

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

To: Honorable Board of Supervisors

Date: August 26, 2014

From: *MD* Mary Dietrich, Facility Services Director
By: Kevin Bell, P.E., Environmental Engineering Program Manager

Subject: FY 2014-15 Trenchless Technology Sewer Rehabilitation Project 08250
Approval of Plans and Specifications

ACTION REQUESTED:

1. Approve Plans and Specifications and authorize staff to solicit bids for the FY 2014-15 Trenchless Technology Sewer Rehabilitation Project 08250.
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 \$100,000 funded through user fees in Sewer Maintenance District 2 in the Granite Bay area, at no net County cost.

BACKGROUND: Several miles of the underground sewer pipes in 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 FY 2014-15 Trenchless Technology Sewer Rehabilitation Project (Project) provides for sewer pipe rehabilitation of 1675 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. Providing delegated authority to execute the construction contract will allow us to complete the project prior to the beginning of wet season when the majority of infiltration occurs.

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 \$100,000 which includes an approximate 10% contingency. Funding for this Project is included in the FY 2014-15 Budget for SMD 2, and is funded through user fees with no net County cost.

ATTACHMENT: RESOLUTION

CC: COUNTY EXECUTIVE OFFICE

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

MD:BZ:MB:LM

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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 FY 2014-15 TRENCHLESS
TECHNOLOGY REHABILITATION PROJECT 08250

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 FY 2014-15 Trenchless Technology Rehabilitation Project 08250 in an amount not-to-exceed \$100,000 funded through user fees in Sewer Maintenance District 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.