



May 4, 2020

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Cooperative Agreements with the California Department of Transportation for the 91 Express Lanes Toll Entrance Gantries Infrastructure Project

Overview

The Orange County Transportation Authority proposes to enter into two cooperative agreements with the California Department of Transportation to define roles, responsibilities, and funding obligations for the design and construction phase of the 91 Express Lanes toll entrance gantries infrastructure project.

Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-0-2275 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$115,000, to provide reimbursement for final plans, specifications, and estimate, construction bid documents, and advertisement and award of the construction contract for the 91 Express Lanes toll entrance gantries infrastructure project.
- B. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-0-2276 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$1,950,000, to provide reimbursement for construction capital funding and construction management services for the 91 Express Lanes toll entrance gantries infrastructure project.

Discussion

The 91 Express Lanes is a four-lane, 18-mile tolled facility in the median of State Route 91 (SR-91) between the State Route 55 (SR-55) and Interstate 15 (I-15) interchange. The Orange County Transportation

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Authority (OCTA) operates the portion of the 91 Express Lanes that extends from SR-55 to the Orange County/Riverside County line, and the Riverside County Transportation Commission (RCTC) operates the remaining portion into Riverside County.

In June 2018, OCTA entered into an agreement with Kapsch TrafficCom USA, Inc. (Kapsch), to replace the 91 Express Lanes electronic toll and traffic management (ETTM) system and to install additional toll reader equipment at the three entrances to the Orange County segment of the 91 Express Lanes (Project). The Project scope includes removal and replacement of the two existing gantry overhead structures for the eastbound (EB) express lane entrances in order to meet California Department of Transportation (Caltrans) standards. The original westbound (WB) express lane entrance gantry was removed as part of RCTC's SR-91 improvements. The Project will also construct a new WB express lane gantry structure near the Coal Canyon undercrossing to house new ETTM equipment that will be installed by Kapsch. The Project plans, specification, and estimate (PS&E) were completed by Parsons.

The proposed cooperative agreements with Caltrans for the design and construction phase specify the roles and responsibilities of the parties for the Project. Parsons will submit the PS&E to Caltrans for final review. Caltrans will finalize the contract packaging, advertise and award the construction contract, and provide construction administration and management for construction of the toll entrance gantries and oversight of the installation of the ETTM system toll entrance reader equipment at three locations:

- WB SR-91 west side of Coal Canyon undercrossing (Post Mile 17.9)
- EB SR-91 from northbound SR-55 (Post Mile 9.2)
- EB SR-91 from EB SR-91 (Post Mile 9.9)

Fiscal Impact

Funding for these services will be proposed in OCTA's Fiscal Year 2020-21 Budget, 91 Express Lanes, accounts 0036-7610-B3250-TDV and 0036-7610-B3250-OBS, and will be funded with toll revenues.

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Summary

Staff requests Board of Directors' approval for the Chief Executive Officer to negotiate and execute, with Caltrans, Cooperative Agreement No. C-0-2275, in the amount of \$115,000, to advertise and award the construction contract, and Cooperative Agreement No. C-0-2276, in the amount of \$1,950,000, for construction and construction management services for the 91 Express Lanes toll entrance gantries infrastructure project.

Attachment

None.

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