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:	**EUCLID STREET CORRIDOR REGIONAL TRAFFIC SIGNAL SYNCHRONIZATION PROJECT GRANT FUNDING**

SUMMARY

Authorization to participate in a grant application to the Orange County Transportation Authority for the Euclid Street 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 EUCLID STREET 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

This grant application requests $4,950,000 for the multi-city project led by the City of La Habra. The 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 $975,000. Fullerton's local contribution would equal $195,000.

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. The grant requires City Council to adopt the grant application via resolution to participate in the project selection process.

The City of La Habra will act as lead agency, with anticipated participation from the City of Fullerton and other agencies, and submit a grant application for the Euclid Street corridor. The project encompasses approximately seventeen miles and involves sixty-six traffic signals within the cities of La Habra, Fullerton, Anaheim, Garden Grove, Santa Ana and Fountain Valley and Caltrans jurisdiction. Thirteen of the signals are in the City of Fullerton. Attachment 2 shows the proposed project limits and project signals along the Euclid Street Corridor.

The preliminary cost estimate for the Euclid Street Corridor Traffic Signal Synchronization Project totals $4,950,000**.** The grant will provide an estimated $3,960,000 with a matching share of $990,000 (20%) coming from the participating cities. The improvements within the City of Fullerton amount to $975,000. Fullerton would pay $195,000 (20%).

The cities will implement new signal timing on Euclid Street from La Habra Boulevard in the City of La Habra, through the cities of Fullerton, Anaheim, Garden Grove and Santa Ana and Caltrans jurisdiction to the I-405 in the City of Fountain Valley. 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. The project will also 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 one Caltrans signal on Euclid Street at the SR-91 freeway interchange. Caltrans would assist with 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