



**MEMORANDUM
PUBLIC WORKS AND FACILITIES
ENGINEERING DIVISION
County of Placer**

TO: Board of Supervisors

DATE: August 23, 2016

FROM: Ken Grehm, Director of Public Works and Facilities
By: Jon Mitchell, Associate Civil Engineer

SUBJECT: Engineering / Approve Plans and Specifications and Award Contract / Phase 2 Maintenance of the Tahoe City Urban Improvement Project Storm Water Treatment Facility

ACTION REQUESTED

Approve the project plans and specifications for the Phase 2 Maintenance of the Tahoe City Urban Improvement Project Storm Water Treatment Facility and award Construction Contract No. 000952 to John Longo Construction Co., Inc., in the amount of \$90,050 for construction of the project; authorize the Chair to execute the construction contract on behalf of Placer County; and authorize the Director of Public Works and Facilities, or designee, to approve and sign contract change orders up to \$9,005.

BACKGROUND

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 storm water passing through the system. Over time, the wetlands vegetation amassed thick layers of organic material that 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 (completed October 15, 2015) of the storm water treatment facility restored the wetlands treatment area to its 1997 as-built conditions. Phase 2 maintenance will be the restoration of the detention pond. 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.

The Department of Public Works and Facilities advertised for this project on July 8, 2016 and July 15, 2016 in two local newspapers and posted to the County web site. Four Hundred twenty-seven firms were notified and ninety firms accessed the bid documents. Bids were opened on July 22, 2016 where two (2) bids were received. The low responsive and responsible bidder was determined to be John Longo Construction Co., Inc., of Reno, Nevada, with a bid of \$90,050. Procurement Services concurs with our recommendation of contract award to John Longo Construction Co., Inc.

ENVIRONMENTAL IMPACT

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.

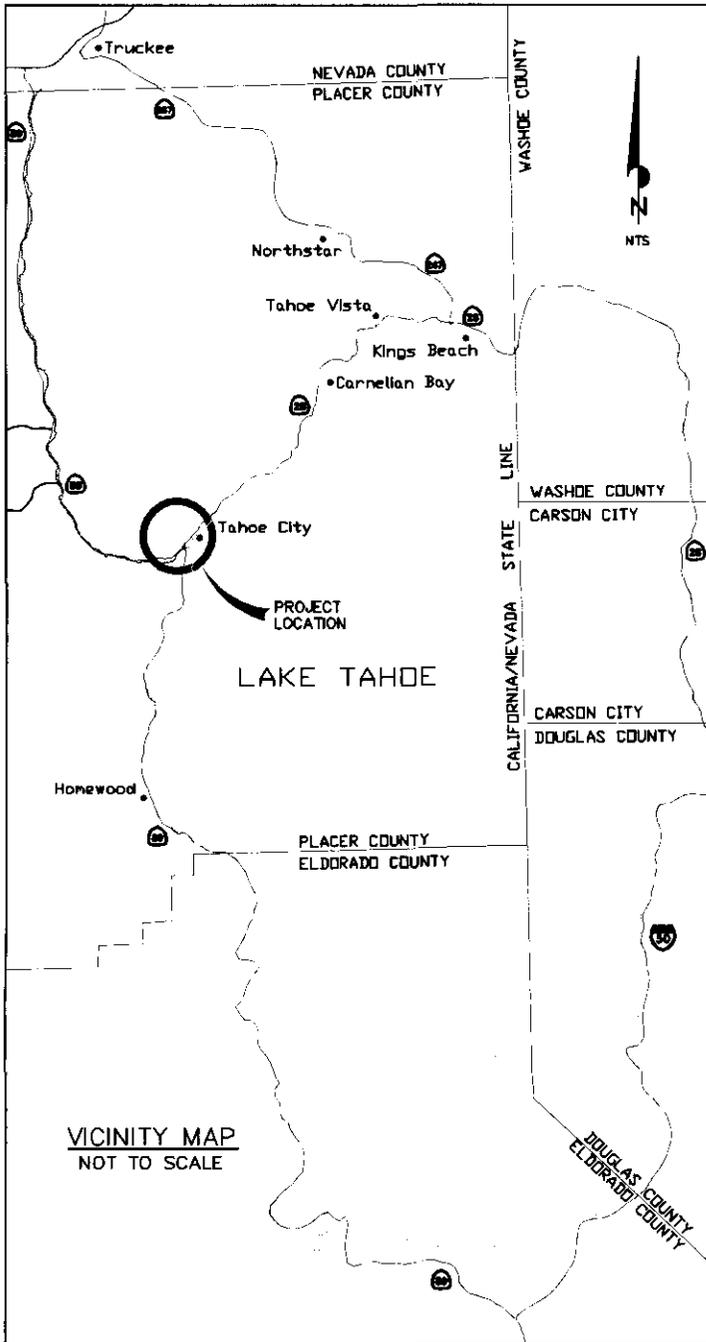
FISCAL IMPACT

The total cost of the project equates to the construction contract amount of \$90,050, plus a contingency of 10 percent (\$9,005), for a total of \$99,055. This project is budgeted in the FY 2016-17 Department of Public Works and Facilities Final Budget, Tahoe City Wetlands (PC2655) and is funded through the Department Road Fund (\$40,000), operation and maintenance funds from the Tahoe Regional Planning Agency (\$55,000), and special assessment district funds annual maintenance fees (\$5,000).

ATTACHMENT

Location Map

Plans and Specifications on file with Clerk of the Board



PLACER COUNTY
DEPARTMENT OF
PUBLIC WORKS

PHASE 2 MAINTENANCE
STORM WATER TREATMENT FACILITY
TAHOE CITY UIP

