



October 3, 2022

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Amendment to Cooperative Agreement with the Orange County Flood Control District for the Interstate 405 Improvement Project

Overview

On May 9, 2016, the Orange County Transportation Authority Board of Directors approved Cooperative Agreement No. C-5-3617 with the Orange County Flood Control District for support services for the Interstate 405 Improvement Project. An amendment to the cooperative agreement is required for additional support services.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-5-3617 between the Orange County Transportation Authority and the Orange County Flood Control District, in the amount of \$500,000, for additional project support services for the Interstate 405 Improvement Project. This will increase the agreement amount to \$2,000,000.

Discussion

The Orange County Transportation Authority (OCTA), in cooperation with the California Department of Transportation (Caltrans) and the Orange County Flood Control District (OCFCD), is implementing the Interstate 405 (I-405) Improvement Project between State Route 73 (SR-73) and Interstate 605 (I-605) (Project). The Project will add one general purpose lane from Euclid Street to I-605, consistent with Measure M2 (M2) Project K, and will add an additional lane in each direction that will combine with the existing high-occupancy vehicle lane to provide dual express lanes in each direction of I-405 from SR-73 to I-605, otherwise known as the 405 Express Lanes. The Project includes improvements to numerous OCFCD-owned and maintained flood channels and storm drains throughout the Project limits, including major facilities at Ocean View, Bixby, East Garden Grove Wintersburg, Santa Ana, and Montecito channels as well as the Santa Ana River.

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On May 9, 2016, the OCTA Board of Directors (Board) approved Cooperative Agreement No. C-5-3617 with the OCFCD for support services for the Project. The reimbursement to OCFCD includes costs for plans and specifications review and concurrence, oversight of construction inspection, encroachment permit review, and document review, as requested by OCTA during design and construction of the Project.

The original scope of work assumed limited efforts for design review and construction inspection and assumed the construction period and associated OCFCD support services to end in early 2023. As the Project has progressed, it has become apparent that additional OCFCD support services are required based on the revised Project schedule and completion of construction of the flood control facilities in late 2023, with Project closeout to follow in 2024.

Additionally, OCFCD support services that were not anticipated during the development of the original scope of work and level of effort estimates, are now required and include the following:

- The analysis of corrosive resistant concrete measures at the Oceanview and Bixby channels to allow for longer term concrete protection for permanent flood control facilities.
- Design refinements at East Garden Grove Wintersburg channel as a result of access challenges and a revised method to install proposed drainage facility improvements under the I-405 freeway.
- Additional OCFCD reviews of multiple design alternatives to eliminate retaining walls at the Santa Ana River maintenance access road.
- Additional OCFCD reviews at the Montecito channel for various design alternatives to the proposed box culvert, including different alignments and box culvert geometries and configurations, capacity analysis reports, as well as information to support permitting efforts with resource agencies.

Fiscal Impact

Funding for this amendment is included in the OCTA Fiscal Year 2022-23 Budget, Capital Programs Division, account nos. 0017-9084-FK101-0I2 and 0037-9017-A9510-0I2 and is funded with a combination of federal, state, and local funds. The proposed amendment will be funded from the Project contingency and is not anticipated to increase the total Project estimate of \$2.08 billion.

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Summary

Staff requests Board of Directors' approval for the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-5-3617 with the Orange County Flood Control District, in the amount of \$500,000, for additional project support services for the Interstate 405 Improvement Project. This will increase the agreement amount to \$2,000,000.

Attachment

- A. Orange County Flood Control District, Cooperative Agreement No. C-5-3617 Fact Sheet

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