



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 19, 2013

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Approval Of Emergency Repair Of The Rattlesnake Creek Sewer Pipe Bridge Creek Crossing

RECOMMENDATION: That Council:

- A. Approve an emergency Purchase Order for Specialty Construction, Inc., in the amount of \$74,867.11 for repair of the Rattlesnake Creek Sewer Pipe Bridge Creek Crossing; and
- B. Approve an emergency increase in a professional services contract with Fillippin Engineering in the amount of \$66,216.38 for construction management, inspection and environmental monitoring.

DISCUSSION:

In the 1960's, the City directed St. Mary's Seminary (St. Mary's) to abandon their septic system. The City and St. Mary's reached an agreement whereby St. Mary's would construct a sewer pipe and pipe bridge across Rattlesnake Creek to connect to the City's sewer system, and then transfer ownership of the sewer pipe and bridge to the City.

In 2010, one of the bridge supports was damaged by winter rains. After inspection, the pipe bridge appeared to be stable, and a long-term solution was programmed into the Wastewater Fund budget for Fiscal Year 2012. As a safety precaution, the pipe segment over the creek was lined in 2011 to reduce the chance of a pipe joint leaking.

In October of 2012, the City contracted with Filippin Engineering (Filippin) to conduct a feasibility study for a long-term solution that would address the pipe bridge and the damaged support. In December of 2012, information concerning the condition of the sewer pipe bridge creek crossing necessitated the need to do an emergency temporary repair. A sag in the line had started to form in the pipe over the Creek as a result of the failed support. Because Filippin was familiar with the proposed project, they were hired to provide construction management, inspection and environmental monitoring of the emergency repair.

Specialty Construction was mobilized and working on another City pipeline project in the immediate area. On December 19, 2012, an emergency Purchase Order was issued to Specialty Construction to repair the pipe bridge. Construction began on January 9, 2013, as soon as the emergency permit was issued by the U.S. Army Corps of Engineers (USACE), and was completed on February 6, 2013.

The emergency permit issued by the USACE included comments and conditions from the following permitting agencies:

- National Marine Fisheries Service
- California Department of Fish and Wildlife
- Central Coast Regional Water Quality Board

On February 26, 2012, Staff received approval of a site restoration plan from the USACE. The site restoration includes some minor slope protection and the planting of ten trees to replace the one sycamore tree that had to be removed. The restoration work and the two-year required maintenance will be contracted services and are anticipated to cost no more than \$20,000.

The following summarizes the expenditures for this project:

ESTIMATED TOTAL PROJECT COST

Contract	Amount
Construction	\$74,867.11
Construction Management (by consultant))	\$66,216.38
Site Restoration and Monitoring (by contract*)	\$20,000.00
Project Management and Design	\$26,958.24
TOTAL AMOUNT	\$188,041.73

*This is the estimated cost for site restoration and monitoring. If the proposals received for this are over \$25,000, the professional services agreement will require authorization by Council with a separate Council Agenda Report at a later date.

BUDGET/FINANCIAL INFORMATION:

There are sufficient appropriated funds in the Wastewater Capital Fund to cover the emergency repair costs.

SUSTAINABILITY IMPACT:

The construction effort was monitored by a biologist to ensure as little disturbance to the creek habitat as possible. No animals were harmed and no hazardous materials were used in the creek area during the repair.

PREPARED BY: Joshua Haggmark, Principal Civil Engineer/RR/mj

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office