



May 6, 2019

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Amendment to Cooperative Agreement with the California Department of Transportation for the Interstate 5 Widening Project Between State Route 73 and Oso Parkway

Overview

On October 22, 2018, the Orange County Transportation Authority Board of Directors approved Cooperative Agreement No. C-8-1960 with the California Department of Transportation to implement the construction phase for the Interstate 5 widening project between State Route 73 and Oso Parkway. An amendment to the cooperative agreement is required to modify and increase construction capital funding based on the latest engineering cost estimate.

Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Amendment No. 1 to Cooperative Agreement No. C-8-1960 between the Orange County Transportation Authority and the California Department of Transportation, to increase construction funding, in the amount of \$9,274,000, for construction of Segment 1 – Interstate 5 widening project between State Route 73 and Oso Parkway. This will increase the maximum obligation of the construction phase of the agreement to a total contract value of \$142,563,000.
- B. Authorize the use of up to \$6,433,000 in Highway Infrastructure Program funds for Segment 1 – Interstate 5 widening project between State Route 73 and Oso Parkway.
- C. Authorize the use of up to \$2,841,000 in Proposition 1B Trade Corridor Improvement Fund project deallocations from the State Route 91 project from Interstate 5 to State Route 57, Tustin Avenue/Rose Drive railroad grade separation, and Orangethorpe Avenue railroad grade separation to Segment 1 – Interstate 5 widening project between State Route 73 and Oso Parkway.

- D. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program and execute or amend all necessary agreements to facilitate the above recommendations.

Discussion

The Orange County Transportation Authority (OCTA), in partnership with the California Department of Transportation (Caltrans), is implementing the Interstate 5 (I-5) widening project between State Route 73 (SR-73) and El Toro Road (Project). The Project is part of Projects C and D in the Measure M2 (M2) freeway program and is being advanced through the updated Next 10 Delivery Plan approved by the OCTA Board of Directors (Board) in November 2017.

The Project will add general purpose lanes in each direction on I-5 between Avery Parkway and Alicia Parkway, extend the second high-occupancy vehicle lane from El Toro Road to Alicia Parkway in each direction, re-establish existing auxiliary lanes, and construct new auxiliary lanes at various locations. In addition, the Project will reconstruct the Avery Parkway and La Paz Road interchanges, improve several existing on- and off-ramps, and convert existing and proposed carpool lanes to continuous access.

Final design for Segments 1 and 3 is nearing completion, and Segment 2 construction will start soon. The three segments have the following Project limits:

- Segment 1 extends from SR-73 to south of Oso Parkway
- Segment 2 extends from south of Oso Parkway to south of Alicia Parkway
- Segment 3 extends from south of Alicia Parkway to El Toro Road

Bid documents for Segment 1 are being prepared for the construction contract which is expected to be advertised in mid-2019. The total construction capital funding for Segment 1 previously approved by the Board on October 22, 2018 is \$112,008,00, comprised of \$15,340,000 in Local Partnership Program funds, \$65,171,000 in State Transportation Improvement Program funds, \$26,991,000 in Proposition 1B Trade Corridor Improvement Fund (TCIF), and \$4,506,000 in M2 funds.

The current construction cost estimate was updated to \$121,282,000, based on bids that Caltrans received for recently advertised freeway improvement projects, including Segment 2 of the I-5 widening project from Oso Parkway to Alicia Parkway. The resultant cost increase is \$9,274,000, and is mostly due to the higher cost for overhead and materials, such as concrete, steel, asphalt, and

aggregate base. The increase of \$9,274,000 in construction capital consists of \$6,433,000 in federal Highway Infrastructure Program (HIP) funds that were made available by the federal government for a one-time infusion on March 26, 2019, and \$2,841,000 in additional Proposition 1B TCIF, which were not able to be used for other OCTA projects. The use of these funding programs for Segment 1 is consistent with the Capital Programming Policies established by the Board and will help preserve M2 freeway program funds for future projects.

Fiscal Impact

Funding is included in OCTA's Fiscal Year 2018-19 Budget, Capital Programs Division, Account 0017-9084-FC102-06W, and is funded with a combination of federal, state, and local funds.

Summary

Staff requests Board approval for the Chief Executive Officer to negotiate and execute Amendment No. 1 to Cooperative Agreement No. C-8-1960 between OCTA and Caltrans, to increase construction funding, in the amount of \$9,274,000, for construction of Segment 1 – Interstate 5 widening project between State Route 73 and Oso Parkway. This will increase the maximum obligation of the construction phase of the agreement to a total contract value of \$142,563,000. With Board approval, the cost increase will be supported by using \$6,433,000 in HIP funds and \$2,841,000 in Proposition 1B TCIF.

Attachments

- A. Capital Funding Program Report
- B. California Department of Transportation, Cooperative Agreement No. C-8-1960 Fact Sheet

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