



Consent 3J  
 Staff/Consultant Reports \_\_\_\_\_  
 Agenda Item \_\_\_\_\_  
 Date December 8, 2016

# Agenda Summary Report

*Added Handout Consent 3J*

**To:** Mark R. Williams, General Manager *mw*  
**From:** Michael P. Cortez, PE, District Engineer *mpc*  
**Mtg. Date:** December 8, 2016  
**Re:** Approve Change Order 1 – Open Cut Line 13, Sewer Main Rehabilitation 2016

**BACKGROUND:**

The potholing investigation for Line 13 located at the intersection of Merrydale Road and Las Gallinas Avenue near Hwy 101 revealed that an existing 8" water main is only 18" away from the sewer to be rehabilitated and consisted of asbestos cement pipe (ACP). The large sewer main replacement is complex because it conveys a significant amount of sewage at a relatively steep grade. Bypass pumping is complex because this section of sewer main is immediately upstream of the sewer main that flows under the highway. It is also a relatively busy road that will block business access.

To minimize impacts to the water main, staff requested Pacific Trenchless (contractor) to submit a proposal to realign the sewer by open-cut method. Change Order 1, with an estimated amount of \$63,503, covers the net additional cost to install 364 lineal feet of 18" PVC C905 by open cut in lieu of pipebursting as originally specified in the contract documents, including a new manhole. The original bid price for pipebursting this section of sewer main is \$200 per foot. The submitted cost for the open cut option is \$350 per foot, which is primarily due to the more extensive shoring, traffic control, bypass pumping, backfilling, compaction and other requirements.

**STAFF RECOMMENDATION:**

Board approve Change Order 1 in the amount of \$63,503.

**FISCAL IMPACT:**

The total cost impact of Change Order 1 is \$63,503.

**PERSON(S) TO BE NOTIFIED:**

Bellecci & Associates  
 Pacific Trenchless