



**US Army Corps
of Engineers**
St. Louis District

Information Paper Rend Lake, IL

Flood Control Act of 1962.

Operation and Maintenance (NAV)

Location and Description: The project is located near Benton, Illinois in Franklin and Jefferson Counties. The project provides flood control, water supply, recreation, and conservation of fish and wildlife. The earth dam is located on the Big Muddy River at mile 103.7 and two sub-impoundment dams are located on the upper arms of the lake.

- FY 2017 Allocation (\$5,656k) (baseline service level \$6,006k), Supplemental Funding (\$300K)
 - Operate and maintain project at a less than acceptable service level
 - Install sluice gates and inspect stilling basin
 - Repair flood damages to beaches and shoreline.

- FY 2018 President’s Budget (\$7,593k)
 - Operate and maintain project at acceptable service level
 - Complete priority dam safety repairs (armor pilot channel and raise main dam upstream revetment shelf),
 - Complete efficiency improvements to recreation infrastructure (waterlines)
 - Update Project Master Plan

- Status:
 1. The four outlet works sluice gates do not seal and have other damages and are in need of replacement. Contract awarded in FY17; targeted completion FY18.
 2. The stilling basin for the spillway of the Rend Lake Dam contains a scour hole which was identified during a periodic inspection. The scour hole must be repaired before it begins to effect the integrity of the spillway structure. The work is contingent on lake levels and is scheduled to be completed early FY-18 (water level dependent).



Stilling Basin in need of repairs



Recreation area shoreline damage due to flooding

VALUE TO NATION	
Ton Miles	N/A
Tonnage	N/A
Project Cost per Ton	N/A
FY12 Visitor Spending	127,557,000
FY12 Jobs Supported (Rec spending only)	1,238
Rec Area Management	11 by Corps/2 by Outgrant
Acres Managed	40,000

	FY13	FY14	FY15	FY16	FY17
- Federal Allocation	\$5,104k	\$5,550k	\$6,148k	\$5,550k	\$5,656k
- Supplemental	\$ 0	\$ 0	\$ 0	\$ 0	\$ 300k
-Non Appropriated Contributions	\$675k	\$696k	\$917k	\$1,049k	\$1,149k*
- Total Visits				1,290k	TBD

*Change in Corps’ Visitation Estimation Reporting System process

Funded repairs to flood damages (shoreline erosion and beaches) that occurred during Winter 2015/2016 flood are complete.