



AGENDA

Technical Steering Committee

Committee Members

Tom Wheeler, Chair	City of Lake Forest
Manuel Gomez, Vice Chair	City of Irvine
Marwan Youssef	City of Westminster
Mark Lewis	City of Fountain Valley
Doug Stack	City of Tustin
Don Hoppe	City of Fullerton
E. Maximous	City of Rancho Santa Margarita
Steve May	City of San Juan Capistrano
Rudy Emami	City of Anaheim

Orange County Transportation Authority
550 South Main Street, Room 07
Orange, California
February 22, 2017 1:00 PM

Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the Measure M2 Local Programs section, telephone (714) 560-5673, no less than two (2) business days prior to this meeting to enable OCTA to make reasonable arrangements to assure accessibility to this meeting.

Agenda descriptions are intended to give members of the public a general summary of items of business to be transacted or discussed. The posting of the recommended actions does not indicate what action will be taken. The Committee may take any action which it deems to be appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

All documents relative to the items referenced in this agenda are available for public inspection at www.octa.net or through the Measure M2 Local Programs office at the OCTA Headquarters, 600 South Main Street, Orange, California.

Call to Order and Self Introductions

Consent Calendar Items

All items on the Consent Calendar are to be approved in one motion unless a Technical Steering Committee member requests separate action on a specific item.

The Minutes from the previous meeting of the Technical Steering Committee (July 13, 2016) were distributed at the October 26, 2016 meeting of the Technical Advisory Committee.

Discussion Items

There are no discussion items.

Regular Items

- 1. 2017 CTFP Call for Projects Programming Recommendations – Sam Kaur, pg. 4**

Overview

The Orange County Transportation Authority issued the 2017 annual Measure M2 Regional Capacity Program and Regional Traffic Signal Synchronization Program call for projects in August 2016. This call for projects made available approximately \$40 million in grant funding



AGENDA

Technical Steering Committee

for streets and roads projects countywide. A list of projects recommended for funding is presented for review and approval.

Recommendation

- A. Recommend for Board of Directors' approval of the programming recommendations for the 2017 Regional Capacity Program to fund 13 projects, in an amount totaling \$32.24 million.
- B. Recommend for Board of Directors' approval of the programming recommendations for the 2017 Regional Traffic Signal Synchronization Program to fund 5 projects, in an amount totaling \$2.5 million.

2. Correspondence

OCTA Board Items of Interest

- **Monday, January 23, 2017**

- Item 16: Transit Projects Programming Revisions*

- Item 22: OC Bus 360 Update and Next Steps*

- **Monday, January 9, 2017**

- Item 6: Active Transportation Program Cycle 3 Project Prioritization*

- Item 8: Regional Planning Update*

- **Monday, December 12, 2016**

- Item 7: Capital Programming Policies Update*

- Item 8: Amendment to the Master Plan of Arterial Highways*

- Item 9: 2017 Technical Steering Committee Membership*

- Item 19: Project V Community-Based Circulators Program Ridership Report*

- Item 20: Comprehensive Transportation Funding Programs Semi-Annual Review – September 2016*

- Item 21: Measure M2 Quarterly Progress Report for the Period of July 2016 through September 2016*

- Item 24: California Department of Transportation Draft Managed Lanes Network Study*

Announcements by Email

- Governor Brown Declares State of Emergency in Counties Across California Following Severe Winter Storms, *sent 2/8/17*
 - 2017 Congestion Management Program (CMP) Update, *sent 2/6/17*
 - March 2017 Semi-Annual Review Instructions, *sent 2/1/17*
 - February 8th Technical Steering Committee Meeting Cancellation Notice, *sent 2/1/17*
 - Final Draft – MPAH Guidance Traffic Calming Policy, *sent 1/23/17*
 - 2016 RTP/SCS Amendment No. 2, *sent 1/19/17*
-



AGENDA

Technical Steering Committee

- January 25th Technical Advisory Committee Meeting Cancellation Notice, *sent 1/19/17*
- RSVP: Pavement Management Software and Pavement Distress Training Notice, *sent 1/11/17*
- January 11th Technical Steering Meeting Cancellation Notice, *sent 1/9/17*
- FTIP Workshop Updates, *sent 1/3/17*
- OCTA Measure M Next 10 Delivery Plan Update, *sent 12/20/16*
- Pavement Distress Training Save the Date Announcement, *sent 12/14/16*
- FTIP Workshop Notice, *sent 12/12/16*
- December 14th Technical Steering Committee Meeting Cancellation Notice, *sent 12/9/16*
- Pavement Management Software Training Save the Date Announcement, *sent 12/6/16*
- November 9th Technical Advisory Ad Hoc Committee Meeting (Complete Streets) Reminder, *sent 11/8/16*

3. Committee Comments

4. Local Assistance Update

5. Staff Comments

6. Items for Future Agendas

7. Public Comments

8. Adjournment

The next regularly scheduled meeting of this Committee will be held at 1:30 p.m. on Wednesday, March 8, 2017, at the OCTA Headquarters.



AGENDA

Technical Steering Committee

Item #1

2017 CTFP Call for Projects Programming Recommendations



February 22, 2017

To: Technical Steering Committee

From: Orange County Transportation Authority Staff

Subject: Comprehensive Transportation Funding Programs - 2017 Call for Projects Programming Recommendations

Overview

The Orange County Transportation Authority issued the 2017 annual Measure M2 Regional Capacity Program and Regional Traffic Signal Synchronization Program call for projects in August 2016. This call for projects made available approximately \$40 million in grant funding for streets and roads projects countywide. A list of projects recommended for funding is presented for review and approval.

Recommendations

- A. Recommend for Board of Director's approval of the programming recommendations for the 2017 Regional Capacity Program to fund 13 projects, in an amount totaling \$32.24 million.
- B. Recommend for Board of Director's approval of the programming recommendations for the 2017 Regional Traffic Signal Synchronization Program to fund 5 projects, in an amount totaling \$2.5 million.

Background

The Regional Capacity Program (RCP), Project O, is the Measure M2 (M2) funding program through which Orange County Transportation Authority (OCTA) supports streets and roads capital projects. The Regional Traffic Signal Synchronization Program (RTSSP), Project P, is the M2 program which provides funding for multi-jurisdictional signal synchronization projects. Both programs are included in the Comprehensive Transportation Funding Programs (CTFP). The CTFP allocates funds through a competitive call based on a common set of guidelines and scoring criteria approved by the OCTA Board of Directors (Board). The CTFP may include state and federal sources as well.

On August 8, 2016, the Board authorized staff to issue a call for projects (call) making available approximately \$32 million in RCP funding and \$8 million in RTSSP funding.

Discussion

The 2016 CTFP Guidelines approved by the Board on August 8, 2016 established a tiered funding approach to prioritize high scoring projects while providing a balanced program with funding availability for small and large projects. The first tier is for projects scoring 50 points or higher, and the second tier is for the qualified projects after Teir1. Within Tier 1, two categories were established. Category 1, with 60 percent of the M2 funds available for smaller projects requesting \$5 million or less, and Category 2, with 40 percent of the M2 funds available for larger projects requesting \$5 million or more.

Per the tiered approach, \$32 million is first split between Category 1 and Category 2 Tier 1 projects as shown in the table below.

Total Funds Available	Tier 1 Category 1 (60%)	Tier 1 Category 2 (40%)
\$32 million	\$19.2 million	\$12.8 million

On October 21, 2016, OCTA received 16 applications requesting \$46 million in RCP funding as reflected in Attachment A. The project application submitted by the City of Newport Beach for implementation phase of Old Newport Beach and Pacific Coast Highway Project is considered incomplete due to the absence of Caltrans approval on the environmental document. The City can resubmit the application during the future call for projects upon receiving all necessary approvals per the CTFP Guidelines. City of Buena Park withdrew their application for Orangethorpe Avenue street widening project. The remaining 14 applications (11 applications for Category 1 and 3 applications for Category 2) were evaluated and ranked per the scoring criteria identified in the CTFP Guidelines.

Per the tiered funding approach, staff identified a total of \$14,219,718 for Tier 1 projects: \$5,632,818 for Tier 1 Category 1 projects and \$8,586,900 for Tier 1 Category 2 projects. The remaining balance of \$17,780,282 is made available to allocate funds for Tier 2 projects.

Staff prepared final funding recommendations in Attachment B (escalated final values) per the tiered funding approach outlined above and described in the 2017 CTFP Guidelines.

OCTA also received 5 applications requesting \$2.5 million in RTSSP funding. All applications were reviewed for eligibility, consistency, and adherence to guidelines and program objectives. Staff worked with the local agencies to address technical issues related to excess right of way, construction unit costs, and project scopes. Recommendations presented in the report are consistent with the 2017 CTFP Guidelines approved by the OCTA Board.

Staff recommends programming \$34.74 million for 18 projects under RCP and RTSSP. Brief program descriptions are provided below.

Regional Capacity Program

The RCP provides funds for capital improvements to congested streets, roads, intersections and interchanges. The CTFP Guidelines require a minimum starting level of service (LOS) of 0.81 for a project to be eligible for consideration, but grant provisional eligibility to projects that have a starting LOS of 0.71, dependent on availability of funding. A total of 16 project applications requesting \$46 million were received for this program (Attachment A).

Staff's recommendation is to program approximately \$32.24 million to fund 13 projects through the Arterial Capacity Enhancement and Intersection Capacity Enhancement categories, shown in Attachment B.

Regional Traffic Signal Synchronization Program

The RTSSP is a significant funding source for multi-agency, corridor-based signal synchronization along Orange County streets and roads. Funding is typically provided for a three-year period that includes the implementation of signal synchronization, as well as a limited amount of funding for ongoing maintenance and monitoring to keep the investments in optimal condition. The 2017 Call for Projects Guidelines allowed elements such as new cabinets, controllers, software, communications equipment, operations and maintenance activities in an effort to address ongoing timely project delivery issues and to reduce delays often related to construction items. A total of 5 project applications requesting \$2.5 million were received for this program. As noted previously, the Board authorized \$8 million in funding for the 2017 call cycle.

Staff recommends programming \$2.5 million to fund the five projects. All of the recommended RTSSP projects will be implemented in fiscal year (FY) 2017-18. The details of projects recommended for funding for the RTSSP are shown in Attachment C.

The table below provides an overall summary of the funding recommendations:

2017 CTFP Call for Projects Summary (\$ in millions)

	RCP	RTSSP	Total
Number of Applications Recommended for Approval	13	5	18
Amount Recommended for Approval (escalated)	\$32.24	\$2.5	\$34.74

Next Steps

The recommended project programming, if approved by the TSC, will be forwarded to the Technical Advisory Committee (TAC) for consideration. If approved by the TAC, the project programming will go to the Regional Planning and Highways Committee and Board in April for final approval. Once approved, the new projects will be incorporated into the master funding agreement between OCTA and all local agencies. Staff will continue to monitor project status and project delivery through the semi-annual review process.

Summary

Proposed programming recommendations for projects in the Regional Capacity Program and Regional Traffic Signal Synchronization Program have been developed by staff. Funding for 18 projects totaling \$34.74 million in Measure M2 funds is proposed. Staff is seeking Technical Steering Committee approval of the programming recommendations presented.

Attachments

- A. 2017 Measure M2 Regional Capacity Program Call for Projects – Applications Received
- B. 2017 Measure M2 Regional Capacity Program Call for Projects – Programming Recommendations
- C. 2017 Measure M2 Regional Traffic Signal Synchronization Program Call for Projects – Programming Recommendation

2017 Measure M2 Regional Capacity Program Call for Projects - Applications Received

Agency	Project	Fund	Phase	Score	Total	ENG	ROW	CON
Orange County	Ortega Highway Widening Improvements (PA&ED Phase)	ACE	E	69	\$ 1,950,000	\$ 1,950,000		
Santa Ana	Warner Avenue Improvements from Oak St to Grand Ave	ACE	E	61	\$ 811,125	\$ 811,125		
Santa Ana	Warner Avenue Improvements from Main St to Orange Avenue	ACE	R	58	\$ 8,586,900		\$ 8,586,900	
Irvine	University/Ridgeline Intersection Improvement	ICE	C	57	\$ 1,690,054			\$ 1,690,054
Orange County	Cow Camp Road Segment 2A & 2B Construction	ACE	C	56	\$ 14,278,770			\$ 14,278,770
Brea	SR-57 & Lambert Road Interchange Improvements Project Phase 1	FAST	C	54	\$ 12,400,000			\$ 12,400,000
Anaheim	Lincoln Avenue from East Street to Evergreen Street	ACE	R	51	\$ 1,147,669		\$ 1,147,669	
Orange	Tustin/Meats Intersection Right Turn Lane Addition	ICE	C	47	\$ 712,500			\$ 712,500
Garden Grove	Euclid Street and Westminster Avenue Intersection Improvement	ICE	R	45	\$ 784,326		\$ 784,326	
Mission Viejo	Los Alisos Boulevard and Santa Margarita Parkway ICE Project	ICE	E, C	45	\$ 203,698	\$ 14,552		\$ 189,146
Costa Mesa	Hyland Avenue at MacArthur Boulevard Intersection Improvements	ICE	R, C	44	\$ 403,449		\$ 129,972	\$ 273,477
Santa Ana	Bristol St. and Memory Ln. Intersection Improvements	ICE	R	43	\$ 1,167,244		\$ 1,167,244	
Orange	Tustin Street and Chapman Avenue Intersection Widening	ICE	C	38	\$ 375,000			\$ 375,000
Santa Ana	Warner Avenue and Flower Street Intersection Improvements	ICE	C	34	\$ 87,187			\$ 87,187
					\$ 44,597,922			

UNFUNDED (Project withdrawn by applicant)

Buena Park	Orangethorpe Avenue Street Widening of the South Side	ACE	C		\$ 300,000			
------------	---	-----	---	--	------------	--	--	--

UNFUNDED (Application incomplete - environmental approval required)

Newport Beach	Old Newport Boulevard and Pacific Coast Highway	ACE	C		\$ 1,275,000			
---------------	---	-----	---	--	--------------	--	--	--

2017 Measure M2 Regional Capacity Program Call for Projects - Programming Recommendations

Tier 1 projects - Category 1(60%)

Agency	Project	Fund	Phase	Score	Funding	Balance
					<i>Beginning Balance</i>	\$ 19,200,000
Orange County	Ortega Highway Widening Improvements (PA&ED Phase)	ACE	E	69	\$ 1,950,000	\$17,250,000
Santa Ana	Warner Avenue Improvements from Oak St to Grand Ave	ACE	E	61	\$ 811,125	\$16,438,875
Irvine	University/Ridgeline Intersection Improvement	ICE	C	57	\$ 1,724,024	\$14,714,851
Anaheim	Lincoln Avenue from East Street to Evergreen Street	ACE	R	51	\$ 1,147,669	\$13,567,182
					Sub-Total: \$ 5,632,818	\$13,567,182

Tier 1 projects - Category 2(40%)

Agency	Project	Fund	Phase	Score	Funding	Balance
					<i>Beginning Balance</i>	\$ 12,800,000
Santa Ana	Warner Avenue Improvements from Main St to Orange Avenue	ACE	R	58	\$ 8,586,900	\$ 4,213,100
					Sub-Total: \$ 8,586,900	\$ 4,213,100

Tier 1 Total: \$ 14,219,718**Balance available for Tier 2 Projects \$17,780,282****Tier 2 Projects - No Category split**

Agency	Project	Fund	Phase	Score	Funding	Balance
					<i>Beginning Balance</i>	\$ 17,780,282
Orange County	Cow Camp Road Segment 2A & 2B Construction	ACE	C	56	\$ 14,278,770	\$3,501,512
Orange	Tustin/Meats Intersection Right Turn Lane Addition	ICE	C	47	\$ 719,625	\$2,781,887
Garden Grove	Euclid Street and Westminster Avenue Intersection Improvement	ICE	R	45	\$ 784,326	\$1,997,561
Mission Viejo	Los Alisos Boulevard and Santa Margarita Parkway ICE Project	ICE	E, C	45	\$ 205,589	\$1,791,972
Costa Mesa	Hyland Avenue at MacArthur Boulevard Intersection Improvements	ICE	R, C	44	\$ 406,184	\$1,385,788
Santa Ana	Bristol St. and Memory Ln. Intersection Improvements	ICE	R	43	\$ 1,167,244	\$218,544
Orange	Tustin Street and Chapman Avenue Intersection Widening	ICE	C	38	\$ 375,000	-\$156,456
Santa Ana	Warner Avenue and Flower Street Intersection Improvements	ICE	C	34	\$ 87,187	-\$243,643
					Tier 2 Total: \$ 18,023,925	

Tier 1 & 2 Total: \$ 32,243,643**Project unfunded - Insufficient funds to fully fund the project request**

Brea	SR-57 & Lambert Road Interchange Improvements Project Phase 1	FAST	C	50	\$ 12,400,000	
------	---	------	---	----	---------------	--

2017 Measure M2 Regional Traffic Signal Synchronization Program Call for Projects - Programming Recommendations

Agency	Project	Fund	Signals	Primary Implementation	Maintenance & Operations	Total Funding	Score
Irvine	Irvine Boulevard Signal Synchronization Project	TSSP	29	\$ 297,526	\$ 80,640	\$ 378,166	61
Fullerton	Gilbert Street / Idaho Street Corridor RTSSP	TSSP	19	\$ 862,560	\$ 54,720	\$ 917,280	51
San Clemente	Camino Vera Cruz	TSSP	5	\$ 182,606	\$ 10,080	\$ 192,686	37
Costa Mesa	Bear Street Signal Synchronization	TSSP	14	\$ 467,872	\$ 26,880	\$ 494,752	35
Mission Viejo	Olympiad Road - Felipe Road Corridor	TSSP	20	\$ 486,280	\$ 29,376	\$ 515,656	31
			Total	\$ 2,296,844	\$ 201,696	\$ 2,498,540	

All submitted projects meet minimum eligibility requirements