



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: GRANT FUNDING FOR YORBA LINDA BOULEVARD /
WEIR CANYON ROAD REGIONAL TRAFFIC SIGNAL
SYNCHRONIZATION PROGRAM

SUMMARY

Authorization to participate in a grant application to the Orange County Transportation Authority for the Project P / Regional Traffic Signal Synchronization Program under the Competitive Measure M2 Regional Transportation Signal Synchronization Program.

RECOMMENDATION

Adopt Resolution No. 2020-XX.

RESOLUTION NO. 2020-XX – A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FULLERTON, CALIFORNIA, AUTHORIZING APPLICATION(S) FOR FUNDS TO THE ORANGE COUNTY TRANSPORTATION AUTHORITY UNDER THE COMPETITIVE MEASURE M2 REGIONAL TRANSPORTATION 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 \$3,600,000 for the multi-city project. Project P Grant requires 20% matching funds, which will come from Traffic Mitigation Fees, M3 Fund and Gas Tax, all participating cities and Caltrans. The project costs within the City of Fullerton are \$550,000 of which Fullerton's contribution is \$110,000.

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 in order to participate in the project selection process.

The City of Yorba Linda, acting as lead agency with anticipated participation from the City of Fullerton and other agencies, submitted a grant application for the Yorba Linda Boulevard / Weir Canyon Road corridor. The project encompasses approximately twelve miles and involves forty-eight traffic signals within the cities of Fullerton, Placentia, Yorba Linda, Anaheim and Caltrans jurisdiction. Seven of the signals are in the City of Fullerton. Attachment 2 shows the proposed project limits and project signals along the Yorba Linda Boulevard / Weir Canyon Road Corridor.

The preliminary cost estimate for the Yorba Linda Boulevard / Weir Canyon Road Corridor Traffic Signal Synchronization Project is \$3,600,000. If approved for funding, the grant will provide an estimated amount of \$2,880,000 with a matching share of \$720,000 (20%) coming from the participating cities. The improvements to be made within the City of Fullerton amount to \$550,000. Fullerton's share is \$110,000 (20%).

As part of the project, the cities will implement new signal timing on Yorba Linda Boulevard / Weir Canyon Road from State College Boulevard in the City of Fullerton, through the cities of Placentia, Yorba Linda, Anaheim and Caltrans jurisdiction to Oak Canyon Drive in the City of Anaheim. The City of Fullerton will receive new controllers and controller cabinets to replace antiquated equipment, battery back-up equipment, CCTV cameras, video detection, fiber-optic interconnect and upgrades to the City's Traffic Signal System Master Computer and miscellaneous traffic signal operational improvements. In addition, new communication equipment will be installed, including Ethernet switches, real-time travel units, fiber termination units, modems, port servers and radio antennas.

If awarded the grant, the City would enter into co-operative agreements with OCTA and the other cities to implement the project objectives. In addition, the City would also enter into an a co-operative agreement with Caltrans to implement signal timing and hardware improvements at the two Caltrans signals on Yorba Linda Boulevard at SR-57 interchanges. Caltrans' responsibility will be to assist the consultant with the implementation of new coordination and signal timing, along with new 2070 controllers, field master controller and GPS unit. Ongoing maintenance and operation along the entire corridor is included with this project for two years.

Attachments:

- Attachment 1 - Resolution No. 2020-XX
- Attachment 2 - Project Limits and Signals