



Capital Funding Program Report

Pending OCTA Board of Directors (Board) Approval - September 13th, 2021

State Highway Project											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
I-5 from SR-55 to SR-57, add one HOV lane each direction	A	\$41,500	\$36,191							\$5,309	
I-5 widening, I-405 to Yale Avenue (Segment 1) ¹	B	\$230,482	\$52,357			\$95,338	\$33,395			\$49,392	
I-5 widening, Yale Avenue to SR-55 (Segment 2) ²	B	\$41,351	\$32,527		\$851					\$7,973	
I-5 HOV lane each direction s/o PCH to San Juan Creek Road	C	\$74,300	\$11,326					\$20,789		\$42,185	
I-5 HOV lanes from s/o Avenida Vista Hermosa to s/o PCH	C	\$75,300	\$12,065			\$46,779				\$16,456	
I-5 widening, Alicia Parkway to El Toro Road (Segment 3)	C	\$181,327	\$49,897		\$4,728		\$9,388			\$117,314	
I-5 widening, Oso Parkway to Alicia Parkway (Segment 2)	C	\$205,695	\$47,676		\$7,921					\$150,098	
I-5 widening, SR-73 to Oso Parkway (Segment 1)	C	\$213,267	\$28,167		\$6,433	\$91,977		\$29,832		\$56,858	
I-5, SR-73 to El Toro Road landscaping/replacement planting	C	\$12,365				\$6,000				\$6,365	
I-5/El Toro Interchange	D	\$4,400	\$4,400								
SR-55 (I-5 to SR-91) ³	F	\$16,000	\$8,359		\$2,641					\$5,000	
SR-55 widening between I-405 and I-5 ⁴	F	\$505,720	\$160,500		\$41,900	\$80,000	\$140,000			\$83,320	
SR-57 Orangewood Avenue to Katella Avenue	G	\$9,327	\$2,500		\$3,240					\$3,587	
SR-57 truck climbing lane phase II: Lambert Road to LA County Line ⁶	G	\$6,500				\$6,500					
SR-91, Acacia Avenue to La Palma Avenue (Segment 3)	I	\$16,201	\$1,770							\$30	\$14,401
SR-91, La Palma Avenue to SR-55 (Segment 2)	I	\$46,314	\$3,460							\$40	\$42,814
SR-91, SR-55 to Lakeview Avenue (Segment 1)	I	\$15,779	\$1,770							\$30	\$13,979
SR-91, SR-241 to I-15	J	\$41,800									\$41,800
I-405 improvements, SR-73 to I-605	K	\$2,080,234	\$35,000		\$10,648			\$89,771		\$1,315,885	\$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	M	\$4,824								\$4,824	
241/91 Express Lanes (HOT) Connector		\$182,298	\$50								\$182,248
I-5 Managed Lane Project from Avenida Pico to San Diego County Line ⁵		\$6,978	\$6,978								
SR-74 Ortega Highway Multimodal Improvements, Calle Entradero to Reata Road ⁷		\$53,513			\$250	\$43,913				\$7,200	\$2,150
SR-74 widening, City/County line to Antonio Parkway		\$40,905	\$5,285			\$10,000					\$25,620
State Highway Project Totals		\$4,116,708	\$508,278		\$78,612	\$382,835	\$182,783	\$140,392		\$1,871,866	\$951,942
Federal Funding Total		\$586,890									
State Funding Total		\$706,010									
Local Funding Total		\$2,823,808									
Total Funding (000's)		\$4,116,708									

State Highway Project Completed											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
I-5 HOV lanes: s/o Avenida Pico to s/o Vista Hermosa	C	\$83,500	\$26,867		\$1,600	\$43,735				\$11,298	



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State Highway Project Completed											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
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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			\$752	\$688					
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, Katella Avenue to Lincoln Avenue	G	\$35,827						\$24,127		\$11,700	
SR-57 n/b widening, SR-91 to Yorba Linda Boulevard	G	\$51,354						\$39,475		\$11,879	
SR-57 n/b widening, Yorba Linda to Lambert Road	G	\$52,871						\$41,250		\$11,621	
SR-57 n/b widening, Yorba Linda to Lambert Road - landscaping	G	\$1,193								\$1,193	
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	
I-405/SR-22/I-605 HOV connector - landscaping		\$4,600	\$4,600								
HOV connectors from I-405 and I-605	M1	\$173,091	\$14,787					\$135,430	\$16,200		\$6,674
HOV connectors from SR-22 to I-405	M1	\$115,878	\$64,375		\$49,625				\$1,878		
State Highway Project Completed Totals		\$849,856	\$110,629		\$97,888	\$134,007		\$359,663	\$20,578	\$110,489	\$16,602
Federal Funding Total		\$208,517									
State Funding Total		\$493,670									
Local Funding Total		\$147,669									
Total Funding (000's)		\$849,856									



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Board Action:

1. 2022 State Transportation Improvement Program - Authorize the use of up to \$11.396 million in Measure M2 funds for the Interstate 5 Improvement Project from Interstate 405 to Yale Avenue (Segment 1).
2. Capital Programming Update - Consistent with right-of-way phase estimates, authorize the use of \$23.926 million in the following fund sources for the Interstate 5 Improvement Project from Yale Avenue to State Route 55 (Segment 2):
 - Surface Transportation Block Grant (\$17.5 million),
 - Measure M2 Freeway Funds (\$5.575 million), and
 - Repurposed Earmarks (up to \$0.851 million), contingent on Federal Highway Administration approval
 - Authorize the use of additional Measure M2 Freeway funds in lieu of \$0.851 million of Repurposed Earmarks, in the event the federal funds are not available.
3. Capital Programming Update - Consistent with updated design phase estimates, authorize the use of the funding below which supports an overall phase increase of \$2.079 million from \$8.921 million to \$11 million, and the reduction of Measure M2 funds by \$3.921 million for the State Route 55 Improvement Project from Interstate 5:
 - Surface Transportation Block Grant (\$3.359 million), and
 - Highway Infrastructure Program (\$2.641 million).
4. Capital Programming Update - Authorize the use of \$1.720 million in Measure M2 for the State Route 55 Improvement Project from Interstate 405 to Interstate 5 to support anticipated costs for the design phase, changing the total project estimated cost from \$504 million to \$505.702 million
5. Capital Programming Update - Consistent with the forecasted cost for the environmental phase, authorize the use of \$0.907 million in additional Surface Transportation Block Grant funds for the Interstate 5 Managed Lanes Project from the Orange County/San Diego County line to Avenida Pico to fund a change in project cost estimate from \$5.5 million to \$6.407 million.
6. 2022 State Transportation Improvement Program - Approve the 2022 State Transportation Improvement Program submittal to program \$164.647 million to seven projects, from fiscal year 2022-23 through fiscal year 2026-27. (\$6.5 million)
7. 2022 State Transportation Improvement Program - Approve the 2022 State Transportation Improvement Program submittal to program \$164.647 million to seven projects, from fiscal year 2022-23 through fiscal year 2026-27. (\$37.6 million)

Acronyms:

Aux - Auxiliary
CMAQ - Congestion Mitigation Air Quality Improvement Program
FTA - Federal Transit Administration
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
M Code - Project Codes in Measure M1 and M2
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/B - Southbound
S/O - South of
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-90 - State Route 90
SR-91 - State Route 91
SS - Southside
STBG - Surface Transportation Block Grant
STIP - State Transportation Improvement Program
W/B - Westbound



Capital Funding Program Report

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Bus Transit Project											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
Go Local - Step 1	S	\$5,730							\$5,730		
Mobile ticketing equipment	S	\$4,036						\$4,036			
M2 Project V Community Circulators	V	\$53,767								\$53,767	
M2 Project W Safe Transit Stops (City)	W	\$1,708								\$1,708	
M2 Project W Safe Transit Stops (OCTA)	W	\$370								\$370	
ACCESS and fixed-route radio systems upgrade		\$22,465		\$4,434	\$341			\$16,239			\$1,451
Associated Transportation Improvements		\$556		\$556							
Bravo! 529 buses (six)		\$3,595	\$549					\$3,046			
Bus Engine Repowers (173) ¹		\$12,526	\$12,526								
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 FY2018-19 to FY2024-25 (ACCESS and contracted fixed-route contracts)		\$349,243		\$185,623							\$163,620
Digital Bus Stop Sign 13" Along High Quality Transit Corridors (143 sign) ²		\$2,500				\$2,500					
Engine rebuild		\$16,294		\$14,824				\$1,470			
Facility modifications, upgrades, and replacement projects		\$5,347					\$5,347				
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
iShuttle replacement buses (12)		\$6,803					\$6,123				\$680
iShuttle replacement buses (five)		\$2,800					\$2,520				\$280
MSRC County Transportation Commission Partnership Program		\$2,319				\$176					\$2,143
Non-fixed-route paratransit operations assistance - FY 2018-19 to FY 2024-25		\$420,500		\$84,101							\$336,399
OC Mobility Hubs Strategy		\$300	\$266			\$34					
Preventive maintenance - including salaries and benefits (includes ATN & Laguna Beach)		\$167,572		\$167,572							
Purchase (201) 40-foot alternative fuel replacement buses (OCTA)		\$229,384	\$134,670	\$47,696							\$47,018
Purchase 117 replacement paratransit vehicles		\$14,995		\$14,995							
Rehabilitation and Renovation at OCTA Bus Facilities		\$1,509		\$1,207							\$302
Rideshare/vanpool		\$11,232	\$11,232								
Standby backup generators at Anaheim and IRCC bases		\$1,374					\$1,374				
Transit Security & Operations Center ^{3,4}		\$56,436			\$3,660	\$10,382	\$32,002	\$5,603			\$4,789
Transit Security Program		\$3,167						\$3,167			
Vanpool Program - capital lease		\$12,838	\$12,838								
VSS upgrades at OCTA facilities		\$1,159		\$960				\$199			
Zero-emission Bravo! buses (ten battery electric) and bus infrastructure		\$14,004					\$6,466	\$7,538			



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			Federal Funds			State Funds			Local Funds			
Project Title	M Code	Total Funding	STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
Bus Transit Project Totals		\$1,634,650	\$226,929	\$622,969	\$4,001	\$13,092	\$53,832	\$42,498	\$5,730	\$55,845	\$609,754	
Federal Funding Total		\$853,899										
State Funding Total		\$109,422										
Local Funding Total		\$671,329										
Total Funding (000's)		\$1,634,650										

Bus Transit Project Completed												
			Federal Funds			State Funds			Local Funds			
Project Title	M Code	Total Funding	STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
Heating ventilation unit replacements		\$405		\$313			\$92					
Zero-emission hydrogen fuel cell buses (10)		\$12,978					\$5,640	\$7,338				
Bus Transit Project Completed Totals		\$13,383		\$313			\$5,732	\$7,338				
Federal Funding Total		\$313										
State Funding Total		\$13,070										
Local Funding Total		\$0										
Total Funding (000's)		\$13,383										

Board Action:

1. Capital Programming Update - Authorize the use of up to \$12.526 million in Congestion Mitigation and Air Quality Improvement Program funds for 173 bus engine repowers
2. 2022 State Transportation Improvement Program - Approve the 2022 State Transportation Improvement Program submittal to program \$164.647 million to seven projects, from fiscal year 2022-23 through fiscal year 2026-27 (\$2.5 million)
3. 2022 State Transportation Improvement Program - Approve the 2022 State Transportation Improvement Program submittal to program \$164.647 million to seven projects, from fiscal year 2022-23 through fiscal year 2026-27 (\$10.382 million)
4. 2022 State Transportation Improvement Program - Authorize the use of up to \$27.234 million for the Transit Security and Operations Center, as follows:
 - \$19.650 million in Local Partnership Program Formula funds,
 - \$3.924 million in additional State of Good Repair, and
 - \$3.660 million Coronavirus Response and Relief Supplemental Appropriations Act, 2021

Acronyms:

ATN - Anaheim Transportation Network
CMAQ - Congestion Mitigation Air Quality Improvement Program
FTA - Federal Transit Administration
FY - Fiscal Year
IRCC - Irvine Construction Circle
M Code - Project Codes in Measure M1 and M2
M1 - Measure M1
M2 - Measure M2
MSRC - Mobile Source Air Pollution Reduction Review Committee
OCTA - Orange County Transportation Authority
SB 1 - Chapter 5, Statutes of 2017
STBG - Surface Transportation Block Grant
STIP - State Transportation Improvement Program
VSS - Video Surveillance System