



Update on Interstate 405 Improvement Project from Interstate 5 to State Route 55

Presentation to:

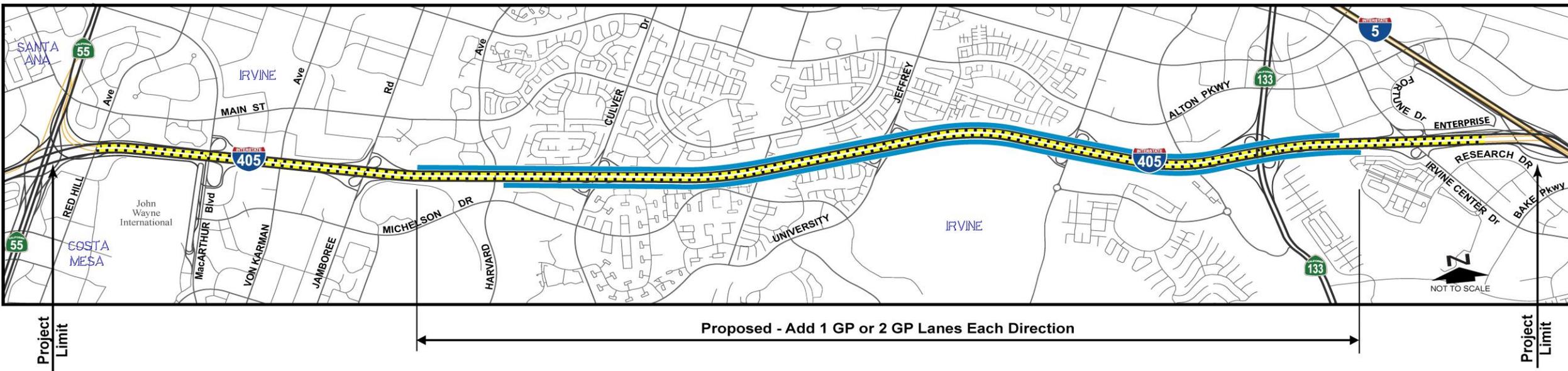
Citizens Advisory Committee

Bicycle/Pedestrian Subcommittee

December 12, 2017

Project Limits and Area of Improvements

Interstate 405 (I-405) Improvement Project from Interstate 5 to State Route 55



LEGEND

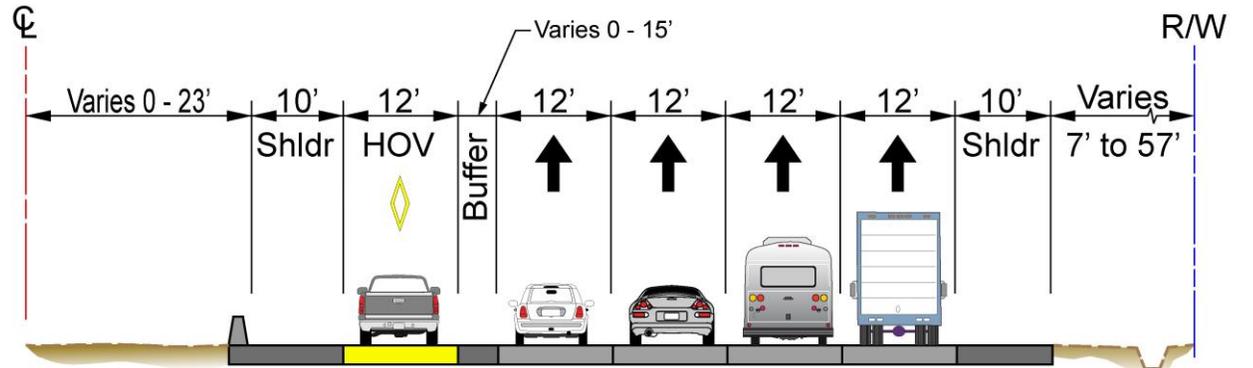
- Proposed GP Lanes
- Continuous HOV Access

- Project L in Measure M2 plan
- Average daily traffic is expected to grow 15 percent from 254,000 to 291,000 by 2050
- Adds new lanes, generally within existing right-of-way

Comparison of Alternatives

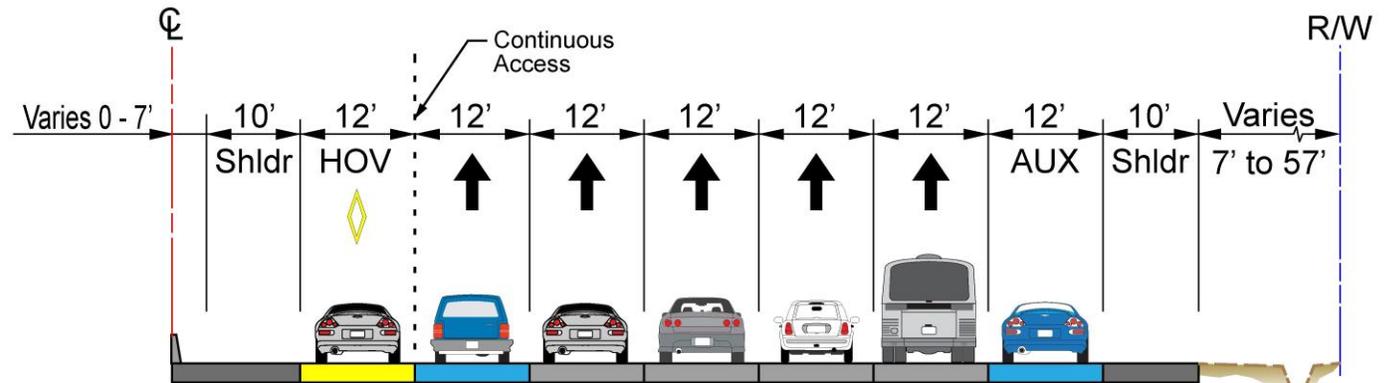
Alternative 1 - No Build:

Existing: 1 high-occupancy vehicle (HOV) lane and four general purpose (GP) lanes in each direction



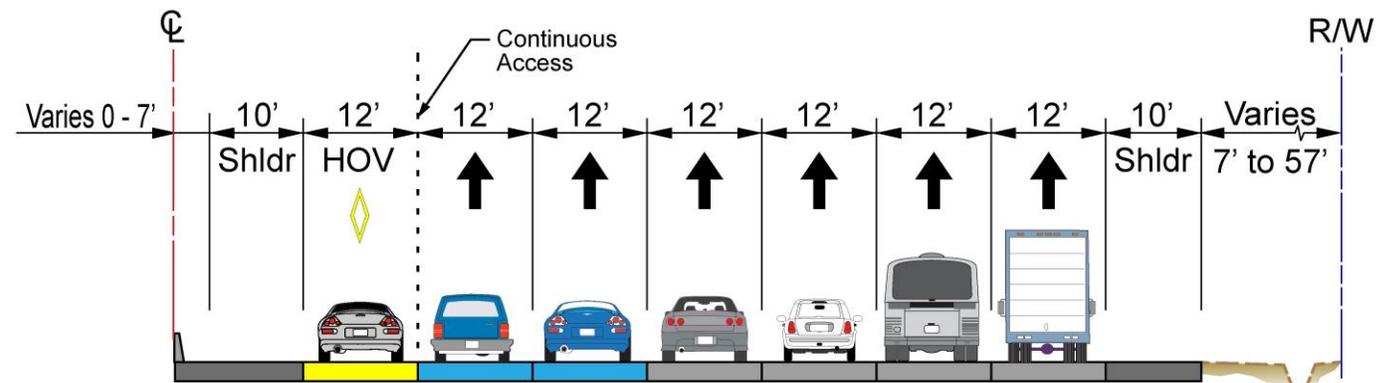
Alternative 2:

One HOV lane, five GP lanes, and one auxiliary lane in each direction



Alternative 3:

One HOV lane and six GP lanes in each direction



Traffic Benefits

Average Daily Traffic Volumes				
I-405 South	Existing	2050 – Alt 1 (No build)	2050 – Alt 2	2050 – Alt 3
Northbound	128,070	142,718	148,309	151,194
Southbound	125,379	148,466	152,249	154,806
Total	253,749	291,184	300,558	306,000

I-405 Freeway Mainline Average Speed (mph) *				
Peak Hour – 2050		Alternative 1 – No Build	Alternative 2	Alternative 3
Northbound	AM	37	51	53
	PM	40	51	54
Southbound	AM	46	57	61
	PM	45	55	57

* Area of GP lane addition from State Route 133 to Jamboree Road

Existing Bikeways



Bike/Ped Safety Features

Potential Bike-Ped safety features included in Draft Project Report:

- Striping modifications to provide continuous bike lane markings
- Bike detection equipment
- High visibility crosswalks
- Advanced pedestrian crossing signs and pavement markings

Potential Locations:

1. I-405/Irvine Center Drive (ICD) Interchange
2. I-405/Shady Canyon Drive/Sand Canyon Avenue Interchange
3. I-405/University Drive/ Jeffrey Road Interchange
4. I-405/Culver Drive Interchange

Bike/Ped Impacts

- Temporary impacts anticipated to the existing Class I Bikeways during construction.
- Further coordination with the City of Irvine and the County of Orange during the design phase of the project



Public Noticing and Outreach

GET INVOLVED

COMMENT DEADLINE: DEC. 15, 2017

Written comments submitted during the public review period will be reviewed and considered in the selection of the preferred alternative. Comments will be recorded and responded to within the final environmental document, and responses will not be sent directly to respondents. Responses will be available in the approved final environmental document, anticipated to be released in mid-2018.

Submit: comment card in comment box

Express: to the court reporter

Email: D12.405-South-Improvement-Project@dot.ca.gov

Mail: Scott Shelley, Caltrans District 12, Division of Environmental Analysis, 1750 4th Street #100, Santa Ana, CA 92705

STAY CONNECTED

LEARN MORE ONLINE

- octa.net/oc405south
- www.dot.ca.gov/d12/DEA/405/OK710

SIGN UP FOR PROJECT UPDATES

- octa.net/oc405south/signup

FOLLOW THE PROJECT ON SOCIAL MEDIA

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

CALL THE PROJECT TEAM

- (714) 560-5777

I-405 SOUTH IMPROVEMENT PROJECT FROM I-5 TO SR-55

SIGN-UP FOR PROJECT EMAIL UPDATES AT www.octa.net

CALTRANS AND OCTA SEEK PUBLIC COMMENTS

PUBLIC HEARING OPEN HOUSE FORMAT

**TUESDAY, DEC. 5, 2017
5 – 8 PM**

University Community Park
Multipurpose Room 2
1 Beech Tree Lane
Irvine, CA 92612



Caltrans and OCTA are proposing improvements to the I-405 between I-5 and SR-55. Alternatives include the addition of one or two regular lanes in each direction to reduce congestion and make your commute more efficient.

Please join us on Tuesday, Dec. 5, 2017 to learn about the proposed improvements, the environmental study process, and to share your comments.

STUDY RESULTS AVAILABLE FOR PUBLIC REVIEW

The draft environmental document evaluates the project's potential benefits and effects, and we'd like your input. This document is available for public review.

Environmental studies indicate that the proposed project will improve the quality of the environment.

View a copy of the document online, at the public hearing, or at the locations where the printed document is available.

DEADLINE TO COMMENT IS DEC. 15

Your comments are very important in identifying a way to be included and responded to in the proposed three ways to comment:

- SUBMIT** your written comments at the public hearing
- EMAIL** your written comments to Caltrans
- MAIL** your written comments to Caltrans at Caltrans District 12, ATTN: I-405 Comment Card, Santa Ana, CA 92705

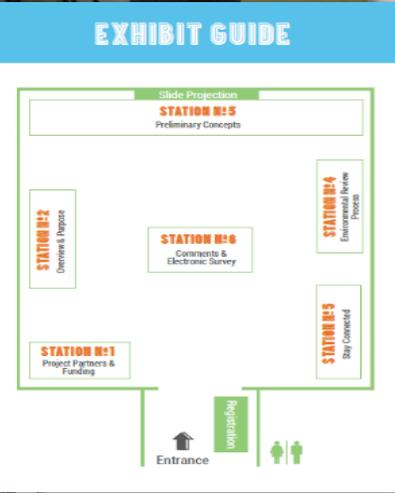
FOR MORE INFORMATION
octa.net/OC405south | 714-560-5777 | ahammann@octa.net



I-405 SOUTH IMPROVEMENT PROJECT FROM I-5 TO SR-55

FREQUENTLY ASKED QUESTIONS

- 1. WHAT IS THE I-405 SOUTH IMPROVEMENT PROJECT?**
The I-405 South Improvement Project from I-5 to SR-55 is a proposed freeway improvement project currently in the Project Approval and Environmental Document (PAED) phase, commonly referred to as the environmental review phase. The Orange County Transportation Authority (OCTA) and the California Department of Transportation (Caltrans) are studying how to address congestion and enhance freeway operations between I-5 and SR-55 freeways, by adding one or two general purpose lanes in each direction, adding auxiliary lanes and making various operational improvements to I-405, in the city of Irvine.
- 2. WHAT AGENCIES ARE RESPONSIBLE FOR THE PROPOSED PROJECT?**
OCTA is funding and managing the environmental review phase, and Caltrans is the Lead Agency under the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) as the lead agency. Caltrans is responsible for oversight and ultimately approving the alternative to move forward for design and construction.
- 3. WHY IS THE PROPOSED PROJECT NECESSARY?**
The I-405 freeway through Irvine plays a central role in progressing Orange County's mobility, economy and quality of life. This section of I-405 is already at capacity and in need of operational improvements. Between 207,000 and 316,000 motorists drive this 8.5 mile stretch every day; studies forecast that traffic will increase by between 25% and 58,000 daily trips by 2045. So, improving operations necessary to keep this segment of I-405 and Orange moving.
- 4. WHAT IS THE ENVIRONMENTAL REVIEW PROCESS AND WHY IS IT NECESSARY?**
The environmental review process was created to protect the quality of human and natural environments, and is mandated by the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). In accordance with these laws, agencies must follow protocol of analysis and public disclosure in their decision-making process for any proposed project which may potentially impact the environment. In this process, Caltrans will analyze effects on physical, biological, and human environments. If it is determined that the proposed project may have potentially significant effects, measures to avoid, minimize, and/or mitigate such impacts must be considered and implemented.



Activity	Start Date	End Date
Orange County Transportation Authority	Early 2015	Mid 2015
Caltrans	Mid 2015	Early 2017
City of Irvine	Mid 2015	Mid 2017
County of Orange	Mid 2015	Mid 2017
City of Newport Beach	Mid 2015	Mid 2017
City of Santa Ana	Mid 2015	Mid 2017
City of Tustin	Mid 2015	Mid 2017
City of Westminster	Mid 2015	Mid 2017
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Environmental Phase Schedule

