

**TOWN OF
APPLE VALLEY, CALIFORNIA**

AGENDA MATTER

Subject Item:

EMERGENCY SEWER TRENCH REPAIR WORK ON BEAR VALLEY ROAD

Summary Statement:

In mid-March 2011 the Public Works Div was advised by the Engineering Div of the impending microsurfacing pavement project affecting Bear Valley Rd. Staff began to concentrate pavement repair work in advance of this project and areas for repair were identified and arrangements made with the Public Works contractor Cooley Construction to repair the most significant areas of surface deflection/failure. Work began on March 28, 2011 with the repair of a significant pavement failure surrounding the sewer line manhole located at Toltec Rd. Immediately following, over the weekend of April 1-2, 2011, Public Works weekend-call staff were alerted to several incidents of failure within Bear Valley Rd along a sewer line trench with a significant failure around a manhole at Pawnee Rd. Staff temporarily repaired these failures until Cooley could return on April 3rd to commence permanent repairs. Ultimately the sewer trench line within Bear Valley Rd, from Pawnee Rd to Toltec Rd, was found to have compacted and compressed causing pavement surface deflection and failure, and in most areas creating voids beneath the pavement surface. Cooley Construction opened and recompacted the trench line, adding over 60 tons of aggregate material to the trench area. During the process a drainage pipe was discovered within the trench, crossing over the sewer line near Toltec Rd, which was damaged and severed thereby causing probable subsurface flooding within the trench line during the storms of December 2010-January 2011. The drainage pipe was replaced, the entire trench line was recompacted and repaved, and the pavement surface was repaired in time for the microsurfacing pavement project to be completed on schedule.

(Continued)

Recommended Action:

Accept and approve the invoice submitted by Cooley Construction under the terms of the Town's Street Maintenance Services Contract FY2010-11, approve and authorize a budget amendment appropriating \$218,583.96 from the unallocated wastewater fund balance and approve a budget amendment #11-42.

Proposed by: Lance Miller, Public Works Manager Item Number _____

T. M. Approval: _____ Budgeted Item Yes No N/A

Council Meeting Date: 06/14/11

Summary Continued
Page Two

The repair work was commenced under the terms of the Street Maintenance Services contract the Town has with Cooley Construction for roadway repairs and other emergency needs, and was originally anticipated to be absorbed by the Street Maintenance Fund budget FY10-11 for 'Street Repairs'. However, it was determined that the cause of the pavement damage was related to the failure of the sewer line trench and thus the liability of the Wastewater Fund. It is thereby requested that the Council authorize the appropriation of the invoiced amount \$218,583.96 from unallocated Wastewater Fund balance in a budget amendment #11-42

Because of the added element of the failed and ruptured drainage pipe potentially flooding the sewer trench line during the severe storm events of December 2010 and possibly contributing to the trench failure, staff has added this event as a claim submission for FHWA Disaster Relief reimbursement.

