



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: September 15, 2015

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of Pedestrian Crosswalk Improvements At Four Intersections

RECOMMENDATION: That Council:

- A. Accept Highway Safety Improvement Program grant funding in the total amount of \$493,500 for the Highway Safety Improvements Program Pedestrian Crosswalk Enhancements Project;
- B. Award a contract with Lash Construction, Inc., in their low bid amount of \$442,466.50 for construction of the Highway Safety Improvement Program Pedestrian Crosswalk Enhancements Project, Bid No. 3681; and authorize the Public Works Director to execute the contract and approve expenditures up to \$44,250 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;
- C. Approve the transfer of \$76,217 in available appropriations from the Streets Capital Fund to the Streets Grant Fund and appropriate for the use of the Highway Safety Improvement Program Pedestrian Crosswalk Enhancements Project in the Streets Grants Fund; and
- D. Authorize an increase in appropriations and estimated revenues related to the Highway Safety Improvement Program grant funding by \$493,500 in the Fiscal Year 2016 Streets Grant Fund to cover the cost of construction.

DISCUSSION:

PROJECT BACKGROUND AND DESCRIPTION

The City of Santa Barbara has been awarded a \$493,500 grant from the Highway Safety Improvement Program (HSIP) for pedestrian crosswalk enhancements at five intersections in Santa Barbara for this HSIP Pedestrian Crosswalk Enhancements Project (Project). The intersections include Cabrillo Boulevard at Anacapa Street, Cabrillo Boulevard at Corona Del Mar, State Street at Calle Palo Colorado, State Street at Islay Street, and State Street at Pedregosa Street, which are illustrated in the

attached map. The need for the improvements was identified through routine traffic safety analyses.

This contract award is only for the following four locations: Cabrillo Boulevard at Corona Del Mar, State Street at Calle Palo Colorado, State Street at Islay Street, and State Street at Pedregosa Street. The Cabrillo Boulevard at Anacapa Street work has been separated from the other four locations due to the proximity to the Cabrillo Bridge Replacement Project that is currently in construction. It will be included as a change order to the bridge project. This will allow the two projects to be constructed simultaneously while minimizing disruption to the public. This approach has been verified with Caltrans Local Assistance staff for compliance with federal grant regulations. Staff will return to Council with a recommendation to approve the change order to the Cabrillo Bridge Project to include the related improvements at the Cabrillo Boulevard at Anacapa Street intersection.

The scope of work varies by intersection, but the safety improvements generally include a combination of new rectangular rapid flashing beacons, streetlights, underground conduit, pedestrian access ramps, curb and gutter, a curb extension, painted poles, and decorative bases. The specific scope at each location includes:

- Cabrillo Boulevard at Corona del Mar: Rectangular rapid flashing beacons;
- State Street at Calle Palo Colorado: Curb extension (south side only), median refuge island, pedestrian access ramps, rectangular rapid flashing beacons;
- State Street at Islay Street: Rectangular rapid flashing beacons, improved intersection lighting; and
- State Street at Pedregosa Street: Rectangular rapid flashing beacons, improved intersection lighting.

Of the four intersections improved by this contract, one will include a new curb extension. At the south side of State Street at Calle Palo Colorado, the planned curb extension improves sight lines between pedestrians and approaching vehicles around buses that stop immediately west of the intersection. The curb extension will also shorten the crossing distance for pedestrians and will be buffered from the traffic lane by a bicycle lane.

CONTRACT BIDS

A total of three (3) bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	Lash Construction, Inc. Santa Barbara, CA	\$442,466.50
2.	Brough Construction, Inc. Arroyo Grande, CA	\$483,162.00

3. Toro Enterprises, Inc. \$532,911.50*
 Oxnard, CA

*corrected bid total

The low bid of \$442,466.50, submitted by Lash Construction, Inc., is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$44,250, or ten percent, is typical for this type of work and size of project.

COMMUNITY OUTREACH

During the design process, staff met individually with property owners and residents of each of the businesses located adjacent to the corners where the access ramps and sidewalks are being reconstructed. Staff will notify the property owners and residents located near the Project locations of the construction via mailers. Prior to construction, the contractor will be responsible for the final notice via door hangers 72 hours prior to construction. Staff will coordinate with each business to maintain access during business hours throughout construction.

FUNDING

This Project is primarily funded by a HSIP grant, with the balance from the Streets Capital Fund. The HSIP grant share for construction costs is \$493,500 and is recommended to be appropriated with this Council Agenda Report (Report). An additional \$76,217 for construction costs will come from a transfer of available appropriations in the Streets Capital Fund, Traffic Safety/Capacity Improvement Project (Project No. 47797). Preliminary engineering, survey, design, and City-supplied equipment costs of \$160,880 for this Project were spent out of the Streets Operating and Capital Funds in prior years. This Report does not include the Cabrillo Boulevard at Anacapa Street intersection, which will be appropriated at a later date as described earlier. The following summarizes the expenditures recommended in this Report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Lash Construction, Inc.	\$442,466.50	\$44,250.00	\$486,716.50
TOTAL RECOMMENDED AUTHORIZATION			\$486,716.50

The following summarizes contract costs, including: design, construction contract funding, and other 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)	\$125,970	\$0	\$125,970
City-Supplied Equipment	34,910	0	34,910
<i>Design Subtotal</i>	\$160,880	\$0	\$160,880
Construction Contract	\$44,247	\$398,220	\$442,467
Construction Change Order Allowance	4,425	39,825	44,250
<i>Subtotal</i>	\$48,672	\$438,045	\$486,717
Construction Management/Inspection (by City Staff)	\$17,545	\$55,455	\$73,000
Other City Staff Costs (Survey, Record Drawings, etc.)	10,000	0	10,000
<i>Subtotal</i>	\$27,545	\$55,455	\$83,000
<i>Construction Subtotal</i>	\$76,217	\$493,500	\$569,717
TOTAL PROJECT COST	\$237,097	\$493,500	\$730,597

SUSTAINABILITY IMPACT:

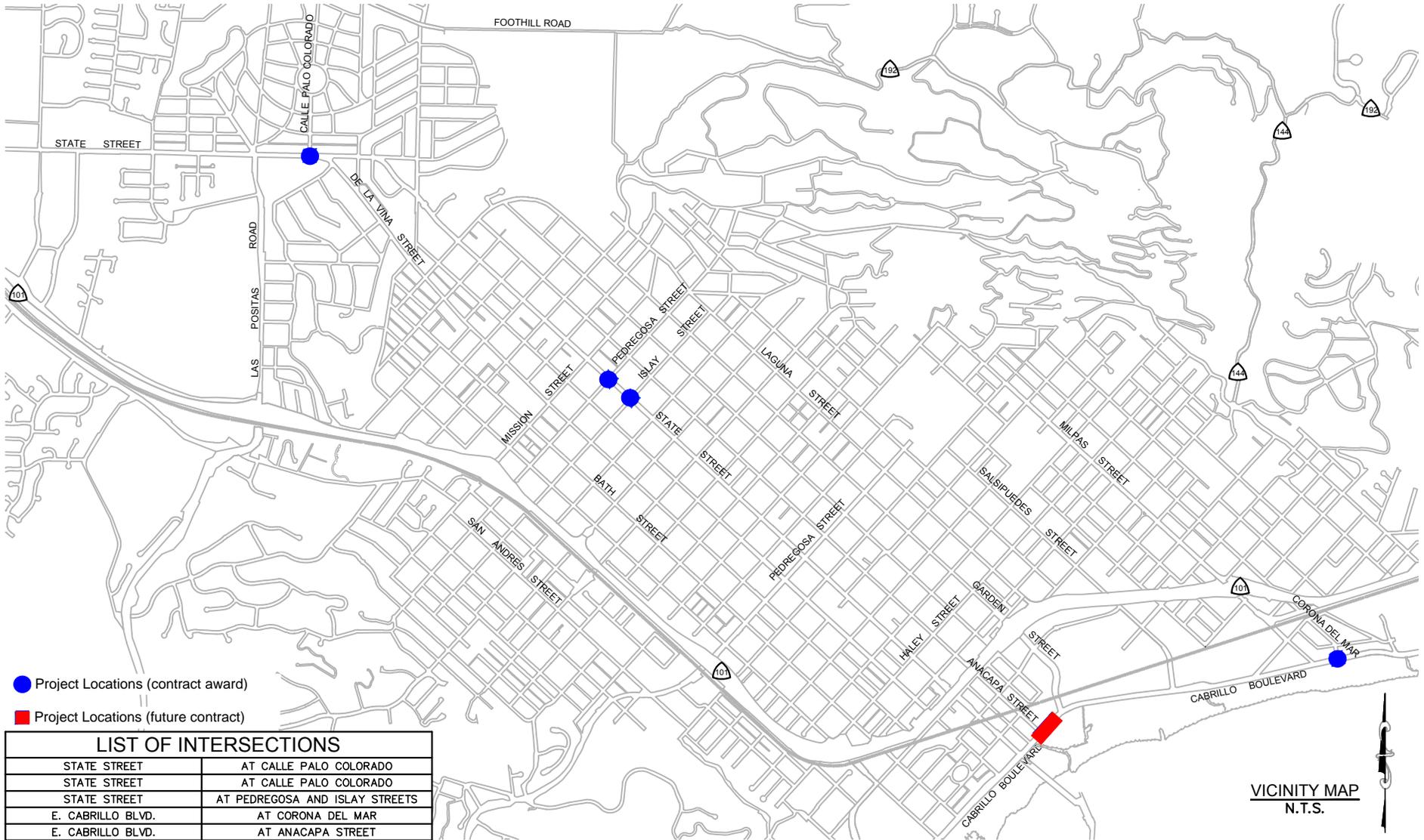
The Project will improve safety and accessibility for pedestrians within the Project's vicinity, and it will contribute to the City's sustainability goals by encouraging more people to walk, reducing energy consumption and air pollution.

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

CITY OF SANTA BARBARA

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PEDESTRIAN CROSSWALK ENHANCEMENTS PROJECT

FEDERAL AID PROJECT # HSIPL-5007(057) PROJECT NO. 47765, BID NO. 3681



- Project Locations (contract award)
- Project Locations (future contract)

LIST OF INTERSECTIONS	
STATE STREET	AT CALLE PALO COLORADO
STATE STREET	AT CALLE PALO COLORADO
STATE STREET	AT PEDREGOSA AND ISLAY STREETS
E. CABRILLO BLVD.	AT CORONA DEL MAR
E. CABRILLO BLVD.	AT ANACAPA STREET

VICINITY MAP
N.T.S.



PUBLIC WORKS
HIGHWAY
ENGINEERING DIVISION

DATE: _____
CITY ENGINEER: _____
ORIGINAL BIDDING DATE: _____

NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED	JOB

HSIP PEDESTRIAN CROSSWALK ENHANCEMENTS PROJECT
TITLE SHEET

2014-00115
FILE NO.
3681 G1
BID NO. (BIF. 52)
C-1-4713
DATE NO.
SHT. 1 OF 1



Pedestrian Crosswalk Improvements State Street at Calle Palo Colorado

September 15, 2015

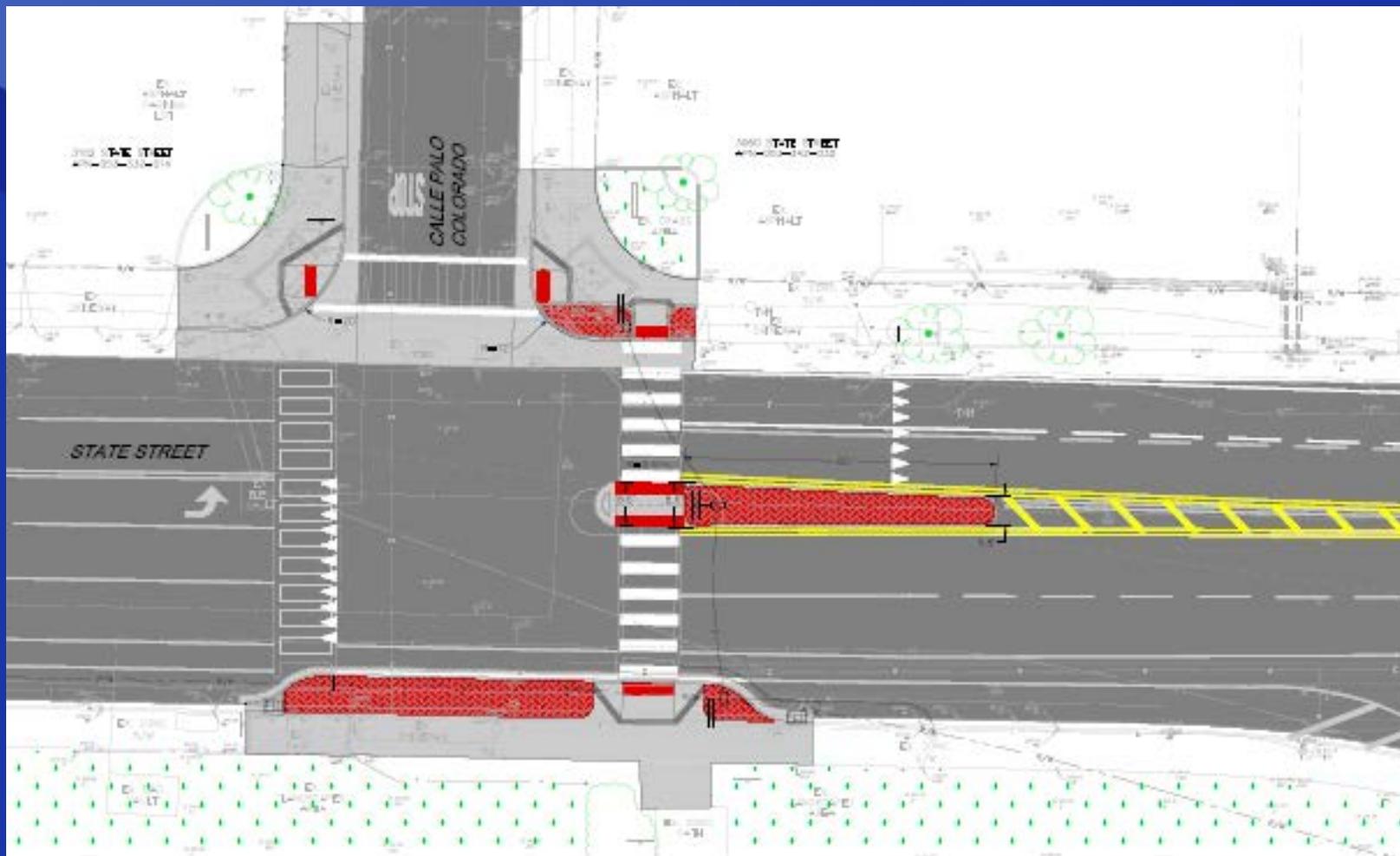
Project Location



Project Need

- ◆ 2011 to 2013, #2 in Santa Barbara for Pedestrian Involved Collisions
 - 2011 – 2
 - 2012 – 1
 - 2013 – 1
- ◆ All collisions resulted in injuries
 - 11 Pedestrians Injured Since 2005

Proposed Layout



Pedestrian Activated Flashers



Eastbound State at C.P.C.



Westbound State at C.P.C.



Southbound C.P.C. at State

