

OPERATIONS & MAINTENANCE

PROJECT NAME AND STATE: Ray Roberts Lake, Texas

AUTHORIZATION: Flood Control Act of 1965, PL 89-298.

SUMMARIZED FINANCIAL DATA:

| | <u>O&M</u> |
|--|----------------|
| Estimated Federal Cost | \$1,421,000 |
| Budget Request for FY 2007 | 1,251,000 |
| Tentative FY 2007 Work Plan Allocation | 988,000 1/ |
| Budget Request for FY 2008 | 1,421,000 |
| Amount that Could be Used in FY 2008 | 3,859,000 |

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: Ray Roberts Lake is located in Denton, Cook and Grayson Counties, near the city of Denton, Texas. The project consists of an earthfill dam (15,250 feet long including spillway x 131 feet high), an uncontrolled spillway 100 feet wide, and a 13-foot diameter gated conduit through the dam with two (6-foot x 13-foot) sluice gates. Flood control storage capacity is 520,400 acre-feet. Ten recreation areas comprise 3,810 acres. 2006 visitation totaled 23,449,060 visitor hours.

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

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

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| Motorize low flow butterfly valve, relocate sheer pin, sump pump installation for valve pit | \$ 110,000 |
| Construct concrete lining for toe ditch | 195,000 |
| Maintenance of Ray Roberts shoreline erosion control | 600,000 |
| Repair/repaint service gate, frames, and liners | 200,000 |
| Repair slope failure, spillway approach channel | 200,000 |
| Recurring scheduled flood damage reduction maintenance of structures | 145,000 |
| Management, compliance and utilization inspections | 69,000 |
| Routine scheduled recreation maintenance | 56,000 |
| Management of archaeological and cultural resources | 100,000 |
| Management and protection of natural resources | 275,000 |
| Establish permanent boundary monumentation and repair fence | 488,000 |

ISSUES AND OTHER INFORMATION: Repair of the approach slope, repair and upgrade of the low flow butterfly valve, maintenance of the service gates, and construction of the toe drain liner will stabilize the aging infrastructure integrity, ensure flood damage reduction and expected flood protection for downstream areas. Repairs to the shoreline erosion areas, and natural resource areas will bring resources up to the Corps of Engineers Justified Level of Service standards and public expectations

and protect the natural resources and wildlife at the lake. A lack of funding will adversely impact the recreational experience of the public and prevent protection of the natural resources and wildlife around the lakes. The cities of Dallas and Denton are the local sponsors for water storage and recreation. Construction started in September 1981 and deliberate impoundment occurred 30 June 1987. Recreation facilities were completed in June 1999. Recreation facilities are operated and maintained by the Texas Parks and Wildlife Department on behalf of the cities. The project is administered from the Corps' Lewisville/Ray Roberts Lakes Office at Lewisville Lake. Additional funds in the amount of \$52,000 were allocated through the Investment Program in FY 1994.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Congressmen Hall, TX-4; Thornberry, TX-13; Burgess TX-26.