



# Capital Funding Program Report

Pending Board of Directors (Board) Approval - June 10, 2019

Bus Transit Project

Project Title	M Code	Total Funding	State Funds		Federal Funds		Local Funds		
			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other
Go Local - Step 1	S	\$5,730					\$5,730		
Mobile ticketing equipment	S	\$4,036	\$2,482						\$1,554
Project V Community Circulators	V	\$43,659						\$43,659	
Project W Safe Transit Stops (City)	W	\$1,206						\$1,206	
Project W Safe Transit Stops (OCTA)	W	\$370						\$370	
ACCESS and fixed-route radio systems upgrade		\$22,465		\$16,239		\$4,775			\$1,451
Associated Transportation Improvements		\$556				\$556			
Bus replacement - articulated alternative fuel buses (60')		\$31,105			\$22,250	\$8,855			
Bus replacement (40' and ACCESS)		\$149,009			\$29,198	\$68,139			\$51,672
Capital cost of contracting (ACCESS and contracted fixed-route contracts)		\$305,784				\$142,164			\$163,620
Engine rebuild		\$16,294				\$14,824			\$1,470
FTA Section 5310 Enhanced Mobility of Seniors & Individuals with Disabilities		\$3,657				\$3,657			
FTA Section 5316 Jobs Access and Reverse Commute		\$13,962				\$13,962			
FTA Section 5317 New Freedom		\$6,388				\$6,388			
Goldenwest Transportation Center parking structure		\$4,000			\$3,400				\$600
Goldenwest Transportation Center surface lot		\$2,000		\$1,200					\$800
Heating ventilation unit replacements		\$448	\$67			\$381			
iShuttle replacement buses		\$6,600	\$5,673						\$927
Mobile Source Air Pollution Reduction Review Committee County Transportation Commission Partnership Program		\$2,319	\$176						\$2,143
Non-fixed-route paratransit operations assistance		\$240,952				\$48,486			\$192,466
OCTA Transit Security & Operations Center <sup>1</sup>		\$5,914		\$5,914					
Preventive maintenance - including salaries and benefits (includes ATN & Laguna Beach)		\$147,691				\$147,691			
Purchase (201) 40-foot alternative fuel replacement buses (OCTA)		\$229,384			\$134,670	\$47,696			\$47,018
Purchase replacement paratransit vans		\$58,058				\$44,292			\$13,766
Rideshare/vanpool		\$6,732			\$6,732				
Six Bravo! 529 buses		\$3,595	\$3,046		\$549				
Ten zero emission hydrogen fuel cell buses		\$12,914	\$5,607						\$7,307
Transit Security Program <sup>2</sup>		\$3,167		\$3,167					
Vanpool Program - capital lease		\$12,838			\$12,838				
VSS upgrades at OCTA facilities – Santa Ana, Garden Grove, Anaheim, & Irvine bases and administration <sup>3</sup>		\$1,159		\$199		\$960			
Zero Emission Bravo! Buses (Five Battery Electric) and Bus Infrastructure		\$6,852	\$6,852						
<b>Bus Transit Project Totals</b>		<b>\$1,348,844</b>	<b>\$23,903</b>	<b>\$26,719</b>	<b>\$209,637</b>	<b>\$552,826</b>	<b>\$5,730</b>	<b>\$45,235</b>	<b>\$484,794</b>
<b>State Funding Total</b>		<b>\$50,622</b>							
<b>Federal Funding Total</b>		<b>\$762,463</b>							
<b>Local Funding Total</b>		<b>\$535,759</b>							
<b>Total Funding (000's)</b>		<b>\$1,348,844</b>							

## Project Updates:

1. Reduce Proposition 1B TSSSDRA funding by \$1.858 million per proposed Board action.
2. Reduce Proposition 1B TSSSDRA funding by \$830,000 per proposed Board action.
3. Reduce Proposition 1B TSSSDRA funding by \$289,000 per proposed Board action.

Acronyms - STIP - State Transportation Improvement Program / RSTP - Regional Surface Transportation Program / CMAQ - Congestion Mitigation Air Quality / M1 - Measure M1 / M2 - Measure M2 / OCTA - Orange County Transportation Authority / FTA - Federal Transit Administration / ATN - Anaheim Transportation Network / VSS - Video Surveillance System / LCTOP - Low Carbon Transit Operations Program / TSSSDRA - Transit System Safety, Security and Disaster Response Account



# Capital Funding Program Report

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## Local Road Project

Project Title	M Code	Total Funding	State Funds		Federal Funds		Local Funds		
			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other
State-Local Partnership Program (SLPP) formula grant call	M1/Q	\$54,445		\$24,945			\$1,280	\$27,249	\$971
M2 Project O Regional Capacity Program call	O	\$274,838		\$22,979				\$251,859	
Raymond Avenue grade separation <sup>5,7</sup>	O	\$126,317		\$95,351				\$23,250	\$7,716
SR-57 truck climbing lane phase I - Lambert Road interchange improvement	O	\$121,500	\$74,705			\$7,719		\$19,254	\$19,822
M2 Project P Regional Signal Synchronization Program call	P	\$87,807	\$6,845					\$80,962	
M2 Project Q Fair Share Program (FY 2016-17 through FY 2021-22)	Q	\$361,621						\$361,621	
M2 Project X Environmental Clean Up	X	\$50,413						\$50,413	
Active Transportation Program - regional call <sup>6</sup>		\$45,484	\$92		\$311	\$39,744			\$5,337
Active Transportation projects		\$17,784	\$15,650						\$2,134
ARRA transportation enhancements		\$6,833				\$4,049	\$500		\$2,284
Arterial Pavement Management Program		\$50,888			\$19,930				\$30,958
Atlanta Avenue widening		\$4,160			\$2,278				\$1,882
Bicycle Corridor Improvement Program <sup>1, 2, 3, 4</sup>		\$75,259			\$52,525				\$22,734
Bristol Street widening		\$44,750							\$44,750
Local Agency American Reinvestment and Recovery Act of 2009 rehabilitation projects		\$32,369				\$32,369			
M1 Combined Transportation Funding Program (CTFP)		\$34,000					\$34,000		
SCAG Sustainability Planning Grants		\$720				\$671			\$49
Traffic Signal Improvements		\$15,000	\$12,000						\$3,000
Transportation Enhancement Activities		\$22,172				\$15,628			\$6,544
Del Obispo widening	M1	\$6,419			\$3,740				\$2,679
<b>Local Road Project Totals</b>		<b>\$1,432,779</b>	<b>\$109,292</b>	<b>\$143,275</b>	<b>\$78,784</b>	<b>\$100,180</b>	<b>\$35,780</b>	<b>\$814,608</b>	<b>\$150,860</b>
<b>State Funding Total</b>		<b>\$252,567</b>							
<b>Federal Funding Total</b>		<b>\$178,964</b>							
<b>Local Funding Total</b>		<b>\$1,001,248</b>							
<b>Total Funding (000's)</b>		<b>\$1,432,779</b>							

## Local Road Project Completed

Project Title	M Code	Total Funding	State Funds		Federal Funds		Local Funds		
			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other
Grand Avenue widening, 1st Street to 4th Street	O	\$12,537			\$6,708				\$5,829
Kraemer Boulevard grade separation	O	\$63,462	\$1,460	\$15,513	\$22,044			\$22,613	\$1,832
Lakeview Avenue grade separation	O	\$107,998		\$27,520	\$35,411	\$9,709		\$24,783	\$10,575
Orangethorpe Avenue grade separation	O	\$104,404		\$30,324	\$38,240	\$18,600		\$14,543	\$2,697
Placentia grade separation	O	\$64,444	\$6,040	\$27,346				\$27,356	\$3,702
State College grade separation	O	\$97,712		\$34,785	\$27,376	\$13,290		\$11,243	\$11,018
Tustin Avenue/Rose Drive grade separation	O	\$95,743		\$22,962	\$53,376			\$17,642	\$1,763
M2 Fair Share State - Local Partnership Grant Program	Q	\$7,032		\$3,516				\$3,516	



# Capital Funding Program Report

## Local Road Project Completed

Project Title	M Code	Total Funding	State Funds		Federal Funds		Local Funds		
			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other
Antonio Parkway widening		\$32,553			\$15,499				\$17,054
Firestone Boulevard widening at Artesia Boulevard		\$2,468			\$2,059				\$409
I-5 at La Paz interchange improvements	M1	\$8,942			\$2,800		\$1,792		\$4,350
Imperial Highway Smart Streets	M1	\$1,900		\$200			\$200		\$1,500
Traffic Light Synchronization Program (TLSP), county-wide - Proposition 1B	M1	\$8,000		\$4,000			\$4,000		
<b>Local Road Project Totals</b>		<b>\$607,195</b>	<b>\$7,500</b>	<b>\$166,166</b>	<b>\$203,513</b>	<b>\$41,599</b>	<b>\$5,992</b>	<b>\$121,696</b>	<b>\$60,729</b>
<b>State Funding Total</b>		<b>\$173,666</b>							
<b>Federal Funding Total</b>		<b>\$245,112</b>							
<b>Local Funding Total</b>		<b>\$188,417</b>							
<b>Total Funding (000's)</b>		<b>\$607,195</b>							

### Board Actions

1. Orange County Transportation Authority state and federal grant programs - update and recommendations: approve one project cancellation from the City of Costa Mesa and authorize staff to reprogram savings to the 2019 BCIP.
2. Funding recommendations for the 2019 BCIP: Approve 12 projects for \$20.40 million in CMAQ funds, contingent on the Caltrans' approval of project eligibility.
3. Funding recommendations for the 2019 BCIP: approve conditional award of four projects in the City of Santa Ana for \$4.37 million in CMAQ funds, contingent on completion and consideration of the Bristol Street Transit Corridor Study, and Caltrans' approval of project eligibility.
4. Funding recommendations for the 2019 BCIP: approve conditional award of one project in the City of San Clemente for \$1.08 million in CMAQ funds, contingent on Master Plan of Arterial Highways amendment approval, and Caltrans' approval of project eligibility.
5. Capital programming update: authorize the use of up to \$3.818 million in Proposition 1B TSSSDRA Program (\$3.280 million) and Proposition 1B Public Transportation Modernization, Improvement and Service Enhancement Account (\$0.538 million) funding for the Raymond Avenue Railroad Grade Separation Project from the following projects contingent on the approval of the funding agencies:
  - Transit Security Operations Center project design phase (\$1.857 million)
  - Video Surveillance System Upgrade project (\$0.373 million)
  - Generator at bus bases (\$0.450 million)
  - Goldenwest Transportation Center light poles project (\$0.380 million)
  - San Juan Creek Bridge project right-of-way phase (\$0.101 million)
  - Interest earned on Proposition 1B TSSSDRA Program funds (\$0.119 million)
  - Interest earned on Proposition 1B Public Transportation Modernization, Improvement and Service Enhancement Account funds (\$0.538 million)

### Project Updates

6. Project funding updated to include previous California Transportation Commission actions which, resulted in an overall funding decrease of \$0.227 million.
7. \$3.100 million in additional TSSSDRA funding in Action 1 offset M2 funds. Increased total project cost by \$1.084 million.

### Acronyms:

STIP - State Transportation Improvement Program  
RSTP/CMAQ - Regional Surface Transportation Program/Congestion Mitigation and Air Quality Improvement Program  
M1 - Measure M1  
M2 - Measure M2  
M Code - Project codes in M2 Program  
SR-57 - State Route 57  
FY- Fiscal Year  
ARRA - American Recovery and Reinvestment Act  
SCAG - Southern California Association of Governments  
SR - State Route  
I-5 - Interstate 5  
BCIP - Bicycle Corridor Improvement Program  
Caltrans - California Department of Transportation  
TSSSDRA - Transit System Safety, Security and Disaster Response Account



# Capital Funding Program Report

Pending Board of Directors (Board) Approval - June 10, 2019

## Rail Project

Project Title	M Code	Total Funding	State Funds		Federal Funds		Local Funds		
			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other
Fullerton Transportation Center parking expansion	M1/R	\$33,667	\$11,250	\$11,035			\$9,718		\$1,664
Orange Transportation Center parking structure	M1/R	\$33,175	\$13,762		\$4,073	\$3,298	\$1,850	\$420	\$9,772
Sand Canyon Avenue grade separation	M1/R	\$62,050		\$28,192	\$10,536		\$3,116	\$5,352	\$14,854
OC Streetcar (New Starts)	M1/S	\$407,760	\$25,518		\$54,465	\$162,213		\$165,564	
OC Streetcar preliminary studies and environmental	M1/S	\$7,014				\$341	\$4,977	\$554	\$1,142
Anaheim Canyon Station improvements	R	\$27,906			\$25,413			\$2,000	\$493
Control Point at 4th Street	R	\$2,985				\$2,985			
Future VSS	R	\$217				\$174			\$43
Laguna Niguel to San Juan Capistrano Passing Siding	R	\$34,060	\$3,000	\$6,734	\$22,756	\$1,015			\$555
Metrolink preventive maintenance capitalized operation	R	\$56,874				\$56,874			
Metrolink rehabilitation/renovation - FY 2011-12 to FY 2022-23	R	\$160,962				\$160,962			
Metrolink station and track improvements, and rehabilitation	R	\$2,230				\$1,784			\$446
Placentia Commuter Rail Station	R	\$34,825	\$2,500	\$400	\$50			\$8,000	\$23,875
Positive Train Control (Metrolink)	R	\$39,916		\$34,190		\$5,726			
San Juan Creek Bridge replacement <sup>2</sup>	R	\$36,018		\$59		\$34,784		\$1,175	
Slope stabilization Laguna Niguel-Lake Forest	R	\$5,168				\$4,834		\$334	
State College grade separation (LOSSAN)	R	\$79,284		\$46,000				\$33,284	
Ticket vending machines	R	\$6,857							\$6,857
VSS at Commuter Rail Stations <sup>1</sup>	R	\$4,409		\$56		\$3,594			\$759
M2 Project S Transit extensions to Metrolink (Rubber Tire)	S	\$733						\$733	
<b>Rail Project Totals</b>		<b>\$1,036,110</b>	<b>\$56,030</b>	<b>\$126,666</b>	<b>\$117,293</b>	<b>\$438,584</b>	<b>\$19,661</b>	<b>\$217,416</b>	<b>\$60,460</b>
<b>State Funding Total</b>		<b>\$182,696</b>							
<b>Federal Funding Total</b>		<b>\$555,877</b>							
<b>Local Funding Total</b>		<b>\$297,537</b>							
<b>Total Funding (000's)</b>		<b>\$1,036,110</b>							

## Rail Project Completed

Project Title	M Code	Total Funding	State Funds		Federal Funds		Local Funds		
			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other
Laguna Niguel-Mission Viejo Station parking improvements and expansion (ADA ramps)	M1/R	\$5,177			\$2,800	\$732	\$1,645		
Metrolink Grade Crossing Safety Improvements (OCX)	M1/R	\$80,618		\$18,250			\$7,600	\$30,710	\$24,058
Metrolink rolling stock	M1/R	\$158,009		\$36,300	\$42,230	\$35,390	\$44,089		
Metrolink Service Track Expansion	M1/R	\$119,957		\$51,399			\$68,558		
M2 Project S Fixed-Guideway Anaheim Rapid Connection	M1/S	\$9,924				\$1,516	\$6,000	\$1,286	\$1,122
Anaheim Regional Intermodal Transportation Center (ARTIC) construction	M1/T	\$184,164	\$29,219		\$33,250	\$40,754	\$43,900	\$35,291	\$1,750
Fullerton Transportation Station expansion planning, environmental PSR	M1/T	\$0			\$0		\$0		
Santa Ana grade separation planning and environmental PSR	M1/T	\$1,333			\$1,180		\$153		



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			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other
Santa Ana Transportation Station planning and environmental PSR	M1/T	\$1,003			\$888		\$115		
17th Street grade separation environmental	R	\$2,476						\$2,476	
Control Point Stadium Crossover	R	\$6,490		\$3,245		\$3,245			
LOSSAN Corridor grade separations PSR in Anaheim, Orange, and Santa Ana	R	\$2,699						\$2,699	
Metrolink grade crossing safety improvements ROW	R	\$3,025						\$3,025	
North Beach crossings safety enhancements	R	\$348		\$166				\$182	
Rail Crossing signal lights and pedestrian gates	R	\$252		\$252					
Rail Station Platform safety improvements (Fullerton, Irvine, and Tustin)	R	\$553		\$553					
Safety repairs for San Clemente Pier Station	R	\$122		\$122					
San Clemente Beach Trail Crossings safety enhancements	R	\$4,999		\$2,170				\$2,251	\$578
Transit Rail Security (monitors, fencing, video surveillance)	R	\$163		\$163					
Go Local	S	\$7,730					\$7,730		
ARTIC environmental, ROW, program management support, site plan	M1	\$41,369					\$8,869		\$32,500
Fiber Optics installation (Metrolink)	M1	\$23,183		\$10,479		\$10,903	\$1,801		
Laguna Niguel-Mission Viejo Station parking expansion (south lot)	M1	\$4,135		\$695			\$3,440		
Tustin Rail Station parking expansion	M1	\$15,390	\$1,100	\$7,181			\$7,109		
<b>Rail Project Totals</b>		<b>\$673,119</b>	<b>\$30,319</b>	<b>\$130,975</b>	<b>\$80,348</b>	<b>\$92,540</b>	<b>\$201,009</b>	<b>\$77,920</b>	<b>\$60,008</b>
<b>State Funding Total</b>		<b>\$161,294</b>							
<b>Federal Funding Total</b>		<b>\$172,888</b>							
<b>Local Funding Total</b>		<b>\$338,937</b>							
<b>Total Funding (000's)</b>		<b>\$673,119</b>							

### Acronyms:

M Code - Project Codes in Measure M1 and M2  
 STIP - State Transportation Improvement Program  
 RSTP - Regional Surface Transportation Program  
 CMAQ - Congestion Mitigation and Air Quality Improvement Program  
 M1 - Measure M1  
 M2 - Measure M2  
 PSR - Project Study Report  
 LOSSAN - Los Angeles-San Diego-San Luis Obispo Rail Corridor  
 OCX - Rail-Highway Grade Crossing/Safety Enhancement Project  
 ROW - Right-of-Way  
 FTA - Federal Transit Administration  
 OCTA - Orange County Transportation Authority  
 ADA - Americans with Disabilities Act  
 TSSSDRA - Transit System Safety, Security and Disaster Response Account

### Project Updates:

1. Reduced Prop 1B TSSSDRA funding by \$84,000 per proposed Board action.
2. Reduced Prop 1B TSSSDRA funding by \$0.101 million per proposed Board action.