



# **Western Riverside Council of Governments Public Works Committee**

## **AGENDA**

**Thursday, May 9, 2019  
2:00 p.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 Public Works 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 the 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 items, will be available for inspection by members of the public prior to the meeting at 3390 University Avenue, Suite 450, Riverside, CA, 92501.

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

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

At this time members of the public can address the Public Works 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. MINUTES**

- A. Summary Minutes from the April 11, 2019, Public Works Committee Meeting  
are Available for Consideration.**

**P. 1**

**Requested Action:** 1. *Approve the Summary Minutes from the April 11, 2019, Public Works Committee meeting.*

## 6. 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. WRCOG Committees and Agency Activities Update *Christopher Gray* P. 5

**Requested Action:** 1. *Receive and file.*

## 7. REPORTS / DISCUSSION

### A. 2019 TUMF Construction Cost Index Adjustment *Daniel Ramirez-Cornejo, WRCOG* P. 25

**Requested Action:** 1. *Discuss and provide input.*

### B. TUMF Revenue, Calculation and Collection Process Update *Daniel Ramirez-Cornejo, WRCOG* P. 27

**Requested Action:** 1. *Receive and file.*

### C. TUMF Network Review *Daniel Ramirez-Cornejo, WRCOG* P. 37

**Requested Action:** 1. *Receive and file.*

### D. Riverside County Transportation Analysis Model Update *Christopher Tzeng, WRCOG* P. 39

**Requested Action:** 1. *Receive and file.*

## 8. REPORT FROM THE DIRECTOR OF TRANSPORTATION & PLANNING *Christopher Gray*

## 9. ITEMS FOR FUTURE AGENDAS *Members*

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

## 10. GENERAL ANNOUNCEMENTS *Members*

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

## 11. NEXT MEETING: The next Public Works Committee meeting will be held on Thursday, June 13, 2019, at 2:00 p.m., at WRCOG's office located at 3390 University Avenue, Suite 450, Riverside.

## 12. ADJOURNMENT

**1. CALL TO ORDER**

The meeting of the Public Works Committee was called to order at 2:02 p.m. by Chair Patty Romo at WRCOG's office, Citrus Conference Room.

**2. ROLL CALL**

**Members present:**

Jeff Hart, City of Beaumont  
Lori Askew, City of Calimesa  
Nelson Nelson, City of Corona  
Craig Bradshaw, City of Eastvale  
Robert Vestal, City of Hemet  
Mike Myers, City of Jurupa Valley  
Jonathan Smith, City of Menifee  
Michael Wolfe, City of Moreno Valley  
Bob Moehling, City of Murrieta  
Brad Brophy, Cities of Perris and San Jacinto  
Chris Scully, City of Riverside  
Patrick Thomas, City of Temecula  
Dan York, City of Wildomar  
Patty Romo, County of Riverside (Chair)  
Shirley Medina, Riverside County Transportation Commission  
Rohan Kuruppu, Riverside Transit Agency

**Staff present:**

Christopher Gray, Director of Transportation & Planning  
Daniel Ramirez-Cornejo, Program Manager  
Christopher Tzeng, Program Manager  
Tyler Masters, Program Manager

**Guests present:**

Darren Henderson, WSP / WRCOG consultant  
Paul Rodriguez, Rodriguez Consulting Group  
Amer Attar, City of Temecula  
Alvin Medina, County of Riverside  
Darin Johnson, Mark Thomas & Company  
Arik Bronshtein, UrbanLeap  
Jenny Chan, Riverside County Transportation Commission (RCTC)  
Martha Masters, RCTC  
George Wentz, HR Green  
Dave Zelonok, HR Green

**3. PLEDGE OF ALLEGIANCE**

Chair Patty Romo led the members and guests in the Pledge of Allegiance.

**4. PUBLIC COMMENTS**

There were no public comments.

**5. MINUTES** (*Moreno Valley / Murrieta*) 17 yes; 0 no; 0 abstention. Item 5.A was approved. The Cities of Banning, Canyon Lake, Lake Elsinore, and Norco, and the March JPA were not present.

**A. Summary Minutes from the March 14, 2019, Public Works Committee Meeting are Available for Consideration.**

**Action:** 1. *Approved Summary Minutes from the March 14, 2019, Public Works Committee meeting.*

**6. CONSENT CALENDAR** (*Wildomar / Murrieta*) 17 yes; 0 no; 0 abstention. Items 6.A through 6.D were approved. The Cities of Banning, Canyon Lake, Lake Elsinore, and Norco, and the March JPA were not present.

**A. WRCOG Committees and Agency Activities Update**

**Action:** 1. *Received and filed.*

**B. TUMF Revenue and Expenditures Update**

**Action:** 1. *Received and filed.*

**C. High Cube Warehouse Trip Generation Study**

**Action:** 1. *Received and filed.*

**D. Resilient IE Activities Update – Evacuation Network**

**Action:** 1. *Received and filed.*

**7. REPORTS / DISCUSSION**

**A. Small Cell Deployment Activities Update**

George Wentz and Dave Zelenok of HR Green presented an overview of the most recent deployment of small cells, with specific examples from Colorado. Small cell facilities are low-powered antennas that provide cellular and data coverage to smaller geographic areas, supplementing the larger cellular network. On September 26, 2018, the Federal Communications Commission (FCC) voted to approve a declaratory ruling and report and order that would enact preemptions of local authority over small cell wireless facility deployment and management of local rights-of-way. This order shortened the time for cities to process applications for small cells and limited aesthetic review and requirements. After the ruling a number of cities across the nation challenged the ruling, arguing that the FCC's action exceeds its authority. The presentation focused on what local agencies in the subregion can do in preparation of small cell deployment, which include updating public policies and creating community fiber.

The Committee requested that WRCOG distribute any Ordinances regarding small cell deployment developed by HR Green.

**Action:** 1. *Received and filed.*

**B. UrbanLeap Innovation Platform**

Arik Bronshtein, UrbanLeap, provided a demonstration on the vendors SaaS' platform that provides governments with an environment to discover, test and share best practices and innovative solutions.

The demonstration provided a review of the platform developed for the City of Las Vegas, which could track progress of RFPs and comments by those reviewing proposals received.

**Action:**        1.        *Received and filed.*

#### **C.     2019 TUMF Construction Cost Index Adjustment**

Daniel Ramirez-Cornejo presented the proposed TUMF schedule adjusted with recent construction and housing cost data. At the inception of the TUMF Program Executive Committee approved using the Engineering News Record CCI and the National Association of Realtors median sales price of existing single-family homes as the basis for calculating the adjustment to the TUMF. WRCOG is required, per the TUMF Administrative Plan, to bring forward a CCI adjustment annually for review and action by the Executive Committee. The purpose of the CCI is to keep the dollar value of the TUMF Program whole. The item will be brought back to the Public Works Committee in May for a recommendation on the CCI adjustment.

Chair Patty Romo mentioned that the retail TUMF land use rate was reduced by the Executive Committee and this should be considered when this Committee makes a recommendation.

**Action:**        1.        *Received and filed.*

#### **D.     TUMF Regional Arterial Program**

Shirley Medina provided an update on the progress to date of the TUMF Regional Arterial Program. Cycle 1 of the TUMF Regional Arterial Program began in 2004 with a Call for Projects. Except for two projects, all the projects programmed with Regional TUMF funding have been delivered.

RCTC is seeking input on how Cycle 2 should be developed and implemented. More specifically, the implementation of Cycle 2 would focus on projects that will be under construction in the next two years. RCTC could potentially conduct another Call for Projects that are construction-ready. Another option could be to utilize the TUMF Zones to identify regional projects for potential funding from the share of funds that RCTC receives from WRCOG.

Christopher Gray stated that historically, the TUMF Zones have funded the soft costs of regional projects and RCTC has funded the more cost intensive construction phase of these projects. This model worked in the past with the Railroad Canyon Road Interchange project.

Committee member Patrick Thomas asked whether this discussion is being considered by the RCTC Ad Hoc Committee for future funding strategies.

Ms. Medina responded that at this time, the Ad Hoc Committee is not discussing the TUMF Regional Arterial Program; it is focused on the 10-year Delivery Plan.

Committee member Jonathan Smith mentioned that the Scott Road / Bundy Canyon Road corridor could be a candidate for consideration.

Ms. Medina responded that a survey will be distributed through WRCOG to gauge the number of projects that could be under construction within the next three years.

Committee member Thomas asked if there is a timeline for Cycle 2.

Ms. Medina responded that there is no specific timeline set.

Chair Patty Romo asked whether the two remaining projects on the original list would remain in consideration for future funding.

Ms. Medina responded that she envisions the projects remaining on the list for Cycle 2.

**Action:**        1.        *Received and filed.*

## **8. REPORT FROM THE DIRECTOR OF TRANSPORTATION & PLANNING**

Christopher Gray announced that staff is requesting input on regional evacuations maps developed as part of the Regional Climate Adaptation Toolkit project and recommended that the Committee members coordinate with their Planning Directors in reviewing the document.

Mr. Gray also announced that the General Assembly is being expanded to include a morning session of panels which will discuss autonomous vehicles, the future of housing, and the economic impacts of automation.

## **9. ITEMS FOR FUTURE AGENDAS**

There were no items for future agendas.

## **10. GENERAL ANNOUNCEMENTS**

Chair Patty Romo stated that RCTC will begin work on the SR-60 Truck Climbing Lanes in July. Prior to this work commencing, the County of Riverside is working to award a contract to resurface Gilman Springs Spring.

Committee member Dan York stated that the AQMD Mobile Source Air Pollution Reduction Review Committee (MSRC) will begin a three-year plan, focusing on goods movement. Committee member York will coordinate with WRCOG staff to have an MSRC member provide a presentation in the following months.

## **11. NEXT MEETING**

The next Public Works Committee meeting is scheduled for Thursday, May 9, 2019, at 2:00 p.m., at WRCOG's office located at 3390 University Avenue, Suite 450, Riverside.

## **12. ADJOURNMENT**

The meeting of the Public Works Committee adjourned at 3:40 p.m.



# Western Riverside Council of Governments Public Works Committee

## Staff Report

**Subject:** WRCOG Committees and Agency Activities Update

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

**Date:** May 9, 2019

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*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.

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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 April.

**Prior Action:**

None.

**Fiscal Impact:**

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

**Attachments:**

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

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# Item 6.A

WRCOG Committees and Agency  
Activities Update

## Attachment 1

WRCOG April Committees Activities  
Matrix (Action items only)

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| <b><u>WRCOG Committees</u></b><br><b><u>Activities Matrix</u></b><br><b><u>(Action Items Only)</u></b> | <u>Executive Committee</u>                                                                                                                                                                                                                                                                                                     | <u>Administration &amp; 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:                                                                                       | 4/1/19                                                                                                                                                                                                                                                                                                                         | 4/10/19                                       | 4/18/19                                                                                                                                                                                                                          | 4/11/19                             | 4/11/19                       | 4/25/19                            | Did not meet                 |
| <b>Current Programs / Initiatives:</b>                                                                 |                                                                                                                                                                                                                                                                                                                                |                                               |                                                                                                                                                                                                                                  |                                     |                               |                                    |                              |
| Regional Streetlights Program                                                                          | Received and filed.                                                                                                                                                                                                                                                                                                            | n/a                                           | Recommended that the Executive Committee adopt a "Support" position for Congressional Bill H.R 530 (Eshoo) and authorized the Executive Director to transmit a letter on behalf of WRCOG indicating WRCOG's support for H.R 530. | n/a                                 | n/a                           | n/a                                |                              |
| Property Assessed Clean Energy (PACE) Programs                                                         | 1) Adopted WRCOG Resolution Number 05-19; 2) approved the Administration & Finance Committee's recommendation to allow refinancing on Commercial PACE projects; and 3) approved the Administration & Finance Committee's recommendation to allow a 30-year term for Commercial PACE projects that have met certain conditions. | n/a                                           | n/a                                                                                                                                                                                                                              | n/a                                 | n/a                           | n/a                                |                              |
| TUMF                                                                                                   | 1) Approved the 2019 Central Zone TIP; 2) approved the 2019 TUMF Network Administrative Amendment.                                                                                                                                                                                                                             | Received and filed.                           | n/a                                                                                                                                                                                                                              | n/a                                 | n/a                           | Received and filed.                |                              |
| Fellowship                                                                                             | n/a                                                                                                                                                                                                                                                                                                                            | n/a                                           | Received and filed.                                                                                                                                                                                                              | n/a                                 | n/a                           | n/a                                |                              |
|                                                                                                        |                                                                                                                                                                                                                                                                                                                                |                                               |                                                                                                                                                                                                                                  |                                     |                               |                                    |                              |
| <b>New Programs / Initiatives:</b>                                                                     |                                                                                                                                                                                                                                                                                                                                |                                               |                                                                                                                                                                                                                                  |                                     |                               |                                    |                              |
| EXPERIENCE                                                                                             | n/a                                                                                                                                                                                                                                                                                                                            | n/a                                           | n/a                                                                                                                                                                                                                              | n/a                                 | n/a                           | n/a                                |                              |

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# Item 6.A

WRCOG Committees and Agency  
Activities Update

## Attachment 2

Summary recaps from April  
Committee meetings

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**Western Riverside Council of Governments  
Executive Committee  
Meeting Recap  
April 1, 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](#).*

**Environmental Department Application for Cal Recycle HHW Small Projects Program Grant**

- The California Department of Resources Recycling and Recovery (CalRecycle) opened its 33rd round of Household Hazardous Waste (HHW) Small Projects Program Grant application.
- The Committee authorized the submittal of the HHW Small Projects Program Grant application for WRCOG's environmental department to expand the reach of current environmental programs.

**PACE Program Update**

- The Committee approved the finalized agreements to accept Twain Financial Partners Holding, LLC into WRCOG's Commercial PACE Program.
- The Committee moved to allow refinancing for Commercial PACE projects so long as there is demonstrated savings to the owner and that the financing term does not outlast the estimated useful life of the product.
- In an effort to mirror typical development financing terms, the Committee also approved the option for a 30-year financing term for Commercial PACE projects, increasing the previous maximum financing term for Commercial PACE by five years.

**TUMF Program Activities Update**

- The Committee approved the 2019 Central Zone Transportation Improvement Program with support from each of the agencies in the Central Zone Committee (the Cities of Moreno Valley, Perris, and Menifee, and the County of Riverside).
- The TUMF Network is the list of projects that can be funded with TUMF funds, broken into two general categories: backbone and secondary projects. Backbone projects typically carry higher levels of traffic between zones and are therefore eligible for additional funding administered through RCTC. The Committee approved the TUMF Network Administrative Amendment to allow for additional backbone projects in the Pass Zone.
- The online TUMF Collection Portal will be completed between July and August of this year, which will allow developers to pay fees online.

**Fee Comparison Analysis – Final Report**

- WRCOG recently completed an update to the 2016 Fee Comparison Analysis utilizing similar methodology and further analyzed fees in neighboring jurisdictions in San Bernardino and the Coachella Valley.
- The Report can be found here: <http://wrcog.us/DocumentCenter/View/5901/Fee-Comparison-Analysis-2018>
- The Analysis was conducted across five types of development: single-family residential, multifamily residential, retail, office, and industrial.

- Overall, the average development impact fees for WRCOG jurisdictions are lower than the average of selected San Bernardino County cities, except for retail development impact fees. Average development fees for a single-family home in the subregion is \$47,470, and \$29,706 for a multifamily home.

#### **Western Riverside County's Clean Cities Coalition Activities Update**

- The Western Riverside County's Clean Cities Coalition, administered by WRCOG, focuses on educating the public on air quality, advanced technology, alternative fuels, and other air quality-related issues. It historically has also helped jurisdictions purchase alternative fuel vehicles and assisted with seeking funds for implementation of alternative fuel vehicle fueling and charging stations.
- Since the inception of the Coalition, over five thousand alternative fleet vehicles have come to the subregion, yielding over 9 million gallons of gasoline conserved.
- The Coalition will host an AltCar Expo on October 16, 2019, which will facilitate fuel and technology workshops showcasing advanced technology vehicles and refueling or charging stations.

#### **Next Meeting**

The next Executive Committee meeting is scheduled for Monday, May 6, 2019, at 2:00 p.m., at the County of Riverside Administrative Center, 1st Floor Board Chambers.





**Western Riverside Council of Governments  
Administration & Finance Committee  
Meeting Recap  
April 10, 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](#).*

**Regional Energy Network (REN) Development Activities Update**

- WRCOG, in partnership with the Coachella Valley Association of Governments (CVAG) and San Bernardino Council of Governments (SBCOG), is aiming to create a REN that would advance the subregion's energy efficiency capabilities and result in broader energy savings across communities.
- The Committee recommended that the Executive Committee authorize contract negotiations between WRCOG and Frontier Energy to develop a Business Plan for the REN, the cost of which would be shared between the three COGs.

**Preliminary Draft Fiscal Year 2019/2020 Agency Budget**

- WRCOG's 2019/2020 annual budget is vetted through its Committee structure and adopted by the General Assembly in June. The preliminary Draft Budget is divided into four departments including Administration, Energy, Transportation & Planning, and Environment. Each of the four departments exhibits a balanced budget for the 2019/2020 Fiscal Year.
- WRCOG is pursuing three fiscal goals to decrease expenditures and increase revenues: 1) to reduce PERS unfunded liability, 2) to sublease approximately 2,000 square feet of existing office space, and 3) to expand the PACE Program commercial footprint.

**28th Annual General Assembly & Leadership Conference: Nominations for Outstanding Community Service Award**

- In preparation for the 28th annual WRCOG General Assembly and Leadership Conference on June 20, 2019, the Committee discussed nominations for the 2019 Award for Outstanding Community Service.
- To better honor the variety of efforts undertaken by community members, the Committee moved to create three categories within the Outstanding Community Service Award: 1) individual, 2) governmental agency, and 3) non-profit organization.
- The candidates being recommended to the Executive Committee for final approval are: Tom Evans (individual); the City of Lake Elsinore (government agency); and SWAG (non-profit organization).

**TUMF Fee Calculation Handbook Updates: High Cube Warehouse Calculations and Administrative Updates**

- In response to questions raised by member agencies, staff conducted research to investigate whether fulfillment and distribution centers generate more traffic than high cube warehouses, and if this difference constitutes a new category in WRCOG's TUMF Fee Calculation Handbook.
- Research indicates that distribution centers do generate more regional traffic than high-cube warehouses, however, it was determined that the difference is better addressed by a new calculation number rather than the creation of a new category in the TUMF Fee Calculation Handbook.

**Options for Potential WRCOG Assistance for Regional Housing Needs Assessment Subregional Delegation**

- The 6th RHNA cycle is projected to begin in Fall 2019. SCAG typically calculates and assigns RHNA numbers to cities; however, subregional delegation is an option for interested jurisdictions.

- The advantages of subregional delegation include a distribution methodology created specifically for the subregion and greater local control and transparency.
- Among the potential challenges associated with subregional delegation, most notable are the high costs, legal risks, and potential friction between WRCOG and its member jurisdictions.
- WRCOG's research indicates that taking on subregional delegation would not likely yield a change in the total housing units to be distributed within the subregion, and the distribution between member jurisdictions may not substantively differ from a SCAG-led allocation.

#### **Next Meeting**

The next Administration & Finance Committee meeting is scheduled for Wednesday, May 8, 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  
April 11, 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](#).*

### **Senate Bill 2 Planning Grant Overview**

- Senate Bill 2, included in the 2017 Housing Package, created a planning grant program with the goal of making funding available to all local governments in California for the preparation, adoption and implementation of plans that streamline housing approvals and accelerate housing production.
- An overview presentation was given by a consulting firm PlaceWorks, who have been contracted through the state to assist with applications and identification of eligible activities.
- Eligible applicants are incorporated cities/towns and counties. The maximum funding amount is dependent on population size
  - Population < 60k grant amount = \$160,0000
  - Population = 60k-200k, grant amount = \$310,000
  - Population > 200k, grant amount = \$625,000
- Priority Policy Areas (PPA's) are eligible high impact activities that will be streamlined for approval and include rezoning to permit by-right, objective design and development standards, expedited processing and innovative housing finances, to name a few.
- Applications are available now and funding is available on a non-competitive basis. Of important note, jurisdictions will only be permitted to submit one application, and are encouraged to ask for their full allocation in that application.

### **Resilient IE Activities Update**

- Resilient IE, a Caltrans grant-funded project jointly led by WRCOG and SBCTA, is developing a toolkit of resources to make the region's transportation infrastructure more resilient to climate-related hazards. Included in the toolkit is the development of a network of city-level hazard and evacuation maps, Accessible through ArcGIS at <http://arcg.is/1y10em>.
- Committee members are asked to review and provide input regarding the roadways selected for the jurisdiction and provide input on any needed modifications including the addition or removal of a roadway and/or the need to add a roadway to create a redundancy for any reason. Input should be submitted to [ahoward@wrcog.us](mailto:ahoward@wrcog.us) by Friday, April 19, 2019.

### **RHNA Subregional Delegation**

- The 6th RHNA cycle is projected to begin in Fall 2019. SCAG typically calculates and assigns RHNA numbers to cities; however, subregional delegation is an option for interested jurisdictions.
- The advantages of subregional delegation include a distribution methodology created specifically for the subregion and greater local control and transparency.
- Among the potential challenges associated with subregional delegation, most notable are the high costs, legal risks, and potential friction between WRCOG and its member jurisdictions.
- WRCOG's research indicates that taking on subregional delegation would not yield a change in the total housing units to be distributed within the subregion, and the distribution between member jurisdictions may not substantively differ from a SCAG-led allocation.

## **Legislative Platform Policy Area Activities Update: Housing**

- In accordance with WRCOG's 2019-2020 Legislative Platform, WRCOG has begun meeting with regional elected officials to provide a voice for Western Riverside County regarding housing and RHNA.
- In addition, WRCOG has drafted a RHNA White Paper which offers a solutions-based roadmap for improving the RHNA process. The Outline was included as an attachment to the staff report on this item and staff are seeking input from member agencies and stakeholders on recommended additions and/or modifications to the White Paper content.
- Additionally, members are encouraged to share any information on their experiences planning for and developing housing, including stories and anecdotal information, which WRCOG could use as talking points when discussing housing with lawmakers.
- Staff ask that comments on the White Paper Draft and/or other stories be submitted by April 30, 2019 to [ahoward@wrcog.us](mailto:ahoward@wrcog.us).

### **Next Meeting**

The next Planning Directors Committee meeting is scheduled for Thursday, May 9, 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  
April 11, 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](#).*

**Small Cell Deployment Activities Update**

- HR Green staff provided a presentation on the impacts of new technologies to local agencies and what local agencies can do to prepare for small cell deployment in the region.
- The presentation focused on potential policies that local agencies can adopt to accommodate the new technology while providing local control.

**UrbanLeap Innovation Platform**

- UrbanLeap staff provided a presentation on its platform which was developed to assist agencies discover, test and share best practices and innovative solutions.
- A demonstration of the platform utilized by the City of Las Vegas was provided to the Committee.
- UrbanLeap staff discussed potential application to the WRCOG subregion on the platform, which offers a low-risk method to test ideas and solutions prior to larger-scale implementation.

**2019 TUMF Construction Cost Index Adjustment**

- Staff provided an update on the Construction Cost Index adjustment to the TUMF schedule, which will be presented to the Committee in May for a recommendation.
- The Construction Cost Index is an administrative element of the TUMF Program, which is intended to keep the dollar value of the TUMF whole.

**TUMF Regional Arterial Program**

- Riverside County Transportation Commission (RCTC) staff provided a presentation on initial discussions for a TUMF Regional Arterial Program, Cycle 2. The initial cycle of the TUMF Regional Arterial Program commenced in the mid-2000's and is nearing completion.
- Staff will distribute a survey to the Committee to gauge the number of projects in the TUMF Program that are nearing construction readiness for potential funding.
- Staff would note that RCTC has not determined the selection criteria or timeline for Cycle 2, though construction readiness will be emphasized.

**Next Meeting**

The next Public Works Committee meeting is scheduled for Thursday, May 9, 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  
Meeting Recap  
April 18, 2019**

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

**Preliminary Draft Fiscal Year 2019/2020 Agency Budget**

- WRCOG's 2019/2020 annual budget is under development and will be reviewed by its Committee structure prior to scheduled adoption by the General Assembly on June 20. The preliminary Draft Budget is divided into four departments including Administration, Energy, Transportation & Planning, and Environment. Each of the four departments exhibits a balanced budget for the 2019/2020 Fiscal Year.
- WRCOG is pursuing three fiscal goals to decrease expenditures and increase revenues: 1) to reduce PERS unfunded liability, 2) to sublease approximately 2,000 square feet of existing office space, and 3) to expand the PACE Program commercial footprint.

**Fee Comparison Analysis – Final Report**

- WRCOG recently completed an update to the 2016 Fee Comparison Analysis utilizing similar methodology and further analyzed fees in neighboring jurisdictions in San Bernardino and the Coachella Valley.
- Analysis was conducted across five types of development: single-family residential, multifamily residential, retail, office, and industrial.
- Overall, the average development impact fees for WRCOG jurisdictions are lower than the average of selected San Bernardino County cities, except for retail development impact fees. Average development fees for a single-family home in the subregion is \$47,470, and \$29,706 for a multifamily home.
- The Report can be found here: <http://wrcog.us/DocumentCenter/View/5901/Fee-Comparison-Analysis-2018>

**RHNA Subregional Delegation**

- The 6th RHNA cycle is projected to begin in Fall 2019. SCAG typically calculates and assigns RHNA numbers to jurisdictions; however, subregional delegation is an option for interested jurisdictions.
- Potential advantages of subregional delegation include a distribution methodology created specifically for the subregion and greater local control and transparency.
- Potential challenges associated with subregional delegation include costs that likely would not be reimbursed, legal risks, and potential friction between WRCOG and its member jurisdictions.
- WRCOG's examination into this indicates that taking on subregional delegation would not likely yield a significant change in the total housing units to be distributed within the subregion, and the distribution between member jurisdictions may not substantively differ from a SCAG-led allocation.

**Development of a Regional Energy Network (REN) to Replace the Western Riverside Energy Partnership**

- WRCOG, in partnership with the Coachella Valley Association of Governments (CVAG) and San Bernardino Council of Governments (SBCOG), is examining the creation of a Regional Energy Network

that would advance the subregion's energy efficiency capabilities, result in broader energy savings across communities, and provide more funding for accomplishing these objectives compared to that currently received through the Western Riverside Energy Partnership.

- The TAC recommended that the Executive Committee authorize contract negotiations between WRCOG and a consultant to develop a Business Plan for the REN, the cost of which would be shared between the three COGs.

#### **Public Service Fellowship Activities Update**

- Since the inception of the Program in 2016, 49 Public Service Fellows have been placed throughout member agencies.
- A number of graduating Round III Fellows presented to the TAC on their experience in the Program; afterward staff hosted a Completion Mixer to highlight Fellows searching for full-time employment opportunities.

#### **Next Meeting**

The next Technical Advisory Committee meeting is scheduled for Thursday, May 16, 2019, at 9:30 a.m. in WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



**Western Riverside Council of Governments  
Finance Directors Committee  
Meeting Recap  
April 25, 2019**

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

**Presentation by the Riverside County Sheriff Chad Bianco**

- Chad Bianco, Riverside County Sheriff, spoke about the first few months in his new role as Sheriff and discussed some of the financial challenges in his role as the Sheriff.
- The Sheriff indicated the administrative staff has completely changed and they are understaffed on Deputy's and actively recruiting.
- The Sheriff indicated that costs for contract cities should not be going up, but since he has just assumed his role, he is having his staff do a comprehensive analysis of costs to run the Sheriff's department and should have better idea regarding costs in the upcoming months.

**3rd Quarter Draft Budget Amendment for Fiscal Year 2018/2019**

- 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 a grant.
- Overall, there was a net expenditure increase of \$24,870, which is from the RIVTAM update, which will be reimbursed by a grant.

**TUMF Calculation and Collection Process Update**

- TUMF has collected \$40M in the first nine months of the fiscal year and is up \$7M from the same time last year.
- Industrial is now the second-highest contributor to TUMF collections.
- WRCOG staff are continuing to work with member agencies in the transition to take over the TUMF calculation/collection process.

**Preliminary Draft Fiscal Year 2019/2020 Agency Budget**

- WRCOG's 2019/2020 annual budget is under development and will be reviewed by the WRCOG Committee structure prior to scheduled adoption by the General Assembly on June 20. The Preliminary Draft Budget is divided into four departments including Administration, Energy, Transportation & Planning, and Environment. Each of the four departments exhibits a balanced budget for the 2019/2020 Fiscal Year.
- 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.



### **Items for Future Agenda**

- The Finance Directors Committee expressed an interest in hearing from CalPERS about upcoming rates and how they will affect each jurisdiction.

### **Next Meeting**

The next meeting of the Finance Directors Committee is scheduled for Thursday, July 25, 2019, at 1:00 p.m., at WRCOG's office located at 3390 University Avenue, Suite 450, Riverside.

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# Western Riverside Council of Governments

## Public Works Committee

### Staff Report

**Subject:** 2019 TUMF Construction Cost Index Adjustment

**Contact:** Daniel Ramirez-Cornejo, Program Manager, [dramirez-cornejo@wrcog.us](mailto:dramirez-cornejo@wrcog.us), (951) 405-6712

**Date:** May 9, 2019

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

#### **Requested Action:**

1. Discuss and provide input.

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 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. Though the Caltrans CCI is not a factor in determining the adjustment to the TUMF, it is shown on the below graph to demonstrate the sharp increase. Factors contributing to the increase 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 schedule, the TUMF schedule included in the 2016 Nexus Study, and the proposed CCI adjustment. WRCOG is required, per the TUMF Administrative Plan, to present the 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.

| <b>Land Use Type</b>      | <b>Units</b> | <b>Current TUMF</b> | <b>2016 Nexus Study TUMF</b> | <b>CCI Adjustment</b> |
|---------------------------|--------------|---------------------|------------------------------|-----------------------|
| Single-Family Residential | DU           | \$ 8,873.00         | \$ 9,418.00                  | \$ 9,810.00           |
| Multi-Family Residential  | DU           | \$ 6,134.00         | \$ 6,134.00                  | \$ 6,389.00           |
| Retail                    | SF           | \$ 7.50             | \$ 12.31                     | \$ 13.01              |
| Service                   | SF           | \$ 4.56             | \$ 4.56                      | \$ 4.75               |
| Industrial                | SF           | \$ 1.77             | \$ 1.77                      | \$ 1.81               |

Staff is requesting a recommendation from the Public Works Committee to be forwarded to the Executive Committee for review and action in June. Staff would note that during the 2016 Nexus Study update process the Executive Committee approved a reduction to the TUMF retail land use fee. The reduction to the TUMF retail land use fee was 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 TUMF. The first portion of the phase-in is expected to be implemented July 1, 2019.

**Prior Action:**

April 11, 2019: The Public Works Committee received and filed.

**Fiscal Impact:**

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

**Attachment:**

None.



# Western Riverside Council of Governments Public Works Committee

## Staff Report

**Subject:** TUMF Revenue, Calculation and Collection Process Update

**Contact:** Daniel Ramirez-Cornejo, Program Manager, [dramirez-cornejo@wrcog.us](mailto:dramirez-cornejo@wrcog.us), (951) 405-6712

**Date:** May 9, 2019

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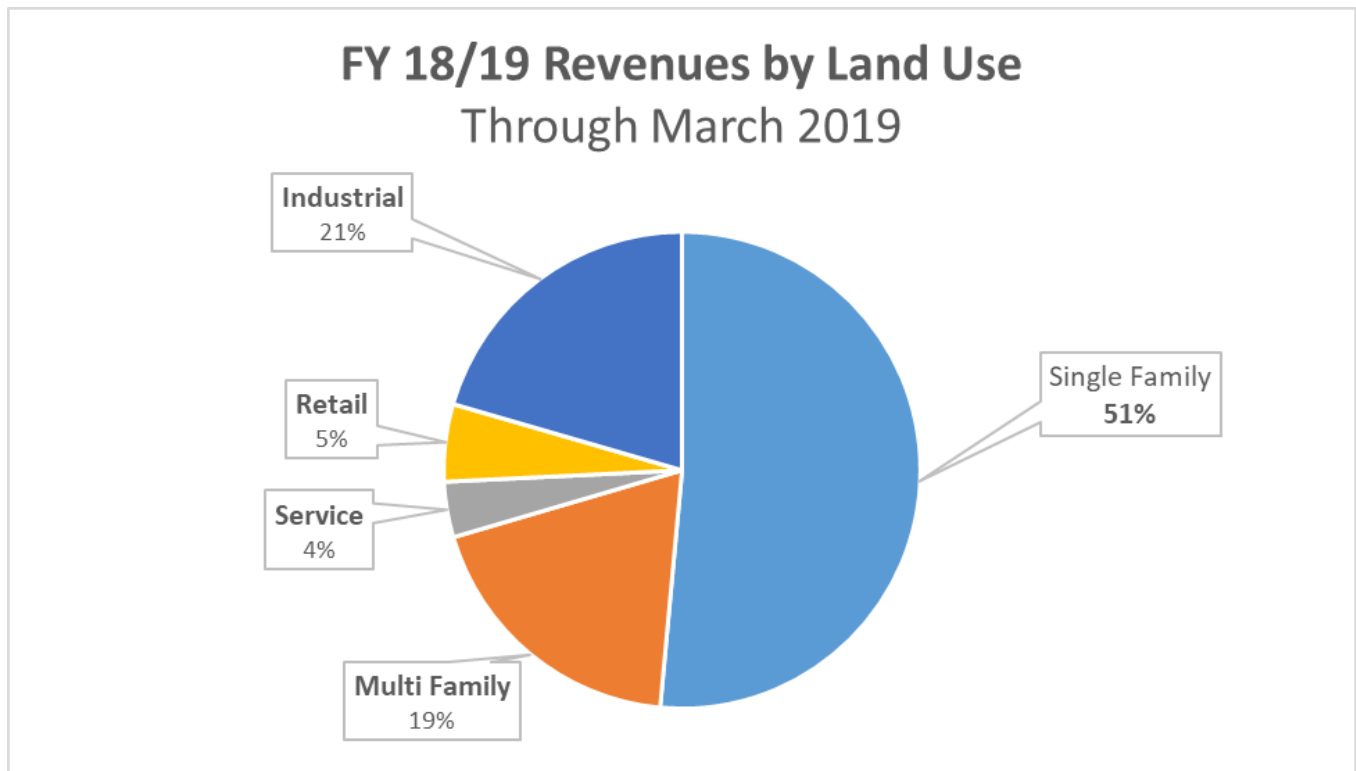
*The purpose of this item is to provide an update on TUMF revenues collected and implementation of the revision to the TUMF calculation process.*

**Requested Action:**

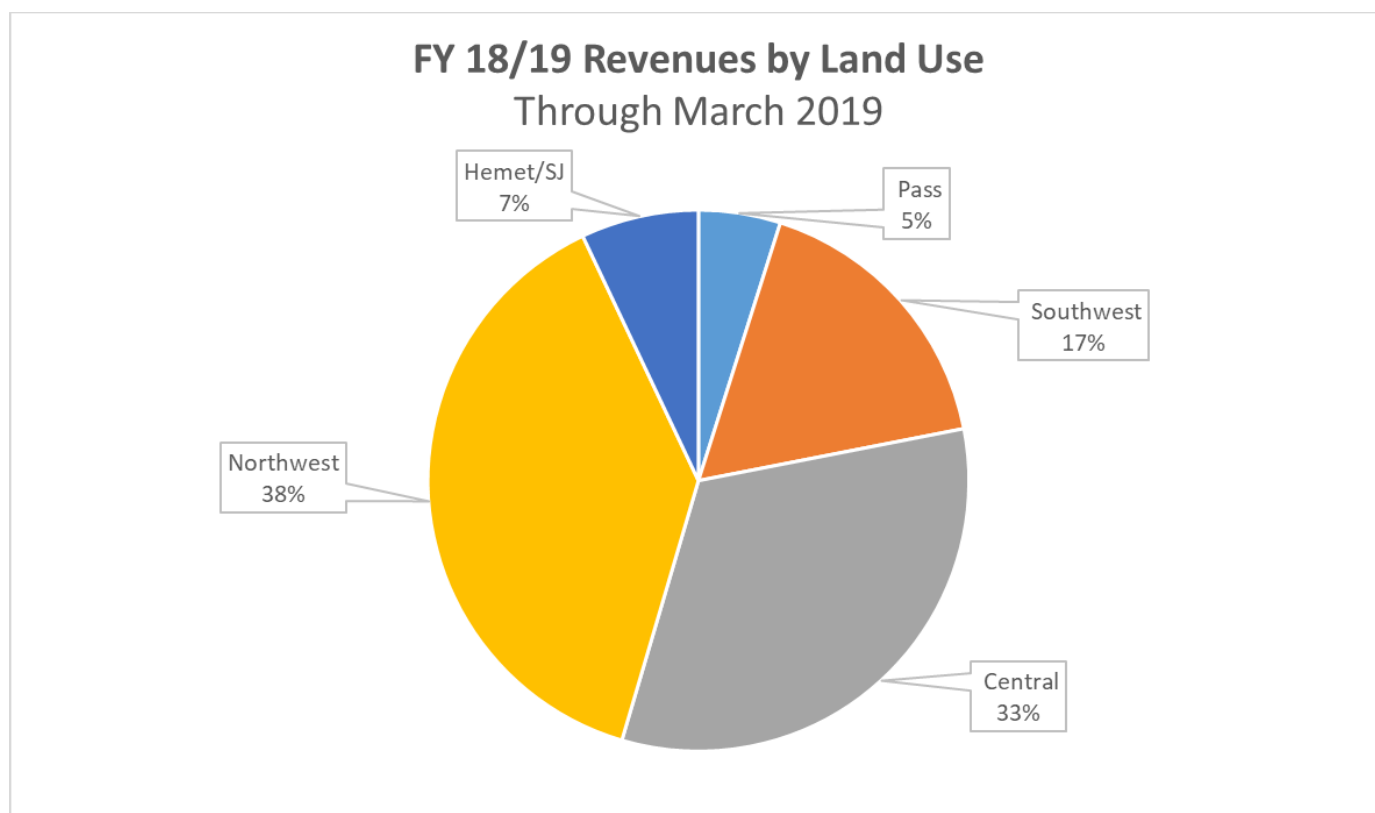
1. Receive and file.
- 

**March 2019 TUMF Revenue**

For the month of March 2019, the TUMF Program collected \$4.5 million. As shown in the following chart, of the \$45M collected this fiscal year to date, approximately 53%, or \$23M, has been from single-family residential projects, followed by approximately 21%, or \$9M, from industrial projects. Through March 2019, multi-family residential development for Fiscal Year 2018/2019 (\$8.5M) has exceeded multi-family development collections for Fiscal Year 2017/2018, which was \$3.5M.



Through the month of March 2019, the Northwest and Central Zones have collected approximately 71% of all TUMF collections. Pass Zone TUMF collections for Fiscal Year 2018/2019 have exceeded Fiscal Year 2017/2018 collections by approximately \$2.1M.



### **TUMF Calculation and Collection Policy Revision**

In October 2018, the Executive Committee approved an update to the TUMF calculation and collection process to allow an option for member agencies to shift the responsibility for TUMF calculation and collection to WRCOG. The option to delegate TUMF calculation and collection to WRCOG will only become effective for a member agency with action by the elected body of the agency to approve the TUMF Ordinance Amendment. Sixteen-member agencies have indicated to WRCOG their intention to shift responsibility for fee calculation and collection to WRCOG and have presented or are planning to present the amended TUMF Ordinance for approval. Implementation of the new TUMF calculation and collection process began on March 1, 2019, in several cities and will occur on a rolling basis because implementation is contingent on TUMF participating agencies approving a TUMF Ordinance Amendment.

Developers currently have the option to pay TUMF electronically to WRCOG through wire transfers or checks delivered to the WRCOG office. Based on the first two months of TUMF collections by WRCOG, most payments have been made electronically. WRCOG is also working with a vendor to develop an online fee portal to provide a second electronic option for developers to make TUMF payments. The online fee portal will provide TUMF participating agency staff the option to prepare reports of fee payments that have been made in their specific agency.

As TUMF is collected by WRCOG in each of the 16 TUMF participating agencies that have opted to delegate the fee collection to WRCOG, staff will provide each agency with a detailed report of the TUMF fee assessments and collections for new development projects.

The Cities of Beaumont, Lake Elsinore, and Perris and the County of Riverside have indicated that they will not be opting-in to the process at this time. The following table provides an update for each TUMF Program participating agency:

| Agency              | Opt-In | Estimated Effective Date |
|---------------------|--------|--------------------------|
| County of Riverside | No     |                          |
| Northwest           |        |                          |
| Riverside           | In     | 5/1/2019                 |
| Corona              | In     | 3/1/2019                 |
| Norco               | In     | 5/1/2019                 |
| March JPA           | In     | 5/1/2019                 |
| Eastvale            | In     | 4/1/2019                 |
| Jurupa Valley       | In     | 5/1/2019                 |
| Southwest           |        |                          |
| Canyon Lake         | In     | Summer 2019              |
| Temecula            | In     | 4/1/2019                 |
| Lake Elsinore       | No     |                          |
| Murrieta            | In     | 4/1/2019                 |
| Wildomar            | In     | 5/1/2019                 |
| Central             |        |                          |
| Moreno Valley       | In     | 5/1/2019                 |
| Menifee             | In     | 4/1/2019                 |
| Perris              | No     |                          |
| Pass                |        |                          |
| Banning             | In     | Summer 2019              |
| Beaumont            | No     |                          |
| Calimesa            | In     | 5/1/2019                 |
| Hemet / San Jacinto |        |                          |
| Hemet               | In     | 5/1/2019                 |
| San Jacinto         | In     | Summer 2019              |

**Prior Action:**

April 25, 2019: The Finance Directors Committee received and filed.

**Fiscal Impact:**

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

**Attachment:**

1. TUMF Revenue and Expenditures March 2019

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# Item 7.B

TUMF Revenue, Calculation and  
Collection Process Update

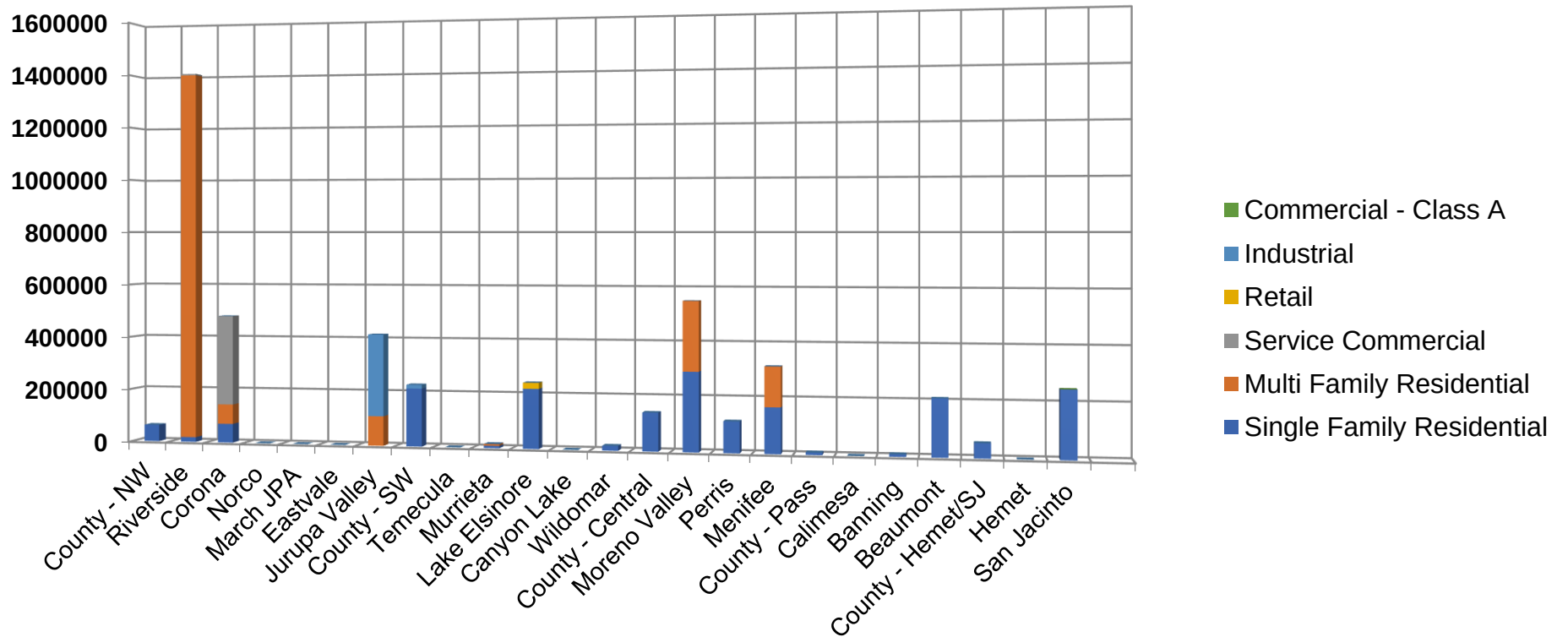
## Attachment 1

TUMF Revenue and Expenditures  
March 2019

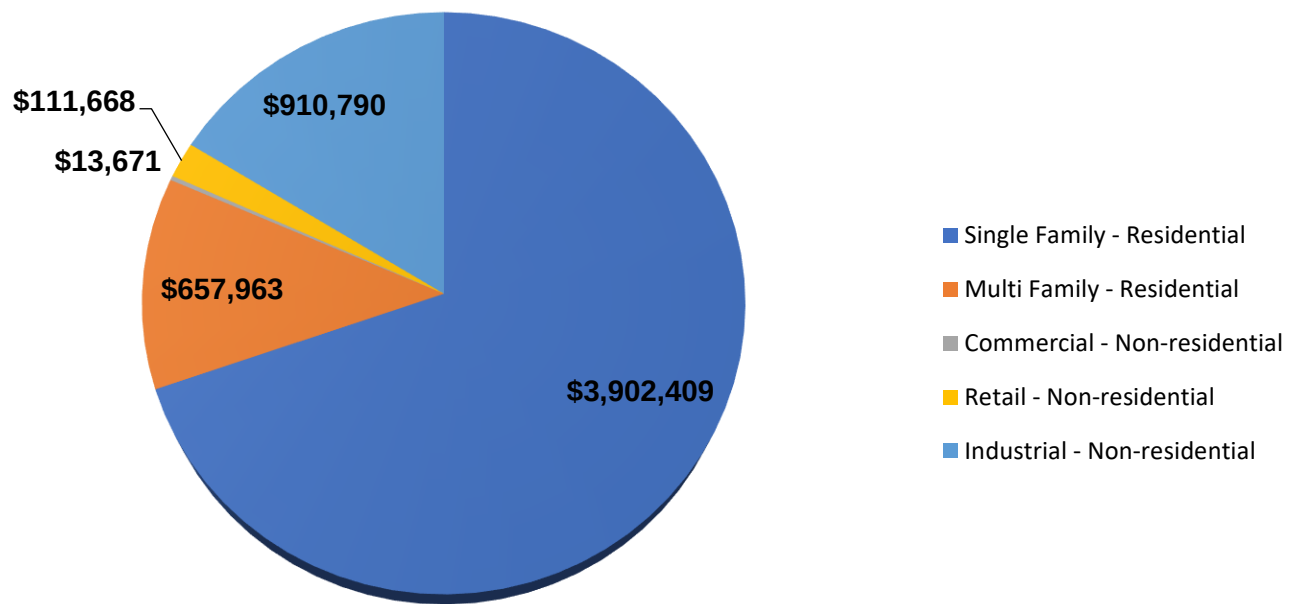
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## March 2019 TUMF Revenues by Jurisdiction

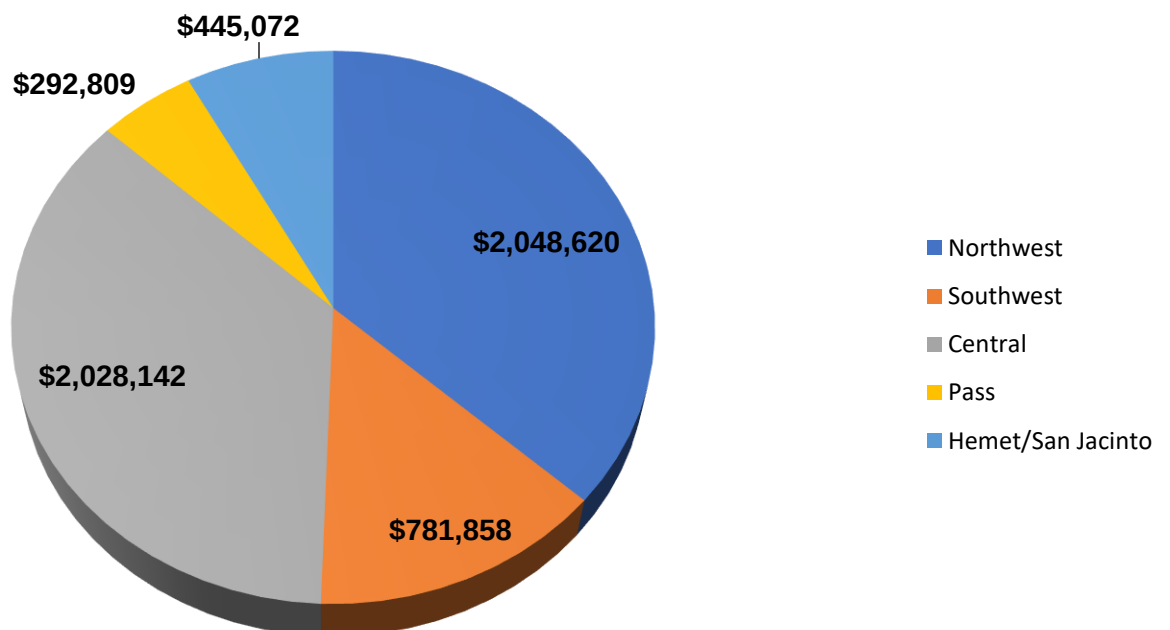
Total Revenue - \$4,525,428



### March 2019 TUMF revenues by land-use type



### March 2019 TUMF Revenues by Zone



| Jurisdiction      | Fiscal Year<br>17-18 | 2018<br>July | August      | September    | October      | November    | December    | 2019<br>January | February    | March       | Fiscal Year<br>18-19 |
|-------------------|----------------------|--------------|-------------|--------------|--------------|-------------|-------------|-----------------|-------------|-------------|----------------------|
| Banning           | \$34,831             | \$0          | \$0         | \$0          | \$0          | \$8,873     | \$0         | \$0             | \$8,873     | \$8,873     | \$26,619             |
| Beaumont          | \$1,122,229          | \$266,190    | \$177,460   | \$640,153    | \$0          | \$204,079   | \$150,841   | \$292,809       | \$0         | \$210,290   | \$1,941,822          |
| Calimesa          | \$17,782             | \$8,873      | \$0         | \$8,873      | \$8,873      | \$0         | \$0         | \$57,722        | \$44,365    | \$0         | \$128,706            |
| Canyon Lake       | \$84,301             | \$17,746     | \$0         | \$8,873      | \$0          | \$8,873     | \$0         | \$0             | \$26,619    | \$0         | \$62,111             |
| Corona            | \$1,789,431          | \$133,095    | \$62,111    | \$86,141     | \$754,985    | \$797,314   | \$141,968   | \$352,770       | \$807,820   | \$480,847   | \$3,617,051          |
| Eastvale          | \$4,234,019          | \$0          | \$62,111    | \$88,010     | \$0          | \$246,082   | \$0         | \$128,176       | \$116,666   | \$0         | \$641,044            |
| Hemet             | \$655,213            | \$18,292     | \$4,359     | \$24,770     | \$141,968    | \$34,365    | \$0         | \$71,557        | \$85,460    | \$0         | \$380,771            |
| Jurupa Valley     | \$5,613,221          | \$283,936    | \$603,364   | \$882,363    | \$480,879    | \$440,450   | \$141,968   | \$178,772       | \$212,140   | \$416,441   | \$3,640,313          |
| Lake Elsinore     | \$4,042,675          | \$53,238     | \$115,349   | \$452,523    | \$17,746     | \$60,551    | \$125,560   | \$143,578       | \$215,307   | \$244,325   | \$1,428,176          |
| March JPA         | \$2,009,269          | \$0          | \$0         | \$154,348    | \$742,413    | \$0         | \$0         | \$0             | \$0         | \$0         | \$896,761            |
| Menifee           | \$3,221,139          | \$0          | \$460,096   | \$342,134    | \$285,916    | \$296,045   | \$355,151   | \$251,990       | \$2,200,434 | \$315,803   | \$4,507,568          |
| Moreno Valley     | \$6,971,308          | \$523,507    | \$1,125,812 | \$194,029    | \$1,594,874  | \$1,767,561 | \$0         | \$478,630       | \$345,642   | \$550,437   | \$6,580,491          |
| Murrieta          | \$3,142,420          | \$354,034    | \$259,801   | \$257,317    | \$150,841    | \$70,984    | \$0         | \$112,370       | \$98,144    | \$15,007    | \$1,318,499          |
| Norco             | \$253,632            | \$5,424      | \$205,656   | \$0          | \$748,545    | \$0         | \$8,873     | \$168,456       | \$0         | \$0         | \$1,136,954          |
| Perris            | \$769,084            | \$301,682    | \$17,746    | \$593,560    | \$0          | \$35,492    | \$146,897   | \$141,968       | \$41,412    | \$115,349   | \$1,394,106          |
| Riverside         | \$3,567,176          | \$1,564,054  | \$280,738   | \$146,047    | \$647,399    | \$1,426,528 | \$115,349   | \$127,141       | \$116,431   | \$1,404,411 | \$5,828,097          |
| San Jacinto       | \$2,445,168          | \$409,034    | \$70,984    | \$177,460    | \$292,809    | \$120,681   | \$35,492    | \$452,523       | \$79,857    | \$248,444   | \$1,887,284          |
| Temecula          | \$1,822,548          | \$91,212     | \$259,701   | \$1,267      | \$177,329    | \$65,991    | \$21,905    | \$62,111        | \$69,622    | \$0         | \$749,138            |
| Wildomar          | \$1,309,894          | \$35,492     | \$8,873     | \$8,873      | \$67,119     | \$0         | \$110,882   | \$0             | \$0         | \$17,746    | \$248,985            |
| County Central    | \$3,779,337          | \$1,202,953  | \$239,571   | \$44,365     | \$150,841    | \$26,619    | \$186,333   | \$26,619        | \$62,111    | \$141,968   | \$2,081,380          |
| County Hemet/S.J. | \$515,274            | \$17,746     | \$12,092    | \$380,390    | \$44,953     | \$74,532    | \$8,873     | \$159,708       | \$117,118   | \$54,414    | \$869,826            |
| County Northwest  | \$2,169,944          | \$62,111     | \$106,476   | \$177,460    | \$17,746     | \$416,033   | \$80,583    | \$354,920       | \$88,730    | \$62,111    | \$1,366,170          |
| County Pass       | \$144,898            | \$17,746     | \$8,873     | \$0          | \$0          | \$26,619    | \$0         | \$26,619        | \$0         | \$8,873     | \$88,730             |
| County Southwest  | \$3,700,525          | \$230,136    | \$366,272   | \$737,857    | \$834,498    | \$116,277   | \$384,733   | \$706,435       | \$177,460   | \$230,089   | \$3,783,756          |
| Total             | \$ 53,415,318        | \$ 5,596,500 | \$4,447,445 | \$ 5,406,812 | \$ 7,159,735 | \$6,243,949 | \$2,015,407 | \$ 4,294,872    | \$4,914,210 | \$4,525,428 | \$ 44,604,357        |

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# Western Riverside Council of Governments

## Public Works Committee

### Staff Report

**Subject:** TUMF Network Review

**Contact:** Daniel Ramirez-Cornejo, Program Manager, [dramirez-cornejo@wrcog.us](mailto:dramirez-cornejo@wrcog.us), (951) 405-6712

**Date:** May 9, 2019

*The purpose of this item is to provide an update on the approach WRCOG anticipates utilizing in reviewing the TUMF Network for future Nexus Study updates.*

#### **Requested Action:**

1. Receive and file.

#### **TUMF Nexus Study Update**

The TUMF Nexus Study contains the Regional System of Highways and Arterials (TUMF Network), which is the system of roadways that serve inter-community trips within Western Riverside County and therefore are eligible for improvement funding with TUMF funds. During updates to the TUMF Nexus Study, WRCOG conducts a review of the projects in the TUMF Network to ensure that the projects included in the TUMF Program meet the necessary criteria. In anticipation of the next Nexus Study update, staff will begin coordinating with each member agency to determine which projects have been completed since the adoption of the 2016 Nexus Study. Additionally, staff will begin reviewing each of the projects to determine whether they warrant inclusion in the TUMF Program for potential future funding. One specific criteria that staff will evaluate with each member agency is the feasibility of project delivery for the projects in the TUMF Network.

In fall 2018, WRCOG developed an interactive web map of the TUMF Network which allows stakeholders to determine if a project is included in the TUMF Program and eligible funding. Staff will be overlaying satellite imagery in the web map to preliminary identify projects for feasibility review and additional discussion with member agencies.

#### **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

## Public Works Committee

### Staff Report

**Subject:** Riverside County Transportation Analysis Model Update

**Contact:** Christopher Tzeng, Program Manager, [ctzeng@wrcog.us](mailto:ctzeng@wrcog.us), (951) 405-6711

**Date:** May 9, 2019

*The purpose of this item is to provide a report on the status of the transportation model, the Riverside County Transportation Analysis Model.*

#### **Requested Action:**

1. Receive and file.

*Development of the Riverside County Transportation Analysis Model (RIVCOM) kicked-off in August 2018. The project team leading the development of this transportation model is being led by WSP. Since the project kicked-off, the project team has been working on defining Traffic Analysis Zone (TAZ) structure for the model, developing the base-year model roadway network, and trying to incorporate the appropriate socio-economic data from the Southern California Association of Governments (SCAG). The project team will continue to work on these elements, as well conduct outreach to obtain approval of the base-year roadway network and develop calibration data sets for model calibration.*

#### **Major Milestones**

**TAZ Definition:** The project team has defined the TAZ structure for the RIVCOM. The goal is to be efficient with the number of TAZ's in order to have an efficient model run time that will allow for quicker model results. For Riverside County, the target is 3,000 - 3,500 TAZs. The structure will preserve and increase zone detail in more urbanized areas and add detail in growth areas. Lastly, the structure will be consistent with jurisdictional boundaries and nest within SCAG Tier 3 TAZs.

TAZs adjacent to Riverside County will be structured in recognition of the interaction across county boundaries. For the San Bernardino Valley area, TAZs will be delineated to facilitate proper network loading across the County border. The current count of TAZs for the Valley area is 99 TAZs. For Orange County, the TAZ structure will be set-up to internalize the prediction of travel between Riverside and Orange County and traffic along State Route 91. It will also be responsive to Orange County employment growth and changes in the Riverside / Orange County jobs / housing balance. For San Diego County, the TAZ structure balances desire to internalize inter-county trip prediction with practice considerations, such as run-time, as previously mentioned, model maintenance (consistency with SANDAG assumptions), and validation focus. The structure focuses on large districts considered major destinations for Riverside County residents, such as military bases, downtown San Diego, and other employment centers such as the North San Diego County area (Carlsbad, San Marcos, Escondido).

All non-Riverside County TAZs that are near the County lines will be consistent with SCAG Tier 1 TAZs.

**Base-Year (2018) Roadway Network:** A draft base-year (2018) roadway network has been completed based on the 2016 SCAG network and jurisdiction models' networks. Outside of Riverside County, the network

contains only high-volume facilities. The project team is working on the last round of internal review of the network and will be requesting jurisdictional review to ensure the network adequately reflects each jurisdiction's roadway network. The level of review will be very detailed, i.e., ensuring centroid connectors accurately reflect where trips generated connect with the network are vital. The project team will be reaching out via this Committee and the Riverside County Transportation Commission Technical Advisory Committee in the coming months to ensure feedback is received from jurisdiction.

### **Next Steps**

As mentioned, the project team will be reaching out to the jurisdictions to ensure the TAZ structure and 2018 base-year roadway network is as accurate as possible. It is anticipated that this outreach and input phase will take place in the next few months. In addition, WRCOG and the project team will be requesting Socio Economic Data (SED) from SCAG. SCAG has been working on SED for the 2020 Regional Transportation Plan / Sustainable Communities Strategy which will be the base data for the RIVCOM. SCAG staff has indicated the SED is still in draft form, so the project team will work with staff to ensure any revisions are incorporated into the RIVCOM. Lastly, the project team will also continue to work on the model interface to ensure it is user-friendly and ensure the model and source code are updated.

### **Prior Action:**

October 11, 2018: The Public Works Committee received and filed.

### **Fiscal Impact:**

The RIVCOM is included in the Agency's adopted Fiscal Year 2018/2019 Budget under the Transportation Department.

### **Attachment:**

None.