



## Staff Report

**TO:** City Council  
**FROM:** Robert L. Vestal, Public Works Director  
**DATE** June 4, 2024  
**SUBJECT:** Authorize Additional Contingency in an Existing Project Funding to Complete the Citywide Traffic Signal Upgrades

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**Description** Authorize additional contingency in the existing project funding to complete the Citywide Traffic Signal Upgrades at First Street and Beaumont Avenue in the amount of \$15,000.

### **Background and Analysis:**

The Citywide Traffic Signal Upgrades at First Street and Beaumont Avenue include the installation of two (2) east and westbound traffic signal poles, signal gear, pedestrian posts, and related appurtenances. This traffic intersection is owned and maintained by the U.S. Department of Transportation (Caltrans) due to the arterial transportation corridor of SR-79.

Because this is a federal intersection, the equipment and material needed to be domestically purchased to comply with American Iron and Steel (AIS) and more recently Build America Buy America Act (BABAA) requirements which often pose delays and lead times for the procurement of such material and equipment.

On April 4, 2023, the City Council awarded a Public Works Agreement to Elecnor Belco Electric, Inc. (Contractor) in the amount of \$203,888 to complete the project scope of work. The City Council also authorized a ten percent (10%) contingency of \$20,512 for any unforeseeable construction cost for a total of \$224,400.

On December 6, 2023, a contract change order in the amount of \$19,149.84 was approved and executed by the City to add four (4) new touchless accessible pedestrian signals (APS) to the intersection to improve pedestrian safety crossing. This change order increased the contract amount to \$223,037.84 leaving a remaining balance of \$1,362.16 in authorized funding.

In January 2024, the Contractor began ordering the remaining traffic signal equipment to align with the delivery timing of the previously procured and longer lead time

equipment. Upon coordination with Caltrans during the installation of this equipment, Caltrans requested that other components and equipment be installed to deem the intersection complete. As part of the concrete foundations for the new traffic signal poles, Caltrans also required this concrete to be tested for compressive strength. The cost to test these concrete foundations was nominal (\$350) but still contributed to the decrease in the remaining authorization.

Other components also include the installation of two (2) Emergency Vehicle Preemption (EVP) cards to increase efficiency in emergency response for \$8,000 and the preparation of new traffic signal timing sheets to align with the new traffic signal equipment for \$800. Staff is requesting authorization for additional contingency from the existing project budget to be able to process these change orders and complete this Project.

**Fiscal Impact:**

The cost to prepare this staff report is estimated to be \$350. The City Council previously awarded a Public Works Agreement to Elecnor Belco and authorized a total of \$224,400. The total cost of the pending change order is \$8,800. Staff is requesting authorization for additional contingency from the existing project funding in the amount of \$15,000 to complete the Project. Approval of the recommended action will increase the current contingency from \$20,512 to \$35,512. Funding for the Project budget is from FY 22/23 Traffic Signal Development Impact Fees (DIF). Any remaining funds from this project will be used to supplement any upcoming Citywide Traffic Signal Upgrade projects in the CIP. Please refer to the following summary table for reference.

<b>R-13 Citywide Traffic Signal Upgrade at First Street and Beaumont Avenue Project Accounting Summary</b>				
<b>Funding Summary</b>				
<b>Funding Year</b>	<b>Funding Source</b>		<b>Amount</b>	
22/23	Traffic Signal DIF		\$274,400	
<b>Total Project Funding =</b>			<b>\$274,400</b>	
<b>Budget Summary</b>				
<b>Project Component</b>	<b>Budget</b>	<b>Encumbered</b>	<b>Paid to Date</b>	<b>Remaining Budget</b>
Project Management	\$0	\$0	\$0	\$0
Preliminary Services	\$0	\$0	\$0	\$0
Environmental	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0
Construction	\$224,400	(\$224,038)	(\$54,473)	\$362

Construction Management	\$0	\$0	\$0	\$0
Permits	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>Project Summary Totals</b>	<b>\$224,400</b>	<b>(\$224,038)</b>	<b>(\$54,473)</b>	<b>\$362</b>

**Recommended Action:**

Authorize additional contingency in the existing project funding to complete the Citywide Traffic Signal Upgrades at First Street and Beaumont Avenue in the amount of \$15,000.

**Attachments:**

- A. Contract Change Order No. 1 – TJW Engineering, Inc.
- B. Contract Change Order No. 2 – Elecnor Belco Electric, Inc.