



Western Riverside Council of Governments Public Works Committee

AGENDA

**Thursday, November 8, 2018
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 October 11, 2018, Public Works Committee Meeting
are Available for Consideration.**

P. 1

Requested Action: 1. *Approve the Summary Minutes from the October 11, 2018, 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 P. 5

Requested Action: 1. *Receive and file.*

B. TUMF Revenue and Expenditures Update P. 21

Requested Action: 1. *Receive and file.*

7. REPORTS / DISCUSSION

A. Regional Climate Adaptation Toolkit Update – Infrastructure Guidebook *Christopher Gray, WRCOG* P. 29

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

B. Alternative Fuel Corridors Tool Roll-out Discussion *Christopher Gray, WRCOG* P. 33

Requested Action: 1. *Receive and file.*

C. Interactive TUMF Network Update *Daniel Ramirez-Cornejo* P. 35 *WRCOG*

Requested Action: 1. *Receive and file.*

D. TUMF Zone Revenues Update *Daniel Ramirez-Cornejo,* P. 37 *WRCOG*

Requested Action: 1. *Receive and file.*

E. Project Prioritization: Pass Zone Case Study *Christopher Gray, WRCOG* P. 41

Requested Action: 1. *Receive and file.*

8. REPORT FROM THE DIRECTOR OF TRANSPORTATION *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, December 13, 2018, at 2:00 p.m., at WRCOG's office located at 3390 University Avenue, Suite 450, Riverside.
12. **ADJOURNMENT**

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1. CALL TO ORDER

The meeting of the Public Works Committee was called to order at 2:04 p.m. by Chair Patty Romo at WRCOG's office, Citrus Conference Room.

2. ROLL CALL

Members present:

Lori Askew, City of Calimesa
Rosalva Ureno, City of Corona
Craig Bradshaw, City of Eastvale
Mike Myers, City of Jurupa Valley
Jonathan Smith, City of Menifee
Michael Wolfe, City of Moreno Valley
Sam Nelson, City of Norco
Brad Brophy, Cities of Perris
Jeff Hart, City of Riverside
Robert Brady, City of San Jacinto
Amer Attar, City of Temecula
Dan York, City of Wildomar
Patricia Romo, County of Riverside (Chair)
Jeffrey Smith, March Joint Powers Authority
Shirley Medina, Riverside County Transportation Commission

Staff present:

Tyler Masters, Program Manager
Daniel Ramirez-Cornejo, Program Manager
Jessica May, Staff Analyst
Suzy Nelson, Administrative Assistant

Guests present:

Darren Henderson, WRCOG Consultant
Glenn Higa, County of Riverside
Carlos Geronimo, City of Menifee
Paul Rodriguez, Rodriguez Consulting Group
Alvin Medina, County of Riverside
Bob Brady, City of San Jacinto
Jennifer Nguyen, Riverside Transit Agency

3. PLEDGE OF ALLEGIANCE

Chair Patty Romo led the members and guests in the pledge of allegiance.

4. PUBLIC COMMENTS

Tyler Masters announced that Murrieta is the first City in Western Riverside County to acquire its streetlights from Southern California Edison (SCE) and that the City has invited all jurisdictions to take a tour of its sample LED lighting areas. Although the price of LED lighting fixtures has increased, WRCOG jurisdictions will not be impacted through June 2019 due to a rate lock with General Electric. WRCOG continues to work with SCE to

ensure the success of jurisdictions that purchase their streetlights from SCE.

5. MINUTES *(Menifee / Moreno Valley) 15 yes; 0 no; 0 abstention. Item 5.A was approved. The Cities of Banning, Beaumont, Canyon Lake, Hemet, Lake Elsinore and Murrieta, and the Riverside Transit Agency were not present.*

A. Summary Minutes from the September 13, 2018, Public Works Committee Meeting are Available for Consideration.

Action: 1. *Approved Summary Minutes from the September 13, 2018, Public Works Committee meeting.*

6. CONSENT CALENDAR

A. TUMF Revenue and Expenditures Update

This item was pulled for discussion by Committee member Jonathan Smith. Mr. Smith requested that WRCOG staff provide more real-time reporting on TUMF actual and projected revenues with regard to Zone budgets to better assist member agencies with budgetary planning for TUMF-eligible projects.

Daniel Ramirez-Cornejo, WRCOG Program Manager, explained that the collection amounts shown in the revenue report are the raw amounts and clarified that approximately 46 percent of this amount is returned directly to the Zone. Staff can provide an update on individual TUMF Zone balances and TUMF-funded projects for the Zone Transportation Improvement Programs (TIP).

Mr. Smith emphasized the importance of the TIP and suggested that there be additional cooperation and coordination between Zones, particularly for projects such as Scott Road that cross Zone boundaries.

Action: 1. *Requested that staff present additional details on revenue projection calculations and actual collections at a future meeting.*

(Menifee / Perris) 15 yes; 0 no; 0 abstention. Item 6.A was approved. The Cities of Banning, Beaumont, Canyon Lake, Hemet, Lake Elsinore and Murrieta, and the Riverside Transit Agency were not present.

7. REPORTS / DISCUSSION

A. Workshop Announcement: The Impact of Automation on Employment

Daniel Ramirez-Cornejo announced that a workshop to be held at WRCOG's office on Monday, October 29, 2018, on the impacts of automation on employment. This matter was previously presented to the Executive Committee on the findings of a Study by the Institute of Spatial Economic Analysis on the potential effects of automation in Western Riverside County.

Action: 1. *Received and filed.*

B. Riverside County Transportation Analysis Model (RIVCOM) Update

Daniel Ramirez-Cornejo introduced the Riverside County Transportation Analysis Model, now known as the brand-new "RIVCOM" model. The project consultant, WSP, is currently developing the Traffic Analysis Zone (TAZ) structure, which is important because many trips originate outside the County boundaries. It is important that member agencies submit traffic data and existing jurisdiction-specific models no later than November 16, 2018, so that the RIVCOM model can accurately reflect traffic patterns within each jurisdiction.

Mr. Ramirez-Cornejo presented the Memorandum of Understanding (MOU) with details on how the model is being developed, will be maintained and used by local agencies, and contains details on how sub-models may be developed. This MOU will be forwarded to a number of agencies for adoption.

Committee member Dan York asked for clarification that the basis for this model will be used for the next Nexus Study and emphasized the importance of the Nexus Study, as it is the basis for adding or removing roadway segments to the TUMF Network. Mr. York also asked about alternative modes of transportation and how these will be incorporated into the model.

Darren Henderson confirmed that this is the case and emphasized the importance of sharing traffic data so that the model accurately reflects each community.

Action: 1. *Recommended that the Executive Committee execute the Memorandum of Understanding with the listed partner agencies for the development of the Riverside County Transportation Analysis Model.*

(Wildomar / Menifee) 15 yes; 0 no; 0 abstention. Item 7.B was approved. The Cities of Banning, Beaumont, Canyon Lake, Hemet, Lake Elsinore and Murrieta, and the Riverside Transit Agency were not present.

C. TUMF Right-of-Way Reimbursement Policy

Daniel Ramirez-Cornejo reported that the TUMF Program does not currently have a process to recuperate funds from a member agency selling excess property, initially acquired for right-of-way (ROW), at the end of a project, and requested input from the Committee if such a policy would be worth pursuing. Several other agencies, such as the Orange County Transportation Authority (OCTA), have policies that require agencies to return proceeds from the sale of remnant land to their program.

Committee member Dan York explained that the City of Wildomar has acquired several properties for the widening of Bundy Canyon Road; however, the City expects that remnant parcels from this project may be sold to the Western Riverside County Regional Conservation Authority. Although a policy on the sale of remnant parcels may be important, there should be accommodation for situations where the sale still provides a regional benefit, such as habitat conservation.

Committee member Michael Wolfe shared his experience dealing with OCTA on sale of remnant parcels and suggested that a vague policy on the sale of remnant parcels can lead to a number of issues and arduous resolution processes. It may be important to clarify time limits, whether a member agency can deduct the cost of staff time related to sale of remnant parcels, and whether WRCOG gets to provide input on the value of land.

Committee member Mike Myers added that a policy such as this seems fundamentally fair but expressed an appreciation for the complications related to development of a policy for the sale of remnant parcels. Parcels would be sold, not turned over to WRCOG.

Darren Henderson suggested that as long as there is a net whole to the Program, WRCOG may consider allowing member agencies to use revenue from the sale of remnant land to acquire additional land for ROW, particularly for larger projects or instances where project alignments may change.

Chair Patty Romo added that it may be beneficial to include a provision stating that whatever revenue is generated should be returned to the Program. This would be a simpler process; member agencies are typically working on multiple TUMF projects and would have a use for these funds.

Action: 1. *The Public Works Committee discussed and requested that WRCOG staff draft a ROW acquisition policy related to remnant parcels after a TUMF project is completed and present to the Committee at a later meeting for review and recommendation.*

D. TUMF Calculation and Collection Process Update

Daniel Ramirez-Cornejo announced that the Executive Committee recently approved a policy to allow for an option that would allow member agencies that wish to delegate fee calculation and collection to WRCOG to do so, provided that those agencies adopt an updated TUMF Ordinance; several member agencies have already reached out and are working on updating their TUMF Ordinance. WRCOG staff are available to assist and provide additional information, regardless of member agency decision.

Initial responses are due by November 3, 2018, and added that WRCOG calculation and collection is planned to commence for member agencies that adopt the amended TUMF Ordinance in spring 2019.

Action: 1. *Received and filed.*

E. Draft 2018 TUMF Program Annual Report

Daniel Ramirez-Cornejo reported on the Draft 2018 TUMF Program Annual Report and requested that member agencies review and provide input. Over \$53 million was collected in Fiscal Year 2017/2018 and several projects will be featured in the Annual Report.

Committee member Dan York suggested that member agencies make an effort to share this information with the public to build awareness of the regional cooperation and successes of the TUMF Program.

Mr. Ramirez-Cornejo responded that WRCOG is supportive of this idea and emphasized that WRCOG staff are available to provide hard-copies of the Annual Report or to present at City Councils.

Committee member Shirley Medina added that the Riverside County Transportation Commission is also increasing its public outreach campaign.

Action: 1. *Received and filed.*

8. REPORT FROM THE DIRECTOR OF TRANSPORTATION

The Director of Transportation had no report to provide.

9. ITEMS FOR FUTURE AGENDAS

There were no items for future agendas.

10. GENERAL ANNOUNCEMENTS

Committee member Jonathan Smith shared that the City of Menifee held a groundbreaking ceremony for the Scott Road Interchange Project and thanked everyone for their support.

11. NEXT MEETING

The next Public Works Committee meeting is scheduled for Thursday, November 8, 2018, 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 2:49 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, (951) 405-6710

Date: November 8, 2018

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 summaries of actions and activities from recent WRCOG standing Committee meetings that have taken place since the October 2018 Executive Committee meeting.

Prior Action:

None.

Fiscal Impact:

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

Attachments:

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

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Item 6.A

WRCOG Committees and Agency
Activities Update

Attachment 1

WRCOG October 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:		10/1/18	10/10/18	10/18/18	10/11/18	10/11/18	10/25/18	Did not meet
Current Programs / Initiatives:								
	Regional Streetlights Program	Received and filed.	n/a	Received and filed.	n/a	Received and filed.	n/a	
	Property Assessed Clean Energy (PACE) Programs	Received and filed.	Recommended the Executive Committee defer the judicial foreclosure proceedings on the delinquent residential parcels of the 2017/2018 tax year and to assign WRCOG's collection rights to a third party; 2) recommended that the Executive Committee authorize the Executive Director to enter in a Purchase and Sales Agreement with the third party for the purchase of the delinquent assessment receivables; 3) recommended the Executive Committee adopt WRCOG Resolution Number 41-18;	Received and filed.	n/a	n/a	n/a	
	Community Choice Aggregation (CCA) / Western Community Energy	n/a	n/a	Received and filed.	n/a	n/a	n/a	
	TUMF	Approved a revision to the 3,000 square foot reduction policy; 2) directed staff to report back on the implementation within one year; 3) recommended the Executive Committee approve an update to the TUMF Zone boundaries; 4) authorized Executive Director to execute a TUMF Reimbursement agreements with the Cities of Riverside & Perris; 5) authorized the Executive Director to execute an amendment to a TUMF reimbursement with the City of Perris; 6) adopted changes to the TUMF Administrative plan to allow WRCOG to calculate and collect TUMF on behalf of its member agencies that wish to participate; 7) directed staff to prepare the amendment to the TUMF Ordinance to allow WRCOG to collect TUMF, to consult with each member agency to formally determine those that want to enroll, to allow those agencies who do not with at this time to enroll in this process to continue calculating and collecting TUMF, and to contact all member agencies on an annual basis to verify enrollment status;	Recommended that the Executive Committee approve an update to the TUMF Zone boundaries to align with The County of Riverside Supervisorial Districts.	Recommended that the Executive Committee approve an update to the TUMF Zone boundaries to align with The County of Riverside Supervisorial Districts; 2) recommended that the Executive Committee direct staff to invite all Riverside County Supervisors that fall within a specific TUMF Zone to the Zone meetings;	n/a	n/a	Discussed and provided input on the TUMF Right-of-Way reimbursement policy.	
	Fellowship	n/a	n/a	Designated five Committee members to serve on an Ad Hoc Planning Committee for the fourth round of Fellowship.	n/a	n/a	n/a	
New Programs / Initiatives:								
	EXPERIENCE	n/a	Received and filed.	Received and filed.	Received and filed.	n/a	n/a	

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Item 6.A

WRCOG Committees and Agency
Activities Update

Attachment 2

Summary recaps from October
Committee meetings

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Western Riverside Council of Governments Executive Committee Meeting Recap October 1, 2018

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, click [here](#). To review the meeting PowerPoint presentations, click [here](#).

TUMF Program Activities Update

- Executive Committee members approved a revision to the newly enacted 3,000 Square Foot Reduction Policy for retail and service uses that limits the reduction to projects that are less than 20,000 square feet.
 - This amendment allows the Policy to continue to serve the original goal of lowering the cost burden to small, neighborhood-serving businesses, but does not extend the reduction to larger stores, which are more likely to have a regional draw, therefore impacting the regional transportation network.
- Staff will provide an update to members within one year regarding the impact of the reduction policy in its latest form.
- The Executive Committee authorized reimbursement agreements for the City of Riverside's Van Buren Boulevard Widening and Iowa Avenue Widening Projects, as well as authorizing, for the City of Perris, a reimbursement agreement for the Nuevo Road Widening Project and an amendment to the Ramona Expressway Widening Project.

New TUMF Calculation Option

- The Executive Committee adopted changes to the TUMF Administrative Plan to allow for WRCOG to calculate and collect TUMF on behalf of member agencies who direct WRCOG to do so.
- This voluntary opportunity for WRCOG to calculate and collect TUMF fees will now be available to all member jurisdictions.
- WRCOG staff will be working with member agencies to share this new opportunity and help to facilitate the requisite TUMF Ordinance update for those who choose to enroll in this new process.

Next Meeting

- The next Executive Committee meeting is scheduled for Monday, November 5, 2018, 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 October 10, 2018

Following is a summary of major items discussed at the October 10, 2018, Administration & Finance Committee meeting. To review the full agenda and staff reports, please click [here](#). To review the meeting PowerPoint Presentation, please click [here](#).

PACE Programs Proposal on new Commercial Construction

- The Committee received a presentation on delinquent residential and commercial properties, and recommended a process be put in place for low level delinquencies which are anticipated to be brought current prior to the deadline to initiate judicial foreclosure
- Recommended that the Executive Committee 1) defer a judicial foreclosure proceeding on delinquent residential parcels from the 2017/2018 tax year; 2) authorize the Executive Director to enter into a Purchase and Sales Agreement for the purchase of the delinquent assessment receivables; and 3) order the initiation of judicial foreclosure proceedings for one commercial property.
- Staff is exploring ways to introduce PACE financing at the developer scale versus a home-by-home basis.

Update to WRCOG JPA and Bylaws

- A number of minor, "clean up" revisions to the Agency JPA and Bylaws were approved to be forwarded to the Executive Committee, including removing language regarding the County Auditor / Treasurer as WRCOG's treasurer, adding language to include the 2nd Vice-Chair position to reflect existing language in the Bylaws, and to clarify that in the event of discrepancies between the JPA and bylaws, the JPA prevails.

TUMF Zone Boundaries Update

- The Committee approved some minor revisions to the existing TUMF Zone Boundaries to make adjustments in cases where small portions of Supervisorial Districts spill over into a zone.

Next Meeting

- The next Administration & Finance Committee meeting is scheduled for Wednesday, November 14, 2018, at 12:00 p.m. in WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



Western Riverside Council of Governments Technical Advisory Committee Meeting Recap October 18, 2018

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

League Update

- Proposition 6 efforts to repeal the gas tax, or SB 1, are gaining traction throughout the region with rallies scheduled to take place in the coming weeks. The League of California Cities urges cities to communicate the value of SB 1 funds to their constituents due to the many projects already underway throughout Western Riverside County.
- SB 946, the new street vending law signed by Governor Jerry Brown, restricts how cities can regulate vending and limits the kind of rules cities can impose on vendors. Beginning in January 2019, all cities that do not have regulations in place that align with the state regulation will not be able to regulate those types of businesses.
- There are new efforts in Congress to try to regulate small cell deployment which, if enacted, would take away local control. S. 3157 was introduced in June of this year and will be cycling through Congress in the coming months. Although the California bill was vetoed by Governor Jerry Brown in 2017, cities should continue to monitor the new federal bill since it could have similar impacts.

PACE Programs Update

- Commercial PACE (C-PACE) offers competitive financing for new construction and upgrades. C-PACE is a government financing tool that classifies building energy improvement upgrades as a public benefit, such as sewer, road extension, etc., which would improve the overall operating expenses of a project, increasing the cash flow and value of that investment.
- Most energy and water projects qualify under C-PACE including renewable energy systems, building management systems, water conservation, automated building and HVAC controls, high efficiency lighting, and building enclosure / roofing.
- Collective PACE is another Program available to non-profit institutions with the notion that non-profits typically own their properties debt-free, but cannot access the same funding sources as commercial businesses. With Collective PACE, non-profit organizations can combine the attributes of a long-utilized solar leasing, while C-PACE allows for the long-term financing of energy saving and renewable energy projects through commercial property taxes.

Fellowship Update

- Planning for Round IV of the Program is currently underway. Staff are considering a variety of potential modifications including the possibility of opening the Program to universities located outside of the subregion to meet the demands of members and attract students with technical backgrounds like planning and engineering.
- City Managers and Alumni Fellows have been asked to participate in a feedback survey to gauge participant satisfaction.
- Staff recommended assembling an Ad Hoc Committee to assist with planning and vetting those suggestions for the next round of the Program. Members from Lake Elsinore, Moreno Valley, Murrieta, Temecula, Beaumont, and the Eastern Municipal Water District volunteered to sit on the Ad Hoc Committee.

BEYOND Update

- The BEYOND Framework Fund has provided \$4 million in support of more than 80 member-driven projects over two cycles of funding.
- The second and final round of BEYOND-funded projects was originally scheduled for completion by November 2018. In response to requests from multiple agencies, TAC members recommended that the project deadline be extended to March 30, 2019, with final invoices due by May 15, 2018.
- If the extension is approved as a firm deadline by the Executive Committee, any remaining funds from the Program would be reprogrammed through the budgeting process for Fiscal Year 2019/2020.

Next Meeting

- The next meeting of the Technical Advisory Committee is scheduled for Thursday, November 15, 2018, at 9:30 a.m. in WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



Western Riverside Council of Governments Planning Directors Committee (PDC) Meeting Recap

October 11, 2018

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

Opportunity Zones

- The Opportunity Zone (OZ) Program was established by Congress to incentivize investors to provide equity to projects in defined OZs, which are typically low-income census tract areas.
- Investors benefit through deferral and partial reduction of Federal capital gain taxes, if the gains are invested into a Qualified Opportunity Fund and the Fund, in turn, invests into an OZ project.
- Eligible types of projects include new real estate developments, substantial re-use business growth/expansion, new businesses, and energy projects.
- A listing of eligible OZ census tracts is available [here](#).

Infrastructure Financing Opportunities

- Enhanced Infrastructure Financing Districts (EIFDs) are a tax increment financing tool for cities to fund capital, operations, and management of infrastructure projects. Funds can be applied toward flood control infrastructure, parks, interchanges, open space, utilities, mixed use housing and more.
- EIFDs were originally authorized in 2014 through SB 313, but were just expanded this year through SB 1145 to allow for funding both capital and maintenance/operations costs.
- Due to complexity and ambiguity of the legislation, only 3 EIFDs have been established in the state.
- Community Revitalization Investment Authority (CRIA) funds can also be used for infrastructure; however, cities must prove blight tests and meet a housing requirement to secure CRIA funding.
- Southern California Association of Governments offers a [web-based tool](#) to assess the possibility of utilizing EIFDs or CRIA for prospective projects.

Regional Climate Adaptation Toolkit for Transportation Infrastructure Activities Update

- WRCOG, in partnership with San Bernardino County Transportation Authority (SBCTA), secured \$683k from Caltrans to create a regional toolkit to address the impacts of climate adaptation on transportation infrastructure.
- The project will include formation of a regional climate collaborative, an update to WRCOG's vulnerability assessment, development of evacuation maps for all WRCOG communities, creation of a green streets guidebook, and a climate adaptation and resiliency template element, which will aid compliance with SB 379.
- After a competitive bid process, PlaceWorks and WSP were selected to lead the technical components of the project, and the Local Government Commission will lead outreach and engagement.
- The project kicked-off in September 2018 and will conclude in February 2020.

CAPTivate 2.0 Activities Update

- WRCOG has secured \$345k from Caltrans to update the transportation components of WRCOG's subregional Climate Action Plan. CAPtivate 2.0 will include all 18 cities and unincorporated county land.
- Staff is currently exploring options to fund a simultaneous update to the energy, waste, and water components of the CAP and a subsequent Project Environmental Impact Report, to make this is a qualified CAP that could streamline CEQA.

Next Meeting

The next meeting of the WRCOG Planning Directors Committee will convene on Thursday, November 8, 2018 at WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



Western Riverside Council of Governments Public Works Committee Meeting Recap October 11, 2018

Following is a summary of major items discussed at the October 11, 2018, Public Works Committee meeting. To review the full agenda and staff reports, please click [here](#). To review the meeting PowerPoint Presentation, please click [here](#).

TUMF Revenue and Expenditures Update (pulled from Consent Calendar for discussion)

- Jonathan Smith, City of Menifee Director of Public Works, pulled this item for discussion. Mr. Smith requested that WRCOG staff provide more real-time reporting on TUMF actual and projected revenues to better assist member agencies with budgetary planning for TUMF-eligible projects.
- The Committee recommended that WRCOG staff present additional details on revenue projection calculations and actual collections at a future Committee meeting.

Workshop Announcement: The Impact of Automation on Employment

- WRCOG will be hosting a workshop for member agencies to attend on October 29, 2018 at the WRCOG office wherein the Institute of Spatial Economic Analysis at the University Of Redlands School Of Business (ISEA) researchers will discuss findings on the potential impacts of automation for the subregion, gather input on opportunities and challenges, and discuss logical and feasible next steps.

Riverside County Transportation Analysis Model (RIVCOM) Update

- WRCOG will be presenting the RIVCOM Memorandum of Understanding (MOU) to the Executive Committee in November 2018, which contains details on the RIVCOM development process, how the model will be maintained after it is developed, how RIVCOM will be utilized by local government agencies, how RIVCOM will be utilized by private entities, how subsequent updates will be developed, and a recommended process of how sub-area models may be developed.
- The Committee recommended that the Executive Committee execute the MOU with the listed partner agencies for the development of the Riverside County Transportation Analysis Model.

TUMF Right-of-Way (ROW) Reimbursement Policy

- The Committee requested that WRCOG staff draft a ROW acquisition policy related to remnant parcels after a TUMF project is completed and present to the Committee at a later meeting for review and recommendation.

TUMF Calculation and Collection Process Update

- WRCOG has reached out to the Technical Advisory Committee representative from each member agency to ascertain each agency's interest in delegating fee calculation and collection to WRCOG. Initial responses are requested by November 3, 2018.
- Staff is available to assist member agencies and provide additional information, if requested.

Draft 2018 TUMF Program Annual Report

- The 2018 TUMF Program Annual Report has been prepared as required by the California Mitigation Fee Act and provides background on the TUMF Program, describes revenues for Fiscal Year (FY) 2017/2018, and highlights TUMF projects that were planned, underway, or completed during the year.
- Once finalized, WRCOG will host the TUMF Program Annual Report on its website for stakeholders to view and download.

Next Meeting

The next meeting of the Public Works Committee is scheduled for Thursday, November 8, 2018, at 2:00 p.m. in WRCOG's office, located at 3390 University Avenue, Suite 450, Riverside.



Western Riverside Council of Governments

Public Works Committee

Staff Report

Subject: TUMF Revenue and Expenditures Update

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

Date: November 8, 2018

The purpose of this item is to provide an update on the TUMF revenues, expenditures, and reimbursements since Program inception.

Requested Action:

1. Receive and file.

For the month of September 2018, the TUMF Program received \$5,406,812 in revenue.

To date, revenues received into the TUMF Program total \$790,807,880. Interest amounts to \$33,156,708, for a total collection of \$823,964,588.

WRCOG has dispersed a total of \$381,924,391 primarily through project reimbursements and refunds, and \$24,336,580 in administrative expenses.

The Riverside County Transportation Commission share payments have totaled \$357,627,533 through September 30, 2018.

Prior Action:

None.

Fiscal Impact:

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

Attachment:

1. Summary TUMF Program revenues.

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Item 6.B

TUMF Revenue and Expenditures
Update

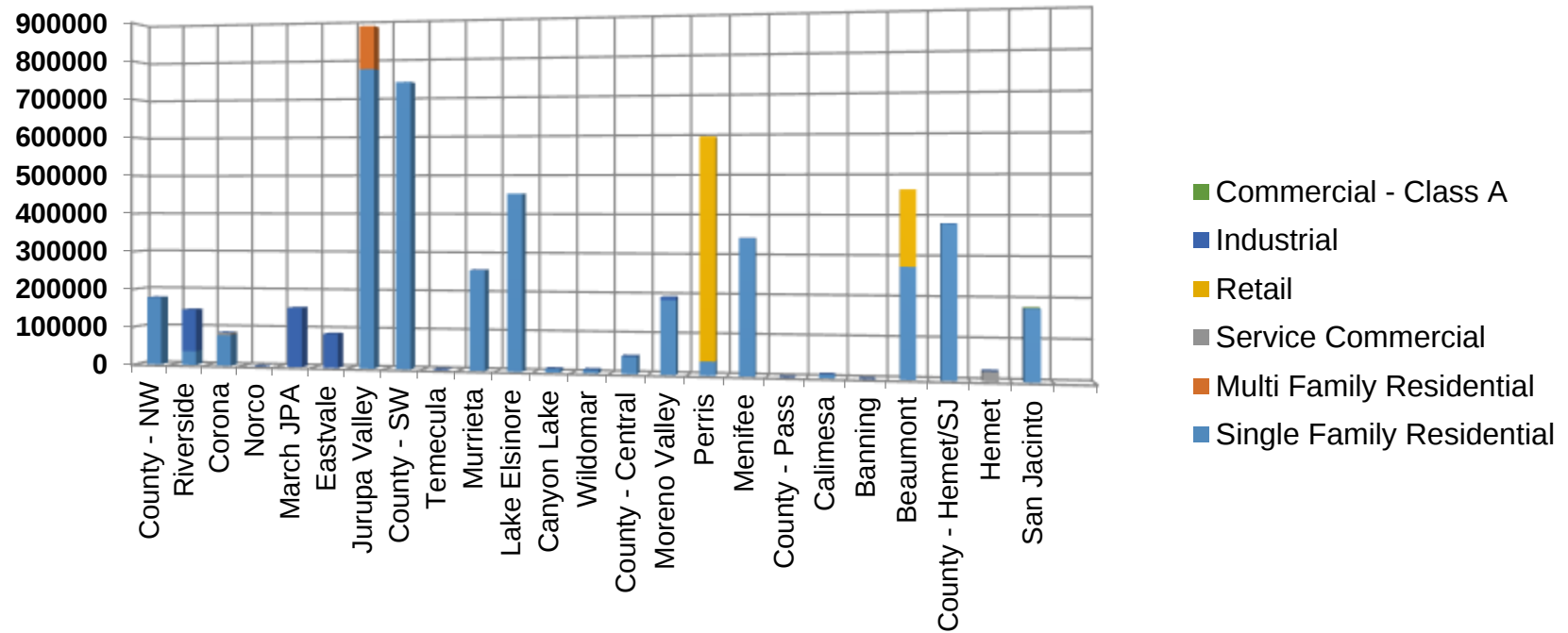
Attachment 1

Summary TUMF Program revenues

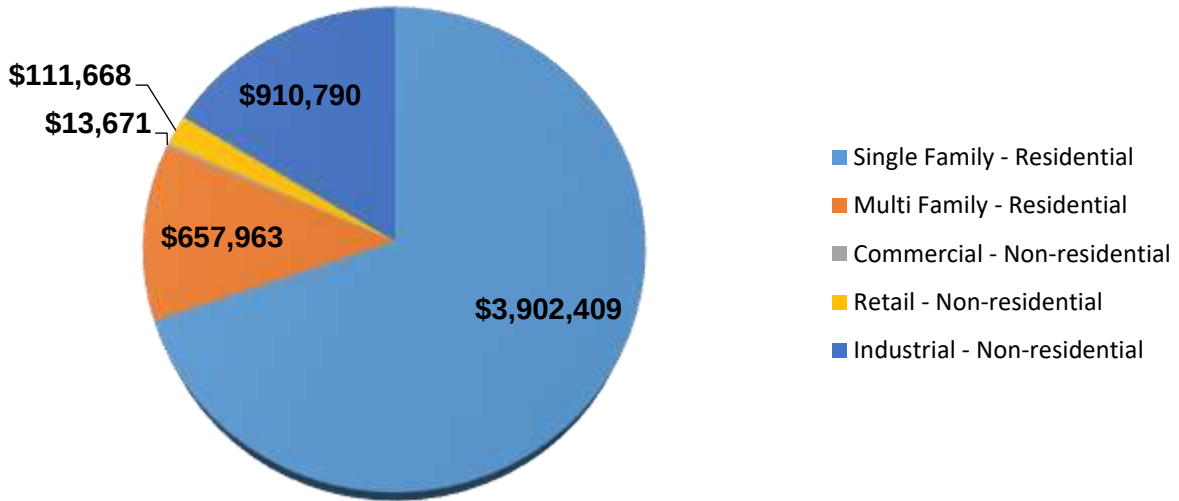
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September 2018 TUMF Revenues by Jurisdiction

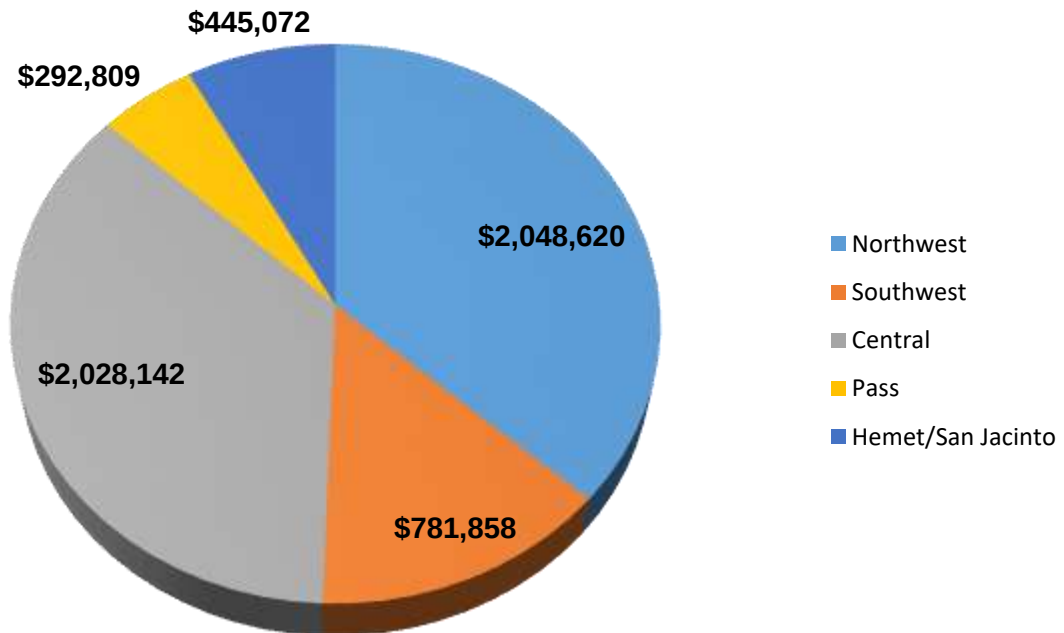
Total Revenue - \$5,406,812



September 2018 TUMF revenues by land-use type



September 2018 TUMF Revenues by Zone



	Fiscal Year	2018			Fiscal Year
Jurisdiction	17-18	July	August	September	18-19
Banning	\$34,831	\$0	\$0	\$0	\$0
Beaumont	\$1,122,229	\$266,190	\$177,460	\$640,153	\$1,083,803
Calimesa	\$17,782	\$8,873	\$0	\$8,873	\$17,746
Canyon Lake	\$84,301	\$17,746	\$0	\$8,873	\$26,619
Corona	\$1,789,431	\$133,095	\$62,111	\$86,141	\$281,347
Eastvale	\$4,234,019	\$0	\$62,111	\$88,010	\$150,121
Hemet	\$655,213	\$18,292	\$4,359	\$24,770	\$47,422
Jurupa Valley	\$5,613,221	\$283,936	\$603,364	\$882,363	\$1,769,663
Lake Elsinore	\$4,042,675	\$53,238	\$115,349	\$452,523	\$621,110
March JPA	\$2,009,269	\$0	\$0	\$154,348	\$154,348
Menifee	\$3,221,139	\$0	\$460,096	\$342,134	\$802,230
Moreno Valley	\$6,971,308	\$523,507	\$1,125,812	\$194,029	\$1,843,348
Murrieta	\$3,142,420	\$354,034	\$259,801	\$257,317	\$871,152
Norco	\$253,632	\$5,424	\$205,656	\$0	\$211,080
Perris	\$769,084	\$301,682	\$17,746	\$593,560	\$912,988
Riverside	\$3,567,176	\$1,564,054	\$280,738	\$146,047	\$1,990,839
San Jacinto	\$2,445,168	\$409,034	\$70,984	\$177,460	\$657,478
Temecula	\$1,822,548	\$91,212	\$259,701	\$1,267	\$352,180
Wildomar	\$1,309,894	\$35,492	\$8,873	\$8,873	\$53,238
County Central	\$3,779,337	\$1,202,953	\$239,571	\$44,365	\$1,486,889
County Hemet/S.J.	\$515,274	\$17,746	\$12,092	\$380,390	\$410,228
County Northwest	\$2,169,944	\$62,111	\$106,476	\$177,460	\$346,047
County Pass	\$144,898	\$17,746	\$8,873	\$0	\$26,619
County Southwest	\$3,700,525	\$230,136	\$366,272	\$737,857	\$1,334,264
Total	\$ 53,415,318	\$ 5,596,500	\$4,447,445	\$ 5,406,812	\$ 15,450,756

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Western Riverside Council of Governments

Public Works Committee

Staff Report

Subject: Regional Climate Adaptation Toolkit – Infrastructure Guidebook

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

Date: November 8, 2018

The purpose of this item is to provide an update on the Caltrans grant funded Regional Climate Adaptation Toolkit project and solicit input on the development of a Climate Resilient Transportation Infrastructure Guidebook.

Requested Action:

1. Discuss and provide input.

Project Background

In October 2017, WRCOG, in coordination with the San Bernardino County Transportation Commission (SBCTA), submitted an application to the Caltrans Adaptation Planning Grant Program, seeking funding for a Regional Adaptation Toolkit for Transportation Infrastructure, to support regional efforts to prepare for and mitigate risks associated with climate adaptation and transportation infrastructure. Caltrans awarded WRCOG and SBCTA a total of \$683,431 to develop the first of two phases of the Toolkit Project (The Project). The Project would include the following components for Western Riverside County:

1. A newly established regional climate collaborative, the “Inland Empire Regional Climate Collaborative” (IERCC);
2. A revision to WRCOG’s community vulnerability assessment;
3. City-level, climate-related transportation hazards and evacuation maps;
4. A climate resilient transportation infrastructure guidebook; and
5. A regional climate adaptation and resiliency template general plan element.

In addition to the components outlined above, the grant includes \$101,055 for SBCTA to perform a transportation and community vulnerability assessment, which will include a pilot project. The pilot will entail a risk-based valuation to assess the true financial cost to the community as a whole, of a potential infrastructure outage, which could be caused by a climate-related issue, such as fire or flood.

1. Inland Empire Regional Climate Collaborative – Stakeholder Engagement: The Collaborative will be formed between WRCOG and SBCTA as a local branch of the Alliance of Regional Collaboratives for Climate Adaptation (ARCCA). ARCCA is a network of leading regional collaboratives from across California that work together to advance climate adaptation statewide and increase local capacity to build community resilience. Through ARCCA, WRCOG and SBCTA will connect with peers across the state to exchange knowledge, engage in targeted problem-solving, and implement joint campaigns for climate resiliency, effectively breaking down silos across sectors and jurisdictions, with the express aim of increasing local efficiency.

The consultant lead for Task 1 is the Local Government Commission (LGC).

2. Updated WRCOG Vulnerability Assessment: In 2014, WRCOG released its Subregional Climate Action Plan, CAPtivate, which included an Adaptation and Resiliency Strategy, which provides an overview of expected climate change effects, assets in the subregion that are vulnerable to climate change effects, and adaptation strategies intended to reduce vulnerability and increase resilience. As a component of the Adaptation Toolkit, the Adaptation and Resiliency Strategy will be updated to integrate the newest science and best practices and ensure consistency with the SBCTA vulnerability Assessment that will be developed by through this project, for the purposes of providing similarly consistent and complementary work products for the other tasks included in the Project. In addition, this task will include a pilot project, exploring the true cost of climate-related infrastructure outages.

The consultant lead for the update to WRCOG's Vulnerability Assessment for Task 2 is PlaceWorks. The lead for the pilot climate vulnerability cost analysis project is WSP.

3. Transportation Hazards and Evacuation Maps: The transportation hazards and evacuation maps will be developed for both WRCOG and SBCTA and compiled into a portfolio of city-level maps that can be used for a variety of climate adaptation and resiliency planning efforts, including insertion into local hazard mitigation plans, safety elements of the General Plan, or local adaptation plans / strategies. Leveraging its considerable in-house resources and expertise, SBCTA will take the lead on this element of the project, though WRCOG will be involved throughout the process.

The consultant lead for Task 3 is PlaceWorks.

4. Climate Resilient Transportation Infrastructure Guidebook: With information from the existing WRCOG vulnerability analysis and the SBCTA analysis to be developed as a component of this grant, the Guidebook will provide strategies using green streets infrastructure, which aims to harness the efficacy of natural processes to manage flooding and extreme heat, to mitigate identified risks and provide resiliency to climate change effects on the transportation system. For example, permeable pavement can be used to help reduce pavement temperatures by absorbing sunlight, mitigate the urban heat island effect, and slow flash flooding during flood and storm events.

The consultant lead for Task 4 is WSP.

5. Regional Climate Adaptation and Resiliency Template General Plan Element: The Regional Template Climate Adaptation & Resiliency Element will be a timely resource for jurisdictions to incorporate into their General Plans or use in other policy to meet newly enacted requirements under SB 379, which mandates that the safety elements of General Plans must now include climate adaptation and resiliency strategies, or that these strategies must otherwise be included in local hazard mitigation plans. This template element will build on work previously conducted in WRCOG's Subregional Climate Action / Adaptation Plan, and will provide the necessary framework for jurisdictions to comply with new SB 379 mandates.

The consultant lead for Task 5 is PlaceWorks.

Schedule: Per the grant requirements, will conclude by the end of February 2020.

Project Updates

Staff is working closely with the consultant team to make progress on the initial tasks of the Project. Work is underway on three key efforts: stakeholder engagement (task 1), the update to WRCOG's Vulnerability Assessment (as well as the development of a similar assessment for SBCTA) (task 2), and development of the Climate-Resilient Transportation Infrastructure Guidebook (task 4).

Task 1: Inland Empire Regional Climate Collaborative – Stakeholder Engagement: Throughout the project, WRCOG and SBCTA will engage member agencies through the Planning Directors and Public Works Directors Technical Advisory Committees. Additionally, staff and consultants are working to identify key regional

stakeholders to additionally engage through interviews and invite to support the founding of the Inland Empire Regional Climate Collaborative.

Task 2: Update WRCOG Vulnerability Assessment: The PlaceWorks team is currently in the process of gathering data and information for the SBCTA and WRCOG Vulnerability Assessments. This task includes data gathering from Federal, State, and local sources, as well as identification of critical facilities and infrastructure. As part of this effort the team is also in the process of identifying existing evacuation maps and data sets that will be used as part of the evacuation network analyses.

Task 4: Climate Resilient Transportation Infrastructure Guidebook (Guidebook): The Guidebook will serve as a resource for jurisdictions regarding strategies, best practices, and challenges for using green streets infrastructure, particularly in the context of changing patterns of extreme temperatures, heavy precipitation events, drought, and wildfires. WSP is in the preliminary stages of reviewing existing documents and reports and developing the Guidebook framework and content. The document will combine information from existing sources relevant to the region and will develop guidance and case studies based on what is useful for local practitioners. Following is a working draft of the Guidebook framework:

1. Introduction to Guidebook
 - a. Purpose and intended audience
 - b. Discussion of climate adaptation and resiliency
 - c. Discussion of regional environment, geography and climate
2. Local and Regional Planning Agency Challenges and Solutions
 - a. Funding
 - b. Right of Way (parking, bike lanes, utilities)
 - c. Site Design
3. Climate Resilient Infrastructure Strategies
 - a. Traditional green streets solutions with description, applicability, constraints, and graphics of various strategies, such as:
 - i. Tree wells
 - ii. Bioretention
 - iii. Bioswales
 - iv. Permeable pavement
 - b. Guidance on topics related to extreme weather and climate, including:
 - v. Planting and irrigation considerations
 - vi. Pavement design for extreme heat
 - vii. Drainage sizing
 - viii. Wildfire considerations for design and management
 - ix. Combined impacts (e.g., wildfire and flooding)
4. Procedures and Case Studies / Design Examples
 - a. Design Procedure
 - b. Design examples in a variety of settings (e.g. median, intersections, traveled way, shoulder, and parkway)
5. Implementation
 - a. Design and Construction (Reference existing regional green infrastructure standard plans and specifications)
 - b. References to existing regional or local vegetation requirements for appropriate native and drought tolerant vegetation
 - c. Maintenance guidance (reference existing regional guidance)
6. Conclusion and References

Next Steps – Task 4: Guidebook

1. Complete document review – December 2018
2. Collect and review information from agency members – Request input by November 30
3. Finalize guidebook framework / contents – December 2018
4. Coordinate with Placeworks on vulnerability assessments and transportation/hazard evacuation mapping - Ongoing
5. Develop draft guidebook - February 2019
6. Final guidebook – June 2019

Prior Action:

October 11, 2018: The Planning Directors Committee received and filed.

Fiscal Impact:

Caltrans is providing \$683,431 of an estimated total project cost of \$771,977. The grant monies will cover all consultant expenses and a portion of WRCOG and SBCTA staff expenses. WRCOG and SBCTA will contribute a combined \$88,546 through in-kind (staff time) services to meet a required local match of 11.47% of the project whole. Of the in-kind contribution, WRCOG's staff expense is estimated to be \$50,500. The staff time not covered by the grant will be covered through the Local Transportation Fund (LTF), and is programmed in the approved Fiscal Year 2018/2018 Agency budget.

Attachment:

None.



Western Riverside Council of Governments

Public Works Committee

Staff Report

Subject: Alternative Fuel Corridors Tool Roll-out Discussion

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

Date: November 8, 2018

The purpose of this item is to present the final version of a GIS Tool developed by WRCOG for the Clean Cities Coalition. WRCOG and its consultants developed the Tool using data from WRCOG member agencies. This Tool is intended to assist with future planning efforts related to the siting of fueling stations for alternative fuel vehicles and other related tasks.

Requested Action:

1. Receive and File.

As alternative fuel vehicles become more prevalent, the need for jurisdictions to provide a more robust fueling infrastructure may be necessary. As part of its Clean Cities Coalition efforts, WRCOG commenced an Alternative Fuel Vehicle Fueling Infrastructure and Signage Study in Western Riverside County as an effort to better understand and help plan for alternative fuel vehicle adoptions and infrastructure installation.

At the August 29, 2018, Clean Cities Coalition meeting, staff provided a presentation on the Alternative Fuels Corridor Tool and provided a demonstration of the Tool itself. As part of a Coalition effort to improve alternative fuel vehicle (AFV) fueling options for jurisdictions, fleets, and AFV drivers in Western Riverside County, as well as those drivers passing through the County, WRCOG developed an Alternative Fuel Corridors Tool. As part of the most recent update to the Federal Transportation funding programs, certain corridors were designated as AFV corridors (FAST-ACT Corridors). Applications to fund alternative fueling stations along these designated corridors can receive priority. A review of Western Riverside County determined that while the I-15 had previously been designated as a FAST-ACT Corridor, the SR-91 route had not, even though the SR-91 has more alternative fueling stations than other corridors in the Region.

Therefore, one use of this Tool will be to identify gaps in the system that should be nominated for designation. However, the primary use of the Tool will be the creation of a prioritized list of sites for additional alternative fueling stations as grant funding becomes available. WRCOG anticipates that there will be significant funding coming from agencies like the California Air Resources Board (CARB), the South Coast Air Quality Management District (SCAQMD), and other similar agencies in the next several years. Given the sheer volume of the available funding, it will be critical that regional and local agencies have a preselected list of locations to facilitate grant funding applications.

The Tool has been completed and is ready for roll-out. Clean Cities Coalition staff will work with each jurisdiction within the Clean Cities Coalition to provide a brief, hands-on training on the Tool. The team understands that agencies have varying needs, availability, and levels of AFV adoption, and would like to provide training through the most appropriate venue. Training could include a webinar, in-person meetings, workshops, etc. A discussion to identify preferred methods is encouraged at the meeting, but feedback can

also be provided directly to staff via phone or email. Please contact Taylor York, Kearns & West, with comments or questions at tyork@kearnswest.com or (951) 405-3405.

Direct access to the Tool will be limited to those agencies which are currently members of the Clean Cities Coalition. Members of the Clean Cities Coalition will be provided with login information so that they can directly access the Tool. WRCOG agencies which are not members of the Clean Cities Coalition will need to contact WRCOG to access data within the Tool.

Prior Action:

October 24, 2018: The Clean Cities Coalition received and filed.

Fiscal Impact:

The Alternative Fuel Corridors Tool is included in the Agency's adopted Fiscal Year 2018/2019 Budget under the Transportation Department.

Attachment:

None.



Western Riverside Council of Governments

Public Works Committee

Staff Report

Subject: Interactive TUMF Network Update

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

Date: November 8, 2018

The purpose of this item is to provide an update on a task to develop an interactive website for the TUMF Network.

Requested Action:

1. Receive and file.

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, 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, and the Riverside Transit Agency.

TUMF Network Web Portal

In July 2018, WRCOG retained on-call planning consultant, Fehr & Peers, to develop a web map with the TUMF Network for stakeholders to review. Currently the TUMF Network documents in the Nexus Study are static and do not provide information regarding potential TUMF funding for facilities. Staff receives frequent inquiries from developers asking whether a facility they are conditioned to build is eligible for TUMF credit.

The interactive TUMF Network will be available for member agency staff and developer use and will provide the opportunity to determine whether facilities they are constructing are eligible for TUMF funding. The web map contains various filters for stakeholders to utilize which can break down the TUMF Network by project type (interchanges, bridges, railroad grade separations). The web map also contains relevant information such as maximum TUMF Share and whether portions of the TUMF Network segments have TUMF funding allocated through the Zone Transportation Improvement Programs (TIPs).

WRCOG will present the web map in its current form prior to finalizing it for use by our member agencies and other stakeholders. Staff anticipates completing the map and making it available via WRCOG's website by January 2019.

Prior Action:

None.

Fiscal Impact:

Transportation Department activities are included in the Agency's adopted Fiscal Year 2018/2019 Budget under the Transportation Department.

Attachment:

None.



Western Riverside Council of Governments

Public Works Committee

Staff Report

Subject: TUMF Zone Revenues Update

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

Date: November 8, 2018

The purpose of this item is to provide an update on TUMF collections and funding allocations.

Requested Action:

1. Receive and file.

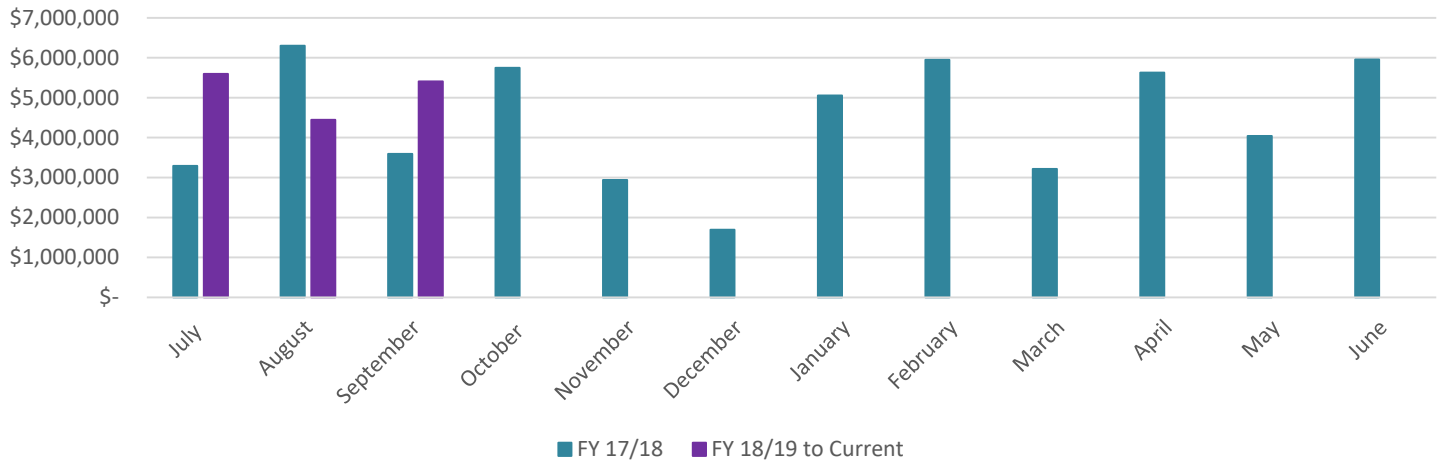
WRCOG's Transportation Uniform Mitigation Fee (TUMF) Program is a regional fee program designed to provide transportation and transit infrastructure that mitigates the impact of new growth in western Riverside County. Each of WRCOG's member jurisdictions and the March JPA participates in the Program 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).

TUMF Zone Revenue

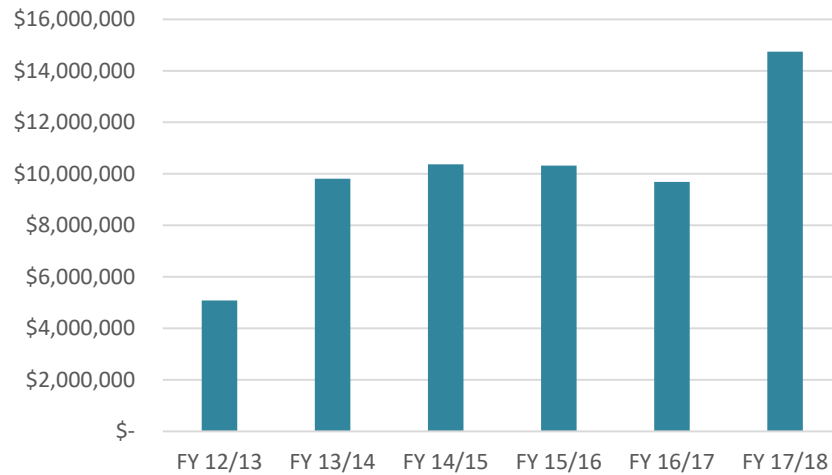
At its October 11, 2018, meeting, the Public Works Committee (PWC) requested that staff provide an update on the revenue forecasting process and anticipated revenues for each respective TUMF Zone. This information is intended to provide a broader picture of longer term trends than the monthly report which is provided at each PWC meeting.

For the first three months of TUMF collections for Fiscal Year (FY) 2018/2019 total revenue has been approximately \$15M. By Zone, the Central and Northwest have collected approximately 2/3 of the total revenue for the FY. By land use, single-family residential collections have been the most significant with approximately 2/3 of the total revenue for the FY.

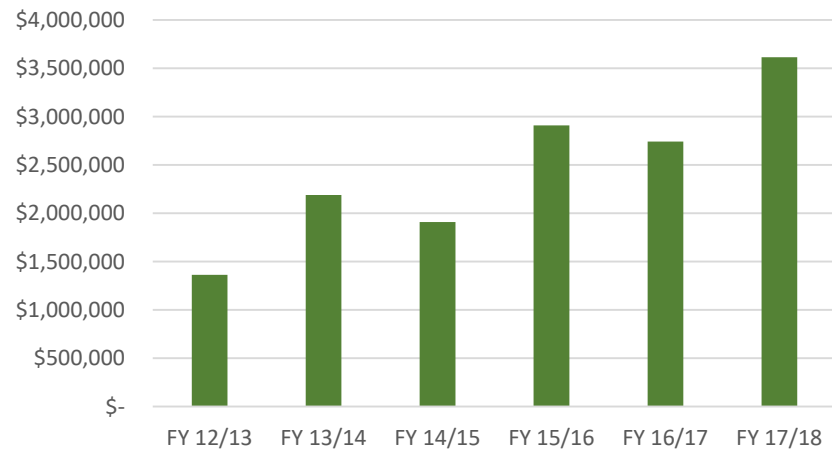
TUMF Revenue - All Zones

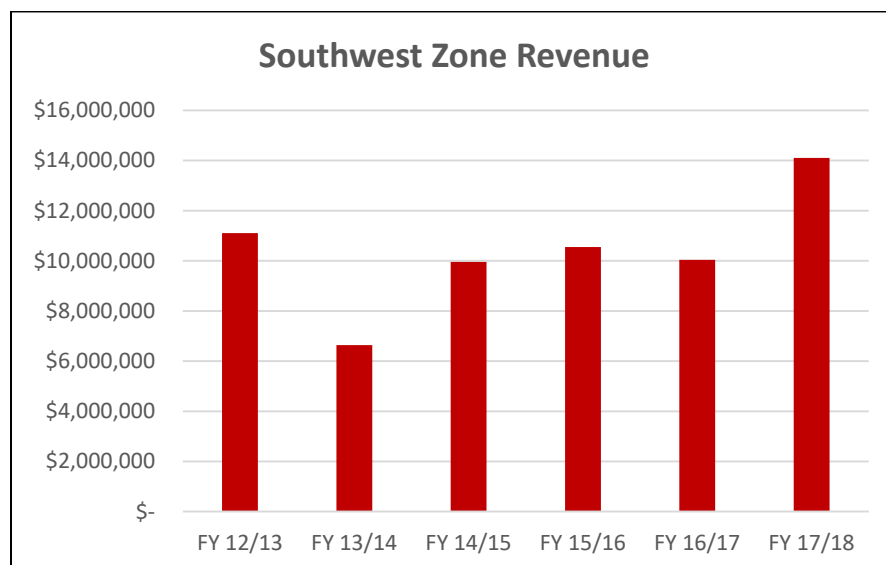
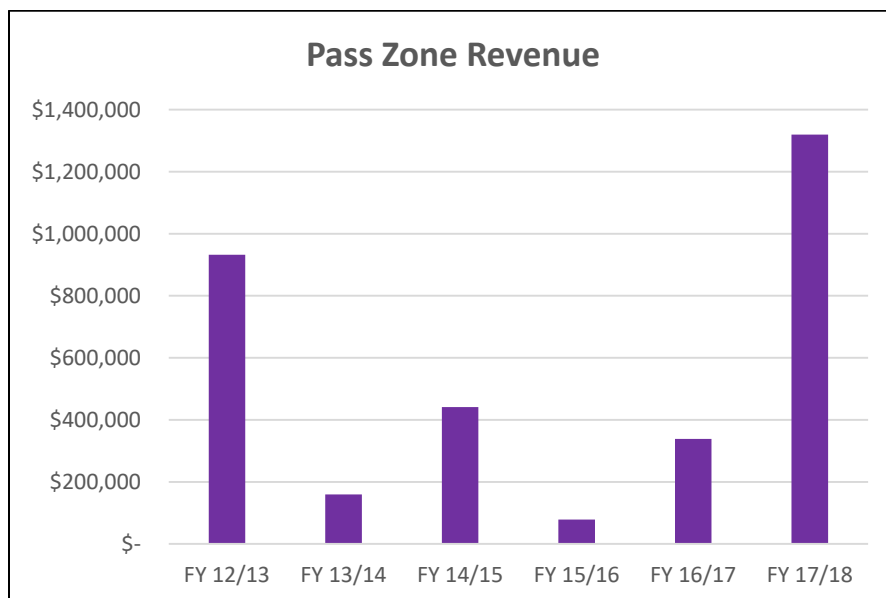
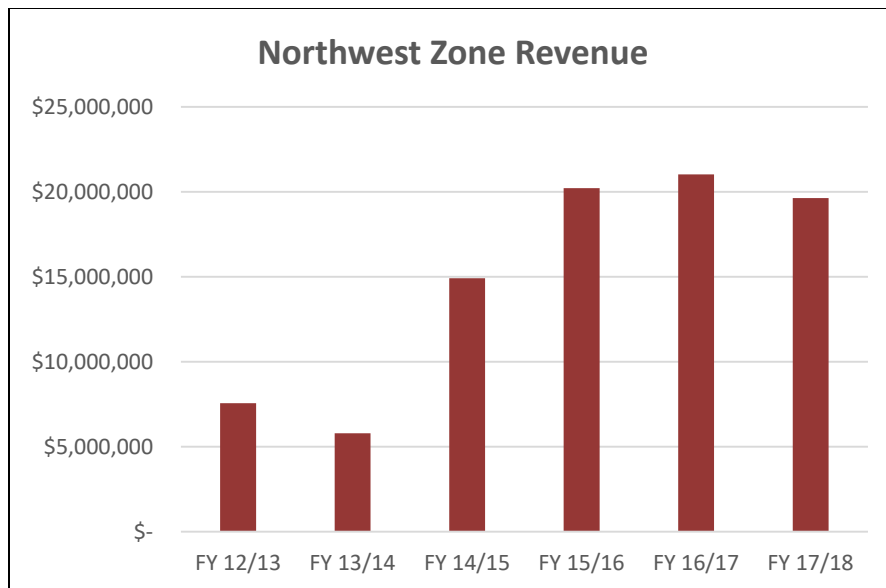


Central Zone Revenue



Hemet / San Jacinto Zone Revenue





Staff would note that the revenue figures as shown in the charts are based on TUMF collections prior to the allocation to agencies included in the Nexus Study and TUMF Administrative Plan. These agencies include

RCTC, RTA, and RCA. As outlined in the TUMF Nexus Study, 45.7% of each TUMF dollar collected is returned directly to the Zone from which it was generated.

WRCOG regularly convenes Zone Committee meetings to develop Transportation Improvement Programs (TIPs), which allocate funding to specific projects in the subregion based on projected revenue for each Zone. Projected revenue is calculated for each TIP based on the average collections from the Zone for the past three fiscal years, and adjusted to account for the TUMF dollar split described above. Once a project is on the TIP, funding is provided to member agencies on a reimbursement basis as the projects progress. Examples of projects and TIP funding allocations are included below:

Scott Road Interchange:	\$15M
Nuevo Road Widening:	\$4.3M
Market Street Bridge:	\$4.7M
Hamner Avenue Widening and Bridge:	\$10.5M
Limonite Avenue Bridge:	\$3.6M
Temecula Parkway Interchange:	\$10M
SR-74 Interchange:	\$10M
Bundy Canyon Road Widening:	\$14M
Highland Springs Interchange:	\$2.1M
Cherry Valley Boulevard Interchange:	\$2M

Prior Action:

None.

Fiscal Impact:

Transportation Department activities are included in the Agency's adopted Fiscal Year 2018/2019 Budget under the Transportation Department.

Attachment:

None.



Western Riverside Council of Governments

Public Works Committee

Staff Report

Subject: Project Prioritization: Pass Zone Case Study

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

Date: November 8, 2018

The purpose of this item is to provide information on the project prioritization process currently underway in the Pass Zone.

Requested Action:

1. Receive and file.

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 Regional Conservation Authority (RCA) and the Riverside Transit Agency (RTA).

Pass Area Prioritization Process

Approximately five years ago, cities of the Pass area and the County of Riverside worked together to evaluate key transportation projects submitted by each jurisdiction and to rank them based on technical criteria. The results of this technical prioritization were presented to elected representatives from each agency and shared with RCTC and WRCOG to assist in the programming of funds for implementation of the projects. The Sunset Avenue Grade Separation project had been identified as the top priority for the region by the Pass area agencies. The Sunset Avenue Grade Separation project was completed in early 2016 with funding from a variety of local, state, and federal funding sources.

In May 2018, WRCOG, RCTC, and the County of Riverside invited the cities of the Pass area to participate in a similar prioritization. The cities of the Pass area and the County expressed interest and initiated the following process:

1. The Pass Area Zone TAC will meet to review and update the technical criteria;
2. WRCOG will issue a call-for-projects as part of the regular Zone project review;
3. Each agency will be asked to submit up to three priority projects for evaluation;
4. The Pass Area Zone TAC will meet to evaluate and rank projects based on the established ranking criteria;
5. The Pass Area Zone TAC will make a recommendation to the Elected Zone Committee, who will make the final recommendation to the WRCOG Executive Committee on the Zone priorities; and
6. RCTC will use the prioritization list for future funding allocations.

An initial meeting was held in July 2018 to review and update the technical criteria for project ranking, and is

described in more detail below. Each of the cities and the County submitted up to three priority projects to WRCOG for evaluation. On October 22, 2018, the cities and the County met to evaluate and rank projects. WRCOG staff are compiling the scores and has scheduled a follow-up meeting with RCTC before convening an additional Zone TAC meeting or seeking consensus on a recommendation to the Elected Zone Committee.

Pass Area Project Evaluation Criteria

The Pass Area Zone TAC elected to evaluate projects based upon the following general criteria:

- **Emphasis on Measure A:** Regional arterial projects eligible to receive Measure A funds from various programs (Measure A Regional Arterial, TUMF Regional Arterial, CETAP, etc.);
- **Regional Significance:** Based on project buildout year Average Daily Traffic (ADT);
- **Economic Development:** Projects resulting in retention or expansion of job base (for example, based on acreage of non-residential development in vicinity of project or proximity to goods movement routes, etc.);
- **Project Readiness:** Projects as close to construction as possible;
- **Congestion Mitigation / Air Quality (CMAQ):** Projects with CMAQ funding secured or eligible;
- **Safety:** Projects that identify a significant safety enhancement (elimination of known hazard, inconsistency with current design practices, grade separations, interchanges, etc.);
- **Matching funds:** Based on availability of existing funds; and,
- **System Continuity:** Based on a demonstrated ability to improve a continuous transportation system (gap closures, railroad grade separation, interchanges, bypass routes, etc.).

Please refer to Attachment 1 for additional specifics on the criteria developed by the Pass Area Zone TAC. Member agencies submitted project nomination forms, Attachment 2, explaining how each project met the criteria listed above. Each category was worth a maximum of either five or ten points.

Applicability to Other Zones

WRCOG staff request input from other Zones as to whether similar efforts would benefit each Zone. In the past, this type of list has been used by member agencies to assist with grant applications and to secure funding separate from the TUMF Program. For example, member agencies would be able to point to a “prioritization list” to demonstrate that a given project has been determined to have regional significance.

Staff has discussed this prioritization effort with RCTC staff which could potentially be used for the remaining Zones in determining priorities for future TUMF Regional Arterial Program cycles.

Prior Action:

None.

Fiscal Impact:

Transportation Department activities are included in the Agency’s adopted Fiscal Year 2018/2019 Budget under the Transportation Department.

Attachments:

1. 2018 Evaluation Criteria.
2. Project Worksheet for Agencies.

Item 7.E

Project Prioritization: Pass Zone
Case Study

Attachment 1

2018 Evaluation Criteria

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I. Emphasis on Measure A Program – 0 to 5 points

Regional arterial projects eligible to receive Measure A funds from various programs such as Measure A Regional Arterial, TUMF Regional Arterial, CETAP, or other Measure A funded programs.

II. Regional Significance

Project Applicants are to submit project buildout year Average Daily Traffic (ADT). Agencies are encouraged to submit traffic volume support documentation that they have.

The scoring delineation for ADT in the project buildout year is as follows:

<u>Buildout ADT</u>	<u>Points</u>
30,001 and greater	10
20,001 – 30,000	6
20,000 and below	3

III. Economic Development – 0 to 5 points

Projects resulting in retention or expansion of the job base in the Pass area. Agencies are encouraged to submit relevant information regarding development and the importance of the project to accommodate the Pass area.

Project applicants are to describe the nexus between the proposed project and job base, and provide a description of the current and/or proposed job activity the project would serve. Specific criteria to be considered include, but are not limited to:

- Acreage of non-residential development (planned or existing) adjacent to or in a 1-mile radius of the project;
- Proximity to routes that play a supporting role in the goods movement, or improvements along a trade corridor;
- Number of new or existing employees adjacent to or within a 1-mile radius of the project.

IV. Project Readiness

Projects ready as close to construction as possible (e.g. completing engineering and design, environmental and right of way clearance).

The scoring delineation is as follows:

<u>Level of Project Readiness</u>	<u>Points</u>
Ready for construction	10
Less than 1 year	7
1 to 3 years	5
Greater than 3 years	3

V. Congestion Mitigation – Air Quality – 0 to 5 points

Projects that will result in improving air quality.

The scoring delineation is as follows:

<u>Funding Status</u>	<u>Points</u>
CMAQ Funding Secured	5
CMAQ Funding Eligible	3
Not Eligible	0

VI. Safety – 0 to 5 points

Projects that identify a significant safety enhancement. Agencies are encouraged to include any accident data that they have for the area in proximity to the project.

More points will be awarded to projects that can demonstrate the following project characteristics:

- Elimination of known roadway safety hazard;
- Inconsistency with current design practices;
- Road design and traffic volumes;
- Grade separation projects;
- Interchanges.

VII. Matching Funds

Projects that will be assigned points based on availability of existing funds:

	<u>Points</u>
Over 50%	5
50% to 40%	4
39% to 30%	3
29% to 20%	2
19% to 10%	1
Under 10%	0

VIII. System Continuity

Projects will be assigned points based on a demonstrated ability to improve a continuous transportation system.

	<u>Points</u>
“Missing Link” or “Gap Closure” projects	5
Railroad Grade Separation or Interchange Expansions	5
Projects that provide parallel or alternate routes (bypass projects)	3

Item 7.E

Project Prioritization: Pass Zone
Case Study

Attachment 2

Project Worksheet for Agencies

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Project Name: _____

Agency: _____

Category	Points Awarded
I. Emphasis on Measure "A" Program	
II. Regional Significance	
III. Economic Development	
IV. Project Readiness	
V. Congestion Mitigation/Air Quality	
VI. Safety	
VII. Secured Funds	
VIII. System Continuity	
Total	

Project Description:

Insert Text

Project Location: _____

I. Emphasis on Measure "A" Program (0 to 5 points) – Points Awarded: _____

Regional arterial projects eligible to receive Measure A funds from various programs such as Measure A Regional Arterial, TUMF Regional Arterial, CETAP, or other Measure A funded programs.

Explanation:

Insert Text

II. Regional Significance

Project Applicants are to submit project buildout year Average Daily Traffic (ADT). Agencies are encouraged to submit traffic volume support documentation that they have.

The scoring delineation for ADT in the project buildout year is as follows (check one):

<u>Buildout ADT</u>	<u>Points</u>
☐ 30,001 and greater	10
☐ 20,001 – 30,000	6
☐ 20,000 and below	3

Please attach supporting documentation demonstrating the projected ADT at project buildout.

III. Economic Development (0 to 5 points) – Points Awarded: _____

Projects resulting in retention or expansion of the job base in the Pass area. Agencies are encouraged to submit relevant information regarding development and the importance of the project to accommodate the Pass area.

Project applicants are to describe the nexus between the proposed project and job base, and provide a description of the current and/or proposed job activity the project would serve. Specific criteria to be considered include, but are not limited to:

- Acreage of non-residential development (planned or existing) adjacent to or in a 1-mile radius of the project;
- Proximity to routes that play a supporting role in the goods movement, or improvements along a trade corridor;
- Number of new or existing employees adjacent to or within a 1-mile radius of the project.

Explanation:

Insert Text

Please attach supporting documentation as necessary.

IV. Project Readiness

Projects ready as close to construction as possible (e.g. completing engineering and design, environmental and right of way clearance).

The scoring delineation is as follows (check one):

<u>Level of Project Readiness</u>	<u>Points</u>
☐ Ready for construction	10
☐ Less than 1 year	7
☐ 1 to 3 years	5
☐ Greater than 3 years	3

Please attach supporting documentation as necessary.

V. Congestion Mitigation

Projects that will result in improving air quality.

The scoring delineation is as follows (check one):

<u>Funding Status</u>	<u>Points</u>
☐ CMAQ Funding Secured	5
☐ CMAQ Funding Eligible	3
☐ Not Eligible	0

Please attach supporting documentation as necessary.

VI. Safety (0 to 5 points) – Points Awarded: _____

Projects that identify a significant safety enhancement. Agencies are encouraged to include any accident data that they have for the area in proximity to the project.

More points will be awarded to projects that can demonstrate the following project characteristics (check as applicable):

- ☐ Elimination of known roadway safety hazard;
- ☐ Inconsistency with current design practices;
- ☐ Road design and traffic volumes;
- ☐ Grade separation projects;
- ☐ Interchanges.

Explanation:

Insert Text

Please attach supporting documentation as necessary.

VII. Matching Funds

Projects that will be assigned points based on availability of existing funds (check one):

	<u>Points</u>
☐ Over 50%	5
☐ 50% to 40%	4
☐ 39% to 30%	3
☐ 29% to 20%	2
☐ 19% to 10%	1
☐ Under 10%	0

Explanation:

Insert Text

Please attach supporting documentation as necessary.

VIII. System Continuity

Projects will be assigned points based on a demonstrated ability to improve a continuous transportation system (check one or more).

	<u>Points</u>
☐ "Missing Link" or "Gap Closure" projects	5
☐ Railroad Grade Separation or Interchange Expansions	5
☐ Projects that provide parallel or alternate routes (bypass projects)	3

Explanation:

Insert Text

Please attach supporting documentation as necessary.