



DATE: June 28, 2022

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Adopt a Resolution Authorizing the City Manager to Execute a Cooperative Agreement with the California Department of Transportation (Caltrans) for Reimbursement from the Local Alternative Transportation Improvement (LATIP) Funds for the Traffic Signal Improvements on Jackson Street (Formerly SR-92)

RECOMMENDATION

That Council adopts a resolution (Attachment II) authorizing the City Manager to execute a Cooperative Agreement with California Department of Transportation (Caltrans) for reimbursement of \$531,000 from the Local Alternative Transportation Improvement Program (LATIP) funds for the traffic signal improvements on Jackson Street, formerly SR-92.

SUMMARY

Improvements to the traffic signals on Jackson Street were included in the original Mission Boulevard Phase 2 (Phase 2) project but removed from the construction documents during bidding due to bidder concerns that required additional time to design. The construction of Mission Boulevard Phase 2 has been completed without the traffic signal improvements on Jackson Street. The California Transportation Commission (CTC) has reallocated the remaining LATIP funds from Phase 2 to the traffic signal improvements on Jackson Street project. Because Caltrans administers and reimburses the LATIP funds, a cooperative agreement between the City and Caltrans is necessary. Staff recommends authorizing the City Manager to execute this cooperative agreement.

BACKGROUND

The LATIP was approved by Caltrans on November 19, 2009 for the purpose of supporting the Central Alameda County LATIP to fill the highway transportation infrastructure needs that were created when the Route 238 Hayward Bypass project was not pursued. The CTC approved the LATIP resolution on June 30, 2010. Projects included in the LATIP are funded from proceeds of the sale of the properties originally purchased for the now defunct Hayward Bypass Project.

One of the top priority projects in the LATIP is the Route 238 Corridor Improvement Project in the City of Hayward, which is programmed for a total of \$30 million in LATIP funds. This project included the design and construction in three phases:

- Phase 1 included roadway and street improvements on Mission Boulevard (SR 238) from A Street to Industrial Parkway, Jackson Street (SR-92) from Watkins Avenue to Mission Boulevard and Mission Boulevard (SR-185) from Foothill Boulevard to A Street. The CTC allocated \$8.1 million LATIP funds in August 2013 for Phase 1 construction which was completed in January 2014.
- Phase 2 included roadway and street improvements on Mission Boulevard (SR-238) from Industrial Parkway to the south City limit and Jackson Street (SR-92) from Watkins Street to Santa Clara Street. Improvements on Jackson Street was limited to the addition of the adaptive traffic management system (SCATS) to the traffic signals at the intersections on Jackson Street within the project limits. The CTC allocated \$2 million for the design phase for Phase 2 and Phase 3 (preliminary design) in August 2014, and \$19.9 million for the construction phase in October 2017. Construction for the Mission Boulevard segment was completed in April 2021.
- Phase 3 improvements are on Mission Boulevard (SR-185) from A Street to the north City limit. This phase of the project is anticipated to begin construction later this year and will utilize local funds.

At the October 2017 CTC meeting, the CTC relinquished the State Routes described in Phases 1, 2, and 3 to the City.

DISCUSSION

Phase 2 of the project included improvements to the portions of Mission Boulevard from Industrial Parkway to the south City limit (Segment 1) and Jackson Street from Watkins Street to Santa Clara Street (Segment 2). The construction of Phase 2, Segment 1 has been completed. The scope of work for Segment 2 was originally included in Segment 1; however, was removed from bid documents during the bidding phase of Segment 1 in 2017 due to bidder concerns that it required additional time to design. The work on Jackson Street includes improvements to the traffic signals to include new controllers, SCATS, video detection, and cameras at four existing intersections. The streets intersecting Jackson Street are Amador Street, Soto Road, Winton Avenue, and Meek Avenue.

In an effort to adapt signal timing to traffic conditions in real time, SCATS has been incorporated at signalized intersections on major roadways within the City including Mission Boulevard and Foothill Boulevard. These systems rely on video detection cameras and related equipment to collect necessary vehicle, bicyclist, and pedestrian volumes that are the primary basis for the signal timing adaption. The main benefits of deploying SCATS technology are the improvement of traffic flow and travel time, less congestion, reduction of greenhouse gas emissions, response times to resident concerns, faster response times to collection of traffic data, and improving efficiencies.

Of the Phase 2 original allocation of \$19.9 million, \$19,369,000 has been expended with \$531,000 remaining. The remaining amount is needed for the design, construction, and

construction support for Segment 2. At the March 2022 CTC meeting, the allocation was amended to utilize the remaining \$531,000 funds to complete the originally scoped work on Jackson Street.

LATIP funds require Caltrans to administer the program including reimbursement of the \$531,000. As such, a cooperative agreement between the City and Caltrans is needed. Staff recommends that that Council authorizes the City Manager to execute the cooperative agreement.

ECONOMIC IMPACT

Improvements to the City's traffic signal system make the overall transportation system more efficient which may result in positive economic benefits for businesses around the area.

FISCAL IMPACT

There is no impact to the General Fund as the adopted FY 2022 Capital Improvement Program's Route 238 Corridor Improvement (Fund 410) includes \$19.9 million in LATIP funds, which includes \$531,000 for the design, construction and construction support for traffic signal improvements on Jackson Street.

STRATEGIC ROADMAP

This agenda item supports the Strategic Priority of Invest in Infrastructure. Specifically, this item relates to the implementation of the following project:

Project N7a: Complete construction of Mission Boulevard Phase 2

SUSTAINABILITY FEATURES

Improvements to the traffic signals will reduce environmental impacts like greenhouse gas emissions and enhance the overall quality of life for residents and businesses.

This project is categorically exempt from environmental review pursuant to Section 15301(c) of the CEQA Guidelines because it is a project consisting of repair, maintenance or minor alteration of existing structures or facilities and involves negligible or no expansion of the existing use.

PUBLIC CONTACT

No public contact was made for the implementation of the cooperative agreement.

NEXT STEPS

If Council approves the resolution, staff will route the agreement to be executed by the City Manager. Design will commence after the agreement is executed by Caltrans.

Prepared by: Dave Hung, Senior Civil Engineer
Kathy Garcia, Deputy Director of Public Works

Recommended by: Alex Ameri, Director of Public Works

Approved by:

A handwritten signature in black ink, appearing to read 'K. McAdoo', with a long horizontal stroke extending to the right.

Kelly McAdoo, City Manager