

2024 State Transportation Improvement Program Project Descriptions

Digital Bus Stop Signs/Electronic Message Signs 13" Along High-Quality Transit Corridors (143 Signs)

The project will result in the installation of real-time displays and signage at up to 143 bus stops along Orange County (OC) Bus routes 29, 43, 57, 60, 64, 66, 529, 543, and 560 in Orange County. It will provide real-time information on the next bus arriving, identify Orange County's Rapid Bus Service, and provide information regarding connections to Metrolink stations, improving connections across the region. This project is a carryover from the approved 2022 State Transportation Improvement Program (STIP).

OC Connect - Santa Ana - Garden Grove Rails to Trails

The project will close a 3.1-mile gap on the Class I trail connecting the cities of Garden Grove and Santa Ana along the Orange County Transportation Authority (OCTA)-owned former Pacific Electric Right-of-Way and 0.85-miles along the Wintersburg Channel. The project will add a Class I non-motorized transportation facility and provide safety crossing features at approximately 13 intersections. This will improve safety by offering a convenient, safe alternative for pedestrians and bicyclists within adjacent disadvantaged communities separated from high-speed motorized traffic. The California Transportation Commission (CTC) approved the project for \$3.9 million in STIP funds for the plans, specifications & estimates phase. Additionally, staff is requesting the use of \$0.75 million in federal Community Project Funding/Congressionally Directed Spending funds allocated to the project.

I-5 Improvements from State Route (SR-73) to El Toro Road (Replacement Planting/Landscaping)

This is part of Project C in the Next 10 Delivery Plan (Next 10 Plan) and is the replacement planting/landscaping component of the three segments of the I-5 Improvement Project from SR-73 to El Toro Road. This project is a carryover from the approved 2022 STIP.

Planning, Programming, and Monitoring (PPM)

Orange County is impacted by severe congestion on many regional and interregional facilities. Examination of the problem and potential solutions are necessary for the future construction of improvements. STIP funds will be used to support studies that are directly used in the development of the Long-Range Transportation Plan and to develop project study reports, thus creating a shelf of projects for the future. Specific examples of studies that are supported using STIP PPM include the Freeway Chokepoint Study, Freeway Bus Rapid Transit Concepts Study, Bristol Street Transit Corridor Study, and OC Mobility Hub Study. The CTC sets aside five percent of the STIP for regional agencies to carry out planning activities. The CTC has approved the project with two additional years of STIP PPM funding totaling \$4.139 million, as requested by OCTA, bringing the five-year STIP PPM total to \$7.255 million.

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Orange County Maintenance Facility (Phase 1) Construction (CON)

The Orange County Maintenance Facility (OCMF) is part of the Metrolink Southern California Optimized Rail Expansion program, which is funded through the Transit and Intercity Rail Capital Program. The facility will be located on the 21.3-acre parcel owned by OCTA, adjacent to Marine Way, and located along the Metrolink Orange Subdivision between mileposts 183.5 and 184 in the City of Irvine. The goal of the project is to provide for more efficient rail operations, store and service locomotives and rail cars, comply with safety and operations standards, and redistribute service loads to another location. The OCMF will provide space and equipment to inspect, clean, and maintain cars and locomotives on a regular and efficient basis. Much of the inspection and maintenance activity is federally mandated and must be performed at specific intervals. The CTC approved the project for \$20 million in STIP funds for the construction phase.

State Route 57 (SR-57) Truck Climbing Lane Phase II – Lambert Road to County Line

This project will construct a truck climbing lane on SR-57 from the Lambert Road undercrossing to just north of the Orange County/Los Angeles County Line. A climbing lane would improve truck traffic travel speeds and would increase the throughput of the northbound SR-57. This project is Project G in the Next 10 Delivery Plan. The CTC had approved the project for \$6.5 million in prior STIP cycles and approved an additional \$18 million in STIP funds in the 2024 STIP for a total of \$24.5 million for the project.

State Route 74 (SR-74) Ortega Highway Multimodal Improvements from Calle Entradero (Postmile 1.0) to Reata Road (Postmile 2.1)

This project will widen SR-74/Ortega Highway from two to four lanes by adding one lane, bicycle lanes, and reconstruction of sidewalk on each direction between Calle Entradero (postmile 1.0) to Reata Road (postmile 2.1) in the City of San Juan Capistrano. The project includes installing a traffic signal at Via Cordova and Hunt Club Drive, providing a 12-foot-wide striped median, a five- to eight-foot shoulder on each side to accommodate a Class II bicycle lane, and reconstructing the existing sidewalk. The project also requires seven retaining walls.

The project was also awarded competitive M2 Project O - Regional Capacity Program funds. This project is a carryover project from the approved 2022 STIP.

OC LOOP - Segment A (La Habra) (CON)

OC LOOP Segment A, the La Habra Rails to Trails OC Loop Gap Closure Project, will close a 3.1-mile gap in the OC Loop, Orange County's bicycle network, with a Class I bikeway/multi-use path along a currently blighted rail-to-trail. This project completes Segment A of the OC Loop and lies entirely within the City of La Habra. In order to improve safety and convenience and increase walking and bicycling, this project will add infrastructure improvements such as building a Class I bikeway/multi-use path and enhanced safety features to protect bicyclists and pedestrians. The CTC approved the project for \$38.233 million in STIP funds for the construction phase.

2024 State Transportation Improvement Program Project Descriptions

Interstate 5 (I-5) Improvements from Interstate 405 (I-405) to Yale Avenue (Segment 1) CON

This project will add one general purpose lane in both directions of I-5 from I-405 to Yale Avenue. Additional features of the project include improvements to various interchanges. Auxiliary lanes will be added in some segments and re-established in others within the project limits. The project length is approximately five miles.

This segment of the I-5 corridor is experiencing congestion and long traffic delays due to demand from local, regional, and interregional traffic exceeding capacity. Local and regional traffic demand is expected to increase by over 10,000 vehicles per day by 2040. This is Project B in the Next 10 Plan. This project is a carryover from the approved 2022 STIP.