



ORANGE COUNTY TRANSPORTATION AUTHORITY

**Update on the Interstate 405 Improvement Project Between
State Route 55 and Interstate 605**

Staff Report



September 15, 2014

To: Regional Planning and Highways Committee

From: Darrell Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "Darrell Johnson", is written over the "From:" line.

Subject: Update on the Interstate 405 Improvement Project Between State Route 55 and Interstate 605

Overview

On July 25, 2014, the California Department of Transportation informed the Orange County Transportation Authority that Alternative 3, the tolled express lanes alternative, had been recommended as the project preferred alternative for improvements to the Interstate 405 Improvement Project between State Route 55 and Interstate 605. This report outlines how the Orange County Transportation Authority staff proposes to deliver Measure M2 Project K and the associated project delivery milestone schedule based on the California Department of Transportation's recommended project preferred alternative.

Recommendation

Consistent with direction provided by the Board of Directors on December 9, 2013, direct staff to continue implementing Measure M2 Project K, which adds one general purpose lane in each direction on Interstate 405 between Euclid Street and Interstate 605, and build in a manner to not preclude additional freeway capacity in the future.

Background

The environmental phase of project development for the Interstate 405 (I-405) Improvement Project (Project) includes three build alternatives:

- Alternative 1 adds a single general purpose (GP) lane in each direction on I-405 from Euclid Street to the Interstate 605 (I-605) interchange.
- Alternative 2 adds one GP lane in each direction on I-405 from Euclid Street to the I-605 interchange (as in Alternative 1), plus adds a second GP lane in the northbound (NB) direction from

Brookhurst Street to the State Route 22 (SR-22)/7th Street interchange, and a second GP lane in the southbound (SB) direction from the Seal Beach Boulevard on-ramp to Brookhurst Street.

- Alternative 3 adds one GP lane in each direction on I-405 from Euclid Street to the I-605 interchange (as in Alternatives 1 and 2), plus adds a tolled express lane in each direction on I-405 from State Route 73 (SR-73) to SR-22 east. The tolled express lanes would be combined with existing high-occupancy vehicle (HOV) lanes to provide dual express lanes in both the NB and SB directions on I-405 between SR-73 and I-605.

A key project delivery milestone was the public release of the Project draft environmental impact report/environmental impact statement (EIR/EIS) in mid-2012. The supplemental draft EIR/EIS was released in mid-2013 with additional traffic impact studies in Los Angeles County.

Discussion

On October 22, 2012, the Board recommended Alternative 1 as the locally preferred alternative (LPA) to the California Department of Transportation (Caltrans). On December 9, 2013, the Board reaffirmed the recommendation of Alternative 1 as the LPA to Caltrans and directed that Alternative 1 be built in a manner that does not preclude additional freeway capacity in the future.

On July 25, 2014, Caltrans informed the Orange County Transportation Authority (OCTA) that Alternative 3, in a phased approach, would be the recommended Project preferred alternative (PA). Under this phased approach, OCTA would construct one GP lane in each direction from Euclid Street to I-605, consistent with M2 Project K, as the first phase of the Project. Caltrans intends to pursue funding for the second phase, which entails Caltrans constructing an additional lane in each direction that would combine with the existing HOV lane to provide dual express lanes in each direction on I-405 from SR-73 to I-605. The proposed second phase is currently unfunded and the timing of implementation is unknown.

Caltrans has committed to working closely with OCTA staff to ensure timely completion of all necessary documentation that will facilitate final approval of the final EIR/EIS in early 2015. It is critical to complete the final EIR/EIS and final project report (PR) in a timely fashion. This will allow OCTA to initiate right-of-way (ROW) acquisition, which is the critical path for project delivery and can be a lengthy process. Caltrans has also committed to continue to

work closely with OCTA staff on the procurement documents leading to a design-build (D-B) contract that adds one GP lane in each direction as directed by the Board. Minimizing delay is crucial to the Project cost as any delay has cost escalation consequences.

D-B procurement documents that are ready to be released include the Industry Outreach Letter and request for qualifications (RFQ). Work continues on the draft D-B request for proposals (RFP). In addition, the construction management (CM) RFP is ready for release.

OCTA's program management consultant continues to work on preliminary engineering, ROW mapping, and coordination with third parties, including utility companies, Orange County Flood Control District, and other stakeholders.

If the Board approves the recommended action, the estimated timeframe for delivery of M2 Project K would be:

- October 2014 Issue CM RFP
- October 2014 Issue D-B Industry Outreach Letter
- November 2014 Issue D-B RFQ
- February 2015 Signed Final Environmental Document
- March 2015 Issue D-B Draft RFP
- May 2015 Notice of Determination/Record of Decision
- August 2015 Issue D-B Final RFP
- June 2016 Issue D-B Notice to Proceed
- 2016 – 2021 Design and Construct the Project

The D-B procurement dates above have been moved out approximately two months as compared to the dates provided at the June 23, 2014 Board meeting.

Summary

On July 25, 2014, the California Department of Transportation informed the Orange County Transportation Authority that Alternative 3, in a phased approach, would be the recommended Interstate 405 Improvement Project preferred alternative for improvements to the Interstate 405 between State Route 55 and Interstate 605. Staff is recommending moving forward with implementation of Measure M2 Project K as the first phase of the Interstate 405 Improvement Project, which adds one general purpose lane in each direction on Interstate 405 between Euclid Street and Interstate 605, and building in a manner to not preclude additional freeway capacity in the future.

Attachment

None.

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PowerPoint



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Background

- ❖ December 9, 2013 Orange County Transportation Authority (OCTA) Board of Directors (Board) Meeting
 - Reaffirmed October 2012 recommendation of Alternative 1 as the preferred alternative (PA) to the California Department of Transportation (Caltrans)
- ❖ June 23, 2014 Board Meeting
 - Discussed status of project, next steps, potential project risks, and continued project work
- ❖ July 25, 2014
 - Caltrans recommended Alternative 3, in a phased approach, as the PA
 - The first phase will be OCTA's Project K (one general purpose lane in each direction from Euclid Street to Interstate 605)
 - The second phase will be Caltrans' high-occupancy toll lane project, which is currently unfunded.



Status of Continued Project Work

Description	Ready to Release	In Development
Final Environmental Document and Project Report		X
Preliminary Engineering and Right-of-Way Mapping		X
Construction Management Request for Proposals (RFP)	X	
Design-Build (D-B) Industry Outreach Letter	X	
D-B Request for Qualifications (RFQ)	X	
Draft D-B RFP		X
Cooperative Agreement with Caltrans		X
Third Party Coordination		X
TIFIA* Letter of Interest Application		X

* Transportation Infrastructure Finance and Innovation Act



Updated Environmental and D-B Procurement Milestones

Description	June 2014 Schedule	Current Schedule
Caltrans PA Recommendation	July 2014	July 2014
Signed Final Environmental Document	February 2015	February 2015
Notice of Determination/Record of Decision	May 2015	May 2015
Issue D-B Industry Outreach Letter	August 2014	October 2014
Issue D-B RFQ	September 2014	November 2014
Issue D-B Draft RFP	January 2015	March 2015
Issue D-B RFP	June 2015	August 2015
D-B Award	February 2016	April 2016
D-B Notice to Proceed	April 2016	June 2016
Design/Construction	2016 to 2020	2016 to 2021