

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

TO: BOARD OF SUPERVISORS

Date: **JULY 24, 2007**

FROM: *JD* JAMES DURFEE / WILL DICKINSON *WD*

SUBJECT: AGREEMENT WITH WEST YOST ASSOCIATES, INC. FOR THE AUBURN RAVINE BASIN HYDRAULIC CAPACITY ANALYSIS

ACTION REQUESTED / RECOMMENDATION: Approve an Agreement with West Yost Associates, Inc. (WYA) to perform a capacity analysis and develop a Capital Improvement Plan for the Auburn Ravine Basin sewer collection system located in North Auburn for an amount not to exceed \$150,961, and authorize the Chairman to execute same.

BACKGROUND: Placer County owns and operates a wastewater collection, treatment, and disposal system, and provides sewer service to the unincorporated area of North Auburn in Placer County known as SMD 1. SMD 1 serves approximately 6,000 connections, including approximately 885 connections in the Auburn Ravine Basin. The Auburn Ravine Basin consists of 73,775 feet of pipe, 4 lift stations, and 292 manholes. During large storm events, the Basin contributes a high percentage of Inflow and Infiltration into the SMD 1 collection system. During the storm on December 31, 2005, crews worked around the clock to move sewage through the collection system, but were still unable to prevent an overflow of raw sewage at the Auburn Ravine Lift Station.

On December 13, 2005, your Board approved a list of prequalified consulting firms for engineering work on sewer collection systems. Staff requested project-specific proposals from four firms on that list to conduct the studies and prepare an evaluation of the existing facilities. Staff received four proposals for the project. Staff has reviewed the work plans and cost proposals, and has selected WYA as the best qualified firm for this project. Their cost proposal also represents the best value for dollar spent.

Staff negotiated the proposed agreement with WYA to perform hydraulic modeling to assess the ability of the collection system to convey flows for existing and buildout conditions. The agreement also includes using the capacity analysis results, and the condition assessment data performed under a separate agreement to develop a comprehensive capital improvement plan to repair or replace undersized and damaged collection pipes. A copy of the agreement is available for review at the Clerk of the Board's office.

ENVIRONMENTAL CLEARANCE: The engineering studies included in this Agreement are categorically exempt from environmental review under Section 15306, Information Collection, of the CEQA Guidelines. Any work performed pursuant to these studies will be subject to further environmental review.

FISCAL IMPACT: The cost of providing services defined in the Agreement Funding is \$150,961. Funding is included in the 2007/08 Preliminary Budget. Project costs will be reimbursed through a \$2,000,000 grant from the Placer County Redevelopment Agency.

JD/WD:HK:lm

AVAILABLE FOR REVIEW AT THE CLERK OF THE BOARD'S OFFICE: AGREEMENT WITH WAY

cc: COUNTY EXECUTIVE OFFICE

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