

I-5 IMPROVEMENT PROJECT

I-405 TO YALE AVENUE
SEGMENT 2



LENGTH

Approximately 4.5 miles

AFFECTED CITIES

Irvine and Tustin

AT A GLANCE

TOTAL ESTIMATED COST:	\$230.4 million
FUNDING SOURCE:	Federal, State and Local
DEVELOPMENT PHASE:	Final Design
SPONSORING AGENCY:	OCTA
CEQA/NEPA LEAD:	Caltrans
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Fact Sheet Updated 8/31/20

OVERVIEW

Interstate 5 (I-5) is essential to Orange County's mobility, economy and quality of life. Everyday, more than 350,000 motorists drive this segment of I-5, through the cities of Irvine and Tustin, to reach residential, commercial, educational and employment destinations. Already at capacity, traffic projections show that nearly ½ million daily motorists will travel this stretch of I-5 by 2050.

To address current and future traffic demand, OCTA and Caltrans, in coordination with the cities of Irvine and Tustin are developing the I-5 Freeway Improvement Project from Interstate 405 to Yale Avenue. Currently in the Final Design of the development process, this 4.5 mile project will help increase capacity and improve operations along this key stretch of I-5 by: 1) adding a general-purpose lane in both directions; 2) implementing continuous access High Occupancy Vehicle (HOV); and 3) standardizing lanes and shoulder widths where possible. In addition, the project will also improve Alton Parkway, Sand Canyon Avenue and Jeffrey Road interchanges. The project will also add new auxiliary lanes along select stretches while also re-establishing existing auxiliary lanes.

Funded by OC Go (formerly Measure M), Orange County's voter-approved Transportation Investment Plan, the project was environmentally cleared in early 2020. During the mandated environmental review process, a No Build Alternative and one Build Alternative with two design variations (Alternative 2A and Alternative 2B) was studied to assess relative benefits, impacts and costs. In February 2020, Caltrans District 12 – Orange County approved Alternative 2B as the preferred build alternative.

FINAL DESIGN

OCTA and Caltrans District 12 will begin final design on this project segment in September 2021. During the final design process, OCTA and Caltrans will lead and oversee an engineering effort to produce a comprehensive set of design plans that will comply with the State of California's latest highway design standards. Plans that will be developed will include, but not be limited to, roadway plans, structure plans, utility plans, drainage plans, lighting plans, signage plans, and all other capital and operational plans required by major freeway improvement project. The final design process is estimated to be completed in June 2024. Once the final design process is complete, and provided funding, the project will be ready for construction in August 2025.

ESTIMATED SCHEDULE*

BEGIN DESIGN	SEPTEMBER 2021
COMPLETE DESIGN	JUNE 2024
ADVERTISE	APRIL 2025
BEGIN CONSTRUCTION	AUGUST 2025
COMPLETE CONSTRUCTION	JANUARY 2029

*Schedule subject to change



U.S. Department
of Transportation

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