

OPERATIONS & MAINTENANCE

PROJECT NAME AND STATE: Grapevine Lake, Texas

AUTHORIZATION: Authorized by the Rivers and Harbors Act of 1945, PL 79-14.

	FY 2006
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>O&amp;M</u>
Estimated Federal Cost	\$3,349,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Project Cost	3,349,000
Allocation thru FY 2004	N/A
Budget Request for FY 2005	2,834,000
Allocation for FY 2005	2,649,000
Budget Request for FY 2006	3,349,000
Amount that Could be Used in FY 2006	6,799,000

LOCATION AND DESCRIPTION: Grapevine Lake, Texas, is located in Denton and Tarrant Counties, at river mile 11.7 on Denton Creek, Trinity River Basin, near the city of Grapevine, and approximately 20 miles northwest of the city of Dallas. The project consists of a rolled earthfill dam, 12,850 feet long, 137 feet high with 500' uncontrolled concrete Ogee Weir Spillway; 13 feet diameter conduit controlled by 2 broome-type gates; 6.5 feet x 13 feet each. Flood control/storage capacity is 243,050 acre-feet, conservation/water supply storage is 158,900 acre-feet. Twelve recreation areas consist of 3,660 acres. 2004 visitation - 5,535,946 visitor hours.

PROPOSED ACTIVITIES FOR FY 2005: Repair embankment slide and routine O&M activities.

APPLICATION OF THE AMOUNT THAT COULD BE USED IN FY 2006:

Sandblast and Repaint Service Bridge	\$ 169,000
Maintenance of Grapevine Shoreline	500,000
Repair Erosion in Downstream Outlet Channel	436,000
Modernization of Murrell Park	500,000
Modernization of Rockledge Park	500,000
Maintenance of the Natural Resources for Grapevine	500,000
Study of the Shoreline Erosion Control	100,000
Habitat Restoration	500,000
Boundary Monumentation and Fencing	220,000
Complete Level 1 Natural Resources Inventory	25,000

ISSUES AND OTHER INFORMATION: Repairs to the outlet works service bridge and outlet channel will maintain the aging infrastructure integrity and insure expected flood protection for downstream areas. Repairs to the recreation park facilities and maintenance of natural resource areas will

bring facilities up to the Corps of Engineers Justified Level of Service standards and public expectations and meet the Corps of Engineers natural resources mission to protect our natural resources. Maintenance of the shoreline will prevent further erosion of public lands and protect wildlife habitat. Failure to fund will result in adverse impacts to our natural resources and wildlife habitat; endanger the integrity of the dam; and adversely impact the ability to operate the dam to provide flood protection to the cities of Coppell, Farmers Branch, and Dallas. The cities of Dallas, Grapevine and Park Cities are the sponsors for water supply storage. Construction started in January 1948 and the major project was ready for beneficial use in July 1952. Additional funds allocated through Investment Program in FY 1994 - \$200,000.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Congressmen Marchant, TX-24 and Burgess, TX-26.