

Capital Programming Update Project Descriptions

State Route 91 (SR-91) Improvement Project between State Route 57 (SR-57) and State Route 55 (SR-55)

Known as Project I in the OC Go Next 10 Delivery Plan, this project will improve traffic flow and operations along the SR-91 corridor within the cities of Fullerton and Anaheim and will look to add one general purpose lane eastbound between SR-57 and SR-55 and one general purpose lane westbound from the Northbound SR-57 connector to State College Boulevard. Additional features of this project include improvements to various interchanges, and auxiliary lanes will be added in some segments and reestablished in others within the project limits. The project area currently experiences traffic demands that exceed capacity within the project limits in addition to congestion due to merging and weaving from successive ramps at several interchanges.

The environmental phase of this project is funded with \$9.000 million of federal Surface Transportation Block Grant (STBG) funds (\$7.000 million) and Measure M2 (M2) funds (\$2.000 million). The Orange County Transportation Authority (OCTA) is requesting approval for the use of \$31.592 million in 91 Express Lane (EL) excess revenue funds for the design phase of Segments 1, 2, and 3, for a total project cost of \$40.592 million.

SR-91 between State Route 241 (SR-241) and Interstate 15 (I-15) (Orange County Portion)

This project will add one general purpose lane on SR-91 between SR-241 and I-15. The portion of the project between SR-241 and the Orange County/Riverside County line is part of OCTA's OC Go Project J, while the matching segment between the county line and State Route 71 is part of Riverside County Transportation Commission's (RCTC) Measure A. This is a joint OCTA/RCTC project.

Proposed funding levels are depicted below.

Proposed Funding (\$000s)	RCTC Funds	91 EL Excess Revenue	TOTAL
Environmental	\$ 5,500		\$ 5,500
Design			
Right-of-Way	\$ 300		\$ 300
Construction	\$ 21,000	\$ 15,000	\$ 36,000
Total	\$ 26,800	\$ 15,000	\$ 41,800

Interstate 5 (I-5) from Yale Avenue to SR-55

This project will add one mixed flow lane in both the northbound and southbound directions from the truck bypass on-ramp from SR-55 to Yale Avenue in the City of Irvine. The additional lanes will reduce corridor traffic congestion, reduce hours of travel, improve traffic operations and improve access to high occupancy vehicle lanes.

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This is Segment 2 of Project B in the M2 Ordinance. Segment 1, the I-5 improvements from Interstate 405 to Yale Avenue, was submitted for State Transportation Improvement Program (STIP) funding in December 2019.

The environmental phase for both segments of Project B is funded with \$8.000 million in federal STBG. OCTA is proposing \$11.500 million in STBG funds and \$2.398 million in M2 funds for the design phase of Segment 2, resulting in a total of \$13.898 million of programmed funding.

SR-55 from I-5 to SR-91

This is OCTA's OC Go Project F, which will add one general purpose lane in each direction between State Route 22 (SR-22) and I-5 and provide operational improvement between SR-22 and SR-91. The objective of the proposed project is to reduce traffic congestion, improve mobility, and improve traffic operations in the study area.

The environmental phase of this project is funded with \$5.000 million in federal STBG funds. OCTA is proposing \$8.921 million in M2 funds for the design phase, which results in a total project cost of \$13.921 million.

SR-57 Northbound from Orangewood Avenue to Katella Avenue

This is Project G in the M2 Ordinance, which will widen the SR-57 freeway between Orangewood Avenue and Katella Avenue. The purpose of the project is to improve mainline mobility and throughput, improve lane continuity, and facilitate regional circulation and flow of goods and services by increasing freeway speeds and improving merge/diverge operations. The project area currently experiences congestion and operational deficiencies due to increased traffic volumes and limited capacity.

The project currently has \$2.500 million in STBG funds programmed for the environmental phase. The proposed funding of \$4.777 million in M2 for the design phase will increase the total project funding to \$7.277 million.

I-5 (SR-55 to SR-57)

This is OCTA's OC Go Project A, and will increase high-occupancy vehicle (HOV) lane capacity by adding a second HOV lane in both directions along the I-5 between SR-55 and SR-57 in the City of Santa Ana. Construction began on February 20, 2019, and is expected to be completed in early 2021.

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Existing and proposed funding levels are depicted below.

Existing Funding (\$000s)	CMAQ	M2	STBG	TOTAL
Environmental		\$ 1,685		\$ 1,685
Design	\$ 2,800	\$ 1,492		\$ 4,292
Right-of-Way		\$ 232		\$ 232
Construction	\$ 29,603	\$ 1,900	\$ 1,340	\$ 32,843
Total	\$ 32,403	\$ 5,309	\$ 1,340	\$ 39,052

Proposed Funding (\$000s)	CMAQ	M2	STBG	TOTAL
Environmental		\$ 1,685		\$ 1,685
Design	\$ 2,800	\$ 1,492		\$ 4,292
Right-of-Way		\$ 232		\$ 232
Construction	\$ 32,051	\$ 1,900	\$ 1,340	
Total	\$ 34,851	\$ 5,309	\$ 1,340	\$ 41,500
Change	\$ 2,448	-	-	\$ 2,448

CMAQ – Congestion Mitigation and Air Quality