



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Lodi Lake Soil Removal Project Update (Information Only)

MEETING DATE: April 6, 1994

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Information only.

BACKGROUND INFORMATION: After going out to bid twice on this project and obtaining bids which were more than the Lodi Lake Capital Fund could absorb, it was decided to have the work done under the issuance of a \$5,000 purchase order. This work has been completed and attached is a summary prepared by the Engineering Technician Supervisor, Mark Chamberlain, who administrated and provided the surveying for this project.

FUNDING: Not applicable.


Jack L. Ronsko
Public Works Director

JLR/lm

Attachment

cc: Parks and Recreation Director
Parks and Recreation Commission

APPROVED



THOMAS A. PETERSON
City Manager



recycled paper

CC-1



MEMORANDUM, City of Lodi, Public Works Department

To: City Engineer
From: Engineering Technician Supervisor
Date: March 16, 1994
Subject: Lodi Lake Soil Removal

The purpose of this memo is to give you a brief overview of the regrading project that was recently completed at Lodi Lake.

Warren E. Gomes Excavating, Inc., of Rio Vista, was hired to perform the work. He was to do the work using a D-5 "Mud Cat" bulldozer and a small paddle-wheel scraper. (He was the low bidder on the soil removal project that was not awarded.) The quoted rates were \$85/hour per piece of equipment and was written under Purchase Order #9182. He moved in on February 1, 1994. The use of the paddle-wheel scraper failed due to the wet condition of the lake bottom soil; the wheels could not get any traction in the soil. The scraper was needed for hauling the soil across the bottom of the lake. Because the D-5 bulldozer could only push dirt short distances, it was decided to cut down the high area and move it into the adjacent low areas. Gomes Excavating reduced the rate for the bulldozer and operator to \$80/hour because the scraper could not be used. The small ponds at the east side of the lake were filled. When the large pond north of the beach area was filled in as much as it could be, it was decided to try deepening the channel along the west side. The portion of the channel between the two storm drain outlets was deepened approximately 1.5 feet. After the dozer got stuck for the second time it was determined that the dozer would do the remainder of its work away from the water's edge.

The area that was finally graded was the high, sandy ridge running north and south across the middle of the lake, and the ridge along the north edge of the lake. Dirt was pushed into the two low areas at the east end of the lake and to the edge of the large pond. Grades were somewhat difficult to control due to the soil conditions. The high spots were lowered roughly 1 - 2 feet. The work was finished on February 23, 1994, at a total cost of \$5,000.00.

The contours of the lake bottom will be replotted in the fall of 1994 after the lake has been drained. This will give the graded soil a chance to settle and allow us to more accurately assess the work accomplished.

A handwritten signature in cursive script, appearing to read "Mark R. Chamberlain".

Mark R. Chamberlain
Engineering Technician Supervisor

MRC/rs