondary	0.30	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Canyon Crest	Martin Luther King		Central	Secondary	0.95	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Canyon Crest	Central		Country Club	Secondary	0.59	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Canyon Crest	Country Club		Via Vista	Secondary	0.94	2	4	0	0	0	\$1,713,000	\$570,000	\$0	\$0	\$0	\$171,000	\$428,000	\$228,000	\$3,110,000	\$1,929,000
Northwest	Riverside		Canyon Crest	Via Vista		Alessandro	Secondary	0.68	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Central	Chicago		I-215/SR-60	Secondary	2.15	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Central	SR-91		Magnolia	Secondary	0.76	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Central	Alessandro		SR-91	Secondary	2.05	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Central	Van Buren		Magnolia	Secondary	3.53	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Chicago	Alessandro		Spruce	Secondary	3.42	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Chicago	Spruce		Columbia	Secondary	0.75	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Columbia	Main		Iowa	Secondary	1.09	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Columbia	I-215		interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Northwest	Riverside		Iowa	Center		3rd	Secondary	2.25	4	6	0	0	0	\$2,836,000	\$9,457,000	\$0	\$0	\$0	\$284,000	\$709,000	\$1,229,000	\$14,515,000	\$14,515,000
Northwest	Riverside		Iowa	3rd		University	Secondary	0.51	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Iowa	University		Martin Luther King	Secondary	0.51	2	4	0	0	0	\$725,000	\$2,417,000	\$0	\$0	\$0	\$73,000	\$181,000	\$314,000	\$3,710,000	\$3,431,000
Northwest	Riverside		JFK	Trautwein		Wood	Secondary	0.48	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		La Sierra	Arlington		SR-91	Secondary	3.56	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		La Sierra	SR-91		Indiana	Secondary	0.19	6	6	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		La Sierra	Indiana		Victoria	Secondary	0.78	6	6	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Lemon (NB One way)	Mission Inn		University	Secondary	0.08	3	3	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Lincoln	Van Buren		Jefferson	Secondary	2.00	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Lincoln	Jefferson		Washington	Secondary	1.00	2	4	0	0	0	\$889,000	\$2,965,000	\$0	\$0	\$0	\$89,000	\$222,000	\$385,000	\$4,550,000	\$4,550,000
Northwest	Riverside		Lincoln	Washington		Victoria	Secondary	1.43	2	4	0	0	0	\$1,682,000	\$5,609,000	\$0	\$0	\$0	\$168,000	\$421,000	\$729,000	\$8,609,000	\$8,609,000
Northwest	Riverside		Madison	SR-91		Victoria	Secondary	0.86	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Madison	BNSF		railroad crossing	Secondary	0.00	4	4	0	2	0	\$0	\$0	\$0	\$0	\$11,336,000	\$1,134,000	\$2,834,000	\$1,134,000	\$16,438,000	\$11,438,000
Northwest	Riverside		Madison	BNSF Railroad		Tyler	Secondary	2.70	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Madison	BNSF		railroad crossing	Secondary	0.00	4	4	0	2	0	\$0	\$0	\$0	\$0	\$11,336,000	\$1,134,000	\$2,834,000	\$1,134,000	\$16,438,000	\$16,438,000
Northwest	Riverside		Madison	Magnolia		Harrison	Secondary	0.65	6	6	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Madison	Magnolia		14th	Secondary	5.98	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Main	1st		San Bernardino County	Secondary	2.19	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Market	14th		Santa Ana River	Secondary	2.03	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Martin Luther King	14th		I-215/SR-60	Secondary	2.11	4	6	0	0	0	\$1,302,000	\$4,341,000	\$0	\$0	\$0	\$130,000	\$326,000	\$564,000	\$6,663,000	\$6,663,000
Northwest	Riverside		Mission Inn	Redwood		Lemon	Secondary	0.79	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Redwood (SB One way)	Mission Inn		University	Secondary	0.08	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Trautwein	Alessandro		Van Buren	Secondary	2.19	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Tyler	SR-91		Magnolia	Secondary	0.43	6	6	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Tyler	SR-91		interchange	Secondary	0.00	0	0	2	0	0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$3,203,000
Northwest	Riverside		Tyler	Magnolia		Hole	Secondary	0.27	6	6	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Tyler	Hole		Wells	Secondary	1.06	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Tyler	Wells		Arlington	Secondary	1.35	2	4	0	0	0	\$1,938,000	\$6,464,000	\$0	\$0	\$0	\$194,000	\$485,000	\$840,000	\$9,921,000	\$9,921,000
Northwest	Riverside		University	Redwood		SR-91	Secondary	0.86	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		University	SR-91		I-215/SR-60	Secondary	2.01	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Victoria	Lincoln		Arlington	Secondary	0.16	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Victoria	Madison		Washington	Secondary	0.52	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Washington	Victoria		Hermosa	Secondary	2.05	2	4	0	0	0	\$2,946,000	\$9,825,000	\$0	\$0	\$0	\$295,000	\$737,000	\$1,277,000	\$15,080,000	\$15,080,000
Northwest	Riverside		Wood	JFK		Van Buren	Secondary	0.70	2	4	0	0	0	\$502,000	\$212,000	\$0	\$0	\$0	\$50,000	\$126,000	\$71,000	\$961,000	\$961,000
Northwest	Riverside		Wood	Van Buren		Bergamont	Secondary	0.11	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Riverside		Wood	Bergamont		Krameria	Secondary	0.39	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		Cantu-Galleano Rd	Hamner		Wineville	Secondary	0.94	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		Das Lagos (Weirick)	Temescal Canyon		I-15	Secondary	0.21	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		El Cerito	I-15		Ontario	Secondary	0.56	2	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		El Sobrante	Mockingbird Canyon		Cajalco	Secondary	1.05	2	4	0	0	0	\$1,911,000	\$636,000	\$0	\$0	\$0	\$191,000	\$478,000	\$255,000	\$3,471,000	\$3,355,000
Northwest	Unincorporated		Harley John	Washington		Scottsdale	Secondary	0.12	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		Harley John	Scottsdale		Cajalco	Secondary	1.19	2	4	0	0	0	\$1,703,000	\$720,000	\$0	\$0	\$0	\$170,000	\$426,000	\$242,000	\$3,261,000	\$3,261,000
Northwest	Unincorporated		La Sierra	Victoria		El Sobrante	Secondary	2.22	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		La Sierra	El Sobrante		Cajalco	Secondary	2.36	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		Mockingbird Canyon	Van Buren		El Sobrante	Secondary	3.29	2	4	0	0	0	\$5,988,000	\$1,994,000	\$0	\$0	\$0	\$599,000	\$1,497,000	\$798,000	\$10,876,000	\$9,366,000
Northwest	Unincorporated		Temescal Canyon	Tuscan		Tuscan	Secondary	0.65	2	4	0	0	0	\$941,000	\$313,000	\$0	\$0	\$0	\$94,000	\$235,000	\$125,000	\$1,708,000	\$768,000
Northwest	Unincorporated		Temescal Canyon	Dos Lagos		Dos Lagos	Secondary	0.91	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		Temescal Canyon	Leroy		Leroy	Secondary	1.10	2	4	0	0	0	\$2,008,000	\$669,000	\$0	\$0	\$0	\$201,000	\$502,000	\$268,000	\$3,648,000	\$3,648,000
Northwest	Unincorporated		Temescal Canyon	Leroy		Dawson Canyon	Secondary	1.89	2	4	0	0	0	\$3,432,000	\$1,143,000	\$0	\$0	\$0	\$343,000	\$858,000	\$458,000	\$6,234,000	\$6,234,000
Northwest	Unincorporated		Temescal Canyon	I-15		Dawson Canyon	Secondary	0.28	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Northwest	Unincorporated		Temescal Canyon	I-15		interchange	Secondary	0.00	0	0	3	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Northwest	Unincorporated																						

EXHIBIT H-1 TUMF Network Detailed Cost Estimate

Updated: February 25, 2019

AREA	PLAN	CITY	STREETNAME	SEGMENTFROM	SEGMENTTO	NETWORK	MILES	EXISTINGLN	FUTURELN	INTERCHG	BRIDGE	RRXING	NEWLN/COST	ROWCOST	INTCHG/COST	BRDGCOST	RRXCOST	PLNG	ENG	CONTIG	TOTAL COST	MAXIMUM TUMF SHAR
Pass	Banning	8th	Wilson	I-10	Secondary		0.54	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	Lincoln	Sunset	SR-243	Secondary		2.01	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	Ramsey	I-10	8th	Secondary		1.70	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	Ramsey	8th	Highland Springs	Secondary		3.55	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	SR-243	I-10	Wesley	Secondary		0.62	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	Sun Lakes	Highland Home	Sunset	Secondary		1.00	0	4	0	0	0	\$2,868,000	\$9,564,000	\$0	\$0	\$0	\$287,000	\$717,000	\$1,243,000	\$14,679,000	\$14,679,000
Pass	Banning	Sun Lakes	Smith Creek	bridge	Secondary		0.00	0	4	0	200	0	\$0	\$0	\$0	\$2,640,000	\$0	\$264,000	\$660,000	\$264,000	\$3,828,000	\$3,828,000
Pass	Banning	Sun Lakes	Highland Springs	Highland Home	Secondary		1.33	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	Sunset	Ramsey	Lincoln	Secondary		0.28	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	Sunset	I-10	interchange	Secondary		0.00	0	0	3	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Pass	Banning	Wilson	Highland Home	8th	Secondary		2.51	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Banning	Wilson	Highland Springs	Highland Home	Secondary		1.01	2	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	1st	Viele	Pennsylvania	Secondary		1.28	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	1st	Pennsylvania	Highland Springs	Secondary		1.10	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	6th	I-10	Highland Springs	Secondary		2.24	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	Desert Lawn	Champions	Oak Valley (STC)	Secondary		0.99	2	4	0	0	0	\$495,000	\$209,000	\$0	\$0	\$0	\$50,000	\$124,000	\$70,000	\$948,000	\$948,000
Pass	Beaumont	Oak Valley (14th)	Highland Springs	Pennsylvania	Secondary		1.13	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	Oak Valley (14th)	Pennsylvania	Oak View	Secondary		1.40	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	Oak Valley (14th)	Oak View	I-10	Secondary		0.65	2	4	0	0	0	\$466,000	\$1,553,000	\$0	\$0	\$0	\$47,000	\$117,000	\$202,000	\$2,385,000	\$2,385,000
Pass	Beaumont	Oak Valley (14th)	I-10	interchange	Secondary		0.00	0	0	2	0	0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$13,023,000
Pass	Beaumont	Oak Valley (STC)	Beaumont City Limits	Cherry Valley (J St / Cer	Secondary		3.46	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	Oak Valley (STC)	Cherry Valley (J St / Cent	I-10	Secondary		1.67	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Beaumont	Pennsylvania	6th	1st	Secondary		0.53	2	4	0	0	0	\$619,000	\$2,065,000	\$0	\$0	\$0	\$62,000	\$155,000	\$268,000	\$3,169,000	\$3,169,000
Pass	Beaumont	Pennsylvania	I-10	interchange	Secondary		0.00	0	0	3	0	0	\$0	\$0	\$6,399,000	\$0	\$0	\$640,000	\$1,600,000	\$640,000	\$9,279,000	\$0
Pass	Calimesa	Bryant	County Line	Avenue L	Secondary		0.38	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Calimesa	Calimesa	County Line	I-10	Secondary		0.80	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Calimesa	Calimesa	I-10	interchange	Secondary		0.00	0	0	2	0	0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$38,423,000
Pass	Calimesa	Tukwet Canyon	Roberts	Palmer	Secondary		0.50	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Calimesa	County Line	Roberts	Bryant	Secondary		1.86	2	2	0	0	0	\$1,334,000	\$4,447,000	\$0	\$0	\$0	\$133,000	\$334,000	\$578,000	\$6,826,000	\$6,826,000
Pass	Calimesa	County Line	I-10	interchange	Secondary		0.00	0	0	3	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000
Pass	Calimesa	Desert Lawn	Palmer	Champions	Secondary		1.42	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Calimesa	Singleton	Avenue L	Condit	Secondary		1.86	0	4	0	0	0	\$6,778,000	\$2,257,000	\$0	\$0	\$0	\$678,000	\$1,695,000	\$904,000	\$12,312,000	\$12,312,000
Pass	Calimesa	Singleton	Condit	Roberts	Secondary		0.85	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Calimesa	Singleton	I-10	interchange	Secondary		0.00	0	0	2	0	0	\$0	\$0	\$26,498,000	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$38,423,000
Pass	Unincorpora	Live Oak Canyon	Oak Valley (STC)	San Bernardino County	Secondary		2.81	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Unincorpora	Oak Valley (STC)	San Bernardino County	Beaumont City Limits	Secondary		5.65	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pass	Unincorpora	Oak Valley (STC)	UP	railroad crossing	Secondary		0.00	2	2	0	0	1	\$0	\$0	\$0	\$0	\$13,222,000	\$1,322,000	\$3,306,000	\$1,322,000	\$19,172,000	\$19,172,000
San Jacinto Hemet	Sanderson	Acacia	Merilo	Secondary			0.98	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	Sanderson	Domenigoni	Stetson	Secondary			1.08	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	Sanderson	RR Crossing	Acacia	Secondary			0.42	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	Sanderson	Stetson	RR Crossing	Secondary			0.58	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	Sanderson	Merilo	Esplanade	Secondary			1.00	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	SR-74 (Florida)	Warren	Cawston	Secondary			1.02	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	SR-74 (Florida)	Columbia	Ramona	Secondary			2.58	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	SR-74/SR-79 (Florida)	Cawston	Columbia	Secondary			4.03	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	State	Domenigoni	Chambers	Secondary			1.31	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	State	Chambers	Stetson	Secondary			0.51	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	State	Florida	Esplanade	Secondary			1.74	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	State	Stetson	Florida	Secondary			1.25	2	4	0	0	0	\$1,787,000	\$6,606,000	\$0	\$0	\$0	\$179,000	\$447,000	\$839,000	\$9,858,000	\$9,858,000
San Jacinto Hemet	Stetson	Cawston	State	Secondary			2.52	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto Hemet	Stetson	Warren	Cawston	Secondary			1.00	2	4	0	0	0	\$1,432,000	\$605,000	\$0	\$0	\$0	\$143,000	\$358,000	\$204,000	\$2,742,000	\$2,742,000
San Jacinto Hemet	Warren	Esplanade	Domenigoni	Secondary			4.99	2	4	0	0	0	\$7,155,000	\$3,024,000	\$0	\$0	\$0	\$716,000	\$1,789,000	\$1,018,000	\$13,702,000	\$13,702,000
San Jacinto Hemet	Warren	Salt Creek	bridge	Secondary			0.00	2	4	0	300	0	\$0	\$0	\$0	\$1,980,000	\$0	\$198,000	\$495,000	\$198,000	\$2,871,000	\$2,584,000
San Jacinto San Jacinto	Esplanade	Ramona	Mountain	Secondary			0.20	0	4	0	0	0	\$574,000	\$1,913,000	\$0	\$0	\$0	\$57,000	\$144,000	\$249,000	\$2,937,000	\$2,937,000
San Jacinto San Jacinto	Esplanade	Mountain	State	Secondary			2.55	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto San Jacinto	Esplanade	State	Warren	Secondary			3.53	2	4	0	0	0	\$5,065,000	\$2,141,000	\$0	\$0	\$0	\$507,000	\$1,266,000	\$721,000	\$9,700,000	\$9,700,000
San Jacinto San Jacinto	Sanderson	Ramona	Esplanade	Secondary			3.55	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto San Jacinto	SR-79 (North Ramon	State	San Jacinto	Secondary			1.02	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto San Jacinto	SR-79 (San Jacinto)	North Ramona Blvd	7th	Secondary			0.25	2	4	0	0	0	\$354,000	\$1,179,000	\$0	\$0	\$0	\$35,000	\$89,000	\$153,000	\$1,810,000	\$1,810,000
San Jacinto San Jacinto	SR-79 (San Jacinto)	SR-74	7th	Secondary			2.25	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto San Jacinto	State	Ramona	Esplanade	Secondary			1.99	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto San Jacinto	State	Gilman Springs	Quandt Ranch	Secondary			0.76	2	4	0	0	0	\$1,091,000	\$461,000	\$0	\$0	\$0	\$109,000	\$273,000	\$155,000	\$2,089,000	\$1,184,000
San Jacinto San Jacinto	State	San Jacinto River	bridge	Secondary			0.00	2	4	0	500	0	\$0	\$0	\$0	\$3,300,000	\$0	\$330,000	\$825,000	\$330,000	\$4,785,000	\$3,281,000
San Jacinto San Jacinto	State	Quandt Ranch	Ramona	Secondary			0.70	4	4	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Jacinto San Jacinto	Warren	Ramona	Esplanade	Secondary			3.47	2	4	0	0	0	\$4,977,000	\$2,103,000	\$0	\$0	\$0	\$498,000	\$1,244,000	\$708,000	\$9,530,000	\$9,530,000
San Jacinto Unincorpora	Gilman Springs	Sanderson	State	Secondary			2.54	2	4	0	0	0	\$3,649,000	\$1,542,000	\$0	\$0	\$0	\$365,000	\$912,000	\$519,000	\$6,987,000	\$3,603,000
San Jacinto Unincorpora	Gilman Springs	Massacre Canyon Wash	bridge	Secondary			0.00	2	4	0	100	0	\$0	\$0	\$0	\$660,000	\$0	\$66,000	\$165,000	\$66,000	\$957,000	\$591,000
San Jacinto Unincorpora	SR-79 (Winchester)	SR-74 (Florida)	Domenigoni	Secondary			3.23	2	2	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

EXHIBIT H-1 TUMF Network Detailed Cost Estimate

Updated: February 25, 2019

AREA	PLAN	CITY	STREETNAME	SEGMENT	FROM	TO	NETWORK	MILES	EXISTING	LN	FUTURE	LN	INTERCHG	BRIDGE	RRXING	NEW	LN	COST	ROW	COST	INTCHG	COST	BRDG	COST	RRXCOST	PLNG	ENG	CONTIG	TOTAL COST	MAXIMUM TUMF SHA#
Southwest	Lake	Elsinore	Corydon	Mission	Grand		Secondary	1.53	2		4	0	0	0	0	\$1,097,000	\$464,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000	\$274,000	\$156,000	\$2,101,000	\$2,101,000	
Southwest	Lake	Elsinore	Diamond	Mission	I-15		Secondary	0.24	4	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Lake	Elsinore	Franklin (Integral to	I-15	Interchange		Secondary	0.00	0	0	0	2	0	0	0	\$0	\$0	\$26,498,000	\$0	\$0	\$0	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$15,168,000		
Southwest	Lake	Elsinore	Grand	Lincoln	Toft		Secondary	1.29	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Lake	Elsinore	Grand	Toft	SR-74 (Riverside)		Secondary	0.86	2	4	0	0	0	0	0	\$737,000	\$312,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$74,000	\$184,000	\$105,000	\$1,412,000	\$1,412,000	
Southwest	Lake	Elsinore	Lake	I-15	Lincoln		Secondary	3.10	0	0	0	0	0	0	0	\$8,473,000	\$2,821,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$847,000	\$2,118,000	\$1,129,000	\$15,388,000	\$14,137,000	
Southwest	Lake	Elsinore	Lake	I-15	Interchange		Secondary	0.00	0	0	0	3	0	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$7,560,000	
Southwest	Lake	Elsinore	Mission	Temescal Wash	bridge		Secondary	0.00	2	6	0	0	107	0	0	\$0	\$0	\$0	\$0	\$1,412,000	\$0	\$0	\$0	\$0	\$0	\$141,000	\$353,000	\$141,000	\$2,047,000	\$853,000
Southwest	Lake	Elsinore	Nichols	Railroad Canyon	Bundy Canyon		Secondary	2.39	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Lake	Elsinore	Nichols	I-15	Lake		Secondary	1.80	2	4	0	0	0	0	0	\$1,807,000	\$764,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$181,000	\$452,000	\$257,000	\$3,461,000	\$3,461,000	
Southwest	Lake	Elsinore	Nichols	I-15	Interchange		Secondary	0.00	0	0	0	2	0	0	0	\$0	\$0	\$26,498,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,650,000	\$6,625,000	\$2,650,000	\$38,423,000	\$38,423,000	
Southwest	Lake	Elsinore	SR-74 (Collier/Riversi	I-15	Lakeshore		Secondary	2.10	2	6	0	0	0	0	0	\$6,027,000	\$20,097,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$603,000	\$1,507,000	\$2,612,000	\$30,846,000	\$29,751,000	
Southwest	Lake	Elsinore	SR-74 (Grand)	Riverside	SR-74 (Ortega)		Secondary	0.64	2	6	0	0	0	0	0	\$1,825,000	\$6,087,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$183,000	\$456,000	\$791,000	\$9,342,000	\$7,874,000	
Southwest	Lake	Elsinore	SR-74 (Riverside)	Lakeshore	Grand		Secondary	1.74	2	6	0	0	0	0	0	\$4,481,000	\$14,944,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$448,000	\$1,120,000	\$1,943,000	\$22,936,000	\$22,936,000	
Southwest	Lake	Elsinore	Temescal Canyon	I-15	Lake		Secondary	1.21	2	4	0	0	0	0	0	\$2,202,000	\$733,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	\$551,000	\$294,000	\$4,000,000	\$4,000,000	
Southwest	Lake	Elsinore	Temescal Canyon	Temescal Wash	bridge		Secondary	0.00	2	4	0	246	0	0	0	\$0	\$0	\$0	\$0	\$1,624,000	\$0	\$0	\$0	\$0	\$0	\$162,000	\$406,000	\$162,000	\$2,354,000	\$2,354,000
Southwest	Murieta	California	Oaks	Jefferson	I-15		Secondary	0.32	4	6	0	0	0	0	0	\$114,000	\$379,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000	\$29,000	\$49,000	\$582,000	\$582,000	
Southwest	Murieta	California	Oaks	I-15	Jackson		Secondary	0.50	6	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	California	Oaks	Jackson	Clinton Keith		Secondary	1.76	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Jackson	Whitewood	Ynez			Secondary	0.53	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Jefferson	Palomar	Nutmeg			Secondary	1.02	0	4	0	0	0	0	0	\$1,463,000	\$618,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$146,000	\$366,000	\$208,000	\$2,801,000	\$2,801,000	
Southwest	Murieta	Jefferson		Nutmeg	Murieta Hot Springs		Secondary	2.37	2	6	0	0	0	0	0	\$4,418,000	\$14,732,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$442,000	\$1,105,000	\$1,915,000	\$22,612,000	\$22,612,000	
Southwest	Murieta	Jefferson		Murieta Hot Springs	Cherry		Secondary	2.26	6	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Keller	I-215	Whitewood	Backbone		Secondary	0.75	2	4	0	0	0	0	0	\$323,000	\$1,076,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,000	\$81,000	\$140,000	\$1,652,000	\$1,652,000	
Southwest	Murieta	Keller	I-215	Interchange	Backbone		Secondary	0.00	0	0	3	0	0	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$18,556,000	
Southwest	Murieta	Los Alamos	Jefferson	I-215			Secondary	1.77	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Murieta Hot Springs	Jefferson	I-215			Secondary	1.11	6	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Murieta Hot Springs	I-215	Margarita			Secondary	1.48	6	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Murieta Hot Springs	Margarita	SR-79 (Winchester)			Secondary	1.01	4	6	0	0	0	0	0	\$1,445,000	\$611,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$145,000	\$361,000	\$206,000	\$2,768,000	\$2,768,000	
Southwest	Murieta	Nutmeg	Jefferson	Clinton Keith			Secondary	1.97	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Whitewood	Clinton Keith	Los Alamos			Secondary	2.01	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Whitewood	Los Alamos	Murieta Hot Springs			Secondary	1.93	2	2	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Murieta	Whitewood	Murieta Hot Springs	Jackson			Secondary	0.80	0	4	0	0	0	0	0	\$1,951,000	\$5,126,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$195,000	\$488,000	\$708,000	\$8,468,000	\$8,468,000	
Southwest	Murieta	Ynez	Jackson	SR-79 (Winchester)			Secondary	1.22	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Temecula	Jefferson	Cherry	Rancho California			Secondary	2.29	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Temecula	Margarita	Murieta Hot Springs	SR-79 (Temecula Pkwy)			Secondary	7.38	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Temecula	Old Town Front	Rancho California	I-15/SR-79 (Temecula Pk			Secondary	1.45	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Temecula	Pechanga Pkwy	SR-79 (Temecula Pkwy)	Via Gilberto			Secondary	1.32	6	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Temecula	Pechanga Pkwy	Via Gilberto	Pechanga Pkwy			Secondary	1.44	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Temecula	Rancho California	Jefferson	Margarita			Secondary	1.89	4	6	0	0	0	0	0	\$1,300,000	\$4,806,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000	\$325,000	\$611,000	\$7,172,000	\$7,172,000	
Southwest	Temecula	Rancho California	I-15	Interchange			Secondary	0.00	0	0	3	0	0	0	0	\$0	\$0	\$12,797,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,280,000	\$3,199,000	\$1,280,000	\$18,556,000	\$12,451,000
Southwest	Temecula	Rancho California	Margarita	Butterfield Stage			Secondary	1.96	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Temecula	Rancho California	Butterfield Stage	Glen Oaks			Secondary	4.26	2	4	0	0	0	0	0	\$6,109,000	\$22,587,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$611,000	\$1,527,000	\$2,870,000	\$33,704,000	\$33,704,000	
Southwest	Temecula	SR-79 (Temecula Pk	I-15	Pechanga Pkwy			Secondary	0.64	6	8	0	0	0	0	0	\$919,000	\$388,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$92,000	\$230,000	\$131,000	\$1,760,000	\$1,639,000	
Southwest	Temecula	SR-79 (Temecula Pk	Pechanga Pkwy	Butterfield Stage			Secondary	3.08	6	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Unincorpora	Briggs	Scott	SR-79 (Winchester)			Secondary	3.39	2	4	0	0	0	0	0	\$4,864,000	\$2,056,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$486,000	\$1,216,000	\$692,000	\$9,314,000	\$9,314,000	
Southwest	Unincorpora	Butterfield Stage	Murieta Hot Springs	Calle Chapos			Secondary	0.82	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Unincorpora	Butterfield Stage	Calle Chapos	La Serena			Secondary	0.70	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Unincorpora	Butterfield Stage	La Serena	Rancho California			Secondary	0.90	2	4	0	0	0	0	0	\$1,638,000	\$545,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$164,000	\$410,000	\$218,000	\$2,975,000	\$2,975,000	
Southwest	Unincorpora	Butterfield Stage	Rancho California	Pauba			Secondary	0.85	4	4	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Southwest	Unincorpora	Butterfield Stage	Pauba	SR-79 (Temecula Pkwy)			Secondary	1.69	2	4	0	0	0	0	0	\$154,000	\$51,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$39,000	\$21,000	\$280,000	\$280,000	
Southwest	Unincorpora	Butterfield Stage	SR-79 (Winchester)	Auld			Secondary	2.28	2	4	0	0	0	0	0	\$4,150,000	\$1,382,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$415,000	\$1,038,000	\$553,000	\$7,538,000	\$7,538,000	
Southwest	Unincorpora	Butterfield Stage	Auld	Murieta Hot Springs			Secondary	2.23	0	4	0	0	0	0	0	\$8,117,000	\$2,703,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$812,000	\$2,029,000	\$1,082,000	\$14,743,000	\$14,743,000	
Southwest	Unincorpora	Butterfield Stage	Tucalota Creek	bridge			Secondary	0.00	0	4	0	200	0	0	0	\$0	\$0	\$0	\$0	\$2,640,000	\$0	\$0	\$0	\$0	\$0	\$264,000	\$660,000	\$264,000	\$3,828,000	\$3,828,000
Southwest	Unincorpora	Horsethief Canyon	I-15	Temescal Canyon			Secondary	0.17	2	2	0	0	0	0	0	\$0	\$0	\$0	\$0											



Western Riverside Council of Governments Technical Advisory Committee

Staff Report

Subject: Regional Streetlight Program Activities Update

Contact: Daniel Soltero, Staff Analyst, dsoltero@wrcoq.us, (951) 405-6738

Date: July 18, 2019

The purpose of this item is to provide an update on the LED retrofit progress for Eastvale and Murrieta, Wildomar LED retrofit start date, remaining jurisdictions placement of LED Fixture Purchase Orders.

Requested Action:

1. Receive and file.

WRCOG's Regional Streetlight Program will assist member jurisdictions with the acquisition and retrofit of their Southern California Edison (SCE)-owned and operated streetlights. The Program has three phases: 1) streetlight inventory; 2) procurement and retrofitting of streetlights; and 3) ongoing operations and maintenance. A major objective of the Program is to provide cost savings to participating member jurisdictions.

Background

At the direction of the Executive Committee, WRCOG developed a Regional Streetlight Program allowing jurisdictions (and Community Service Districts) to purchase streetlights within their boundaries that are currently owned and operated by SCE. Once the streetlights are owned by the member jurisdiction, the lamps will be retrofitted to Light Emitting Diode (LED) technology to provide more economical operations (i.e., lower maintenance costs and reduced energy use).

LED Purchase Orders Submitted, Avoiding LED Price Increase

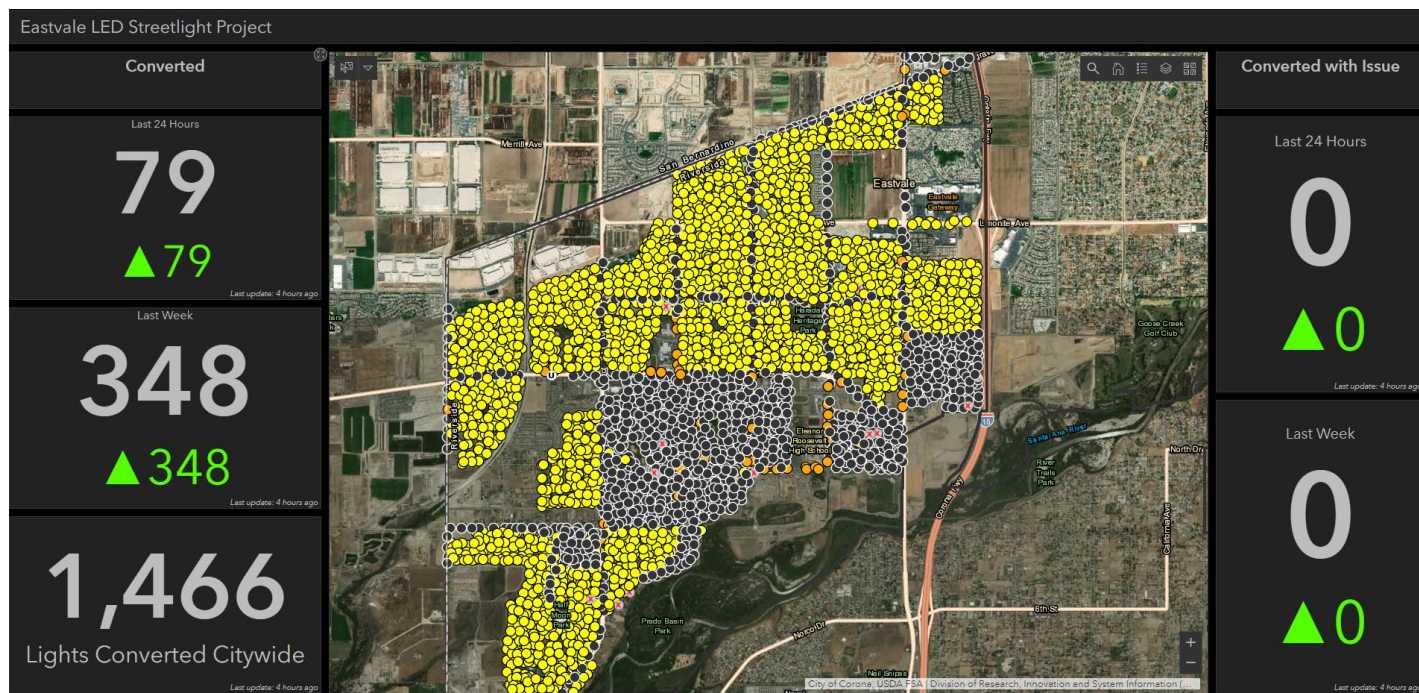
Since 2017, the U.S. – China federal trade situation has resulted in the United States Federal Government imposing a penalty tax on numerous Chinese imports. The imported metals and electronics market became extremely volatile forcing many companies (General Electric (GE) and other streetlight manufacturers) to increase prices on products 6% to 10%. In late 2018, GE formally asked WRCOG for a 5% price increase from the quoted prices in WRCOG's 2017 Request for Quotation (RFQ) for LED Fixture Procurement. In response, WRCOG staff negotiated a price-lock on LED fixtures at the prices quoted in the 2017 RFQ through June 2019. After the June deadline, a 5% increase on RFQ pricing through the end of 2019 is secured. Starting in 2020, pricing for the GE LED fixture will be based on fair market value.

As of June 28, 2019, all jurisdictions utilizing WRCOG's Agreement for GE LED fixtures have placed an order for LED equipment, ultimately avoiding a price increase. This was an important deadline and milestone for all jurisdictions utilizing the GE LED fixture, as it signified the end of a price-lock on LED fixtures.

Eastvale Streetlight Retrofit Start and Progress Update

The City of Eastvale commenced with its streetlight LED retrofit on June 4, 2019. Since then, the City has converted over 1,450 streetlights to GE LED fixtures, and is approximately 35% complete in the conversion project. By utilizing WRCOG's Agreement for GE LED fixtures the City has selected to replace existing lamps,

with specific GE LED models that will lower energy consumption and increase utility savings between 58% to 74% per streetlight per month. The City opted to convert streetlights on major roads where improved visibility and public safety can be addressed first. Once major roads are completed the crews performing the streetlight conversions will focus on residential neighborhood streetlight conversions.

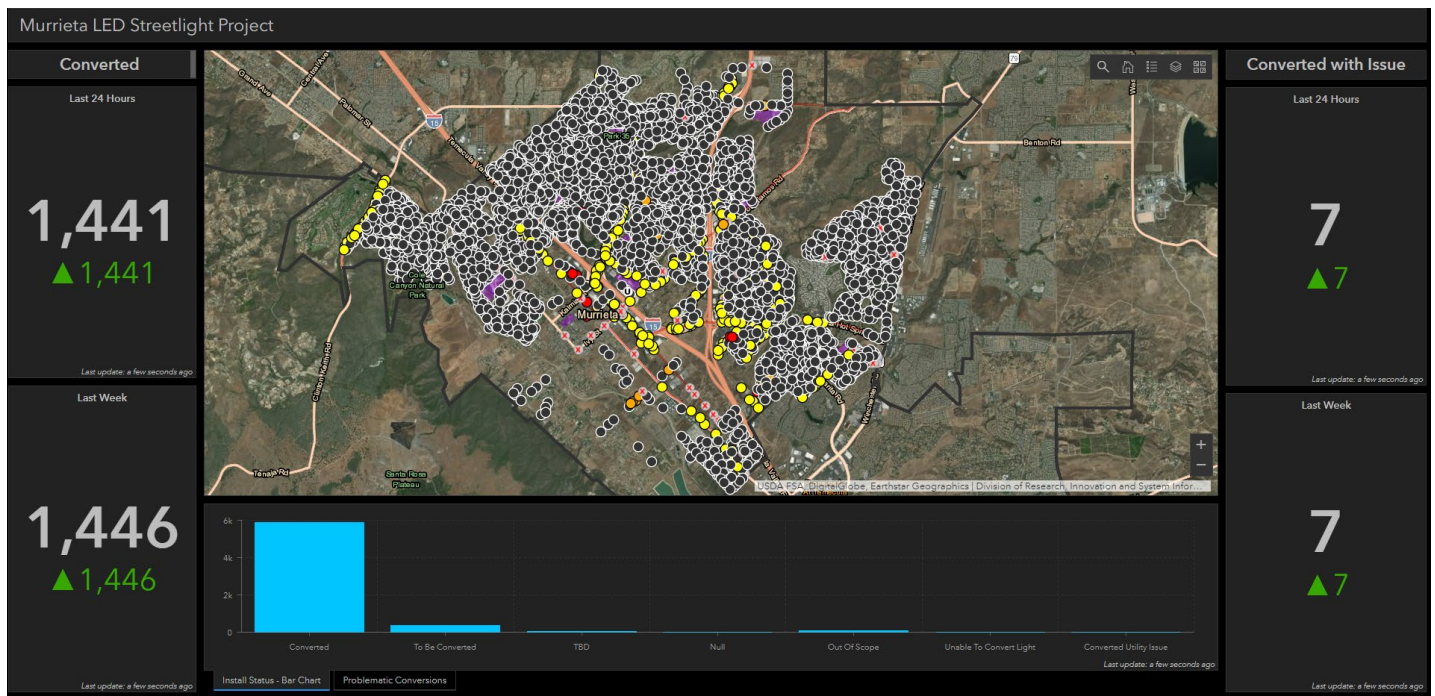


Wildomar Streetlight Retrofit Start

The City of Wildomar is anticipated to start the streetlight retrofit in July 2019. On April 4, 2019, the City of Wildomar fully acquired its approximately 1,400 streetlights from SCE. After completing the streetlight acquisition and concurrent fixture selection process, the City selected GE LED fixtures similar to those used in the neighboring City of Murrieta. The City of Wildomar will have Siemens retrofit the old lamps to LED fixtures and provide routine operations and maintenance to the streetlight systems. The City has selected low wattage residential fixtures to maximize energy efficiencies, utility bill savings, and mitigate any perceived change in lighting brightness by matching previous lighting outputs. A medium wattage fixture was selected for larger roadways that match previous lighting levels to meet the City's public safety goals. Overall, the City's GE LED fixture selection will significantly lower energy consumption and reduce electric utility costs for street lighting.

Murrieta Streetlight Retrofit 90% Complete

As of July 10, 2019, the City of Murrieta is over 90% complete with retrofitting its streetlights to LED, which accounts for approximately 6,000 streetlight conversions. The City started retrofitting its streetlights on February 11, 2019, and less than six months later is nearing completion of the project. As the retrofit comes to close later this month, WRCOG and Siemens will work to a project closeout which will include delivery of as-built GIS data and streetlight inventory to the City, coordinate billing changes with SCE, and work with SCE to address any discrepancies found in the field subsequent after the streetlight retrofit.



Prior Action:

June 3, 2019: The Executive Committee received and filed.

Fiscal Impact:

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

Attachment:

None.

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Western Riverside Council of Governments Technical Advisory Committee

Staff Report

Subject: California Clean Air Day

Contact: Casey Dailey, Director of Energy and Environmental Programs, cdailey@wrcog.us, (951) 405-6720

Date: July 18, 2019

The purpose of this item is to introduce committee to Clean Air Day goals and activities.

Requested Action:

1. Recommend that the Executive Committee Adopt Resolution Number 30-19; A Resolution of the Executive Committee of the Western Riverside Council of Governments Proclaiming October 2, 2019, as California Clean Air Day.

Background

The Coalition for Clean Air launched Clean Air Day to unite people to action to improve community health and help develop habits to achieve clean air. California Clean Air Day takes place on October 2, 2019. This day of action focuses on the improvement of community health and the impacts of air pollution upon Californians, hospitals and healthcare organizations, schools and school districts, businesses and workplaces, community, non-profits, and cities and local governments. With major sponsors including Edison International, SoCalGas, Los Angeles World Airports (LAX), and millions of Californians pledging to take at least one action to help “clear the air,” California Clean Air Day requires increased assistance to expand positive effectiveness and impact.

WRCOG staff is serving as the Inland Empire Working Group co-chair to help organize a series of events and activities for California Clean Air Day in Riverside and San Bernardino Counties. Events surrounding October 2, 2019, encompass the mission of improving air quality. Some of the activities that are being planned for California Clean Air Day include:

- University of California, Riverside (UCR) and Riverside Public Utilities (RPU) are hosting a Sustainability Day at the UCR Bourns College of Engineering.
- Dignity Health in San Bernardino County is hosting a Health Walk with vendors supporting clean air initiatives.
- A video is being developed to be shown across the Riverside Unified School District to K-12 students highlighting the benefits and importance of clean air.

The objective of Clean Air Day is to encourage individuals, government agencies, businesses, and non-profit organizations to do their part to improve air quality and protect public health. Staff is recommending the Technical Advisory Committee recommend to the Executive Committee to pass a resolution proclaiming October 2, 2019, as California Clean Air Day. Similarly, WRCOG is encouraging City members to pass their own resolution for California Clean Air Day as well as host a tree planting ceremony honoring the resolution. A sample resolution is attached (Attachment 2).

In an effort to raise awareness of Clean Air Day, WRCOG is submitting for a micro-grant to purchase trees, commemorate plaques, and tree planting materials. Jurisdictions that choose to pass similar resolutions proclaiming October 2, 2019, as California Clean Air Day, will be provided with supplies for a tree planting ceremony at their City Hall or local park. The tree ceremony will provide cities with photo opportunities to publicize their support for region-wide clean air and public health. WRCOG will support media efforts leading up to Clean Air Day and tree planting ceremonies.

Prior Action:

None.

Fiscal Impact:

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

Attachments:

1. Resolution Number 30-19; A Resolution of the Executive Committee of the Western Riverside Council of Governments in support for and declaration of California Clean Air Day.
2. Sample Resolution in support for and declaration of California Clean Air Day.

Item 8.F

California Clean Air Day

Attachment 1

Resolution Number 30-19; A
Resolution of the Executive
Committee of the Western Riverside
Council of Governments in support
for and declaration of California
Clean Air Day

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RESOLUTION NUMBER 30-19

A RESOLUTION OF THE EXECUTIVE COMMITTEE OF THE WESTERN RIVERSIDE COUNCIL OF GOVERNMENTS IN SUPPORT FOR AND DECLARATION OF CALIFORNIA CLEAN AIR DAY

WHEREAS, air pollution contributes to higher rates of cancer and heart and lung diseases, which adversely affect health; and

WHEREAS, California has some of the most polluted regions in the United States; and

WHEREAS, cities within Western Riverside County face disproportionate, negative health impacts due to low air quality, falling within the California Environmental Protection Agency's top 25% most disadvantaged communities, as denoted by SB 535; and

WHEREAS, it is vital that we protect the health and well-being of our residents, visitors, and workforce; and

WHEREAS, emissions from vehicles, industry, and even household sources significantly affect the natural environment, air quality and well-being of residents, employees, and visitors of Western Riverside County; and

WHEREAS, individual actions such as not idling vehicles, walking or biking to work and school, carpooling, and conserving energy can directly improve air quality in our region; and

WHEREAS, everyone can play a role; and

WHEREAS, education about air quality can raise community awareness, encourage our community to develop better habits, and improve our community health; and

WHEREAS, Californians will be joining together across the state to clear the air on October 2, 2019; and

WHEREAS, the Western Riverside Council of Governments is committed to the health of our residents, workforce, visitors, and community at large.

NOW, THEREFORE BE IT RESOLVED, by the Western Riverside Council of Governments that October 2, 2019, be declared "Clean Air Day" within its jurisdiction.

BE IT FURTHER RESOLVED that WRCOG asks its member jurisdictions to determine how their employees can participate in Clean Air Day, as appropriate, and report back on those actions.

BE IT FURTHER RESOLVED that WRCOG encourages all residents, businesses, employees, and community members to participate in Clean Air Day and help clear the air for all Californians.

Bonnie Wright, Chair
WRCOG Executive Committee

Rick Bishop, Secretary
WRCOG Executive Committee

Approved as to form:

Steven DeBaun
WRCOG Legal Counsel

AYES: _____ NAYS: _____ ABSENT: _____ ABSTAIN: _____

Item 8.F

California Clean Air Day

Attachment 2

Sample Resolution in support for and
declaration of California Clean Air
Day

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**A RESOLUTION OF THE CITY OF _____
IN SUPPORT FOR AND DECLARATION OF CALIFORNIA CLEAN AIR DAY**

WHEREAS, air pollution contributes to higher rates of cancer and heart and lung diseases, which adversely affect health; and

WHEREAS, California has some of the most polluted regions in the United States; and

WHEREAS, cities within the Western Riverside County face disproportionate, negative health impacts due to low air quality, falling within the California Environmental Protection Agency's top 25% most disadvantaged communities, as denoted by SB 535; and

WHEREAS, it is vital that we protect the health and well-being of our residents, visitors, and workforce; and

WHEREAS, emissions from vehicles, industry, and even household sources significantly affect the natural environment, air quality, and well-being of residents, employees, and visitors of the City of _____; and

WHEREAS, individual actions such as not idling vehicles, walking or biking to work and school, carpooling, and conserving energy can directly improve air quality in our region; and

WHEREAS, everyone can play a role; and

WHEREAS, education about air quality can raise community awareness, encourage our community to develop better habits, and improve our community health; and

WHEREAS, Californians will be joining together across the state to clear the air on October 2, 2019; and

WHEREAS, the City of _____ is committed to the health of our residents, workforce, visitors, and community at large.

NOW, THEREFORE BE IT RESOLVED, by the City of _____ that October 2, 2019, be declared "Clean Air Day" within its jurisdiction.

BE IT FURTHER RESOLVED that we ask all department heads to determine how their employees can participate in Clean Air Day, as appropriate, and report back on those actions.

BE IT FURTHER RESOLVED that we encourage all residents, businesses, employees, and community members to participate in Clean Air Day and help clear the air for all Californians.

Mayor

Attested by:

City Clerk

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