




**November 4, 2019**

**To:** Regional Planning and Highways Committee   
**From:** Darrell E. Johnson, Chief Executive Officer  
**Subject:** Amendment to Cooperative Agreement with the City of Costa Mesa for the Interstate 405 Improvement Project

### **Overview**

On March 14, 2016, the Orange County Transportation Authority Board of Directors approved Cooperative Agreement No. C-5-3612 with the City of Costa Mesa for city services required during the design-build implementation of the Interstate 405 Improvement Project. The cooperative agreement needs to be amended for additional city support services during the design and construction of the project.

### **Recommendation**

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-5-3612 between the Orange County Transportation Authority and the City of Costa Mesa, in the amount of \$249,500, for additional city services for the Interstate 405 Improvement Project. This will increase the maximum obligation of the cooperative agreement to a total value of \$1,256,380.

### **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.

On March 14, 2016, the OCTA Board of Directors approved a cooperative agreement with the City of Costa Mesa (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 level of effort incorporated into the original cooperative agreement was estimated, and included limited efforts for design review and construction inspection, as these were not fully developed or understood at the time. At this time, both OCTA and City staff have a better understanding of the level of effort needed for the City to effectively provide the support necessary for successful delivery of the Project.

The original scope of work (SOW) assumed the design period would span approximately 15 months, and the Project would be divided into large design segments. OC 405 Partners' (OC405) design period is currently about 30 months based on contractual requirements and the magnitude of the Project, which is 15 months longer than anticipated. Due to the complexity of the Project, OC405 also elected to divide the Project into smaller design packages to allow an earlier start date for certain construction elements, as allowed by the Project contract. This has resulted in additional City engineering support in terms of increased labor and time periods needed to review the increased number of design packages.

Additional City support was also needed for the redesign of the traffic handling plans for the reconstruction of the northbound I-405 off-ramp to Fairview Road and the collector-distributor (CD) road to Fairview Road/Susan Street/Harbor Boulevard. This modification results in more efficient construction of this complex area of off-ramps and CD road by enabling construction of numerous elements under one closure. This required additional City design reviews of the revised construction staging and traffic handling plans, and additional coordination meetings with the City. This was not anticipated in the original SOW.

The widening of the Harbor Boulevard undercrossing has presented unanticipated construction challenges that have incurred additional City support services. For instance, delivering and installing piles in the center median on Harbor Boulevard had to be performed during night and weekend shifts to avoid significant traffic congestion on Harbor Boulevard and resultant impacts to other City streets. Additionally, the partial demolition of the Harbor Boulevard

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undercrossing had to be performed over multiple nighttime shifts to ensure adequate emergency services access. These activities have resulted in additional City reviews of traffic control plans, coordination meetings, and additional City inspection services beyond the original anticipated level of effort.

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

### **Fiscal Impact**

Funding for this amendment is included in OCTA's Fiscal Year 2018-19 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.

### ***Summary***

Staff requests Board of Directors' approval for the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-5-3612 with the City of Costa Mesa, in the amount of \$249,500, for additional city services during design and construction of the Interstate 405 Improvement Project

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***Attachments***

- A. City of Costa Mesa, Cooperative Agreement No. C-5-3612 Fact Sheet
- B. Revised Schedule A – Reimbursement Schedule for the City of Costa Mesa

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