



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: November 10, 2015

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Emergency Increase In Purchase Order Authority For Repairs To The Laguna Channel

RECOMMENDATION:

That Council authorize the General Services Manager to increase an existing maintenance and repair purchase order with Granite Construction Company, Inc., by \$84,000 for emergency repairs to the Laguna Channel for a new not-to-exceed total of \$157,985.

DISCUSSION:

Background

On February 25, 2014, Council approved an appropriation of \$500,000 of one-time General Fund monies for Laguna Flood Control Facility repairs. The funds were planned for short-term repairs for this facility, including removal of excess sediment in the channel, repair and stabilization of the channel walls, installation of an in-channel debris rack, wet well repairs, and a new pump station roof. Operations improvements, including lighting, cameras, and fiber-optic connectivity were also planned. Major rehabilitation work, however, is on hold until additional funding is identified.

Current Status

On September 16, 2015, Granite Construction Company, Inc., (Granite) was issued a purchase order in the amount of \$73,985 to complete sediment removal and to repair and stabilize the channel walls. The work consisted primarily of removal and disposal of accumulated sediment and vegetation from the flood control channel. Additional work included minor repairs to the channel walls and the installation of a wall cap to reduce future erosion and deposition of sediment into the channel. The work began on September 28, 2015, and was completed on October 6, 2015.

Following completion of the work, including the removal of sediment and vegetation, it was possible to perform a more thorough inspection of the concrete channel. It became apparent that a portion of the channel wall had failed and, due to the potential upcoming

El Niño rain season, was in need of immediate repairs. The failed channel wall is located on the east side of the channel, between the Chase Palm Park Craft Center and Cabrillo Boulevard. Portions of the wall have cracked and partially collapsed. Voids are evident behind the wall, potentially jeopardizing the integrity of the Craft Center building.

Due to this condition, staff developed a design for channel repairs and requested a quote from Granite to complete the emergency repairs. The work consists of removal of the failed concrete/rock wall, stabilization of embankment material, placement of a new rock rip rap wall, installation of a slurry curtain wall to protect the Craft Center, and concrete repairs to surface improvements. The work began in late October and is anticipated to be completed before November 10, 2015.

The remaining budgeted work at the Laguna Flood Control Facility, including tide gate maintenance and the replacement of the pump station roof, will take place in 2016, and will be subject to the normal public bidding requirements.

BUDGET/FINANCIAL INFORMATION:

Funding

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Amount
Initial Purchase Order	\$73,985
Proposed Increase	\$84,000
Totals	\$157,985

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

ESTIMATED TOTAL PROJECT COST

Design (by City Staff)		\$25,000
Biological Services		\$14,280
Design	Subtotal	\$39,280
Sediment Removal / Minor Channel Repairs		\$73,985
Emergency Channel Repairs		\$84,000
Additional Repair/Maintenance Contract(s)		\$159,744
Construction Management/Inspection (by City Staff)		\$25,000
Mitigation Measures		\$100,000
Biological Monitoring During Construction and Mitigation		\$17,991
Construction	Subtotal	\$460,720
Project Total		\$500,000

There are sufficient project funds from the original General Fund appropriation remaining in the Streets Capital Fund to cover the emergency work item. Additional funds may be required in the future, depending on the actual final cost of the remaining repair and maintenance items.

PREPARED BY: Brian D'Amour, Principal Civil Engineer/BD/mh

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office