



Agenda Report

Fullerton City Council

MEETING DATE: OCTOBER 20, 2020

TO: CITY COUNCIL / CITY MANAGER

SUBMITTED BY: KENNETH A. DOMER, CITY MANAGER

PREPARED BY: MEG McWADE, PUBLIC WORKS DIRECTOR
DAVID LANGSTAFF, SENIOR TRAFFIC ENG. ANALYST

SUBJECT: ORANGE COUNTY TRANSPORTATION AUTHORITY
PILOT REGIONAL SIGNAL PERFORMANCE MEASURE
PROJECT – BROOKHURST ROAD

SUMMARY

On April 1, 2019, the Orange County Transportation Authority (OCTA), entered into an agreement with Iteris, Inc. (Iteris), for procurement of a proprietary signal performance platform. The Iteris proprietary measure platform is known as Iteris SPM. Implementation of the SPM project is a pilot signal performance measure platform for the region to evaluate. Therefore, OCTA is requesting participation from the cities of Fullerton, Anaheim, Garden Grove, Westminster, Fountain Valley and Huntington Beach, by means of a Memorandum of Understanding (MOU), to connect their signals to the SPM.

RECOMMENDATION

1. Approve MOU No. C-0-2438 for OCTA Pilot Regional Signal Performance Measure (SPM) Project on Brookhurst Road, between OCTA and City of Fullerton, in a form approved by the City Attorney.
2. Authorize Public Works Director to sign MOU and any subsequent revisions.

PRIORITY POLICY STATEMENT

This item matches the following Priority Policy Statement:

- Infrastructure and City Assets.

FISCAL IMPACT

There is no cost to the City aside from minimal staff support involving signal timing oversight.

DISCUSSION

The SPM project requires traffic signal controllers to meet the Advanced Transportation Controllers (ATC) specifications and that a communication link be established between a remote location and the City's traffic signals, for the purpose of monitoring signal performance. The data collected through the SPM platform will be made available for the purpose of traffic signal coordination and maintenance operations. The information will facilitate the optimization of traffic signal synchronization and allow for a multi-jurisdictional coordinated response to traffic congestion.

OCTA requires access to the Traffic Management Center for traffic signal monitoring purposes along the Brookhurst Road corridor. OCTA agrees to configure and install SPM at a City-designated workstation to enable operations with SPM at no cost to the City and to maintain the SPM platform tool installed at City work station. The City agrees to be solely responsible for maintaining traffic signal timing to promote coordinated traffic operations, multi-jurisdictional cooperation and improve arterial traffic conditions. The City also agrees to share City data provided through SPM with other City-authorized agencies or entities.

OCTA will retain oversight of the project. Fullerton Staff and traffic engineering consultants will serve as liaisons and provide on-site support. This MOU will remain in effect through June 30, 2021, unless terminated earlier by either party.

Attachments:

- Attachment 1 - Memorandum of Understanding (MOU) Agreement No. C-0-2438