

# MEMORANDUM

## DEPARTMENT OF PUBLIC WORKS

County of Placer

TO: BOARD OF SUPERVISORS

DATE: May 21, 2013

FROM: KEN GREHM / BOB COSTA

SUBJECT: ANTELOPE CREEK FLOOD CONTROL PROJECT FUNDING MEMORANDUM OF UNDERSTANDING

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### ACTION REQUESTED / RECOMMENDATION

1. Approve a Memorandum of Understanding (MOU) between the County of Placer, City of Roseville, and Placer County Flood Control and Water Conservation District for the timing and advance funding of the Antelope Creek Flood Control Project. There is no net County cost associated with approval of this request.

### BACKGROUND / SUMMARY

The Placer County Flood Control and Water Conservation District's (District) 1992 Dry Creek Watershed Flood Control Plan evaluated then-existing flood risk and impacts from future upstream development. Included in that plan were recommended mitigation strategies, such as regional detention facilities, bridge and culvert replacements, and local detention benefit areas, intended to avoid flooding impacts from new development. While significant progress has been made in implementation of local mitigation projects, only one of seven recommended regional benefit projects, the Miner's Ravine Off-Channel Detention Basin has been constructed. Other identified regional detention projects are constrained by substantial environmental and permitting challenges.

In November 2011, the District completed an update to the 1992 plan. The update focused on an overall watershed approach, incorporating a new, more accurate, hydrologic modeling system. Five new potential flood flow reduction projects were identified, each intended to modify flood flow timing and reduce peak downstream flood flows. The plan identifies the most cost-effective project, with the greatest overall benefit, as the Antelope Creek Flood Control Project, located just upstream of Atlantic Street in Roseville. This project includes construction of two on-channel concrete weirs to store floodwaters and control flow rates. Based on funding considerations, phased construction of the weir structures is proposed. Because Phase 2 provides the greatest immediate benefit and is partially situated within a proposed condominium development where easements are required for the project, it is proposed that Phase 2 precede Phase 1.

The current Phase 2 project cost estimate is \$2,209,000. Funding available to the District through the Dry Creek Trust Fund and a grant from the State Department of Water Resources for this project falls short by about \$370,000. While the Trust Fund will eventually grow through new development contributions to fund the shortfall, the potential to lose awarded grant funds and easement acquisition opportunities has motivated an alternative approach to expedite project delivery.

The proposed MOU between Placer County, the City of Roseville, and the District provides for early funding and implementation of the Phase 2 project, through a loan arrangement between the parties. Under this agreement, the County and City would each loan the District 50 percent of the shortfall amount (\$185,000), subject to full repayment of principal and interest. Funds loaned by the County will be borrowed from County Service Area 28, Zone of Benefit 22, for Dry Creek Watershed improvements. This Zone of Benefit was established to provide flood impact mitigation within the unincorporated areas of the Dry Creek Watershed.

**ENVIRONMENTAL**

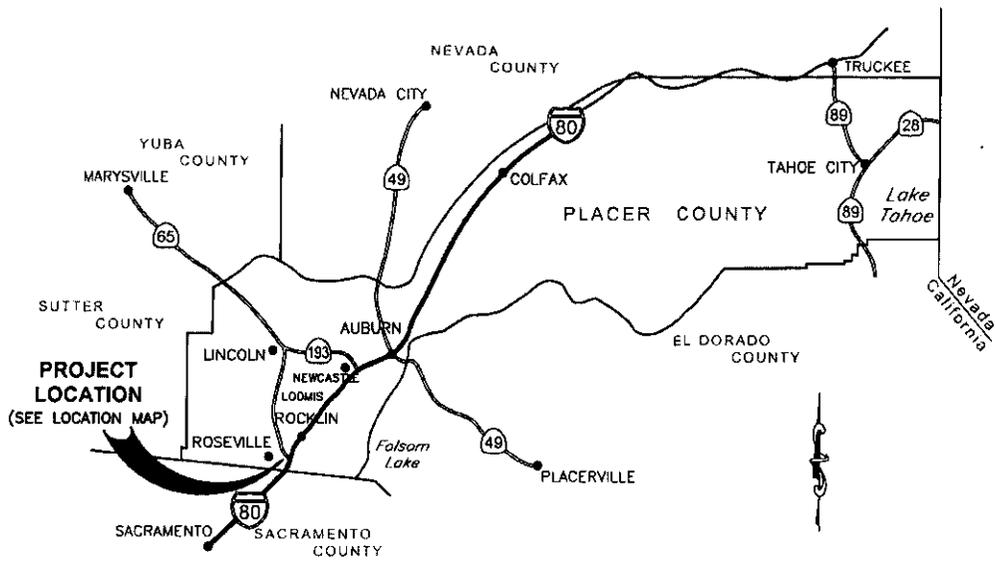
This action is not a project, as defined by Public Resources Code Section 21065, and is therefore exempt from environmental review under California Environmental Quality Act (CEQA). The environmental review process for the Antelope Creek Flood Control Project has been initiated by the District. A Notice of Exemption for the Updated Dry Creek Watershed Flood Control Plan was filed by the District on February 14, 2013.

**FISCAL IMPACT**

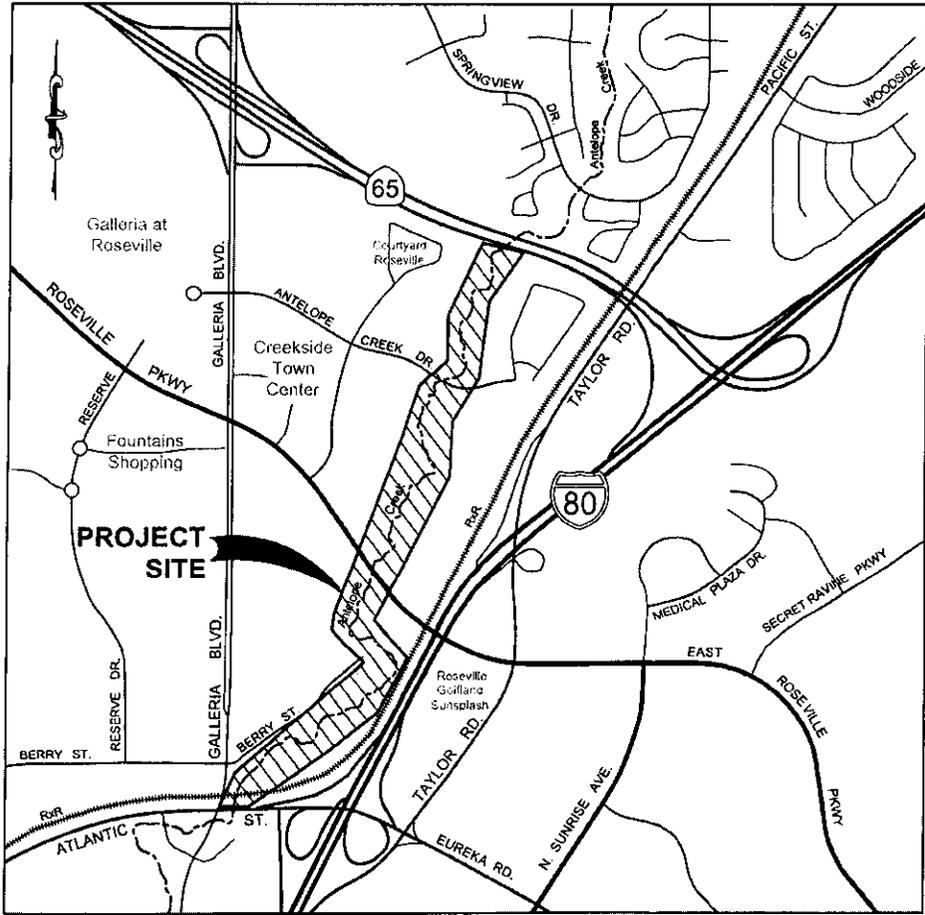
The Phase 2 Antelope Creek Flood Control Project is currently estimated to cost \$2,209,000. Total project cost, for both phases, is estimated to be \$3,891,000. Funding for the project is proposed through developer contributions to the Dry Creek Trust Fund and available grant funds. Funds loaned by Placer County, per the MOU, will be borrowed from the Dry Creek Watershed County Service Area 28, Zone of Benefit 22. The Dry Creek Watershed Zone of Benefit has a current balance of \$ 3,927,145.

Attachment: Map

A copy of the MOU is on file with the Clerk of the Board for review.



**VICINITY MAP**  
NO SCALE



**LOCATION MAP**  
NO SCALE

**ANTELOPE CREEK FLOOD CONTROL PROJECT**  
Placer County, California

