

AGENDA

- 1. Welcome**
- 2. Pledge of Allegiance**
- 3. Approval of Minutes/Attendance Report for April 10, 2018**
- 4. Subcommittee Selection**
- 5. Action Items**
 - A. M2 Quarterly Revenue & Expenditure Report (Mar 18)
Receive and File - Sean Murdock, Director, Finance and Administration
- 6. Presentation Items**
 - A. Comprehensive Transportation Funding Programs (CTFP) Semi-Annual Review
Joseph Alcock, Section Manager, M2 Local Programs
 - B. Comprehensive Transportation Funding Programs (CTFP) - 2018 Project O and Project P - Call for Projects Programming Recommendations
Joseph Alcock, Section Manager, M2 Local Programs
 - C. Measure M2 Quarterly Progress Report - Third Quarter
Tamara Warren, Measure M Program Manager
- 7. OCTA Staff Updates**
 - A. Senate Bill 1 – Kia Mortazavi, Executive Director, Planning
- 8. Annual Eligibility Review Subcommittee Report**
- 9. Audit Subcommittee Report**
- 10. Environmental Oversight Committee Report**
- 11. Committee Member Reports**
- 12. Public Comments***
- 13. Adjournment**

The next meeting will be held on August 14, 2018

*Public Comments: At this time, members of the public may address the Taxpayer Oversight Committee (TOC) regarding any items within the subject matter jurisdiction of the TOC, provided that no action may be taken on off-agenda items unless authorized by law. Comments shall be limited to three (3) minutes per person, unless different time limits are set by the Chairman, subject to the approval of the TOC.

Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the OCTA Clerk of the Board, telephone (714) 560-5676, no less than two business days prior to this meeting to enable OCTA to make reasonable arrangements to assure accessibility to this meeting.

INFORMATION ITEMS

<u>Staff Report Title</u>	<u>Board Meeting Date</u>
1. Taxpayer Oversight Committee Measure M2 Annual Public Hearing Results and Compliance Findings	April 23, 2018
2. Capital Programs Division - Third Quarter Fiscal Year 2017-18 Capital Action Plan Performance Metrics	May 14, 2018

*Public Comments: At this time, members of the public may address the Taxpayers Oversight Committee (TOC) regarding any items within the subject matter jurisdiction of the TOC, provided that no action may be taken on off-agenda items unless authorized by law. Comments shall be limited to five (5) minutes per person and 20 minutes for all comments, unless different time limits are set by the Chairman, subject to the approval of the TOC.

Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the OCTA Clerk of the Board, telephone (714) 560-5676, no less than two business days prior to this meeting to enable OCTA to make reasonable arrangements to assure accessibility to this meeting.

Measure M Taxpayer Oversight Committee
Orange County Transportation Authority
550 S. Main Street, Orange CA, Room 07
April 10, 2018 @ 5:00 p.m.

MEETING MINUTES

Committee Members Present:

Eric Woolery, Orange County Auditor-Controller, Chair
Richie Kerwin Lim, First District Representative
Anthony Villa, First District Representative, Co-Chair
Larry Tekler, Second District Representative
Alan P. Dubin, Second District Representative
Eugene Fields, Third District Representative
Andrew Lesko, Third District Representative
Richard Rojas, Fourth District Representative
Matt McGuinness, Fifth District Representative

Orange County Transportation Authority Staff Present:

Julianne Brazeau, Public Reporter Specialist
Jim Beil, Executive Director, Capital Programs
Kurt Brotcke, Director, Strategic Planning
Christine Byrne, Department Manager, Public Outreach
Marissa Espino, Community Relations Officer
Emily Mason, Community Relations Specialist
Kia Mortazavi, Executive Director, Planning
Andrew Oftelie, Executive Director, Finance
Tresa Oliveri, Community Relations Officer
Alice Rogan, Director, Marketing & Public Outreach
Tamara Warren, Program Manager, M Program Management Office

1. Welcome

Chair Eric Woolery welcomed everyone to the Orange County Transportation Authority (OCTA) Taxpayer Oversight Committee (TOC) meeting and Measure M2 Annual Public Hearing at 6:04 p.m.

2. Pledge of Allegiance

Co-Chairman Anthony Villa led the Pledge of Allegiance to the Flag.

3. Annual Public Hearing

Chair Eric Woolery opened the Annual hearing. Seeing no members of the public, the Annual Hearing was adjourned at 6:10p.

4. Approval of the Minutes/Attendance Report for February 13, 2018

A motion was made by Richie Lim, seconded by Eugene Fields, and carried unanimously to approve the February 13, 2018 TOC Minutes and the Attendance Report with amendments.

5. Action Items

A. Measure M2 Annual Eligibility Review Subcommittee Recommendations for Fiscal Year 2016-17 Expenditure Reports

Matt McGuinness, Annual Eligibility Review (AER) Subcommittee Chair, reported the Measure M2 Ordinance requires all local jurisdictions to satisfy eligibility requirements annually to receive Measure M2 funds. As a part of the FY 2017/18 Eligibility review, the TOC AER subcommittee reviewed the FY 2016/17 expenditure reports for 35 local jurisdictions.

The AER Subcommittee recommendations for full committee consideration include:

- Approval of the 35 local jurisdictions and the County of Orange's annual expenditure reports and find them eligible to receive Measure M2 revenues for FY 2016/17.
- Recommend to the Taxpayer Oversight Committee Audit Subcommittee that City of Costa Mesa's Fair Share Program and San Clemente's Fair Share Program and Senior Mobility Program be considered for audit next year.
- Direct OCTA staff to communicate concerns to the City of Rancho Santa Margarita regarding the Maintenance of Effort benchmark reported as actual expenditures.

A motion was made by Richie Lim and seconded by Alan Dubin. The motion was carried unanimously to approve the Local Jurisdictions 2016/17 Expenditure Reports – Eligibility Findings by the AER Subcommittee.

B. 2018 Measure M Annual Hearing Follow-Up and Compliance Findings

Chair Eric Woolery said the compliance finding is based on results of the annual LTA audit, the public hearing and all information the committee has received to date. The Audit Subcommittee has indicated that based on the Audit results presented, that OCTA has acted in compliance for the past year. Chair Eric Woolery asked for a motion to find that the OCLTA has been proceeding in accordance with the Renewed Measure M (M2) Transportation Ordinance and Investment Plan for 2017.

A motion was made by Larry Tekkler and seconded by Matt McGuinness. The motion was carried unanimously to approve the April 10, 2018 Measure M Annual Hearing and Compliance Findings report as presented.

6. Presentation Items

A. OC Streetcar Status Report

Jim Beil presented the OC Streetcar Status Report. He gave a brief overview of the project. Jim reported OCTA Board of directors awarded a contract to Siemens to provide eight S70 model rail cars. He said currently construction contracts are out to bid.

The TOC discussed places the rail cars are currently being used, where the rail cars are being built, the length of time to build the rail cars and the design/paint/branding of the vehicles. The vehicles OCTA has purchased are built in Sacramento, California, and are currently being used in San Diego and Salt Lake City. Jim said the look of the vehicles will be determined during the outreach phase, but the cars will be painted using OCTA's color pallet.

The TOC discussed the enhancements to the bus service to accommodate to OC Streetcar. The committee also discussed the role of the Cities of Santa Ana and Garden Grove in the OC Streetcar Project. The cities are partners in the project. The City of Santa Ana is providing right-of-way (ROW) and 10 percent net farebox return to the project. The City of Garden Grove is providing a fixed amount of dollars. Neither city will get a return on the farebox revenue.

The TOC discussed the "Buy America" requirements: how that requirement works and the pricing differential. OCTA did a pre-award audit to comply with the "Buy America" requirements to make sure Siemens complies with the requirement.

The TOC discussed the California Public Utilities Commission (CPUC) involvement in the project. The OC Streetcar's max speed is 44 miles per hour due to CPUC requirements.

The TOC discussed ridership, operations and maintenance of the streetcar system. The operating costs were modeled by the Federal Transit Highway Administration. The farebox will cover 40 percent of the cost to operate and maintain the system. Some of operating and maintenance costs will be offset by the Cities of Santa Ana and Garden Grove's contributions and monies from M2 Project S. Currently there is no gas tax component to the funding, but there is some Cap and Trade money involved. New contracted operators will be trained and certified to drive the vehicles.

B. Measure M2 Quarterly Progress Report (October 2017- December 2017)

Tamara Warren presented the Measure M2 Quarterly Progress Report. She said some of the highlights during the quarter were: completion of three HOV segments on the I-5 South project, OC Bridges completion, OC Streetcar design/right-of-way acquisition, second quarter on target with 12 of 27 freeway segments completed, Freeway Service Patrol, streamlining of the environmental

permitting process, water quality clean-up, competitive funding awarded for streets/roads/signal synchronization projects, Metrolink ridership increased by 16 percent, and mobile ticketing application on transit.

The TOC discussed how tax reform and changes to the collection of taxes could affect the collection of Measure M2 tax revenue.

C. Autonomous Vehicles

Kurt Brotcke provided the committee with information on autonomous vehicles and OCTA's role in the emerging technology and infrastructure involved with the technology. Currently the National Highway Traffic Safety Administration (NHTSA) is the governing body over the emerging transportation technology. OCTA is monitoring the work NHTSA is doing.

The TOC discussed why the government is not taking the lead in creating autonomous vehicle technology. Kurt Brotcke said the government is primarily a regulatory body.

The TOC discussed how technology in new buses or adapting old buses with new technology could provide helpful safety to transit.

The TOC discussed the use of ride-sharing companies. The companies are providing help to OCTA through Project V Community Based Circulators and are adapting to public needs – even those needing ADA accessibility.

7. OCTA Staff Updates

Alice Rogan introduced and thanked new member Richard Rojas, who will fill the vacant Fourth District spot on the committee through June 2018. Alice also spoke about the current recruitment process.

7. Audit Subcommittee Report

Eric Woolery reported the Audit Subcommittee found OCTA in compliance with the Measure M Ordinance for FY 2017, based on the audit and information provided.

8. Environmental Oversight Committee (EOC) Report

Anthony Villa said there has not been an EOC meeting since the last TOC meeting. He announced the preserve renaming contest winners and upcoming hike on April 21 at the newly named Pacific Horizon Preserve in Laguna Beach.

9. Committee Member Reports

There were no committee member reports

10. Public Comments

There were no public comments.

11. Adjournment

The Measure M2 Taxpayer Oversight Committee meeting adjourned at 7:10 p.m.
The next meeting will be held on June 12, 2018.

Taxpayer Oversight Committee

Fiscal Year 2017-2018

Attendance Record

X = Present E = Excused Absence * = Absence Pending Approval U = Unexcused Absence -- = Resigned

Meeting Date	11-Jul	8-Aug	12-Sep	10-Oct	14-Nov	12-Dec	9-Jan	13-Feb	13-Mar	10-Apr	8-May	12-Jun
Stanley F. Counts		X		X		M E T I N G C A N C E L L E D		X		*		
Alan Dubin		X		X				X		X		
Eugene Fields		X		X				X		X		
Andrew Lesko		X		X				X		X		
Richie Kerwin Lim		X		X				X		X		
Matt McGuinness		X		E				X		X		
Richard Rojas		N/A		N/A				E		X		
Guita Sharifi		X		X				X		*		
Sony Soegiarto		U		N/A				--		--		--
Larry Tekler		X		X				X		X		
Anthony Villa		X		X				X		X		

Absences Pending Approval

<u>Meeting Date</u>	<u>Name</u>	<u>Reason</u>
4/10/18	Stanley F. Counts	Ill
4/10/18	Guita Sharifi	Travel

Action Items

Measure M2
Schedule of Revenues, Expenditures and Changes in Fund Balance
as of March 31, 2018
(Unaudited)

<i>(\$ in thousands)</i>	Quarter Ended Mar 31, 2018	Year to Date Mar 31, 2018 <i>(A)</i>	Period from Inception to Mar 31, 2018 <i>(B)</i>
Revenues:			
Sales taxes	\$ 76,338	\$ 238,091	\$ 1,997,180
Other agencies' share of Measure M2 costs:			
Project related	9,967	55,591	601,943
Non-project related	-	-	454
Interest:			
Operating:			
Project related	118	460	588
Non-project related	1,892	6,558	25,621
Bond proceeds	3,249	4,073	48,967
Debt service	55	104	227
Commercial paper	-	-	393
Right-of-way leases	2	2	909
Proceeds on sale of assets held for resale	3,009	5,084	11,888
Donated assets held for resale	-	-	2,071
Miscellaneous:			
Project related	-	-	270
Non-project related	-	-	100
Total revenues	<u>94,630</u>	<u>309,963</u>	<u>2,690,611</u>
Expenditures:			
Supplies and services:			
State Board of Equalization (SBOE) fees	901	2,702	22,193
Professional services:			
Project related	8,598	17,890	329,248
Non-project related	1,214	3,245	20,443
Administration costs:			
Project related	2,228	6,686	60,143
Non-project related:			
Salaries and Benefits	640	1,920	21,920
Other	1,235	3,705	35,283
Other:			
Project related	48	53	4,902
Non-project related	8	51	3,943
Payments to local agencies:			
Project related	32,310	76,139	807,413
Capital outlay:			
Project related	28,754	145,173	776,140
Non-project related	-	-	31
Debt service:			
Principal payments on long-term debt	7,775	7,775	42,335
Interest on long-term debt and commercial paper	10,519	21,048	157,927
Total expenditures	<u>94,230</u>	<u>286,387</u>	<u>2,281,921</u>
Excess (deficiency) of revenues over (under) expenditures	<u>400</u>	<u>23,576</u>	<u>408,690</u>
Other financing sources (uses):			
Transfers out:			
Project related	(2,052)	(5,706)	(35,623)
Transfers in:			
Project related	14	1,987	81,495
Non-project related	-	(1,973)	-
Bond proceeds	-	-	358,593
Total other financing sources (uses)	<u>(2,038)</u>	<u>(5,692)</u>	<u>404,465</u>
Excess (deficiency) of revenues over (under) expenditures and other sources (uses)	<u>\$ (1,638)</u>	<u>\$ 17,884</u>	<u>\$ 813,155</u>

Measure M2
Schedule of Calculations of Net Revenues and Net Bond Revenues (Debt Service)
as of March 31, 2018
(Unaudited)

<i>(\$ in thousands)</i>	Quarter Ended Mar 31, 2018 (actual)	Year to Date Mar 31, 2018 (actual)	Period from Inception through Mar 31, 2018 (actual)	Period from April 1, 2018 through March 31, 2041 (forecast)	Total
	(C.1)	(C.1)	(D.1)	(E.1)	(F.1)
Revenues:					
Sales taxes	\$ 76,338	\$ 238,091	\$ 1,997,180	\$ 11,488,153	\$ 13,485,333
Operating interest	1,892	6,558	25,621	171,553	197,174
Subtotal	<u>78,230</u>	<u>244,649</u>	<u>2,022,801</u>	<u>11,659,706</u>	<u>13,682,507</u>
Other agencies share of M2 costs	-	-	454	-	454
Miscellaneous	-	-	100	-	100
Total revenues	<u>78,230</u>	<u>244,649</u>	<u>2,023,355</u>	<u>11,659,706</u>	<u>13,683,061</u>
Administrative expenditures:					
SBOE fees	901	2,702	22,193	122,923	145,116
Professional services	1,214	3,245	16,667	85,572	102,239
Administration costs:					
Salaries and Benefits	640	1,920	21,920	114,863	136,783
Other	1,235	3,705	35,283	189,130	224,413
Other	8	51	3,943	21,672	25,615
Capital outlay	-	-	31	-	31
Environmental cleanup	2,006	5,028	33,367	229,726	263,093
Total expenditures	<u>6,004</u>	<u>16,651</u>	<u>133,404</u>	<u>763,886</u>	<u>897,290</u>
Net revenues	<u>\$ 72,226</u>	<u>\$ 227,998</u>	<u>\$ 1,889,951</u>	<u>\$ 10,895,820</u>	<u>\$ 12,785,771</u>
<hr/>					
(C.2) (D.2) (E.2) (F.2)					
Bond revenues:					
Proceeds from issuance of bonds	\$ -	\$ -	\$ 358,593	\$ 1,885,000	\$ 2,243,593
Interest revenue from bond proceeds	3,249	4,073	48,967	96,772	145,739
Interest revenue from debt service funds	55	104	227	4,732	4,959
Interest revenue from commercial paper	-	-	393	-	393
Total bond revenues	<u>3,304</u>	<u>4,177</u>	<u>408,180</u>	<u>1,986,504</u>	<u>2,394,684</u>
Financing expenditures and uses:					
Professional services	-	-	3,776	13,195	16,971
Bond debt principal	7,775	7,775	42,335	2,195,235	2,237,570
Bond debt and other interest expense	10,519	21,048	157,927	989,846	1,147,773
Total financing expenditures and uses	<u>18,294</u>	<u>28,823</u>	<u>204,038</u>	<u>3,198,276</u>	<u>3,402,314</u>
Net bond revenues (debt service)	<u>\$ (14,990)</u>	<u>\$ (24,646)</u>	<u>\$ 204,142</u>	<u>\$ (1,211,772)</u>	<u>\$ (1,007,630)</u>

Measure M2
Schedule of Revenues and Expenditures Summary
as of March 31, 2018
(Unaudited)

Project	Description	Net Revenues through Mar 31, 2018	Total Net Revenues	Expenditures through Mar 31, 2018	Reimbursements through Mar 31, 2018	Net M2 Cost
(G)	(H)	(I)	(J)	(K)	(L)	
(\$ in thousands)						
Freeways (43% of Net Revenues)						
A	I-5 Santa Ana Freeway Interchange Improvements	\$ 74,493	\$ 503,953	\$ 6,310	\$ 2,141	\$ 4,169
B	I-5 Santa Ana/SR-55 to El Toro	47,580	321,886	7,964	4,974	2,990
C	I-5 San Diego/South of El Toro	99,376	672,294	112,359	43,549	68,810
D	I-5 Santa Ana/San Diego Interchange Upgrades	40,892	276,638	1,868	527	1,341
E	SR-22 Garden Grove Freeway Access Improvements	19,019	128,669	4	-	4
F	SR-55 Costa Mesa Freeway Improvements	58,009	392,440	10,590	477	10,113
G	SR-57 Orange Freeway Improvements	41,003	277,388	47,280	11,586	35,694
H	SR-91 Improvements from I-5 to SR-57	22,189	150,114	34,688	824	33,864
I	SR-91 Improvements from SR-57 to SR-55	66,013	446,588	20,152	3,838	16,314
J	SR-91 Improvements from SR-55 to County Line	55,822	377,643	6,934	5,294	1,640
K	I-405 Improvements between I-605 to SR-55	170,033	1,150,299	258,321	23,210	235,111
L	I-405 Improvements between SR-55 to I-5	50,671	342,795	8,405	5,464	2,941
M	I-605 Freeway Access Improvements	3,170	21,445	1,732	16	1,716
N	All Freeway Service Patrol Freeway Mitigation	23,774 40,634	160,836 274,894	2,215 50,470	- 2,473	2,215 47,997
	Subtotal Projects	812,678	5,497,882	569,292	104,373	464,919
	Net (Bond Revenue)/Debt Service	-	-	41,040	-	41,040
	Total Freeways	\$ 812,678	\$ 5,497,882	\$ 610,332	\$ 104,373	\$ 505,959
	%					36.3%
Street and Roads Projects (32% of Net Revenues)						
O	Regional Capacity Program	\$ 188,998	\$ 1,278,593	\$ 694,722	\$ 428,848	\$ 265,874
P	Regional Traffic Signal Synchronization Program	75,596	511,415	46,134	4,909	41,225
Q	Local Fair Share Program	340,191	2,301,439	326,398	77	326,321
	Subtotal Projects	604,785	4,091,447	1,067,254	433,834	633,420
	Net (Bond Revenue)/Debt Service	-	-	45,583	-	45,583
	Total Street and Roads Projects	\$ 604,785	\$ 4,091,447	\$ 1,112,837	\$ 433,834	\$ 679,003
	%					48.7%

Measure M2
Schedule of Revenues and Expenditures Summary
as of March 31, 2018
(Unaudited)

Project	Description	Net Revenues through Mar 31, 2018	Total Net Revenues	Expenditures through Mar 31, 2018	Reimbursements through Mar 31, 2018	Net M2 Cost
(G)		(H)	(I)	(J)	(K)	(L)
	<i>(\$ in thousands)</i>					
	Transit Projects (25% of Net Revenues)					
R	High Frequency Metrolink Service	\$ 175,906	\$ 1,275,191	\$ 166,410	\$ 97,019	\$ 69,391
S	Transit Extensions to Metrolink	166,839	1,128,687	16,224	2,133	14,091
T	Metrolink Gateways	28,015	65,351	98,213	60,956	37,257
U	Expand Mobility Choices for Seniors and Persons with Disabilities	59,768	443,348	57,154	88	57,066
V	Community Based Transit/Circulators	37,789	255,648	5,280	443	4,837
W	Safe Transit Stops	4,171	28,217	275	26	249
	Subtotal Projects	472,488	3,196,442	343,556	160,665	182,891
	Net (Bond Revenue)/Debt Service	-	-	25,493	-	25,493
	Total Transit Projects	\$ 472,488	\$ 3,196,442	\$ 369,049	\$ 160,665	\$ 208,384
	%					15.0%
	Measure M2 Program	\$ 1,889,951	\$ 12,785,771	\$ 2,092,218	\$ 698,872	\$ 1,393,346

Project	Description	Revenues through Mar 31, 2018	Total Revenues	Expenditures through Mar 31, 2018	Reimbursements through Mar 31, 2018	Net M2 Cost
(G)		(H.1)	(I.1)	(J)	(K)	(L)
	<i>(\$ in thousands)</i>					
	Environmental Cleanup (2% of Revenues)					
X	Clean Up Highway and Street Runoff that Pollutes Beaches	\$ 40,456	\$ 273,650	\$ 33,367	\$ 292	\$ 33,075
	Net (Bond Revenue)/Debt Service	-	-	-	-	-
	Total Environmental Cleanup	\$ 40,456	\$ 273,650	\$ 33,367	\$ 292	\$ 33,075
	%					1.6%

Taxpayer Safeguards and Audits						
	Collect Sales Taxes (1.5% of Sales Taxes)	\$ 29,958	\$ 202,280	\$ 22,193	\$ -	\$ 22,193
	%					1.1%
	Oversight and Annual Audits (1% of Revenues)	\$ 20,228	\$ 136,825	\$ 21,920	\$ 1,692	\$ 20,228
	%					1.0%

Presentation Items



COMMITTEE TRANSMITTAL

June 11, 2018

To: Members of the Board of Directors

From:  Laurena Weinert, Clerk of the Board

Subject: Comprehensive Transportation Funding Programs Semi-Annual Review - March 2018

Regional Planning and Highways Committee Meeting of June 4, 2018

Present: Directors Bartlett, Delgleize, M. Murphy, Nelson, Pulido, and Steel

Absent: Director Spitzer

Committee Vote

This item was passed by the Members present.


Committee Recommendation

Approve project adjustments to Comprehensive Transportation Funding Program projects, Local Fair Share, and Senior Mobility funds.



June 4, 2018

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer 

Subject: Comprehensive Transportation Funding Programs Semi-Annual Review – March 2018

Overview

The Orange County Transportation Authority recently completed the March 2018 semi-annual review of projects funded through the Comprehensive Transportation Funding Program. This process reviews the status of Measure M2 grant-funded projects and provides an opportunity for local agencies to update project information and request project modifications, as appropriate. Recommended project adjustments emerging from the March 2018 semi-annual review process are presented for Board of Directors' review and approval.

Recommendation

Approve project adjustments to Comprehensive Transportation Funding Program projects, Local Fair Share, and Senior Mobility funds.

Background

The Comprehensive Transportation Funding Program (CTFP) is the mechanism which the Orange County Transportation Authority (OCTA) uses to administer funding for street, road, signal, transit, and water quality projects. The CTFP contains a variety of funding programs and sources including Measure M2 revenues and State-Local Partnership Program funds. The CTFP provides local agencies with a comprehensive set of guidelines for administration and delivery of various transportation funding grants.

As needed, OCTA meets with representatives from local agencies to review the status of projects and proposed project changes. This process is known as the semi-annual review (SAR) process. The goals of the SAR process are to review project status, determine the continued viability of projects, address local agency

concerns, confirm availability of local match funds, and to ensure timely closeout of all projects funded through the CTFP.

Discussion

The March 2018 SAR proposed adjustments include three advances, four cancellations, six delays, ten timely use of funds extension requests for CTFP projects, five timely use of funds extension requests for the Local Fair Share Program, one timely use of funds extension request for the Senior Mobility Program, ten scope changes, and three project transfers. Adjustments are itemized in Attachment A and described in Attachment B.

Local agencies identified several general reasons for SAR proposed project adjustments, which include:

- Advancements (procurement related),
- Delays and extensions (procurement, design, or staffing issues),
- Scope changes or cancellations (overlap with other projects, low ridership, location modification/site constraint, right-of-way issues, design, or cost constraints), and
- Fund transfers (project savings).

The March 2018 SAR proposed project changes are appropriate from a CTFP administration perspective. These changes have also been reviewed and approved by the Technical Advisory Committee. Therefore, staff is recommending Board of Directors approval of the adjustments identified in Attachment A. If the recommendation is approved, staff will monitor the implementation of the proposed projects changes through future SARs, which are conducted two times a year.

Summary

OCTA staff has reviewed the status of all active projects funded through CTFP and recommends approval of project adjustments requested by local agencies.

Attachments

- A. Comprehensive Transportation Funding Programs, March 2018
Semi-Annual Review Adjustment Requests
- B. Comprehensive Transportation Funding Programs, March 2018
Semi-Annual Review Adjustment Request Descriptions

Prepared by:



Christina Moore
Transportation Funding Analyst
(714) 560-5452

Approved by:



Kia Mortazavi
Executive Director, Planning
(714) 560-5741

Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Requests

Advances Request(s)

Agency	Project Number	Project	Project Title	Phase	Current FY	Current Allocation	Proposed FY	Proposed Allocation*
OCTA	16-OCTA-TSP-3794	P	Brookhurst Street Traffic Signal Synchronization (Commonwealth Avenue to Pacific Coast Highway) ¹	PI	18-19	\$ 2,784,524	17-18	\$ 2,784,524
OCTA	16-OCTA-TSP-3795	P	Magnolia Avenue Traffic Signal Synchronization (Commonwealth Avenue to Banning Avenue) ¹	PI	18-19	\$ 2,615,694	17-18	\$ 2,615,694
OCTA	16-OCTA-TSP-3796	P	El Toro Road Traffic Signal Synchronization ¹	PI	18-19	\$ 1,074,047	17-18	\$ 1,074,047
Advances (3) - Total Phase Allocations						\$ 6,474,265		\$ 6,474,265

Reason for Project Adjustment

1 = Procurement related

*Proposed allocation for OCTA-led traffic signal projects remain the same as funds were programmed in FY 17-18 dollars and were not adjusted for inflation.

Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Requests

Cancellation Request(s)							
Agency	Project Number	Project	Project Title	Phase	Current FY	Current Allocation	Proposed Allocation
Anaheim	16-ANAH-CBT-3820	V	ARTIC-Center City Local Community Circulator ¹	CAP	2016-17	\$ 193,600	*TBD
Anaheim	16-ANAH-CBT-3820	V	ARTIC-Center City Local Community Circulator ¹	OPS	Multiple	\$ 951,756	*TBD
Orange	15-ORNG-ICE-3781	O	Tustin Street and Katella Avenue Critical Intersection Widening ²	ROW	2016-17	\$ 750,000	\$ -
Orange	15-ORNG-ICE-3781	O	Tustin Street and Katella Avenue Critical Intersection Widening ²	CON	2017-18	\$ 363,882	\$ -
Cancellations (4) - Total Phase Allocations						\$ 2,259,238	*TBD

Reasons for Project Adjustments

1 = Low ridership

2 = ROW issues

Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Requests

Delay Requests								
Agency	Project Number	Project	Project Title	Phase	Current FY	Current Allocation	Proposed Delay	Proposed FY
Mission Viejo	16-MVJO-TSP-3793	P	Marguerite Parkway Corridor Signal Synchronization ²	O&M	2017-18	\$ 48,960	24 months	2019-20
OCTA	16-OCTA-CBT-3833	V	Irvine iShuttle Route West - Tustin Station - Irvine Business Complex ¹	OPS	2017-18 - 2022-23	\$ 2,168,913	12 months	2018-19 - 2023-24
OCTA	16-OCTA-CBT-3834	V	Irvine iShuttle Route East - Irvine Station - East ¹	OPS	2017-18 - 2022-23	\$ 2,162,639	12 months	2018-19 - 2023-24
OCTA	15-OCTA-TSP-3778	P	Coast Highway Traffic Signal Synchronization ⁴	O&M	2017-18	\$ 85,440	12 months	2018-19
Orange	17-ORNG-ICE-3866	O	Tustin Street and Chapman Avenue Intersection Widening ³	CON	2017-18	\$ 375,000	24 months	2019-20
San Clemente	17-SCLM-TSP-3877	P	Camino Vera Cruz Traffic Signal Synchronization ⁵	PI	2017-18	\$ 182,606	12 months	2018-19
Delays - Total Phase Allocations (6)						\$ 5,023,558		

Reasons for Project Adjustments

- 1 = Procurement related
- 2 = Design issue
- 3 = ROW issue
- 4 = Stakeholder/partner agency coordination issue
- 5 = Staffing issue

Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Requests

Timely-Use of Funds Extension Requests - CTFP

Agency	Project Number	Project	Project Title	Phase	Current FY	Current Allocation	Proposed Time Extension	Proposed Expenditure Deadline
Anaheim	14-ANAH-ICE-3712	O	State College Boulevard and La Palma Avenue Intersection ¹	ROW	2014-15	\$ 345,666	24 months	4/22/2020
Anaheim	14-ANAH-ICE-3713	O	Ball Road and Anaheim Boulevard Intersection ¹	ROW	2014-15	\$ 1,168,127	24 months	4/22/2020
Costa Mesa	14-CMSA-TSP-3706	P	Sunflower Avenue Signal Synchronization ³	PI	2014-15	\$ 593,000	24 months	5/5/2020
Costa Mesa	14-CMSA-TSP-3706	P	Sunflower Avenue Signal Synchronization ³	O&M	2015-16	\$ 24,960	24 months	5/5/2020
Irvine	14-IRVN-ICE-3716	O	Jamboree Road/Barranca Parkway Intersection ¹	ROW	2015-16	\$ 68,904	24 months	7/24/2020
La Habra	15-LHAB-ICE-3772	O	Whittier Boulevard and Hacienda Road Intersection Improvements ¹	ROW	2015-16	\$ 624,067	24 months	4/4/2021
OCTA	14-OCTA-TSP-3704	P	Bristol Street Traffic Signal Synchronization ²	PI	2015-16	\$ 1,805,900	24 months	6/30/2020
OCTA	14-OCTA-TSP-3704	P	Bristol Street Traffic Signal Synchronization ²	O&M	2016-17	\$ 78,720	24 months	6/30/2020
Santa Ana	14-SNTA-ACE-3724	O	Bristol Street Widening - Civic Center Drive to Washington Avenue ¹	ROW	2015-16	\$ 6,656,000	24 months	8/4/2020
Santa Ana	14-SNTA-ACE-3725	O	Bristol Street Widening - Warner Avenue to Saint Andrew Place ¹	ROW	2014-15	\$ 9,468,000	24 months	8/4/2020
CTFP Timely-Use of Funds Extensions (10) - Total Phase Allocations						\$ 20,833,344		

Reasons for Project Adjustments

1 = ROW issue

2 = Stakeholder/partner agency coordination issue

3 = Staffing issue

Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Requests

Timely-Use of Funds Extension Request(s) - LFS						
Agency	FY	Disbursement Date	Disbursement	Proposed Extension Amount	Proposed Interest Extension Amount	Extension Deadline
San Clemente	2015-16	5/17/2016	\$ 125,517	\$ 115,225		5/17/2020
		6/30/2016	\$ 162,894	\$ 162,894		6/30/2020
	2016-17	9/13/2016	\$ 143,907	\$ 143,907		9/13/2020
		11/15/2016	\$ 147,596	\$ 147,596		11/15/2020
		1/10/2017	\$ 178,200	\$ 178,200		1/10/2021
		3/14/2017	\$ 155,769	\$ 155,769		3/14/2021
		5/23/2017	\$ 137,092	\$ 137,092		5/23/2021
		6/30/2017	\$ 165,241	\$ 165,241	\$ 10,697	6/30/2021
	2017-18	9/12/2017	\$ 148,173	\$ 148,173		9/12/2021
		11/7/2017	\$ 158,987	\$ 158,987		11/7/2021
1/9/2018		\$ 180,713	\$ 180,713		1/9/2022	
Yorba Linda	2014-15	5/13/2015	\$ 141,502	\$ 141,502		5/13/2020
		6/30/2015	\$ 162,600	\$ 162,600		6/30/2020
	2015-16	9/8/2015	\$ 144,169	\$ 144,169		9/8/2020
LFS Timely Use of Funds Extensions (5) - Total Phase Allocations					\$ 2,152,765	

Comprehensive Transportation Funding Programs
 March 2018 Semi-Annual Review Adjustment Requests

Timely-Use of Funds Extension Request(s) - SMP						
Agency	FY	Disbursement Date	Disbursement	Proposed Extension Amount	Proposed Interest Extension Amount	Extension Deadline
Villa Park	2016-17	6/30/2017	\$ 1,945	\$ 1,224	\$ -	6/30/2022
SMP Timely Use of Funds Extensions (1) - Total Phase Allocations					\$ 1,224	

Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Requests

Scope Change Requests							
Agency	Project Number	Project	Project Title	Phase	Current FY	Current Allocation	Proposed Allocation
Costa Mesa	12-CMSA-TSP-3606	P	Baker Placentia Signal Synchronization (Mesa Verde East to Airway Avenue) ^{1 & 4}	PI	2012-13	\$ 519,000	\$ 519,000
Cypress	17-CYPR-ECP-3882	X	Catch Basin Inserts Project - CPS-Mod ³	CON	2017-18	\$ 107,912	\$ 107,912
Huntington Beach	16-HBCH-CBT-3826	V	Seasonal Local Transit Service ²	OPS	Multiple	\$ 772,031	\$ 772,031
Irvine	16-IRVN-TSP-3792	P	Von Karman Avenue/Tustin Ranch Road Signal Synchronization ⁴	PI	2016-17	\$ 1,353,580	\$ 1,353,580
La Habra	15-LHAB-ECP-3764	X	Installation of Catch Basin Screens Phase 2 ³	CON	2015-16	\$ 150,000	\$ 150,000
La Habra	15-LHAB-TSP-3773	P	Imperial Highway/State Route - 90 Corridor ⁴	PI	2015-16	\$ 2,547,918	\$ 2,547,918
La Habra	17-LHAB-ECP-3884	X	Installation of Full Capture Trash Inserts in Catch Basins ^{1 & 3}	CON	2017-18	\$ 177,288	\$ 177,288
Laguna Woods	14-LWDS-TSP-3707	P	El Toro Road Regional Traffic Signal Synchronization ⁴	PI	2014-15	\$ 485,200	\$ 449,200
Laguna Woods	14-LWDS-TSP-3708	P	Moulton Parkway Regional Traffic Signal Synchronization ⁴	PI	2014-15	\$ 574,400	\$ 539,400
Orange	15--ORNG-ICE-3781	O	Tustin Street and Katella Avenue Critical Intersection Widening ³	ENG	2015-16	\$ 105,000	\$ 105,000
Scope Changes (10) - Total Phase Allocations						\$ 6,792,329	\$ 6,721,329

Reasons for Project Adjustments

- 1 = Overlap with other projects
- 2 = Low ridership
- 3 = Location modification/site constraint/ROW issue
- 4 = Design issue

Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Requests

Transfer Requests								
Agency	Project Number	Project	Project Title	Phase	Current FY	Current Allocation	Transfer Amount	Proposed Allocation
Lake Forest	16-LFOR-CBT-3829	V	Shuttle Service Between Irvine Train Station and Panasonic Avionics ¹	OPS	2016-17	\$ 175,266	\$ (153,882)	\$ 21,384
Lake Forest	16-LFOR-CBT-3829	V	Shuttle Service Between Irvine Train Station and Panasonic Avionics ¹	OPS	2018-19	\$ 175,266	\$ 76,941	\$ 252,207
Lake Forest	16-LFOR-CBT-3829	V	Shuttle Service Between Irvine Train Station and Panasonic Avionics ¹	OPS	2019-20	\$ 175,266	\$ 76,941	\$ 252,207
Newport Beach	16-NBCH-CBT-3832	V	Balboa Peninsula Trolley ¹	CAP	Multiple	\$ 362,560	*TBD	*TBD
Newport Beach	16-NBCH-CBT-3832	V	Balboa Peninsula Trolley ¹	OPS	Multiple	\$ 322,894	*TBD	*TBD
San Juan Capistrano	15-SJCP-ACE-3784	O	Del Obispo Street Widening ¹	ROW	2015-16	\$ 175,000	\$ (109,203)	\$ 65,797
San Juan Capistrano	15-SJCP-ACE-3784	O	Del Obispo Street Widening ¹	CON	2016-17	\$ 605,930	\$ 109,203	\$ 715,133
Transfer Requests (3) - Total Project Allocations						\$ 1,992,182	\$ -	\$1,306,728

Reason for Adjustment

1 = Project savings

Acronyms

ARTIC - Anaheim Regional Transportation Intermodal Center
 CAP - Capital
 CON - Construction
 CTFP - Comprehensive Transportation Funding Program
 ENG - Engineering
 FY - Fiscal Year
 LFS - Local Fair Share
 O - Regional Capacity Program
 O&M - Operations and Maintenance

OCTA - Orange County Transportation Authority
 OPS - Operations
 P - Regional Traffic Signal Synchronization Program
 PI - Primary Implementation
 ROW - Right of Way
 SMP - Senior Mobility Program
 TBD - To Be Determined
 V - Community Based Transit/Circulators Program
 X - Environmental Cleanup Program

**Comprehensive Transportation Funding Programs
March 2018 Semi-Annual Review Adjustment Request Descriptions**

Advances

Local agencies wishing to advance a project by one fiscal year (FY), or more, may request project advancement. Advancement requests will be considered only if program funds are available. The grant will be de-escalated according to original escalation rates. During this review cycle, the following advancement requests were submitted.

The Orange County Transportation Authority (OCTA), as administrative lead, is requesting to advance primary implementation (PI) phases from FY 2018-19 to FY 2017-18 for the following three projects. Negotiations are currently underway and contracts are anticipated to be awarded by June 30, 2018.

- Brookhurst Street Traffic Signal Synchronization project (16-OCTA-TSP-3794)
- Magnolia Avenue Traffic Signal Synchronization project (16-OCTA-TSP-3795)
- El Toro Road Traffic Signal Synchronization project (16-OCTA-TSP-3796)

Cancellations

Local agencies may request to cancel projects, as needed. Cancelled projects are eligible to reapply upon resolution of the issues that led to the original project cancellation. During this review cycle, the following cancellation requests were received.

The City of Anaheim is requesting to cancel both capital and operations phases due to low ridership for the Anaheim Regional Transportation Intermodal Center City Local Community Circulator Project (16-ANAH-CBT-3820).

The City of Orange is requesting to cancel both the right-of-way (ROW) phase and construction phase due to unresolved ROW issues for the Tustin Street and Katella Avenue Critical Intersection Widening Project (15-ORNG-ICE-3781).

Delays

Local agencies may request a one-time delay of up to 24 months to obligate funds. During this review cycle, the following delay requests were submitted.

The City of Mission Viejo is requesting a 24-month delay for the operations and maintenance (O&M) phase of the Marguerite Parkway Corridor Signal Synchronization Project (16-MVJO-TSP-3793). A delay is requested due to unforeseen complications in the design of fiber communication improvements.

OCTA, as the administrative lead for the City of Irvine, is requesting a delay of 12 months for the operations phases for both the Irvine iShuttle Route West Project (16-OCTA-CBT-3833) and the iShuttle Route East Project (16-OCTA-CBT-3834). The delay request is due to vehicle delivery and branding delays.

Comprehensive Transportation Funding Programs March 2018 Semi-Annual Review Adjustment Request Descriptions

OCTA, as the administrative lead for the City of Newport Beach, is requesting a delay of 12 months for the O&M phase of the Coast Highway Traffic Signal Synchronization Project (15-OCTA-TSP-3778). Stakeholder coordination and negotiations are taking longer than expected.

The City of Orange is requesting a 24-month delay for the construction phase of the Tustin Street and Chapman Avenue Intersection Widening Project (17-ORNG-ICE-3866). ROW negotiations are taking longer than expected.

The City of San Clemente is requesting a 12-month delay for the PI phase of the Camino Vera Cruz Traffic Signal Synchronization Project (17-SCLM-TSP-3877), due to unforeseen staff turnover.

CTFP (Comprehensive Transportation Funding Programs) Timely-Use of Funds Extensions

Once obligated, CTFP funds expire 36 months from the contract award date. Local agencies may request a one-time extension of up to 24-months. During this semi-annual review cycle, the following timely-use of funds extension requests were submitted.

The City of Anaheim is requesting a 24-month timely use of funds extension from April 2018 to April 2020 for the following two projects. The additional time is required to complete final acquisition of ROW.

- The ROW phase of the State College Boulevard and La Palma Avenue Intersection Project (14-ANAH-ICE-3712)
- The ROW phase of the Ball Road and Anaheim Boulevard Intersection Project (14-ANAH-ICE-3713)

The City of Costa Mesa is requesting a 24-month timely use of funds extension for both the PI and O&M phases of the Sunflower Avenue Signal Synchronization Project (14-CMSA-TSP-3706), from May 2018 to May 2020, due to unforeseen staffing issues.

The City of Irvine is requesting a 24-month timely use of funds extension for the ROW phase of the Jamboree Road and Barranca Parkway Intersection Project (14-IRVN-ICE-3716), from July 2018 to July 2020, due to unforeseen delays in securing the necessary ROW.

The City of La Habra is requesting a 24-month timely use of funds extension for the ROW phase of the Whittier Boulevard and Hacienda Road Intersection Improvements Project (15-LHAB-ICE-3772), from April 2019 to April 2021. Additional time is required to complete ROW processes.

Comprehensive Transportation Funding Programs March 2018 Semi-Annual Review Adjustment Request Descriptions

OCTA, as the administrative lead for the cities of Costa Mesa, Newport Beach, and Santa Ana, is requesting a 24-month timely use of funds extension for the PI and O&M phase of the Bristol Street Traffic Signal Synchronization Project (14-OCTA-TSP-3704) from June 2018 to June 2020 due to required negotiations with Southern California Edison.

The City of Santa Ana is requesting a 24-month timely use of funds extension from August 2018 to August 2020 for the following two projects. Additional time will allow for negotiation with remaining property and business owners and to provide relocation assistance.

- The ROW phase of the Bristol Street Widening from Civic Center Drive to Washington Avenue Project (14-SNTA-ACE-3724)
- The ROW phase of the Bristol Street Widening from Warner Avenue to Saint Andrew Place Project (14-SNTA-ACE-3725)

Local Fair Share Timely-Use of Funds Extensions

The City of San Clemente is requesting a 12-month timely-use of funds extension of \$1,693,797 and \$10,697 of earned interest. The funds being considered for extension were disbursed in separate installments and must be expended by the extension deadlines provided in Attachment A.

The City of Yorba Linda is requesting a one-time 24-month timely-use of funds extension of \$448,271. The total funds being considered for extension were disbursed in separate installments and must be expended by the extension deadlines provided in Attachment A.

Senior Mobility Program Timely-Use of Funds Extensions

The City of Villa Park (Villa Park) is requesting a 24-month timely-use of funds extension of \$1,224. The extension will provide Villa Park the ability to expend the funds within the scope identified in the cooperative agreement between OCTA and Villa Park beyond the initial expenditure deadline. The funds were disbursed in one installment and must be expended by the extension deadline provided in Attachment A.

Scope Changes

Agencies may request minor scope changes for CTFP projects if they can assure that project benefits as committed to in the initial application can still be delivered. For Environmental Cleanup Program Tier 1 projects, the proposed modifications must mitigate the same pollutants, affect the same waterways, and meet all other provisions as stipulated in the CTFP Guidelines. The match rate percentage identified by implementing agencies in the project grant application shall remain constant throughout the project. The proposed modification must be accommodated within the existing approved grant budget. During this review cycle, the following scope change requests were submitted.

Comprehensive Transportation Funding Programs March 2018 Semi-Annual Review Adjustment Request Descriptions

The City of Costa Mesa is requesting a scope change to the Baker Placentia Signal Synchronization (Mesa Verde East to Airway Avenue) Project (12-CMSA-TSP-3606). The scope change involves adding new interconnect conduit and traffic signal central system upgrades in lieu of providing traffic controllers and computer workstations which are no longer needed.

The City of Cypress is requesting a scope change to the Catch Basins Inserts Project (17-CYPR-ECP-3882). Due to existing physical constraints, 46 locations were deemed unsuitable for connector pipe screen (CPS) devices. The number of CPS devices is proposed to be adjusted from 218 to 172, and an additional nine automatic retractable screen (ARS) devices will be added. As a result, payment to the City of Cypress will be proportionally reduced and the grant amount will not be fully utilized.

The City of Huntington Beach is requesting a scope change to the Seasonal Local Transit Service (16-HBCH-CBT-3826). To boost ridership, the City of Huntington Beach is proposing to modify the current service and focus more specifically on weekend and holiday services.

The City of Irvine, as administrative lead, for the Von Karman Avenue/Tustin Ranch Road Regional Traffic Signal Synchronization Project (16-IRVN-TSP-3792), is requesting a scope change to add equipment. Additional necessary components have been identified for the project including new fiber optic cable, controller units, communication modems, cables, and global positioning system modules.

The City of La Habra is requesting a scope change for the Installation of Full Capture Trash Inserts in Catch Basins Project (15-LHAB-ECP-3764). The original scope proposed installation of 294 ARS and ten CPS devices at 124 catch basin locations. During installation, various locations were found to have site variants from original plans and specifications. The request is to install ARS devices at different higher priority locations from those originally identified. The location change allows for 296 ARS and ten CPS devices in 88 catch basins. The City of La Habra performed an analysis and concluded that the same ARS footprint was achieved with fewer catch basin locations.

The City of La Habra is requesting a scope change for the PI phase of the Imperial Highway/State Route-90 Corridor Project (15-LHAB-TSP-3773). The change includes an update to the City of La Habra's traffic management center and Synchro software license, the addition of communication switches and a TruTraffic Software License, and also includes signal modifications. The scope change was identified during the design phase and was deemed to be beneficial to the overall intent of the project.

The City of La Habra is requesting a scope change for installation of full capture trash inserts in Catch Basins Project (17-LHAB-ECP-3884). The contractor has field verified the locations and found many recent installations have already occurred and catch basins that are not compatible for CPS installation. In the incompatible locations, the City of La Habra proposes to install ARS units to prevent trash from entering the basin. The proposed modification would install 277 ARS and 113 CPS devices in lieu of the original 343 CPS proposed.

Comprehensive Transportation Funding Programs March 2018 Semi-Annual Review Adjustment Request Descriptions

The City of Laguna Woods is requesting a scope change for the following two projects listed below. The proposed scope change would remove the installation of six closed circuit television cameras (three for each project). As a result of the reduction in scope, the project grant will experience cost savings.

- El Toro Road Regional Traffic Signal Synchronization Project (14-LWDS-TSP-3707)
- Moulton Parkway Road Regional Traffic Signal Synchronization Project (14-LWDS-3708)

The City of Orange (Orange) is requesting a scope change to the Tustin Street and Katella Avenue Critical Intersection Widening Project (15-ORNG-ICE-3781). Orange was awarded Fast Track funding for the engineering, ROW, and construction phases of this project. Under Fast Track, Orange understood that it waived the opportunity to request a project delay. However, given ROW challenges that emerged during this project, Orange is now requesting an allowance to redefine the scope of project's grant award to engineering only, and cancellation of subsequent ROW and construction phases. This would release a total of \$1,113,882 back to the program. This request is not consistent with the intent of the Fast Track approach under the CTFP Guidelines. However, staff and the Technical Advisory Committee is supportive of this request due to diligent efforts carried out by Orange in trying to resolve the ROW challenges.

Transfers

The CTFP Guidelines allow agencies to request to transfer 100 percent of savings of funds between subsequent phases within a project. Funds can only be transferred to a phase that has already been awarded competitive funds. Such requests must be made prior to the acceptance of a final report and submitted as part of the semi-annual review process. During this review cycle, the following transfer requests were submitted.

The City of Lake Forest is requesting a transfer for the shuttle service between Irvine Train Station and Panasonic Avionics Project (16-LFOR-CBT-3829). The transfer includes FY 2016-17 operations savings in the amount of \$153,882, to be distributed evenly across FY 2018-19 and FY 2019-20.


The City of Newport Beach is requesting a transfer for Balboa Peninsula Trolley Project (16-NBCH-CBT-3832). The request is to transfer project savings from FY 2016-17 capital and operations phases and to distribute them evenly among remaining operating years. OCTA is currently reviewing the final report and will determine the appropriate transfer amount once the FY 2016-17 phases have been closed out.

The City of San Juan Capistrano is requesting a transfer for the Del Obispo Street Widening Project (15-SJCP-ACE-3784). The City of San Juan Capistrano is requesting to transfer all cost savings from the ROW phase to the construction phase. San Juan Capistrano submitted their ROW final report and OCTA found there to be \$109,203.96 in available project savings.



COMMITTEE TRANSMITTAL

June 11, 2018

To: Members of the Board of Directors
From:  Laurena Weinert, Clerk of the Board
Subject: Comprehensive Transportation Funding Programs - 2018 Project O and Project P - Call for Projects Programming Recommendations

Regional Planning and Highways Committee Meeting of June 4, 2018

Present: Directors Bartlett, Delgleize, M. Murphy, Nelson, Pulido, and Steel
Absent: Director Spitzer

Committee Vote

This item was passed by the Members present.

Committee Recommendations

- A. Approve the award of \$32 million in 2018 Regional Capacity Program funds to 11 local agency projects.
- B. Approve the award of \$8.9 million in 2018 Regional Traffic Signal Synchronization Program funds to six projects.
- C. Authorize the Chief Executive Officer, or designee, to accept \$6.85 million in Local Partnership Program competitive grant funds and execute any required agreements or amendments with the State of California, the California Transportation Commission, and the California Department of Transportation to facilitate the recommendations above.
- D. Authorize staff to make all necessary amendments to the Federal Transportation Improvement Program to facilitate the recommendations above.



June 4, 2018

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is written over the "From:" line.

Subject: Comprehensive Transportation Funding Programs – 2018 Project O and Project P – Call for Projects Programming Recommendations

Overview

The Orange County Transportation Authority issued the 2018 annual Measure M2 Regional Capacity Program and Regional Traffic Signal Synchronization Program call for projects in August 2017. This call for projects made available approximately \$40 million in Measure M2 competitive grant funding for streets and roads projects countywide. A list of projects recommended for funding is presented for review and approval.

Recommendations

- A. Approve the award of \$32 million in 2018 Regional Capacity Program funds to 11 local agency projects.
- B. Approve the award of \$8.9 million in 2018 Regional Traffic Signal Synchronization Program funds to six projects.
- C. Authorize the Chief Executive Officer, or designee, to accept \$6.85 million in Local Partnership Program competitive grant funds and execute any required agreements or amendments with the State of California, the California Transportation Commission, and the California Department of Transportation to facilitate the recommendations above.
- D. Authorize staff to make all necessary amendments to the Federal Transportation Improvement Program to facilitate the recommendations above.

Background

The Regional Capacity Program (RCP), Project O, is the Measure M2 (M2) competitive funding program through which the Orange County Transportation Authority (OCTA) supports streets and roads capital projects. The Regional Traffic Signal Synchronization Program (RTSSP), Project P, is the M2 competitive program which provides funding for signal synchronization projects. Both programs are included in the Comprehensive Transportation Funding Programs (CTFP). The CTFP allocates funds through a competitive call for projects (call) based on a common set of guidelines and scoring criteria that are developed in collaboration with the Technical Advisory Committee (TAC), which includes representatives from all 35 local jurisdictions, and is approved by the OCTA Board of Directors (Board). The CTFP may include state and federal sources as well, and in this case it includes recently approved SB 1 (Chapter 5, Statutes of 2017) Local Partnership Program (LPP) funds to support RTSSP projects.

On August 14, 2017, the Board authorized staff to issue the current call making available \$40 million, with \$32 million identified for RCP projects and \$8 million identified for RTSSP projects.

Discussion

RCP

The CTFP allocates funds through a competitive process using a common set of guidelines and scoring criteria. The guidelines for the 2018 call were approved by the Board on August 14, 2017. The guidelines establish a two-tiered funding approach to prioritize high scoring RCP projects, with funding availability for both small (less than \$5 million) and large (greater than \$5 million) projects. The first tier is for projects scoring 50 points or higher, and the second tier is for projects scoring below 50 points. Within Tier 1, two categories were established as shown below:

Total Funds Available	Tier 1 Category 1 <i>Projects requesting</i> <\$5 million (60%)	Tier 1 Category 2 <i>Projects requesting</i> >\$5 million (40%)
\$32 million	\$19.2 million	\$12.8 million

If all Project O funds are not allocated in Tier 1, remaining funding consideration is given to projects in Tier 2 (i.e., projects scoring less than 50 points). This consideration occurs during each call process and is done on a case-by-case basis. It should also be noted that there is no approved funding split between small and large projects in Tier 2.

On October 20, 2017, OCTA received 12 applications requesting a total of \$39.4 million in RCP funding. All applications were reviewed for eligibility, consistency, and adherence to the guidelines and overall program objectives. The applications were evaluated and ranked as per the scoring criteria identified in the guidelines. During the review process, staff worked with local agencies to address technical issues such as project scopes, excess right-of-way, and project costs.

Based upon the evaluation of the applications, staff prepared final RCP funding recommendations per the tiered funding approach outlined in the CTFP Guidelines. The recommendations were presented to the TAC on April 25, 2018, and were approved as presented. Therefore, staff's recommendation is to program the entire \$32 million allocated by the Board in order to fund the 11 RCP projects identified in Attachment A.

RTSSP

The RTSSP is a significant competitive funding source for corridor-based signal synchronization along Orange County arterials. Funding is typically provided for a three-year period that includes implementation and two years of funding for ongoing maintenance and monitoring in order to keep investments in optimal condition.

On October 20, 2017, OCTA received seven applications requesting a total of \$16.5 million in RTSSP funding. Applicants were encouraged to act as lead agencies for proposed projects. However, applicants can also request that OCTA act as lead agency. The latter approach is considered where corridors are complex, have multiple jurisdictions, and where regional agency assistance adds value to the project. During this funding cycle, OCTA was asked to lead five projects. One project was referred back to the applicant as a city-led project given the project scale. All applications were reviewed for eligibility, consistency, and adherence to the guidelines and program objectives. The applications were then evaluated and ranked per the scoring criteria identified in the guidelines.

Comprehensive Transportation Funding Programs – 2018 Page 4
Projects O and Project P – Call for Projects Programming
Recommendations

During the application review process, staff worked with local agencies to address technical issues such as project corridor limits, eligible equipment/upgrades, and unit cost items.

During this call, the state also released an SB 1 LPP call. In order to fully maximize and leverage resources for Orange County, OCTA submitted an SB 1 LPP grant application, which included all OCTA-led signal synchronization projects that were identified during the call. These projects included the following corridors:

- Katella Avenue/Villa Park Road/Santiago Canyon Road;
- Main Street;
- Los Alisos Boulevard; and
- Garden Grove Boulevard.

On May 16, 2018, the California Transportation Commission awarded OCTA \$6.85 million in SB 1 LPP grant funds for the projects identified above. Based upon this award, staff has prepared final funding recommendations, which are identified in Attachment B per the funding approach outlined in the CTFP Guidelines. Although the Board only authorized \$8 million for the 2018 RTSSP call, staff’s recommendation is to program \$8.9 million. By programming an additional \$900,699 (primarily from past project savings) in M2 RTSSP funds, OCTA is able to secure an additional \$6.85 million in SB 1 LPP funds for additional projects. Therefore, the final funding provided will be \$15.7 million in M2 Project P (RTSSP) and SB 1 funds combined.

Project O and Project P Recommendations Summary

The table below provides an overall summary of staff’s funding recommendations. These programming recommendations were reviewed and approved by the Technical Steering Committee at their meeting on March 14, 2018, and the TAC on April 25, 2018.

2018 CTFP Call for Projects RCP Summary

	RCP	RTSSP	Total
Number of Applications Recommended for Approval	11	6	17
Amount Recommended for Approval (escalated)	\$32,000,000	\$8,900,699	\$40,900,699

Note: SB1 LPP funding for RTSSP Projects is \$6.85 million not shown in table.

Further, the recommendations presented in this staff report are consistent with the 2018 guidelines approved by the Board. Therefore, staff recommends programming \$40.90 million for 17 projects under the M2 RCP and RTSSP programs.

If approved by the Board, these new projects will be incorporated into master funding agreements between OCTA and appropriate local agencies. Staff will then monitor project status, implementation, and delivery through the semi-annual review process. Also, in order to access SB 1 LPP grant funds, the OCTA Board must accept the grant and execute a program supplement agreement with the California Department of Transportation.

Summary

Proposed programming recommendations for projects in the RCP and RTSSP have been developed by staff. Funding for 17 projects totaling \$40,900,699 in M2 funds (including OCTA-led RTSSP projects) is accounted for in the fiscal year 2018-19 budget. Staff is seeking Board approval of the programming recommendations presented.

Attachments

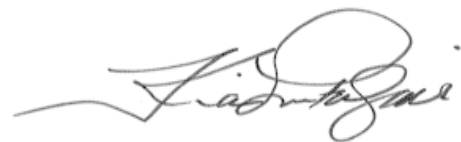
- A. 2018 M2 RCP Call for Projects, Programming Recommendations
- B. 2018 M2 RTSSP Call for Projects, Programming Recommendations

Prepared by:



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Section Manager, Local Programs
(714) 560-5372

Approved by:



Kia Mortazavi
Executive Director, Planning
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**2018 M2 RCP Call for Projects
Programming Recommendations**

Tier 1 Projects - Category 1 (60 percent) Funds Request <\$5 million and Project Score >50

Agency	Project	Fund	Phase	Score	Recommended M2 Funding Total	Total Project Funding (M2 + Match)
Irvine	University Drive Widening from Ridgeline Drive to Interstate 405	ACE	E	80	\$ 327,262	\$ 436,350
Mission Viejo	La Paz Bridge and Road Widening: Muirlands Boulevard to Chrisanta Drive	ACE	C	71	\$ 3,300,843	\$ 6,609,048
Santa Ana	Warner Avenue Improvements - Standard Avenue to Grand Avenue ⁴	ACE	R	70	\$ 3,066,000	\$ 4,088,000
Santa Ana	Warner Avenue Improvements - Main Street to Oak Street	ACE	C	64	\$ 4,629,750	\$ 6,173,000
Yorba Linda	Yorba Linda Boulevard Widening: La Palma Avenue to Santa Ana Canyon Road	ACE	E	64	\$ 375,000	\$ 500,000
Category 1 Sub-Total:					\$ 11,698,855	\$ 17,806,398

Tier 1 Projects - Category 2 (40 percent) Funds Request >\$5 million and Project Score >50

Agency	Project	Fund	Phase	Score	Recommended M2 Funding Total	Total Project Funding (M2 + Match)
Santa Ana	Warner Avenue Improvements - Oak Street to Standard Avenue ⁴	ACE	R	57	\$ 7,494,000	\$ 9,992,000
Category 2 Sub-Total:					\$ 7,494,000	\$ 9,992,000
Tier 1 Total:					\$ 19,192,855	\$ 27,798,398
Balance available for Tier 2 Projects						\$ 12,807,145

Tier 2 Projects - No category Split

Agency	Project	Fund	Phase	Score	Recommended M2 Funding Total	Total Project Funding (M2 + Match)
Brea ¹	State Route 57 and Lambert Road Interchange Improvements Phase ⁴	FAST	C	47	\$ 12,398,178	\$ 21,500,000 ³
Irvine ²	Culver Drive at Alton Parkway Intersection Improvements	ICE	E	44	\$ 194,047	\$ 388,094
Orange	Cannon Street at Serrano Avenue Intersection Widening	ICE	E	42	\$ 108,750	\$ 145,000
Laguna Niguel	Crown Valley Parkway Westbound Roadway Widening	ACE	R	41	\$ 51,750	\$ 69,000
Irvine	Harvard Avenue at Michelson Drive Intersection Improvements	ICE	E	31	\$ 54,420	\$ 544,204
Tier 2 Total:					\$ 12,807,145	\$ 22,646,298
Tier 1 & 2 Total:					\$ 32,000,000	\$ 50,444,696

Unfunded (Application Incomplete- Environmental Approval Required)

Orange County	Brea Canyon Road/Tonner Canyon Road Intersection Improvements	ICE	C			
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All projects have requested M2 funds in FY 2018-19, with the exception of the City of Irvine (see footnote 2).

1. M2 request was \$12,800,000. Amount reduced to \$12,398,178 to stay within \$32,000,000 Project O allocation.

2. \$150,000 requested in M2 funds in FY 2018-19. \$44,047 requested in M2 funds in FY 2019-20.

3. Other funds to be provided by the City of Brea to fund total project request.

4. Recommended funding allocation adjusted after Technical Advisory Committee meeting due to publishing error.

*All projects recommended for funding met the minimum requirement of level of service "D".

*Escalation rates included where applicable, based upon FY programmed.

Acronyms

M2 - Measure M2

RCP - Regional Capacity Program

ACE - Arterial Capacity Enhancements

E - Engineering

C - Construction

R - Right-of-Way

FAST - Freeway Arterial - Streets Transitions

ICE - Intersection Capacity Enhancements

2018 M2 RTSSP Call for Projects Programming Recommendations

Agency	Project	Signals	Cost Breakdown by Phase			Funding Breakdown by Source			Score
			Implementation FY 2018-19	O&M FY 2019-20	Project Total	M2 RTSSP	Local Match	SB 1 ²	
Fullerton	Orangethorpe Avenue Corridor	57	\$ 4,266,885	\$ 205,200	\$ 4,472,085	\$ 3,577,668	\$ 894,417	\$ -	79
Anaheim ³	Katella Avenue/Villa Park/ Santiago Canyon	73	\$ 4,759,235	\$ 177,600	\$ 4,936,835	\$ 1,529,571	\$ 1,012,347	\$ 2,394,917	78
Irvine ³	Main Street Corridor	67	\$ 3,661,920	\$ 160,800	\$ 3,822,720	\$ 1,174,514	\$ 764,544	\$ 1,883,662	77
Mission Viejo ³	Los Alisos Boulevard Route Project	40	\$ 2,126,228	\$ 96,000	\$ 2,222,228	\$ 685,467	\$ 444,446	\$ 1,092,315	73
Irvine	Culver Drive/Bonita Canyon/Ford Corridor	39	\$ 1,331,060	\$ 93,600	\$ 1,424,660	\$ 1,139,728	\$ 284,932	\$ -	72
Garden Grove ³	Garden Grove Boulevard	34	\$ 2,523,438	\$ 122,400	\$ 2,645,838	\$ 793,751	\$ 529,168	\$ 1,322,919	69
Subtotal			\$ 18,668,766	\$ 855,600	\$ 19,524,366	\$ 8,900,699	\$ 3,929,854	\$ 6,693,813	
SB 1 LPP Contingency			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 151,683	
Total			\$ 18,668,766	\$ 855,600	\$ 19,524,366	\$ 8,900,699	\$ 3,929,854	\$ 6,845,496	

Unfunded

Lake Forest	Rockfield Boulevard Corridor	12	\$ 941,743	\$ 28,800	\$ 970,543	\$ 776,434	\$ 194,109	\$ -	30
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¹ M2 RTSSP allocated funding is \$8 million. By approving an additional \$900,699 in M2 funds OCTA was able to secure \$1.3 million of additional SB 1 LPP funding.

² SB 1 - Total funding amount applied for \$6,845,496. Therefore, \$151,683 available for contingencies.

³ OCTA-led as designated by local agency.

Acronyms:

M2 - Measure M2

RTSSP - Regional Traffic Signal Synchronization Program

FY - Fiscal Year

O&M - Operations and Maintenance

SB 1 - (Chapter 5, Statutes of 2017)


OCTA - Orange County Transportation Authority

LPP - Local Partnership Program



June 4, 2018

To: Executive Committee

From: Darrell E. Johnson, Chief Executive Officer 

Subject: Measure M2 Quarterly Progress Report for the Period of January 2018 Through March 2018

Overview

Staff has prepared a Measure M2 quarterly progress report for the period of January 2018 through March 2018 for review by the Orange County Transportation Authority Board of Directors. This report highlights progress on Measure M2 projects and programs and will be available to the public via the Orange County Transportation Authority website.

Recommendation

Receive and file as an information item.

Background

On November 7, 2006, Orange County voters, by a margin of 69.7 percent, approved the Renewed Measure M Transportation Investment Plan (Plan) for the Measure M2 (M2) one half-cent sales tax for transportation improvements. The Plan provides a 30-year revenue stream for a broad range of transportation and environmental improvements, as well as a governing ordinance, which defines all the requirements for implementing the Plan. Ordinance No. 3 designates the Orange County Transportation Authority (OCTA) as responsible for administering the Plan and ensuring that M2's contract with the voters is followed.

OCTA is committed to fulfilling the promises made in M2. This means not only completing the projects described in the Plan, but adhering to numerous specific requirements and high standards of quality called for in the measure, as identified in the ordinance. Ordinance No. 3 requires that quarterly status reports regarding the major projects detailed in the Plan be brought to the OCTA Board of Directors (Board). On September 25, 2017, the Board approved rebranding M2 externally to OC Go to promote OCTA's Measure M awareness and public perception, as well as to avoid confusion with the recently approved,

similarly named, Los Angeles Metropolitan Transportation Authority's "Measure M." M2 progress is summarized in these quarterly progress reports, which are posted online for public review.

Discussion

This quarterly report reflects current activities and progress across all M2 programs for the period of January 1, 2018 through March 31, 2018 (Attachment A).

The quarterly report is designed to be easy to navigate and public friendly, reflecting OCTA's Strategic Plan transparency goals. The report includes budget and schedule information provided from the Capital Action Plan, and Local Fair Share and Senior Mobility Program payments made to cities during the quarter, as well as total distributions from M2 inception through March 2018.

Additionally, Attachment A includes a summary of the Program Management Office activities that have taken place during the quarter. One area in particular is highlighted below.

Safeguards

The M2 ordinance includes a requirement for a performance assessment to be conducted at least once every three years to evaluate OCTA's efficiency and effectiveness in delivery of M2 as promised to the voters. Three prior performance assessments have been completed covering fiscal year (FY) 2006-07 through FY 2008-09, FY 2009-10 through FY 2011-12, and FY 2012-13 through FY 2014-15. Findings and recommendations from assessments are presented to the Board, and recommendations are implemented as appropriate. A fourth assessment will begin in July 2018 and cover the period between July 1, 2015 and June 30, 2018. Procurement for a consultant to conduct this effort is underway.

Progress Update

The following provides an overview of M2 accomplishments to date by mode, as well as highlights of activities that occurred during the third quarter of FY 2018.

Freeway Program

The M2 Freeway Program currently consists of 27 projects or project segments identified in the Plan and approved by the voters to be delivered by 2041. Currently, while in year seven of the 30-year program, 12 are complete, with one in construction and another five readying to begin construction. The remaining nine are in various stages of project development, with two of those slated to go to construction and also be complete or nearing completion by 2026.

Key freeway project activities taking place this quarter are highlighted below.

- Interstate 5 between State Route 55 and State Route 57 project was advertised for construction bids on March 19th. Bid opening was scheduled for May 8th. (Project A)
- The revised draft environmental document and draft project report for Interstate 5 between Interstate 405 and State Route 55 has been submitted to the California Department of Transportation (Caltrans) for review. The draft environmental document is expected to be circulated in mid-May, and open house format public hearings are scheduled in late May. (Project B)
- All three segments of Interstate 5 between Avenida Pico and San Juan Creek Road widening project were opened to traffic on March 13, 2018, providing motorists with additional capacity and congestion relief. (Project C and Project D)
- Construction activities on Interstate 405 between State Route 73 and Interstate 605 began on March 6, 2018. The project is scheduled to be completed in 2023. (Project K)

Streets and Roads

Since 2011, \$670 million has been allocated to local jurisdictions for transportation improvements through the streets and roads competitive and formula funding programs. To date, 235 projects totaling more than \$345 million have received funding through seven programming cycles. Additionally, M2 provided a portion of the \$664 million to grade separate seven rail crossings. M2 successfully leveraged the majority of the funds (\$520 million) from state and federal sources.

The eighth call for projects (call) is currently underway for both the Regional Capacity Program (RCP {Project O}) and the Regional Traffic Signal Synchronization Program (RTSSP {Project P}). Key streets and roads project activities taking place this quarter are highlighted below.

- Staff completed the review of applications received for the RCP and RTSSP call and presented funding recommendations to the Technical Steering Committee (TSC) on March 14, 2018. The TSC supported the recommendations and forwarded them to the Technical Advisory Committee meeting on April 25, 2018. Recommendations will be brought to the Board in June 2018. (Project O and Project P)

Transit

The M2 transit mode includes a number of programs designed to provide additional transportation options. M2 is the main funding source for Metrolink commuter rail service in Orange County and also provides funding for rail station improvements and transit connections to extend the reach of the services. Since 2011, Metrolink ridership in Orange County has increased 16 percent. Additionally, M2 provides competitive funding for local bus community circulators (\$37 million to date), bus stop improvements (\$1.5 million to date), and funding to support specific programs to help meet the needs of seniors and persons with disabilities (\$56 million to date). Key transit project activities taking place this quarter are highlighted below.

- Final design for the Anaheim Canyon Metrolink Station Improvements began in March 2018. (Project R)
- Excavations for the Orange Transportation Center Metrolink Parking Structure were completed, and concrete pouring began in January 2018. The project is expected to be complete in February 2019. (Project R)
- On March 26, 2018, the OCTA Board authorized the Chief Executive Officer to negotiate and execute an agreement with Siemens Industries, Inc., in the amount of \$51.5 million, for the purchase of streetcar vehicles. (Project S)
- Applications for the second round of the Community-Based Transit/ Circulators Program were due on March 23, 2018. A total of seven applications were received. OCTA is currently reviewing applications, and funding recommendations are planned to be presented to the Transit Committee and the Board in June 2018. (Project V)

Environmental Programs

The M2 Program includes two innovative programs, the Environmental Cleanup Program (ECP) and the Environmental Mitigation Program (EMP). The ECP improves water quality by addressing transportation related pollutants while the EMP off-sets biological impacts of freeway projects.

Since 2011, the ECP has provided \$48 million to local jurisdictions through a competitive process which funded 154 projects for trash removal devices and 22 projects for comprehensive capital improvements to improve water quality. This has resulted in more than 6.2 million cubic feet of trash (or over 2,600 forty-foot shipping containers) captured so far and it is estimated that once fully functional, the capital projects will have an annual groundwater recharge potential of approximately 157 million gallons of water.

The Board has authorized \$55 million for the EMP to acquire conservation lands, fund habitat restoration projects, and to develop the Conservation Plan. OCTA has acquired more than 1,300 acres and funded 12 restoration projects across Orange County. With the established endowment, the wildlife and habitat on the acquired lands are protected in perpetuity. Key program activities during this quarter are highlighted below.

- The Board approved the release of the ECP eighth Tier 1 call on March 12, 2018, in the amount of approximately \$2.8 million. (Project X)
- In January 2018, OCTA was able to maximize existing EMP investments by obtaining a programmatic permit from the United States Army Corps of Engineers to off-set impacts to waterways affected by the freeway projects.

Challenges

A critical factor in delivering M2 projects successfully is to ensure project scope, schedules, and budgets remain on target. Project scope increases, schedule delays, and resulting cost increases can quickly affect project delivery and have a cascading effect on other activities. In light of past reductions in the sales tax revenue forecast and the potential for a cost increasing environment, this factor is even more significant. As such, ability to secure external funding while managing projects tightly is critical.

OCTA continues to be successful in capturing external funding. However, during the State Transportation Improvement Program (STIP) funding cycle, in some cases projects were programmed later than OCTA's requested timeframe.

OCTA staff will work with the California Transportation Commission and Caltrans staff to seek methods to maintain the existing schedules and avoid delay in planned delivery.

Also, an area of focus is Interstate 5 between State Route 73 and El Toro Road, which is made up of three project segments. Given that the project is cleared as a single project, and the combined cost is greater than \$500 million, according to Federal Highway Administration rules the project falls under the major project designation. Major projects require a formal cost estimate review (CER) process. The cost and schedule for the combined projects will be updated after finalizing information resulting from the CER. Staff anticipates the process will require added contingency to deal with perceived risk and increased escalation requirements resulting in a higher overall project cost.

Another external funding issue is pending receipt of the full funding grant agreement for the OC Streetcar. The Federal Transit Administration and the Orange County Congressional Delegation continue to show strong support for the project, and with the federal funding package in place, finalized grant approval should be forthcoming.

Finally, staff is monitoring repeal efforts underway of SB 1 (Chapter 5, Statutes of 2017). Due to revenue reductions, M2 relies on external funding, including state and federal dollars for delivery of the freeway program. If the SB 1 repeal is successful, there is a likelihood that funding commitments programmed in the STIP for M2 projects would be impacted and could delay M2 delivery schedules.

M2 project delivery is monitored closely, and progress, as well as challenges, are presented to the Board through these quarterly staff reports, individual project staff reports, as well as through the Capital Action Plan quarterly performance metrics reports from the Capital Programs Division.

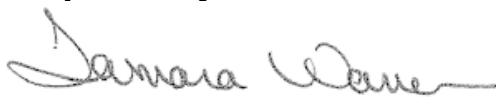
Summary

As required by M2 Ordinance No. 3, a quarterly report covering activities from January 2018 through March 2018 is provided to update progress in implementing the Plan. The above information and the attached details indicate significant progress on the overall M2 Program. To be cost-effective and to facilitate accessibility and transparency of information available to stakeholders and the public, the M2 Quarterly Progress Report is presented on the OCTA website. Hard copies are available by mail upon request.

Attachment

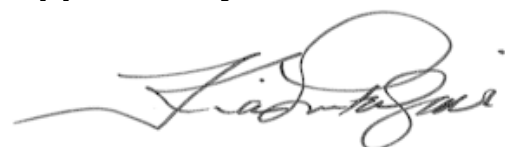
- A. Measure M2 Progress Report, Third Quarter Fiscal Year 2017-18, January 1, 2018 through March 31, 2018

Prepared by:



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OCGO
Local Tax Dollars at Work
MEASURE M2 PROGRESS REPORT

THIRD QUARTER FISCAL YEAR 2017-18
JANUARY 1, 2018 THROUGH MARCH 31, 2018

THIRD QUARTER HIGHLIGHTS:

- Freeway Projects
- Streets and Roads Projects
- Transit Projects
- Environmental Programs
- Finance Matters
- Program Management Office
- Summary





OCGO
Local Tax Dollars at Work
MEASURE M2 PROGRESS REPORT

SUMMARY

On November 7, 2006, Orange County voters, by a margin of 69.7 percent, approved the renewal of the Measure M one-half cent sales tax for transportation improvements. Voters originally endorsed Measure M in 1990 with a sunset in 2011. The renewal of Measure M continues the investment of local tax dollars in Orange County's transportation infrastructure for another 30 years to 2041.

As required by the Measure M2 (M2) Ordinance No. 3, a quarterly report covering activities from January 1, 2018 through March 31, 2018 is provided to update progress in implementing the Measure M2 Transportation Investment Plan. On September 25, 2017, the Board of Directors (Board) approved externally rebranding M2 to OC Go to promote OCTA's Measure M awareness and public perception and to avoid confusion with Measure M in Los Angeles County.

To be cost effective and to facilitate accessibility and transparency of information available to stakeholders and the public, Measure M2 progress reports are presented on the Orange County Transportation Authority (OCTA) website. Hard copies are mailed upon request.



The cover photo is a portion of the Interstate 5 South County Improvement Project located between Avenida Pico to San Juan Creek Road. Construction of the carpool lanes were completed and opened to traffic on March 13th, 2018.




MEASURE M2 PROGRESS REPORT

TABLE OF CONTENTS

Section	Project	Page
Abbreviations		i
Project Schedules		iii
M2 Delivery Risk Update		1
Next 10 Plan Update		3
Freeway Program (Projects A-N)		7
Interstate 5 (I-5) Projects	[A-D]	7
State Route 22 (SR-22) Projects	[E]	11
State Route 55 (SR-55) Projects	[F]	11
State Route 57 (SR-57) Projects	[G]	12
State Route 91 (SR-91) Projects	[H-J]	13
Interstate 405 (I-405) Projects	[K-L]	16
Interstate 605 (I-605) Projects	[M]	17
Freeway Service Patrol	[N]	17
Streets and Roads (Project O, P and Q)		18
Regional Capacity Program	[O]	18
Regional Traffic Signal Synchronization Program	[P]	21
Local Fair Share Program	[Q]	21
Transit Programs (Projects R, S, T, U, V and W)		23
High Frequency Metrolink Service	[R]	23
Transit Extensions to Metrolink	[S]	27
Metrolink Gateways	[T]	28
Expand Mobility Choices for Seniors and Persons with Disabilities	[U]	29
Community Based Transit / Circulators	[V]	30
Safe Transit Stops	[W]	31
Environmental (Project X and Freeway Mitigation Program)		32
Environmental Cleanup	[X]	32
Freeway Mitigation Program (part of Projects A - M)		33
Program Management Office		36
M2 Financing and Schedule of Funding		39
Local Fair Share - M2 Funding by Agency		47
Capital Action Plan - Capital Project Status		49



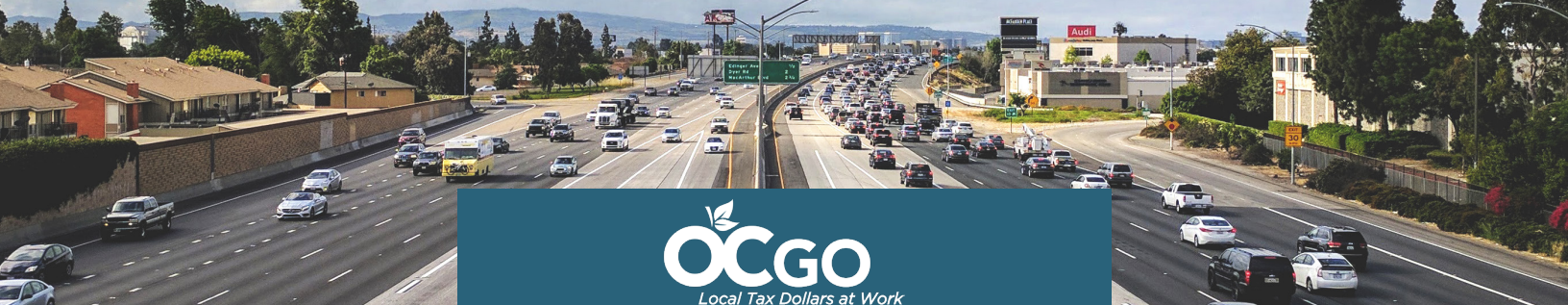

COMMON ABBREVIATIONS

Americans with Disabilities Act	ADA
Annual Eligibility Review	AER
Board of Directors	Board
Burlington Northern Santa Fe	BNSF
California Department of Fish and Wildlife	CDFW
California Department of Transportation	Caltrans
California Transportation Commission	CTC
Capital Action Plan	CAP
Capital Investment Grant	CIG
Chief Executive Officer	CEO
Congestion Mitigation and Air Quality	CMAQ
Environmental Cleanup Allocation Committee	ECAC
Environmental Cleanup Program	ECP
Environmental Document	ED
Environmental Impact Report	EIR
Environmental Impact Statement	EIS
Environmental Mitigation Program	EMP
Environmental Oversight Committee	EOC
Federal Highway Administration	FHWA
Federal Transit Administration	FTA
Federal Transportation Improvement Program	FTIP
Freeway Service Patrol	FSP
Full Funding Grant Agreement	FFGA
High Occupancy Vehicle	HOV
Interstate 15	I-15
Interstate 405	I-405
Interstate 5	I-5
Interstate 605	I-605
Invitation for Bids	IFB
Local Faire Share Program	LFSP
Los Angeles – San Diego – San Luis Obispo	LOSSAN
Los Angeles County Metropolitan Transportation Authority	LA Metro
Measure M2 or Renewed Measure M	M2
Memorandum of Understanding	MOU
Metrolink Service Expansion Program	MSEP
Notice to Proceed	NTP
Next 10 Delivery Plan	Next 10
Orange County Transportation Authority	OCTA



COMMON ABBREVIATIONS

Orange County Unified Transportation Trust	OCUTT
Pacific Coast Highway	PCH
Plans, Specifications and Estimates	PS&E
Program Management Office	PMO
Project Development Team	PDT
Project Study Report	PSR
Request for Proposals	RFP
Resource Management Plan	RMP
Right-of-Way	ROW
Riverside County Transportation Commission	RCTC
Santa Ana Regional Transportation Center	SARTC
Senate Bill 1	SB 1
Senior Mobility Program	SMP
Senior Non-Emergency Medical Transportation	SNEMT
Southern California Association of Governments	SCAG
State Route 133	SR-133
State Route 22	SR-22
State Route 241	SR-241
State Route 55	SR-55
State Route 57	SR-57
State Route 71	SR-71
State Route 74	SR-74
State Route 91	SR-91
State Transportation Improvement Program	STIP
State Water Resources Control Board	SWRCB
Southern California Regional Rail Authority	SCRRA
Taxpayer Oversight Committee	TOC
To Be Determined	TBD
Transportation Infrastructure Finance and Innovation Act	TIFIA
United States Army Corps of Engineers	ACOE
United States Fish and Wildlife Service	USFWS
United States Department of Transportation	USDOT




MEASURE M2 PROJECT SCHEDULES



Conceptual



Environmental



Design, Advertise, & Award



Design-Build



Construction

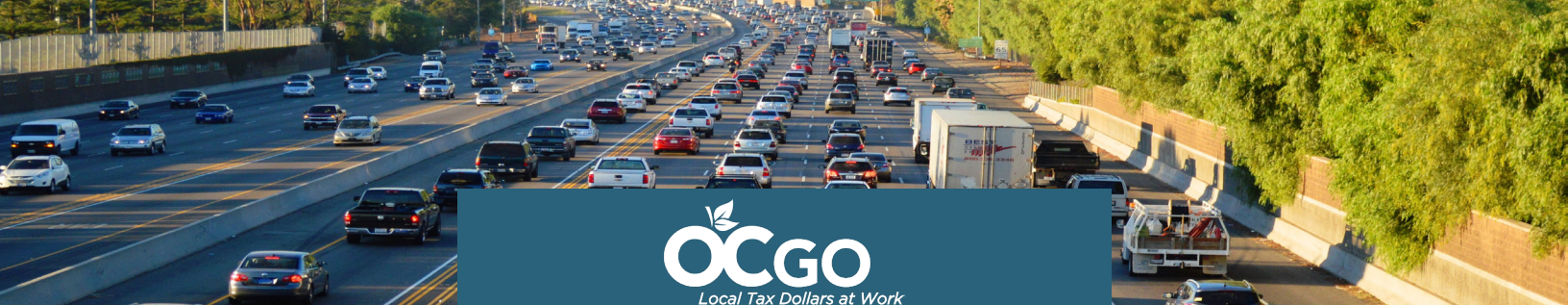


Complete

		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
A	I-5, SR-55 to SR-57	[Gantt bar: Green (2013-2014), Blue (2015-2018), Orange (2019-2021)]													
B	I-5, I-405 to SR-55 (Further Schedule TBD)	[Gantt bar: Green (2014-2018)]													
C,D	I-5, Avenida Pico to Avenida Vista Hermosa/Avenida Pico Interchange	[Gantt bar: Blue (2013-2014), Orange (2015-2018)]													
C	I-5, Avenida Vista Hermosa to Pacific Coast Highway (Complete)	[Gantt bar: Blue (2013-2014), Orange (2015-2017)]													
C	I-5, Pacific Coast Highway to San Juan Creek Road	[Gantt bar: Blue (2013-2014), Orange (2015-2018)]													
C,D	I-5, SR-73 to Oso Parkway/Avery Parkway Interchange	[Gantt bar: Green (2013-2014), Blue (2015-2020), Orange (2021-2024)]													
C,D	I-5, Oso Parkway to Alicia Parkway/La Paz Road Interchange	[Gantt bar: Green (2013-2014), Blue (2015-2018), Orange (2019-2022)]													
C	I-5, Alicia Parkway to El Toro Road	[Gantt bar: Green (2013-2014), Blue (2015-2020), Orange (2021-2023)]													
D	I-5, El Toro Interchange (Further Schedule TBD)	[Gantt bar: Green (2017-2019)]													
D	I-5, Ortega Interchange (Complete)	[Gantt bar: Orange (2013-2015)]													
E	SR-22, Access Improvements (Complete)	Completed in 2008													
F	SR-55, I-405 to I-5	[Gantt bar: Green (2013-2017), Blue (2018-2021), Orange (2022-2025)]													
F	SR-55, I-5 to SR-91 (Further Schedule TBD)	[Gantt bar: Green (2016-2020)]													
G	SR-57 NB, Katella Avenue to Lincoln Avenue (Complete)	[Gantt bar: Orange (2013-2015)]													
G	SR-57 NB, Orangethorpe Avenue to Yorba Linda Boulevard (Complete)	[Gantt bar: Orange (2013-2014)]													
G	SR-57 NB, Yorba Linda Boulevard to Lambert Road (Complete)	[Gantt bar: Orange (2013-2014)]													
G	SR-57 NB, Lambert Road to Tonner Canyon Road (Further Schedule TBD)	[Gantt bar: Green (2020-2023)]													
G	SR-57, Oranewood Avenue to Katella Avenue (Further Schedule TBD)	[Gantt bar: Green (2016-2018)]													
H	SR-91 WB, I-5 to SR-57 (Complete)	[Gantt bar: Orange (2013-2015)]													
I	SR-91 WB, SR-55 to Tustin Avenue Interchange (Complete)	[Gantt bar: Blue (2013-2014), Orange (2015-2016)]													
I	SR-91, SR-55 to SR-57 (Further Schedule TBD)	[Gantt bar: Green (2015-2018)]													
J	SR-91, SR-55 to SR-241 (Complete)	[Gantt bar: Orange (2013)]													
J	SR-91, SR-241 to SR-71 (Complete)	Completed in 2011													

Project schedules are based on phase start dates. Shown schedules are subject to change.

*Projects managed by local agencies



MEASURE M2 PROJECT SCHEDULES

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
J SR-91, SR-241 to I-15 (Env. Cleared/Further Schedule TBD)	<i>Environmental Complete in 2012</i>												
K I-405, SR-73 to I-605	[Gantt bar: 2013-2017 (green), 2018-2022 (orange with diagonal stripes)]												
L I-405, I-5 to SR-55 (Further Schedule TBD)	[Gantt bar: 2015-2018 (green)]												
M I-605, Katella Interchange (Further Schedule TBD)	[Gantt bar: 2016-2018 (green)]												
O Kraemer Boulevard Grade Separation (Placentia)	[Gantt bar: 2013-2014 (orange)]												
O Lakeview Avenue Grade Separation (Anaheim/Placentia)	[Gantt bar: 2013-2017 (orange)]												
O Orangethorpe Avenue Grade Separation (Anaheim/Placentia)	[Gantt bar: 2013-2017 (orange)]												
O Placentia Avenue Grade Separation (Placentia)	[Gantt bar: 2013-2014 (orange)]												
O Raymond Avenue Grade Separation (Fullerton)	[Gantt bar: 2013-2018 (orange)]												
O State College Blvd Grade Separation (Fullerton)	[Gantt bar: 2013-2018 (orange)]												
O Tustin Ave/Rose Drive Grade Separation (Anaheim/Placentia)	[Gantt bar: 2013-2017 (orange)]												
R Sand Canyon Grade Separation (Irvine)	[Gantt bar: 2013-2015 (orange)]												
R 17th Street Railroad Grade Separation	[Gantt bar: 2015-2017 (green)]												
R Rail-Highway Grade Crossing Safety Enhancement	<i>Completed in 2011</i>												
R San Clemente Beach Trail Safety Enhancements	[Gantt bar: 2013-2014 (orange)]												
R Anaheim Canyon Metrolink Station Improvements	[Gantt bar: 2016-2021 (green and orange)]												
R Fullerton Transportation Center Improvements	[Gantt bar: 2013-2018 (orange)]												
R Laguna Niguel/Mission Viejo Metrolink Station Americans with Disabilities Act (ADA) Ramps	[Gantt bar: 2014-2017 (green and orange)]												
R Orange Transportation Center Metrolink Parking Structure	[Gantt bar: 2013-2019 (orange)]												
R Placentia Metrolink Station Improvements and Parking Structure	[Gantt bar: 2013-2020 (orange)]												
R San Clemente Pier Station Lighting	[Gantt bar: 2015-2016 (orange)]												
R Laguna Niguel to San Juan Capistrano Metrolink Station Passing Siding Project	[Gantt bar: 2013-2020 (green and orange)]												
R Tustin Metrolink Station Parking Structure	<i>Completed in 2011</i>												
R,T Anaheim Regional Transportation Intermodal Center (ARTIC)*	[Gantt bar: 2013-2014 (orange)]												
S OC Streetcar	[Gantt bar: 2013-2021 (green and orange)]												

Project schedules are based on phase start dates. Shown schedules are subject to change.

*Projects managed by local agencies



MEASURE M2 PROGRESS REPORT

M2 DELIVERY RISK UPDATE ▼

This section discusses the risks and challenges related to Measure M2 and the Updated Next 10 Delivery Plan (Next 10) that the Measure M2 Program Management Office (PMO) is monitoring – complete with associated explanations and proposed actions.

Delivery Risk	Explanation	Proposed Action	
Financial			
1	Impact of the recession and changes in consumer spending resulted in a 44% decrease in forecasted revenues, to \$13.5 billion. If sales tax revenue continues to be lower than projections, this will further impact delivery.	The new lower forecast results in a greater reliance on external funding to deliver the entire Freeway Program as listed.	Continue to actively pursue all available state and federal revenue. Identify lower cost freeway alternative options for Board consideration as appropriate.
2	Inability to scale the Freeway Program to available revenue and still deliver the promise.	The freeway program includes set project scopes leaving very little flexibility in what is delivered.	OCTA will work closely with Caltrans to seek cost-saving measures on freeway projects through changes in design parameters where possible.
3	Delay in receipt of OC Streetcar Full Funding Grant Agreement (FFGA) from the Federal Transit Administration (FTA), could impact the overall delivery schedule.	While the FTA and the Orange County Congressional delegation continue to show strong support for the project, authorization for the New Starts FFGA remains outstanding.	Continue to communicate the merits of the OC Streetcar and need for swift action on receipt of the FFGA to FTA, Congress and the Administration. Move forward cautiously to protect the delivery schedule while at the same time minimizing financial risk.
4	Sustain Metrolink train service, as an attractive alternative to driving in Orange County with the limits of available revenue.	Operational cost of Metrolink service continues to grow as system ages, track-sharing arrangements with BNSF are revised, and new air quality requirements. These changes may impact service long term.	Staff will continue to work closely with Metrolink and our partners to ensure cost increases are minimized while service is optimized.
5	The Next 10 Market Conditions Forecast and Risk Analysis identified strong potential for an increasing-cost environment during the Next 10 delivery years.	Four near-term cost risks were highlighted: neighboring transportation programs, wage pressures, low unemployment, residential construction demand and effect on market.	OCTA will monitor and track key early warning indicators as recommended through the completed Market Analysis and will provide the Board annual updates on changes to risk factors.



MEASURE M2 PROGRESS REPORT

Delivery Risk	Explanation	Proposed Action
Organizational		
6	Potential impact to State Transportation Improvement Program (STIP) funding commitments for M2 freeway projects programmed, causing project advancement delays, if Senate Bill 1 (SB1) is repealed in November 2018.	Due to revenue reductions, M2 relies on external funding for delivery. If SB 1 is repealed, there is a likelihood that current state funding commitments in the STIP for M2 projects would be impacted and could delay M2 freeway delivery schedules.
7	Availability of specialized staff, given the scope of Right-of-Way (ROW) activities for various freeway construction activities.	Timely ROW acquisition and utility clearance are key factors in reducing project delivery risk. Early acquisition is challenged by heavy demand on Caltrans' ROW resources and further by a change in meeting frequency by the CTC, a necessary step in ROW settlement.
8	New operational responsibilities with the OC Streetcar.	Expert and timely coordination between OCTA and Caltrans are imperative to manage this risk. Staff is currently working with Caltrans to ensure resource needs are met through project lead responsibility for projects. If resource issues become a problem, OCTA could consider taking full responsibility.
8	New operational responsibilities with the OC Streetcar.	To ensure success of the OC Streetcar, OCTA hired a streetcar operations manager with proven start-up experience to oversee start-up and daily operations.
Policy		
9	New statewide directives create additional hurdles for the Freeway Program in particular.	With the implementation of the OC Streetcar service, OCTA will be increasing its overall role in operations. OCTA holds a strong track record in operating various transportation systems including both a fixed and demand-based bus network.
9	New statewide directives create additional hurdles for the Freeway Program in particular.	New directives with greenhouse gas reductions and managed lane corridors focus, may impact approvals for four of the remaining freeway projects with general purpose lanes that are not yet environmentally cleared.
		OCTA will work closely with Caltrans to ensure that when freeway improvement projects are reviewed for environmental clearance, they are viewed as part of a larger suite of improvements.



MEASURE M2 PROGRESS REPORT

Updated Next 10 Delivery Plan ▼

Contact: Tami Warren, PMO Manager • (714) 560-5590

On November 13, 2017, the Board approved the Updated Next 10 Delivery Plan (Next 10), providing guidance to staff on delivery of M2 projects and programs between 2017 and 2026. The Next 10 was updated to address and incorporate the 2017 sales tax revenue forecast of \$13.5 billion. The updated Next 10 incorporates current revenue projections, bonding assumptions, project costs and schedule, and adjustments ensuring continued delivery of the complete M2 Program by 2041 as promised.

Updated Next 10 Plan Deliverables

The Next 10 identified 10 objectives. Significant progress has been made, with projects completing construction, projects advancing towards construction, as well as regular funding allocations to local jurisdictions through programs. A summary of the progress to date for each of the 10 objectives identified in the Next 10 is outlined below.

1. Deliver \$3.1 billion of freeway improvements approved through construction (Projects A-M).

The M2 freeway program currently consists of 27 projects or project segments. At the point of Next 10 adoption, nine were already complete, and another nine designated to be complete within the Next 10 time-frame. Together, the nine segments designated for completion by 2026 make up the \$3.1 billion delivery promise. Currently, three segments of the I-5 (adding six miles of carpool lanes) between Avenida Vista Hermosa and San Juan Creek Road, opened to traffic in March 2018. The remaining six segments: one project on I-405 between SR-55 and I-605 (Project K); another four segments on I-5, one between SR-55 and SR-57 and the other three between SR-73 and El Toro Road (Projects A and C); and one segment on SR-55 between I-405 and I-5 (Project F) are in design or construction. For more details, see [pages iii-iv](#) (Project Schedules) and the project updates contained in the following pages.

2. Invest approximately \$1.2 billion more in revenues, bringing the completed Freeway Program improvements to \$4.3 billion (Projects A-M). Project I is a priority.

The final nine remaining project segments (of the 27 total) are on track to be environmentally cleared by 2026, making them “shelf ready” for future advancement as revenues become available. The Next 10 Plan designated another \$1.2 billion (in addition to the \$3.1 billion promised above) toward moving one or two projects from the nine into construction by 2026. Congestion levels, readiness, and cost risk are factors that will determine which environmentally cleared projects will be recommended to the Board to advance into the construction phase. Project I (between SR-55 and SR-57) meets the above criteria and was designated as a priority project by the Board in the Next 10 Plan and therefore is planned to move directly into design following completion of the environmental phase in 2019.



MEASURE M2 PROGRESS REPORT

3. Allocate \$1 billion, with \$400 million in competitive funding to local jurisdictions to expand roadway capacity and synchronize signals (Project O and P) and \$600 million in flexible funding to local jurisdictions to help maintain aging streets or for use on other transportation needs, as appropriate (Project Q).

Since the adoption of the Next 10 Plan in November 2016, OCTA issued two annual calls for projects for Project O and P. OCTA awarded approximately \$32.24 million to fund 13 Regional Capacity Program (Project O) projects and \$2.5 million to fund five Regional Traffic Signal Synchronization Program (Project P) projects for the 2017 annual call for projects. On August 14, 2017, the Board approved the release of the 2018 Call for Projects which made available approximately \$32 million for Project O and \$8 million for Project P. Funding recommendations will be presented to the Board next quarter. Additionally, \$80.6 million in Local Fair Share (Project Q) funds have been distributed to local agencies. For more details, see the project updates on [page 18](#).

a. Complete the remaining three grade separation projects (Project O).

When the Next 10 was adopted, grade separation projects under construction included: Lakeview Avenue, State College Boulevard, and Raymond Avenue. Lakeview Avenue grade separation was completed in June 2017, State College Boulevard grade separation was completed in January 2018, and Raymond Avenue grade separation opened to traffic in October 2017. With all seven of the OC Bridges projects open to traffic, a closing ceremony was held on October 24, 2017. All closeout activities for completion of the Raymond Avenue project are expected to be complete next quarter. To date, the Board has approved \$664 million in committed M2 and external funds for all seven of the OC Bridges Program grade separation projects.

4. Extend Metrolink service from Orange County into Los Angeles County, contingent upon cooperation and funding participation from route partners; complete six rail station improvements (Project R).

The Southern California Regional Rail Authority, continues to work on behalf of its members, the Riverside County Transportation Commission (RCTC), Los Angeles County Metropolitan Transportation Authority (Metro), and OCTA, to negotiate an agreement with the Burlington Northern Santa Fe (BNSF) Railway for the shared use of their corridor and associated indemnification and liability. This agreement is necessary to secure additional operating slots in order to provide additional passenger rail service on railroad right of way owned by the BNSF. Special counsel has been brought in to assist in these negotiations.

Within this program, funding is provided for rail corridor and station improvements to accommodate increased passenger train service - including station upgrades, parking expansions, and safety enhancements. The Next 10 Plan identifies six projects to be completed by 2026. 1. Laguna Niguel/Mission Viejo Metrolink station ADA ramps (completed September 2017), 2. Orange Metrolink station parking structure (construction 34% complete), 3. Placentia Metrolink station (construction to begin late 2018 contingent on BNSF MOU approval), 4. Anaheim Canyon Metrolink station improvement project (construction to begin late 2019), 5. Fullerton Transportation Center elevators (construction 20% complete), and 6. San Clemente Pier Metrolink/Amtrak station lighting (completed March 2017). For more details, see the project updates on [page 24](#).



MEASURE M2 PROGRESS REPORT

5. Complete design and construction, secure vehicles, and begin operating the OC Streetcar (Project S) and work with local agencies to consider recommendations from planning studies to guide development of future transit connections (Project S).

OC Streetcar

To date, the Board has approved up to \$306.4 million for the OC Streetcar project, including preliminary studies, environmental, project development and construction. The FTA continues to show strong support for the project and a FFGA is anticipated for Summer 2018. See [page 27](#) for more information.

OC Transit Vision

During this quarter, the Board was presented the draft Transit Master Plan. The plan included an action plan which was divided into short, medium and long-term recommendations. The Board directed staff to consider the plan in the upcoming Long-Range Transportation Plan process. Staff will be advancing many of the short-term action plan items over the next year. The completed plan is available at www.octa.net/octransitvision.

Harbor Corridor Transit Study

The technical evaluation of the alternatives was completed in late 2017 and the results were presented to the OCTA Transit Committee on 12/14/17. The Draft Final Report was made available on the OCTA website at that time. The results were then presented to the OCTA Board on 1/08/18.

The OCTA Board directed staff to offer presentations of the technical results and city and community input to each of the city councils in the study area (Fullerton, Anaheim, Garden Grove, and Santa Ana), and to report back to the Board with the comments received. The results were presented to each of the city councils. Staff will provide a final update to the Board in June and make the Final Report available online.

6. Provide up to \$115 million in funding to expand mobility choices for seniors and persons with disabilities (Project U).

Approximately \$16.9 million has been provided for the Senior Mobility Program (SMP), the Senior Non-Emergency Medical Transportation Program (SNEMT), and the Fare Stabilization Program since the Next 10 Plan adoption. See [page 29](#) for more information.

7. Work with local agencies to develop a plan for the next community circulator projects to provide grant opportunities for local agencies to implement effective local transit services (Project V).

In December 2017, OCTA staff requested letters from local agencies to determine interest for a future round of Project V funding. OCTA received 13 letters of interest and in February 2018, the Board initiated a 2018 Project V Call for Projects. A total of seven applications were received by the March 23, 2018 deadline. OCTA is currently reviewing the applications and funding recommendations will be presented to the Board in June 2018. For additional details and information on current project program performance and service see [page 30](#).



8. Allocate up to \$7 million in funding to improve the top 100 busiest bus stops and support the modernization of the bus system to enhance the customer experience (Project W).

To date, the Board has approved up to \$1,205,666 to support 51 city-initiated improvements and \$370,000 for OCTA-initiated improvements. The City of Anaheim postponed development of eight stops and will move forward in a future funding cycle. Of the remaining 43 stops, 14 stops have been completed and the remaining 29 stop improvements are also complete but are in the project closeout process by the City of Santa Ana. Closeout of all projects is anticipated next quarter. The OCTA initiated improvements went towards the implementation of a mobile ticketing application to make it more convenient for bus customers to purchase bus passes, obtain trip information, and board buses. Following closeout of the existing projects, staff will work with local agencies to assess future funding needs. A plan for future funding is anticipated to be brought to the Board in 2018. For additional details see [page 31](#).

9. Ensure the ongoing preservation of purchased open space (Preserves) which provides comprehensive mitigation of the environmental impacts of freeway improvements and higher-value environmental benefits in exchange for streamlined project approvals (Projects A-M).

The Freeway Mitigation Program Preserves includes seven properties (1,300 acres), and 12 restoration projects (350 acres). These Preserves and restoration projects are folded into the OCTA Natural Community Conservation Plan/ Habitat Conservation Plan (Conservation Plan), which allocates funds to support higher value environmental benefits such as habitat protection, connectivity and resource preservation to streamline the permitting process for M2 freeway projects. To ensure ongoing preservation of the open space, an endowment was established to pay for the long-term management of the Preserves. The second deposit into the endowment was made in August 2017, and approximately \$2.9 million on will be deposited an annual basis. For more details, see the project updates on [page 32](#).

10. Work with the Environmental Cleanup Allocation Committee (ECAC) to develop the next tiers of water quality programs, with a goal of providing \$40 million in grants to prevent the flow of trash, pollutants, and debris into waterways from transportation facilities. In addition, focus on improving water quality on a regional scale that encourages partnerships among the local agencies as part of the Environmental Cleanup Program (ECP) (Project X).

Since adoption of the Next 10 Plan in November 2016, OCTA issued two calls for Tier 1 ECP projects. The Board awarded approximately \$3.13 million to fund Tier 1 projects during the 2017 annual call for projects. The 2018 Tier 1 Call for Projects was released on March 12, 2018 and funding recommendations are anticipated in summer. Staff is working with the ECAC and the County of Orange to determine the best timing for the next Tier 2 call based on projected cash flow and local jurisdictions' interest in potential viable Tier 2 projects. For more details, see the project updates on [page 33](#).

FREWAYS

INTERSTATE 5 (I-5) PROJECTS ▼

Segment: I-5, Between SR-55 and SR-57

PROJECT A

Status: Design complete. Construction package advertised for bids.

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will increase high occupancy vehicle (HOV) capacity by adding a second HOV lane in both directions along I-5 between SR-55 and SR-57 in Santa Ana. This quarter, the project received federal authorization (E-76) allowing it to be advertised for construction. The project was advertised for bids on March 19th with Bid Opening scheduled for May 8th. Due to changes in scope and the replacement of State Transportation Improvement Program (STIP) funds with Congestion Mitigation and Air Quality (CMAQ) funds, this project is marked “red” in the Capital Action Plan (CAP), signifying a delay of over three months beyond the original schedule. Construction is expected to begin in mid-2018.

Segment: I-5, I-405 to SR-55

PROJECT B

Status: Environmental Phase Underway - 84% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will add one general purpose lane in each direction of the I-5 corridor and improve interchanges in the area between SR-55 and SR-133 (near the El Toro “Y” and I-405) in Tustin and Irvine. The environmental study will consider the addition of one general purpose lane on I-5 between just north of I-405 to SR-55. Additional features of Project B include the addition of auxiliary lanes in some areas and re-established in other areas within the project limits. During the quarter, the consultant continued working on the last few technical studies and obtained Caltrans approval on all technical studies needed before the circulation of Draft Environmental Document (DED). The revised DED and Draft Project Report (DPR) have been submitted for review. The DED is expected to be circulated in mid-May and open house format public hearings are anticipated to be in late May. The final ED is expected to be complete in December 2018.

Segment: I-5, Avenida Pico to Avenida Vista Hermosa/Avenida Pico Interchange

Status: Construction Underway - 98% Complete

PROJECT C AND
PART OF PROJECT D

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This segment adds a carpool lane in each direction on I-5 between Avenida Pico and Avenida Vista Hermosa in San Clemente, and includes major improvements through reconstruction of the Avenida Pico Interchange (part of Project D). The project also includes the addition of bicycle lanes in both directions of Avenida Pico. Construction began in February 2015. During the quarter, construction of the carpool lanes were completed and opened to traffic on March 13, 2018. Construction activities this quarter included pavement,

FREEWAYS

striping, electrical, landscape and irrigation. Punchlist work is ongoing with the goal to reach relief of maintenance in April 2018.

Segment: I-5, Avenida Vista Hermosa to Pacific Coast Highway

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: This segment adds a carpool lane in each direction of I-5 between Avenida Vista Hermosa and Pacific Coast Highway (PCH) in San Clemente, and also includes reconstructing on and off ramps at Avenida Vista Hermosa and Camino de Estrella. Construction began in September 2014 and relief of maintenance was obtained in July 2017 signifying completion. Due to the ongoing construction of project segments on either side of this segment, the opening of the carpool lanes were held. With completion of the adjoining segment, the full length of the carpool lanes for all three segments were opened to traffic on March 13, 2018. The one year plant establishment period is ongoing till May 2018.

Segment: I-5, Pacific Coast Highway to San Juan Creek Road

Status: Construction Underway - 99% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This segment will add one carpool lane in each direction of the I-5 between PCH and San Juan Creek Road in the cities of San Clemente, Dana Point, and San Juan Capistrano. Project improvements also include reconstructing on and off ramps at PCH/Camino Las Ramblas. Construction began in March 2014. During the quarter, construction of the carpool lanes were completed and opened to traffic in both directions on March 13, 2018. Construction activities this quarter included pavement, striping, electrical, landscape and irrigation. Punchlist work is ongoing with the goal to reach relief of maintenance in April 2018.

Segment: I-5, SR-73 and Oso Parkway/Avery Parkway Interchange

Status: Design Phase Underway - 95% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will make improvements along I-5 between SR-73 and Oso Parkway in the cities of Laguna Hills, Laguna Niguel, and Mission Viejo. The proposed improvements include the addition of a general purpose lane in each direction and reconstruction of the Avery Parkway Interchange (part of Project D). During the quarter, the consultant continued working on ROW appraisals and coordinated with utility agencies. Staff continued to coordinate with Caltrans to finalize and approve the required Fact Sheet. It is anticipated that the 100% Plans, Specifications, and Estimates (PS&E) will be submitted to Caltrans mid-2018. The plans identify a higher cost estimate due to unit price increases, rise in Caltrans support costs, and schedule changes to address bird nesting season restrictions. This segment was included in the 2018 STIP project recommendations for additional funding



FREWAYS

to address the increased cost estimate, which was approved by the Board in September 2017 and adopted by the CTC in March 2018. Due to extended ROW coordination, this project is marked “red” in the CAP, signifying a delay. This segment combined with the other two segments on I-5 between SR-73 and El Toro Road has been designated as a major project. This requires a formal cost review process by FHWA to take place in April 2018. The cost and schedule for the combined projects will be updated after finalizing information resulting from the cost estimate review.

Segment: I-5, Oso Parkway to Alicia Parkway/La Paz Road Interchange

Status: Design Complete. Construction bid package preparation underway.

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will make improvements along I-5 between Oso Parkway and Alicia Parkway in the cities of Mission Viejo, Laguna Hills, and Lake Forest. The proposed improvements include the addition of a general purpose lane in each direction and reconstruction of the La Paz Road Interchange (Part of Project D). Major activities this quarter included coordination with the Caltrans Office Engineer to prepare the construction package for advertisement, scheduled for August 2018. Staff also continued coordination of the service contract with Southern California Regional Rail Authority (SCRRA)/Metrolink, and with Caltrans on ROW and utilities. The consultant coordinated with various regulatory agencies to ensure all permits will be in place ahead of Advertisement. In the next quarter, outreach is expected to begin with presentations to the City Councils of Laguna Hills and Lake Forest, with more cities to follow over the Summer of 2018. Due to extended ROW coordination, this project is marked “red” in the CAP, signifying a delay of over three months beyond the original schedule. This project is anticipated to begin construction in early 2019. This segment combined with the other two segments on I-5 between SR-73 and El Toro Road has been designated as a major project. This requires a formal cost review process by FHWA to take place in April 2018. The cost and schedule for the combined projects will be updated after finalizing information resulting from the cost estimate review.

Segment: I-5, Alicia Parkway to El Toro Road

Status: Design Phase Underway - 95% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will make improvements along I-5 between Alicia Parkway to El Toro Road in the cities of Lake Forest, Laguna Hills, Laguna Woods and Mission Viejo, including the extension of the second HOV lane from El Toro Road to Alicia Parkway. Major activities this quarter included continued coordination with Caltrans, Orange County Parks and Orange County Flood Control regarding the planned work at Aliso Creek. Further coordination with the Army Corps of Engineers and the State Department of Fish and Wildlife. Design consultant received first round of comments from Caltrans regarding the final ROW mapping, submitted in November 2017. Due to extended ROW coordination with Caltrans and delayed design start date, this project is marked “red” in the CAP, signifying a delay of over three months beyond the original schedule. The 100% Design Submittal is now



FREEWAYS

anticipated for April 2019. This segment is currently programmed in the STIP three years later than requested. Staff will work with the CTC staff and Caltrans to seek methods to maintain the existing schedule. This segment combined with the other two segments on I-5 between SR-73 and El Toro Road has been designated as a major project. This requires a formal cost review process by FHWA to take place in April 2018. The cost and schedule for the combined projects will be updated after finalizing information resulting from the cost estimate review.

PROJECT D

This project will update and improve key I-5 interchanges at Avenida Pico, Ortega Highway, Avery Parkway, La Paz, and at El Toro Road. Three interchange improvements at La Paz, Avery Parkway, and Avenida Pico are part of Project C.

Segment: I-5, El Toro Interchange

Status: Environmental Phase Underway - 25% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project includes four different alternatives that consider modifications to the existing interchange, which range from a I-5 southbound direct connector to El Toro Road to modifications in how existing off ramp intersections operate. Work began in May 2017. Work during the quarter included completion of the Value Analysis Study and a ROW review meeting between Caltrans and OCTA. The Value Analysis Final Report was sent to all attendees in February 2018. Caltrans provided an update to the OCTA Board in March 2018. The environmental phase is anticipated to be completed in late 2019.

Segment: I-5, Ortega Highway Interchange

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: Construction began in February 2013 to reconstruct the SR-74 Ortega Highway Bridge over I-5, and improve local traffic flow along SR-74 and Del Obispo Street in the City of San Juan Capistrano. All lanes on the new bridge were opened to traffic on September 4, 2015. A dedication ceremony was held on October 1, 2015. The project was officially completed on January 15, 2016.



FREWAYS

STATE ROUTE 22 (SR-22) PROJECTS ▾

Segment: SR-22 Access Improvements

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



PROJECT E

Summary: Completed in 2008, Project E made improvements at three key SR-22 interchanges (Brookhurst Street, Euclid Street, and Harbor Boulevard) in the City of Garden Grove to reduce freeway and street congestion in the area. This M2 project was completed early as a “bonus project” provided by the original Measure M (M1).

STATE ROUTE 55 (SR-55) PROJECTS ▾

Segment: SR-55, I-405 to I-5

Status: Design Phase Underway - 25% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

PROJECT F

Summary: This project will widen SR-55 in the cities of Irvine, Santa Ana, and Tustin. Through a cooperative agreement, Caltrans is preparing the 20% design work and is responsible for developing and seeking approval of the required Fact Sheet addressing necessary design variations on the project. With OCTA staff oversight, Caltrans is refining the geometrics to eliminate and minimize the potential ROW risk and costs. The final Fact Sheet is anticipated to be initiated in mid-May 2018. OCTA consultant contract was executed in February 2018 for the Board authorized consultant selection for PS&E services. OCTA consultant is preparing a portion of the 35% design work in cooperation with Caltrans. ROW and utility coordination have been initiated. The project is anticipated to be ROW Certified and Ready To List in June 2020. This segment is currently programmed in the STIP one year later than requested. Staff will work with the CTC staff and Caltrans to seek methods to maintain the existing schedule.

Segment: SR-55, I-5 to SR-91

Status: Environmental Phase Underway - 32% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will study SR-55 between I-5 and SR-91 in the cities of Santa Ana, Tustin, Orange and Anaheim. The environmental study will consider the addition of one general purpose lane in each direction between SR-22 and the I-5, and provide operational improvements between SR-22 and SR-91. During the quarter, the consultant initiated and submitted a few of the environmental and engineering studies. The environmental phase is anticipated to be complete in early 2020.



FREWAYS

STATE ROUTE 57 (SR-57) PROJECTS ▾

Segment: SR-57 Northbound, Katella to Lincoln Avenue



PROJECT G

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project increased capacity and improved operations on northbound SR-57 between Katella Avenue and Lincoln Avenue in the City of Anaheim with the addition of a new 3-mile general purpose lane, on- and off-ramp improvements, and sound walls. Bridges at Katella Avenue and Douglas Road were also widened in the northbound direction. The project opened to traffic on November 19, 2014 and completed on April 21, 2015.

Segment: SR-57 Northbound, Orangethorpe to Yorba Linda Boulevard



Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project increased capacity and improved operations on northbound SR-57 with a new 2.5-mile northbound general-purpose lane between Orangethorpe Avenue in the City of Placentia to Yorba Linda Boulevard in the City of Fullerton. In addition to the new lane, capital improvements include reconstruction of northbound on- and off-ramps, widening of seven bridges, and the addition of soundwalls. The new general purpose lane was opened to traffic on April 28, 2014. The project was completed on November 6, 2014.

Segment: SR-57 Northbound, Yorba Linda Boulevard to Lambert Road



Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: Completed on May 2, 2014, this project improved capacity, operations, and traffic flow on SR-57 with the addition of a new 2.5-mile northbound general-purpose lane between Yorba Linda Boulevard in the City of Fullerton and Lambert Road in the City of Brea. Additional project benefits include on- and off-ramp improvements, the widening and seismic retrofit (as required) of six bridges in the northbound direction and the addition of soundwalls. Existing lanes and shoulders were also widened to standard widths, enhancing safety for motorists. The new general purpose lane was opened to traffic on September 23, 2013. The project was completed on May 2, 2014.



FREEWAYS

Segment: SR-57 Northbound, Lambert Road to Tonner Canyon Road

Status: Environmental phase expected to begin in mid-2020 (pending STIP funding approval)

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: Caltrans previously completed a Project Study Report/Project Development Support document for the Lambert Road to Tonner Canyon Road segment, which would add a truck-climbing lane from Lambert Road to Tonner Canyon Road in the City of Brea. The mainline project includes interchange and ramp improvements at Lambert Road. Through the Senate Bill 1 Trade Corridor Enhancement Program, funds were allocated to initiate the environmental phase for interchange improvements at Lambert Road which will complement and serve as a first phase to the freeway improvement project. Phase 2, which is the mainline improvements, was approved for STIP funding to initiate the environmental phase to study the truck-climbing lanes in mid-2020. This project will coordinate with and take into consideration any related work by LA Metro across the county line.

Segment: SR-57 Northbound, Orangewood Avenue to Katella Avenue

Status: Environmental Phase Underway - 40% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will study adding capacity in the northbound direction of SR-57 from Orangewood Avenue to Katella Avenue in the cities of Anaheim and Orange. Improvements under study include adding a northbound general purpose lane to join the northbound general purpose lane which was opened to traffic in 2014 between Katella Avenue and Lincoln Avenue. During the quarter, the second round of submittals was made for most of the draft technical studies that had been previously submitted. The consultant also worked on ROW Data Sheets for all three Build Alternatives. In the next quarter, the consultant will submit the Draft Project Report and Draft Environmental documents to OCTA and Caltrans for administrative review. The environmental phase is anticipated to be complete in late 2018.

STATE ROUTE 91 (SR-91) PROJECTS ▼

Segment: SR-91 Westbound, I-5 to SR-57

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



PROJECT H

Summary: This project increased capacity in the westbound direction of SR-91 by adding an additional general purpose lane in the westbound direction between Anaheim and Fullerton, and provided operational improvements at on and off-ramps between Brookhurst Street and State College Boulevard. The general purpose lane was opened to traffic on March 7, 2016. Construction is 100 percent complete, as of June 23, 2016.



FREEWAYS

Segment: SR-91, SR-55 to Tustin Avenue Interchange

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



PROJECT I

Summary: This project improved traffic flow at the SR-55/SR-91 interchange by adding a westbound auxiliary lane beginning at the northbound SR-55 to westbound SR-91 connector through the Tustin Avenue interchange in the City of Anaheim. The project was intended to relieve weaving congestion in the area and included reconstruction of the westbound side of the Santa Ana River Bridge to accommodate the additional lane. The bypass lane was open to traffic on May 14, 2016. Construction completed on July 15, 2016 and Contract Acceptance was granted on October 31, 2016.

Segment: SR-91, SR-55 to SR-57

Status: Environmental Phase Underway - 60% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project will improve traffic flow and operations along SR-91 within the cities of Fullerton and Anaheim. The study will look at the addition of one general purpose lane eastbound between SR-57 and SR-55, and one general purpose lane westbound from the NB SR-57 connector to State College Boulevard. Additional features of this project include improvements to various interchanges. Auxiliary lanes will be added in some segments and re-established in others within the project limits. This quarter, the consultant continued working on technical documents. Due to Caltrans requiring extra work to study interchange improvements outside of the completed Project Study Report (PSR) and the M2 promised project, the project is marked “red” in the CAP with a delay of more than one year from its original schedule. SR-91 Express Lanes excess revenue is designated to pay for the mainline freeway improvements included in M2. This project is anticipated to proceed into design shortly following the completion of this study. The environmental study is expected to be complete in mid-2019.

Segment: SR-91, SR-55 to SR-241

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



PROJECT J

Summary: This completed Project J segment added six miles in the westbound and eastbound direction to a key stretch of SR-91 between SR-55 and SR-241 in the cities of Anaheim and Yorba Linda. In addition to adding 12 lane miles to SR-91, the project also delivered a much needed second eastbound exit lane at the Lakeview Avenue, Imperial Highway and Yorba Linda Boulevard/Weir Canyon Road off-ramps. Beyond these capital improvements, crews completed work on safety barriers, lane striping and soundwalls. Completion of this project in March 2013 means a total of 18 lane miles have been added to SR-91 since December 2010. The lanes opened to traffic in December 2012, and construction completed on March 5, 2013.

FREEWAYS

Segment: SR-91, SR-241 to SR-71

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: Completed in January 2011, this segment added six miles through a key stretch of SR-91 between Orange County's SR-241 and Riverside County's SR-71. The project improves mobility and operations by reducing traffic weaving from traffic exiting at SR-71 and Green River Road. An additional eastbound general purpose lane on SR-91 was added and all existing eastbound lanes and shoulders were widened. The new facilities were opened to traffic on December 2, 2010 and construction completed January 31, 2011. Because this project was shovel-ready, OCTA was able to obtain American Recovery and Reinvestment Act funding for this M2 project, saving M2 revenues for future projects.

Segment: SR-91, SR-241 to I-15

Status: RCTC's Design-Build - Initial Phase Complete March 20, 2017

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: The purpose of this project is to extend the 91 Express Lanes eastward from its current terminus in Anaheim to I-15 in Riverside County. This project will also add one general purpose lane in each direction of SR-91, from SR-71 to I-15, and construct various interchange and operational improvements. On March 20, 2017, the RCTC contractors completed the \$1.3 billion initial phase freeway improvement project which extended the 91 Express Lanes from Orange County to I-15 in Riverside County, added a general purpose lane east of SR-71 to I-15, and provided tolled express connectors between SR-91 and I-15. While the portion of this project between SR-241 and the Orange County/Riverside County line is part of OCTA's M2 Project J, the matching segment between the county line and SR-71 is part of RCTC's Measure A. Construction of the final additional general purpose lane between SR-241 and SR-71 will take place post-2035. The ultimate project widens all SR-91 general purpose lanes to standard lane and shoulder widths from SR-241 to SR-71 (RCTC is responsible for the lane improvements between Green River and SR-71 while OCTA will be responsible for the lane improvements west of Green River to SR-241). To maintain synchronization, these general purpose lanes improvements, which span both counties, will be scheduled to ensure coordinated delivery of both portions of the project, and will provide a continuous segment that stretches from SR-241 to SR-71. This action is consistent with the 2017 SR-91 Implementation Plan.



FREEWAYS

INTERSTATE 405 (I-405) PROJECTS ▼

Segment: I-405, SR-73 to I-605

PROJECT K

Status: Design-Build Underway

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: OCTA and Caltrans are working together to widen I-405 through the cities of Costa Mesa, Fountain Valley, Garden Grove, Huntington Beach, Los Alamitos, Seal Beach, and Westminster. These improvements will add one general purpose lane, add a second lane to be combined with the existing HOV lane to provide a dual express lanes facility, and improve the local interchanges along the corridor from SR-73 to I-605.*

During the quarter, work continued on ROW acquisition, utility coordination, environmental permitting, final baseline schedule, and public outreach. Other work includes review of design-builder submittals including design submittals, transportation management plan and other administrative plans necessary to be completed prior to commencement of construction. On January 26, 2018, OCTA held a groundbreaking ceremony. On February 26, 2018, the Board awarded a contract to provide Toll System Integrator services. Construction began on March 6, 2018 and is scheduled to be completed in 2023.

* The general purpose lane portion of the project is a M2 project and will be funded by a combination of local, state and federal funds, with the express lanes portion of the project financed and primarily paid for by those who choose to pay a toll and use the 405 Express Lanes.

Segment: I-405, I-5 to SR-55

PROJECT L

Status: Environmental Phase Underway - 95% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: This project is studying the addition of general purpose lanes on the I-405 corridor between I-5 and SR-55 in Irvine. Additional features of the project include improvements to various interchanges, auxiliary lanes and ramps. During the quarter, the consultant compiled and prepared responses to public comments and prepared the first draft of final Project Report (PR) and draft final Environmental Document (ED). After reviewing the alternatives and draft reports, the PDT recommended Alternative 2, adding one general purpose lane in each direction, as the preferred alternative. The final ED is expected to be complete in July 2018.



FREWAYS

INTERSTATE 605 (I-605) PROJECTS ▼

Segment: I-605, Katella Interchange Improvements

Status: Environmental Phase Underway - 82% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

PROJECT M

Summary: This project will improve freeway access and the arterial connection to I-605 at Katella Avenue in the City of Los Alamitos and the County of Orange. Improvements under this project may include enhancements at the on-ramps and off-ramps in addition to operational improvements on Katella Avenue at the I-605 Interchange. The remaining two build alternatives include modification of interchange ramps and lane configurations on Katella Avenue from Coyote Creek Channel to Civic Center Drive. During the quarter, the consultant continued working on DPR and DED, and submitted for review and approval. The draft ED is anticipated to circulate in mid-April and an open house format public hearing is anticipated to be in late April. The final ED is anticipated to be completed in November 2018.

FREEWAY SERVICE PATROL ▼

Status: Service Ongoing

Contact: Cliff Thorne • (714) 560-5975

PROJECT N

Summary: M2's Freeway Service Patrol (FSP) began operation in June 2012 and provides tow truck service for motorists with disabled vehicles on the freeway system to help quickly clear freeway lanes and minimize congestion. During the quarter, the midday service provided assistance to 1,204 motorists and weekend service provided assistance to 923 motorists. There was no construction service provided this quarter, but service is expected to resume next quarter. Since inception, M2 and construction-funded FSP has provided a total of 66,549 assists to motorists on the Orange County freeway system.



REGIONAL CAPACITY PROGRAM ▾

Status: 2018 Call for Projects in Progress

PROJECT O

Contact: Joseph Alcock, Planning • (714) 560-5372

Summary: This program, in combination with required local matching funds, provides funding for improvements on Orange County’s Master Plan of Arterial Highways. Since 2011, 135 projects totaling more than \$263 million have been awarded through seven calls for projects by the Board. On August 14, 2017, the Board approved the release of the 2018 Call for Projects which made approximately \$32 million available to fund additional road improvements throughout the County. Applications were due on October 20, 2017. OCTA received 14 applications for a total of \$39.4 million in M2 funding requests. The Technical Steering Committee approved staff’s final funding recommendations on March 14, 2018; and Technical Advisory Committee approval is anticipated to occur on April 25, 2018. From there, project funding recommendations will be presented to the Board in June 2018.

OC Bridges Railroad Program

This program built seven grade separations (either under or over passes) where high volume streets are impacted by freight trains along the BNSF Railroad in North County. A status for each of the seven projects is included below. As of the end of this quarter, five are complete (Kraemer, Placentia, Orangethorpe, Tustin/Rose, and Lakeview), and the two remaining projects are scheduled to be completed in spring 2018. With all seven grade separations open to traffic in late 2017, a OC Bridges completion ceremony was held on October 24, 2017. Minor activities continue to complete punch list items and close out the projects.

Segment: Kramer Boulevard Grade Separation



Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: The project located at Kraemer Boulevard railroad crossing is grade separated and open to traffic. The project separated the local street from railroad tracks in the City of Placentia by building an underpass for vehicular traffic. The grade separation was opened to traffic on June 28, 2014, and an event was held on July 8, 2014 to commemorate the opening. Project acceptance by the City of Anaheim and the City of Placentia, respectively, occurred in December 2014 and the cities assumed full maintenance responsibilities. In December 2015, the one-year warranty period expired with no issues or repairs identified.



STREETS AND ROADS

Segment: Lakeview Avenue Grade Separation

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: The project located at Lakeview Avenue railroad crossing grade separated the local street from railroad tracks in the cities of Anaheim and Placentia by building a bridge for vehicular traffic over the railroad crossing and reconfiguring the intersection of Lakeview Avenue and Orangethorpe Avenue. Construction began on July 1, 2014.

Lakeview Avenue was reopened on June 6, 2017. Construction acceptance from the cities of Anaheim and Placentia was obtained on June 2, 2017 and OCTA has turned over the maintenance responsibilities to the cities and commenced the one year warranty. Close-out activities will be ongoing through spring 2018.

Segment: Orangethorpe Avenue Grade Separation

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: The project located at Orangethorpe Avenue railroad crossing is grade separated and open to traffic. The project separated the local street from railroad tracks in the cities of Placentia and Anaheim by building a bridge for vehicular traffic over the railroad tracks. On May 17, 2016, a joint-grand opening event was held to commemorate the opening to traffic for the Orangethorpe and Tustin/Rose Grade Separation projects. Construction was completed in October 2016 and construction acceptance was obtained from the cities of Anaheim and Placentia on October 25, 2016. OCTA has turned over the maintenance responsibilities to the cities and completed the one-year warranty on the majority of constructed items. The one-year warranty was extended to June 2019 for some minor repair items.

Segment: Placentia Avenue Grade Separation

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: The project located at Placentia Avenue railroad crossing is grade separated and open to traffic. This project separated the local street from railroad tracks in the city of Placentia by building an underpass for vehicular traffic. An event was held on March 12, 2014, to commemorate the opening to traffic. Project acceptance by the City of Anaheim and the City of Placentia, respectively, occurred in December 2014, and the cities assumed full maintenance responsibilities. In December 2015, the one-year warranty period expired with no issues or repairs identified.

STREETS AND ROADS

Segment: Raymond Avenue Grade Separation

Status: Construction Underway - 97% Complete

Contact: Rose Casey, Capital Projects • (714) 560-5729

Summary: The project located at Raymond Avenue railroad crossing grade separated the local street from railroad tracks in the City of Fullerton by taking vehicular traffic under the railroad crossing. The City of Fullerton is managing construction and OCTA is providing construction oversight, public outreach, railroad coordination, and ROW support. Construction began on June 2, 2014. Activities this quarter continue to include pump station, electrical, traffic signal, landscaping, irrigation, pavement, and striping. Raymond Avenue has been opened to traffic since October 2017. Construction is forecasted to be completed in April 2018.

Segment: State College Boulevard Grade Separation

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: The project located at State College Boulevard railroad crossing grade separate the local street from railroad tracks in the City of Fullerton by taking vehicular traffic under the railroad crossing. The City of Fullerton managed the construction and OCTA is provided construction oversight, public outreach, railroad coordination, and ROW support. Construction activities this quarter continue to include work on pump station, landscape, irrigation, pavement and striping. State College Boulevard was opened to through traffic on November 1, 2017. Construction acceptance and maintenance responsibilities from the city of Fullerton was obtained on March 7, 2018 and the one year warranty began. Close-out activities will be ongoing through spring 2018.

Segment: Tustin Avenue/Rose Drive Grade Separation

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital Projects • (714) 560-5729



Summary: The project located at Tustin Avenue/Rose Drive railroad crossing is grade separated and open to traffic. The project separated the local street from railroad tracks in the cities of Placentia and Anaheim by building a bridge over the railroad crossing for vehicular traffic. On May 17, 2016, a joint-grand opening event was held to commemorate the opening to traffic for the Orangethorpe and Tustin/Rose Grade Separation projects. Construction was completed in October 2016 and construction acceptance was obtained from the cities of Anaheim and Placentia on October 25, 2016. OCTA has turned over the maintenance responsibilities to the cities and completed the one-year warranty on the majority of constructed items. The one-year warranty was extended to November 2018 for some minor repair items.



STREETS AND ROADS

REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROGRAM ▾

Status: Ongoing

PROJECT P

Contact: Anup Kulkarni, Planning • (714) 560-5867

Summary: This program provides funding and assistance to implement multi-agency signal synchronization. The target of the program is to regularly coordinate signals for 2,000 intersections along 750 miles of roadway as the basis for synchronized operation across Orange County. The program also leverages external funding to further enhance the efficiency of the street grid and reduce travel delay.

To date, OCTA and local agencies have synchronized more than 2,000 intersections along more than 594 miles of streets (or 65 completed projects). Through a competitive process, there have been seven rounds of M2 funding awarded by the Board thus far. Including external funding, the program has provided a total of 100 projects with more than \$82 million*.

On August 14, 2017, the Board approved the release of the 2018 Call for Projects Regional Traffic Signal Synchronization Program, making approximately \$8 million available for signal synchronization projects. The Call for Projects closed on October 20, 2017. OCTA received 7 applications for a total of \$16.5 million in M2 funding requests. Staff is reviewing applications and will provide final recommendations to the Board in June 2018.

*Please note, previous M2 Quarterly Progress Reports inaccurately reported \$89.17 million in funding awarded by the Board due to a clerical error.

LOCAL FAIR SHARE ▾

Status: Ongoing

PROJECT Q

Contact: Vicki Austin, Finance • (714) 560-5692

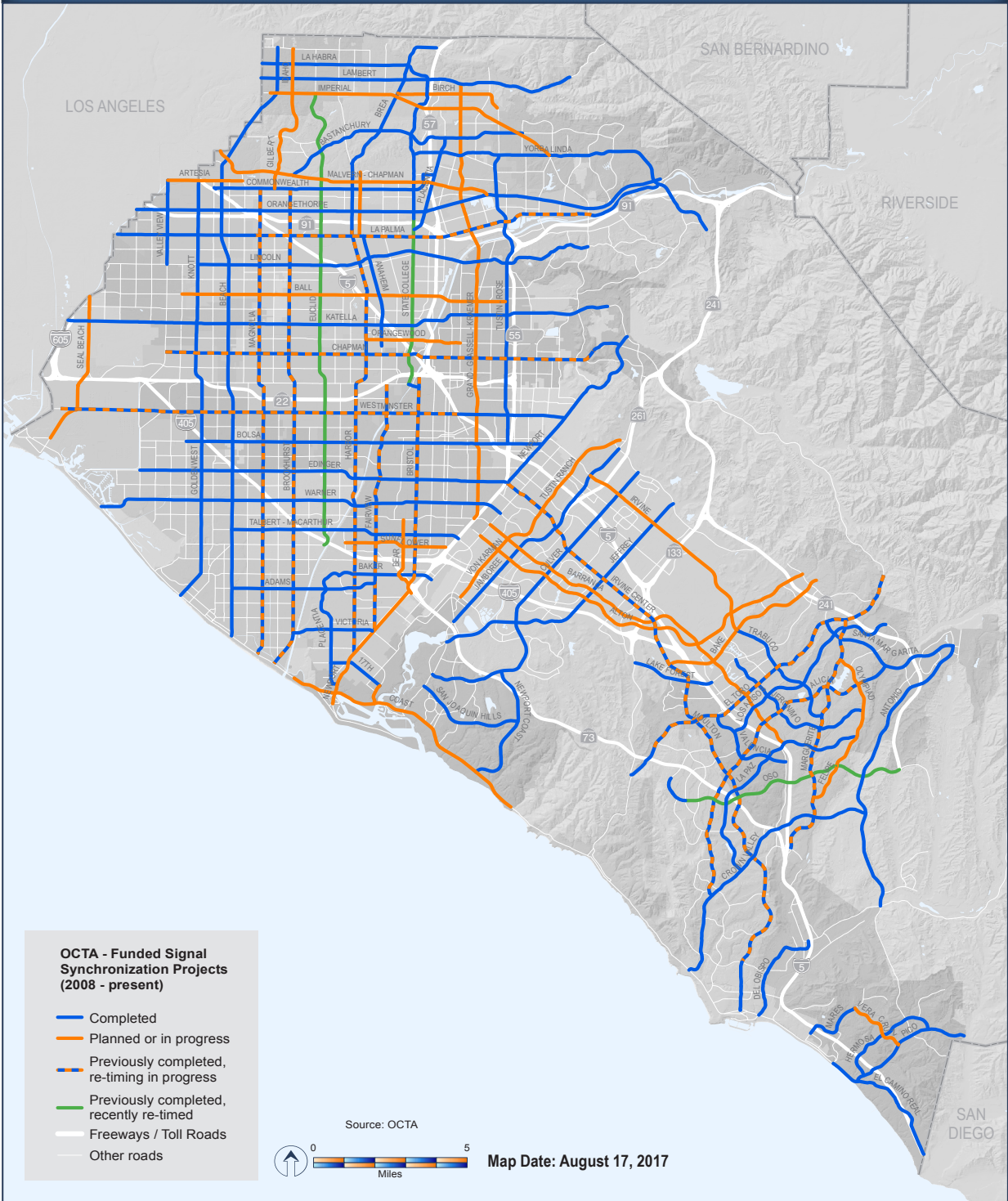
Summary: In order to help cities and the County of Orange keep up with the rising cost of repairing the aging street system, this program provides flexible funding intended to augment, not replace, existing transportation expenditures of the cities and the County. All local agencies have been found eligible to receive Local Fair Share funds. On a bi-monthly basis, 18 percent of net revenues are allocated to local agencies by formula. Approximately \$324.9 million in Local Fair Share payments have been provided to local agencies as of the end of this quarter.

See [pages 47-48](#) for funding allocation by local agency.



STREETS AND ROADS

OCTA - Funded Signal Synchronization Projects (2008 - present)



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TRANSIT

HIGH FREQUENCY METROLINK SERVICE ▾

PROJECT R

Project R will increase rail services within the County and provides additional Metrolink service north of Fullerton to Los Angeles. The program provides for track improvements, the addition of trains and parking capacity, upgraded stations, and safety enhancements to allow cities to establish quiet zones along the tracks. This program also includes funding for grade crossing improvements at high volume arterial streets, which cross Metrolink tracks.

Project: Metrolink Grade Crossing Improvements

Status: PROJECT COMPLETE

Contact: Jennifer Bergener, Rail • (714) 560-5462



Summary: Enhancement of the designated 52 Orange County at-grade rail-highway crossings was completed as part of the Metrolink Service Expansion Program (MSEP) in October 2012. Completion of the safety improvements provided each corridor city with the opportunity to establish a “quiet zone” at their respective crossings. Quiet zones are intended to prohibit the sounding of train horns through designated crossings, except in the case of emergencies, construction work, or safety concerns identified by the train engineer. The cities of Anaheim, Dana Point, Irvine, Orange, Santa Ana, San Clemente, San Juan Capistrano, and Tustin have established quiet zones within their communities.

Project: Metrolink Service Expansion Program

Status: Service Ongoing

Contact: Jennifer Bergener, Rail • (714) 560-5462

Summary: Following the completion of the MSEP improvements in 2012, OCTA deployed a total of ten new Metrolink intra-county trains operating between Fullerton and Laguna Niguel/ Mission Viejo, primarily during the midday and evening hours. Efforts to increase ridership through a redeployment of the trains without significantly impacting operating costs have been underway since 2014. Average daily ridership on intra-county trains has increased by seven percent since Fiscal Year 2012-13.

In April 2015, several schedule changes added a connection between the 91/Perris Valley Line and the intra-county service at Fullerton to allow a later southbound peak evening departure from Los Angeles to Orange County. Ridership on these two trains has increased by 43 percent since the improvement was implemented.

Part of OCTA’s re-deployment plan involves providing new trips from Orange County to Los Angeles. The Southern California Regional Rail Authority, continues to work on behalf of its members, the Riverside County Transportation Commission (RCTC), Los Angeles County Metropolitan Transportation Authority (Metro), and OCTA, to negotiate an agreement with the Burlington Northern Santa Fe (BNSF) Railway for the shared use of their corridor and associated indemnification and liability. This agreement is necessary to secure additional



TRANSIT

operating slots in order to provide additional passenger rail service on railroad right of way owned by the BNSF. Special counsel has been brought in to assist in these negotiations. Operation of additional Metrolink trains to Los Angeles is contingent on addressing indemnification and liability agreements and the completion of a triple track project on the BNSF Railway between Fullerton and Los Angeles, which is currently anticipated to be in 2018.

Rail Corridor and Station Improvements

Additionally, under MSEP, funding is provided for rail line and station improvements to accommodate increased service. Rail station parking lot expansions, better access to platforms, among other improvements have been made or are underway. For schedule information on station improvement projects, please see the CAP pages on [pages 49-53](#) at the back of this report.

Segment: Anaheim Canyon Metrolink Station Improvements

Status: Design Phase Underway

Contact: Jennifer Bergener, Rail • (714) 560-5462

Summary: This OCTA-led project will include construction of a second main track and platform, lengthening the existing platform, and improved pedestrian circulation. The project will also include the addition of benches, shade structures, and ticket vending machines. The design phase began this quarter and is expected to be complete and ready to bid in July 2019. Construction of the project is expected to begin in December 2019 with completion anticipated in January 2021.

Segment: Fullerton Transportation Center Improvements

Status: Construction Phase Underway - 25% Complete

Contact: Jennifer Bergener, Rail • (714) 560-5462

Summary: Completed early on, a new 5-level parking structure was constructed to provide additional transit parking at the Fullerton Transportation Center for both intercity rail service and commuter rail passengers. This City-led project was completed on June 19, 2012. After completion, an elevator upgrade project was initiated with leftover savings. The elevator project will modify the existing pedestrian bridge to add two new traction elevators, one on each side. The City of Fullerton is the lead on this project as well. Construction began in January 2017. Shoring and excavation for the elevator pits has been completed. The project was on hold and due to start again in January 2018, after a standard moratorium BNSF has on construction projects in the last quarter of every year. Due to scheduling issues the contractor has encountered with subs and coordination with BNSF, the project encountered further delay in construction. It is anticipated construction will begin on April 9, 2018. The project has experienced similar delays in the past for the same reasons.



TRANSIT

Segment: Laguna Niguel/Mission Viejo Metrolink Station Americans with Disabilities Act (ADA) Ramps

Status: PROJECT COMPLETE

Contact: Jennifer Bergener, Rail • (714) 560-5462



Summary: The Laguna Niguel/Mission Viejo station accessibility improvements project was completed in September 2017. Improvements include new ADA-compliant access ramps on either side of the pedestrian undercrossing and a unisex ADA-compliant restroom, vending machine room, and three passenger canopies. Construction acceptance from the cities was obtained on September 20, 2017 and OCTA has turned over the maintenance responsibilities to the cities and commenced the one-year warranty. Close-out activities and final costs are underway.

Segment: Orange Transportation Center Metrolink Parking Structure

Status: Construction Phase Underway - 30% Complete

Contact: Jennifer Bergener, Rail • (714) 560-5462

Summary: This project will include a 611-space, 5-level shared use parking structure that will be located on Lemon Street between Chapman Avenue and Maple Street in Orange. Per a cooperative agreement between OCTA and the City of Orange, the City of Orange is the lead on the design phase, and OCTA is the lead on the construction phase of the project. A construction contract was awarded by the OCTA Board on June 12, 2017. Construction began on July 17, 2017. Excavations were completed in January 2018. Concrete pouring of the slab on grade began in January. The project is expected to be completed in February 2019.

Segment: Placentia Metrolink Station Improvements and Parking Structure

Status: Design Complete - Ready for Advertisement subject to BNSF construction and maintenance agreement

Contact: Jennifer Bergener, Rail • (714) 560-5462

Summary: Plans for the proposed Placentia Metrolink Station Project were near completion when the City of Placentia requested to modify them to include a parking structure to be built where surface parking had been designed. On June 27, 2016, the Board approved a new Cooperative Agreement with the City of Placentia that revised the project's scope and budget. There will now be a parking structure as part of the project and the City of Placentia will contribute towards the cost. The station will include platforms, parking, a new bus stop, and passenger amenities. OCTA is the lead for design and construction of the project. The project will also include a third track which should assist with the on-time performance of train operations and provide operational flexibility for both freight and passenger trains. BNSF will be the lead on the rail construction. Design plans have been completed and reviewed by the construction management consultant. It is anticipated that the plans will be ready to advertise in July 2018. This project's ability to move into construction is subject to finalizing a track sharing agreement with BNSF. Negotiations are underway.



TRANSIT

Segment: San Clemente Pier Station Lighting

Status: PROJECT COMPLETE

Contact: Jennifer Bergener, Rail • (714) 560-5462



Summary: This project was completed on March 17, 2017, and is in the closeout phase. OCTA was the lead for design and installation of this project which added lighting to the existing platform and new decorative hand rails at the San Clemente Pier Station.



Additional rail corridor improvements include: completed Control Point project at Fourth Street in the City of Santa Ana, which will provide rail operational efficiencies; replacement of the San Juan Creek railroad bridge in the City of San Juan Capistrano, which will also accommodate a future bike trail on the south end along the creek (design is 90 percent complete and ROW acquisition is in progress); the Railroad ROW Slope Stabilization project, which includes eight locations within the OCTA-owned LOSSAN rail corridor that have been identified for improvements to prevent future erosion and slope instability (advertised for construction and contract award planned next quarter); and continued implementation of video surveillance systems and Positive Train Control.

Segment: Laguna Niguel to San Juan Capistrano Passing Siding Project

Status: Design Phase Underway - 90% Complete

Contact: Jennifer Bergener, Rail • (714) 560-5462

Summary: Currently in the design phase, this project will add approximately 1.8-miles of new passing siding railroad track adjacent to the existing mainline track, which will enhance operational efficiency of passenger services within the LOSSAN rail corridor. The 100 percent design plans have been reviewed by SCRRA and the City of San Juan Capistrano. Final design comments from SCRRA and the city are being resolved and incorporated. Completion of the design phase is expected in second quarter of 2018 and construction is expected to begin in late-2018. This project is marked “red” in the CAP, signifying a delay of more than three months.

Segment: Sand Canyon Grade Separation

Status: PROJECT COMPLETE

Contact: Rose Casey, Capital • (714) 560-5729



Summary: The project separated the local street from railroad tracks in the City of Irvine by constructing an underpass for vehicular traffic. The westbound lanes were opened to traffic on June 12, 2014, and the eastbound lanes were opened to traffic on July 14, 2014. A road opening ceremony was held on August 11, 2014. The project is completed and construction acceptance was obtained from the City of Irvine on January 15, 2016. The project completed the one-year warranty period and no repairs were identified. The project was closed out in mid-January 2017.



TRANSIT

Segment: Tustin Metrolink Station Parking Structure

Status: PROJECT COMPLETE

Contact: Jennifer Bergener, Rail • (714) 560-5462



Summary: Also completed early on, this project provided additional parking at the Tustin Metrolink Station to meet increased requirements associated with the MSEP by constructing a new 4-story parking structure with approximately 735 spaces, plus on-site surface parking. The parking structure was opened to the public on September 22, 2011.

TRANSIT EXTENSIONS TO METROLINK ▾

In order to broaden the reach of Metrolink to other Orange County cities, communities, and activity centers, Project S includes a competitive program which allows cities to apply for funding to connect passengers to their final destination via transit extension. There are currently two areas of this program: a fixed guideway program (street car) and a rubber tire transit program.

PROJECT S

Project: OC Streetcar

Status: Design Complete, Invitation for Bid (IFB) Issued, Vehicle Manufacturer Selected

Contact: Jennifer Bergener, Rail • (714) 560-5462

Summary: The OC Streetcar Project will serve the Santa Ana Regional Transportation Center through downtown Santa Ana, and the Civic Center to Harbor Boulevard in the City of Garden Grove. OCTA is serving as the lead agency for the project.

During the reporting period, five firms were per-qualified to bid on the construction of the OC Streetcar Project. Staff continues to respond to bidders' questions on the IFB and bid opening is anticipated for next quarter.

On March 26, 2018 the OCTA Board approved Siemens Industries as the firm to provide eight streetcar vehicles contingent upon successful completion of a pre-award audit to confirm compliance with federal Buy America requirements. The Board also authorized the CEO to negotiate and execute an agreement with Siemens Industries, Inc., in the amount of \$51.5 million for the purchase of eight streetcar vehicles, spare parts, and tools, with an option to purchase up to ten additional streetcar vehicles and spare parts.

On March 23, 2018, Congress passed a \$1.3 trillion federal funding package which was signed by the President later that same day. The funding package appropriates more than \$2.6 billion for the Capital Investment Grant (CIG) program which includes over \$1.5 billion for New Starts. The FTA and the Orange County Congressional delegation continue to show strong support for the project and with the funding package in place, finalized grant approval is anticipated for Summer 2018.



TRANSIT

Work continues to progress on the Project as it relates to finalizing permits, coordination with third parties on utility relocation, finalizing the California Public Utilities Commission (CPUC) grade crossing application for CPUC approval, acquisition and possession of required ROW, finalizing of the scope of services for the O&M request for proposals, continued coordination with FTA as well as outreach to Project stakeholders and members of the community regarding the Project status.

Project: Bus and Station Van Extension Projects

Status: Service Ongoing for Anaheim Canyon Metrolink Bus Connection

Contact: Joseph Alcock, Planning • (714) 560-5372

Summary: Bus and Station Van Extension projects help enhance the frequency of service in the Metrolink corridor by linking communities within the central core of Orange County. To date, the Board has approved one round of funding for bus and van extension projects, totaling over \$730,000. One project located within the City of Anaheim and three proposals within the City of Lake Forest were approved for funding by the Board on July 23, 2012. Currently, one project is in service and three projects have been canceled. The Anaheim Canyon Metrolink Station Bus Connection began service in February 2013, and provides service between the station and the Anaheim Resort area.

METROLINK GATEWAYS ▾

Status: PROJECT COMPLETE

Contact: Jennifer Bergener, Rail • (714) 560-5462



PROJECT T

Summary: This project constructed the Anaheim Regional Transportation Intermodal Center (ARTIC) located at 2626 East Katella Avenue in the City of Anaheim. In addition to providing transit connections for OCTA bus service, Metrolink and Amtrak service, shuttle and charter bus service, taxis, bikes, and other public and private transportation services, ARTIC also accommodates future high-speed rail trains. The City of Anaheim, which led the construction effort, opened the facility to rail and bus service on December 6, 2014. A ribbon-cutting ceremony was held on December 8, 2014, with a grand opening celebration hosted on December 13, 2014. This facility replaced the former Anaheim Station that was located on the opposite side of the freeway in the Angel Stadium parking lot.



TRANSIT

EXPAND MOBILITY CHOICES FOR SENIORS AND PERSONS WITH DISABILITIES ▾

Project U expands mobility choices for seniors and persons with disabilities, and includes the SMP, the SNETM Program, and the Fare Stabilization Program. Since inception, approximately \$55.6 million in Project U funding has been provided under M2.

PROJECT U

Project: Senior Mobility Program

Status: Ongoing

Contact: Curt Burlingame, Transit • (714) 560-5921

Summary: This program provides one percent of net M2 revenues to continue and expand local community transportation service for seniors under the SMP. Since inception, more than \$16.5 million and 1,890,000 boardings have been provided for seniors traveling to medical appointments, nutrition programs, shopping destinations, and senior and community center activities. This quarter, approximately \$1,006,000 was paid* out to the 31 participating cities during the months of January and March.

Project: Senior Non-emergency Medical Transportation Program

Status: Ongoing

Contact: Curt Burlingame, Transit • (714) 560-5921

Summary: This program provides one percent of net M2 revenues to supplement existing county-wide senior non-emergency medical transportation services. Since inception, nearly \$18.0 million and 689,000 SNETM boardings have been provided. This quarter, approximately \$1,062,625 in SNETM funding was paid* to the County of Orange in the month of November.

Project: Fare Stabilization Program

Status: Ongoing

Contact: Sean Murdock, Finance • (714) 560-5685

Summary: Between years 2011-2015, one percent of net M2 revenues was dedicated to stabilize fares and provide fare discounts for bus services and specialized ACCESS services for seniors and persons with disabilities. Effective January 28, 2016, an amendment to the M2 Ordinance No. 3, adjusted this amount to 1.47 percent of net M2 revenues to be dedicated to the Fare Stabilization Program.

Approximately \$1,562,000 in revenue was allocated this quarter* to support the Fare Stabilization Program. The amount of funding utilized each quarter varies based on ridership. During the quarter, based on 3,200,000 program-related boardings recorded on fixed route and ACCESS services, approximately \$837,000 was utilized.



TRANSIT

Since inception of the program, more than \$21 million and 92,900,000 program-related boardings have been provided.

**Payments are made every other month (January, March, May, July, September, and November). July payments are based on June accruals, and therefore counted as June payments. The amount totaled for one fiscal year quarter either covers one or two payments, depending on the months that fall within that quarter.*

COMMUNITY BASED TRANSIT/CIRCULATORS ▼

Status: Service Updates

PROJECT V

Contact: Joseph Alcock, Planning • (714) 560-5372

Summary: This project establishes a competitive program for local jurisdictions to develop local bus transit services such as community based circulators and shuttles that complement regional bus and rail services, and meet needs in areas not adequately served by regional transit. On June 24, 2013, the Board approved the first round of funding for \$9.8 million to fund six projects. Funding was approved to implement vanpool services from local employment centers to transportation hubs, special event and seasonal services that operate during heavy traffic periods, and local community circulators that carry passengers between various shopping, medical, and transportation-related centers. On June 13, 2016 the Board approved the second round of Project V funding in the amount of \$26.7 million for 17 transit projects and \$323,780 for seven planning studies.

To date, the City of Garden Grove’s planning study has been canceled and the City of Westminster’s Little Saigon Shuttle and the City of La Habra’s Express services have been discontinued. On March 9, 2018, the City of Anaheim discontinued operation of Project V service between the Platinum Triangle and the Anaheim Civic Center due to low ridership. The cancellation will be included as part of the March 2018 semi-annual review staff report that will be presented to the Board on June 11, 2018. Also, on March 30, 2018, OCTA received notice from the City of Costa Mesa, of its intent to suspend its service.

OCTA receives ridership reports from local agencies on a regular basis to monitor the success of these services against performance measures adopted by the Board. Staff will continue to monitor these services to ensure the performance standards are met and anticipates the next Project V Ridership report to be presented to the Transit Committee on July 12, 2018 and Board on July 23, 2018. Lessons learned from the success of implemented services are incorporated into recommendations for future funding guidelines.

In December 2017, OCTA staff requested letters from local agencies to determine demand for a future round of Project V funding. OCTA received 13 letters of interest and OCTA staff sought Board authorization to initiate a 2018 Project V Call for Projects on February 12, 2018. Applications were due on March 23, 2018 and a total of 7 applications were received. OCTA is currently reviewing applications and funding recommendations will be presented to the Board in June 2018.



TRANSIT

SAFE TRANSIT STOPS ▼

PROJECT W

Status: City-Initiated Improvements Underway or Complete; Mobile Ticketing in Use

Contact: Joseph Alcock, Planning • (714) 560-5372

Summary: This project provides funding for passenger amenities at the 100 busiest transit stops across the County, determined by average daily weekday passenger boardings. Stop improvements are designed to ease transfers between bus lines and provide passenger amenities such as improved shelters and lighting. On July 14, 2014, the Board determined that 80 percent of available Project W funding would be designated for supporting city-initiated projects, and the remaining 20 percent would be directed towards the development and implementation of regional, customer-facing technologies that benefit the 100 busiest stops.

To date, the Board has approved up to \$1,205,666 to support 51 city-initiated improvements and \$370,000 for OCTA-initiated improvements. The City of Anaheim postponed development of eight stops and will move forward in a future funding cycle. Of the remaining 43 stops, 14 stops have been completed and the remaining 29 stop improvements are also complete but are in the project closeout process by the City of Santa Ana. Closeout of all projects is anticipated by April 2018.

For OCTA-initiated improvements, an investment was contributed towards a mobile ticketing application (app) that makes it more convenient for bus customers to purchase bus passes, obtain trip information, and board buses by allowing riders to use their smart phones to display proof of payment or “mobile ticketing.” The smart phone app was successfully launched on June 15, 2016, for OC Fair and Express Bus users and went system-wide in February 2017 - expanding mobile ticketing to include regular fixed route, college pass, and reduced fare purchases (for seniors and persons with disabilities).

Following closeout of the existing projects, staff will review the program results, seek input from the participating cities and determine next steps. Staff will develop recommendations for future funding and present to the Board later this year.

ENVIRONMENTAL

CLEAN UP HIGHWAY AND STREET RUNOFF THAT POLLUTES BEACHES ▾

Project: Environmental Cleanup Program

Status: Ongoing

PROJECT X

Contact: Dan Phu, Planning • (714) 560-5907

Summary: This program implements street and highway-related water quality improvement programs and projects that assist agencies countywide with federal Clean Water Act standards for urban runoff. It is intended to augment, not replace existing transportation-related water quality expenditures and to emphasize high-impact capital improvements over local operations and maintenance costs. The ECAC is charged with making recommendations to the Board on the allocation of funds for the ECP. These funds are allocated on a countywide, competitive basis to assist agencies in meeting the Clean Water Act standards for controlling transportation-related pollution.

Project X is composed of a two-tiered funding process focusing on early priorities (Tier 1), and a second program designed to prepare for more comprehensive capital investments (Tier 2). To date, there have been seven rounds of funding under the Tier 1 grants program. A total of 154 projects, amounting to approximately \$20.1 million, have been awarded by the Board since 2011. There have been two rounds of funding under the Tier 2 grants program. A total of 22 projects in the amount of \$27.89 million have been awarded by the Board since 2013. To date, 33 of the 34 Orange County cities plus the County of Orange have received funding under this program. The Board approved the release of the eighth Tier 1 Call for Projects on March 12, 2018 in the amount of approximately \$2.8 million.

Staff has estimated that over 6.2* million cubic feet of trash have been captured as a result of the installation of Tier 1 devices since the inception of the Tier 1 Program in 2011. This is equivalent to over 2,600 forty-foot shipping containers. Over time, the volume of trash captured is expected to increase. It is estimated that the funded Tier 2 projects, once fully functional, will have an annual groundwater recharge potential of approximately 157 million gallons of water from infiltration or through pumped and treated recharge facilities.

Staff continues to work with the ECAC and the County of Orange to recommend the appropriate timing for the next Tier 2 Call for Projects.

**Please note, the FY17-18 Q1 M2 Quarterly Progress Report inaccurately reported \$602 million in funding awarded by the Board due to a clerical error.*



ENVIRONMENTAL

FREEWAY MITIGATION ▼

Project: Environmental Mitigation Program

Status: Biological Permits Issued and Conservation Plan in Place

Contact: Dan Phu, Planning • (714) 560-5907

Summary: On June 19, 2017, the United States Fish and Wildlife Service, and the California Department of Fish and Wildlife (Wildlife Agencies) finalized the issuance of their respective biological opinion, findings, and associated permits, as well as signed the Conservation Plan Implementing Agreement. Receipt of these permits represent the culmination of years of collaboration and support by the Board, environmental community, and Wildlife Agencies. As a result, the environmental process will be streamlined allowing OCTA to move forward with the M2 freeway projects (as described in the Conservation Plan) with little additional coordination from the Wildlife Agencies. The Conservation Plan also includes a streamlined process for coordination for streambed alteration agreements. This is needed for portions of freeway projects that cross through streams and riverbeds. The OCTA Conservation Plan is unique as it is only the second state/federal conservation plan approved in Orange County.

The program is proceeding as planned, with seven properties (Preserves) acquired (1,300 acres), and 12 restoration projects approved for funding by the Board, totaling approximately 350 acres. The restoration project plans have been approved by the wildlife agencies and are currently at various stages of implementation. The Board authorized \$42 million (inclusive of setting aside funds for long-term land management) for property acquisitions, \$10.5 million to fund habitat restoration activities, and \$2.5 million for conservation plan development and program support, for a total of approximately \$55 million.

As part of the Conservation Plan requirement, an endowment has been established to pay for the long-term management of the Preserves. It is estimated that it will take up to fifteen years to fully fund the endowment, deposits are made on a fiscal year (July 1 through June 30) basis. As anticipated, the first annual deposit of \$2.9 million for the endowment was made in early 2017. A second deposit was made in August 2017. Staff will continue to oversee and manage the Preserves until a long-term manager(s) is established.

To date, five of the seven Preserve resource management plans (RMPs) have been completed and were finalized in September 2017. These RMPs guide the management of the Preserves as outlined within the Conservation Plan. OCTA publicly released the remaining two RMPs on August 31, 2017. These two RMPs were available for review and comment for a 90-day period (comment deadline was December 1, 2017).

In February, through a public input process, OCTA renamed the Preserves. The names now reflect the regional and environmental significances for OCTA's seven open space properties. The new names are as follows:

- Trabuco Rose Preserve in Trabuco Canyon, previously Ferber Ranch
- Bobcat Ridge Preserve in Trabuco Canyon, previously Hafen
- Wren's View Preserve in Trabuco Canyon, previously O'Neill Oaks



ENVIRONMENTAL

- Live Oak Creek Preserve in Trabuco Canyon, previously Saddle Creek South
- Horizon Preserve in Laguna Beach, previously Aliso Canyon
- Eagle Ridge Preserve in Brea, previously Hayashi
- Silverado Chaparral Preserve in Silverado Canyon, previously MacPherson Pacific

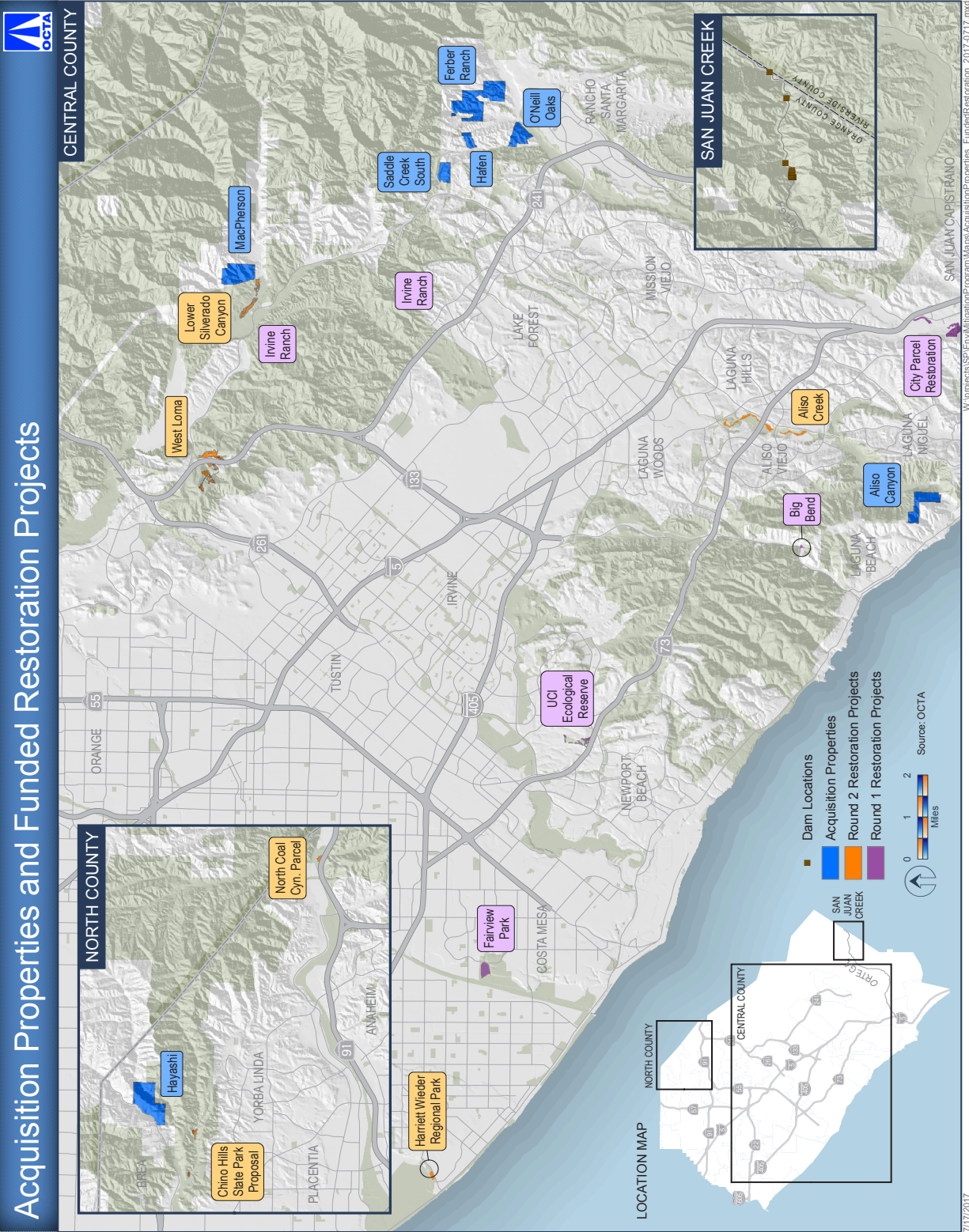
In September, the Board authorized funding to advance the streamlined federal clean water permitting requirements administered by the United States Army Corps of Engineers (Corps). Concurrently, OCTA has been working with the State Water Resources Control Board (State Board) to comply with the state clean water permit requirements. In December, the Corps issued a programmatic permit to OCTA and Caltrans (as owner/operator of the state highway system). The State Board provided a letter to OCTA in January, which further secured assurances related to advanced mitigation and freeway project permit issuance. These efforts are the result of years of collaboration between OCTA, the Corps, and State Board, and constitute another groundbreaking milestone for the M2 Environmental Mitigation Program.

OCTA provides docent led hikes and equestrian rides in the Preserves. A list of scheduled 2018 wilderness Preserve tours is available on the M2 website at www.PreservingOurLegacy.org.

As part of the safeguards in place for the M2 Program, a 12-member EOC makes recommendations on the allocation of environmental freeway mitigation funds and monitors the implementation of the Conservation Plan between OCTA and state and federal Wildlife Agencies. The EOC has led efforts with policy recommendations to the Board and has operated in an open and transparent manner that has garnered the trust of stakeholders, ranging from the environmental community to the recreational community to Orange County citizens.

See map of Preserves and funded restoration properties on the following page.

ENVIRONMENTAL





PROGRAM MANAGEMENT

PROGRAM MANAGEMENT OFFICE ▼

Contact: Tami Warren, PMO Manager • (714) 560-5590

The M2 PMO provides inter-divisional coordination for all M-related projects and programs. To ensure agency-wide compliance, the PMO holds a bi-monthly committee meeting comprised of executive directors and key staff from each of the divisions, who meet to review significant issues and activities within the M2 programs. This quarter, the focus of the PMO has been on several major items, including the following.

Next 10 Delivery Plan

On November 13, 2017, the Board adopted the Updated Next 10 Delivery Plan providing staff guidance on the delivery of M2 projects and programs between 2017 and 2026. The PMO monitors the progress on the ten deliverables identified in the Plan and reports on them in this report. See [pages 3-6](#) for status on deliverables.

M2/OC Go Awareness and Signage

Due to the 2012-2015 M2 Performance Assessment findings regarding a lack of M2 awareness and public perception, staff began developing M2 Signage Guidelines. These uniform guidelines were intended to detail signage procedures for each of the M2 programs (Freeway, Streets & Roads, Transit, and Environmental projects) and were designed to create a common brand across all modes. The effort was stalled due to concern over the continued use of Measure M in Orange County following the passage of LA Metro’s “Measure M”. Using information gleaned from focus groups conducted in 2016 and the existing Board-approved family of OCTA logos, staff presented OC Go to externally replace Measure M for the Board’s for consideration. On September 25, 2017, the Board approved the OC Go identity and signage designs. During this quarter, staff initiated the OC Go Public Awareness Program to inform OCTA’s stakeholders of the change in Measure M and has begun incorporating OC Go into outreach materials and signage. While a full transition from M2 to OC Go will take time, staff anticipates it will be substantially transitioned during 2018.

M2 Performance Assessment

The M2 ordinance includes a requirement for a performance assessment to be conducted at least once every three years to evaluate OCTA’s efficiency and effectiveness in delivery of M2 as promised to the voters. Three prior performance assessments have been completed covering fiscal years FY 2006-07 through FY 2008-09, FY 2009-10 through FY 2011-12, and FY 2012-13 through FY 2014-15. Findings and recommendations from assessments are presented to the Board and recommendations are implemented as appropriate. A fourth assessment will begin in July 2018 and cover the period between July 1, 2015 and June 30, 2018. Procurement for a consultant to conduct this effort is underway.



PROGRAM MANAGEMENT

OCTA Monitoring Structure for Federal Compliance

As a recipient and a “pass-through” agency of FTA and FHWA funding, OCTA is responsible for complying with all federal regulations. This evaluation is important to M2 projects and programs that are funded with federal monies, ensuring compliance requirements are met and internal protocols are completed efficiently. In June, OCTA selected Sjoberg Evashenk, Inc. to conduct a review of OCTA’s monitoring structure for federal compliance. The goal is to look for efficiencies and determine a preferred structure that works in OCTA’s environment. The consultant submitted a final report in February 2018. Staff developed an action plan based on the recommendations and will implement the plan in the coming year.

Market Conditions Forecast and Risk Analysis

Last quarter, the Board was presented with a Next 10 Market Conditions Forecast and Risk Analysis Report conducted by Dr. Wallace Walrod and Dr. Marlon Boarnet. The consultant’s analysis identified a strong potential for OCTA to experience an increasing cost environment during the Next 10 delivery years. This, coupled with a reduction in revenue, could present the potential for significant challenges in the delivery of M2 and Next 10.

Given this analysis, the Board directed staff to continue to work with the consultant to monitor and track key early warning indicators and provide the Board with updates in a timeline consistent with updates on the M2 sales tax revenue forecast. The scope includes providing presentations on a summary of findings from the monitoring effort to the Board bi-annually and, if noteworthy, more frequent updates will be provided through these M2 quarterly progress reports. The scope was included with the FY17-18 Q2 M2 Quarterly Progress Report to the Board. Contract procurement was completed this quarter and monitoring work is underway.

M2 Ordinance Compliance Matrix

The PMO annually reviews and updates the M2 Ordinance Compliance Matrix to ensure that OCTA complies with all the requirements in Ordinance No. 3. The annual review for January 1, 2017 to December 31, 2017 was conducted during this quarter, and the M2 Ordinance Compliance Matrix was presented to the Taxpayer Oversight Committee (TOC) Audit Subcommittee on February 13, 2018. The TOC will meet next quarter to conduct the Annual M2 Audit and determine whether OCTA is proceeding in accordance with the M2 Ordinance No. 3 and Transportation Investment Plan.

M2 Administrative Safeguards

M2 includes a one percent cap on administrative expenses for salaries and benefits of OCTA administrative staff on an annual basis. In a legal opinion on M2, it was determined that in years where administrative salaries and benefits are above one percent, only one percent can be allocated with the difference borrowed from other, non-M2 fund sources. Conversely, in years where administrative salaries and benefits are below one percent,



PROGRAM MANAGEMENT

OCTA can still allocate the full one percent for administrative salaries and benefits but may use the unused portion to repay the amount borrowed from prior years in which administrative salaries and benefits were above one percent.

Based on the original M2 revenue projections, OCTA expected to receive \$24.3 billion in M2 funds, with one percent of total revenues available to fund administrative salaries and benefits over the life of the program. As M2 revenue projections declined (currently \$13.5 billion or 44 percent lower) as a result of economic conditions, the funds available to support administrative salaries and benefits have also declined from the original expectations. While revenue has declined, the administrative effort needed to deliver M2 remains the same. Additionally, the initiation of the Early Action Plan (EAP) in 2007 required administrative functions four years prior to revenue collection. While the EAP resulted in project savings and significant acceleration of the program, administrative functions were required during this time with associated administrative costs.

As a result of the aforementioned factors, OCTA has incurred higher than one percent administrative costs. OCTA has Board approval to use funds from the Orange County Unified Transportation Trust (OCUTT) fund to cover costs above the one percent, with the understanding that those funds will be repaid with interest in future years that OCTA administrative costs fall below the one percent cap. As of June 30, 2012, OCTA had borrowed approximately \$5.2 million from OCUTT. Over the last few years, OCTA has experienced under-runs in the one percent administration cap and has made payments to OCUTT to reduce the outstanding balance. As of the most recent March 2018 Taxpayer Oversight Committee Report, the outstanding balance was \$1.7 million.

Staff meets quarterly to review all labor costs to ensure proper cost allocation under M2. After the quarter ended, staff met on April 27, 2018 to review labor reports for this quarter to ensure costs attributed to the one percent cap were accurately reported and there were no misplaced project related costs, as well as to ensure project costs were applied to the correct projects. Staff will meet again on July 18, 2018, to conduct this quarterly review.

Taxpayer Oversight Committee

The M2 Ordinance requires a TOC oversee the implementation of the M2 plan and ensure compliance with all requirements of Measure M2 Ordinance No. 3. With the exception of the elected Auditor/Controller of Orange County who is identified as the chair in the Ordinance, all other members are not elected or appointed officials. Members are recruited and screened for expertise and experience independently by the Orange County Grand Jurors Association, and are selected from the qualified pool by lottery. The TOC meets every other month. The TOC upholds the integrity of the measure by monitoring the use of M2 funds and ensuring compliance. The responsibilities of the 11-member Measure M2 TOC are to:

- Ensure all transportation revenue collected from M2 is spent on the projects approved by the voters as part of the plan
- Ratify any changes in the plan and recommend any major changes go back to the voters for approval
- Participate in ensuring that all jurisdictions in Orange County conform with the requirements of M2

PROGRAM MANAGEMENT

before receipt of any tax monies for local projects

- Hold annual public meetings regarding the expenditure and status of funds generated by M2
- Review independent audits of issues regarding the plan and performance of the Orange County local Transportation Authority regarding the expenditure of M2 sales tax monies
- Annually certify whether M2 funds have been spent in compliance with the plan.

The TOC met on February 13, 2018, to receive updated financial information on the M2 Quarterly Revenue & Expenditure Report (Dec. 17) and hear presentations on the I-5 Widening Project from SR-73 to El Toro Road, the completion of the OC Bridges projects, Project V and the Measure M Next 10 Plan. OCTA staff also provided the committee with updated information on the I-405 Improvement Project groundbreaking event, Environmental Mitigation Program, OC Go and the upcoming Annual Hearing.

Two subcommittees have been formed to assist the TOC with their safeguard responsibilities: the Annual Eligibility Review (AER) Subcommittee and the Audit Subcommittee. The AER Subcommittee meets a few times per year, as needed, to ensure local jurisdictions have submitted the following documents in order to be deemed eligible to receive M2 funding: Congestion Management Program, Mitigation Fee Program, Local Traffic Signal Synchronization Plan, Pavement Management Plan, and an Expenditure Report. The Audit Subcommittee meets bi-monthly and is responsible for reviewing the quarterly M2 Revenue and Expenditure Reports and the Annual M2 Audit, as well as any other items related to M2 audits.

M2 FINANCING AND SCHEDULE OF FUNDING ▼

Contact: Sean Murdock, Finance • (714) 560-5685

Revenue Forecast and Collection

OCTA contracts with three universities (Chapman University; University of California, Los Angeles; and California State University, Fullerton) to provide a long-range forecast of taxable sales to forecast M2 revenues for purposes of planning projects and program expenditures. In the past, OCTA has taken an average of the three university taxable sales projections to develop a long-range forecast of M2 taxable sales. On March 28, 2016, as part of the FY 2016-17 budget development process, the Board approved a new sales tax forecast methodology. This methodology includes a more conservative approach by utilizing a five-year forecast from MuniServices, Inc. Historically, MuniServices, Inc. has been more conservative than the three universities over the first five years of M2 revenue collection (2011-2016).

Revenue forecast information is updated quarterly based on the actual revenues received for the previous quarter. As required by law, OCTA pays the State Board of Equalization a fee to collect the sales tax. The M2 Ordinance estimated this fee to be 1.5 percent of the revenues collected over the life of the program.

PROGRAM MANAGEMENT

Current Forecast

Based on long term forecasts received in July 2017, OCTA staff forecasts total nominal sales tax collections over the life of M2 to be approximately \$13.5 billion. Original projections in 2005 estimated total nominal M2 sales tax collections at \$24.3 billion. Based on the current estimated forecast of \$13.5 billion, sales tax revenue will run approximately \$10.8 billion (44.5 percent) less than the original 2005 projection. The revenue forecast for the life of the M2 Program will vary as actual sales tax revenue data is incorporated.

Final sales tax receipts through the second quarter of fiscal year 2017-18 (December 31, 2017) were received at the end of the third quarter (March 2018) and reflected a growth in sales tax revenue of 3.29 percent over the same period of the prior fiscal year. The growth is in line with the budgeted sales tax growth rate of 3.3 percent for fiscal year 2017-18. Staff will continue to closely monitor sales tax receipts.

FINANCING

Schedule of Revenues, Expenditures and Changes in Fund Balance as of March 31, 2018 (Unaudited) Schedule 1

(\$ in thousands)	Quarter Ended Mar 31, 2018	Year to Date Mar 31, 2018 (A)	Period from Inception to Mar 31, 2018 (B)
Revenues:			
Sales taxes	\$ 76,338	\$ 238,091	\$ 1,997,180
Other agencies' share of Measure M2 costs:			
Project related	9,967	55,591	601,943
Non-project related	-	-	454
Interest:			
Operating:			
Project related	118	460	588
Non-project related	1,892	6,558	25,621
Bond proceeds	3,249	4,073	48,967
Debt service	55	104	227
Commercial paper	-	-	393
Right-of-way leases	2	2	909
Proceeds on sale of assets held for resale	3,009	5,084	11,888
Donated assets held for resale	-	-	2,071
Miscellaneous:			
Project related	-	-	270
Non-project related	-	-	100
Total revenues	<u>94,630</u>	<u>309,963</u>	<u>2,690,611</u>
Expenditures:			
Supplies and services:			
State Board of Equalization (SBOE) fees	901	2,702	22,193
Professional services:			
Project related	8,598	17,890	329,248
Non-project related	1,214	3,245	20,443
Administration costs:			
Project related	2,228	6,686	60,143
Non-project related:			
Salaries and Benefits	640	1,920	21,920
Other	1,235	3,705	35,283
Other:			
Project related	48	53	4,902
Non-project related	8	51	3,943
Payments to local agencies:			
Project related	32,310	76,139	807,413
Capital outlay:			
Project related	28,754	145,173	776,140
Non-project related	-	-	31
Debt service:			
Principal payments on long-term debt	7,775	7,775	42,335
Interest on long-term debt and commercial paper	10,519	21,048	157,927
Total expenditures	<u>94,230</u>	<u>286,387</u>	<u>2,281,921</u>
Excess (deficiency) of revenues over (under) expenditures	<u>400</u>	<u>23,576</u>	<u>408,690</u>
Other financing sources (uses):			
Transfers out:			
Project related	(2,052)	(5,706)	(35,623)
Transfers in:			
Project related	14	1,987	81,495
Non-project related	-	(1,973)	-
Bond proceeds	-	-	358,593
Total other financing sources (uses)	<u>(2,038)</u>	<u>(5,692)</u>	<u>404,465</u>
Excess (deficiency) of revenues over (under) expenditures and other sources (uses)	<u>\$ (1,638)</u>	<u>\$ 17,884</u>	<u>\$ 813,155</u>

FINANCING

Schedule of Revenues, Expenditures and Changes in Fund Balance as of March 31, 2018 (Unaudited) Schedule 2

<i>(\$ in thousands)</i>	Quarter Ended Mar 31, 2018 (actual)	Year to Date Mar 31, 2018 (actual) (C.1)	Period from Inception through Mar 31, 2018 (actual) (D.1)	Period from April 1, 2018 through March 31, 2041 (forecast) (E.1)	Total (F.1)
Revenues:					
Sales taxes	\$ 76,338	\$ 238,091	\$ 1,997,180	\$ 11,488,153	\$ 13,485,333
Operating interest	1,892	6,558	25,621	171,553	197,174
Subtotal	<u>78,230</u>	<u>244,649</u>	<u>2,022,801</u>	<u>11,659,706</u>	<u>13,682,507</u>
Other agencies share of M2 costs	-	-	454	-	454
Miscellaneous	-	-	100	-	100
Total revenues	<u>78,230</u>	<u>244,649</u>	<u>2,023,355</u>	<u>11,659,706</u>	<u>13,683,061</u>
Administrative expenditures:					
SBOE fees	901	2,702	22,193	122,923	145,116
Professional services	1,214	3,245	16,667	85,572	102,239
Administration costs:					
Salaries and Benefits	640	1,920	21,920	114,863	136,783
Other	1,235	3,705	35,283	189,130	224,413
Other	8	51	3,943	21,672	25,615
Capital outlay	-	-	31	-	31
Environmental cleanup	2,006	5,028	33,367	229,726	263,093
Total expenditures	<u>6,004</u>	<u>16,651</u>	<u>133,404</u>	<u>763,886</u>	<u>897,290</u>
Net revenues	<u>\$ 72,226</u>	<u>\$ 227,998</u>	<u>\$ 1,889,951</u>	<u>\$ 10,895,820</u>	<u>\$ 12,785,771</u>
<hr/>					
(C.2) (D.2) (E.2) (F.2)					
Bond revenues:					
Proceeds from issuance of bonds	\$ -	\$ -	\$ 358,593	\$ 1,885,000	\$ 2,243,593
Interest revenue from bond proceeds	3,249	4,073	48,967	96,772	145,739
Interest revenue from debt service funds	55	104	227	4,732	4,959
Interest revenue from commercial paper	-	-	393	-	393
Total bond revenues	<u>3,304</u>	<u>4,177</u>	<u>408,180</u>	<u>1,986,504</u>	<u>2,394,684</u>
Financing expenditures and uses:					
Professional services	-	-	3,776	13,195	16,971
Bond debt principal	7,775	7,775	42,335	2,195,235	2,237,570
Bond debt and other interest expense	10,519	21,048	157,927	989,846	1,147,773
Total financing expenditures and uses	<u>18,294</u>	<u>28,823</u>	<u>204,038</u>	<u>3,198,276</u>	<u>3,402,314</u>
Net bond revenues (debt service)	<u>\$ (14,990)</u>	<u>\$ (24,646)</u>	<u>\$ 204,142</u>	<u>\$ (1,211,772)</u>	<u>\$ (1,007,630)</u>

FINANCING

Schedule of Revenues, Expenditures and Changes in Fund Balance as of March 31, 2018 (Unaudited) Schedule 3

Project	Description	Net Revenues through Mar 31, 2018	Total Net Revenues
(G)		(H)	(I)
(\$ in thousands)			
Freeways (43% of Net Revenues)			
A	I-5 Santa Ana Freeway Interchange Improvements	\$ 74,493	\$ 503,953
B	I-5 Santa Ana/SR-55 to El Toro	47,580	321,886
C	I-5 San Diego/South of El Toro	99,376	672,294
D	I-5 Santa Ana/San Diego Interchange Upgrades	40,892	276,638
E	SR-22 Garden Grove Freeway Access Improvements	19,019	128,669
F	SR-55 Costa Mesa Freeway Improvements	58,009	392,440
G	SR-57 Orange Freeway Improvements	41,003	277,388
H	SR-91 Improvements from I-5 to SR-57	22,189	150,114
I	SR-91 Improvements from SR-57 to SR-55	66,013	446,588
J	SR-91 Improvements from SR-55 to County Line	55,822	377,643
K	I-405 Improvements between I-605 to SR-55	170,033	1,150,299
L	I-405 Improvements between SR-55 to I-5	50,671	342,795
M	I-605 Freeway Access Improvements	3,170	21,445
N	All Freeway Service Patrol	23,774	160,836
	Freeway Mitigation	40,634	274,894
	Subtotal Projects	812,678	5,497,882
	Net (Bond Revenue)/Debt Service	-	-
	Total Freeways	\$ 812,678	\$ 5,497,882
	%		
Street and Roads Projects (32% of Net Revenues)			
O	Regional Capacity Program	\$ 188,998	\$ 1,278,593
P	Regional Traffic Signal Synchronization Program	75,596	511,415
Q	Local Fair Share Program	340,191	2,301,439
	Subtotal Projects	604,785	4,091,447
	Net (Bond Revenue)/Debt Service	-	-
	Total Street and Roads Projects	\$ 604,785	\$ 4,091,447
	%		

FINANCING

Schedule of Revenues, Expenditures and Changes in Fund Balance as of March 31, 2018 (Unaudited) Schedule 3

Expenditures through Mar 31, 2018 <i>(J)</i>	Reimbursements through Mar 31, 2018 <i>(K)</i>	Net M2 Cost <i>(L)</i>
\$ 6,310	\$ 2,141	\$ 4,169
7,964	4,974	2,990
112,359	43,549	68,810
1,868	527	1,341
4	-	4
10,590	477	10,113
47,280	11,586	35,694
34,688	824	33,864
20,152	3,838	16,314
6,934	5,294	1,640
258,321	23,210	235,111
8,405	5,464	2,941
1,732	16	1,716
2,215	-	2,215
50,470	2,473	47,997
569,292	104,373	464,919
41,040	-	41,040
<u>\$ 610,332</u>	<u>\$ 104,373</u>	<u>\$ 505,959</u>
		36.3%
\$ 694,722	\$ 428,848	\$ 265,874
46,134	4,909	41,225
<u>326,398</u>	<u>77</u>	<u>326,321</u>
1,067,254	433,834	633,420
45,583	-	45,583
<u>\$ 1,112,837</u>	<u>\$ 433,834</u>	<u>\$ 679,003</u>
		48.7%

FINANCING

Schedule of Revenues, Expenditures and Changes in Fund Balance as of March 31, 2018 (Unaudited) Schedule 3

Project	Description	Net Revenues through Mar 31, 2018	Total Net Revenues
(G)		(H)	(I)
(\$ in thousands)			
Transit Projects (25% of Net Revenues)			
R	High Frequency Metrolink Service	\$ 175,906	\$ 1,275,191
S	Transit Extensions to Metrolink	166,839	1,128,687
T	Metrolink Gateways	28,015	65,351
U	Expand Mobility Choices for Seniors and Persons with Disabilities	59,768	443,348
V	Community Based Transit/Circulators	37,789	255,648
W	Safe Transit Stops	4,171	28,217
	Subtotal Projects	472,488	3,196,442
	Net (Bond Revenue)/Debt Service	-	-
	Total Transit Projects	\$ 472,488	\$ 3,196,442
	%		
Measure M2 Program			
		\$ 1,889,951	\$ 12,785,771
Environmental Cleanup (2% of Revenues)			
X	Clean Up Highway and Street Runoff that Pollutes Beaches	\$ 40,456	\$ 273,650
	Net (Bond Revenue)/Debt Service	-	-
	Total Environmental Cleanup	\$ 40,456	\$ 273,650
	%		
Taxpayer Safeguards and Audits			
	Collect Sales Taxes (1.5% of Sales Taxes)	\$ 29,958	\$ 202,280
	%		
	Oversight and Annual Audits (1% of Revenues)	\$ 20,228	\$ 136,825
	%		

FINANCING

Schedule of Revenues, Expenditures and Changes in Fund Balance as of March 31, 2018 (Unaudited) Schedule 3

Expenditures through Mar 31, 2018 (J)	Reimbursements through Mar 31, 2018 (K)	Net M2 Cost (L)
\$ 166,410	\$ 97,019	\$ 69,391
16,224	2,133	14,091
98,213	60,956	37,257
57,154	88	57,066
5,280	443	4,837
275	26	249
343,556	160,665	182,891
25,493	-	25,493
<u>\$ 369,049</u>	<u>\$ 160,665</u>	<u>\$ 208,384</u>
		15.0%
<u><u>\$ 2,092,218</u></u>	<u><u>\$ 698,872</u></u>	<u><u>\$ 1,393,346</u></u>
<u>\$ 33,367</u>	<u>\$ 292</u>	<u>\$ 33,075</u>
<u>-</u>	<u>-</u>	<u>-</u>
<u>\$ 33,367</u>	<u>\$ 292</u>	<u>\$ 33,075</u>
		1.6%
<u>\$ 22,193</u>	<u>\$ -</u>	<u>\$ 22,193</u>
		1.1%
<u>\$ 21,920</u>	<u>\$ 1,692</u>	<u>\$ 20,228</u>
		1.0%

LOCAL FAIR SHARE

M2 Funds		
ENTITY	3rd Quarter FY 2017-18	FUNDS TO DATE
ALISO VIEJO	\$237,659	\$4,042,175
ANAHEIM	\$2,100,157	\$35,214,627
BREA	\$335,752	\$5,859,427
BUENA PARK	\$508,622	\$9,275,729
COSTA MESA	\$874,089	\$14,807,537
CYPRESS	\$309,859	\$5,460,268
DANA POINT	\$205,517	\$3,359,070
FOUNTAIN VALLEY	\$368,818	\$6,384,469
FULLERTON	\$776,036	\$13,314,312
GARDEN GROVE	\$888,309	\$15,255,852
HUNTINGTON BEACH	\$1,156,922	\$19,854,177
IRVINE	\$1,669,709	\$27,195,748
LAGUNA BEACH	\$155,402	\$2,609,925
LAGUNA HILLS	\$203,447	\$3,489,900
LAGUNA NIGUEL	\$398,301	\$6,859,636
LAGUNA WOODS	\$74,645	\$1,311,505
LA HABRA	\$310,882	\$5,408,420
LAKE FOREST	\$478,459	\$8,049,052

LOCAL FAIR SHARE

M2 Funds		
ENTITY	3rd Quarter FY 2017-18	FUNDS TO DATE
LA PALMA	\$89,654	\$1,730,901
LOS ALAMITOS	\$77,738	\$1,327,294
MISSION VIEJO	\$553,817	\$9,595,359
NEWPORT BEACH	\$652,732	\$11,230,272
ORANGE	\$987,169	\$16,834,921
PLACENTIA	\$285,069	\$4,863,527
RANCHO SANTA MARGARITA	\$251,490	\$4,340,986
SAN CLEMENTE	\$342,840	\$5,715,474
SAN JUAN CAPISTRANO	\$226,051	\$3,886,228
SANTA ANA	\$1,680,994	\$28,451,353
SEAL BEACH	\$142,262	\$2,594,489
STANTON	\$177,917	\$3,080,380
TUSTIN	\$542,577	\$9,118,100
VILLA PARK	\$31,286	\$534,543
WESTMINSTER	\$513,008	\$8,755,962
YORBA LINDA	\$360,128	\$6,139,691
COUNTY UNINCORPORATED	\$1,159,934	\$18,921,947
TOTAL M2 FUNDS	\$19,127,251	\$324,873,259

CAPITAL ACTION PLAN

Grey = Milestone achieved

Green = Forecast milestone meets or exceeds plan

Yellow = Forecast milestone is one to three months later than plan

Red = Forecast milestone is over three months later than plan

Non-bolded = Planned/Baseline

Bold = Forecasted/Actual

Capital Projects*	Cost Baseline/ Forecast (millions)	Schedule (Plan/Forecast)			
		Begin Environmental	Begin Design	Begin Construction	Complete Construction
Freeway Projects:					
I-5, SR-55 to SR-57	\$38.1	Jul-11	Jun-15	Dec-17	Feb-20
Project A	\$39.9	Jun-11	Jun-15	Jun-18	Aug-20
I-5, I-405 to SR-55	TBD	May-14	TBD	TBD	TBD
Project B	TBD	May-14	TBD	TBD	TBD
I-5, Avenida Pico to Avenida Vista Hermosa	\$113.0	Jun-09	Jun-11	Dec-14	Aug-18
Project C	\$85.9	Jun-09	Jun-11	Dec-14	Apr-18
I-5, Avenida Vista Hermosa to Pacific Coast Highway	\$75.6	Jun-09	Jun-11	Dec-13	Mar-17
Project C	\$71.4	Jun-09	Jun-11	Jun-14	Jul-17
I-5, Pacific Coast Highway to San Juan Creek Road	\$70.7	Jun-09	Jun-11	Oct-13	Sep-16
Project C	\$71.2	Jun-09	Jun-11	Dec-13	Apr-18
I-5, SR-73 to Oso Parkway	\$151.9	Sep-11	Mar-15	Dec-18	Jan-24
Project C & D	Cost/Schedule Risk \$190.5	Oct-11	Mar-15	Oct-19	Oct-24
I-5, Oso Parkway to Alicia Parkway	\$196.2	Sep-11	Nov-14	Jun-18	Feb-23
Project C & D	Cost/Schedule Risk \$191.0	Oct-11	Nov-14	Dec-18	Aug-23
I-5, Alicia Parkway to El Toro Road	\$133.6	Sep-11	Mar-15	May-19	Jun-23
Project C	Cost/Schedule Risk \$166.5	Oct-11	Mar-15	Jun-20	Jun-24
I-5, I-5/Ortega Interchange	\$90.9	Sep-05	Jan-09	Aug-12	Sep-15
Project D	\$75.1	Sep-05	Jan-09	Aug-12	Jan-16
I-5, I-5/Ortega Interchange (Landscape)	N/A	N/A	N/A	N/A	N/A
Project D	N/A	N/A	Jan-14	Sep-15	Sep-16
I-5, I-5/El Toro Road Interchange	TBD	Apr-17	TBD	TBD	TBD
Project D	TBD	Apr-17	TBD	TBD	TBD

*Status through March 2018. For detailed project information, please refer to the individual project section within this report.

CAPITAL ACTION PLAN

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Red = Forecast milestone is over three months later than plan

Non-bolded = Planned/Baseline

Bold = Forecasted/Actual

Capital Projects*	Cost Baseline/ Forecast (millions)	Schedule (Plan/Forecast)			
		Begin Environmental	Begin Design	Begin Construction	Complete Construction
SR-55, I-405 to I-5 Project F	TBD \$410.9	Feb-11 May-11	Sep-17 Sep-17	Jul-21 Jul-21	Aug-25 Aug-25
SR-55, I-5 to SR-91 Project F	TBD TBD	Dec-16 Dec-16	TBD TBD	TBD TBD	TBD TBD
SR-57 Northbound (NB), Orangewood Avenue to Katella Avenue Project G	TBD TBD	Apr-16 Apr-16	TBD TBD	TBD TBD	TBD TBD
SR-57 (NB), Katella Avenue to Lincoln Avenue Project G	\$78.7 \$38.0	Apr-08 Apr-08	Jul-08 Aug-08	Aug-11 Oct-11	Sep-14 Apr-15
SR-57 (NB), Katella Avenue to Lincoln Avenue (Landscape) Project G	N/A N/A	N/A N/A	N/A May-09	N/A Sep-17	N/A Oct-18
SR-57 (NB), Orangethorpe Avenue to Yorba Linda Boulevard Project G	\$80.2 \$52.3	Aug-05 Aug-05	Feb-08 Feb-08	Oct-10 Oct-10	May-14 Nov-14
SR-57 (NB), Yorba Linda Boulevard to Lambert Road Project G	\$79.3 \$54.1	Aug-05 Aug-05	Feb-08 Feb-08	Oct-10 Oct-10	Sep-14 May-14
SR-57 (NB), Orangethorpe Avenue to Lambert Road (Landscape) Project G	N/A N/A	N/A N/A	N/A Oct-14	N/A Feb-18	N/A Apr-19
SR-57 (NB), Lambert Road to Tonner Canyon Project G	TBD TBD	TBD Jul-20	TBD TBD	TBD TBD	TBD TBD

*Status through March 2018. For detailed project information, please refer to the individual project section within this report.

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 Red = Forecast milestone is over three months later than plan
 Non-bolded = Planned/Baseline **Bold = Forecasted/Actual**

Capital Projects*	Cost Baseline/ Forecast (millions)	Schedule (Plan/Forecast)			
		Begin Environmental	Begin Design	Begin Construction	Complete Construction
SR-91 Westbound (WB), I-5 to SR-57 Project H	\$78.1 \$59.7	Jul-07 Jul-07	Oct-09 Mar-10	Nov-12 Jan-13	Apr-16 Jun-16
SR-91 Westbound (WB), I-5 to SR-57 (Landscape) Project H	N/A N/A	N/A N/A	N/A Nov-14	N/A Mar-17	N/A Nov-17
SR-91, SR-57 to SR-55 Project I	TBD TBD	Jan-15 Jan-15	TBD TBD	TBD TBD	TBD TBD
SR-91 (WB), Tustin Interchange to SR-55 Project I	\$49.9 \$42.8	Jul-08 Jul-08	Jul-11 Jun-11	Oct-13 Oct-13	Jul-16 Jul-16
SR-91, SR-55 to SR-241 Project J	\$128.4 \$79.7	Jul-07 Jul-07	Jun-09 Apr-09	Sep-11 May-11	Dec-12 Mar-13
SR-91, SR-55 to SR-241 (Landscape) Project J	N/A N/A	N/A N/A	N/A May-12	N/A Oct-13	N/A Feb-15
SR-91 Eastbound, SR-241 to SR-71 Project J	\$104.5 \$57.8	Mar-05 Mar-05	Jul-07 Jul-07	Jul-09 Aug-09	Nov-10 Jan-11
I-405, SR-55 to I-605 (Design-Build) Project K	\$1,900.0 \$1,900.0	Mar-09 Mar-09	Mar-14 Mar-14	Nov-16 Nov-16	May-23 May-23
I-405, I-5 to SR-55 Project L	TBD TBD	Dec-14 Dec-14	TBD TBD	TBD TBD	TBD TBD
I-605, I-605/Katella Interchange Project M	TBD TBD	Aug-16 Aug-16	TBD TBD	TBD TBD	TBD TBD

*Status through March 2018. For detailed project information, please refer to the individual project section within this report.

CAPITAL ACTION PLAN

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Bold = Forecasted/Actual

Capital Projects*	Cost Baseline/ Forecast (millions)	Schedule (Plan/Forecast)			
		Begin Environmental	Begin Design	Begin Construction	Complete Construction
Grade Separation Projects:					
Kraemer Boulevard Railroad Grade Separation	\$70.4	Jan-01	Jan-09	Aug-11	Oct-14
Project O	\$64.1	Jan-01	Feb-09	Sep-11	Dec-14
Lakeview Avenue Railroad Grade Separation	\$70.2	Jan-01	Feb-09	May-13	Mar-17
Project O	\$110.6	Jan-01	Feb-09	Nov-13	Jun-17
Orangethorpe Avenue Railroad Grade Separation	\$117.4	Jan-01	Feb-09	May-12	Sep-16
Project O	\$108.6	Jan-01	Feb-09	Jan-13	Oct-16
Placentia Avenue Railroad Grade Separation	\$78.2	Jan-01	Jan-09	Jun-11	Nov-14
Project O	\$64.6	Jan-01	Jan-09	Jul-11	Dec-14
Raymond Avenue Railroad Grade Separation	\$77.2	Feb-09	Mar-10	May-13	Aug-18
Project O Cost/Schedule Risk	\$127.6	Feb-09	Mar-10	Feb-14	Aug-18
State College Boulevard Railroad Grade Separation (Fullerton) Project O	\$73.6	Dec-08	Jul-06	May-13	May-18
	\$97.0	Dec-08	Jul-06	Feb-14	Jan-18
Tustin Avenue/Rose Drive Railroad Grade Separation	\$103.0	Jan-01	Feb-09	Aug-12	May-16
Project O	\$98.3	Jan-01	Feb-09	Feb-13	Oct-16
Sand Canyon Avenue Railroad Grade Separation	\$55.6	N/A	Jan-04	Feb-11	May-14
Project R	\$62.1	N/A	Jan-04	Feb-11	Jan-16
17th Street Railroad Grade Separation	TBD	Oct-14	TBD	TBD	TBD
Project R	TBD	Oct-14	TBD	TBD	TBD

*Status through March 2018. For detailed project information, please refer to the individual project section within this report.

CAPITAL ACTION PLAN

Grey = Milestone achieved

Green = Forecast milestone meets or exceeds plan

Yellow = Forecast milestone is one to three months later than plan

Red = Forecast milestone is over three months later than plan

Non-bolded = Planned/Baseline

Bold = Forecasted/Actual

Capital Projects*	Cost Baseline/ Forecast (millions)	Schedule (Plan/Forecast)			
		Begin Environmental	Begin Design	Begin Construction	Complete Construction
Rail and Station Projects:					
Rail-Highway Grade Crossing Safety Enhancement	\$94.4	Jan-08	Jan-08	Aug-09	Dec-11
Project R	\$90.4	Jan-08	Jan-08	Aug-09	Dec-11
San Clemente Beach Trail Safety Enhancements	\$6.0	Sep-10	Feb-12	Oct-12	Jan-14
Project R	Cost/Schedule Risk \$5.0	Sep-10	Feb-12	May-13	Mar-14
Anaheim Canyon Station	\$27.9	Jan-16	Mar-19	TBD	TBD
Project R	Cost/Schedule Risk \$27.9	Jan-16	Mar-18	Nov-19	Feb-21
Fullerton Transportation Center - Elevator Upgrades	\$3.5	N/A	Jan-12	Sep-14	Mar-17
Project R	Cost/Schedule Risk \$4.6	N/A	Jan-12	Apr-15	Sep-18
Laguna Niguel/Mission Viejo Station ADA Ramps	\$3.5	Jul-13	Jul-13	Jan-15	Apr-17
Project R	\$5.2	Jul-13	Jul-13	Oct-15	Sep-17
Orange Transportation Center Metrolink Parking Structure	\$33.2	Dec-09	Nov-10	Nov-16	Feb-19
Project R	Cost/Schedule Risk \$32.3	Dec-09	Nov-10	Jun-17	Feb-19
Placentia Metrolink Station and Parking Structure	\$34.8	Jan-03	Oct-08	TBD	TBD
Project R	\$34.8	Jan-03	Oct-08	Nov-18	Jun-20
Laguna Niguel to San Juan Capistrano Passing Siding	\$25.3	Aug-11	Mar-15	Dec-16	Jan-19
Project R	\$30.8	Aug-11	Mar-15	Nov-18	Dec-20
Anaheim Regional Transportation Intermodal Center	\$227.4	Apr-09	Jun-09	Jul-12	Nov-14
Project R & T	Cost/Schedule Risk \$232.2	Apr-09	Jun-09	Sep-12	Dec-14
OC Streetcar	\$310.4	Aug-09	Feb-16	Aug-18	Aug-21
Project S	\$310.4	Aug-09	Feb-16	Aug-18	Aug-21

*Status through March 2018. For detailed project information, please refer to the individual project section within this report.

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January 2018

FREEWAY IMPROVEMENT PROGRAM

Interstate 5 (I-5) Projects

- A** I-5, SR-55 to SR-57
- B** I-5, El Toro "Y" Area to SR-55
- C** I-5, SR-73 to El Toro Road
- C** I-5, Avenida Pico to San Juan Creek Road
- D** I-5 Highway Interchanges

State Route 22 (SR-22) Projects

- E** SR-22 Access Improvements

State Route 55 (SR-55) Projects

- F** SR-55, I-405 to I-5
- F** SR-55, I-5 to SR-91

State Route 57 (SR-57) Projects

- G** SR-57 NB, Orangewood Avenue to Katella Avenue
- G** SR-57 NB, Katella Avenue to Lincoln Avenue
- G** SR-57 NB, Orangethorpe Avenue to Lambert Road
- G** SR-57 NB, Lambert Road to Tonner Canyon Road

State Route 91 (SR-91) Projects

- H** SR-91 WB, I-5 to SR-57
- I** SR-91, SR-57 to SR-55
- J** SR-91, SR-55 to Riverside County Line

Interstate 405 (I-405) Projects

- K** I-405, I-605 to SR-73
- L** I-405, SR-55 to El Toro "Y" Area

Interstate 605 (I-605) Projects

- M** I-605 Katella Interchange Improvements

Freeway Mitigation Restoration Projects
Part of Projects A-M

Freeway Mitigation Acquisition Projects
Part of Projects A-M

STREETS & ROADS

- O** Grade Separation Program (shown)
- P** Signal Synchronization Project Corridors

TRANSIT PROJECTS

- R** Grade Separation and Station Improvement Projects
- S** Transit Extensions to Metrolink
- T** Metrolink Station Conversion to accept Future High-Speed Rail Systems

OC GO PROJECTS NOT SHOWN

Project N: Freeway Service Patrol

Project O: Streets & Roads - Regional Capacity Program

Project Q: Local Fair Share Program

Project R: Grade crossing and Trail Safety Enhancements
Metrolink Service Expansion Program

Project U: Senior Mobility Program (SMP), Senior Non-emergency Medical Transportation Program (SNEMT), and Fare Stabilization Programs

Project V: Community Based Transit/Circulators

Project W: Safe Transit Stops

Project X: Environmental Cleanup Program

*Information
Items*



April 23, 2018

To: Members of the Board of Directors

From: Darrell E. Johnson, Chief Executive Officer

Subject: Taxpayer Oversight Committee Measure M2 Annual Public Hearing Results and Compliance Finding

Overview

As called for by the Measure M2 Ordinance, the Taxpayer Oversight Committee is required to review annual audits and conduct an annual hearing to determine whether the Orange County Transportation Authority is proceeding in accordance with the Investment Plan. The annual public hearing took place on April 10, 2018.

Recommendation

Receive and file as an information item.

Background

The Measure M2 (M2) Taxpayer Oversight Committee (TOC) is mandated by the M2 Ordinance. The TOC is an independent committee representing all five supervisorial districts in Orange County. The TOC is responsible for ensuring that transportation projects in M2 are implemented according to the Investment Plan approved by the voters in 2006. The TOC meets bimonthly to review progress on the implementation of M2.

The TOC is required to hold a public hearing annually to receive comments from citizens regarding M2 as part of its oversight efforts to determine whether the Orange County Transportation Authority (OCTA), acting as the Orange County Local Transportation Authority (OCLTA), is proceeding in accordance with the M2 Transportation Ordinance and Investment Plan.

The results of the hearing and the finding of the TOC are transmitted to the OCTA Board of Directors annually. The TOC has consistently found OCTA in compliance for the past 26 years.

Discussion

The 27th Annual Public Hearing took place on April 10, 2018. The hearing was publicized through news releases, public notices, and posted on OCTA's social media sites and the *On the Move* blog.

Following the public hearing and review of the annual financial audit of OCLTA and all other information the committee members have been provided to date, the TOC made the determination at its April 10, 2018 meeting that during 2017, OCTA has proceeded in accordance with the M2 Transportation Ordinance and Investment Plan. Eric Woolery, Chairman of the TOC, prepared an official letter stating its findings (Attachment A).

Additionally, in accordance with M2 Ordinance No. 3, Section 10, Paragraph 3, Chairman Woolery certified that the revenues, through fiscal year ending June 30, 2017, have been spent in compliance with the Ordinance.

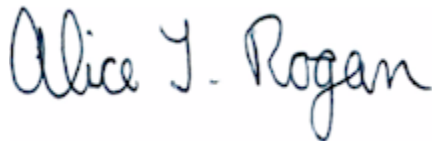
Summary

Subsequent to bimonthly meetings and the M2 Annual Public Hearing on April 10, 2018, the TOC has determined that OCTA is proceeding in accordance with the M2 Transportation Ordinance and Investment Plan.

Attachment

- A. Memo to Lisa Bartlett, Chairwoman, Orange County Transportation Authority, from Eric Woolery, Chair, Measure M2 Taxpayer Oversight Committee, dated April 10, 2018, Subject – 27th Measure M2 Annual Public Hearing

Prepared by:



Alice T. Rogan
Director, Marketing and Public Outreach
714-560-5577

Approved by:



Lance M. Larson
Executive Director,
External Affairs
(714) 560-5908

Measure M2 Taxpayer Oversight Committee

April 10, 2018

To: Lisa Bartlett, Chairwoman
Board of Directors
Orange County Transportation Authority

From: Taxpayer Oversight Committee

Subject: 27th Measure M2 Annual Public Hearing

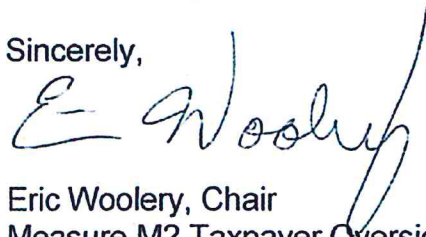
In accordance with Attachment C "Taxpayer Oversight Committee," the Taxpayer Oversight Committee (TOC) is required to conduct an annual public hearing to determine whether the Orange County Transportation Authority (Authority) is proceeding in accordance with the Renewed Measure M (M2) Transportation Ordinance and Investment Plan.

The TOC conducted the annual public hearing on April 10, 2018. No items were presented at the hearing to indicate that the Authority was not proceeding in accordance with the M2 Transportation Ordinance and Investment Plan during 2017.

Based upon the above-mentioned hearing, 2016/17 Local Transportation Authority (LTA) financial audit results and all other information the TOC has to date, the TOC hereby finds the Authority is proceeding in accordance with the M2 Transportation Ordinance and Investment Plan.

Also, in accordance with Ordinance No. 3, Section 10, Paragraph 2, I certify that the M2 revenues, through fiscal year ending June 30, 2017, have been spent in compliance with the M2 Transportation Ordinance and Investment Plan.

Sincerely,



Eric Woolery, Chair
Measure M2 Taxpayer Oversight Committee
Orange County Auditor-Controller



COMMITTEE TRANSMITTAL

May 14, 2018

To: Members of the Board of Directors
From: *Lu*
Laurena Weinert, Clerk of the Board
Subject: Capital Programs Division – Third Quarter Fiscal Year 2017-18
Capital Action Plan Performance Metrics

Executive Committee Meeting of May 7, 2018

Present: Chairwoman Bartlett, Vice Chairman Shaw, and Directors Do, Hennessey, M. Murphy, Murray, and Nelson
Absent: None

Committee Vote

Following the discussion, no action was taken on this receive and file as an information item.

Staff Recommendation

Receive and file as an information item.



May 7, 2018

To: Executive Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Capital Programs Division - Third Quarter Fiscal Year 2017-18
Capital Action Plan Performance Metrics

A handwritten signature in blue ink, appearing to read "Darrell Johnson", is positioned to the right of the "From:" field.

Overview

The Orange County Transportation Authority's Strategic Plan key strategies and objectives to achieve the goals for Mobility and Stewardship include delivery of all Capital Action Plan projects on time and within budget. The Capital Action Plan is used to create a performance metric to assess capital project delivery progress on highway, grade separation, rail, and facility projects. This report provides an update on the Capital Action Plan delivery and performance metrics.

Recommendation

Receive and file as an information item.

Background

The Orange County Transportation Authority (OCTA) Capital Programs Division is responsible for project development and delivery of highway, grade separation, rail, and facility projects from the beginning of the environmental approval phase through construction completion. Project delivery commitments reflect defined project scope, costs, and schedules. Project delivery commitments shown in the Capital Action Plan (CAP) are key strategies and objectives to achieve the Strategic Plan goals for Mobility and Stewardship.

This report is a quarterly update on the CAP performance metrics, which are a snapshot of the planned CAP project delivery milestones in the budgeted fiscal year (FY).

Discussion

The Capital Programs Division objective is to deliver projects on schedule and within the approved project budget. Key project cost and schedule commitments

are captured in the CAP, which is regularly updated with new projects and project status (Attachment A). The CAP is categorized into four key project groupings; freeway projects, grade separation projects, rail and station projects, and facility projects. Schedule milestones are used as performance indicators of progress in project delivery. The CAP performance metrics provides a FY snapshot of the milestones targeted for delivery in the budgeted FY, and provides transparency and performance measurement of capital project delivery.

The CAP project costs represent the total cost of the project across all phases of project delivery, including support costs, and right-of-way (ROW) and construction capital costs. Baseline costs, if established, are shown in comparison to either the actual or forecast cost. Baseline costs may be shown as to-be-determined (TBD) if project scoping studies and estimates have not been developed or approved, and may be updated as project delivery progresses and milestones are achieved. Projects identified in the Orange County local transportation sales tax Measure M2 (M2) are identified with the corresponding M2 project letter. The CAP status update is also included in the M2 Quarterly Report.

The CAP summarizes the very complex capital project critical path delivery schedules into eight key milestones.

Begin Environmental	The date work on the environmental clearance, project report, or preliminary engineering phase begins.
Complete Environmental	The date environmental clearance and project approval is achieved.
Begin Design	The date final design work begins, or the date when a design-build contract begins.
Complete Design	The date final design work is 100 percent complete and approved.
Construction Ready	The date contract bid documents are ready for advertisement, including certification of ROW, all agreements executed, and contract constraints cleared.
Advertise for Construction	The date a construction contract is advertised for bids.

Award Contract	The date the construction contract is awarded.
Construction Complete	The date all construction work is completed, and the project is open to public use.

These delivery milestones reflect progression across the project delivery phases shown below.



Project schedules reflect approved milestone dates in comparison to forecast or actual milestone dates. Milestone dates may be shown as TBD if project scoping or approval documents have not been finalized and approved, or if the delivery schedule has not been negotiated with the agency or consultant implementing the specific phase of a project. Planned milestone dates can be revised to reflect new dates from approved baseline schedule changes. On a monthly basis, actual dates are updated when milestones are achieved, and forecast dates are updated to reflect project delivery status.

CAP milestones achieved in the third quarter FY 2017-18 include:

Freeway and Railroad Grade Separation Projects

- The advertise construction milestone for the addition of a second high-occupancy vehicle (HOV) lane on Interstate 5 (I-5) between State Route 55 and State Route 57 (SR-57) was achieved. Construction bids are planned to be opened on May 8, 2018.
- The advertise construction and award contract milestones for the SR-57 northbound landscape replacement planting between Orangethorpe Avenue and Lambert Road were achieved and the project is now under construction.
- The West County HOV Connectors projects landscape replacement planting construction was completed in February 2018.
- The State College Boulevard railroad grade separation construction was completed on January 31, 2018.

- Final design work began on the Anaheim Canyon Metrolink Station project which will add a second passenger rail platform and an additional station track.

The following CAP milestones missed the planned delivery through the third quarter of FY 2017-18.

Freeway Projects

- The complete environmental milestone for the State Route 241 direct connector to the 91 Express Lanes has been delayed to assess shifting traffic patterns and to account for modifications to corridor transportation plans.
- The complete design milestone for the I-5 widening between State Route 73 (SR-73) and Oso Parkway has been delayed. The California Department of Transportation (Caltrans) continues ROW acquisition activities to obtain possession of the needed ROW and make the project construction ready by February 2019. Although OCTA's consultant has completed design, ROW acquisition is the project delivery schedule critical path. Caltrans has requested the final design not be submitted to Caltrans for final construction contract packaging until approximately six months prior to the planned February 2019 construction ready milestone. This will allow any Caltrans requested design updates due to changes to standards and/or specifications to be incorporated into the final design submittal while Caltrans is completing the ROW acquisition.

Rail and Station Projects

- The Laguna Niguel/San Juan Capistrano railroad passing siding complete design, construction ready, and advertise construction milestones are delayed. Design has been delayed because the City of San Juan Capistrano (City) requested that all work within OCTA railroad ROW comply with the City National Pollution Discharge Elimination System permitting requirements. For all projects within OCTA railroad ROW, OCTA typically obtains and complies with the State and Regional Water Quality Control Board construction general permit requirements and associated post-construction operating conditions. After approximately a three-month delay, the City has concurred with OCTA's use of the construction general permit within OCTA railroad ROW and final design reviews, concurrences, and permitting are underway. The complete design and construction ready milestones will be completed in the fourth quarter, and the advertise construction milestone has been moved into the first quarter of FY 2018-19.

- The Placentia Metrolink Station construction ready, advertise construction, and award contract milestones have been missed. As reported last quarter, final approval of the station, City of Placentia acquisition of required BNSF ROW, and finalization of the BNSF railroad construction and maintenance agreement remain to be completed. The project schedule is being re-assessed, and the planned advertisement for construction has been moved into FY 2018-19.

Recap of FY 2017-18 Performance Metrics

The CAP and performance metrics snapshot provided at the beginning of FY 2017-18 includes 28 planned major project delivery milestones to be accomplished through the third quarter. The performance metrics update reflects milestones achieved and missed through the third quarter (Attachments A and B). Six milestones were completed in the third quarter, and 21 milestones have been achieved through three quarters of FY 2017-18 (75 percent of the planned milestones). Six of the seven missed milestones are attributable to the Laguna Niguel/San Juan Capistrano railroad passing siding and Placentia Metrolink Station.

FY 2017-18 Cost and Performance Metric Look Ahead and Risks

The combined cost value for the three segments of I-5 widening between SR-73 and El Toro Road require that a Cost Estimate Review (CER) be prepared by Caltrans and the Federal Highway Administration (FHWA). Caltrans and FHWA have conducted the CER which employed an annual 4.2 percent construction escalation rate to the planned construction schedule midpoint, which results in significant cost estimate increases. Staff is continuing to assess local market unit prices and appropriate use of escalation rates, and is providing comments on the draft CER assumptions and results to Caltrans.

The OC Streetcar construction bid date has been extended to June 19, 2018, and a contract award recommendation is planned to be brought to the Board of Directors in August 2018. Feedback from the construction industry indicated additional time was needed to prepare responsive bids given both the complexity of scope, as well as limited availability of contractor estimating and bidding resources to prepare bids. Extending the contract award date will also provide additional time needed by the Federal Transit Administration to process and approve the OC Streetcar Full Funding Grant Agreement. These changes did not impact the planned October 1, 2018 notice to proceed for construction.

Summary

Significant capital project delivery progress continues to be made and reflected in the CAP. Staff will continue to manage project costs, schedules, and risks across all project phases to meet project delivery commitments and report quarterly.

Attachments

- A. Capital Action Plan, Status Through March 2018
- B. Capital Programs Division, Fiscal Year 2017-18 Performance Metrics Through March 2018

Prepared by:

















A handwritten signature in blue ink, appearing to read "James G. Beil".

James G. Beil, P.E.
Executive Director, Capital Programs
(714) 560-5646

Capital Action Plan

Status Through March 2018

Updated: April 20, 2018















Capital Projects	Cost Baseline/Forecast (millions)	Schedule Plan/Forecast							
		Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
Freeway Projects:									
 I-5, Pico to Vista Hermosa Project C	\$113.0 \$85.9	Jun-09 Jun-09	Dec-11 Oct-11	Jun-11 Jun-11	Oct-13 Oct-13	Feb-14 May-14	Oct-14 Sep-14	Dec-14 Dec-14	Aug-18 Apr-18
 I-5, Vista Hermosa to Pacific Coast Highway Project C	\$75.6 \$71.4	Jun-09 Jun-09	Dec-11 Oct-11	Jun-11 Jun-11	Feb-13 May-13	Jun-13 Aug-13	Oct-13 Feb-14	Dec-13 Jun-14	Mar-17 Jul-17
 I-5, Pacific Coast Highway to San Juan Creek Road Project C	\$70.7 Cost/Schedule Risk \$71.2	Jun-09 Jun-09	Dec-11 Oct-11	Jun-11 Jun-11	Jan-13 Jan-13	May-13 Apr-13	Aug-13 Aug-13	Oct-13 Dec-13	Sep-16 Apr-18
 I-5, I-5/Ortega Interchange Project D	\$90.9 \$75.1	Sep-05 Sep-05	Jun-09 Jun-09	Jan-09 Jan-09	Nov-11 Dec-11	Mar-12 Apr-12	Jun-12 Jun-12	Aug-12 Aug-12	Sep-15 Jan-16
 I-5, I-5/Ortega Interchange (Landscape) Project D	N/A N/A	N/A N/A	N/A N/A	N/A Jan-14	N/A Oct-14	N/A Feb-15	N/A Aug-15	N/A Sep-15	N/A Sep-16
 I-5, SR-73 to Oso Parkway Project C & D	\$151.9 Cost/Schedule Risk \$190.5	Sep-11 Oct-11	Jun-14 May-14	Mar-15 Mar-15	Jan-18 Aug-18	May-18 Feb-19	Aug-18 Jun-19	Dec-18 Oct-19	Jan-24 Oct-24
 I-5, Oso Parkway to Alicia Parkway Project C & D	\$196.2 Cost/Schedule Risk \$191.0	Sep-11 Oct-11	Jun-14 May-14	Nov-14 Nov-14	Jun-17 Dec-17	Dec-17 Jun-18	Feb-18 Aug-18	Jun-18 Dec-18	Feb-23 Aug-23
 I-5, Alicia Parkway to El Toro Road Project C	\$133.6 Cost/Schedule Risk \$166.5	Sep-11 Oct-11	Jun-14 May-14	Mar-15 Mar-15	Jun-18 Apr-19	Dec-18 Oct-19	Jan-19 Feb-20	May-19 Jun-20	Jun-23 Jun-24
 I-5, I-5/El Toro Road Interchange Project D	TBD TBD	Apr-17 Apr-17	Nov-19 Nov-19	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
 I-5, I-405 to SR-55 Project B	TBD TBD	May-14 May-14	Aug-18 Dec-18	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
 I-5, SR-55 to SR-57 Project A	\$38.1 Cost/Schedule Risk \$39.9	Jul-11 Jun-11	Jun-13 Apr-15	Jun-15 Jun-15	Mar-17 Jun-17	Jul-17 Dec-17	Sep-17 Mar-18	Dec-17 Jun-18	Feb-20 Aug-20
 SR-55, I-405 to I-5 Project F	TBD Cost/Schedule Risk \$410.9	Feb-11 May-11	Nov-13 Aug-17	Sep-17 Sep-17	Apr-20 Apr-20	Dec-20 Dec-20	Apr-21 Apr-21	Jul-21 Jul-21	Aug-25 Aug-25
 SR-55, I-5 to SR-91 Project F	TBD TBD	Dec-16 Dec-16	Jan-20 Jan-20	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
 SR-57 Northbound (NB), Orangewood Avenue to Katella Avenue Project G	TBD TBD	Apr-16 Apr-16	Dec-18 Dec-18	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
 SR-57 (NB), Katella Avenue to Lincoln Avenue Project G	\$78.7 \$38.0	Apr-08 Apr-08	Jul-09 Nov-09	Jul-08 Aug-08	Nov-10 Dec-10	Mar-11 Apr-11	May-11 Jul-11	Aug-11 Oct-11	Sep-14 Apr-15
 SR-57 (NB), Katella Avenue to Lincoln Avenue (Landscape) Project G	N/A N/A	N/A N/A	N/A N/A	N/A May-09	N/A Jul-10	N/A Jun-17	N/A Jul-17	N/A Sep-17	N/A Oct-18

ATTACHMENT A

Capital Action Plan

Status Through March 2018
















Updated: April 20, 2018

Capital Projects	Cost	Schedule							
	Baseline/Forecast	Plan/Forecast							
	(millions)	Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
 SR-57 (NB), Orangethorpe Avenue to Yorba Linda Boulevard Project G	\$80.2 \$52.3	Aug-05 Aug-05	Dec-07 Dec-07	Feb-08 Feb-08	Dec-09 Jul-09	Apr-10 Dec-09	Jun-10 May-10	Oct-10 Oct-10	May-14 Nov-14
 SR-57 (NB), Yorba Linda Boulevard to Lambert Road Project G	\$79.3 \$54.1	Aug-05 Aug-05	Dec-07 Dec-07	Feb-08 Feb-08	Dec-09 Jul-09	Apr-10 Mar-10	Jun-10 May-10	Oct-10 Oct-10	Sep-14 May-14
 SR-57 (NB), Orangethorpe Avenue to Lambert Road (Landscape) Project G	N/A N/A	N/A N/A	N/A N/A	N/A Oct-14	N/A Aug-17	N/A Dec-17	N/A Jan-18	N/A Feb-18	N/A Apr-19
 SR-57 (NB), Lambert Road to Tonner Canyon	TBD TBD	TBD Jul-20	TBD Jan-23	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
 SR-91 Westbound (WB), I-5 to SR-57 Project H	\$78.1 \$59.7	Jul-07 Jul-07	Apr-10 Jun-10	Oct-09 Mar-10	Feb-12 Apr-12	Jul-12 Aug-12	Aug-12 Oct-12	Nov-12 Jan-13	Apr-16 Jun-16
 SR-91 Westbound (WB), I-5 to SR-57 (Landscape) Project H	N/A N/A	N/A N/A	N/A N/A	N/A Nov-14	N/A Aug-16	N/A Dec-16	N/A Feb-17	N/A Mar-17	N/A Nov-17
 SR-91, SR-57 to SR-55 Project I	TBD TBD	Jan-15 Jan-15	Oct-18 Aug-19	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
 SR-91 (WB), Tustin Interchange to SR-55 Project I	\$49.9 \$42.8	Jul-08 Jul-08	Jul-11 May-11	Jul-11 Jun-11	Mar-13 Feb-13	Jul-13 Apr-13	Aug-13 Jun-13	Oct-13 Oct-13	Jul-16 Jul-16
 SR-91, SR-55 to SR-241 Project J	\$128.4 \$79.7	Jul-07 Jul-07	Jul-09 Apr-09	Jun-09 Apr-09	Jan-11 Aug-10	Apr-11 Dec-10	Jun-11 Feb-11	Sep-11 May-11	Dec-12 Mar-13
 SR-91, SR-55 to SR-241 (Landscape) Project J	N/A N/A	N/A N/A	N/A N/A	N/A May-12	N/A Feb-13	N/A Apr-13	N/A Jul-13	N/A Oct-13	N/A Feb-15
 SR-91 Eastbound, SR-241 to SR-71 Project J	\$104.5 \$57.8	Mar-05 Mar-05	Dec-07 Dec-07	Jul-07 Jul-07	Dec-08 Dec-08	Mar-09 May-09	May-09 Jun-09	Jul-09 Aug-09	Nov-10 Jan-11
91 Express Lanes to SR-241 Toll Connector	TBD TBD	N/A Nov-13	N/A TBD	N/A Dec-16	N/A TBD	N/A TBD	N/A TBD	N/A TBD	N/A TBD
 I-405, I-5 to SR-55 Project L	TBD TBD	Dec-14 Dec-14	Jul-18 Jul-18	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
 I-405, SR-55 to I-605 (Design-Build) Project K	\$1,900.0 \$1,900.0	Mar-09 Mar-09	Mar-13 May-15	Mar-14 Mar-14	Nov-15 Nov-15	Feb-16 Feb-16	Mar-16 Mar-16	Nov-16 Nov-16	May-23 May-23
I-405/SR-22 HOV Connector	\$195.9 \$120.3	N/A N/A	N/A N/A	Sep-07 Sep-07	Sep-09 Jun-09	Mar-10 Sep-09	May-10 Feb-10	Aug-10 Jun-10	Aug-14 Mar-15
I-405/I-605 HOV Connector	\$260.4 \$172.6	N/A N/A	N/A N/A	Sep-07 Sep-07	Sep-09 Sep-09	Mar-10 Feb-10	May-10 May-10	Oct-10 Oct-10	Jan-15 Mar-15
I-405/SR-22/I-605 HOV Connector (Landscape)	N/A N/A	N/A N/A	N/A N/A	N/A Jun-08	N/A May-09	N/A Feb-16	N/A May-16	N/A Jul-16	N/A Feb-18
 I-605, I-605/Katella Interchange Project M	TBD TBD	Aug-16 Aug-16	Nov-18 Nov-18	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD

Capital Action Plan

Status Through March 2018

Updated: April 20, 2018

Capital Projects	Cost	Schedule							
	Baseline/Forecast (millions)	Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
Grade Separation Projects:									
 Sand Canyon Avenue Railroad Grade Separation	\$55.6	N/A	Sep-03	Jan-04	Jul-10	Jul-10	Oct-10	Feb-11	May-14
Project R	\$62.1	N/A	Sep-03	Jan-04	Jul-10	Jul-10	Oct-10	Feb-11	Jan-16
 Raymond Avenue Railroad Grade Separation	\$77.2	Feb-09	Nov-09	Mar-10	Aug-12	Nov-12	Feb-13	May-13	Aug-18
Project O Cost/Schedule Risk	\$127.6	Feb-09	Nov-09	Mar-10	Dec-12	Jul-13	Oct-13	Feb-14	Aug-18
 State College Boulevard Railroad Grade Separation (Fullerton)	\$73.6	Dec-08	Jan-11	Jul-06	Aug-12	Nov-12	Feb-13	May-13	May-18
Project O	\$97.0	Dec-08	Apr-11	Jul-06	Feb-13	May-13	Sep-13	Feb-14	Jan-18
 Placentia Avenue Railroad Grade Separation	\$78.2	Jan-01	May-01	Jan-09	Mar-10	May-10	Mar-11	Jun-11	Nov-14
Project O	\$64.6	Jan-01	May-01	Jan-09	Jun-10	Jan-11	Mar-11	Jul-11	Dec-14
 Kraemer Boulevard Railroad Grade Separation	\$70.4	Jan-01	Sep-09	Jan-09	Jul-10	Jul-10	Apr-11	Aug-11	Oct-14
Project O	\$64.1	Jan-01	Sep-09	Feb-09	Jul-10	Jan-11	Jun-11	Sep-11	Dec-14
 Orangethorpe Avenue Railroad Grade Separation	\$117.4	Jan-01	Sep-09	Feb-09	Dec-11	Dec-11	Feb-12	May-12	Sep-16
Project O	\$108.6	Jan-01	Sep-09	Feb-09	Oct-11	Apr-12	Sep-12	Jan-13	Oct-16
 Tustin Avenue/Rose Drive Railroad Grade Separation	\$103.0	Jan-01	Sep-09	Feb-09	Dec-11	Mar-12	May-12	Aug-12	May-16
Project O	\$98.3	Jan-01	Sep-09	Feb-09	Jul-11	Jun-12	Oct-12	Feb-13	Oct-16
 Lakeview Avenue Railroad Grade Separation	\$70.2	Jan-01	Sep-09	Feb-09	Oct-11	Oct-12	Feb-13	May-13	Mar-17
Project O	\$110.6	Jan-01	Sep-09	Feb-09	Jan-13	Apr-13	Sep-13	Nov-13	Jun-17
 17th Street Railroad Grade Separation	TBD	Oct-14	Jun-16	TBD	TBD	TBD	TBD	TBD	TBD
Project R	TBD	Oct-14	Nov-17	TBD	TBD	TBD	TBD	TBD	TBD
Rail and Station Projects:									
 Rail-Highway Grade Crossing Safety Enhancement	\$94.4	Jan-08	Oct-08	Jan-08	Sep-08	Sep-08	Sep-08	Aug-09	Dec-11
Project R	\$90.4	Jan-08	Oct-08	Jan-08	Sep-08	Sep-08	Sep-08	Aug-09	Dec-11
 San Clemente Beach Trail Safety Enhancements	\$6.0	Sep-10	Jul-11	Feb-12	Apr-12	Apr-12	Jul-12	Oct-12	Jan-14
Project R	\$5.0	Sep-10	Jul-11	Feb-12	Jun-12	Jun-12	Oct-12	May-13	Mar-14
 San Juan Capistrano Passing Siding	\$25.3	Aug-11	Jan-13	Mar-15	May-16	May-16	Aug-16	Dec-16	Jan-19
Cost/Schedule Risk	\$30.8	Aug-11	Mar-14	Mar-15	May-18	May-18	Jul-18	Nov-18	Dec-20
 OC Streetcar	\$310.4	Aug-09	Mar-12	Feb-16	Sep-17	Oct-17	Dec-17	Aug-18	Aug-21
Project S Cost/Schedule Risk	\$310.4	Aug-09	Mar-15	Feb-16	Nov-17	Dec-17	Dec-17	Aug-18	Aug-21
 Placentia Metrolink Station and Parking Structure	\$34.8	Jan-03	May-07	Oct-08	Jan-11	TBD	TBD	TBD	TBD
Project R Cost/Schedule Risk	\$34.8	Jan-03	May-07	Oct-08	Feb-11	Jul-18	Jul-18	Nov-18	Jun-20
Anaheim Canyon Station	\$27.9	Jan-16	Dec-16	Mar-19	TBD	TBD	TBD	TBD	TBD
	\$27.9	Jan-16	Jun-17	Mar-18	May-19	May-19	Jul-19	Nov-19	Feb-21
Orange Station Parking Expansion	\$33.2	Dec-09	Dec-12	Nov-10	Apr-13	Jul-16	Jul-16	Nov-16	Feb-19
Cost/Schedule Risk	\$32.3	Dec-09	May-16	Nov-10	Apr-16	Jul-16	Jul-16	Jun-17	Feb-19
 Fullerton Transportation Center - Elevator Upgrades	\$3.5	N/A	N/A	Jan-12	Dec-13	Dec-13	Jun-14	Sep-14	Mar-17
Cost/Schedule Risk	\$4.6	N/A	N/A	Jan-12	Dec-13	Dec-13	Aug-14	Apr-15	Sep-18

Capital Action Plan

Status Through March 2018

Updated: April 20, 2018



Capital Projects	Cost	Schedule							
	Baseline/Forecast	Plan/Forecast							
	(millions)	Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
Laguna Niguel/Mission Viejo Station ADA Ramps	\$3.5	Jul-13	Jan-14	Jul-13	Aug-14	Aug-14	Sep-14	Jan-15	Apr-17
	\$5.2	Jul-13	Feb-14	Jul-13	Jul-15	Jul-15	Jul-15	Oct-15	Sep-17
Anaheim Regional Transportation Intermodal Center	\$227.4	Apr-09	Feb-11	Jun-09	Feb-12	Feb-12	May-12	Jul-12	Nov-14
Project R & T	\$232.2	Apr-09	Feb-12	Jun-09	May-12	May-12	May-12	Sep-12	Dec-14

Note: Costs associated with landscape projects are included in respective freeway projects.

Grey = Milestone achieved

Green = Forecast milestone meets or exceeds plan

Yellow = Forecast milestone is one to three months later than plan

Red = Forecast milestone is over three months later than plan

Begin Environmental: The date work on the environmental clearance, project report, or preliminary engineering phase begins.

Complete Environmental: The date environmental clearance and project approval is achieved.

Begin Design: The date final design work begins, or the date when a design-build contract begins.

Complete Design: The date final design work is 100 percent complete and approved.

Construction Ready: The date contract bid documents are ready for advertisement, including certification of right-of-way, all agreements executed, contract constraints are cleared.

Advertise for Construction: The date a construction contract is both funded and advertised for bids.

Award Contract: The date the construction contract is awarded.

Construction Complete: The date all construction work is completed and the project is open to public use.

Acronyms

I-5 - Santa Ana Freeway (Interstate 5)

SR-73 - San Joaquin Freeway (State Route 73)

SR-55 - Costa Mesa Freeway (State Route 55)

SR-57 - Orange Freeway (State Route 57)

SR-91 - Riverside Freeway (State Route 91)

SR-22 - Garden Grove Freeway (State Route 22)

I-405 - San Diego Freeway (Interstate 405)

SR-241 - Foothill/Eastern Transportation Corridor (State Route 241)

I-605 - San Gabriel River Freeway (Interstate 605)

ADA - Americans with Disabilities Act

Capital Programs Division Fiscal Year 2017-18 Performance Metrics Through March 2018

Begin Environmental

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
No "Begin Environmental" milestones scheduled for fiscal year 2017-18									
Total Forecast/Actual	0	0	0	0	0	0	0	0	0

Complete Environmental

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-55, I-405 to I-5	X	✔							
17th Street Railroad Grade Separation			X	✔					
91 Express Lanes to SR-241 Toll Connector					X				
Total Forecast/Actual	1	1	1	1	1	0	0	0	3

Begin Design

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-55, I-405 to I-5	X	✔							
Anaheim Canyon Metrolink Station					X	✔			
Total Forecast/Actual	1	1	0	0	1	1	0	0	2

Complete Design

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-57 (Northbound), Orangethorpe Avenue to Lambert Road Landscape	X	✔							
OC Streetcar	X			✔					
I-5, Oso Parkway to Alicia Parkway			X	✔					
San Juan Capistrano Passing Siding			X						
I-5, SR-73 to Oso Parkway					X				
Total Forecast/Actual	2	1	2	2	1	0	0	0	5

Construction Ready

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
Placentia Metrolink Station and Parking Structure	X								
I-5, SR-55 to SR-57			X	✔					
SR-57 (Northbound), Orangethorpe Avenue to Lambert Road Landscape			X	✔					
San Juan Capistrano Passing Siding			X						
OC Streetcar			X	✔					
I-5, Oso Parkway to Alicia Parkway							X		
Total Forecast/Actual	1	0	4	3	0	0	1	0	6

Advertise Construction

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-57 (Northbound), Katella Avenue to Lincoln Avenue Landscape	X	✔							
OC Streetcar			X	✔					
Placentia Metrolink Station and Parking Structure			X						
I-5, SR-55 to SR-57					X	✔			
SR-57 (Northbound), Orangethorpe Avenue to Lambert Road Landscape					X	✔			
San Juan Capistrano Passing Siding					X				
Total Forecast/Actual	1	1	2	1	3	2	0	0	6

Capital Programs Division Fiscal Year 2017-18 Performance Metrics Through March 2018

Award Contract

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst
SR-57 (Northbound), Katella Avenue to Lincoln Avenue Landscape		✔	X						
SR-57 (Northbound), Orangethorpe Avenue to Lambert Road Landscape					X	✔			
Placentia Metrolink Station and Parking Structure					X				
I-5, SR-55 to SR-57							X		
OC Streetcar							X		
Total Forecast/Actual	0	1	1	0	2	1	2	0	5

Complete Construction

Project Description	FY 18 Qtr 1		FY 18 Qtr 2		FY 18 Qtr 3		FY 18 Qtr 4		FY 18
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst
I-5, Vista Hermosa to Pacific Coast Highway	X	✔							
Laguna Niguel/Mission Viejo Station ADA Ramps		✔	X						
I-405/SR-22/I-605 HOV Connector Landscape					X	✔			
State College Boulevard Railroad Grade Separation (Fullerton)					X	✔			
I-5, Pico to Vista Hermosa							X		
I-5, Pacific Coast Highway to San Juan Creek Road							X		
SR-91 (Westbound), I-5 to SR-57 Landscape				✔			X		
Total Forecast/Actual	1	2	1	1	2	2	3	0	7

Totals	7	7	11	8	10	6	6	0	34
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Begin Environmental: The date work on the environmental clearance, project report, or preliminary engineering phase begins.

Complete Environmental: The date environmental clearance and project approval is achieved.

Begin Design: The date final design work begins or the date when a design-build contract begins.

Complete Design: The date final design work is 100 percent complete and approved.

Construction Ready: The date contract bid documents are ready for advertisement, right-of-way certified, all agreements executed, and contract constraints are cleared.

Advertise for Construction: The date a construction contract is both funded and advertised for bids.

Award Contract: The date the construction contract is awarded.

Construction Complete: The date all construction work is completed and the project is open to public use.

Acronyms

I-5 - Santa Ana Freeway (Interstate 5)

SR-73 - San Joaquin Freeway (State Route 73)

SR-55 - Costa Mesa Freeway (State Route 55)

SR-57 - Orange Freeway (State Route 57)

SR-22 Garden Grove Freeway (State Route 22)

SR-91 - Riverside Freeway (State Route 91)

I-605 - San Gabriel River Freeway (Interstate 605)

I-405 - San Diego Freeway (Interstate 405)

SR-241 - Foothill/Eastern Transportation Corridor (State Route 241)

ADA - Americans with Disability Act

HOV - high-occupancy vehicle

X = milestone forecast in quarter

✔ = milestone accomplished in quarter