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**REVISED BUSINESS ITEM****STAFF REPORT**

**DATE:** APRIL 7, 2016  
**TO:** EL DORADO COUNTY TRANSPORTATION COMMISSION  
**FROM:** JERRY BARTON, SENIOR TRANSPORTATION PLANNER  
**SUBJECT:** CONGESTION MITIGATION AND AIR QUALITY (CMAQ) FUNDS:  
2016 CALL FOR PROJECTS –PROGRAMMING ONE URGENT PROJECT

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**REQUESTED ACTION**

Adopt Resolution 15/16.23, programming \$1,068,528 in CMAQ funding to the El Dorado County Community Development Agency for the US 50 Weber Creek Bridge Class I Bike and Pedestrian Path – Construction (Attachment A).

**BACKGROUND**

As the Regional Transportation Planning Agency (RTPA) charged with programming federal and state transportation funding for the west slope of El Dorado County, EDCTC is responsible for the programming of Federal CMAQ funds to projects or programs in our jurisdictions. The goal of the CMAQ program is to fund transportation projects or programs that improve air quality and relieve or reduce congestion. In accordance with Federal Guidelines, programming of CMAQ funds must consider quantitative data that demonstrate the project's emissions reduction benefits.

EDCTC and SACOG staff determined estimated future available CMAQ funding levels and EDCTC staff requested approval of the release of a competitive Call for Projects for CMAQ funding. With the Commission's approval of the application process, selection criteria, and appropriate selection committee agencies in December of 2015, the Call for Projects for \$5,774,412 in CMAQ funding was made available.

EDCTC received 13 applications for CMAQ funding by the February 5, 2016 deadline. The 13 applications requested a total of \$8,020,759 from an available \$5,774,412 in EDCTC CMAQ funds (Attachment B). Eight of the potential projects included a request to utilize Toll Credits as match for the Federal CMAQ funding.

The use of Toll Credits removes the burden of providing local matching funds from the applicant but reduces the capacity of EDCTC to increase overall funding by leveraging the CMAQ funds with other fund sources.

**DISCUSSION**

At the March EDCTC Board meeting, the Commission was presented with two options for consideration: 1) to delay CMAQ programming until June of 2016 to preserve funding options for the Western Placerville Interchanges (WPI) Phase 2 project in the event that it is removed from the State Transportation Improvement Program (STIP) as a consequence of the state transportation funding crisis or; 2) to program \$5,774,412 for 11 CMAQ projects, consistent with the staff recommendation.

During the discussion on the item in March, El Dorado County Transportation Division staff made the Commission aware of two projects that would incur delays beyond the 2016 construction season if they are not programmed with CMAQ funds immediately. On April 6, 2016, El Dorado County Transportation Division contacted EDCTC staff and informed us that the Silva Valley Parkway Class I and II Bikeway Project is not likely to be constructed this season. Transportation Division staff has carefully evaluated the delivery schedule, and due to some concerns with joint use agreements and lengthy permitting

processes with Army Corps of Engineers, the Regional Water Board and California Department of Fish and Wildlife, the project is not expected to be constructed this season. The US 50 Weber Creek Bridge Class I Bike and Pedestrian Path, listed in Table 1 below, is anticipated for delivery this construction season, and that project has a total funding need of \$1,068,528. Based on the criteria included in the Call for Projects, the project selection committee ranked the project 3<sup>rd</sup> out of the 13 that requested funds in this round.

<b>TABLE 1: Urgent 2016 CMAQ Programming Recommendation</b>			
<b>Selection Committee Ranking</b>	<b>Project Sponsor</b>	<b>Project Name/Description</b>	<b>Programming Amount</b>
<b>3</b>	El Dorado County - Community Development Agency - Transportation Division	US 50 Weber Creek Bridge Class I Bike and Pedestrian Path - Construction	<b>\$1,068,528</b>
<b>TOTAL RECOMMENDED FOR PROGRAMMING</b>			<b>\$1,068,528</b>

At the March EDCTC Board meeting, the commission directed staff to bring back an item to allow for the programming of two urgent projects, while preserving adequate funds for potential funding strategies to continue the progress on the WPI Phase 2 project, in the event the project's \$5.542 million in funding is removed from the STIP in May of 2016.

#### Programming One Urgent Project

Since only the Weber Creek Bridge Class I Bike and Pedestrian Path project has been determined feasible for delivery this construction season, EDCTC staff is recommending the programming of a single project at this time. Programming the urgent project immediately from the \$5,774,412 in CMAQ made available in the 2016 Call for Projects would leave a remaining \$4,705,884 in CMAQ to apply to potential funding strategies for the WPI project. The remaining ten projects originally recommended for programming in March 2016 would be delayed until June 2016. According to project sponsors and EDCTC Technical Advisory Committee members, the balance of the projects recommended for CMAQ funding in this round would not be negatively affected by a delay to June of 2016.

#### Preserving Adequate Funds for WPI –In the event that the project is removed from the STIP

Since programming the urgent project will not leave sufficient CMAQ funds to fulfill the potential \$5.542 million funding need for WPI in the event the project is removed from the STIP, if necessary, at a future meeting, EDCTC staff will recommend the Commission augment the 2016 Call for Projects with an additional year of estimated 2018/19 CMAQ apportionment to allow the urgent project to move forward and provide enough available CMAQ to develop options for a fund swap or other funding agreement for the WPI project.

At the June EDCTC meeting, staff will provide a recommendation to either approve a potential fund swap with SACOG or other agency to support the WPI project, or a recommendation to program the remaining ten CMAQ projects, consistent with the staff recommendation from March 2016. These issues were discussed with the El Dorado County CDA Transportation Division Director, and he was supportive of the staff recommendations herein.

Approved for Agenda:

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Sharon Scherzinger  
Executive Director

Attachments: A) EDCTC Resolution 15/16.23, 2016 Urgent CMAQ Programming  
B) 2016 EDCTC CMAQ Call for Projects – Summary of Requested Funds



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**Councilmembers Representing City of Placerville:** Patty Borelli, John Clerici, Wendy Thomas

**Supervisors Representing El Dorado County:** Shiva Frentzen, Ron Mikulaco, Mike Ranalli, Brian Veerkamp

**REVISED RESOLUTION 15/16.23**

**RESOLUTION OF THE EL DORADO COUNTY TRANSPORTATION COMMISSION  
APPROVING CONGESTION MITIGATION AND AIR QUALITY PROGRAMMING:  
2016 CALL FOR PROJECTS – ONE URGENT PROJECT**

**WHEREAS**, pursuant to California Government Code, Title 7.95, Section 67950, the El Dorado County Transportation Commission (EDCTC) was created as a local planning agency to provide regional transportation planning for the area of El Dorado County, exclusive of the Lake Tahoe Basin; and

**WHEREAS**, California Government Code Section 29532.1(g) identifies EDCTC as the designated regional transportation planning agency for El Dorado County, exclusive of the Lake Tahoe Basin; and

**WHEREAS**, it is the responsibility of EDCTC, under the provisions of the Memorandum of Understanding with the Sacramento Area Council of Governments (SACOG), to program and track projects to be funded with Congestion Mitigation and Air Quality (CMAQ) funds; and

**WHEREAS**, the goal of the CMAQ program is to fund transportation projects or programs that improve air quality and relieve or reduce congestion; and

**WHEREAS**, EDCTC received actual funding levels and estimates for El Dorado County's share of CMAQ funding through Fiscal Year 2018/19; and

**WHEREAS**, EDCTC released a Call For Projects on December 4, 2015 and received applications for CMAQ funding from the El Dorado County Community Development Agency, the City of Placerville, the Sacramento Area Council of Governments (SACOG); and

**WHEREAS**, project applications were evaluated, scored and ranked by an approved subcommittee in accordance with criteria approved by the EDCTC Board in conjunction with the release of the Call for Projects in December 2015; and

**WHEREAS**, due to California's transportation funding crisis, and its relationship to the high-priority Western Placerville Interchanges Project, the Commission is moving forward with the programming of only one urgent project at this time; and

**WHEREAS**, the selected CMAQ project provides a quantifiable reduction in emissions and/or congestion relief and has been determined eligible for the use of CMAQ funding; and

**NOW THEREFORE, BE IT RESOLVED**, that the El Dorado County Transportation Commission approves the programming of \$1,068,528 in CMAQ funds as follows:

<b>Urgent 2016 CMAQ Programming Recommendation</b>			
<b>Selection Committee Ranking</b>	<b>Project Sponsor</b>	<b>Project Name/Description</b>	<b>Programming Amount</b>
<b>3</b>	El Dorado County - Community Development Agency - Transportation Division	US 50 Weber Creek Bridge Class I Bike and Pedestrian Path - Construction	<b>\$1,068,528</b>
<b>TOTAL RECOMMENDED FOR PROGRAMMING</b>			<b>\$1,068,528</b>

**BE IT FURTHER RESOLVED**, that the project shall be submitted to SACOG for amendment into the MTIP, as applicable. In the event that project experiences cost-savings, any unutilized CMAQ funds will be de-obligated and returned to EDCTC for reprogramming in a future Call for Projects.

**PASSED AND APPROVED**, by the El Dorado County Transportation Commission governing body at the regular meeting held on April 7, 2016, by the following vote:

*Vote Pending*

Attest:

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Brian K. Veerkamp, Chairperson

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Joni G. Rice, Secretary to the Commission

2016 EDCTC CMAQ CALL FOR PROJECTS - SUMMARY OF REQUESTED FUNDS														
Project Rank	Project Sponsor	Project Name	Project Summary	Selection Committee Total Score (378 possible points)	CMAQ Funds Requested	Toll Credit Match	Total Project Cost	Project Component	Cost Effectiveness of CMAQ Funds - Per Pound	Emission Reduction Benefits: Pounds Per Year <i>Reduced</i>				Total Amount Requested (includes Toll Credits)
										ROG	NOX	PM	Total	
1	SACOG	Regional Transportation Control Measure - Sacramento Emergency Clean Air Transportation (SECAT) System Program 2018 - 2019	Replaces older, higher polluting vehicles with newer, lower emission vehicles. Purchasing new, low or zero-emitting vehicles, retrofitting existing heavy-duty vehicles with after-treatment systems to reduce Oxides of Nitrogen, implementing any other verifiable, enforceable and cost effective technology for reducing NOx emissions from heavy-duty on-road vehicles.	312	\$396,500	\$0	\$6,777,362	On-Road Projects	\$1.10	140	42,838	257	43,235	\$369,500
4	SACOG	Regional Transportation Control Measure - Spare the Air Program 2017 and 2018	Spare the Air is a regional educational program designed to urge drivers to voluntarily reduce their driving on days when air pollution is approaching unhealthy levels, while keeping the public informed about the daily air quality forecast and the health effects caused by air pollution.	289	\$66,086	\$0	\$1,355,472	TDM Program Evaluation	\$1.57	10,303	10,107	22,615	43,025	\$66,086
2	SACOG	Regional Transportation Control Measure - Transportation Demand Management Program 2018 - 2019	Deliver online promotional and rideshare tools, marketing and outreach materials and vanpool startup incentives. Items currently covered by marketing and outreach include the Bike Month campaign, the October Low Car Challenge and other alternative modes campaign promotional costs.	296	\$83,776	\$0	\$92,274	TDM Program Evaluation	\$15.49	1,047	1,185	524	2,756	\$83,776
8	City of Placerville	Placerville Drive Cycle Tracks and Sidewalk Improvements - Design and Engineering	Design bicycle facilities and sidewalks along Placerville Drive from west of the US 50 undercrossing to Green Valley road, and sidewalk on the west side of Green Valley Road from Placerville Drive to Mallard Lane. Both Class II bike lanes and Class IV bikeways will be evaluated during the preliminary engineering phase.	271	\$973,830	\$126,170	\$1,100,000	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$631.19	35	21	9	65	\$1,100,000
										26	13	4	43	
12	City of Placerville	Upper Broadway Sidewalk Improvements - Design and Engineering, Construction of Phase 1 Elements	Design sidewalks along upper Broadway between approximately Schnell School Road and Jacquier Road, and construct phase 1, including formal transit stops.	245	\$1,859,130	\$240,870	\$2,100,000	Ridesharing and Pedestrian Facilities	\$6,996.74	10	5	2	18	\$2,100,000
13	El Dorado County - Community Development Agency - Transportation Division	El Dorado Trail Los Trampas to Halcon Road - Construction	Additional Funds request. Prior CMAQ programming was \$400,552, additional funding request of \$88,500 (plus toll credit match)	245	\$88,500	\$11,500	\$1,150,404	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$2,852.80	3	2	1	6	\$100,000
										4	2	1	6	
6	El Dorado County - Community Development Agency - Transportation Division	El Dorado Trail at Missouri Flat Road Bike/Pedestrian Overcrossing - Design Engineering	Additional Funds request. Prior CMAQ programming was \$508,000 (including \$58,269 toll credits), additional funding request of \$84,103 (plus toll credit match)	273	\$84,103	\$10,897	\$2,800,000	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$534.30	25	15	7	47	\$95,000
										19	10	3	32	
7	El Dorado County - Community Development Agency - Transportation Division	El Dorado Hills Blvd Class I Bike & Pedestrian Path Governor Drive to Brittany Place - Construction	Upgrade an existing multi-use path to a Class I Bike Path and construct a new Class I bike and pedestrian path to provide connectivity between Francisco Drive and Governor Drive along the El Dorado Hills Boulevard Corridor.	273	\$1,005,584	\$130,285	\$1,135,869	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$612.09	34	20	9	62	\$1,135,869
										31	16	6	53	
10	El Dorado County - Community Development Agency - Transportation Division	New York Creek Trail East Class I and Bridge	Additional Funds request. Prior CMAQ programming was \$1,000,000 (including \$115,000 in toll credits), additional funding request of \$392,188 (plus toll credit match)	262	\$392,188	\$50,812	\$1,443,000	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$1,863.00	14	8	4	26	\$443,000
										13	7	2	22	
9	El Dorado County - Community Development Agency - Transportation Division	Silva Valley Parkway Class I and II Bikeway Project - Construction	Additional Funds request. Prior CMAQ programming was \$1,678,000 additional funding request of \$146,960 (plus toll credit match)	264	\$146,960	\$19,040	\$1,844,000	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$1,721.03	25	15	7	46	\$166,000
										17	9	3	29	
11	El Dorado County - Community Development Agency - Transportation Division	Silva Valley/Harvard Way Intersection Improvements - Construction	Increase right and left turn pockets for north and southbound traffic, add through lane for southbound traffic, add bike lane and loop detector, add ped/bike sensors to signal heads, optimize signal to increase free flow movements.	260	\$396,000	\$0	\$613,000	Signal Coordination	\$1,144.67	23	17	1	41	\$396,000
5	El Dorado County - Community Development Agency - Transportation Division	Merrychase and Country Club Drive Sidewalks, Class II and III Bicycle Facilities - Construction	Construct approximately 2100 linear feet of new sidewalks, install 2.1 miles of Class II Bike lanes and Class III bike routes, two new crosswalks, 8 new solar flashing beacons, new and/or upgraded curbs, ramps, and gutters.	285	\$794,114	\$102,886	\$896,182	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$991.74	24	15	6	44	\$897,000
										12	6	2	20	
3	El Dorado County - Community Development Agency - Transportation Division	US 50 Weber Creek Bridge Class I Bike and Pedestrian Path - Construction	Complete the final phase of a Class I multi use bike and pedestrian path along the US 50/Weber Creek Bridge.	295	\$1,068,528	\$0	\$1,206,968	Bicycle Facilities Ridesharing and Pedestrian Facilities	\$570.97	41	24	10	75	\$1,068,528
										33	17	6	56	
<b>Total CMAQ Funds Requested</b>													<b>\$8,020,759</b>	
													<b>\$5,774,412</b>	
													<b>-\$2,246,347</b>	