



Agenda Report

Fullerton City Council

MEETING DATE: NOVEMBER 20, 2018

TO: CITY COUNCIL / CITY MANAGER

SUBMITTED BY: KENNETH A. DOMER, CITY MANAGER

PREPARED BY: YELENA VORONEL, ACTING DIRECTOR OF
ENGINEERING
DAVID LANGSTAFF, TRAFFIC ENGINEERING ANALYST

SUBJECT: GRANT FUNDING FOR HARBOR BOULEVARD
REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION
PROGRAM

SUMMARY

To submit grant application(s) to the Orange County Transportation Authority for the Project P/Regional Traffic Signal Synchronization Program under the Competitive Measure M2 Regional Traffic Signal Synchronization Program.

RECOMMENDATION

Adopt Resolution No. 2018-XX.

RESOLUTION NO. 2018-XX – A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FULLERTON, CALIFORNIA, AUTHORIZING APPLICATION FOR FUNDS TO THE ORANGE COUNTY TRANSPORTATION AUTHORITY UNDER THE COMPETITIVE MEASURE M2 REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROGRAM

PRIORITY POLICY STATEMENT

This item matches the following Priority Policy Statement:

- Infrastructure and City Assets.

FISCAL IMPACT

The Grant application is for \$2,713,644. The Project P Grant requires 20% matching funds, which will come from Traffic Mitigation Fees, Measure M2 Fund and Gas Tax, other participating cities, and Caltrans. Fullerton's share is \$394,299.

DISCUSSION

The Orange County Transportation Authority issued a call for projects (Project P) for Regional Traffic Signal Synchronization Program (RTSSP) projects. Project P RTSSP sponsors projects that develop and maintain corridor-based, multi-jurisdictional signal synchronization along corridors through Orange County. City Council adoption of the grant application resolution is a requirement of the application(s), and is needed in order to participate in the project selection process.

The City of Fullerton submitted a grant application for Harbor Boulevard and proposes to assume as the lead agency for the project and work cooperatively with the City of La Habra and Caltrans. The project encompasses approximately 6.5 miles and involves twenty-nine traffic signals within both cities' and Caltrans' jurisdiction. Twenty-one of the signals are in the City of Fullerton. Figure 1 (Attachment 2) shows the proposed project limits and project signals along the Harbor Boulevard corridor.

Synchronization will be inter-jurisdictional and will be developed for the AM Peak, Midday Peak, PM Peak and weekend periods. Special generators, such as schools and businesses, along with cross traffic, will be considered as part of the project.

The preliminary cost estimate for the Harbor Boulevard Corridor Traffic Signal Synchronization Project is \$2,713,644. If approved for funding, the grant will provide an estimated amount of \$2,170,915, with a matching share of \$542,729 (20%) coming from the cities of Fullerton and La Habra.

As part of the project, the City will receive new traffic signal controller / cabinet assembly units, upgrades to Ethernet communication, new closed circuit television (CCTV) cameras, and upgrades to the existing Central System at the Traffic Management Center. New timing and coordination patterns will also be developed and implemented at all signalized intersections within the project limits. Ongoing maintenance and operation are included with this project for two years.

Attachments:

- Attachment 1 - Resolution No. 2018-XX
- Attachment 2 - Harbor Boulevard Street Corridor Signals Map