



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 30, 2015

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Increase In Construction Change Order Authority For The De La Vina At Arrellaga Traffic Signal Project

RECOMMENDATION: That Council:

- A. Authorize an increase in the Public Works Director's Change Order Authority to approve expenditures for extra work for the De La Vina at Arrellaga Traffic Signal Project, Contract No. 24,993, in the amount of \$20,803, for a total Project expenditure authority of \$112,175;
- B. Authorize an appropriation of \$46,000 in the Fiscal Year 2015 Streets Fund from reserves to fund a transfer to the Streets Grant Fund; and
- C. Authorize an increase in appropriations and estimated revenues by \$46,000 in the Fiscal Year 2015 Streets Grant Fund to cover the cost of the extra work for the De La Vina at Arrellaga Traffic Signal Project, funded from a transfer from the Streets Fund.

DISCUSSION:

BACKGROUND

In the spring of 2013, the City completed its first annual collision report. Lists of high-collision locations were generated based on overall quantity and by specific type of collision (i.e., broadside, rear end, etc.). The collision data was also mapped in an effort to identify clusters of different types of collisions. The intersection of De La Vina and Arrellaga Streets ranked number one for non-signalized broadside collisions and number eleven for overall number of collisions. The number of broadside collisions at this intersection has been fairly consistent since 2000 (the limit of collision records).

Due to the collision history, types of collisions, and need to maintain vehicular mobility on De La Vina Street, a traffic signal was determined to be the most appropriate form of traffic control at this intersection.

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City staff applied for and successfully obtained a Highway Safety Improvement Program (HSIP) grant to install a new traffic signal at the intersection of De La Vina and Arrellaga Streets. The grant will cover 90% of construction costs, up to \$141,100. The De La Vina at Arrellaga Traffic Signal Project (Project) does not include any changes to the existing intersection geometrics.

On September 30, 2014, Council awarded a contract for construction to Lee Wilson Electric Co. for the Project in their low bid amount of \$83,065, with an authorization for increases up to \$8,307 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment.

CURRENT STATUS

On April 20, 2015, the new traffic signal at De La Vina and Arrellaga Streets was successfully put into operation, and the Project is substantially complete. This request for an increase in change order authority is to construct an underground conduit run on De La Vina Street, between Arrellaga Street and Micheltorena Street, to provide better signal coordination between the two intersections. In addition, the request includes additional funds due to actual quantities measured for payment exceeding estimated bid quantities and additional construction management/inspection for the extra work.

BUDGET/FINANCIAL INFORMATION:

FUNDING

The following summarizes the additional expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Base Contract	Change Order	Total
Initial Contract Amount	\$83,065	\$8,307	\$91,372
Proposed Increase	\$0	\$20,803	\$20,803
Totals	\$83,065	\$29,110	\$112,175

The following summarizes all Project design costs, construction contract funding, and other Project costs.

ESTIMATED TOTAL PROJECT COST

**Cents have been rounded to the nearest dollar in this table.*

Design (by City Staff)	Subtotal	\$23,862
Construction Contract		\$83,065
Construction Change Order Allowance		29,110
Construction Management/Inspection (by City Staff)		36,807
City Supplied Equipment		48,200
Construction	Subtotal	\$197,182
	Project Total	*\$221,044

With the recommended appropriation, there will be sufficient appropriated funds in the Streets Grant Fund to cover the extra work item, including staff time necessary to manage the extra work.

PREPARED BY: Brian D'Amour, Principal Engineer/KY/mj

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office