

OPERATIONS & MAINTENANCE

PROJECT NAME AND STATE: Lewisville Dam, Texas

AUTHORIZATION: Authorized by the Rivers and Harbors Act of 1945.

| <u>SUMMARIZED FINANCIAL DATA:</u> | FY 2006 |
|--------------------------------------|----------------|
| | <u>O&M</u> |
| Estimated Federal Cost | \$4,290,000 |
| Estimated Non-Federal Cost | 0 |
| Cash | 0 |
| Other | 0 |
| Total Estimated Project Cost | 4,290,000 |
| Allocation thru FY 2004 | N/A |
| Budget Request for FY 2005 | 3,832,000 |
| Allocation for FY 2005 | 3,585,000 |
| Budget Request for FY 2006 | 4,290,000 |
| Amount that could be Used in FY 2006 | 11,472,000 |

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, 16-foot diameter flood conduit, controlled by three 6.5 feet x 13 feet broome-type gates, 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 total 4,014 acres. 2004 visitation - 12,523,989 visitor hours.

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

| <u>APPLICATION OF THE AMOUNT THAT COULD BE USED IN FY 2006:</u> | |
|---|------------|
| Repair/Paint Service Gates, Frames and Liners | \$ 180,000 |
| Repair Spillway Approach & Discharge Slopes | 180,000 |
| Repair the West Training Wall - Uncontrolled Spillway | 260,000 |
| Resurface Embankment Service Road | 230,000 |
| Shoreline Erosion Control | 500,000 |
| Purchase Land or Construct Shoreline Erosion Solutions | 3,100,000 |
| Modernization of Hickory Creek Park | 500,000 |
| Modernization of Oakland and Westlake Parks | 500,000 |
| Plan Modernization of Sycamore Bend Park | 50,000 |
| Complete Level 1 Natural Resources Inventory | 35,000 |
| Management of Archeological and Cultural Resources | 13,000 |
| Maintenance of the Natural Resources for Lewisville | 500,000 |
| Study Shoreline Erosion Control | 300,000 |
| Habitat Restoration | 500,000 |
| Remove Refuse from Wildlife Area | 334,000 |

ISSUES AND OTHER INFORMATION: 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 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. Failure to fund this will compromise the structural integrity of the dam and 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 started in November 1948 and the major project was ready for beneficial use in November 1954. 7-foot conservation pool raise occurred in FY 1989. Relocation of recreation facilities was completed in FY 1991. The project was funded by a mixture of Construction, General and O&M General funds. Additional funds allocated through Investment Program in FY 1994 - \$91,000.

ADMINISTRATION POSITION: The Administration supports this project.

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