



**October 5, 2020**

**To:** Regional Planning and Highways Committee

**From:** Darrell E. Johnson, Chief Executive Officer

**Subject:** Amendment to Cooperative Agreement with the City of Fountain Valley for the Interstate 405 Improvement Project

**Overview**

On March 14, 2016, the Orange County Transportation Authority Board of Directors approved Cooperative Agreement No. C-5-3613 with the City of Fountain Valley for city services required during the design-build implementation of the Interstate 405 Improvement Project. An amendment to the cooperative agreement is needed for the procurement and installation of emergency vehicle preemption at key signal locations within the City of Fountain Valley.

**Recommendation**

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 5 to Cooperative Agreement No. C-5-3613 between the Orange County Transportation Authority and the City of Fountain Valley, in the amount of \$374,000, for the procurement and installation of emergency vehicle preemption at 28 proposed signal locations, as part of the Interstate 405 Improvement Project. This will increase the maximum obligation of the cooperative agreement to a total value of \$5,023,708.

**Discussion**

The Orange County Transportation Authority (OCTA), in cooperation with the California Department of Transportation and the cities of Costa Mesa, Fountain Valley, Huntington Beach, and Westminster, 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 Project K, and will add an additional lane in each direction that would combine with the existing high-occupancy vehicle lane to provide dual express lanes in each direction on I-405 from SR-73 to I-605. The Project includes improvements to city-owned and operated streets, and city traffic facilities impacted by the Project.

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On March 14, 2016, the OCTA Board of Directors approved a cooperative agreement with the City of Fountain Valley (City) for city services to be provided during the design-build implementation of the Project. The reimbursement to the City includes costs for review and approval of plans, specifications, and reports, and oversight of construction inspection services for city facilities, review and acceptance of the transportation management plan, traffic engineering, and police services during design and construction of the Project (Attachment A).

The City has agreed to critical schedule mitigation measures to construct the Warner Avenue bridge in a single stage and to start construction of the Brookhurst Street bridge earlier than planned, immediately after Bushard Street is fully open to traffic, but before the Talbert Avenue bridge is open to traffic. A traffic analysis was performed and identified various city intersections affected by the schedule mitigation measures. To mitigate the impacts to these intersections during construction, OCTA will coordinate with the City to adjust the signal timing and other improvements at these intersections and will continue to monitor traffic operations to determine if any additional adjustments are necessary. Additionally, OCTA will mitigate the impacts to emergency vehicle response times at key intersections during construction by reimbursing the City a lump sum amount of \$374,000 in order for the City to procure and install emergency vehicle preemption at 28 proposed signal locations. This will supplement the City's existing emergency vehicle preemption network as shown in Attachment B to minimize impacts to emergency response times during construction.

Attachment C to this report depicts the revised reimbursement amount for the City. The proposed amendment will be funded from the Project contingency and is not anticipated to increase the total project estimate of \$1.9 billion.

### **Fiscal Impact**

Funding for this amendment is included in OCTA's Fiscal Year 2020-21 Budget, Capital Programs Division, accounts 0017-9084-FK101-0I2 and 0037-9017-A9510-0I2, and is funded with a combination of federal, state, and local funds.

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**Summary**

Staff requests Board of Directors' approval for the Chief Executive Officer to negotiate and execute Amendment No. 5 to Cooperative Agreement No. C-5-3613 with the City of Fountain Valley, in the amount of \$374,000, for the procurement and installation of emergency vehicle preemption at 28 proposed signal locations within the City of Fountain Valley, as part of the Interstate 405 Improvement Project.

**Attachments**

- A. City of Fountain Valley, Cooperative Agreement No. C-5-3613 Fact Sheet
- B. City of Fountain Valley Emergency Vehicle Preemption Map
- C. Revised Schedule A, Reimbursement/Contribution Schedule for Combined City Services, City of Fountain Valley

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