



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** March 12, 2013

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Increase In Construction Change Order Authority For The Intersection Improvement Project At Anacapa And Carrillo Streets

**RECOMMENDATION:** That Council:

- A. Increase appropriations by \$45,000 in the Streets Fund from reserves to the Intersection Improvement Project at Anacapa and Carrillo Streets; and
- B. Authorize an increase in the Public Works Director's Change Order Authority to approve expenditures for extra work for the Intersection Improvement Project at Anacapa and Carrillo Streets, Contract No. 23,907 in the amount of \$75,000 for a total project expenditure authority of \$442,895.

**DISCUSSION:**

**BACKGROUND**

The purpose of the Intersection Improvement Project at Anacapa and Carrillo Streets (Project) is to improve safety by increasing signal visibility at this intersection, which has among the highest number of intersection collisions in the City. In 2008, the City contracted with Penfield & Smith Engineers (P&S) to evaluate existing intersection conditions and to develop recommendations for improving the Anacapa and Carrillo Streets Intersection.

After significant review by the Transportation and Circulation Committee, Historic Landmarks Commission, and City Council, Council approved the final P&S design concept on September 14, 2010.

On October 25, 2011, Council accepted Federal Highway Safety Improvement Program funding in the amount of \$400,000, increased the estimated revenues by \$400,000 in the Fiscal Year 2012 Streets Capital Fund, appropriated \$400,000, and awarded a contract with Lash Construction for \$319,895 for construction of the Project.

## CURRENT STATUS

On January 18, 2013, the City's fiber optic cable was severed during augering operations for a new traffic signal pole located at the southwest corner of the Anacapa and Carrillo Streets intersection. The fiber optic cable location was not constructed per the original plans, which resulted in it being mismarked in the field by City staff. City staff has determined that the contractor performed their obligation to notify Underground Service Alert and hand excavate within two feet of utility markings. Therefore, the cost to repair the fiber optic conduit and cables was approved as extra work.

This fiber network has multiple links; the link that was damaged is north of the Carrillo Street and Fire Station 1 link. The damaged link resulted in data outages at many of the City's facilities including the Police Department, Downtown Parking, and the Central Library. City staff immediately investigated the damage, notified users, and contacted a subcontractor specializing in fiber optic line repair. Due to the nature of the outage, City staff, the contractor, and the subcontractor worked for approximately 24 hours to repair the conduit, install new pull boxes, and splice new fiber cable. Since the repair was an emergency, City staff directed the work and tracked the contractor's time, material, and equipment for payment purposes. Full data service was restored on January 19, 2013.

Subsequent to the fiber optic line repair, City staff designed, and the contractor implemented a revised conduit layout and traffic signal foundation detail to sleeve the fiber optic conduit through the area. In addition, concrete work was completed to restore the pull box locations at Parking Lots 8 and 9. Construction is now back on track and is anticipated to be complete by the end of March 2013.

Public Works staff will be recording the changes to the conduit and fiber optic line system on available record drawings and the Information Systems Division will continue its efforts to map the entire fiber optic system in the City's Geographic Information System.

## **BUDGET/FINANCIAL INFORMATION:**

### FUNDING

The proposed increase in change order authority includes an approximate \$32,000 invoice from the fiber optic subcontractor, and \$23,000 in time and material work by the prime and subcontractor to repair the conduit and install the pull boxes, and for other site restorations and delay costs associated with the fiber optic line repair. The proposed increase also includes \$10,000 for other underground and traffic control extra work items and \$10,000 to cover any cost increases that may result from future unforeseen work. Staff has reviewed the subcontractor's invoice and verified all costs.

Staff recommends that the proposed increase in change order authority be funded from \$30,000 in existing appropriations in the Streets Capital Fund and \$45,000 from reserves. City Staff has contacted Caltrans and they have determined that the utility

repair cost is not grant eligible but a portion of the site restorations and delay costs may be reimbursable.

**CONSTRUCTION CONTRACT FUNDING SUMMARY**

	<b>Base Contract</b>	<b>Change Order</b>	<b>Total</b>
Initial Contract Amount	\$319,895	\$48,000	\$367,895
Proposed Increase		\$75,000	\$75,000
<b>Totals</b>	<b>\$319,895</b>	<b>\$123,000</b>	<b>\$442,895</b>

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.*

<b>Design</b>	Subtotal	<b>\$175,543</b>
Construction Contract		\$319,895
Construction Change Order Allowance		\$123,000
Construction Management/Inspection (by City Staff)		\$138,693
Design Support Services During Construction (by Contract)		\$8,625
Other Construction Costs – Material Testing and Archaeological Monitoring		\$15,690
<b>Construction</b>	Subtotal	<b>\$605,903</b>
	<b>Project Total</b>	<b>\$781,446</b>

**PREPARED BY:** Linda Sumansky, Principal Civil Engineer/AH/KY/mj

**SUBMITTED BY:** Christine F. Andersen, Public Works Director

**APPROVED BY:** City Administrator’s Office