



Agenda Report

Fullerton City Council

MEETING DATE: OCTOBER 19, 2021

TO: CITY COUNCIL / SUCCESSOR AGENCY

FROM: STEVE DANLEY, ACTING CITY MANAGER

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

SUBJECT: YORBA LINDA BOULEVARD / WEIR CANYON ROAD
CORRIDOR REGIONAL TRAFFIC SIGNAL
SYNCHRONIZATION PROJECT GRANT FUNDING

SUMMARY

Authorization to participate in a grant application to the Orange County Transportation Authority for the Yorba Linda Boulevard / Weir Canyon Road Corridor Regional Traffic Signal Synchronization Project under the Project P / Measure M2 Regional Transportation Signal Synchronization Program.

RECOMMENDATION

Adopt Resolution No. 2021-XX.

RESOLUTION NO. 2021-XX – A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FULLERTON, CALIFORNIA, AUTHORIZING THE CITY'S PARTICIPATION IN AN APPLICATION FOR FUNDS TO THE ORANGE COUNTY TRANSPORTATION AUTHORITY FOR THE YORBA LINDA BOULEVARD / WEIR CANYON ROAD CORRIDOR REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROJECT UNDER THE COMPETITIVE MEASURE M2 REGIONAL TRANSPORTATION SIGNAL SYNCHRONIZATION PROGRAM

PRIORITY POLICY STATEMENT

This item matches the following Priority Policy Statements:

- Infrastructure and City Assets
- Fiscal Stability.

FISCAL IMPACT

The grant application requests \$3,600,000 for the multi-city project led by the City of Yorba Linda. Project P Grant requires 20% matching funds, which will come from Traffic Mitigation Fees, M2 Fund, Gas Tax, all participating cities and Caltrans. The project costs within the City of Fullerton total \$547,800. Fullerton's contribution would equal \$109,560.

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 must adopt the grant application resolution as a requirement of the application 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, will submit 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 and 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 totals \$3,600,000. If approved for funding, the grant will provide an estimated \$2,880,000 with a matching share of \$720,000 (20%) coming from the participating cities. The improvements within the City of Fullerton amount to \$547,800, of which Fullerton's share would equal \$109,560 (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 and 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, the project will install new communication equipment, 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. The City would also enter into a co-operative agreement with Caltrans to implement signal timing and hardware improvements at the two Caltrans signals on Yorba Linda Boulevard at the SR-57 Freeway interchange. Caltrans' would assist with the implementation of new coordination and signal timing, along with new traffic signal controllers, a field master

controller and a GPS unit. The project would include ongoing maintenance and operation costs for two years along the entire corridor.

Attachments:

- Attachment 1 - Resolution No. 2021-XX
- Attachment 2 - Project Limits and Signals