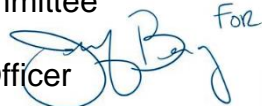




August 1, 2022

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer 

Subject: Cooperative Agreements for Regional Traffic Signal Synchronization Program Projects

Overview

On May 9, 2022, the Orange County Transportation Authority Board of Directors awarded Measure M2 Regional Traffic Signal Synchronization Program funds to five projects as part of the 2022 call for projects. Through the application process, the responsible local agencies requested the Orange County Transportation Authority to oversee the implementation of three of the five projects, Bake Parkway and Rockfield Boulevard, Crown Valley Parkway, and Moulton Parkway. Cooperative agreements are necessary for each of these projects to specify the roles and required amount of the local agency matching funds as specified in the applications.

Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2632 between the Orange County Transportation Authority and the cities of Irvine, Laguna Hills, and Lake Forest for the Bake Parkway and Rockfield Boulevard Regional Traffic Signal Synchronization Program Project, with local agency in-kind services and cash-matching funds totaling \$626,686.
- B. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2633 between the Orange County Transportation Authority and the cities of Dana Point, Laguna Niguel, Mission Viejo, and the County of Orange for the Crown Valley Parkway Regional Traffic Signal Synchronization Program Project, with local agency in-kind services and cash-matching funds totaling \$587,318.
- C. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2634 between the Orange County Transportation Authority and the cities of Dana Point, Laguna Hills, and Laguna Niguel for the Moulton Parkway Regional Traffic Signal

Synchronization Program Project, with local agency in-kind services and cash-matching funds totaling \$662,913.

Discussion

The Orange County Transportation Authority (OCTA) will serve as the lead agency for three Regional Traffic Signal Synchronization Program (RTSSP) projects: Bake Parkway and Rockfield Boulevard, Crown Valley Parkway, and Moulton Parkway. As the project lead, OCTA will manage and administer the implementation of the project's scope of work to facilitate consensus amongst the multiple participating agencies and alleviate any local agency staffing resource limitations. OCTA has successfully served as lead agency for prior RTSSP projects and uses professional services funded by RTSSP to accomplish this service. As authorized by the Board of Directors on May 9, 2022, these three projects are planned to begin in fiscal year (FY) 2022-23 with completion in 2026. Each project will be 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 2022 Comprehensive Transportation Funding guidelines (Chapter 8, Page 4), and consistent with the Measure M2 (M2) Ordinance. The following is a summary of each project's limits, number of signalized intersections (signals), number of agencies included in the project, and estimated cost:

- Bake Parkway and Rockfield Boulevard (Lake Forest Drive to Rue de Fortuna): The corridor is approximately 8.9 miles and includes 33 traffic signals. The corridor passes through the cities of Irvine, Laguna Hills, and Lake Forest. The project cost is estimated at \$3,133,426, with local agency in-kind services and cash match totaling \$626,686.
- Crown Valley Parkway (Antonio Parkway to Pacific Coast Highway): The corridor is approximately 9.2 miles and includes 30 traffic signals. The corridor passes through cities of Dana Point, Laguna Niguel, Mission Viejo, and the County of Orange. The project cost is estimated at \$2,936,591, with local agency in-kind services and cash match totaling \$587,318.
- Moulton Parkway (Glenwood Drive to Pacific Coast Highway): The corridor is approximately 10 miles and includes 34 traffic signals. The corridor passes through the cities of Dana Point, Laguna Hills, and

Laguna Niguel. The project cost is estimated at \$3,314,566, with local agency in-kind services and cash match totaling \$662,913.

Fiscal Impact

The total cost of implementing the three RTSSP projects is \$9,384,583. The funding for these three projects will come from M2 Project P, included in the OCTA FY 2022-23 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 \$1,876,917.

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 \$626,686 for Bake Parkway and Rockfield Boulevard, \$587,318 for Crown Valley Parkway, and \$662,913 for Moulton Parkway, and to define roles, duties, governance, and fiscal responsibilities for the Regional Traffic Signal Synchronization Program projects.

Attachment

None.

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