

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

To: **BOARD OF SUPERVISORS**

Date: **FEBRUARY 10, 2009**

From: **JAMES DURFEE / WILL DICKINSON**

Subject: **2008/09 MANHOLE LINING REHABILITATION, PROJECT 40233**

**ACTION REQUESTED / RECOMMENDATION:** Staff recommends that your Board take the following actions with regard to the 2008/09 Manhole Lining Rehabilitation, Project 40233:

1. Approve Plans and Specifications and authorize staff to solicit bids.
2. Adopt the attached Resolution authorizing the Director of Facility Services to execute the resulting contract, in an amount not to exceed \$100,000, 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 4 feet in diameter and from 3 to 30 feet deep, placed every 300 to 400 feet along the sewer line. Over time the interior surface of the manhole deteriorates allowing ground water to enter into the sewer system.

Lining manholes is significantly more cost-effective than replacing manholes. The industry standard for corrosion resistant manhole linings is a fiber-reinforced, spray-applied cement mortar. Manhole lining will increase the life of the existing manhole up to 25 years. Project 40233 provides for the lining of 68 manholes in Sewer Maintenance District 1 (SMD 1) and Sewer Maintenance District 2 (SMD 2) and will reduce the amount of ground water infiltrating into manholes during wet weather.

In order to proceed with the project, staff recommends that your Board approve the Plans and Specifications, authorize staff to solicit bids, and authorize the Director of Facility Services to execute the resulting contract. The Plans and Specifications are available for review at Facility Services.

**ENVIRONMENTAL CLEARANCE:** Rehabilitation and repair of existing sewer manholes 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 for the project is \$85,000. Staff recommends a total project budget of \$100,000 (\$50,000 for SMD1 and \$50,000 for SMD 2) which includes an approximate 15% contingency. Funding for this project is included in the FY 2008/09 Budgets for SMD 1 and SMD 2.

ATTACHMENTS: RESOLUTION

JD/WD/MB/KMZ

CC: COUNTY EXECUTIVE OFFICE  
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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 EXECUTE A CONTRACT AND APPROVE  
ANY REQUIRED CHANGE ORDERS FOR  
2008/09 MANHOLE LINING REHABILITATION  
PROJECT 40233**

Resolution \_\_\_\_\_

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

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

\_\_\_\_\_  
Chairman, Board of Supervisors

Attest:

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

**NOW, THEREFORE, BE IT RESOLVED** by the Board to authorize the Director of Facility Services to execute the contract for the 2008/09 Manhole Lining, Project 40233, in an amount not-to-exceed \$100,000, 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.