

M E M O R A N D U M
DEPARTMENT OF PUBLIC WORKS
County of Placer

TO: BOARD OF SUPERVISORS

DATE: June 2, 2015

FROM: KEN GREHM / PETER KRAATZ

**SUBJECT: MAINTENANCE OF THE TAHOE CITY URBAN IMPROVEMENT PROJECT (UIP)
STORM WATER TREATMENT FACILITY, CONTRACT NO. 000927 - PHASE 1**

ACTION REQUESTED / RECOMMENDATION

1. Approve the project plans and specifications for use in bidding and construction of the Phase 1 Maintenance of the Tahoe City Urban Improvement Project (UIP) Storm Water Treatment Facility, and Authorize the Department to advertise for bids at an estimated cost of \$250,000. There is no net County cost.

BACKGROUND / SUMMARY

The Tahoe City Storm Water Treatment Facility is located at the intersection of Highway 28 and Highway 89 in Tahoe City, California. The project was constructed as part of the Tahoe City Urban Improvement Project (UIP) by the Department in 1997 that was implemented to improve storm water conveyance and reduce discharge of urban runoff into Lake Tahoe. The treatment facility is comprised of an upper detention pond connected to a manmade wetlands treatment area that in total covers an area of about two acres.

When built, the facility was planted with wetlands type vegetation to facilitate nutrient uptake from stormwater passing through the system. Over time, the wetlands vegetation amasses thick layers of organic material that has reduced the treatment facility's storage capacity, created channel blockage, reduced treatment efficiency, and increased the risk of flooding. The reduced channel and pond capacity could cause flow back up and flooding in downtown Tahoe City in the event of a large storm.

Phase 1 maintenance of the storm water treatment facility will restore the wetlands treatment area to its 1997 as-built conditions. The project consists of hauling off the organic matter, grading the wetland area to the original as-built conditions, and seeding and planting the disturbed area with appropriate wetlands vegetation. Phase 2 maintenance will be restoration of the detention pond at a later time.

ENVIRONMENTAL

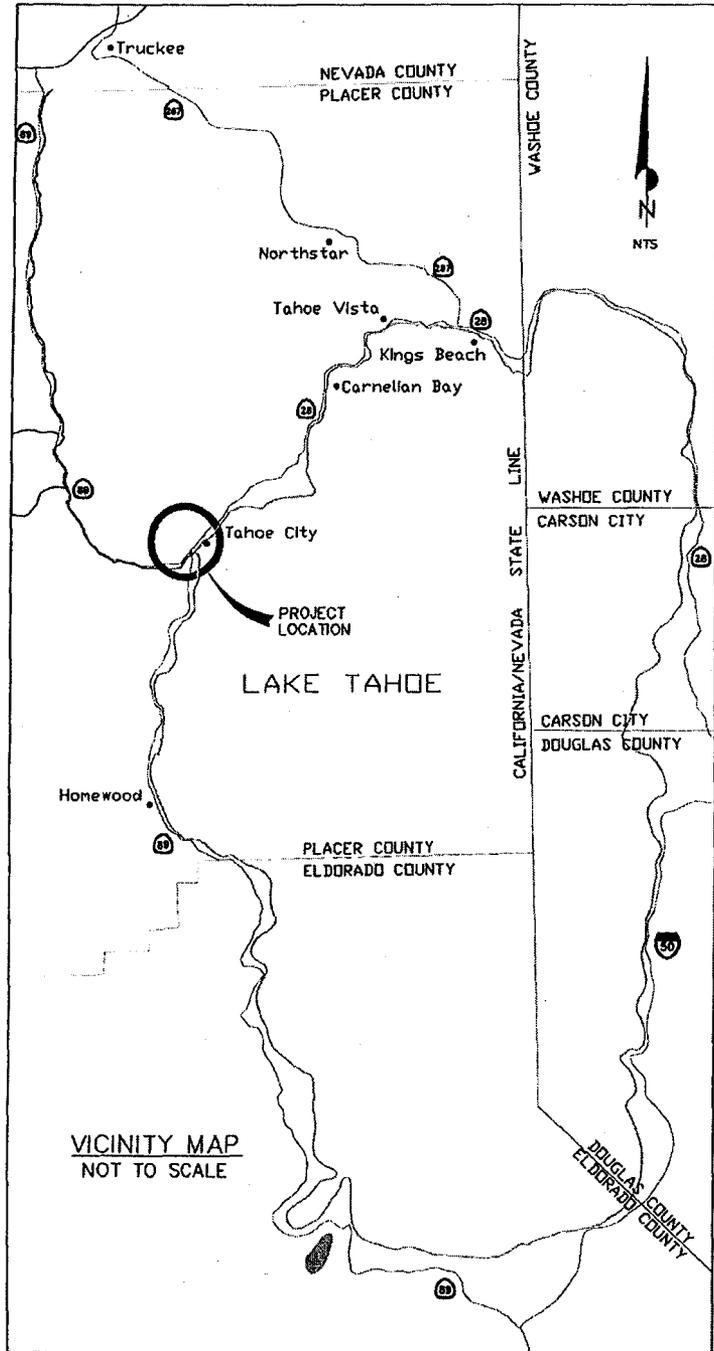
This maintenance work is exempt from environmental studies pursuant to Section 15301 (Existing Facilities) of the California Environmental Quality Act and is permitted under the Memorandum of Understanding between the Department and the Tahoe Regional Planning Agency dated May 27, 2014.

FISCAL IMPACT

The total project cost is estimated to be \$250,000 with construction costs estimated at \$230,000. The project is fully funded through the Road Fund. Funding for the construction of this project is included in the recommended FY 2015-16 proposed Budget.

Attachment:
Location Map

Plans and specifications are on file with the Clerk of the Board's Office.



PLACER COUNTY
DEPARTMENT OF
PUBLIC WORKS

PHASE 1 MAINTENANCE
STORM WATER TREATMENT FACILITY
TAHOE CITY UIP

