



REPORT TO CITY COUNCIL

To: Honorable Mayor and Members of the City Council

From: Jason Simpson, City Manager

Prepared by: Remon Habib, City Engineer

Date: March 12, 2024

Subject: Amendment No. 1 to the Agreement for Professional Services with STC Traffic, Inc. for Traffic Signal Coordination Timing Plans for I-15/Main Street Interchange

Recommendation

Approve and authorize the City Manager to execute Amendment No. 1 to the Professional Services Agreement with STC Traffic, Inc. for \$27,000 for additional required effort to develop and implement traffic signal coordination timing plans associated with the Main Street Interchange Project in such final form as approved by the City Attorney, plus an additional 10% contingency for unforeseen expenditures.

Background

On March 28, 2023 Council approved a Contract with STC Traffic, Inc in order to develop and implement traffic signal coordination timing plans for the 3 new traffic signals to be installed as part of the ongoing I-15 / Main Street Interchange Project. STC Traffic, Inc. will coordinate the new timing with both the City and Caltrans to ensure optimal signal operations.

The new traffic signals will be installed at 3 intersections (Southbound ramps, Northbound ramps, and Camino Del Norte) as part of the ongoing I-15 / Main Street Interchange Improvements Project. A traffic signal coordination timing plan is required by Caltrans to be developed due to the close proximity of the new traffic signals.

Caltrans has requested additional modeling, demonstration, and training that will incur additional effort for the consultant in the amount of \$27,000.

Discussion

Caltrans is requiring Synchro modeling for five analysis scenarios including split phasing and Camino Del Norte Northbound left turn lane. STC will also be providing Level of Service (LOS) and queuing for each scenario and implementing additional phasing changes per Caltrans direction. The additional effort will also include developing timing sheets for Caltrans and

operational demonstration at Caltrans facility prior to installation and implementation of the timing and coordination plan onsite.

Fiscal Impact

The Professional Services Agreement will result in a cost of \$27,000.00 plus an additional 10% contingency. This work has been programmed in the City's CIP budget.

Attachments

Attachment 1- Amendment No. 1
Exhibit A- Proposal
Attachment 2 - Original Agreement
Attachment 3 - Location Map