

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

To: **BOARD OF SUPERVISORS**

Date: **JULY 24, 2007**

From: **JAMES DURFEE / WILL DICKINSON**

Subject: **PROJECT NO. 40214 - 2007/08 MANHOLE LINING REHABILITATION,  
SEWER MAINTENANCE DISTRICTS 1 AND 2**

**ACTION REQUESTED/RECOMMENDATION:** Staff recommends that your Board take the following actions with regard to Project No. 40214 - 2007/08 Manhole Lining Rehabilitation:

1. Approve Plans and Specifications and authorize staff to solicit bids.
2. Adopt a Resolution authorizing the Director of Facility Services to execute the resulting construction contract in an amount not to exceed \$162,500, upon Risk Management's and County Counsel's review and approval, and approve any required change orders consistent with the County Purchasing Manual and Section 20142 of the Public Contract Code.

**BACKGROUND:** A manhole is an access point to the underground sewer system, consisting of a structure that is approximately 2 feet in diameter and from 3 to 30 feet deep placed every 300 to 400 feet. Regular maintenance of manholes is necessary to reduce infiltration of water during wet weather.

The industry standard for corrosion resistant manhole linings is a fiber-reinforced, spray-applied cementitious mortar. It fills all voids and achieves a mechanical and chemical bond to the existing substrate. Lining manholes is significantly more cost-effective than replacing manholes.

Project No. 40214 provides for the lining of approximately 105 manholes in Sewer Maintenance District 1 (SMD1) (North Auburn) and SMD 2 (Granite Bay). In order to expedite completion of the rehabilitation work, staff recommends that your Board authorize staff to solicit bids and authorize the Director of Facility Services to execute the resulting construction contract.

**ENVIRONMENTAL CLEARANCE:** The 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 engineers estimate is \$147,500. Staff recommends an approximate 10% contingency for this project, bringing the total cost to \$162,500. Funding for this project will be allocated as follows: SMD 1 - \$50,000, SMD 2 - \$112,500. Both sewer maintenance districts have adequate funding to support this project in their Preliminary Budgets for 2007/08.

JD/WD:mb:db

ATTACHMENT: RESOLUTION

cc: COUNTY EXECUTIVE OFFICE  
PROCUREMENT SERVICES

T:\FAC\Bsmemo2007\SD Manhole lining

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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  
TO AWARD AND EXECUTE A CONTRACT  
AND APPROVE REQUIRED CHANGE ORDERS FOR THE  
2007/08 MANHOLE LINING REHABILITATION PROJECT**

Resolution No. \_\_\_\_\_

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.

\_\_\_\_\_  
Chairman  
Placer County Board of Supervisors

Attest:

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

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**BE IT HEREBY RESOLVED** by the Board of Supervisors of the County of Placer, State of California, that this Board authorizes the Director of Facility Services to award and execute the construction contract in an amount not-to-exceed \$162,500, upon Risk Management's and County Counsel's review and approval, and grant the authority to execute required change orders consistent with the County Purchasing Manual and Section 20142 of the Public Contract Code.