



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

Information Paper

Carlyle Lake, IL

Operation and Maintenance (O&M)

Contact:

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Location: The project, completed in 1967, is located on Kaskaskia River, approximately 107 miles above its mouth, near Carlyle, Illinois. Portions of the project are situated in Clinton, Fayette, Bond, and Marion counties.

Description: Carlyle Lake is the largest man-made lake in Illinois, with over 24,710 acres of water, 12,833 acres of public land, 88 shoreline miles, and 26,000 acres of flowage easement. This lake provides flood control, downstream water quality, water supply to nearby communities (25 million gallons per day), recreation (eight major recreation areas managed by Corps and six major recreation areas managed by others), and fish and wildlife conservation; and is authorized to augment navigation flows downstream on the Kaskaskia River.

Authority: River and Harbor Acts of 1938, 1944 and 1958.



Figure 1: Carlyle Lake, IL

Activities for FY24:

- Operate and Maintain Project at funded levels.
- FY24 PBUD Specific Work – Perform Dam Trilateration Survey (\$40k), Update Water Control Manual for format and Clarity (\$25k).
- FY24 BIL – Shoreline Revetment (\$600k), Pump Station Rehabilitation (\$380k), Facility Security Improvements (\$300k), Sauger Fisheries Management (\$50k), Hardwood Tree Management (\$50k), 300 Acre Wildlife Habitat Management (\$125k).
- Ongoing BIL – shoreline erosion repairs, levee repairs, pump station switch gear replacement, main dam component painting, wetland restoration, Lake Rd culvert bridge replacement, and main dam & administrative compound generator replacement.

Activities after FY24:

- Operate and maintain project at funded levels.
- Implement land management activities required in the U.S. Fish and Wildlife Service Biological Opinion on Eastern Massasauga Rattlesnake.
- Environmental Stewardship: Shoreline Stabilization (\$400k), Land acquisition and revetment of eroded private property (\$300k), Boundary Maintenance (\$175k), Invasive Species (Asian Carp) Study (\$150k).
- Flood Damage Risk Reduction: Land acquisition and revetment of eroded private property (\$2.2M), Breakwater Repair (\$600k), Dam Safety Tree Removal (\$525k), Security Improvements (\$825k), Repair Bulkheads (\$2M), Boundary Maintenance (\$500k), Earthquake Study (\$186k).
- Recreation: Boat Ramp repairs (\$1.5M), Road Repairs (\$2M), Dredging (\$510k), Road Repairs (\$330k), ADA Building and Efficiency Improvements (\$1.7M).

Congressional Interest: Senate: Durbin and Duckworth (IL)
House: Bost (IL-12), Miller (IL-15)

| VALUE TO NATION | | | | |
|--|--------------|----------------|----------------|------------|
| | FY20 | FY21 | FY22 | FY23 |
| Flood Damages Prevented (Cumulative 1993- Carlyle-Shelbyville) | \$892M | \$911M | 1,044M | TBD |
| Visitor Spending | \$84M | \$133M↑ | \$152M↑ | TBD |
| Jobs Supported | 719 | 849 | 940 | TBD |
| Total Visits | 2,523k | 2,790k | 2,640k | TBD |

| PROJECT TRENDS | | | | |
|--------------------------------|-----------------|------------------|-----------------|-----------------|
| | FY21 | FY22 | FY23 | FY24 |
| Federal Allocation | \$6,504k | \$10,064k | \$6,245k | \$6,623k |
| Supplemental | \$489k | \$0 | \$0 | \$0 |
| BIL* | \$0 | \$9,350k | \$2,666k | \$1,505k |
| DRSSA** | \$0 | \$4,800k | \$0 | \$0 |
| Non-Appropriated Contributions | \$411k | TBD | TBD | TBD |

*Bipartisan Infrastructure Law

**Disaster Relief Supplemental Appropriations Act