



**October 4, 2021**

**To:** Regional Planning and Highways Committee

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

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

### **Overview**

On May 9, 2016, the Orange County Transportation Authority Board of Directors approved Cooperative Agreement No. C-6-1126 with the City of Seal Beach for 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 construction of the Interstate 405 Improvement Project.

### **Recommendation**

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-6-1126 between the Orange County Transportation Authority and the City of Seal Beach, in the amount of \$370,000, for additional services for the Interstate 405 Improvement Project. This will increase the maximum obligation of the cooperative agreement to a total value of \$740,600.

### **Discussion**

The Orange County Transportation Authority (OCTA), in cooperation with the California Department of Transportation (Caltrans) and the cities of Costa Mesa, Fountain Valley, Huntington Beach, Seal Beach (City), and Westminster, and 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, city traffic facilities, and city utilities impacted by the Project. OCTA used a design-build (DB) delivery method for the procurement, design, and construction

of the Project. On November 14, 2016, the OCTA Board of Directors (Board) approved the award of the DB contract to OC 405 Partners (OC405).

On May 9, 2016, the OCTA Board approved a cooperative agreement with the City for its services to be provided during the DB implementation of the Project. The reimbursement to the City includes costs for review and approval of plans, specifications and reports, oversight of construction inspection services for city facilities, review and acceptance of the transportation management plan, traffic engineering, and police services during construction of the Project.

More specifically, the cooperative agreement reimburses the City to review and approve the construction staging plans, maintenance of traffic (MOT) plans, detour plans, and each temporary traffic control plan for work impacting city streets. City construction inspection and traffic signal operations support are also required for implementation of the MOT, detour and temporary traffic control elements, and are reimbursed through the cooperative agreement. The City provides its police traffic support on an as-needed basis.

Recently, OCTA staff worked with the City to implement a construction schedule mitigation strategy with the long-term closure of the westbound State Route 22 on-ramp at Old Ranch Parkway. The extended closure allowed the ramp to be reconstructed more efficiently in a single stage and allowed a major drainage channel improvement to be constructed over one dry season as opposed to multiple seasons. This schedule mitigation measure reduced the overall ramp reconstruction duration by approximately six months. To accommodate this change, an environmental revalidation with traffic analysis in accordance with Caltrans requirements were prepared. In addition, revised design plans and revised construction staging and MOT plans on local streets were prepared. The review of these revised plans required the City to provide additional engineering review and construction support efforts beyond the original estimate.

OCTA also worked with city staff to address its concerns regarding potential damage to a city waterline in close proximity to the Almond soundwall reconstruction zone. A waterline protection plan was prepared and required extensive city review and approval. In addition, OCTA provided detailed information to the City regarding the proposed soundwall reconstruction sequencing and methods. The review of the plan required the City to provide additional engineering review and construction support efforts beyond the original estimate.

The original scope of work assumed the construction period and associated city support services to end in early 2023. Additional city support is needed to accommodate the current construction completion milestone date which is now late 2023.

The review and implementation of the schedule mitigation strategy within the City provided a significant benefit to OCTA related to maintaining the current project schedule. In addition, by having a waterline protection plan in place, it reduces the risks to damaging the City's waterline during construction and allows soundwall construction to proceed more efficiently, which also helps maintain the current project schedule. To obtain city concurrence on these items, the City required more senior staff involvement and additional city staff efforts to coordinate, review, and implement these elements that allowed construction to proceed more efficiently. These increased efforts by the City account for approximately 85 percent of the additional funds requested. The extended construction period from the original early 2023 substantial completion date to the current late 2023 substantial completion date accounts for approximately 15 percent of the additional funds requested.

Attachment B to this report depicts the revised reimbursement amount for city services. The proposed amendment will be funded from the project contingency and is not anticipated to increase the total project estimate of \$2.08 billion.

#### **Fiscal Impact**

Funding for this amendment is included in OCTA's Fiscal Year 2021-22 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.

#### ***Summary***

Staff recommends the Board of Directors authorize the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-6-1126 with the City of Seal Beach, in the amount of \$370,000, to provide additional services for the Interstate 405 Improvement Project.

***Attachments***

- A. City of Seal Beach, Cooperative Agreement No. C-6-1126 Fact Sheet
- B. Revised Schedule A, Reimbursement Schedule for Combined City Services, City of Seal Beach

**Prepared by:**



Jeff Mills, P.E.  
Senior Program Manager  
(714) 560-5925

**Approved by:**



James G. Beil, P.E.  
Executive Director, Capital Programs  
(714) 560-5646



Pia Veasapen  
Director, Contracts Administration and  
Materials Management  
(714) 560-5619