



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: February 26, 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. Reprogram \$20,000 of existing appropriations in the Streets Fund from the Citywide Sign Inventory Project 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 \$50,000, for a total project expenditure authority of \$417,895.

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. 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 \$50,000 proposed increase in change order authority includes an approximate \$32,000 invoice from the fiber optic subcontractor and an estimated \$18,000 in time and material work by the prime contractor to repair the conduit, install the pull boxes, and other site restorations and delay costs. Staff has reviewed the subcontractor's invoice and verified all costs.

Staff recommends that the proposed increase in change order authority will consist of approximately \$30,000 in available Streets Capital project funding and \$20,000 from the Citywide Sign Inventory Project. Staff recommends the reprogramming of funds from the Citywide Sign Inventory Project because there is a surplus of funds on this project due to cost under runs. 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

	Base Contract	Change Order	Total
Initial Contract Amount	\$319,895	\$48,000	\$367,895
Proposed Increase			\$50,000
Totals			\$417,895

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	Subtotal	\$175,543
Construction Contract		\$319,895
Construction Change Order Allowance		\$98,000
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
Construction	Subtotal	\$580,903
	Project Total	\$756,446

There are sufficient funds in the Streets Capital Fund to cover the extra work item.

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

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office