



WELCOME

PUBLIC INFORMATION MEETING
NOVEMBER 3, 2015



octa.net/oc405south



HELPLINE (714) 560-5777





STATION N^o 1

PROJECT PARTNERS AND FUNDING



PROJECT PARTNERS



PROJECT SPONSOR

Responsible Agency under CEQA; Funds and manages the PA/ED phase consistent with Measure M.

www.octa.net



LEAD AGENCY AND FACILITY OWNER

Lead Agency under CEQA and NEPA; Oversees compliance with CEQA and NEPA, and provides ultimate approval of environmental documents and preferred alternative.

www.dot.ca.gov



PROJECT PARTNER

Provides input and feedback during PA/ED phase.

www.cityofirvine.org

LEGEND

CEQA: California Environmental Quality Act

NEPA: National Environmental Policy Act

PA/ED: Project Approval/Environmental Document



PURPOSE OF PUBLIC INFORMATION MEETING



- ➔ **Inform the public** of the improvement study
- ➔ **Provide a forum** to discuss the project
- ➔ **Hear** public comments and concerns
- ➔ **Spotlight the role and significance** of I-405 in OC
- ➔ **Recap** existing and future need
- ➔ **Provide an overview** of the environmental process
- ➔ **Highlight** anticipated milestones
- ➔ **Provide staff** contact information
- ➔ **Invite the public** to sign-up for future alerts

NOTE TO READER: The I-405 from I-5 to SR-55 Improvement Project is in the very early stages of the environmental review process, which is anticipated to take 2-3 years. This is solely a public information meeting. Circulation of a draft environmental document (DED) and the official public comment period is anticipated to occur when the environmental analysis has been conducted. The public will be notified when the DED is available for review and when the official comment period has commenced.



ENVIRONMENTAL PHASE FUNDING



MEASURE M

Orange County's transportation investment plan passed by nearly 70% of Orange County voters on November 7, 2006. The half-cent sale tax is expected to generate \$15.7 billion to improve Orange County's transportation network over 30 years. Orange County freeways receive 43% of funds.



REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP)

This program utilizes federal funds in accordance with Section 133 of Title 23 of the United States Code to preserve and improve the transportation system consistent with regional priorities.



STATION N^o 2

OVERVIEW AND PURPOSE



PROJECT AREA MAP



Map provided for general reference only. Not to scale.

Nearby Destinations

- John Wayne Airport
- Irvine Business Complex
- University of California Irvine
- Irvine Civic Center
- Regional Bike Trails
- Quail Hill Preserve
- Irvine Valley College
- Kaiser & Hoag Hospitals
- Irvine Spectrum

Major Employers



I-405 IS ESSENTIAL TO ORANGE COUNTY

- » Helps drive OC's mobility, economy & quality of life
- » Connects to residential, commercial & recreational destinations
- » Part of local, regional and national transportation network



PROJECT NEED AND PURPOSE



THE NEED

Currently, I-405 within the project limits is experiencing:

- » High levels of congestion on mainline and ramps
- » Deteriorated conditions
- » Weaving and merging issues
- » Inadequate intelligent transportation system infrastructure



Daily trips are forecasted to increase

nearly **20%** by 2045.



Consistent with CEQA and NEPA, a guiding principle of the proposed project is to minimize potential environmental effects if feasible.

THE PURPOSE

Address existing and future traffic demand and future mobility along I-405 within project limits:

- » Add mainline capacity
- » Improve ramp capacity
- » Improve freeway operations including weaving, merging and diverging, and intelligent transportation system elements
- » Enhance safety



KEY POINTS



WHAT IS THE PROJECT'S ESTIMATED SCHEDULE?

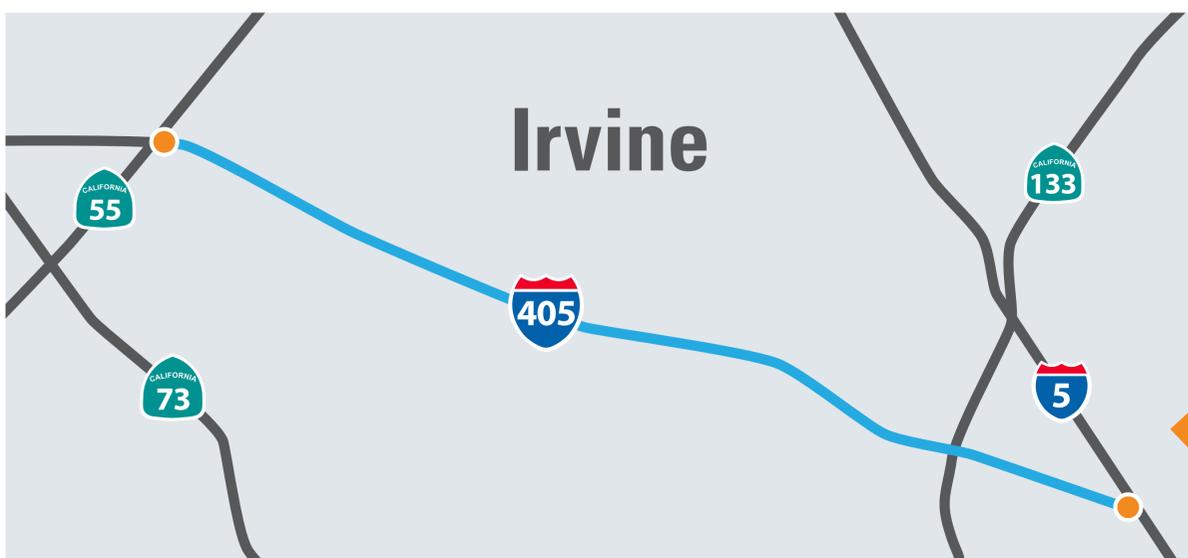
The project is currently in the Project Approval/Environmental Document (PA/ED) phase, also known as the environmental review phase. This phase began in early 2015 and is anticipated to be completed in late 2017. The earliest construction is anticipated to begin in 2023, with an opening year of 2025.

WHAT IS THE PROJECT'S TOTAL ESTIMATED COST?

The total estimated cost of construction is between \$110 and \$250 million, depending on the alternative concept approved. The project is currently only funded through the environmental review phase.

WHERE ARE THE PROJECT LIMITS AND AREA OF IMPROVEMENTS?

The 8.5 mile project corridor is located primarily in the city of Irvine. Improvements would occur along I-405 from Irvine Center Drive to Jamboree Road.



Project study area is approximately **8.5 miles**

Project limits are along I-405 between I-5 and SR-55



STATION N^o 3

PRELIMINARY CONCEPTS

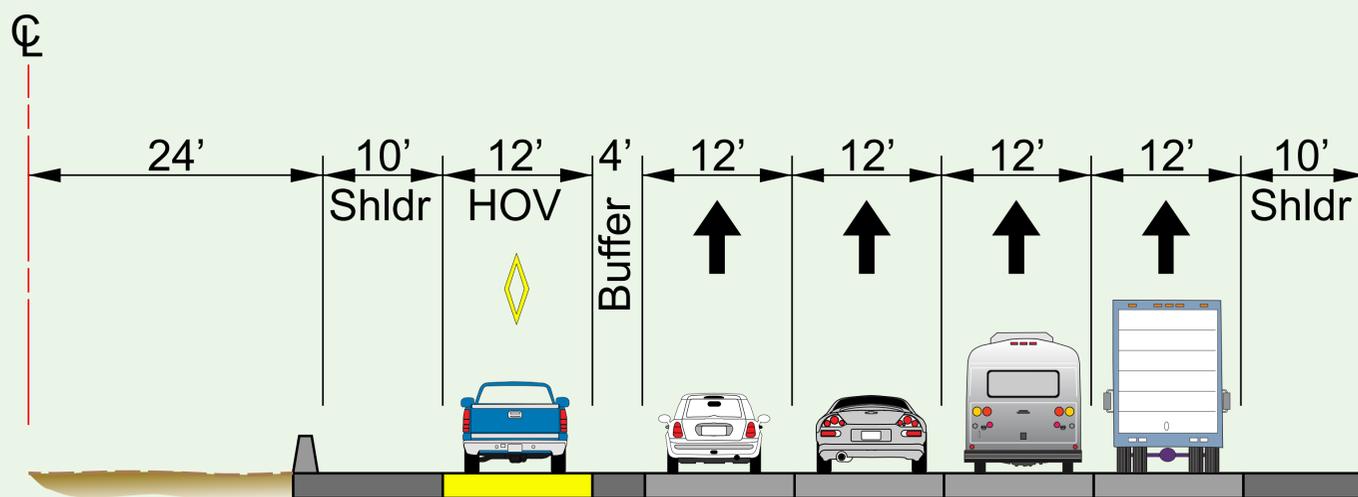


PRELIMINARY PROJECT ALTERNATIVES

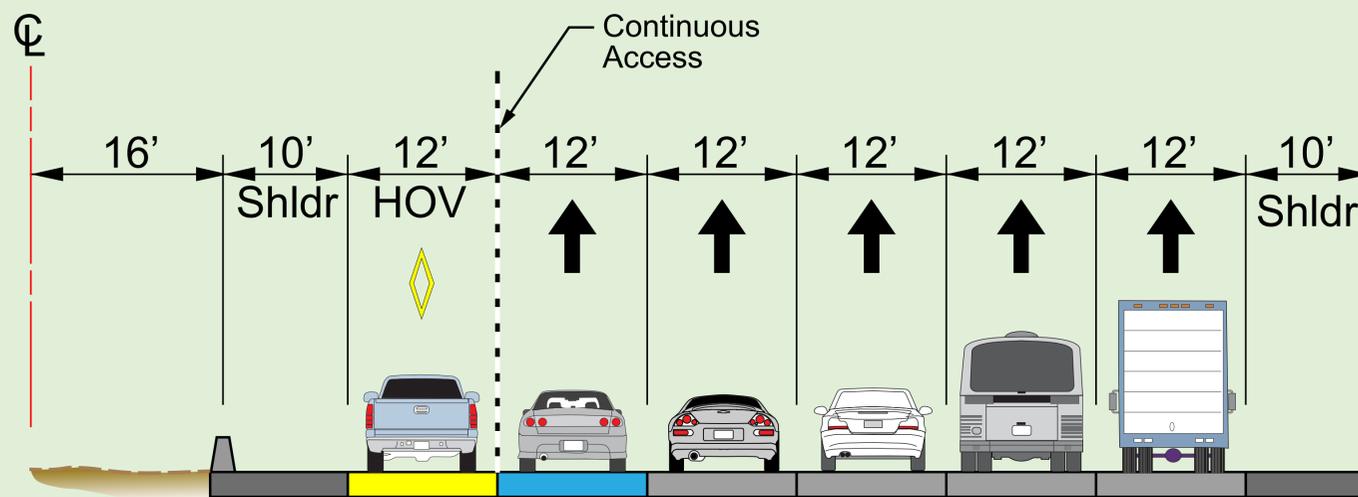


NO BUILD

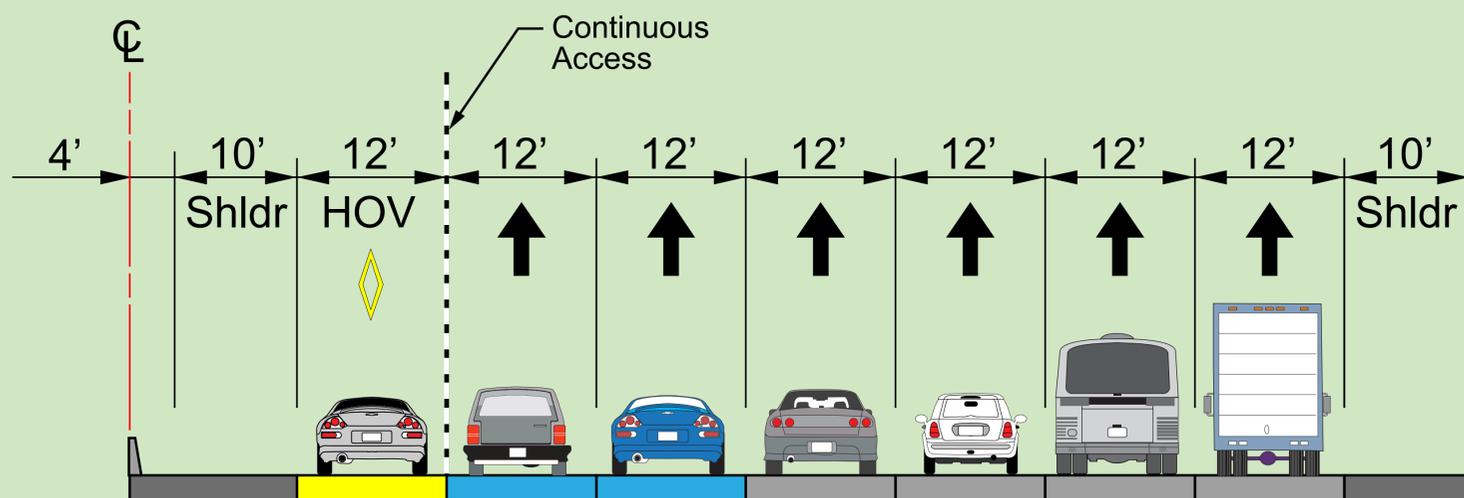
No proposed capital or operational improvements would occur. Assumes completion of other programmed improvements currently underway by Caltrans.



ADD ONE NORTHBOUND AND SOUTHBOUND GENERAL PURPOSE LANE



ADD TWO NORTHBOUND AND SOUTHBOUND GENERAL PURPOSE LANES



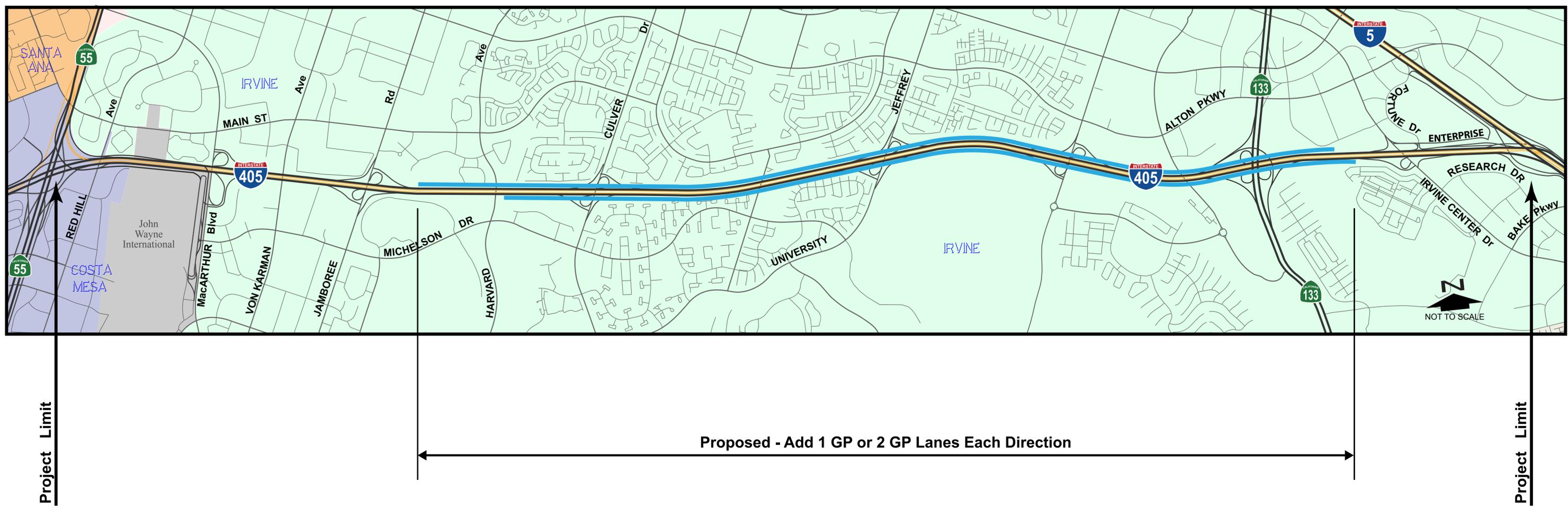
The proposed improvements also include new auxiliary lanes, ramp improvements and conversion to continuous access carpool lanes.



PROJECT LIMITS AND AREA OF IMPROVEMENTS



Interstate 405 Improvements Project from Interstate 5 to SR-55

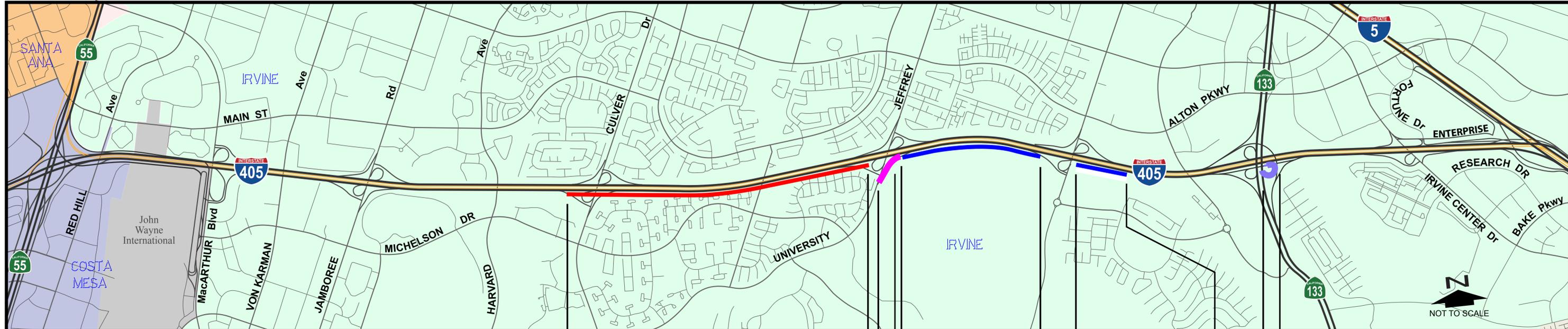


LEGEND

Proposed GP Lanes



OTHER PROGRAMMED IMPROVEMENTS



SB Lane Extension Project
Extend #5 GP Lane
(Date: 2018-2019)

SB AUX
Lane Project
(Date: 2018)

SB AUX
Lane Project
(Date: 2018)

Add third lane to
SB University Drive
On-Ramp (Date: 2017)

SB I405 to NB SR133
Connector (Widening)
(Date: 2017)

LEGEND

- SB Lane Extension Project, 2018-2019
- Add Third Lane to SB University Dr On-Ramp, 2017
- SB Aux Lane Project, 2018
- SB I-405 to NB SR-133 Connector Widening, 2017



STATION N^o 4

ENVIRONMENTAL REVIEW PROCESS



PURPOSE OF CEQA AND NEPA



- 1. Inform** governmental decisions makers and the public about potential, significant environmental effects of proposed projects.
- 2. Identify** ways that environmental effects can be avoided or significantly reduced.
- 3. Prevent** significant, avoidable environmental effects by requiring changes in project through the use of alternatives or mitigation measures when the governmental agency finds the changes to be feasible.
- 4. Disclose** reasons why an agency approved a project.



POTENTIAL ENVIRONMENTAL EFFECTS



PHYSICAL ENVIRONMENT



Noise



Hazardous Waste/Materials



Air Quality



Water Quality & Stormwater Runoff



Paleontology



Hydrology & Floodplain



Geology/Soils/
Seismic/Topography



BIOLOGICAL ENVIRONMENT



Wetlands & Other Waters



Plant Species



Natural Communities



Animal Species



Invasive Species



Threatened & Endangered Species



HUMAN ENVIRONMENT



Community Impacts



Visual Aesthetics



Land Use



Farmlands/
Timberlands



Utilities/
Emergency Services



Growth



Traffic & Transportation/
Pedestrian & Bicycle
Facilities



Cultural Resources



PUBLIC PARTICIPATION



CIRCULATION OF DRAFT ENVIRONMENTAL DOCUMENT

CIRCULATION

The public review period will be for a period of 30 calendar days.



OPEN HOUSE

During circulation, a public open house will be held for members of the public to learn about the project, view the draft environmental document and environmental studies, meet the project development team, and share their comments.



PUBLIC COMMENT

Comments received during the public review period will be included in the proposed final environmental document.

“Public participation is an essential part of the CEQA and NEPA process and reflects a belief that community members can make important contributions to environmental protections and notions of balanced decision-making through wide public involvement.”

– California Department of Transportation



MILESTONES AND NEXT STEPS



2015



INITIATE PROJECT

OCTA and Caltrans District 12 partnered to initiate development of the proposed project.



NOTICING & PUBLIC INFORMATION MEETING

A public information meeting will be held in November 2015 for members of the community to discuss project details with project representatives.

2016



CONDUCT TECHNICAL STUDIES

Technical experts will conduct preliminary design and technical studies for the environmental document, an Initial Study (IS)/Environmental Assessment (EA) under CEQA and NEPA respectively.



CIRCULATE DED & PUBLIC OPEN HOUSE

All technical studies will be compiled into a draft environmental document (DED), which will be available for public review and comment. During the public review period, a public open house will be held with project representatives available to respond to questions and informational exhibits will be on display for public viewing.

2017



IDENTIFY PREFERRED ALTERNATIVE

The project partners will recommend a preferred alternative. Caltrans is responsible for the ultimate approval of the Final Environmental Document and approval of the preferred alternative.



FINAL ENVIRONMENTAL DOCUMENT (FED)

The draft environmental document will be revised to include identification of the preferred alternative and revised per comments received during the public review period. The FED is anticipated to result in a Mitigated Negative Declaration (MND)/Finding of No Significant Impact (FONSI), under CEQA and NEPA respectively.



STATION N^o 5

STAY CONNECTED



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LEARN MORE ONLINE



octa.net/oc405south

SIGN UP TO RECEIVE PROJECT ALERTS



octa.net/getconnected

FOLLOW THE PROJECT ON SOCIAL MEDIA



facebook.com/oc405south



[@oc405south](https://twitter.com/oc405south)

QUESTIONS? CALL THE PROJECT HELPLINE



(714) 560-5777



STATION N^o 6

COMMENTS AND ELECTRONIC SURVEY

