



Capital Funding Program Report

Pending Board of Directors (Board) Approval - November 26, 2018

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	\$35,089						\$35,089	
Project W Safe Transit Stops (City)	W	\$1,207						\$1,207	
Project W Safe Transit Stops (OCTA)	W	\$370						\$370	
10 Zero Emission Hydrogen Fuel Cell Buses		\$12,914	\$5,607						\$7,307
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)		\$474,865				\$189,946			\$284,919
Central Harbor Transit Study		\$641	\$97		\$544				
Engine rebuild		\$16,294				\$14,824			\$1,470
Five Hydrogen Fuel Cell Bravo! Buses		\$5,412	\$4,330		\$1,082				
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						
I-Shuttle Replacement Buses		\$6,600	\$5,673			\$381			\$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 ¹		\$7,772		\$7,772					
Preventive maintenance - including salaries and benefits (includes ATN & Laguna Beach)		\$212,133				\$212,133			
Rideshare/vanpool		\$6,732			\$6,732				
Six Bravo! 529 Buses		\$3,595	\$3,046		\$549				
Three Planning Studies		\$1,050			\$647				\$403
Transit Security Program		\$3,997		\$3,997					
Transit System Study Pilot Project		\$6,000			\$6,000				
Vanpool Program - capital lease		\$12,838			\$12,838				
VSS Upgrades at OCTA Facilities - Santa Ana, Garden Grove, Anaheim, & Irvine Bases and Administration ²		\$1,588		\$628		\$960			
Bus Transit Project Totals		\$1,295,724	\$21,478	\$29,836	\$83,240	\$573,062	\$5,730	\$36,666	\$545,712

ATTACHMENT B

Board Actions:

1. Capital Programming Update: authorize the use of up to \$1.512 million in TSSSDRA, from 2017 VSS Upgrade Project.
2. Capital Programming Update: Decrease TSSSDRA by \$1.512 million in TSSSDRA for the OCTA Transit Security and Operations Center.

State Funding Total	\$51,314
Federal Funding Total	\$656,302
Local Funding Total	\$588,108
Total Funding (000's)	\$1,295,724



Capital Funding Program Report

Pending Board of Directors (Board) Approval - November 26, 2018

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	
Measure M2 Project O Regional Capacity Program Call for Projects		O	\$254,629		\$22,979				\$231,650		
Raymond Avenue Grade Separation ¹		O	\$125,599		\$91,533				\$26,350	\$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	\$86,217	\$6,845					\$79,372		
M2 Project Q Fair Share Program (FY 16-17 through FY 21-22)		Q	\$341,947						\$341,947		
Measure M2 Project X Environmental Clean Up		X	\$43,214						\$43,214		
Active Transportation Program - Regional Call			\$45,711	\$92		\$311	\$39,928			\$5,380	
Active Transportation Projects			\$17,784	\$15,650						\$2,134	
ARRA Transportation Enhancements			\$6,833					\$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			\$33,975			\$28,323				\$5,652	
Bristol Street Widening			\$44,750							\$44,750	
Local Agency American Reinvestment and Recovery Act of 2009 Rehab 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	
Local Road Project Totals			\$1,342,332	\$109,292	\$139,457	\$54,582	\$100,364	\$35,780	\$769,036	\$133,821	

State Funding Total	\$248,749
Federal Funding Total	\$154,946
Local Funding Total	\$938,637
Total Funding (000's)	\$1,342,332

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 2		O	\$107,998		\$27,520	\$35,411	\$9,709			\$24,783	\$10,575
Orangethorpe Avenue Grade Separation 3		O	\$104,404		\$30,324	\$38,240	\$18,600			\$14,543	\$2,697
Placentia Grade Separation along SS of Orangethorpe		O	\$64,444	\$6,040	\$27,346					\$27,356	\$3,702
State College Grade Separation 4		O	\$97,712		\$34,785	\$27,376	\$13,290			\$11,243	\$11,018
Tustin Ave /Rose Drive Grade Separation 5		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		
Local Road Project Totals			\$7,500	\$166,166	\$203,513	\$41,599	\$5,992	\$121,696	\$60,729

State Funding Total	\$173,666
Federal Funding Total	\$245,112
Local Funding Total	\$188,417
Total Funding (000's)	\$607,195

Board Actions:

1. Capital Programming Update: Increase TCIF by \$0.366 million.
2. Capital Programming Update: Increase TCIF by \$0.596 million.
3. Capital Programming Update: Decrease TCIF by \$4.196 million.
4. Capital Programming Update: Increase TCIF by \$0.743 million.
5. Capital Programming Update: Decrease TCIF by \$2.511 million.



Capital Funding Program Report

Pending Board of Directors (Board) Approval - November 26, 2018

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 Project		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 Project		M1/R	\$61,962		\$28,104	\$10,536			\$3,116	\$5,352	\$14,854	
OC Streetcar (Proposed New Starts)		M1/S	\$299,342	\$25,518		\$54,465	\$162,213			\$57,146		
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	\$4,000				\$4,000					
Future Video Surveillance Systems		R	\$217				\$174				\$43	
Laguna Niguel to San Juan Capistrano Passing Siding		R	\$30,830	\$6,000	\$1,928	\$22,347					\$555	
Metrolink Preventive Maintenance Capitalized Operation		R	\$14,374				\$14,374					
Metrolink Rehabilitation/Renovation - fiscal years 2011-12 to 2022-23		R	\$139,180				\$139,180					
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 1		R	\$38,371		\$2,966		\$18,491			\$1,175	\$15,739	
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	
Video Surveillance Systems at Commuter Rail Stations		R	\$4,493		\$140		\$3,594				\$759	
M2 Project S Transit Extensions to Metrolink (Rubber Tire)		S	\$733							\$733		
Rail Project Totals			\$863,544	\$59,030	\$124,763	\$116,884	\$358,009		\$19,661	\$108,998	\$76,199	

State Funding Total	\$183,793
Federal Funding Total	\$474,893
Local Funding Total	\$204,858
Total Funding (000's)	\$863,544

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		



Capital Funding Program Report

Rail Project Completed

Project Title		M Code	Total Funding	State Funds		Federal Funds		Local Funds		
		M1/T		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	\$24,600		\$12,300		\$10,903	\$1,397		
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		
Rail Project Totals			\$674,536	\$30,319	\$132,796	\$80,348	\$92,540	\$200,605	\$77,920	\$60,008
State Funding Total			\$163,115							
Federal Funding Total			\$172,888							
Local Funding Total			\$338,533							
Total Funding (000's)			\$674,536							

Board Actions:
1. Capital Programming Update: Decrease TCIF by \$15.739 million. Local Other increased as placeholder for future action.

Board Actions:

1. Capital Programming Update: Decrease TCIF by \$15.739 million. Local Other increased as placeholder for future action.



Capital Funding Program Report

Pending Board of Directors (Board) Approval - November 26, 2018 State Highway 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
I-5 from SR-55 to SR-57, Add 1 HOV lane each direction		A	\$39,052			\$33,743			\$5,309	
I-5 (I-405 to SR-55) capacity enhancement		B	\$33,000	\$12,628		\$15,372			\$5,000	
I-5 from SR-73 to El Toro Road Landscaping/Replacement Planting		C	\$12,245	\$6,000					\$6,245	
I-5 Widening (Alicia to El Toro) Seg 3		C	\$179,480	\$79,299		\$49,897			\$50,284	
I-5 Widening (Oso to Alicia) Segment 2		C	\$205,695			\$55,597			\$150,098	
I-5 Widening (SR-73 to Oso) Segment 1		C	\$215,440	\$91,977	\$26,991	\$28,167			\$68,305	
I-5 at Los Alisos / El Toro: add ramps		D	\$4,400			\$4,400				
SR-55 (I-5 to SR-91)		F	\$5,000			\$5,000				
SR-55 OC Central Corridor Improvements from I-405 to I-5		F	\$410,932	\$80,000		\$103,805	\$46,800		\$110,327	\$70,000
SR-57 Orangewood to Katella		G	\$2,500			\$2,500				
SR-57 Truck Climbing Aux Lane: Lambert -LA County Line		G	\$4,300	\$4,050					\$250	
SR-91 (SR-57 to SR-55) Operational Improvements		I	\$9,000			\$7,000			\$2,000	
I-405 from SR-73 to I-605 Improvements		K	\$1,900,000	\$82,000	\$7,771	\$35,000	\$10,648		\$1,135,651	\$628,930
I-405 (I-5 to SR-55)		L	\$8,000			\$8,000				
I-405 s/b Aux. Lane - University to Sand Canyon and Sand Canyon to SR-133		L	\$2,328	\$2,328						
I-605/ katella Interchange		M	\$1,824						\$1,824	
241/91 Express Lanes (HOT) Connector			\$33,728							\$33,728
SR-74 widening, Calle Entradero-City/County line			\$42,694	\$5,513						\$37,181
SR-74 widening, City/County line to Antonio Parkway			\$40,905	\$10,000		\$5,285				\$25,620
State Highway Project Totals			\$3,150,523	\$373,795	\$34,762	\$353,766	\$57,448		\$1,535,293	\$795,459

State Funding Total	\$408,557
Federal Funding Total	\$411,214
Local Funding Total	\$2,330,752
Total Funding (000's)	\$3,150,523

State Highway Project Completed

Project Title	M Code	State Funds		Federal Funds		Local Funds				
		STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other		
I-5 HOV lane each direction s/o PCH to San Juan Creek Rd.	C		\$70,658		\$20,789	\$11,796			\$38,073	
I-5 HOV lanes: s/o Avenida Pico to s/o Vista Hermosa	C		\$90,441	\$43,735		\$31,741	\$1,600		\$13,365	
I-5 HOV, HOV lanes from s/o Av. Vista Hermosa to s/o PCH	C		\$71,100	\$46,779		\$13,472			\$10,849	
I-5/Route 74 Interchange Landscaping/Replacement Planting	D		\$1,440	\$688			\$752			
I-5/SR-74 Interchange Improvements	D		\$80,300	\$48,683	\$24,109			\$2,500		\$5,008
SR- 57 n/b widening, Katella Avenue to Lincoln Avenue - Landscaping	G		\$2,172						\$2,172	
SR- 57 N/B widening, SR-91 to Yorba Linda Boulevard- Landscaping	G		\$946						\$946	
SR-57 n/b widening, Yorba Linda to Lambert Road landscaping	G		\$1,193						\$1,193	
SR-91 WB connect existing auxiliary lanes, I-5 to SR-57	H		\$62,977		\$27,227				\$35,750	



Capital Funding Program Report

State Highway Project Completed

Project Title		M Code	State Funds		Federal Funds		Local Funds				
			STIP/Other	State Bonds	RSTP/CMAQ	Other Fed.	M1	M2	Local - Other		
SR-91 WB connecting existing auxiliary lanes, I-5 to SR-57- Landscaping		H									
SR-91 WB (SR-55 - Tustin Interchange) Improvements		I		\$15,753	\$14,000					\$2,290	
SR-91 eastbound widening, SR-241 to SR-71		J					\$45,911			\$14,000	
SR-91 w/b Rte 91/55 - e/o Weir Replacement Planting		J		\$2,898						\$6,942	\$4,920
SR-91 Widening, SR-55 to Gypsum Canyon (Weir/SR-241)		J		\$22,250	\$54,045					\$698	
SR-57 n/b widening, Katella Avenue to Lincoln Avenue		M1/G			\$24,127					\$11,700	
SR-57 N/B widening, SR-91 to Yorba Linda Boulevard		M1/G			\$39,475					\$11,879	
SR-57 N/B widening, Yorba Linda to Lambert Road		M1/G			\$41,250					\$11,621	
I-405/SR-22/I-605 HOV Connector - Landscaping						\$4,600					
I-5 at Jamboree off ramp and auxiliary lane				\$8,485							
I-5 S/B AT OSO PKWY EXIT LANE & INTRCHANGE IMPROV				\$22,872							\$99
SR-55 Continuous Access HOV restriping environmental				\$1,500							\$1,500
SR-90 Imperial Hwy Enhancement & Mitigation Planting				\$1,669							
HOV Connectors from I-405 and I-605		M1			\$135,430	\$14,787		\$16,200			\$6,674
HOV Connectors from SR-22 to I-405		M1			\$115,878	\$64,375	\$49,625	\$1,878			
State Highway Project Totals				\$213,713	\$380,452	\$140,771	\$97,888	\$20,578	\$161,478		\$18,201

State Highway Project Totals

State Funding Total	\$594,165
Federal Funding Total	\$238,659
Local Funding Total	\$200,257
Total Funding (000's)	\$1,033,081

Board Actions:

1. Capital Programming Update: Authorize the use of \$26,991 in TCIF to replace Measure M or SB 1 LPP Funds.
2. Environmental Document Completed. Increase M2 by \$0.624 million to match Capital Action Plan.

Please note the following projects were completed and closed-out and have been removed from the Capital Funding Program: I-5 San Clemente Avenida Vaquero soundwall, I-5 soundwall at El Camino Real, I-5 Camino Capistrano interchange improvements, SR-55 s/b aux. lanes Dyer Road to MacArthur Boulevard (environmental), and I-5 at Gene Autry Way (west) - HOV drop ramps.

Acronyms

ADA - Americans with Disabilities Act
ARRA - American Recovery and Reinvestment Act
ARTIC - Anaheim
ATN - Anaheim Transportation Network
Aux - Auxiliary
Call - Call for Projects
CMAQ - Congestion Mitigation Air Quality Improvement Program
FTA - Federal Transportation Authority
FY - Fiscal Year
HOT - High-Occupancy Toll
HOV - High-Occupancy Vehicle
I-405 - Interstate 405
I-5 - Interstate 5
I-605 - Interstate 605
LA - Los Angeles
LOSSAN - San Diego-Los Angeles-San Louis Obispo
M1 - Measure M1
M2 - Measure M2
NB - Northbound
OC - Orange County
OCTA - Orange County Transportation Authority

OCX - Orange County Crossings
PCH - Pacific Coast Highway
PSR - Project Study Report
ROW - Right-of-Way
RSTP - Regional Surface Transportation Program
S/O - South of
SB - Southbound
SCAG - Southern California Association of Governments
SR-133 - State Route 133
SR-241 - State Route 241
SR-55 - State Route 55
SR-57 - State Route 57
SR-71 - State Route 71
SR-73 - State Route 73
SR-74 - State Route 74
SR-90 - State Route 90
SR-91 - State Route 91
SS - Southside
STIP - State Transportation Improvement Program
VSS - Video Surveillance System
WB - Westbound