

OPERATIONS & MAINTENANCE

PROJECT NAME AND STATE: Canyon Lake, Texas

AUTHORIZATION: Authorized by the Rivers and Harbors Act of 1945, and modified by the Flood Control Act of 1954.

	FY 2006
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>O&M</u>
Estimated Federal Cost	\$3,667,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Project Cost	3,667,000
Allocation thru FY 2004	N/A
Budget Request for FY 2005	2,732,000
Allocation for FY 2005	2,570,000
Budget Request for FY 2006	3,667,000
Amount that Could be Used in FY 2006	7,232,000

LOCATION AND DESCRIPTION: Canyon Lake is located in Comal County, 12 miles northwest of New Braunfels, Texas, on the Guadalupe River. The project consists of a rolled earthfill dam 6,830 feet long, 224 feet high with uncontrolled spillway, 1,260 feet wide in saddle, one 10-foot diameter conduit controlled by two 5 feet 8 inch x 10 feet slide gates, flood control storage 354,600 acre-feet. There are eight recreation areas consisting of 1,544 acres. 2004 visitation - 2,192,808 visitor hours.

PROPOSED ACTIVITIES FOR FY 2005: Routine O&M activities.

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

Modify Emergency Gate Hanger System, Outlet Wks at Dam	\$ 40,000
Repair Road On Top Of Dam, Non-Recreational Service Access	200,000
Replace Pump System and Add Alarm Dam Outlet Works	68,000
Perform Electrical Repairs in Dam Outlet Structure	53,000
Seal coat Project Yard	125,000
Plug and Seal Wells in Public Parks-TNRCC Violation	100,000
Perform Project Boundary Resurvey, Reset Monuments	92,000
Remove Woody Vegetation and Trees from Brow of Spillway	82,000
Repair Park Facilities Damaged By Historic Maximum Flood of 2002	1,750,000
Repair Water and Sanitary Facilities in Cranes Mill Park	450,000
Initiate Recreation Improvements at Canyon Park	500,000
Update Project Master Plan	80,000
Complete Level 1 Natural Resources Inventory	25,000

ISSUES AND OTHER INFORMATION: Repairs to recreation facilities in parks and plugging wells will bring facilities up to the Corps of Engineers Justified Level of Service standards and public expectations and bring

the project up to TCEQ Environmental Standards. Repairs to the dam and outlet works structure will maintain the structural integrity of the aging infrastructure and insure operations to provide expected flood protection for downstream areas. Failure to fund will prevent compliance with TCEQ environmental requirements; adversely impact the public recreational experience; and endanger the integrity of the dam and compromise its ability to provide expected flood protection to the people of Horseshoe Bend Estates and the city of New Braunfels. The estimated damage caused by the historic maximum flood of 2002 is \$12,300,000. The Fort Worth District can complete \$7,100,000 in FY 2004, and will need an additional \$5,200,000 to complete the repairs resulting from the 2002 flood. The Guadalupe-Blanco River Authority is the sponsor for water supply storage. Construction started in April 1958 and the major project was ready for beneficial use in June 1964. Additional funds allocated through Investment Program in FY 1994 - \$31,000.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Congressman Smith, TX-21.