

**2020 State Transportation Improvement Program
Project Descriptions**

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

This project will add one general-purpose lane in both directions of the I-5 from the I-405 to State Route 55 (SR-55). 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 overall project length is approximately nine miles.

Currently, this segment of the I-5 corridor is experiencing congestion and long traffic delays due to demand exceeding capacity, primarily resulting from local, regional, and interregional traffic demand. In addition, forecasted local and regional traffic demand is expected to increase by over 10,000 vehicles per day by the year 2040. This is Project B in the Next 10 Delivery Plan.

SR-55 Improvements from I-405 to I-5

This project will add new high-occupancy vehicle (HOV), general-purpose and auxiliary lanes on SR-55 between the I-405 and the I-5 connectors to increase freeway capacity and reduce congestion in central Orange County areas. The project is located in the cities of Irvine, Santa Ana, and Tustin.

Future traffic demand is anticipated to increase traffic volumes to levels that will increase traffic congestion and travel delays and reduce travel speeds. It is anticipated that without additional major capital improvements, the level of service for the majority of the study area in the northbound and southbound directions would be unacceptable during AM and PM peak periods.

State Route 74 (SR-74) Ortega Highway Improvements – Calle Entradero to City/County Line

This project will widen SR-74/Ortega Highway from two to four lanes by adding one lane in each direction in the City of San Juan Capistrano from Calle Entradero to the city/county line.

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

This is part of Project C in the Next 10 Delivery 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.

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I-5 Managed Lane Project from Avenida Pico to San Diego County Line

State Transportation Improvement Program (STIP) funds are proposed for the environmental phase of the I-5 Managed Lane Project from Avenida Pico to the San Diego County line, which proposes to add a general-purpose or a managed lane in each direction on the I-5, re-establish existing auxiliary lanes, widen existing undercrossings, and replace existing overcrossings.

Planning, Programming, and Monitoring

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 develop project study reports and provide environmental clearance for projects, thus creating a shelf of projects for the future. The California Transportation Commission sets aside five percent of the STIP for regional agencies to carry out planning activities.

Funded with Measure M2

Interstate 605 (I-605) Katella Avenue Interchange

The I-605 Katella Avenue Interchange Project will improve freeway access, traffic operations, enhance safety, and improve pedestrian and bicycle facilities. This is Project M in the Next 10 Delivery Plan.

Seek Future Funding

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

This project will construct a truck climbing lane on the 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.