

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

To: **BOARD OF SUPERVISORS**

Date: **MARCH 16, 2010**

From: *JD* **JAMES DURFEE / WILL DICKINSON** *(WDD)*

Subject: **2009/10 MANHOLE LINING REHABILITATION, PROJECT 40238**

**ACTION REQUESTED / RECOMMENDATION:** Staff recommends that your Board take the following actions with regard to the 2009/10 Manhole Lining Rehabilitation, Project 40238:

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 \$80,000, 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 40238 provides for the lining of 67 manholes in Sewer Maintenance District 1 (SMD 1), Sewer Maintenance District 2 (SMD 2) and Sewer Maintenance District 3 (SMD 3) 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 the Department of 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 \$72,800. Staff recommends a total project budget of \$80,000 (\$50,000 for SMD1, \$20,000 for SMD 2 and \$10,000 for SMD 3), which includes an approximate 10% contingency. Funding for this project is included in the FY 2009/10 Budgets for SMD 1, SMD 2 and SMD 3.

A COPY OF THE PLANS AND SPECS ARE AVAILABLE FOR REVIEW AT THE DEPARTMENT OF FACILITY SERVICES

ATTACHMENTS: RESOLUTION

JD/WD/MB/LM

CC: COUNTY EXECUTIVE OFFICE

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221

**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  
2009/10 MANHOLE LINING REHABILITATION,  
PROJECT 40238**

Resolution \_\_\_\_\_

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, 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 2009/10 Manhole Lining Rehabilitation, Project 40238, in an amount not-to-exceed \$80,000, 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.