



Capital Funding Program Report

Pending Board of Directors (Board) Approval - September 9, 2019

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 one HOV lane each direction	A	\$39,052			\$33,743			\$5,309	
I-5 Widening from I-405 to SR-55 (Env. Phase) ⁴	B	\$8,000			\$8,000				
I-5 Widening from I-405 to Yale Avenue (Segment 1) ^{1,2,4}	B	\$215,430	\$140,129		\$47,884			\$27,417	
I-5 from SR-73 to El Toro Road landscaping/replacement planting ¹	C	\$12,245	\$6,000					\$6,245	
I-5 widening (Alicia to El Toro) Segment 3 ²	C	\$179,480	\$9,388		\$49,897			\$120,195	
I-5 widening (Oso to Alicia) Segment 2	C	\$205,695			\$47,676	\$7,921		\$150,098	
I-5 widening (SR-73 to Oso) Segment 1	C	\$213,267	\$91,977	\$29,832	\$28,167	\$6,433		\$56,858	
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 Widening from I-405 to I-5 ^{1,3}	F	\$340,932	\$80,000		\$103,805	\$46,800		\$110,327	
SR-57 Orangewood to Katella	G	\$2,500			\$2,500				
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 Avenue interchange ¹	M	\$4,824	\$3,000					\$1,824	
241/91 Express Lanes (HOT) connector		\$33,728							\$33,728
I-5 Improvement from Avenida Pico to San Diego County Line ^{1,2}		\$6,071	\$5,500		\$571				
SR-74 Ortega Highway Improvements from Calle Entradero to City/County line ^{1,5}		\$8,540	\$8,540						
SR-74 widening, City/County line to Antonio Parkway		\$40,905	\$10,000		\$5,285				\$25,620
State Highway Project Totals		\$3,239,397	\$438,862	\$37,603	\$386,928	\$71,802		\$1,615,924	\$688,278
State Funding Total		\$476,465							
Federal Funding Total		\$458,730							
Local Funding Total		\$2,304,202							
Total Funding (000's)		\$3,239,397							

State Highway Project Completed

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			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 Road	C	\$70,658		\$20,789	\$11,796			\$38,073	
I-5 HOV lanes from s/o Avenida Vista Hermosa to s/o PCH	C	\$71,100	\$46,779		\$13,472			\$10,849	
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/SR-74 interchange improvements	D	\$80,300	\$48,683	\$24,109			\$2,500		\$5,008
I-5/SR-74 interchange landscaping/replacement planting	D	\$1,440	\$688			\$752			
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	



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State Highway 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
SR-91 w/b connect existing aux lanes, I-5 to SR-57	H	\$62,977		\$27,227				\$35,750	
SR-91 w/b connecting existing aux lanes, I-5 to SR-57 - landscaping	H	\$2,290						\$2,290	
SR-91 w/b (SR-55 - Tustin interchange) improvements	I	\$43,753	\$15,753	\$14,000				\$14,000	
SR-91 e/b widening, SR-241 to SR-71	J	\$57,773				\$45,911		\$6,942	\$4,920
SR-91 w/b Routes 91/55 - e/o Weir replacement planting	J	\$2,898	\$2,898						
SR-91 widening, SR-55 to Gypsum Canyon (Weir/SR-241)	J	\$76,993	\$22,250	\$54,045				\$698	
SR-57 n/b widening, Katella Avenue to Lincoln Avenue	M1/G	\$35,827		\$24,127				\$11,700	
SR-57 n/b widening, SR-91 to Yorba Linda Boulevard	M1/G	\$51,354		\$39,475				\$11,879	
SR-57 n/b widening, Yorba Linda to Lambert Road	M1/G	\$52,871		\$41,250				\$11,621	
I-405/SR-22/I-605 HOV connector - landscaping		\$4,600			\$4,600				
HOV connectors from I-405 and I-605	M1	\$173,091		\$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		\$998,555	\$180,786	\$380,452	\$140,771	\$97,888	\$20,578	\$161,478	\$16,602

State Funding Total	\$561,238
Federal Funding Total	\$238,659
Local Funding Total	\$198,658
Total Funding (000's)	\$998,555

Acronyms

Aux - Auxilliary
 CMAQ - Congestion Mitigation Air Quality Improvement Program
 FY - Fiscal Year
 HOT - High-Occupancy Toll
 HOV - High-Occupancy Vehicle
 Hwy - Highway
 I-405 - Interstate 405
 I-5 - Interstate 5
 I-605 - Interstate 605
 LA - Los Angeles
 M1 - Measure M1
 M2 - Measure M2
 N/B - Northbound
 OC - Orange County
 OCTA - Orange County Transportation Authority

PCH - Pacific Coast Highway
 RSTP - Regional Surface Transportation Program
 S/O - South of
 S/B - Southbound
 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
 W/B - Westbound

Board Action:

1. Approve the 2020 State Transportation Improvement Program submittal to program \$203.645 million to seven projects, from fiscal year 2020-21 through fiscal year 2024-25.
2. Authorize the use of up to \$40.512 million in Surface Transportation Block Grant funds, \$92.328 million in Measure M2 funds, and \$44.791 million in SB 1 (Chapter 5, Statutes of 2017) Local Partnership Program funds for the 2020 State Transportation Improvement Program projects.

Project Notes:

3. Project has unfunded need of \$75 million. Staff will return to the Board with a funding plan at a later date.

Project Updates:

4. I-5, I-405 to SR-55 (M2 Project B) split into two segments. Environmental funding for entire project listed separately.
5. Project funding updated to reflect latest funding schedule.

The SR-57 truck climbing lane project - Lambert to LA County line (M2 Project G) has been removed from this report consistent with the removal of funding in the staff report. Staff will recommend a funding plan for this project at a later date.



Capital Funding Program Report

Pending Board of Directors (Board) Approval - September 9, 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
Orange Olive Wye Connection ¹	R	\$16,000	\$16,000						
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	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	R	\$4,409		\$56		\$3,594			\$759
M2 Project S Transit extensions to Metrolink (Rubber Tire)	S	\$733						\$733	
Rail Project Totals		\$1,052,110	\$72,030	\$126,666	\$117,293	\$438,584	\$19,661	\$217,416	\$60,460
State Funding Total		\$198,696							
Federal Funding Total		\$555,877							
Local Funding Total		\$297,537							
Total Funding (000's)		\$1,052,110							

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		
Rail Project Totals		\$673,119	\$30,319	\$130,975	\$80,348	\$92,540	\$201,009	\$77,920	\$60,008

State Funding Total	\$161,294
Federal Funding Total	\$172,888
Local Funding Total	\$338,937
Total Funding (000's)	\$673,119

Project Updates:

1. The Orange Olive Wye was submitted for consideration of ITIP funding.

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