Grand Lake, Oklahoma

U.S. ARMY CORPS OF ENGINEERS BUILDING STRONG®

FACT SHEET as of February 6, 2012

AUTHORIZATION: Section 449, WRDA 2000

TYPE OF PROJECT: Flood Risk Management

PROJECT PHASE: Feasibility

CONGRESSIONAL INTEREST: Senators Inhofe and Coburn (OK); Representatives **Boren**, OK-2, and **Jenkins**, KS-2.

NON-FEDERAL SPONSOR: N/A

BACKGROUND: Grand Lake, located in northeastern Oklahoma was constructed by the Grand River Dam Authority (GRDA) and became operational in 1941. Reservoir purposes include hydroelectric power (operated by GRDA) and flood risk reduction (directed by the USACE). Grand Lake is an integral component of the Arkansas River basin system operation that also affects the operation of the McClellan-Kerr Navigation System. Other Federal agencies completed the acquisition of flowage easements between elevations 750 and 760 in 1947. The administrative jurisdiction of flowage easements (between elevations 750 and 760) were later transferred to the USACE in 1959. In response to increasing public concerns about flooding around portions of the perimeter of Grand Lake, Congress authorized USACE to conduct the Grand Lake Real Estate Adequacy Study. The results of this 1998 study found that additional flowage easements would be recommended if Grand Lake were a "new" Corps project. Following the 1998 study, Congress established Section 449 of the WRDA of 2000. In accordance with Section 449, a letter report was prepared to summarize initial technical evaluations of historical and theoretical flood events. Based on a review of the letter report the ASA(CW) concurred on 14 September 2007 that a full federally funded study of flooding issues, using annual Congressional appropriations, is warranted. Contingent on funding, the Investigation will utilize an adaptive management approach to identify cost effective solutions. An "acquisition only" alternative will be formulated and used to help establish a benchmark goal for flood-risk reduction effectiveness. Other alternatives consisting of structural, non-structural, and system operation measures with similar flood risk reduction effectiveness as the "acquisition only" alternative will be formulated. All alternatives will be considered and compared to each other using various comparison criteria along with cost effectiveness and incremental analysis.

STATUS: Further work on this feasibility study is on hold pending receipt of additional Federal funding. The project was not funded in FY 2012.

ISSUES: Project requires FY 2013 funding in order to continue work on the feasibility study.

FINANCIAL SUMMARY ($):	FEASIBILITY
Federal Cost Estimate	$ 4,174,000
Non-Federal Cost Estimate	0
Total Project Cost	$ 4,174,000
Allocation thru FY 2010	$ 678,500
ARRA Funding	0
Allocation for FY 2011	0
Allocation for FY 2012	0
President Budget FY 2013	0
Amount That Could Be Used for FY 2013	$ 492,000
Balance to Complete	$ 3,003,500

SCHEDULE:

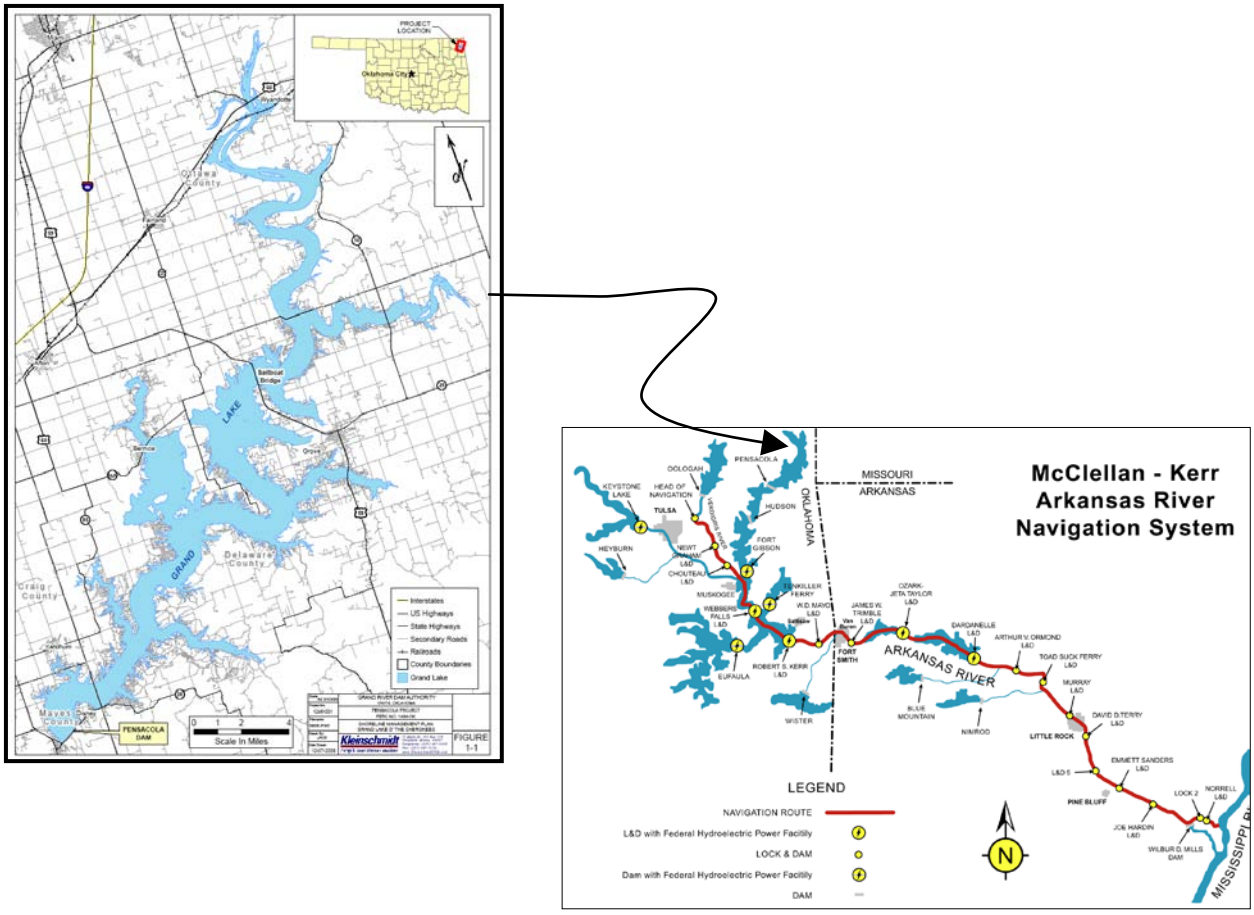
FY 2012 Scheduled Work: Not in the President's FY2012 budget.

FY 2013 Budget: Not in the President's FY2013 budget. If funding is received it would be used to develop a GIS database framework, gather hydrology and hydraulics information, and collect gross appraisal data and estimates.

COMPLETION: With optimum funding, the study completion date is July 2018.

For more information regarding the Grand Lake, Oklahoma, study, contact Gene Lilly, Project Manager, at 918-669-7196 or Douglas.E.Lilly@usace.army.mil.

PROJET MAP
GRAND LAKE, OKLAHOMA



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