



Western Riverside Council of Governments Planning Directors' Committee

AGENDA

**Thursday, March 9, 2017
9:00 a.m.**

**Murrieta City Hall
Veterans Room
1 Town Square
Murrieta, CA 92562**

Please Note Meeting Location

In compliance with the Americans with Disabilities Act and Government Code Section 54954.2, if special assistance is needed to participate in the Planning Directors' Committee meeting, please contact WRCOG at (951) 955-0186. Notification of at least 48 hours prior to meeting time will assist staff in assuring that reasonable arrangements can be made to provide accessibility at the meeting. In compliance with Government Code Section 54957.5, agenda materials distributed within 72 hours prior to the meeting which are public records relating to an open session agenda item will be available for inspection by members of the public prior to the meeting at 4080 Lemon Street, 3rd Floor, Riverside, CA, 92501.

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

- 1. CALL TO ORDER (Matt Bassi, Chair)**
- 2. SELF INTRODUCTIONS**
- 3. PUBLIC COMMENTS**

At this time members of the public can address the Planning Directors' 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.

- 4. CONSENT CALENDAR**

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

- A. Summary Minutes from the February 9, 2017, Planning Directors' Committee meeting are available for consideration. P. 1

Requested Action: 1. Approve Summary Minutes from the February 9, 2017, Planning Directors' Committee meeting.

- B. WRCOG Committees Update Andrea Howard, WRCOG P. 9

Requested Action: 1. Receive and file.

- C. Transportation Uniform Mitigation Fee (TUMF) Nexus Study Update Daniel Ramirez-Cornejo P. 15

Requested Action: 1. Receive and file.

5. REPORTS/DISCUSSION

- A. SCAG Sustainability Planning Grants Debrief Andrea Howard, WRCOG P. 25

Requested Action: 1. Receive and file.

- B. Regional Streetlight Program Activities Update Tyler Masters, WRCOG P. 27

Requested Action: 1. Discuss and provide input on the draft County of Riverside Lighting Ordinance and Lighting Analysis Specification sheet.

- C. Work Plan for Proposed Grant Writing Assistance Program for Local Jurisdictions Christopher Tzeng, WRCOG P. 53

Requested Action: 1. Discuss and provide input.

- D. Transportation Uniform Mitigation Fee (TUMF) Calculation Update Christopher Gray, WRCOG P. 57

Requested Action: 1. Discuss and provide input.

- E. BEYOND Framework Fund Program Activities Update Andrea Howard, WRCOG P. 59

Requested Action: 1. Receive and file.

6. ITEMS FOR FUTURE AGENDAS Members

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

7. GENERAL ANNOUNCEMENTS Members

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

8. NEXT MEETING: The next WRCOG Planning Directors' Committee meeting is scheduled for Thursday, April 13, 2017, at 9:00 a.m. at a location to be determined.

9. ADJOURNMENT

1. CALL TO ORDER

The meeting of the Planning Directors' Committee (PDC) was called to order at 9:12 a.m. by Chair Matt Bassi at the Riverside City Hall, Mayor's Ceremonial Room.

2. SELF INTRODUCTIONS

Members present:

Patty Nevins, City of Banning
Cathy Perring, City of Eastvale
Nancy Gutierrez, City of Hemet
Mary Wright, City of Jurupa Valley
Richard MacHott, City of Lake Elsinore
Rick Sandzimier, City of Moreno Valley
Cynthia Kinser, City of Murrieta
Doug Darnell, City of Riverside
Matt Bassi, City of Wildomar (Chair)
Lauren Sotelo, March JPA
Shane Helms, Morongo Band of Mission Indians

Staff present:

Jennifer Ward, Director of Government Relations
Christopher Gray, Director of Transportation
Christopher Tzeng, Program Manager
Tyler Masters, Program Manager
Andrea Howard, Staff Analyst

Guests present:

Matt Burris, Raimi + Associates
Martha Durbin, Riverside County Transportation Commission
Jay Eastman, City of Riverside
Miguel Nunez, Fehr & Peers
Michael Osur, Riverside University Health System – Public Health
Kristin Warsinski, Riverside Transit Agency

3. PUBLIC COMMENTS

None.

4. CONSENT CALENDAR - (Kinser/Wright) 11 yes; 0 no; 0 abstentions. Items 4.A through 4.F were approved by a vote of those members present. The Cities of Calimesa, Canyon Lake, Corona, Menifee, Norco, Perris, San Jacinto, Temecula, and the County of Riverside were not present.

A. Summary Minutes from the December 8, 2016, Planning Directors' Committee meeting were available for consideration.

Action: 1. *Approved Summary Minutes from the December 8, 2016, Planning Directors' Committee meeting.*

B. WRCOG 2017-2018 Legislative Platform

Action: 1. *Received and filed.*

C. PACE Program Activities Update

Action: 1. *Received and filed.*

D. Subregional Economic Development Initiative

Action: 1. *Received and filed.*

E. BEYOND Framework Fund

Action: 1. *Received and filed.*

F. Transportation Uniform Mitigation Fee (TUMF) Nexus Study Update

Action: 1. *Received and filed.*

5. REPORTS AND DISCUSSIONS

A. Bi-County Healthy Development Checklist

Matt Burris, consultant to Riverside University Health System – Public Health (RUHS-PH), introduced the latest draft of the Bi-County Healthy Development Checklist (the Checklist). The consultant team is currently conducting stakeholder interviews, seeking feedback to ensure an appropriately comprehensive tool. Stakeholders reached at this point include several cities, planning agencies throughout the Inland Empire, WRCOG, SANBAG, Hark Riverside County, San Bernardino County Public Health, and nonprofit organizations in the health and land related fields. They are planning to make contact with the Building Industry Association and Coachella Valley Association of Governments soon.

Through the outreach process, the consultant team is looking to answer the question of whether or not Planning Directors' Committee (PDC) members could envision themselves using the Checklist and why. All comments should be submitted by the end of February; the final checklist is scheduled to be completed in May.

The Checklist is being developed as a result of the County's Health Element which includes a policy that calls for development to consider health and recommends use of a Health Impact Assessment (HIA) or healthy development review checklist. In 2015, a development project of Lewis Operating Systems (Lewis) received a comment that questioned how the project was considering health, per the Health Element policy. At that time, representatives from Lewis approached Mr. Burris at Raimi + Associates, seeking a more cost effective solution to integrate health into the project's planning phases than to conduct a costly HIA. As a result, Raimi + Associates was contracted to create a project specific healthy development review checklist, which was ultimately deemed a useful tool by both Lewis and RUHS-PH.

The draft Checklist provides a framework to systematically evaluate how health is being considered in a proposed development. By design, the Checklist is not an exhaustive list of all health related issues, which helps to meet multiple objectives. First, the designers intended to limit questions to things addressing significant health issues particularly to the Inland Empire (e.g. heart disease,

obesity, air quality, etc.). In addition, keeping the Checklist limited in length reduces the time and expense required to complete the Checklist and maintains its usefulness as a less intensive alternative to the HIA.

Later stages of the Checklist will be backed up by three points of data or information: (1) a reasoning statement justifying why the question is being asked; (2) ideal criteria to meet, based on evidence; and (3) the evidence itself.

Committee member Mary Wright asked for a recommendation on how cities should adopt, memorialize, or use the Checklist.

Mr. Burris stated that since planning is rooted in the charge of improving and protecting public health, safety, and welfare, it is within the rights of all planners to ask projects to consider the questions on the Checklist. That said, if such language exists, Mr. Burris recommends referring to language in the General Plan that calls for the consideration of health as a policy rooted justification.

Michael Osur noted that many cities in Riverside County have adopted either a health element or Healthy City Resolution.

Christopher Gray added that in reviewing the WRCOG member jurisdiction's plans, almost all have included a statement regarding multi-modal transportation, parks access, and similar objectives which are related to questions found on the Checklist.

Committee member Rick Sandzimier asked about the quoted HIA cost and the cost associated with completing the Checklist.

Mr. Burris responded that in the experience of Raimi + Associates, though an HIA can be less costly, \$125,000 is the average. He noted that the HIA is a useful tool that has its place, but generally should be reserved for larger scale projects, with ill-defined or less familiar circumstances. As for the cost of completing the Checklist, one of the agency's Mr. Burris spoke with during the stakeholder outreach phase, noted that they would be able to complete the plan in house within a day – not requiring hiring any outside consultant and therefore keeping costs relatively low.

To help to further reduce the cost of completing the Checklist, Mr. Burris recommends that it be discussed in the earliest interaction between a developer and the city's planning department to highlight the importance of considering health in the earliest planning phases of a development.

Action: 1. *Received and filed.*

B. Fiscal Year 2017/2018 SB 821 bicycle and Pedestrian Facilities Program Call for Projects

Martha Durbin reported that the Riverside County Transportation Commission (RCTC) has opened the Fiscal Year 2017/2018 SB 821 Call for Projects to fund transportation related infrastructure. The Program is funded by revenues derived from statewide sales tax. The amount available for programming in FY 2017/2018 for the SB 821 Call for Projects is approximately \$3,467,784. RCTC is hosting a Technical Workshop in February 16, 2017. Proposals are due April 27, 2017. Projects will be reviewed by a panel and approved projects will commence in June, 2017. This presentation will be delivered to the WRCOG Public Works Committee later in the afternoon. The SB 821 instructions and application can be found on the front page of the RCTC website, www.rctc.org.

Committee member Mary Wright asked if there is a maximum ask for an individual project.

Ms. Durbin responded that there is no minimum or maximum request.

Committee member Rick Sandzimier asked how the point structure for scoring applications was determined.

Ms. Durbin stated that a subcommittee of the 2015 RCTC Technical Advisory Committee (TAC) reviewed and updated the evaluation criteria, which was later approved by the TAC and RCTC board.

Action: 1. *Received and filed.*

C. Regional Streetlight Program Activities Update

Tyler Masters provided an update on the Regional Streetlights Program which established in an effort to decrease the cost to local jurisdictions of operating Streetlights by purchasing the lights from Southern California Edison (SCE) and performing LED retrofits, thereby reducing markup and operational costs.

To inform the selection of the replacement lights, WRCOG worked with the City of Hemet and several lighting vendors to establish the Streetlight Demonstration Area. The Demonstration Area included over 150 LED fixtures featuring 12 different lighting manufactures' technologies. WRCOG conducted five tours of the area to gather input from over 120 attendees in total. WRCOG is currently analyzing data collected regarding opinions of the various technologies displayed. These results will be available in March.

The Cities of Moreno Valley and Lake Elsinore have confirmed purchase from SCE, additional Cities are looking to take the item to Council for approval within the next month.

Toward the end of 2016, WRCOG began reviewing our jurisdictions' streetlight design standards. A majority of cities in the subregion have adopted a version of the County's Ordinance No. 655 on lighting design standards which provides standards for high-pressure and low-pressure lights and related protocols. The lighting technology included in the current standards do not include the latest technologies, including LEDs, necessitating an update to the Ordinance. WRCOG has prepared a draft update which was attached to this item's staff report. Members are asked to review and provide comments to WRCOG by the end of February.

Committee member Mary Wright shared that her Public Works staff has noted that the recommended LED fixtures do not meet the electrical RP-8 lighting guidelines and asked if this is problematic.

Mr. Masters responded that none of the WRCOG cities standards meet the recommended guidelines, and it does not impose any risks not to meet these standards.

Committee member Cynthia Kinser asked if there is any kind of interim agreement option to cover the maintenance of lights prior to the full ownership transition to the city.

Mr. Masters responded that a typical response might be to expand current contracts with either the County, which operates some streetlights, or a third party which might be providing maintenance services for city-owned traffic lights.

Committee member Richard MacHott inquired whether Mt. Palomar representatives have been involved in the planning process.

Mr. Masters confirmed both County staff and Mt. Palomar have been involved in the planning process and they have endorsed the draft lighting design standards update.

Action: 1. *Received and filed.*

D. Active Transportation Plan Update

Miguel Nunez, WRCOG consultant with Fehr & Peers, provided an update on the WRCOG Active Transportation Plan (ATP). The purpose is not to replace local active transportation plans. Instead it is to identify a series of regional facilities that could be eligible for funding opportunities—focusing on projects that will significantly increase health and safety outcomes. WRCOG recognizes that several simultaneous efforts are taking place across the subregion now, including the Riverside Transit Agency's First/Last-Mile Plan. Through coordinated efforts and open lines of communication, the project team is working hard to ensure that various efforts are complementary and not duplicative.

To date, the project has finalized an existing conditions report and a list of goals and objectives. Currently, the project is focused on finalizing a regional network. Following completion of the network, the project will turn its focus to developing a funding and implementation strategy. Fehr & Peers has subcontracted with Raimi + Associates to consider the plan through a health lens. The result of Raimi and Associates' work should provide additional information that will be bolster applications for funding.

The regional network has been founded on identification of projects of regional significance. The criteria for regional significance is as follows: (1) the project overcomes a regional barrier (e.g. a bike or water way), (2) project connects to a regional transit facility, and/or (3) the facility spans multiple jurisdictions. This criteria was listed in a survey issued to a variety of stakeholders, including the PDC, in December. The final survey responses are being collected and analyzed now. By including a facility in the regional plan, it will likely increase its eligibility for funding, as it is commonly asked whether or not a project is included in a local and/or regional plan.

The regional network is anticipated to be finalized in March. From April through June, the project will be identifying funding opportunities and preparing a complete draft ATP. The final ATP is anticipated to be completed in late September 2017.

Action: 1. *Received and filed.*

E. Transportation Uniform Mitigation Fee (TUMF) Fee Calculation Handbook

Christopher Gray provided an update on the WRCOG TUMF Fee Calculation Handbook update. In particular, members have asked for clarification on mixed-use trip generations. The current handbook offers no explicit mixed-use trip generation definition. To address this, WRCOG is departing from our traditional model which has allowed jurisdiction to perform the calculations independently. Because mixed-use has many nuances, WRCOG is proposing a process in which WRCOG would help our jurisdictions perform the mixed-use calculations using a standard spreadsheet tool generated by the Environmental Protection Agency.

For the purposes of TUMF, mixed-use has been defined as three or more significant revenue producing uses and significant physical and functional integration of project components—which has been recognized to be a subjective definition which varies from project to project. By using the EPA's tool, the identification of mixed-use becomes somewhat quantitative. In Mr. Gray's experience as a consultant, with practice, it takes an average of 15 minutes to complete the EPA's spreadsheet.

WRCOG was awarded \$175 thousand through SCAG's Sustainability Planning Grants Program (SPG) for a Senate Bill 743 implementation study which will be directed, in-part toward developing WRCOG specific information on mixed-use that will be applied to the Fee Calculation Handbook.

Mr. Gray concluded by noting that the Handbook is a work in progress that staff is taking great care to update and will be sure to continuously engage stakeholders, including PDC members, in the

process. Staff is also planning to continually refine the Handbook after initial adoption. The final result is anticipated to yield a significantly different process which will eventually be very successful.

Committee member Cynthia Kinser shared that Murrieta is anticipating a majority of small, mixed-use projects especially in the downtown, and is concerned that the calculation will be disadvantageous to the City.

Mr. Gray acknowledged that the case of Murrieta presents an interesting scenario that WRCOG will consider in refining the definition of mixed use. From a policy direction, TUMF encourages people to relocate in existing areas. For re-use of existing spaces, as long as the new use does not generate more traffic, the project will not pay TUMF. In addition, the program grants credits for existing uses that can be subtracted from the final TUMF fee calculation.

Another issue WRCOG has been asked to examine is how TUMF works for regional projects, like major stores which draw visitors from a wider radius. In this process, WRCOG will revisit the exemptions allotted through TUMF, as directed by our Executive Committee.

Committee member Cynthia Kinser asked how the volume of retail relates to trip generation.

Mr. Gray responded that a drawback of TUMF is that uses tend to be grouped together, retail is one of these general categories. To work around this, we could consider parsing out a separate distinct local-serving retail use with its own parameters.

Ms. Kinser added that many times the end user of a project is not known when a project is first approved.

Mr. Gray acknowledged that this is an issue WRCOG has recognized as one that needs to be addressed.

Jay Eastman stated that the concept of mixed-use makes sense only in an urban environment, but in a more isolated area, even a mixed-use project is likely to generate significant trips.

Mr. Eastman asked if WRCOG anticipates integrating Vehicle Miles Traveled (VMT) into the TUMF program in the future, given that the considerations of TUMF seem to be strongly tied to the VMT generated by a project.

Mr. Gray responded that one of the contentious issues of the TUMF Nexus Study is that VMT has been integrated into the fee calculation which is translating to a significant fee increase for non-residential uses. A key component of TUMF has always been CEQA compliance. To ensure this on an ongoing basis, the TUMF program needs to be readjusted to add VMT and to have more non-roadway projects included in the Nexus study and to also consider transit.

Action: 1. *Received and filed.*

F. Transportation Department Activities Update

Christopher Tzeng provided an update on two items: WRCOG's On-Call Planning services and the SCAG Sustainability Planning Grant (SPG) award notices.

WRCOG is moving forward with preparing a Request for Proposals (RFP) for vendors to provide on-call planning services both for WRCOG and directly for our members in six areas: (1) Transportation Planning, (2) Climate Change and Sustainability, (3) Healthy Communities, (4) Grant Writing Assistance, (5) Demographic and Economic Forecasting, and (6) General Staff Support. Once WRCOG finalizes and releases the RFP, interested firms may submit proposals for any or all sections. The evaluation process will emphasize the key staff members the firm will have working on

a project as well as the overall firm's qualifications and experience as they relate to the proposed work.

SCAG released the ranking of proposals for the SPG funding, identifying 54 top ranked projects that will be funded a total of \$9.6 million. Among those awarded funds were the City of Wildomar in the Active Transportation Category and WRCOG for its SB 743 study. An additional \$2 million is slated to be available later in the year and will be awarded to some of the projects which were not awarded funding through the first round. The ranking of projects not awarded funding has not been released, nor have raw scores for any projects.

Committee member Rick Sandzimier commented that he had asked SCAG why they were not releasing ranking, since this information would be helpful to the jurisdiction in the future.

Mr. Tzeng suggested that Mr. Sandzimier and others encourage their elected officials sitting on the SCAG board to raise these issues.

Committee member Jay Eastman commented that the City of Riverside had also reached out to SCAG to inquire about why the City had been unsuccessful in its pursuit of funding, and had essentially been told that the City had asked for too much money.

Action: 1. *Received and filed.*

6. ITEMS FOR FUTURE AGENDAS

Chairman Bassi requested that WRCOG invite a representative from SCAG to provide a debriefing on how the rankings are performed and how jurisdictions may be able to access funds in future rounds through the Sustainability Planning Grants Program.

Committee member Shane Helms announced that he has been in contact with a CEQA professional who can provide a presentation to the Committee regarding Assembly Bill 52, the meeting may be scheduled for April.

Committee member Rick Sandzimier asked if the Committee could consider how the subregion could gain more notoriety by engaging with the American Planning Association.

Mr. Gray commented that the Inland Empire is slated to host the 2020 State APA conference, and the Board is looking for a venue to host the conference in Western Riverside.

7. GENERAL ANNOUNCEMENTS

There were no general announcements.

8. NEXT MEETING: The next Planning Directors' Committee meeting is scheduled for Thursday, March 13, 2017, at 9:00 a.m. at Murrieta City Hall Veterans Room, 1 Town Square, Murrieta, CA 92562.

9. ADJOURNMENT: The meeting of the Planning Directors' Committee adjourned at 10:56 a.m.

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Western Riverside Council of Governments

Planning Directors' Committee

Staff Report

Subject: WRCOG Committees Update

Contact: Andrea Howard, Staff Analyst, howard@wrcog.cog.ca.us, (951) 955-8515

Date: March 9, 2017

The purpose of this item is to update the Committee on noteworthy actions and discussions held in WRCOG's recent standing Committee meetings and general WRCOG project updates.

Requested Action:

1. Receive and file.

Below is an update on items that have been discussed at recent WRCOG standing Committee meetings.

Public Service Fellowship Round II

WRCOG and its university partners, University of California, Riverside (UCR) and California Baptist University (CBU) have collected more than 40 applications from current students and recent graduates, eager to be a part of the second cohort of WRCOG's Public Service Fellows. Applications are currently under review. Fellow placements will be made within WRCOG's member agencies by May 2017. In this program, Fellows can work up to 30 hours per week at their host agency for a maximum of 960 hours per fiscal year and receive a stipend of \$15 per hour.

Community Choice Aggregation

At the February 6, 2017 Executive Committee meeting, staff presented a final study examining the feasibility of developing a Community Choice Aggregation (CCA) Program; the study was jointly undertaken by WRCOG, CVAG, and SBCOG. A CCA allows local jurisdictions to aggregate their buying power to secure electrical energy supply contracts on a region-wide basis. The study concluded that a CCA could provide up to a five percent savings on utility costs for Inland Area businesses and residents, translating to millions of dollars in savings, considerable reductions in greenhouse gas emissions, and substantial other economic benefits. The next step is for WRCOG, CCAG and SBCOG to consider and make recommendations on potential governance structures of the CCA. Additionally, WRCOG will be releasing a Requests for Proposals for CCA operation services.

Economic Development Initiative

In late 2017, WRCOG staff were directed to explore the potential for developing an economic development initiative to address shared economic challenges and develop regional solutions. At the February 8, 2017, WRCOG staff and representatives from the UCR Center for Economic Forecasting, and Development (the Center) presented to the Administration & Finance Committee on potential strategies and components for the initiative. The options included partnering the Riverside County Economic Development Agency (EDA) and the Center to collect and analyze restricted data, not currently available to WRCOG jurisdictions, in order to create an existing conditions analysis. Members of the Committee directed staff to convene a working group with

economic development representatives from WRCOG's member agencies to further discuss these options and, if the working group deemed it appropriate, to return to the committee with a detailed scope of work, including cost estimates for the proposed existing conditions analysis. In the coming months, staff will convene the workgroup as directed and return to the Administration & Finance Committee with updated options for the initiative.

Upcoming standing committee meetings will take place on the dates listed below:

- **Public Works Committee**
Next Meeting: Thursday, March 9, 2017 at 2:00 p.m.
- **Executive Committee**
Next Meeting: Monday, April 3, 2017 at 2:00 p.m.
- **Technical Advisory Committee**
Next Meeting: Thursday, March 16, 2017 at 9:30 a.m.
- **Administration & Finance Committee**
Next Meeting: Wednesday, April 12, 2017 at 2:00 p.m.
- **Finance Directors' Committee**
Next Meeting: Thursday, March 23, 2017 at 10:00 a.m.

Prior Action:

None.

Fiscal Impact:

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

Attachment:

1. WRCOG Executive Committee Recap: February 6, 2017.

Item 4.B

WRCOG Committees Update

Attachment 1

WRCOG Executive Committee

Recap: February 6, 2017

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Western Riverside Council of Governments

Executive Committee Meeting Recap

February 6, 2017

Transportation Uniform Mitigation Fee (TUMF) 2017 Nexus Study Update

- Staff presented an update on the TUMF Nexus Study, which has been revised substantially since the last draft study was released in 2015.
- The Nexus Study will be released to the public in February, with concurrent review by all WRCOG committees. Staff is available to present and discuss the TUMF with member agencies and the public.
- It is anticipated that the Executive Committee will consider adoption of the Nexus Study and a recommended TUMF Program Fee Schedule in May.

Community Choice Aggregation Update

- The Executive Committee received a final study that examines the feasibility of developing a Community Choice Aggregation (CCA) Program. A CCA allows for local jurisdictions to aggregate their buying power to secure electrical energy supply contracts on a region-wide basis. To achieve economies of scale and resource efficiencies, the San Bernardino Council of Governments (SBCOG) and the Coachella Valley Association of Governments (CVAG) joined WRCOG's effort to have a multi-county study completed.
- The study concluded that a CCA could provide up to a 5 percent savings on utility costs for Inland Area businesses and residents, translating to millions of dollars in savings, considerable reductions in greenhouse gas emissions, and substantial other economic benefits.
- The next step is for WRCOG, CVAG and SBCOG to consider and make recommendations on potential governance structures for the CCA. Additionally, WRCOG will be releasing a RFP to solicit bids on CCA contracting services.

Streetlight Program Update

- WRCOG staff has been working with participating member jurisdictions and SCE to support jurisdictions through the acquisition processes to transition up to 63,000 current SCE-owned streetlights to jurisdictional ownership.
- Local ownership of streetlights and concurrent retrofits to LED will save jurisdictions millions in annual utility costs. Ownership of streetlights will also afford local jurisdictions with revenue generating and various smart city opportunities. Many cities are in the process of considering their individual Purchase and Sales Agreement to initiate the acquisition.

Fellowship – Round II

- In partnership with University of California, Riverside (UCR) and California Baptist University (CBU), WRCOG launched a Public Service Fellowship Program that provides local university graduates with career opportunities with local governments and agencies in a way that is mutually beneficial to both the Fellow and Agency.
- WRCOG hires the Fellows as temporary employees and oversees the human resources and payroll aspects of the Program. Under this structure, Fellows can work up to 30 hours per week at their host Agency for a total of up to 960 hours per fiscal year. WRCOG staff is working with UCR and CBU to place a second round of Fellows among member agencies by May 2017.

WRCOG Office Relocation

- The WRCOG Executive Committee approved a proposal to relocate the Agency may relocate to the Pacific Premiere Bank building located at 3403 10th Street in Downtown Riverside (across the street from its current location). Once the office space is remodeled to fit WRCOG's needs, WRCOG staff will move and be able to host a number of committee meetings onsite. The move is tentatively scheduled for August 2017.



Western Riverside Council of Governments Planning Directors' Committee

Staff Report

Subject: Transportation Uniform Mitigation Fee (TUMF) Nexus Study Update

Contact: Daniel Ramirez-Cornejo, Staff Analyst, cornejo@wrcog.cog.ca.us, (951) 955-8307

Date: March 9, 2017

The purpose of this item is to provide Committee members with an update on the progress of the TUMF Nexus Study Update.

Requested Action:

1. Receive and file.
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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, and the Riverside Transit Agency (RTA). The TUMF Nexus Study is intended to satisfy the requirements of California Government Code Chapter 5 Section 66000-66008 (also known as the California Mitigation Fee Act) which governs imposing development impact fees in California. The Study establishes a nexus or reasonable relationship between the development impact fee's use and the type of project for which the fee is required. The TUMF Program is a development impact fee and is subject to the California Mitigation Fee Act (AB 1600, Govt. Code § 6600), which mandates that a Nexus Study be prepared to demonstrate a reasonable and rational relationship between the fee and the proposed improvements for which the fee is used. AB 1600 also requires the regular review and update of the Program and Nexus Study to ensure the validity of the Program. The last TUMF Program Update was completed in October 2009.

TUMF Nexus Study Update

Draft TUMF Nexus Study: WRCOG staff and the TUMF consultant have finalized the comprehensive update and prepared the Draft TUMF Nexus Study, which is now available for review and comment (http://www.wrcog.cog.ca.us/uploads/media_items/tumfnexusstudy-170228-draft.original.pdf) for a 45-day period. Staff requests that all comments be submitted in writing to the WRCOG office and/or via e-mail to Christopher Gray at gray@wrcog.cog.ca.us by April 14, 2017. To accompany the Draft TUMF Nexus Study, staff has prepared a cover memo detailing key components of the Nexus Study that have been revised and updated since the delay in the finalizing the study in 2015. The memo, included as Attachment 1, also addresses comments that WRCOG received in 2015 regarding the Program and implementation of the Nexus Study.

Key aspects of the Nexus Study include the following:

Growth forecast – In April 2016, SCAG approved the 2016-2040 Regional Transportation Plan / Sustainable Communities Strategy; updated growth projections confirms that updated demographic data indicates that the subregion will add more than 650,000 people, 250,000 households and 400,000 jobs. Current projections estimate the population is projected to grow from a level of approximately 1.77 million in 2012 to a future level of approximately 2.43 million by the year 2040. The projected growth in households include 173,000 single-family units and 77,000 multi-family units, representing a 48% increase in households between the 2012 base year and 2040 horizon year. By employment sector, the TUMF land use categories are projected to increase by the following amounts:

- Industrial – 81,000 employees;
- Retail – 36,000 employees; and
- Service – 275,000 employees.

The growth in employment of all TUMF land use categories represents an 87% increase in employees between 2012 and 2040. WRCOG staff requested that University of California, Riverside (UCR), staff review the growth projections for the subregion. UCR concurred with the level of projected growth based on available sources.

TUMF Network: The balance of the unfunded TUMF system improvement needs is \$3.14 billion, which is the maximum value attributable to the mitigation of the cumulative regional transportation impacts of future new development in the WRCOG region, and will be captured through the TUMF Program. This figure accounts for obligated funding and unfunded existing need. The TUMF Network cost was reduced by \$210 million in obligated funding, which included State and Federal funding secured by member jurisdictions for the implementation of TUMF facilities. Additionally, an amount of \$510 million in TUMF Network costs was removed due to existing need. As the Program is based on transportation improvements necessary to accommodate future growth, TUMF cannot fund facilities on the TUMF system which currently experience congestion and operate at unacceptable levels of service. Through the process of updating the Nexus Study, staff has consulted with member jurisdictions and stakeholders to ensure that all facilities included in the Program meet the criteria for inclusion. The minimum criteria for inclusion in the TUMF Network includes:

- At least 4 travel lanes
- Carries at least 20,000 vehicles per day by the year 2040
- Roadway is projected to operate at a volume to capacity ratio of 0.91 or worse by the year 2040

Similarly to the arterials, staff coordinated with the Riverside Transit Agency to review transit facilities against criteria developed for the transit component of the Program.

Unit cost assumptions: As part of the Nexus Study update, WRCOG developed a new set of unit costs with the latest available construction cost, labor cost, and land acquisition cost values. The unit cost assumptions are based on recent project costs and reflect recent data from Caltrans, RCTC, and local agencies as summarized by the Nexus Study Consultant. The TUMF Program uses a series of average costs to determine the costs of specific improvements to the TUMF Network, such as interchanges and bridges. Increases in unit costs since adoption of the 2009 Nexus Study are approximately 30%, on average. If the Nexus Study were updated by simply applying the changes in the cost factors, then it would result in an across the board increase in fees of 30%.

Application of fee to residential and non-residential developments: to calculate the fair share proportionality of future traffic impacts associated with residential and non-residential developments, the Nexus Study aggregates, by trip purpose, the growth in peak period Vehicle Miles Traveled (VMT) between the base and horizon years. The split between residential and non-residential developments is 71% and 29%, respectively, meaning that 71% (\$2.23 billion) will be assigned to future residential development and 29% (\$910.3 million) will be assigned to future non-residential development;

Proposed TUMF schedule: the TUMF Nexus Study indicates the maximum “fair share” fee for each of the various use types defined in the TUMF Program, which is shown below:

Land Use Type	Current Fee	Proposed TUMF Schedule
Single-Family Residential	\$8,873	\$9,985
Multi-Family Residential	\$6,231	\$6,503
Industrial	\$1.73	\$1.88
Retail	\$10.49	\$13.05
Service	\$4.19	\$4.84

Though the TUMF Nexus Study indicates the maximum fee that is assigned to each land use category, the Executive Committee has the option of adopting either the maximum fee, adopting a fee less than the maximum, or phasing-in the fee over a designated period. In September 2016, the Executive Committee convened an Ad Hoc Committee with the ultimate goal of selecting a preferred option for implementation of the TUMF Nexus Study. The Ad Hoc Committee has recommended that the WRCOG Committee structure consider a 2-year freeze and subsequent 2-year phase-in for the proposed maximum retail fee, plus a 2-year single-family residential phase-in option for implementation.

Staff has begun presenting the key components, along with the proposed fee schedule, from the Nexus Study to the WRCOG Committee structure. Additionally, staff is available to meet individually with member jurisdictions and stakeholders regarding the Program update upon request.

Responsibilities for Administering the Western Riverside County TUMF Program

Since 2003, WRCOG has administered the TUMF Program as a cooperative effort involving member jurisdictions, the Riverside County Transportation Commission (RCTC), the Riverside Transit Agency (RTA), and the Riverside County Conservation Agency (RCA). A fundamental tenet of the Program is that there is a clear and purposeful division between overall Program administration responsibilities between WRCOG and the implementing agencies. WRCOG focuses on preparing the technical Nexus Study, fee ordinances, credit agreements, fee calculation handbook and Administrative Plan, for example. The implementing agencies, including RCTC, RTA, the County, and the member agencies, implement TUMF projects based on programming decisions made by these agencies instead of WRCOG.

As the Program Manager and Program Administrator, WRCOG has continually fielded questions and requests regarding the TUMF Program and, during the most recent process to update the Nexus Study, WRCOG received additional requests to evaluate the TUMF Program and consider whether it is appropriate to modify elements of the Program to better serve member jurisdiction needs. Some examples of these requests include, but are not limited to, the following:

- Develop a more streamlined process to reimburse member jurisdictions;
- Evaluate differences in the CVAG TUMF compared to the WRCOG TUMF;
- Develop a more formalized approach to prioritize projects;
- Revisit projects eligible for reimbursement through TUMF; and
- Revisit the Zone system.

On January 11, 2017, Riverside County Supervisor Kevin Jeffries suggested at the monthly RCTC meeting that there "...should be a discussion with WRCOG to have RCTC take over the TUMF Program." The Supervisor suggested that the matter should be discussed with WRCOG and pros and cons should be evaluated. On January 26, 2017, RCTC directed its staff to undertake an exercise to evaluate the potential transfer.

While RCTC staff now has direction to undertake an evaluation of the TUMF Program within Western Riverside County (the Commission's action excluded examination of the Coachella Valley TUMF Program), WRCOG

believes it is prudent to discuss this issue with the WRCOG Committee structure.

At its February 8, 2017, meeting, the Administration & Finance Committee recommended that the Technical Advisory Committee should defer making any potential changes to the TUMF Program until after adoption of the TUMF Nexus Study. The Technical Advisory Committee reviewed the Administration & Finance Committee recommendation at its February 16, 2017, meeting, and approved the recommendation to defer taking action on any potential changes to the TUMF Program until after adoption of the TUMF Nexus Study.

Staff is requesting that, at the March 6, 2017, meeting, the Executive Committee form a TUMF Program Ad Hoc Committee to begin the discussions of the Program though no action on potential changes, if any, would occur until after action on the TUMF Nexus Study. This would provide an opportunity for members to discuss all aspects of the Program and WRCOG would convene these discussions within one month of action to form the Ad Hoc Committee. The ultimate goal of the Ad Hoc Committee would be to provide the WRCOG Committee structure with a recommendation regarding the management and administration of the TUMF Program. This Ad Hoc Committee would have the same composition as the previously convened Nexus Study Ad Hoc Committee.

Prior Actions:

February 16, 2017: The Technical Advisory Committee approved the Administration & Finance Committee recommendation to defer taking action on any potential changes to the TUMF Program until after adoption of the TUMF Nexus Study.

February 9, 2017: The Public Works Committee received report.

February 8, 2017: The Administration & Finance Committee recommended that the Technical Advisory Committee should defer making any potential changes to the TUMF Program until after adoption of the TUMF Nexus Study.

Fiscal Impact:

TUMF activities are included in the Agency's adopted Fiscal Year 2016/2017 Budget under the Transportation Department.

Attachment:

1. Draft TUMF Nexus Study Cover Memo.

Item 4.C

TUMF Nexus Study Update

Attachment 1

Draft TUMF Nexus Study Cover
Memo

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Western Riverside Council of Governments

County of Riverside • City of Banning • City of Calimesa • City of Canyon Lake • City of Corona • City of Eastvale • City of Hemet • City of Jurupa Valley
City of Lake Elsinore • City of Menifee • City of Moreno Valley • City of Murrieta • City of Norco • City of Perris • City of Riverside • City of San Jacinto
City of Temecula • City of Wildomar • Eastern Municipal Water District • Western Municipal Water District • Morongo Band of Mission Indians
Riverside County Superintendent of Schools

Date: February 28, 2017

To: Member jurisdiction staff, stakeholders, and interested parties

From: Christopher Gray, Director of Transportation

Subj: Release of Draft TUMF Nexus Study

The Western Riverside Council of Governments (WRCOG), in coordination with member and partner agencies, has prepared the Draft Transportation Uniform Mitigation Fee (TUMF) Nexus Study, which is now available for review and comment during a 45 day period which begins on the date of this memo. All comments regarding the Draft TUMF Nexus Study are to be submitted by April 14, 2017.

The TUMF Nexus Study is intended to satisfy the requirements of California Government Code Chapter 5 Section 66000-66008 (also known as the California Mitigation Fee Act) which governs imposing development impact fees in California. The study establishes a nexus or reasonable relationship between the development impact fee's use and the type of project for which the fee is required. WRCOG values your feedback and encourages all stakeholders and interested parties to review the Draft TUMF Nexus Study and provide your comments to WRCOG staff in accordance with the process outlined below.

The Draft TUMF Nexus Study supersedes the previous Draft 2015 TUMF Nexus Study and incorporates significant changes and revisions including, but not limited to the following:

- The socio-economic data has been revised to incorporate the latest growth projections from the Southern California Association of Governments (SCAG) 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS).
- WRCOG staff, consultants, and member agency staff completed an extensive exercise to review all of the transportation projects in the Nexus Study, which resulted in the removal of approximately \$300 million in projects based on completed projects and projects which did not meet the criteria for inclusion in the Nexus Study.
- The Nexus Study has been revised to include funding for future projects in the City of Beaumont, which is currently in negotiations with WRCOG to rejoin the TUMF Program. If Beaumont does not rejoin the TUMF Program prior to the adoption of the Nexus Study by the Executive Committee, then the Nexus Study will be revised to remove funding for these projects.
- Many of the technical items in the Nexus Study have been updated, including data on employees per square feet and the unit cost assumptions for the facilities included in the Program. The unit cost assumptions are the basis for the TUMF Network cost.
- This Nexus Study also incorporates the use of Vehicle Miles Traveled (VMT) as an element of the fee calculation process, which is a new approach in the TUMF Program and consistent with implementation of SB 743.

Because of these updated data and new methodological approaches, the resulting fees are substantially different for many of the land use categories in the Draft TUMF Nexus Study as compared to those presented in the Draft 2015 Nexus Study.

When reviewing the Nexus Study, WRCOG staff requests that you keep the following in mind:

- Government/Public non-residential sector fee – Government/public buildings, public schools, and public facilities are **exempt from the TUMF**, as described in the TUMF Ordinance and Administrative Plan. Though the use is exempt, the Nexus Study contains and describes the process of calculating a fee for this use to ensure that the impact of this use is not being passed on to another land use. These uses will continue to be exempt from TUMF and WRCOG is not proposing to assess TUMF fees on these uses.
- Implementation of the Nexus Study – The Nexus Study is the technical document of the Program that establishes the relationship between the fee that is being assessed and the impact of new development as the basis for establishing the maximum amount of the fee that can be imposed. The WRCOG Executive Committee has the **option** of adopting either the maximum fee, adopting a fee less than the maximum, or phasing in the fee over a designated time period. The Executive Committee has the option to review the time period of any phase-in option implemented to take action as it sees fit.
- Phasing of fees – In September 2016, the WRCOG Executive Committee formed an Ad Hoc Committee to review the Nexus Study components and identify a preferred option to finalize the study. The Ad Hoc Committee has recommended that the various WRCOG Committees (including the Public Works Committee, the Technical Advisory Committee, the Administration & Finance Committee, and ultimately the Executive Committee) **consider a 2-year freeze and subsequent 2-year phase in for the proposed maximum retail fee, plus a 2-year single-family residential phase-in option for implementation.**
- Impact of fees on development and regional economy – WRCOG retained a consultant, Economic and Planning Systems, to conduct a comprehensive fee analysis in and around the subregion to determine impact of fees assessed on new development. One of the key findings from the study was that **except for the retail sector, fees on the remaining land use types are assessed similarly in the WRCOG subregion and San Bernardino County.** The Ad Hoc Committee reviewed the findings from the study during the discussions and ultimate selection of the preferred phase-in option to finalize the Nexus Study. This fee study is available on WRCOG's website at www.wrcog.cog.ca.us.

WRCOG staff anticipates the following schedule regarding review of the Nexus Study by the WRCOG Committees:

- | | |
|--------------------|---|
| February 28, 2017: | WRCOG releases a Draft Nexus Study for review and comment by stakeholders (the draft Nexus Study comment period will be 45 days). WRCOG will retain a consultant to conduct a peer review of the Draft Nexus Study. |
| March 8, 2017: | Administration & Finance Committee reviews Draft TUMF Nexus Study; |
| March 9, 2017: | Public Works Committee reviews Draft TUMF Nexus Study; |
| March 16, 2017: | Technical Advisory Committee reviews Draft TUMF Nexus Study; |
| April 3, 2017: | Executive Committee reviews Draft TUMF Nexus Study; |
| April 12, 2017: | Administration & Finance Committee reviews comments to date on the Draft TUMF Nexus Study; |
| April 13, 2017: | Public Works Committee reviews comments to date on the Draft TUMF Nexus Study; |

April 14, 2017: Comments due on Draft TUMF Nexus Study;

April 20, 2017: Technical Advisory Committee reviews comments on the Draft TUMF Nexus Study;

May 1, 2017: Executive Committee reviews comments on the Draft TUMF Nexus Study;

May 10, 2017: Administration & Finance Committee makes a recommendation on the Draft TUMF Nexus Study;

May 11, 2017: Public Works Committee makes a recommendation on the Draft TUMF Nexus Study;

May 18, 2017: Technical Advisory Committee makes a recommendation on the Draft TUMF Nexus Study;

June 5, 2017: Executive Committee takes action on the Draft TUMF Nexus Study;

July - August 2017: Any change in fee goes into effect (depending on each member jurisdiction's approval of TUMF Ordinance / Resolutions).

The above schedule is tentative and subject to change depending on input from our Committees and stakeholders.

WRCOG appreciates your participation in the TUMF Program and is happy to answer any questions you may have regarding the Nexus Study. If you have any questions or comments regarding the Nexus Study, please direct them to:

Christopher J. Gray
Director of Transportation
Western Riverside Council of Governments
4080 Lemon Street
3rd Floor, MS 1032
Riverside, CA 92501-3609
Phone: (951) 955-8304
gray@wrcog.cog.ca.us

We would ask that you submit any comments in writing, either via mail at the address above or via email.

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Western Riverside Council of Governments Planning Directors' Committee

Staff Report

Subject: SCAG Sustainability Planning Grants Debrief

Contact: Andrea Howard, Staff Analyst, howard@wrcog.cog.ca.us, (951) 955-8515

Date: March 9, 2017

Requested Action:

1. Receive and file.

This item is reserved for a presentation by staff from the Southern California Association of Governments (SCAG) who will discuss the 2017 SCAG Sustainability Planning Grants (SPG) evaluation and award process and respond to Committee member questions.

Prior Action:

None.

Fiscal Impact:

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

Attachment:

None.

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Western Riverside Council of Governments Planning Directors' Committee

Staff Report

Subject: Regional Streetlight Program Activities Update

Contact: Tyler Masters, Program Manager, masters@wrcog.cog.ca.us, (951) 955-8378

Date: March 9, 2017

The purpose of this item is to provide the Committee with an update on the presentation from WRCOG'S Streetlight consultants about the draft County of Riverside Ordinance No. 655, analysis of the Demonstration Area, an update on the next steps that member jurisdictions are taking as they consider participating in the Program.

Requested Action:

1. Discuss and provide input on the draft County of Riverside Lighting Ordinance and Lighting Analysis Specification sheet.

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

Background

At the direction of the Executive Committee, WRCOG is developing a Regional Streetlight Program that will allow jurisdictions to purchase the streetlights within their boundaries that are currently owned / operated by SCE. Once the streetlights are owned by the member jurisdiction, the lamps will then be retrofitted to Light Emitting Diode (LED) technology to provide more economical operations (i.e., lower maintenance costs, reduced energy use, and improvements in public safety). Local control of the streetlight system allows jurisdictions opportunities to enable future revenue generating opportunities such as digital-ready networks, and telecommunications and IT strategies.

The goal of the Program is to provide cost-efficiencies for local jurisdictions through the purchase, retrofit, and maintain the streetlights within jurisdictional boundaries, without the need of additional jurisdictional resources. As a regional Program, WRCOG is working with jurisdictions to move through the acquisition process, develop financing recommendations, develop / update regional and community-specific streetlight standards, and implement a regional operations and maintenance agreement that will increase the level of service currently being provided by SCE.

Draft update to Lighting Pollution Ordinance

In 2016, WRCOG staff and consultants met with several member jurisdictions in the Regional Streetlight Program to gain an understanding of their outdoor lighting ordinances. Throughout these meetings, the Streetlight Program team learned that many of WRCOG member jurisdictions mirrored the County of Riverside's Ordinance No. 655. The County of Riverside's Lighting Ordinance, established in 1988, does not include requirements on new lighting standards such as LED. Concluding these meetings, WRCOG and

consultants began drafting a new lighting ordinance that can be distributed and used for jurisdictions' further implementation on new lighting standards, and provides support on how to meet Mt. Palomar lighting regulations. The proposed draft ordinance (Attachment 1) seeks to provide assistance to WRCOG member jurisdictions with regulations for outdoor lighting. Accordingly, Mt. Palomar staff has shown support toward the Regional Streetlight Program and provided WRCOG with a letter of support (Attachment 2) to show their gratitude towards WRCOG's efforts in implementing the Program. Along with this document, WRCOG has received a letter from the National Science Foundation (NSF) stating its continuing support of the Program, especially in the area of helping to mitigate light pollution (Attachment 3).

In addition to providing an overview of the draft ordinance, WRCOG's consultants have created a report based upon the public input and technical analysis of the Streetlight Demonstration Area hosted in the City of Hemet. The report is awaiting final revisions, but will be handed out during the meeting, and distributed electronically for further review after the meeting. The report will illustrate:

- Design and analysis of the Demonstration Area
- Survey Results
- Suggested LED lighting specification for WRCOG member jurisdictions to implement

City Council Presentations

To support the education of the Regional Streetlight Program staff has provided a number of presentations including City Council Study Sessions, Council Member briefings, and City Commissions, in addition to over 30 WRCOG Committee update presentations and City-specific cash flow meetings. Staff is working with member jurisdiction staff to set additional presentations and/or meetings as requested.

To date, the following member jurisdictions' City Councils have taken action to acquire the SCE-owned streetlights in their respective jurisdiction's boundaries:

October 18, 2016:	City of Moreno Valley
January 24, 2017:	City of Lake Elsinore
February 15, 2017:	City of Menifee
February 28, 2017:	City of Temecula

Next Steps: Staff have been working with participating member jurisdictions and SCE to support jurisdictions through the acquisition processes to transition current SCE-owned streetlights to jurisdictional ownership. After assessing feasibility of acquiring its streetlights from SCE, one of the next major steps in order to complete the acquisition process is for each interested jurisdiction and SCE to mutually agree on a Purchase and Sales Agreement. The Agreement would then need to be presented to City Council for approval. Several cities have scheduled City Council meetings to consider approval of their Agreement:

March 7, 2017:	City of Murrieta – Anticipated City Council consideration.
March 8, 2017:	City of Eastvale – Anticipated City Council consideration.
March 8, 2017:	City of Wildomar – Anticipated City Council consideration.
March 13, 2017:	JCSD – Anticipated Board consideration.
March 14, 2017:	City of Hemet – Anticipated City Council consideration.
March 21, 2017:	City of San Jacinto – Anticipated City Council consideration.
March 28, 2017:	City of Perris – Anticipated City Council consideration.

Upon jurisdiction approval of the Agreement, SCE will then submit the Agreement to the California Public Utilities Commission (CPUC) for final approval before the transfer of streetlights can occur. The CPUC could take anywhere between two to six months to approve.

Below are the next steps that will be taken by a WRCOG member jurisdiction during 2017:

Jurisdiction	Received SCE evaluation	Sales Agreement Distributed	Council Action on SCE Sales Contract	Selecting financing options	Anticipated CPUC application*	Anticipated CPUC approval*	Anticipated Retrofit*
Calimesa	12/15/15	10/19/16	TBD	TBD	TBD	TBD	TBD
Corona	No	The City already owns most of the streetlights within its City Boundaries					
Eastvale	12/15/15	10/19/16	March 2017	TBD	June 2017	Sept. 2017	Nov. 2017
Hemet	1/20/16	10/19/16	3/14/17	TBD	June 2017	Sept. 2017	Nov. 2017
Jurupa Valley	2/26/16	10/19/16	Jurupa Valley will not participate in the Program.				
Lake Elsinore	9/28/15	10/19/16	1/24/17 *Approved*	TBD	April 2017	July 2017	Sept. 2017
Menifee	1/8/16	10/19/16	2/15/17 *Approved*	TBD	May 2017	Aug. 2017	Oct. 2017
Moreno Valley	N/A	N/A	10/18/16 *Approved*	TBD	January 2017	April 2017	June 2017
Murrieta	10/23/15	10/19/16	3/7/17	TBD	May 2017	Nov. 2017	Jan. 2018
Norco	3/14/16	10/19/16	TBD	TBD	TBD	TBD	TBD
Perris	1/19/16	10/19/16	3/28/17	TBD	June 2017	Sept. 2017	Nov. 2017
San Jacinto	1/21/16	10/19/16	3/7/17	TBD	May 2017	Aug. 2017	Oct. 2017
Temecula	9/28/16	10/19/16	2/28/17 *Approved*	TBD	May 2017	Nov. 2017	Jan. 2018
Wildomar	1/19/16	10/19/16	3/8/17	TBD	May 2017	Aug. 2017	Oct. 2017
County of Riverside	3/16/16	10/19/16	County of Riverside will not participate in the Program.				
JCSD	12/15/16	10/19/16	March 2017	TBD	June 2017	Sept. 2017	Nov. 2017
RCSD	2/26/16	RCSD will support the City of Jurupa Valley if the City chooses to participate in the Regional Program					

**Anticipated CPUC Application, Approval, and Retrofit dates are estimates and subject to change based upon Council approval and execution of the Sales Agreement.*

WRCOG staff continues to schedule meetings with the remaining member jurisdictions to work with SCE on the finalization of the Agreement and assist WRCOG member jurisdictions at City Council meetings for decision on the Agreement. If interested in discussing where your jurisdiction is in the process and what the next steps are, please contact Tyler Masters, Program Manager, at (951) 955-8378 or masters@wrcog.co.ca.us.

Demonstration Area Tour Update: In Partnership with the City of Hemet, WRCOG has installed a variety of LED streetlights from different vendors in five Demonstration Areas throughout the City. These five Demonstration Areas represent different street and land use types, from school, residential, and commercial areas, to low, medium, and high traffic street areas. A total of 12 outdoor lighting manufacturers are participating in these Demonstration Areas.

Input from local government officials, public safety staff, health experts, residents, business owners, and other community stakeholders is important before moving forward with a plan to upgrade streetlights in the subregion. The results obtained from the surveys will be analyzed to help identify proper lighting systems to be implemented throughout Western Riverside County.

The Planning Directors' and Public Works Committees' discussion and input will be compiled into the report before presentation to the Technical Advisory and Executive Committees. This report will provide WRCOG Committees an overview of the Demonstration Area lighting results and guide suggested lighting fixtures that were based off the analysis of the physical and electronic surveys.

Prior Actions:

February 16, 2017: The Technical Advisory Committee received report.

February 9, 2017: The Public Works Committee received report.

February 9, 2017: The Planning Directors' Committee received report.

Fiscal Impact:

Activities for the Regional Streetlight Program are included in the Agency's adopted Fiscal Year 2016/2017 Budget. The additional costs associated with this contract amendment in the amount of \$70,779 will be reflected in an upcoming Agency Budget Amendment.

Attachments:

1. Draft County of Riverside Lighting Ordinance No. 655.
2. Palomar Observatory Letter of Support.
3. National Science Foundation Letter.

Item 5.B

Regional Streetlight Program
Activities Update

Attachment 1

Draft County of Riverside Lighting
Ordinance No. 655

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PROPOSED REVISED ORDINANCE NO. 655P REGULATING LIGHT POLLUTION

Developed for WRCOG by James Benya, Benya Burnett Consultancy and Christian Monrad, Monrad Engineering for the WRCOG Southern Contracting LED Replacement Lighting Team

October 23, 2016 REV 10-25-16

Section 1. INTENT

The purpose of this Ordinance is to provide regulations for outdoor lighting that will:

- a. Help mitigate light pollution, reduce skyglow and improve the nighttime environment for astronomy and the Palomar Observatory and the overall enjoyment of the naturally dark night sky;
- b. Minimize adverse offsite impacts of lighting such as light trespass, and obtrusive light.
- c. Help protect human health and wellness and the natural environment from the adverse effects of man-made outdoor lighting.
- d. Conserve energy and resources to the greatest extent possible.

Section 2. CONFORMANCE WITH APPLICABLE LAWS, CODES, REGULATIONS and ORDINANCES.

All outdoor luminaires shall be installed in conformance with the provisions of this ordinance and the applicable provisions of the ordinances of the County of Riverside regulating the installation of such fixtures, the California Building Code Title 24 Part 2, the California Electrical Code Title 24 Part 3, the California Building Energy Efficiency Standards Title 24 Part 6, the California Sustainability Standards Title 24 Part 11 “CalGreen”, and all other applicable requirements.

Section 3.

SCOPE

The provisions of this code apply to the construction, alteration, movement, enlargement, replacement and installation of outdoor lighting throughout the unincorporated areas of Riverside County, including but not limited to:

- A. Lighting on private property, such structures, areas, features, security and advertising.
 - B. Lighting for private roadways, walkways and bikeways.
 - C. Lighting for public property such as structures, areas, features, security and advertising.
-
- 1. Facilities, sites or roadways under the sole jurisdiction of the Federal or State Governments or within the jurisdiction of a sovereign nation.
 - 2. Lighting specifically governed by a Federal or State regulation or statute.
 - 3. Lighting subject to the terms of a special plan approved by the County.

Section 4.

APPROVED MATERIALS AND METHODS OF INSTALLATION.

This ordinance is not intended to prevent the use of any design, material or method of installation not specifically forbidden, provided any such alternate has been approved. The Planning Director may approve any such proposed alternate if it:

- A. Provides at least approximate equivalence to the applicable specific requirements of this ordinance; and
- B. Is otherwise satisfactory and complies with the intent of this ordinance.

Section 5. DEFINITIONS.

- A. **Luminaire** means a complete illuminating device, lighting fixture or other device that emits light, consisting of light source(s) together with the parts designed to distribute the light, to position and protect the light source(s), to regulate the electrical power, and to connect the light sources to the power supply.
- B. **Outdoor luminaire** means a luminaire, whether permanently installed or portable, that is installed outdoors, whether completely or partly exposed or under a canopy, and used for general or task illumination for any of the following applications:
 - 1. Lighting for and around buildings and structures.
 - 2. Lighting for parks and recreational facilities.
 - 3. Parking lots and garages.
 - 4. Landscape lighting.

5. Outdoor advertising displays and other signs.
 6. General area lighting for commerce, industry or security.
 7. Street and roadway lighting.
 8. Walkway, bikeway and lighting.
- C. **Class I lighting** means all outdoor luminaires used for but not limited to outdoor sales or eating areas, assembly or repair area, outdoor advertising displays and other signs, recreational facilities and other similar applications when color rendition is important.
- D. **Class II lighting** means all outdoor lighting used for but not limited to illumination for walkways, private roadways and streets, equipment yards, parking lot and outdoor security when color rendering is not important.
- E. **Class III lighting** means that lighting not meeting Class I or Class II purposes and used primarily for decorative effects. Examples of Class III lighting include, but are not limited to, the illumination of flag poles, trees, fountains, statuary, and building walls.
- F. **Planning Director** means the Director of Planning of the County of Riverside or representative(s) designated by the Planning Director.
- G. **IES** means the Illuminating Engineering Society of North America.
- H. **Zone A** means the circular area fifteen (15) miles in radius centered on Palomar Observatory.
- I. **Zone B** means the circular ring area defined by two circles, one forty-five (45) miles in radius centered on Palomar Observatory, and the other the perimeter of Zone A.
- J. **Zone C** means the remainder of the County outside of the perimeter of Zone B.
- K. **Individual** means any private individual, tenant, lessee, owner or any commercial entity, including, but not limited to, companies, partnerships, joint ventures or corporations.
- L. **Installed** means any installation of outdoor luminaires after the effective date of this ordinance. Projects with construction plans approved by the County prior to the effective date of this ordinance are excluded from installation in compliance with this ordinance.
- M. **BUG rating of an outdoor luminaire** means the ranking of the luminaire using a photometric report to establish the Backlight (B), Uplight (U) and Glare (G) ranking according to IES TM-15-11.
- N. **Fully Shielded Luminaire** means an outdoor luminaire where no light is emitted at or above an angle of 90 degrees above the nadir as evidenced by a photometric test report from a NVLAP accredited testing laboratory in which the uplight value (U) is 0. Any structural part of the luminaire providing shielding shall be permanently attached.
- O. **Partly Shielded luminaire** means outdoor luminaires that have a U (uplight) rating between 1 and 4.
- P. **Unshielded luminaire** means outdoor luminaires that are not Fully Shielded or Partly Shielded and have a U (uplight) rating of 5 or no rating at all.
- Q. **Outdoor Advertising Display** means advertising structures and signs used for outdoor advertising purposes, not including onsite advertising signs, as further defined and permitted in Article XIX of Ordinance No. 348.

- R. **Outdoor Recreational Facilities** means public or private facilities designed and equipped for the conduct of sports, leisure time activities and other customary and usual recreational activities. Outdoor recreational facilities include, but are not limited to, fields for softball, baseball, football, soccer, and any other field sports, courts for tennis, basketball, volleyball, handball and other court sports, for which the level of play according to IES RP-6-15 Section 4.4 is Class III or Class IV.
- S. **Outdoor Sports Facilities** include fields for softball, baseball, football, soccer, and other field sports, courts for tennis, basketball, volleyball, handball and other court sports, and outdoor stadiums in which the level of play, according to RP-6-15 Section 4.4 is Class I or Class II.
- T. **Lamp or source.** Generic term for a man-made source of light. In the context of this Code, a lamp is the user-replaceable electrically powered light bulb, fluorescent or neon tube, or LED light source.
- U. **LED** means light emitting diode solid state lighting source.
- LED Hybrid** means a dedicated LED luminaire employing LED devices of two or more different colors, typically a white LED and a colored LED. For the purposes of this Ordinance, the white LED shall not exceed 3000K and the other color LED(s) must be green, amber, orange and/or red. Blue or violet LEDs are not permitted.
- LED Amber** means an LED luminaire employing amber or yellow colored LED devices.
- Filtered LED (FLED)** means a dedicated LED luminaire employing white LED devices and has a permanently affixed color filter to remove blue light and giving the appearance of an amber or yellow-green light.
- V. **Curfew** means a time established for listed lighting systems to be automatically extinguished.
- W. **Dedicated LED** means a luminaire with a hard-wired LED light generating module and a separate driver.
- X. **Outdoor Luminaire Light Output** means the amount of light, measured in lumens, generated by a luminaire. The luminaire lumens shall be the rated lumens of the luminaire according to a photometric report from a NVLAP certified test laboratory.

Section 6. TITLE 24 LIGHTING ZONES

For the purposes of complying California Code of Regulations, Title 24, Part 1, Section 10-114 and Title 24, Part 6, Section 140.7, Zone A as defined above shall be Lighting Zone 1 (LZ-1), Zone B as defined above shall be Lighting Zone 2 (LZ-2) . The balance of the County shall be LZ-2 or LZ-3 per the statewide default zones.

The Planning Director shall establish a method for applicant(s) to request and for the Planning Director to set a different lighting zone per Title 24, Part 1 Section 10-114 for a specific parcel or project.

Section 7. GENERAL REQUIREMENTS.

Light sources are restricted by lighting zone according to the following Tables:

TABLE 7-1 Class I Lighting (color rendering is important)

ALL LUMINAIRES SHALL BE FULLY SHIELDED			
Source	Zone A and LZ-1	Zone B and/or LZ-2	Zone C and/or LZ-3
LED >3000K	Not allowed	Not allowed	Not allowed
LED 3000K	Allowed	Allowed	Allowed
LED 2700K or less	Allowed	Allowed	Allowed
Incandescent or 2700K or lower LED replacement lamps	Allowed	Allowed	Allowed
LED amber, hybrid or filtered	Allowed ¹	Allowed ¹	Allowed ¹
Metal halide, fluorescent, compact fluorescent, induction	Not allowed	Allowed if 3000K or less	Allowed if 3000K or less
High pressure sodium	Allowed ¹	Allowed ¹	Allowed ¹
Low pressure sodium	Allowed ²	Allowed ²	Allowed ²
Neon or cold cathode	Not allowed	Not allowed	Not allowed
Other light sources ³	Not allowed	Not allowed	Not allowed

Notes

- ¹ Not recommended due to poor color rendering
- ² Not recommended – source is obsolete and has no color rendering
- ³ For light sources not listed, applicants may appeal as provided under Section 3.

TABLE 7-2 Class II Lighting (color rendering is not important)

ALL LUMINAIRES SHALL BE FULLY SHIELDED			
Source	Zone A and LZ-1	Zone B and LZ-2	Zone C and LZ-3 or 4
LED >3000K	Not allowed	Not allowed	Not allowed
LED 3000K	Not allowed	Allowed	Allowed
LED 2700K or less	Allowed	Allowed	Allowed
Incandescent or 2700K or lower LED replacement lamps	Allowed	Allowed	Allowed
LED amber, hybrid or filtered	Allowed	Allowed	Allowed
Metal halide, fluorescent, compact fluorescent, induction	Not allowed	Not allowed	Not allowed
High pressure sodium	Allowed	Allowed	Allowed
Low pressure sodium	Allowed ¹	Allowed ¹	Allowed ¹
Neon or cold cathode	Not allowed	Not allowed	Not allowed
Other light sources ²	Not allowed	Not allowed	Not allowed

Notes¹ Not recommended – source is obsolete and has no color rendering² For light sources not listed, applicants may appeal as provided under Section 3.**TABLE 7-3 Class III Lighting (decorative lighting)**

LUMINAIRES SHALL BE FULLY SHIELDED EXCEPT AS NOTED			
Source	Zone A and LZ-1	Zone B and LZ-2	Zone C and LZ-3 or 4
LED >3000K	Not allowed	Not allowed	Not allowed
LED 3000K	Not allowed	Allowed	Allowed
LED 2700K or less	Allowed May be partly shielded or unshielded up to 450 lumens	Allowed May be partly shielded or unshielded up to 600 lumens	Allowed May be partly shielded or unshielded up to 1000 lumens
LED amber, hybrid or filtered			
Incandescent or 2700K or lower LED replacement lamps			
Metal halide, fluorescent, compact fluorescent, induction	Not allowed	Not allowed	Not allowed
High pressure sodium	Allowed	Allowed	Allowed
Low pressure sodium ¹	Allowed ¹	Allowed ¹	Allowed ¹
Neon or cold cathode	Not allowed	Not allowed	Not allowed
Other light sources ²	Not allowed	Not allowed	Not allowed

Notes¹ Not recommended – source is obsolete and has no color rendering² For light sources not listed, applicants may appeal as provided under Section 3.

Section 8.

SUBMISSION OF PLANS AND EVIDENCE OF COMPLIANCE.

The application for any required County approval for work involving nonexempt outdoor luminaires shall include evidence that the proposed work will comply with this ordinance. The submission shall contain, but not be limited to, the following:

- A. The location of the site where the outdoor luminaires will be installed;
- B. Plans indicating the location and type of fixtures on the premises;
- C. A description of the outdoor luminaires, including, but not limited to, manufacturer's catalog cuts and drawings.
- D. Photometric reports from a NVLAP accredited laboratory indicating luminaire light source type, color temperature, and BUG rating.

The above required plans and descriptions shall be sufficiently complete to enable the County to readily determine whether compliance with the requirements of this ordinance will be secured. If such plans and descriptions cannot enable this ready determination, by reason of the nature or configuration of the devices, fixtures or lamps proposed, the applicant shall submit further evidence of compliance enabling such determination.

Section 9.

PROHIBITIONS.

- A. All lighting shall be off between 11:00 p.m. and one hour before sunrise, except as follows:
 - 1. Motion sensors may be used for Class I lighting after 11:00 p.m.
 - 2. Class II lighting may remain on all night but shall employ motion sensors to turn lights off or dim lights when there is no motion after 11:00 p.m.
 - 3. On-premise advertising signs shall only be illuminated while the business facility is open to the public
 - 4. Outdoor advertising displays may remain lighted until midnight.
 - 5. Outside sales, commercial, assembly, repair, and industrial areas shall only be lighted when such areas are actually in use.
 - 6. Outdoor recreational facilities may remain lighted to complete recreational activities that are in progress and under illumination in conformance with this ordinance at 11:00 p.m.

- B. Operation of searchlights or aerial lasers for advertising purposes is prohibited.
- C. All external sign and billboard lighting shall be top-down. Bottom mounted signs are prohibited. Signs shall comply with the sign code.
- D. Use of mercury vapor lamps is prohibited.

Section 10.

PERMANENT EXCEPTIONS.

- A. Nonconformance. All outdoor luminaires existing and legally installed prior to the effective date of this ordinance are exempt from the requirements of this ordinance except that:
 - 1. When existing luminaries are reconstructed or replaced, such reconstruction or replacement shall be in compliance with this ordinance.
 - 2. Sections 9 b, c, d and e regarding hours of operation shall apply.
- B. Fossil Fuel Light. All outdoor luminaires producing light directly by combustion of fossil fuels (such as kerosene lanterns, and gas lamps) are exempt from the requirements of this ordinance.
- C. Holiday Decorations. Lights used for holiday decorations are exempt from the requirements of this ordinance.
- D. Outdoor Sports Facilities may employ either:
 - a. Up to 6000K LED lighting systems provided (1) the lighting system employs shielding to completely prevent uplight; (2) the lighting is controlled by motion sensors or from a control booth; and (3) the lighting is dimmable and designed to use the least amount of light necessary for the activity; and (4) the lighting system has a fixed curfew of 11:00PM that can be overridden from the control booth.
 - b. Up to 5700K Metal halide lighting systems provided (1) the lighting system employs shielding to completely prevent uplight; (2) the lighting is controlled from a control booth and does not automatically turn on; (3) the lighting system has a fixed curfew of 11:00PM that can be overridden from the control booth.

Section 11.

TEMPORARY EXEMPTIONS.

- A. Information Required. Any individual may submit a written request to the Planning Director for a temporary exemption from the requirements of this ordinance. The filing fee for the temporary exemption shall be \$50.00. The Request for Temporary Exemption shall contain the following information:
1. Name, address and telephone number of the applicant;
 2. Location of the outdoor luminaires for which the exemption is requested;
 3. Specific exemption(s) requested;
 4. Use of the outdoor luminaires involved;
 5. Duration of the requested exemption(s);
 6. Type of outdoor light fixture to be used, including the light source and color temperature, total lumen output, character of the shielding, if any;
 7. Previous temporary exemptions, if any;
 8. Such other data and information as may be required by the Planning Director. The Planning Director shall have ten (10) business days from the date of receipt of the Request for Temporary Exemption to approve or disapprove the request. The applicant will be notified of the decision in writing.
- B. Duration of Approval. The exemption shall be valid for not more than thirty (30) consecutive days from the date of issuance of approval. Exemptions are renewable for a period of not more than fifteen (15) consecutive days. Requests for renewal of a temporary exemption shall be processed in the same manner as the original request. No outdoor luminaires shall be exempted from this ordinance for more than forty-five days during any twelve (12) month period.
- Exception to Section 11 (B.): An exemption for portable lighting for construction shall be valid for one year and may be renewable on an annual basis.
- C. Appeals. An applicant or any interested person may file an appeal from the decision of the Planning Director within 10 days of the date of mailing of the notice of decision to the applicant. The appellant may appeal that decision, in writing, to the Board of Supervisors, on forms provided by the Planning Department, which shall be accompanied by a filing fee of \$25.00. Upon receipt of a completed appeal, the Clerk of the Board shall set the matter for hearing before the Board of Supervisors not less than five days nor more than 30 days thereafter and shall give written notice of the hearing to the appellant

and the Planning Director. The Board of Supervisors shall render its decision within 30 days following the close of the hearing on the appeal.

Section 12. EMERGENCY EXEMPTIONS.

This ordinance shall not apply to portable temporary lighting used by law enforcement or emergency services personnel to protect life or property.

Section 13. CONFLICTS.

Where any provision of the statutes, codes or laws of the United States of America or the State of California conflicts with any provision of this ordinance, the most restrictive shall apply unless otherwise required by law.

Section 14. VIOLATIONS AND PENALTIES.

It shall be unlawful for any individual to operate, erect, construct, enlarge, alter, replace, move, improve, or convert any lighting structure, or cause the same to be done, contrary to or in violation of any provision of this ordinance.

Any individual violating any provision of this ordinance shall be deemed guilty of an infraction or misdemeanor as hereinafter specified. Such individual shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of this ordinance is committed, continued, or permitted.

Any individual convicted of a violation of this ordinance shall be (1) guilty of an infraction offense and punished by a fine not exceeding one hundred dollars (\$100) for a first violation: (2) guilty of an infraction offense and punished by a fine not exceeding two hundred fifty dollars (\$250) for a second violation on the same site and perpetrated by the same individual. The third and any additional violations on the same site and perpetrated by the same individual shall constitute a misdemeanor offense and shall be punishable by a fine not exceeding one thousand dollars (\$1,000) or six months in jail, or both. Payment of any penalty herein shall not relieve an individual from the responsibility for correcting the violation.

Section 15.
VIOLATIONS CONSTITUTE PUBLIC NUISANCE.

Any lighting structure erected, constructed, enlarged, altered, replaced, moved, improved, or converted contrary to the provisions of this ordinance shall be, and the same is hereby declared to be, unlawful and a public nuisance and subject to abatement in the manner provided by law. Any failure, refusal or neglect to obtain a permit as required by this ordinance shall be prima facie evidence of the fact that a public nuisance has been committed in connection with the erection, construction, enlargement, alteration, replacement, improvement, or conversion of a lighting structure erected, constructed, enlarged, altered, repaired, moved, improved, or converted contrary to the provisions of this ordinance.

Section 16.
SEVERABILITY.

If any provision of this ordinance or the application thereof to any individual or circumstance is invalid, the invalidity shall not affect other provisions or applications of this ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are severable.

Section 17.
EFFECTIVE DATE.

This ordinance shall take effect and be in force thirty (30) days after the date of its adoption.

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Item 5.B

Regional Streetlight Program
Activities Update

Attachment 2

Palomar Observatory Letter of
Support

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PALOMAR OBSERVATORY

CALIFORNIA INSTITUTE OF TECHNOLOGY

P.O. Box 200 / 35899 Canfield Road Palomar Mountain, CA 92060

Telephone (760) 742-2100 / Fax (760) 742-1728

astro.caltech.edu/palomar

January 10, 2017

Tyler Masters

Program Manager

WRCOG

Riverside, CA 4080 Lemon St, 92501-3609

Dear Tyler,

I am writing you today on behalf of Palomar Observatory to express our support for your initiative regarding the Riverside County Regional Streetlight Program that seeks to replace 63,000 streetlights in the County with full consideration of all stakeholders. Further I wanted to express our gratitude for including us in the discussions of this initiative: you and your team were very gracious to include the Observatory among the interested parties in this initiative.

Under your leadership, the assembled stellar team consisting of Riverside and Hemet staff, the engineering consulting of Christian Monrad, James Benya, and Jim Filanc, who are well versed in the issues concerning artificial night sky brightness, created and implemented a series of night street scenes and information packets that helped inform participants in your tour groups and produce relevant survey results. On three tours that I attended, I witnessed the professional manner which the tours were conducted. Your novel use of QR codes placed on demonstration light poles allowing the public to enter survey data with smartphones is truly innovative.

Palomar Observatory has been, and continues to be an internationally prominent astronomical observatory, producing world class science and cutting edge innovation in instrumentation and data processing. The Observatory is focused on discovery and follow-up as a matter of principle intent. Our 48 inch Samuel Oschin Schmidt Telescope with its wide-field capabilities surveys the sky, and interesting objects it finds are then analyzed in detail by the Hale 200 inch telescope, the largest in the world for the four decades after its construction. The Observatory is world renowned for the design and engineering of its construction, in the days before modern computer-based methods were available. Today the combination of Palomar Observatory, Caltech, JPL and other partners continues in the tradition of cutting edge research. In partnership with the US National Science Foundation we are developing a

state of the art 10 Million dollar camera system that will be able to obtain hundreds of images per night with a quality far exceeding historical photographic techniques. Modern data processing and machine learning methods will yield an unprecedented discovery rate, and the collected data harvested by an international science team. The Observatory also continues to equip the 200 inch Hale and 60 inch Oscar Mayer telescopes with modern instrumentation and from collaborations that make the highest use of these systems and resulting data. Included with this letter is a copy of a statement from the National Science Foundation outlining why Palomar Observatory continues to be a national strategic investment in the US science portfolio.

We believe our common interests in the control of Riverside County night sky brightness are well-aligned. Your leadership in Riverside County lighting strategy clearly serves public safety, nighttime environment, and environmental sustainability objectives for county residents. That these shared goals can also lead to reduced sky brightness for astronomy research and public enjoyment is a positive alignment of our interests. Riverside County residents will be able to take pride in being responsible stewards of the environment and in their partnership with the Observatory in exploring humankind's connection to our universe. Your effort to help others appreciate and balance needs of community with the impact of night lighting will allow the Observatory to continue producing world class science that will inspire generations to come and makes all involved, a member of the extended Palomar family.

We urge you to consider promoting using lights with the lowest blue content, color temperatures less than 3,000K, and the use of distributed controlled dimming to enhance public safety, reduce energy costs and extend the life of the LEDs. The ability to dim allows the use of condition dependent brightness programming to balance the needs of the County with the reduction of artificial night sky brightness and can aid law enforcement and public safety.

Sincerely,

A handwritten signature in black ink, appearing to read 'D McKenna', with a stylized flourish at the end.

Dan McKenna
Palomar Observatory Scientist

Item 5.B

Regional Streetlight Program
Activities Update

Attachment 3

National Science Foundation Letter

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To Whom It May Concern:

This letter is to articulate and codify the National Science Foundation's (NSF) interest in astronomical site protection for Palomar Observatory in North San Diego County, and to request your help in protecting this important shared resource.

Palomar Observatory was originally conceived in the late 1920s, and has been in continuous scientific operation since 1936. During that time it has been at the forefront of astronomical discovery, producing a wealth of seminal results that inform our understanding of the physical universe and mankind's connection to it. Palomar is a private facility, owned by the California Institute of Technology (Caltech), and operated by Caltech on behalf of an international consortium of research institutions. Palomar telescopes are operating every clear night of the year, and support the active research of hundreds of US and international astronomers.

Recently Palomar has been particularly active in the emerging field of transient astronomy – the study of astronomical sources that change in brightness and/or position with time. As a result of a peer-reviewed competition, the NSF has made a sizable award to Caltech through its Mid-Scale Innovation Program (MSIP) to bring a new wide-field optical camera and a survey program to operate it to the Palomar 48-inch Samuel Oschin Telescope. This camera will serve as the discovery engine for the Zwicky Transient Facility (ZTF). The NSF's investment in ZTF will make the federal government and the US astronomical community partners in Palomar science and the Observatory's productivity.

As a Palomar partner, the NSF and the US taxpayers who support it have a compelling interest in protecting the Observatory as an astronomical site; in order to take the best scientific advantage of Palomar conditions and the federal investment it is important to limit scattered artificial light from surrounding communities that interferes with astronomical observations. That is where you come in. For many years the Observatory has enjoyed excellent relations with its Southern California neighbors, and both groups have worked together to limit ambient light in the Palomar skies that might otherwise compromise astronomical observations. The emerging technologies of LED-based products holds the promise of making exterior lighting more efficient, affordable, and environmentally sustainable. But care must be taken to avoid adverse impacts of excessive ambient light on both astronomical observations and public appreciation of the night sky. With proper product selection and management total ambient light in the night sky can be reduced at the same time that community safety and sustainability is enhanced.

That is why we are writing here – to enlist your help as a stakeholder in the Southern California environment to work with Palomar Observatory and the NSF to help protect our night sky conditions. For Palomar and the NSF your cooperation is critical to insure we can take full advantage of the nation's investment in Palomar science. For you we hope your communities will be able to better enjoy the shared natural wonders of the night sky. Please be receptive to

the Observatory community as they reach out to engage neighboring communities in planning and discussing their lighting needs.

Thank you in advance for your time and cooperation in this important matter.

Signed,

A handwritten signature in dark ink, appearing to read "Richard Barvainis", with a long, sweeping horizontal line extending to the right.

Richard Barvainis
Program Director



Western Riverside Council of Governments

Planning Directors' Committee

Staff Report

Subject: Work Plan for Proposed Grant Writing Assistance Program for Local Jurisdictions

Contact: Christopher Tzeng, Program Manager, tzeng@wrcog.cog.ca.us, (951) 955-8379

Date: March 9, 2017

The purpose of this item is to provide a Work Plan for review and comment on the proposed Grant Writing Assistance Program WRCOG would like to commence to provide direct assistance to its member jurisdictions.

Requested Action:

1. Discuss and provide input.

WRCOG would like to commence the proposed Grant Writing Assistance Program since WRCOG has received requests to assist its member jurisdictions in grant writing. WRCOG has set aside funds to assist and is proposing to create a Grant Writing Assistance Program to assist member jurisdictions on an as-needed basis as funding is available. WRCOG convened a Focus Group for two meetings to discuss the parameters and guidelines for the program. The Work Plan below for Committee members' review and comment was drafted by WRCOG Staff and is based off input from Focus Group members.

WRCOG Grant Writing Assistance Program Work Plan

Background: WRCOG has received requests to assist member jurisdictions in preparing proposals for grant opportunities, especially the Caltrans Active Transportation Plan. WRCOG has identified short-term funds to commence a grant writing assistance program for its member jurisdictions. In order to create a program that best assists WRCOG's member jurisdictions, WRCOG staff convened a Focus Group of member jurisdiction staff to provide feedback on program specifics, which are summarized in this document. WRCOG is proposing this work plan for the Grant Writing Assistance Program funds to be approved by the WRCOG committee structure.

WRCOG envisions that once the funds have been approved, WRCOG staff will proceed with a Request for Proposals (RFP) from consultants to serve on a "bench" to provide grant writing assistance to WRCOG member jurisdictions. The bench of consultants will then be made available to member jurisdictions on a first-come, first-served basis. The consultants will assist jurisdictions with the grant application process only.

Focus Group: WRCOG convened a Focus Group to examine the Program details and logistics, since no such program has been undertaken before, and to gather input and feedback from the member jurisdictions that would be utilizing the Program. WRCOG requested two members from the Public Works Committee (PWC), which are Dan York (City of Wildomar) and Nelson Nelson (City of Corona), and two members from the Planning Directors' Committee (PDC), which are Richard Sandzimier (City of Moreno Valley) and Steven Weiss (formerly of County of Riverside). WRCOG also included staff from Riverside County Transportation Commission (RCTC), which has indicated that it is also looking into implementing a similar program for grant opportunities that deal with capital projects; including RCTC in the Focus Group ensures there are no duplicative efforts. The Focus Group met twice – in November 2016 and February 2017 – to first establish details and logistics, and then to provide feedback for the Work Plan.

Grant Writing Assistance Program Criteria: A few central items are listed below for the Program:

- The Program is meant for direct assistance to WRCOG member agencies.
- WRCOG will hire the consultants to provide assistance on behalf of member agencies. No procurement or contracts are needed from the applicant.

After careful deliberation, the Focus Group identified specific criteria for projects to qualify for assistance through the Program. First, grant proposals receiving assistance must show a nexus to the core components of WRCOG's Sustainability Framework. The Sustainability Framework is a foundational document for planning in Western Riverside County as it consists of six core components adopted by the Executive Committee, a body made up of elected officials from every WRCOG member agency. In addition, grant proposals must also show a nexus to a regionally significant plan, such as WRCOG's Subregional Climate Action Plan (CAP), the Western Riverside County Active Transportation Plan, and/or the Riverside County Transportation Commission Long-Range Plan. Lastly, a grant proposal is preferred to be multi-jurisdictional, and an "innovative" project. These criteria are proposed for the initial phase of the Program to ensure WRCOG and its member agencies show positive returns from funding for the Grant Writing Assistance Program.

Eligible Grants: For this pilot round of the Program, WRCOG is proposing to focus on a few main grant opportunities. Proposed grants are as follows:

- Active Transportation Program
- Caltrans Sustainable Transportation Planning Grant Program
- Affordable Housing and Sustainable Communities (AHSC) Program
- Clean Cities related grants
- New planning grant opportunities

To maintain flexibility with the Program, new planning grant opportunities are included so that other planning grant opportunities may be considered. It was discussed at length that planning grants are not as plentiful as infrastructure / transportation (implementation / capital improvement) grants. Therefore, this category will provide assistance if any grant opportunities that focus on planning grants become available – such as ones that help fund General Plans, Specific Plans, or Community Plans. Based on previous experiences, WRCOG believes planning grant applications are not as resource intensive as infrastructure applications, thus allowing the Program funds to be utilized efficiently. The Program is not intended to assist on infrastructure grant opportunities, i.e., TIGER, HSIP, FASTLANE, etc.

Clean Cities grants would be for Clean Cities Coalition members only and focus on any grant opportunities related to Clean Cities activities, such as electric vehicle charging stations and City / County Fleet purchasing. Funds for assistance with these grants will be allocated from Clean Cities Coalition Program funds. WRCOG administers the Coalition on behalf of the jurisdictions and agencies that pay member dues, and would like to increase the Coalition's effectiveness by assisting Coalition member agencies attain grant funding.

Project Applicant Screening: In order to ensure funds for the Program are utilized effectively and efficiently, a screening application has been created to assess projects. This screening process is meant to ensure Program criteria, as outlined above, is met. It also will evaluate if the project proposed is the preferred multi-jurisdictional and "innovative" project.

Tentatively, there will be a soft limit on the assistance each jurisdiction receives – no jurisdiction will receive assistance on more than two grants. This is a soft limit as it will be based on the number of applications received.

After it is determined a proposed project meets the criteria, WRCOG staff will follow-up with the applicant and assign an appropriate consultant to begin assisting on the grant application.

Grant Opportunities Repository: Members of the Focus Group brought up the possibility of looking into a repository of information on grants. It was determined that there are grant opportunities that follow a similar

timeframe from cycle-to-cycle; opportunities are released around the same time period each cycle. This repository would serve as a reminder to member jurisdictions of upcoming grant opportunities and deadlines. The repository would be updated twice a year and would extend its focus to include planning grant opportunities. Updates would be provided to the Planning Directors' and Public Works Committees on a quarterly basis. The consultant(s) hired to perform grant writing assistance will also be asked to contribute to regular updates of the repository. In addition, WRCOG will look into what other COGs and County Transportation Commissions have in place to achieve this function.

Grant Writing Consultant Needs: As noted above, grant writing assistance to WRCOG member agencies will be provided by consultants.

Based on the discussion with Focus Group members, the grant writing consultant will need to display a familiarity with the WRCOG subregion so that they understand which grants apply best to the member jurisdictions and how the subregion / member jurisdictions can be most competitive. They should also have direct knowledge of planning grants that can be utilized for work on General Plans, Specific Plans, Community Plans, etc. Lastly, in order to ensure WRCOG member jurisdictions receive the most adequate assistance, the RFP will indicate specific categories for consultants to choose from.

The consultants will also be asked to create a checklist of information and needs from the member jurisdiction so the process of assisting can be more streamlined and efficient.

Next Steps: This Work Plan is provided to the WRCOG Committee structure for approval of the Grant Writing Assistance Program. WRCOG staff anticipates releasing an RFP that includes a Scope of Work for grant writing assistance in March 2017.

After the consultants are selected for the grant writing assistance "bench," and at the appropriate time depending on available grant opportunities, the request for grant writing assistance application will be released to WRCOG member agencies. WRCOG staff will review the applications within seven calendar days, and, if the applicant meets the criteria set in this Work Plan, will work with the applicant to select a proper consultant. The criteria set in this Work Plan and included on the application serve as basic standards for proposals to be evaluated. The selection of proposals for grant writing assistance will be at the discretion of WRCOG based on available funding, and WRCOG reserves the right to decide the proposals that receive grant writing assistance.

Expectation of Member Agency Accepting Assistance: In order for the Program to run effectively and utilize funds efficiently, the member agency accepting grant writing assistance must agree to the following:

- Define project parameters and provide consultant a basic project description
- Dedicate sufficient resources:
 - o Attain all the necessary material on the information checklist provided by the consultant
 - o Attend kick-off meeting to ensure consultant has needed information to prepare grant application
 - o Respond to inquiries from the consultant in a timely manner
- Be responsible party for grant submittal, including signatory on application and actual submittal of the application

It is expected that once the member agency is awarded the assistance on a grant application, and the consultant is selected to assist, all parties will conduct a kick-off meeting to discuss the proposal and attain necessary information to begin work on the grant application. The consultant will prepare the grant application, and all necessary exhibits, tables, etc., for review by the member agency staff. The member agency will then provide comments to be addressed by the consultant, and the consultant will then revise the application based on comments provided. Finally, the consultant will provide the member agency staff with a final draft for review and submittal.

If the member agency is willing after the results of the grant opportunities are provided, the consultant and the member agency may request a debrief from the grantor agency for a lessons learned opportunity. WRCOG

will encourage the member agency to participate in this opportunity so that the grant writing assistance Program can display an efficient and successful process in the long run.

Prior Action:

February 9, 2017: The WRCOG Public Works Committee received report.

Fiscal Impact:

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

Attachment:

None.



Western Riverside Council of Governments

Planning Directors' Committee

Staff Report

Subject: Transportation Uniform Mitigation Fee (TUMF) Calculation Update

Contact: Christopher Gray, Director of Transportation, gray@wrcog.coq.ca.us, (951) 955-8304

Date: March 9, 2017

The purpose of this item is to update Committee members on the exemption for the rehabilitation / reconstruction of any habitable structure.

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, and the Riverside Transit Agency (RTA).

Fee Calculation Exemption Clarification

As the TUMF Program administrator, WRCOG frequently receives questions from member jurisdictions and stakeholders regarding the calculation of TUMF for developments. Since development of the TUMF Program, the Executive Committee has approved particular exemptions from TUMF assessment, which include the following:

- Low income residential housing as defined in Exhibit E, Section G of the Administrative Plan.
- Government/public buildings, public schools, and public facilities that are owned and operated by a government entity in accordance with Section Q of Exhibit E of the Administrative Plan and Section G, subsection IV of the model TUMF Ordinance. Airports that are public use airports and are appropriately permitted by Caltrans or other state agency.
- The rehabilitation and/or reconstruction of any habitable structure in use on or after January 1, 2000, provided that the same or fewer traffic trips are generated as a result thereof.
- Additional single-family residential units located on the same parcel pursuant to the provisions of any agricultural zoning classifications set forth in the Municipal Code.
- Any sanctuary, or other activity under the same roof of a church or other house of worship that is not revenue generating and is eligible for a property tax exemption (excluding concert venue, coffee/snack shop, book store, for-profit pre-school day-care, etc.)

- “New single-family homes, constructed by non-profit organizations, specially adapted and designed for maximum freedom of movement and independent living for qualified Disabled Veterans.”

One of the exemptions that staff has recently received an increase of inquiries on is the reconstruction / rehabilitation of any habitable structure. Staff would like to have a discussion with Committee members on their experience and/or interpretation of the language. To date, staff has received questions on the following scenarios:

- Type of land use changes from an exempt category to a non-exempt category: currently the TUMF Ordinance nor the Administrative Plan addresses this scenario. Staff interpretation is that development would not be assessed TUMF;
- Same category within TUMF with no change in building square footage: under the Program, this change would be exempt from TUMF;
- Change in TUMF category from a more intensive to less intensive use (service land use to retail land use): The development in this scenario would be assessed TUMF on delta of fee in effect for both land use categories. The development would receive credit for the previous service land use against the retail land use TUMF calculation for the development; and
- Type of land use is the same as the previous use and there is an increase in gross floor area: The development in this scenario would be assessed TUMF on delta of TUMF calculated for the increase in gross floor area. The development would receive credit for the current gross floor area to be applied to the overall gross floor area.

Staff believes that discussion on the exemption interpretation would provide benefit as member jurisdiction staff continue to see this type of development. The clarification to the description of the exemption would assist member jurisdiction staff as building permits are issued for this type of development. With input from the Committee members, staff will develop additional language to supplement the Administrative Plan, TUMF Ordinance, and/or TUMF Calculation Handbook regarding these scenarios for review by the Committee structure.

Prior Action:

None.

Fiscal Impact:

TUMF activities are included in the Agency's adopted Fiscal Year 2016/2017 Budget under the Transportation Department.

Attachment:

None.



Western Riverside Council of Governments

Planning Directors' Committee

Staff Report

Subject: BEYOND Framework Fund Program Activities Update

Contact: Andrea Howard, Staff Analyst, howard@wrcog.cog.ca.us, (951) 955-8515

Date: March 9, 2017

Requested Action:

1. Receive and file.

The purpose of this item is to inform members of the Executive Committee of the process and schedule for submitting applications for Round II of the BEYOND Program.

BEYOND is an economic development and sustainability local assistance funding Program designed to enable member agencies to develop and implement plans and programs aimed at improving quality of life in Western Riverside County by addressing six critical factors of quality of life: economic development, water, education, environment, health, and transportation. More than 30 projects funded through Round I of BEYOND began in February 2016 and are scheduled to be completed by no later than August 31, 2017.

On June 24, 2017, the Executive Committee approved funding a second Round of BEYOND and expanding the Program to include two competitive funding categories in addition to the central pot of non-competitive funding. The funding for BEYOND comes from WRCOG's Fiscal Year (FY) 2015/2016 Agency Carryover Funds, which has been allocated as follows:

Agency Carryover Funds FY 16/17	
Contribution to WRCOG Agency Reserves	\$ 1,047,083.00
BEYOND Core - Round II	\$ 2,052,917.00
BEYOND Team - Regional Collaboration Set Aside	\$ 175,000.00
BEYOND Health - Healthy Communities Set Aside	\$ 75,000.00
Funding for WRCOG Agency Activities	\$ 700,000.00
Funding for Regional Economic Development Initiative	\$ 250,000.00
Total Funds Available	\$ 4,300,000.00

Accessing BEYOND Round II Funding

As indicated above, there will be three distinct funding categories under the BEYOND umbrella, exclusively available to WRCOG member agencies: "BEYOND Core," "BEYOND Team," and "BEYOND Health."

"BEYOND Core" is the central category of non-competitive funding that is functionally the same format as the Round I Program. A fixed amount of funding has been allocated to each of the WRCOG member agencies as detailed in Attachment 1. WRCOG will again employ a two-step application process beginning with a brief concept proposal to confirm project eligibility. Once a project has been approved in concept, staff will ask member agencies to complete a full application which will include a detailed scope of work, budget, and timeline.

“BEYOND Team” is a new funding stream under BEYOND designed to promote collaboration within the WRCOG subregion. BEYOND Team has been allocated a total of \$175,000. To apply for these funds, two or more member agencies must jointly submit a project application.

“BEYOND Health” is another new funding stream under BEYOND specifically created to address the pernicious health challenges afflicting the subregion. BEYOND Health has been allocation \$75,000. Applicants will be able to apply specifically for BEYOND Health, or if funding for a health-related project is also being sought under BEYOND Core, member agencies may request to have that project considered for additional funding under BEYOND Health. There is no limit to the number of projects that can be funded through BEYOND Health; however, the maximum total amount that each individual applicant can request from BEYOND Health is \$7,500.

To apply for the competitive funding available through BEYOND Team and BEYOND Health, member agencies will only submit a completed application and will not be required to submit a concept proposal. Once submitted, applications will be reviewed by a panel which will forward funding recommendations to the Administration & Finance Committee for final determination.

All applications must meet the minimum eligibility requirements pertaining to WRCOG’s Economic Development and Sustainability Framework, and outlined in Attachment 2, to be considered for funding. The application and award notice schedule is detailed in Attachment 3.

WRCOG staff released the BEYOND Round II Guidelines and BEYOND Core Call for Proposals on February 28, 2017. The call for BEYOND Team and BEYOND Health Applications will be released the week of March 6, 2017.

Prior Actions:

March 6, 2017: The Executive Committee received report.
February 16, 2017: The Technical Advisory Committee received report.

Fiscal Impact:

Funding for Round II of the BEYOND Framework Fund has been programmed accordingly under the Fiscal Year 2016/2017 Agency Budget, in the General Fund.

Attachments:

1. BEYOND Core Funding Allocation.
2. BEYOND Round II Project Eligibility.
3. BEYOND Round II Program Schedule.

Item 5.E

BEYOND Framework Fund Program
Activities Update

Attachment 1

BEYOND Core Funding Allocation

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BEYOND Round II

BEYOND Core Funding Allocation Distribution

Jurisdiction	Allocation
Banning	\$ 62,664.24
Calimesa	\$ 35,000.00
Canyon Lake	\$ 39,488.29
Corona	\$ 150,868.24
Eastvale	\$ 94,576.24
Hemet	\$ 107,257.24
Jurupa Valley	\$ 120,837.49
Lake Elsinore	\$ 92,959.24
Menifee	\$ 113,957.74
Moreno Valley	\$ 161,049.24
Murrieta	\$ 129,101.74
Norco	\$ 58,135.54
Perris	\$ 102,496.24
Riverside	\$ 190,877.49
San Jacinto	\$ 82,009.54
Temecula	\$ 126,736.24
Wildomar	\$ 67,648.34
County of Riverside	\$ 177,254.30
Eastern Municipal Water District	\$ 35,000.00
Western Municipal Water District	\$ 35,000.00
Riverside County Superintendent of Schools	\$ 35,000.00
Morongo Band of Mission Indians	\$ 35,000.00
Total BEYOND Core Allocation	\$ 2,052,917.31

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Item 5.E

BEYOND Framework Fund Program
Activities Update

Attachment 2

BEYOND Round II Project Eligibility

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BEYOND Round II Project Eligibility

Applicants to BEYOND Core and BEYOND Team must demonstrate how the proposed project(s) addresses one or more of the six goals articulated in WRCOG's Economic Development and Sustainability Framework (the Framework). Applicants to BEYOND Health must demonstrate how the proposed project(s) specifically addresses the Health goal articulated in the Framework.

The WRCOG Economic Development and Sustainability Framework, approved by the Executive Committee on December 3, 2012, can be downloaded here:

www.wrcog.cog.ca.us/community/sustainability, and the specific goals are listed below.

Economic Development:

- Goal ED-1: Vision and Branding: A common understanding of, and unified voice for, economic development needs, services, assets, and challenges.
- Goal ED-2: Subregional Capacity Building: A diversified, robust, and well-known array of economic development service providers supporting the growth and expansion of local businesses.
- Goal ED-3: Economic Development Activities: Effective and coordinated local and regional economic development activities.

Education:

- Goal E-1: New Partnerships: Unite with education and business leaders to increase the number of students who are college ready, enroll and graduate from college, and who achieve technical degrees that are in demand in Western Riverside County.
- Goal E-2: Education First Culture: Unite with education and business leaders to create an education first culture in Western Riverside County.
- Goal E-3: WRCOG Leadership: Integrate education into the WRCOG mission to improve partnerships between K–12 schools, colleges and universities, government, and businesses.

Health:

- Goal H-1: Health Care Access: Facilitate the conditions needed for a growing, viable, and integrated health care system in Western Riverside County.
- Goal H-2: Health Care Workforce: Advocate for a trained, home-grown workforce to serve the healthcare needs of Western Riverside County.
- Goal H-3: Healthy Environment: Support efforts of local jurisdictions, business, and regional government to improve the health of our region's environment.
- Goal H-4: Community Design: Facilitate local efforts to improve the opportunities and choices for a healthy and active lifestyle.
- Goal H-5: Implementation + Action: Facilitate local strategic planning that improves the health and wellness of residents and communities.



Transportation:

- Goal T-1: Transportation Programs: Continue to address regional transportation needs through ongoing collaboration and program administration.
- Goal T-2: Vehicle Miles Traveled: Reduce vehicle miles traveled and improve mobility for pedestrians, transit users, and bicyclists.
- Goal T-3: Goods Movement: Support efforts to improve the sustainable and efficient movement of goods through Western Riverside County.
- Goal T-4: Air Transportation: Maintain and improve air transportation access.

Water:

- Goal W-1: Agency Coordination: Advocate for and support regional, state, and federal initiatives pertinent to the mission of the Riverside County Water Task Force.
- Goal W-2: Water Reliability: Advocate for and support efforts of local water districts to ensure long-term reliability of water supply for Western Riverside County.
- Goal W-3: Water Quality: Preserve and improve regional water quality.
- Goal W-4: Water Efficiency: Serve as a communication link and information clearinghouse on water efficiency issues for the benefit of member agencies, businesses, and residents.

Energy / Environment:

- Goal EE-1: Energy Efficiency Programs: Develop and support programs to reduce energy use and GHG emissions.
- Goal EE-2: Climate Action Planning: Provide assistance to the region on climate action planning and implementation.
- Goal EE-3: Air Quality Improvements: Partner with state and regional agencies to advocate and support efforts for cleaner air.
- Goal EE-4: Environment Conservation and Enhancement: Support regional plans and programs to maintain or improve the quality of the natural environment.
- Goal EE-5: Local Food Production: Advocate for and support regional efforts to maintain access to local food sources.

Item 5.E

BEYOND Framework Fund Program
Activities Update

Attachment 3

BEYOND Round II Program Schedule

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BEYOND Program

Round II Program Schedule

Program Milestones Option 1		
	BEYOND Core	BEYOND Team BEYOND Health
Call for Concept Proposals	February 28, 2017	-
Concept Proposals Due	March 10, 2017	-
Notification of Concept Approval Status By	March 24, 2017*	-
Call for Applications	March 24 2017*	March 6, 2017
Full Applications Due	April 21, 2017	April 7, 2017
Notice of Project Application Approval Status By	May 12, 2017	May 12, 2017
BEYOND Funding Agreement Provided By	May 19, 2017	May 19, 2017
Projects Completed By	November 15, 2018	November 15, 2018

*BEYOND Core Concept Proposals will be approved on a rolling basis from the time they are submitted. Staff will follow-up with applicants no later than March 24, 2017 to approve the project in concept or to request clarifications or revisions. Once a project is approved in concept, WRCOG staff will invite the applicant to submit a full Application.