

OPERATIONS & MAINTENANCE

PROJECT NAME AND STATE: Lewisville Dam, Texas

AUTHORIZATION: Rivers and Harbors Act of 1945, PL 97-14.

SUMMARIZED FINANCIAL DATA:

	<u>O&M</u>
Estimated Federal Cost	\$3,780,000
Budget Request for FY 2007	3,373,000
Tentative FY 2007 Work Plan Allocation	3,421,000 1/
Budget Request for FY 2008	3,780,000
Amount that Could be Used in FY 2008	19,550,000

1/ Final amount is subject to change, and will not be known until the Joint Continuing Resolution is passed by both the House and Senate, and final allocations are provided.

LOCATION AND DESCRIPTION: Lewisville Dam is located in Denton County on the Elm Fork of the Trinity River, 30 river miles above its confluence with the Trinity River, and 22 miles northwest of the city of Dallas, Texas. The project consists of a rolled earthfill dam, 32,888 feet in length, with a 16-foot diameter flood conduit, controlled by three (6.5-foot x 13-foot) broome-type gates and a 560-foot concrete spillway. Flood control storage capacity is 340,800 acre-feet and conservation/water supply storage is 598,400 acre-feet. Twenty-five recreation areas comprise 4,014 acres. 2006 visitation totaled 19,326,773 visitor hours.

PROPOSED ACTIVITIES FOR FY 2007: Scheduled O&M activities.

APPLICATION OF THE AMOUNT THAT COULD BE USED IN FY 2008:

Recurring maintenance of dam, reservoir, and levee	\$ 150,000
Repair spillway approach and discharge slopes	180,000
Repair west training wall uncontrolled spillway	260,000
Repair/modify emergency spillway chute slab	150,000
Purchase land or construct shoreline erosion solutions	3,100,000
Shoreline erosion control	3,400,000
Resurface embankment service road	230,000
Recurring maintenance of recreational facilities	36,000
Modernization of recreation facilities at Oakland/Westlake	
Park to meet current safety and design standards	4,000,000
Hickory Creek park modernization	750,000
Modernization of Sycamore Bend Park	1,744,000
Study to identify shoreline erosion	350,000
Management of natural resources - healthy and sustainable	
lands and waters	1,100,000
Ongoing surveillance of archeological	200,000
Shoreline management - healthy and sustainable	
lands and waters	120,000

ISSUES AND OTHER INFORMATION: Repairs of the spillway slopes, training wall, emergency spillway and embankment service road will stabilize the aging infrastructure integrity, ensure flood damage reduction and expected flood protection for downstream areas. Repairs of service gates and the spillway will maintain the integrity of the aging infrastructure. Repairs to recreation facilities in parks and management of archeological sites and wildlife areas will bring facilities up to the Corps of Engineers Justified Level of Service standards and meet public expectations, provide protection of cultural resources required under Native American Graves Protection and Repatriation Act (NAGPRA), and prevent destruction of the natural resources and wildlife habitat at the lake. A lack of funding will compromise the structural integrity of the dam and the adversely impact the ability to operate the dam to provide flood protection to the cities of Lewisville, Coppell, Farmers Branch, and Dallas; continue our non-compliance with NAGPRA; adversely impact the recreational experience of the public, and prevent protection of the natural resources and wildlife. The cities of Dallas and Denton are the sponsors for water supply storage. Construction was started in November 1948 and the project was ready for beneficial use in November 1954. A seven foot conservation pool raise occurred in FY 1989. The project was funded by a mixture of Construction, General and O&M funds. Additional funds in the amount of were allocated through the Investment Program in FY 1994.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Congressman Burgess, TX-26.