



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: September 30, 2014

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of The Highway Safety Improvement Program De La Vina At Arrellaga Traffic Signal Project

RECOMMENDATION: That Council:

- A. Award a contract with Lee Wilson Electric Co., Inc., in their low bid amount of \$83,065 for construction of the Highway Safety Improvement Program De La Vina at Arrellaga Traffic Signal Project, Bid No. 3718; and authorize the Public Works Director to execute the contract and approve expenditures 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; and
- B. Increase appropriations and estimated revenues related to the Highway Safety Improvement Program grant funding by \$141,430 in the Fiscal Year 2015 Streets Capital Fund to cover the cost of construction for the De La Vina at Arrellaga Traffic Signal Project.

DISCUSSION:

PROJECT BACKGROUND AND DESCRIPTION

In the spring of 2013, the City completed its first annual crash report. Lists of high-crash locations were generated based on overall quantity and by specific type of crash (i.e., broadside, rear end, etc.). The crash data was also mapped in an effort to identify clusters of different types of crashes. The intersection of De La Vina and Arrellaga Streets ranked Number 1 for non-signalized broadside crashes and Number 11 for overall number of crashes. The number of broadside crashes at this intersection has been fairly consistent since 2000 (the limit of crash records).

Due to the crash history, types of crashes, 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.

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 funds 90 percent of construction costs, up to \$141,430. The De La Vina at Arrellaga Traffic Signal Project (Project) does not include any changes to the existing intersection geometrics.

CONTRACT BIDS

A total of two bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	Lee Wilson Electric Co., Inc. Arroyo Grande, CA	\$83,065.00
2.	Taft Electric Company Ventura, CA	\$91,133.43*

*corrected bid total

The low bid of \$83,065, submitted by Lee Wilson Electric Co., Inc. is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$8,307, or 10 percent, is typical for this type of work and size of project.

COMMUNITY OUTREACH

Staff will notify the property owners and residents located near the Project location of the construction via mailers. Prior to construction, the contractor will be responsible for distributing the final notice via door hangers 72 hours prior to construction.

FUNDING

This Project is primarily funded by HSIP grant funding. The HSIP grant covers 90 percent of construction costs, up to \$141,430. Based on the bid amount and estimated construction management costs, it is currently anticipated that only \$136,870 in grant funding will be needed to complete the Project. However, the recommendation includes the full grant authorization so that grant funds will be available in the event that costs exceed current estimates. There are sufficient funds in the Streets Capital Fund to cover the remaining costs of this Project.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Construction Contract	\$83,065	\$8,307	\$91,372
TOTAL RECOMMENDED AUTHORIZATION			\$91,372

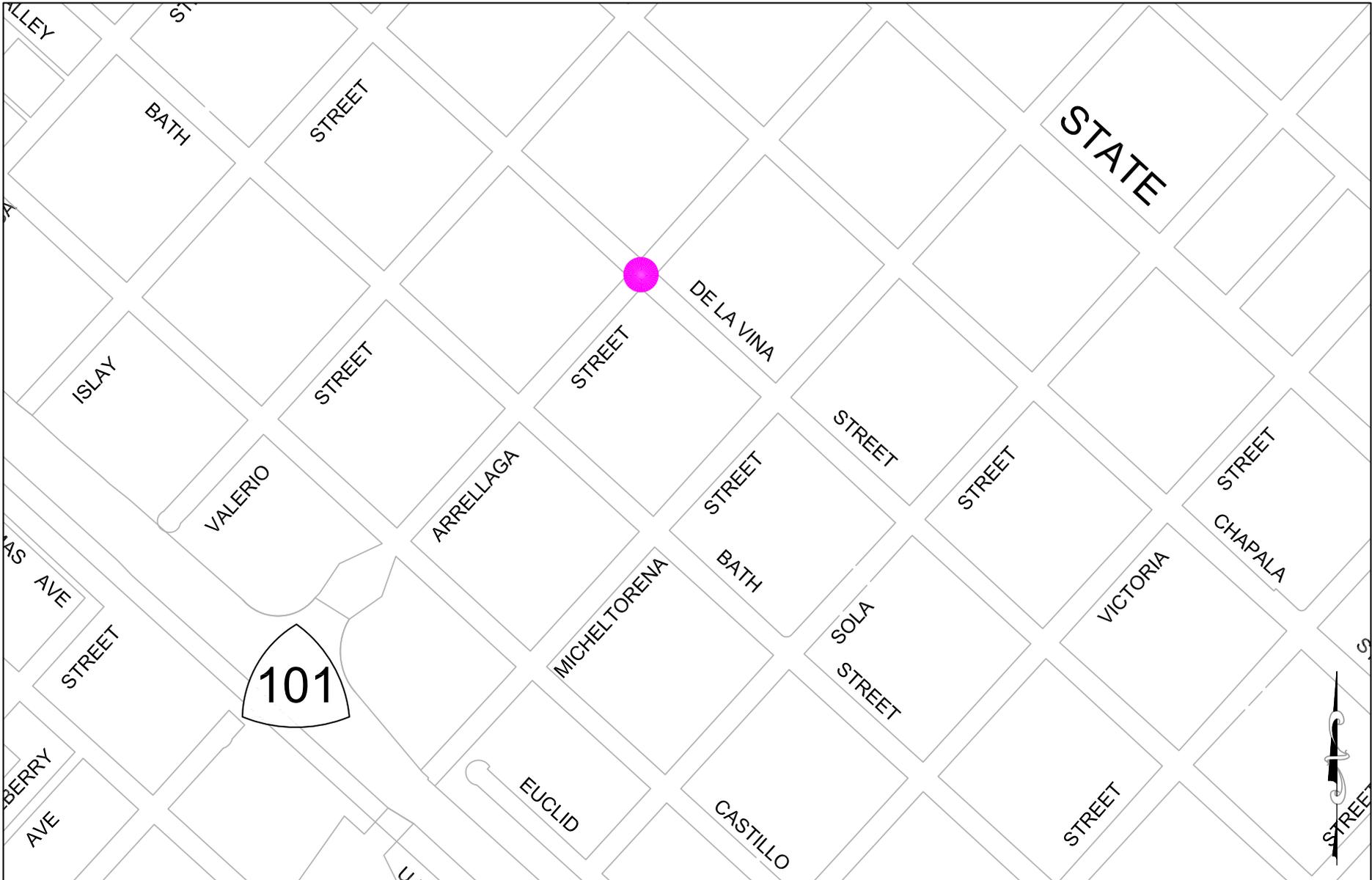
The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

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

	City Share	HSIP Share	Total
Design (by City Staff)	\$20,000	\$0	\$20,000
Subtotal	\$20,000	\$0	\$20,000
Construction Contract	\$8,306	\$74,759	\$83,065
Construction Change Order Allowance	\$831	\$7,476	\$8,307
Subtotal	\$9,137	\$82,235	\$91,372
City-Supplied Equipment	\$5,900	\$42,300	\$48,200
Construction Management/Inspection (by City Staff)	\$1,371	\$12,335	\$13,706
Subtotal	\$7,271	\$54,635	\$61,906
TOTAL PROJECT COST	\$36,408	\$136,870	\$173,278

- ATTACHMENT(S):** Project Location Map
- PREPARED BY:** John Ewasiuk, Principal Civil Engineer/AS/sk
- SUBMITTED BY:** Rebecca J. Bjork, Public Works Director
- APPROVED BY:** City Administrator's Office



PROJECT LOCATION MAP

HSIP De La Vina at Arrellaga Traffic Signal Project

DESIGN	—
DRAWN	AS
CHECKED	—
DATE	9-8-14
N.T.S.	