

**MEMORANDUM  
DEPARTMENT OF FACILITY SERVICES  
COUNTY OF PLACER**

To: **BOARD OF SUPERVISORS**

Date: **JANUARY 21, 2014**

From: **NB MARY DIETRICH/BILL ZIMMERMAN** 

Subject: **2013/14 TRENCHLESS TECHNOLOGY SEWER REHABILITATION  
PROJECT 08249 - APPROVAL OF PLANS AND SPECIFICATIONS**

**ACTION REQUESTED / RECOMMENDATION:**

1. Approve Plans and Specifications and authorize staff to solicit bids for the 2013/14 Trenchless Technology Sewer Rehabilitation Project 08249.
2. Adopt a Resolution authorizing the Director of Facility Services, or designee, to execute the resulting Contract and approve any required change orders, in an amount not to exceed \$240,000 funded through user fees in Sewer Maintenance Districts 1 and 2 at no net County cost.

**BACKGROUND:** Several miles of the underground sewer pipes in Sewer Maintenance District 1 (SMD 1), located in the North Auburn area, and Sewer Maintenance District 2 (SMD 2), located in the Granite Bay area, were constructed in the 1960's and 70's. Due to their age, many pipes have developed cracks, separated joints or other defects. These defects result in infiltration of rain water causing higher flows in the collection system and at the wastewater treatment plant. This infiltration results in higher operational costs and is a contributing factor to sewer spills during major storm events.

Trenchless technology is a generic term that includes a number of methods for installing and rehabilitating underground pipelines without excavation. This significantly lowers the cost and reduces the time required to rehabilitate and extend the useful life of the pipe. The 2013/14 Trenchless Technology Sewer Rehabilitation Project (Project) provides for sewer pipe rehabilitation of approximately 4,362 linear feet in SMD 1 and 795 linear feet in SMD 2 using Cure In Place Pipe (CIPP) technology. CIPP uses a resin impregnated felt liner pulled into place and inflated with steam to mold the liner to the inside of the damaged pipe. A copy of the Plans and Specifications are available for review at the Clerk of the Board's office.

**ENVIRONMENTAL CLEARANCE:** Trenchless Technology Sewer Rehabilitation work included in this Project is categorically exempt from environmental review pursuant to Section 15301(b) "Existing Facilities" of the California Environmental Quality Act Guidelines.

**FISCAL IMPACT:** The Engineer's Estimate for the Project is \$240,000 (\$199,715 for SMD 1 and \$38,450 for SMD 2) which includes an approximate 3% contingency. Funding for this Project is included in the FY 2013/14 Budgets for SMD 1 and SMD 2, and is funded through user fees in each District with no net County cost.

MD:BZ:MB:LM

CC: COUNTY EXECUTIVE OFFICE

AVAILABLE FOR REVIEW AT THE CLERK OF THE BOARD'S OFFICE: PLANS AND SPECS

ATTACHMENT: RESOLUTION

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# Before the Board of Supervisors County of Placer, State of California

In the matter of: A RESOLUTION  
AUTHORIZING THE DIRECTOR OF FACILITY  
SERVICES, OR DESIGNEE, TO EXECUTE A  
CONTRACT FOR THE 2013/14 TRENCHLESS  
TECHNOLOGY REHABILITATION PROJECT 08249

Resol. \_\_\_\_\_

The following RESOLUTION was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held \_\_\_\_\_, by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

\_\_\_\_\_  
Chair, Board of Supervisors

Attest:

\_\_\_\_\_  
Clerk of said Board

**BE IT RESOLVED** by the Board of Supervisors, County of Placer, State of California to authorize the Director of Facility Services, or designee, to execute the Contract for the 2013/14 Trenchless Technology Rehabilitation Project 08249 in an amount not-to-exceed \$240,000 funded through user fees in Sewer Maintenance Districts 1 and 2 upon review and approval of Risk Management and County Counsel, and approve any required change orders consistent with the County Purchasing Manual and Section 20142 of the Public Contract Code.