




August 2, 2021

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer  For

Subject: Cooperative Agreements for Regional Traffic Signal Synchronization Program Projects

Overview

On May 10, 2021, the Orange County Transportation Authority Board of Directors approved the programming of Measure M2 Regional Traffic Signal Synchronization Program funds to three projects as part of the 2021 call for projects. As part of the application process, the Orange County Transportation Authority was requested to be the lead agency for all three projects: Alton Parkway, First Street/Bolsa Avenue, and Portola Parkway/Santa Margarita Parkway projects. Cooperative agreements are necessary for each of these projects to specify the roles and required amount of the local agency match as specified in the application.

Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-1-3597 between the Orange County Transportation Authority and the cities of Irvine and Lake Forest for the Alton Parkway Regional Traffic Signal Synchronization Program Project, with local agency in-kind services and cash matching funds totaling \$759,558.
- B. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-1-3598 between the Orange County Transportation Authority and the cities of Huntington Beach, Santa Ana, Tustin, Westminster, and the County of Orange for the First Street/Bolsa Avenue Regional Traffic Signal Synchronization Program Project, with local agency in-kind services and cash matching funds totaling \$774,378.
- C. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-1-3599 between the Orange County Transportation Authority and the cities of Lake Forest, Mission Viejo, and

Rancho Santa Margarita for the Portola Parkway/Santa Margarita Parkway Regional Traffic Signal Synchronization Program Project, with local agency in-kind services and cash matching funds totaling \$575,550.

Discussion

The Orange County Transportation Authority (OCTA) will serve as the lead agency for three Regional Traffic Signal Synchronization Program (RTSSP) projects: Alton Parkway, First Street/Bolsa Avenue, and Portola Parkway/Santa Margarita Parkway. As the project lead, OCTA will manage and administer the implementation of the project's scope of work, which facilitates consensus amongst the multiple participating agencies and alleviates any local agency staffing resource limitations. OCTA has served as lead agency for prior RTSSP projects. As authorized by the Board of Directors on May 10, 2021, these three projects are planned to begin in fiscal year (FY) 2021-22 with completion in 2025. The projects are divided into two separate phases of primary implementation, lasting approximately one year, followed by an ongoing operations and maintenance phase of 24 months.

Cooperative agreements are required for each of these projects to outline the roles and designated responsibilities of OCTA, the partnering agencies regarding the implementation of the projects, and to specify the amount and type of each local agency's match as identified in the application. A minimum of 20 percent local match is required per the requirements of the RTSSP as specified in the 2021 Comprehensive Transportation Funding Guidelines (Chapter 8, Page 4), as well as the Measure M2 (M2) Ordinance. The following is a summary of each project's limits, number of signalized intersections (signals), traffic data, number of agencies included in the project, and estimated cost:

- Alton Parkway (Red Hill Avenue to Portola Parkway): The corridor is approximately 12.8 miles and includes 50 traffic signals. The corridor passes through the cities of Irvine and Lake Forest. The project cost is estimated at \$3,797,787, with local agency in-kind services and cash match totaling \$759,558.
- First Street/Bolsa Avenue (Bolsa Chica Street to Newport Avenue): The corridor is approximately 13.1 miles and includes 55 traffic signals. The corridor passes through cities of Huntington Beach, Santa Ana, Tustin, Westminster, and the County of Orange. The project cost is estimated at \$3,871,890, with local agency in-kind services and cash match totaling \$774,378.
- Portola Parkway/Santa Margarita Parkway (Paloma to Plano Trabuco Road): The corridor is approximately 7.6 miles and includes 31 traffic signals. The corridor passes through the cities of Lake Forest,

Mission Viejo, and Rancho Santa Margarita. The project cost is estimated at \$2,877,748, with local agency in-kind services and cash match totaling \$575,550.

Fiscal Impact

The total cost of implementing the three RTSSP projects is \$10,547,425. The funding for these three projects will come from M2 Project P, included in the OCTA FY 2021-22 Budget, Account No. 0017-7519-SP001-P57, with matching funds provided by the local agencies through in-kind services and cash for a total amount of \$2,109,486.

Summary

Staff requests Board of Directors' approval for the Chief Executive Officer to negotiate and execute three cooperative agreements between the Orange County Transportation Authority and the respective cities for the required local matching funds in the amounts of \$759,558 for Alton Parkway, \$774,378 for First Street/Bolsa Avenue, and \$575,550 for Portola Parkway/Santa Margarita Parkway, and to define roles, duties, governance, and fiscal responsibilities for the Regional Traffic Signal Synchronization Program projects.

Attachment

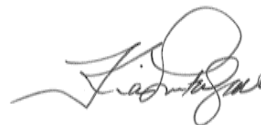
None.

Approved by:

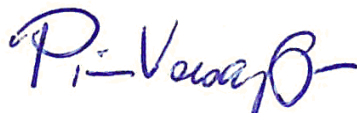


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