

SECTION VI
OPERATING PROJECTS: STATUS

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6-01. PROJECT DEVELOPMENT AND OPERATION CHRONOLOGY

Carlyle Lake was authorized by the Flood Control Act of 28 June 1938 and the Flood Control Act of 3 July 1958 for flood control and related multiple purposes. Construction started in 1958 and lake impoundment began on 1 April 1967.

6-02. CHRONOLOGY OF EXPENDITURES FOR PUBLIC USE AND ENVIRONMENTAL RESOURCE DEVELOPMENT

a. Federal Government.

(1) Recreation Area Development.

Eight public recreation areas, totaling 639 acres, have been developed by the Corps of Engineers. The following areas have been intensively developed: Dam West; Dam West Spillway; Keyesport ; General Dean Bridge; Dam East Spillway; Dam East; Coles Creek; and Boulder. The scope of development varies at each area. Some areas provide basic facilities such as access roads, picnic tables, comfort stations, and a launching ramp with related parking, while others provide swimming beaches, camp sites with electrical hookups, a washhouse, playgrounds, an amphitheater and nature trails. The total cost of recreational and environmental developments for the Corps developed areas was \$4,200,000. Of this total, \$1,850,000 was for initial development and construction of 3 major camp areas, 3 major picnic areas, 6 boat ramps, and 9.7 miles of bituminous road. Since initial construction, the Corps has continued to maintain facilities in the recreation areas. Table 9 summarizes existing recreational facilities at both Corps and IDNR managed areas at Carlyle Lake.

(2) Operation And Maintenance Cost.

Federal operations expenditures for the period 1 October 1995 through 30 September 1996 (Fiscal year 1996) amounted to \$3,048,479. Maintenance expenditures for the same period were \$1,681,797 for a total operation and maintenance cost of \$4,730,276.

b. Non-Federal Public Agencies. Three areas comprising 10,818 acres of land and water are under management by the Illinois Department of Natural Resources at Carlyle Lake. Two of these three areas provide public park and recreation facilities. Eldon Hazlet State Park lands and waters comprise approximately 2,335 acres, and South Shore State Park contains approximately 305 acres. The state sites, although not developed at the same level, provide day use areas with picnic and playground facilities, boat access areas with associated parking, hiking and nature trails, amphitheater with structured interpretive programs, year-around house keeping type cabins, fish rearing ponds, sailboat harbor access camping areas from vehicular sites with electric hookups to primitive large group areas, wildlife habitat and viewing areas, and visitor concession facilities. The remaining 8,178 acres of state managed areas at Carlyle Lake include all project lands and waters north of the Tamalco and Patoka Boat Access Points. These lands and waters are licensed to the Illinois Department of Natural Resources for fish and wildlife management purposes. In 1992, 7,502 acres were removed from the license for fish and wildlife management to allow the State to concentrate its resources on their

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wildlife management area. Within this 8,178 acre area, provisions have been made through the placement of ring levees, crown levees and control structures to manage 3,200 acres as reservoir subimpoundments in order to provide a diverse habitat for wildlife and ample food supply during the waterfowl migration season. An additional 3,478 acres of land are managed to provide hunting opportunities for upland game species including deer, rabbit, squirrel, quail, dove, and raccoon. The remainder of the fish and wildlife area includes approximately 1,500 acres of open water and flooded timber zoned for consumptive (hunting and fishing) and non-consumptive use (Watchable Wildlife). The graphic on PLATE 13A includes all of the IDNR managed subimpoundment areas and shows all existing, proposed and future developments planned for that area. Access to this large area is provided at the Tamalco Boat Access Point, Patoka Boat Access Point, Cox Bridge Boat Access Area, Parking Lots 1, 2, and 3, which provide walk-in access to the subimpoundment areas, and the Hitogi Boat Access Area, located on adjacent State lands. The OPERATIONAL MANAGEMENT PLAN describes in detail how all project lands and waters are managed for fish and wildlife purposes. Capital investment for physical and environmental developments at the state controlled facilities through 1995 total approximately \$ 11,745,000. Proposed capital expenditures, those beyond 1996 though the year 2005, are estimated at approximately \$ 4,945,000. Future capital expenditures, those beyond the year 2005, are estimated at approximately \$ 9,579,000. See Appendix IV for a detailed breakdown of State capital expenditures (existing, proposed and future).

c. Private Recreational Investment.

(1) Community Docks.

(a) A Shoreline Management Plan has been implemented to provide protection of desirable characteristics of the shoreline. The plan (now Section II Part D of the Operational Management Plan) was approved in May of 1976 and has been updated to comply with current regulation. The updated plan considers the entire shoreline and establishes the zoning classification of Carlyle Lake shoreline. All permits for lakeshore use will be in conformance with the Shoreline Management Plan.

(b) Since existing community docking facilities, which are listed below, are located in areas not approved for development under the Shoreline Management Plan, a grandfather rights provision applies. As long as such facilities are in acceptable condition they may remain. The docking facilities are indicated on PLATE 2.

Lakeshore Acres Community Association (CD-2)
Tract 402-2 34 docks
Permit 004, expires September 1999

Edgewater Beach Improvement Association, Inc. (CD-1)
Tract 145-2 39 docks
Permit 007, expires September 1999

Wade Hill & Dale Club (CD-3)
Tract 712-E2 10 docks
Permit 005, expires September 1999

Harbor Light Bay, Inc. (CD-4)
Tract 726 34 docks
Permit 008, expires September 1999

North Branch Harbor, Inc. (CD-5)
Tract 789 16 docks
Permit 009, expires September 1999

(2) Concession Leases. At present there are six commercial concession area leases or subleases at Carlyle Lake. Three of the areas are located at Corps developed public recreation areas. The remaining three are subleases located on land leased to the State of Illinois. The following is a description of the concession area leases:

(a) The commercial concession facility at the Dam West Recreation Area has been in operation since the 1969 recreation season. The current level of development includes 375 boat slips, boater's showers, sales and service building, boat and motor rentals, and fueling dock. The leased area comprises approximately 13 acres. A site plan of the leased area is presented on PLATE 4.

(b) The Keyesport Recreation Area commercial concession facility has been in operation since the beginning of the 1971 recreation season. Development to date includes 120 boat slips, bait shop, restaurant and sales building, boat and motor rentals, and fuel docks. The leased area comprises 14.0 acres. A site plan of the leased area is presented on PLATE 5.

(c) The commercial concession development at the Boulder Recreation Area has been in operation since 1971. Development includes 274 boat slips, sales and service building, snack shop, boat and motor rentals and fuel dock. The leased area comprises 17.1 acres. A site plan of the leased area is presented on PLATE 6.

(d) A 34 acre sailboat harbor area has been subleased by the Illinois Department of Natural Resources at Eldon Hazlet State Park to the non-profit Carlyle Sailing Association. The State has provided the association a harbor, sailboat storage lot, vehicle parking, boat hoist, boat launching ramp, toilet and shower building, harbor building, and other miscellaneous plumbing and electrical facilities. Services and facilities provided by the sublessee include an elevator hoist for launching and retrieving sailboats, floating boat docks, dry slip rental, a picnic area with a pavilion and playground, a pole storage building, decorative security fencing, landscaping and organized sailing activities such as regattas.

(e) The Illinois Department of Natural Resources also subleases two land area sites at Eldon Hazlet State Park for concessionaire owned and operated facilities. The Illini Campground site serves as a camping and picnicking supply store and the Allen Branch site serves as a mobile concession that is operated on a seasonal basis.

(f) A 39 acre area in the Dam West Recreation Area has been leased to the IDNR who in turn has subleased it to the City of Carlyle for development of a lodge/resort complex. The City is pursuing a developer for the site.

(3) Licenses One year, renewable licenses are used to provide a portable concession at Dam West Beach, laundry facilities at Dam West, Coles Creek and Boulder Campgrounds and soda machines in various recreation areas.

d. Overnight Accommodations. A 1986 Feasibility study for overnight accommodations at Carlyle Lake investigated the market potential for development of overnight accommodations and ancillary services. A strong market demand for resorts, rustic lodges and cabins in close proximity to

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lakes and other recreational activity centers was identified at that time. Since that time, private and public cabins have been developed around Carlyle Lake. Private cabins have been developed off project near Keyesport. The State is in the process of developing cabins at Eldon Hazlet State Park. A private developer is being sought by the City of Carlyle under lease agreement with the State of Illinois and the Corps of Engineers to develop a resort in the Dam West Recreation Area. Since the South Shore State Park area was previously selected as a potential site for a lodge/resort development, that option should remain open for future consideration. In the future, cabin development in South Shore State Park may be developed along the shore in the western portion of the park.

e. Summary of Recreation Facilities.

Table 9 presents a listing of all existing recreational facilities that have been provided at Carlyle Lake by the Corps of Engineers, the State of Illinois, and private concessionaires.

| AREA | Amphitheatre | Campsite | Campsite Elec. Outlets | Group Camp Areas | Dump Stations | Wash Houses | Picnic Sites | Picnic Shelters | Swimming Beaches | Comfort Stations (Water) | Comfort Stations (Vault) | Fish Cleaning Stations | Fountain/Hydrants | Boat Ramp Lanes | Playground Equipment | Bathhouse | Comfort Station w/Shower | Covered Tables | Visitor Center | |
|--------------------------------|--------------|----------|------------------------|------------------|---------------|-------------|--------------|-----------------|------------------|--------------------------|--------------------------|------------------------|-------------------|-----------------|----------------------|-----------|--------------------------|----------------|----------------|---|
| Dam West | | | | | | | | | | | | | | | | | | | | |
| Boat Access & Marina/Resort | | | | | | | | | | | | | | | | | | | | |
| Beach & Day Use | | | | | | | 93 | 2 | 1 | | | | | | | 2 | 1 | 1 | | |
| Campground | 1 | 118 | 113 | | | 1 | | | | 2 | 2 | | 8 | | | 2 | | | | |
| Visitor Center | | | | | | | | | | | | | | | | | | | | 1 |
| West Spillway | | | | | | | 48 | 1 | | 2 | 2 | 1 | 4 | | | 1 | | | | 4 |
| Keyesport | | | | | | | | | | | | | | | | | | | | |
| Boat Access & Marina | | | | | | | | | | 1 | | 1 | 1 | 4 | | | | | | |
| Beach & Day Use | | | | | | | 19 | 1 | 1 | | | | 2 | | | 1 | | | | 4 |
| Gen. Dean Picnic & Boat Access | | | | | | | 10 | | | | 1 | | | 1 | | | | | | |
| East Spillway | | | | | | | 46 | 1 | | 2 | 2 | 1 | 5 | | | 1 | | | | 3 |
| Dam East | | | | | | | | | | | | | | | | | | | | |
| McNair Group Camp | | 66 | 25 | 5 | 1 | | 47 | 3 | | 2 | | | 5 | | | 1 | | | | |
| Beach & Day Use | | | | | | | 10 | | 1 | | 1 | | 1 | | | 1 | | | | 1 |
| Boat Access | | | | | | | | | 1 | | | 2 | 2 | 5 | | | | | | |
| C.C. Beach Day Use Boat Access | | | | | | | 42 | 3 | 1 | 2 | 2 | 1 | 3 | 5 | 2 | 2 | 1 | | | |
| Campground | 1 | 148 | 148 | | 1 | 1 | | | | 8 | | | 11 | | | 1 | | | | |
| Group Camp | | | | 1 | | | | | 1 | | 1 | | 1 | | | 1 | | | | |
| Boulder | | | | | | | | | | | | | | | | | | | | |
| Campground | 1 | 90 | 77 | | | 1 | | | | 3 | | | 5 | | | 1 | | | | |
| Boat Access, Marina, Picnic | | | | | | | 30 | 1 | | 2 | | 1 | 2 | | | 1 | | | | |
| Outlying Access Points | | | | | | | | | | | | | | | | | | | | |
| Corps Total | 3 | 422 | 363 | 6 | 4 | 3 | 345 | 14 | 4 | 24 | 13 | 6 | 57 | 32 | 15 | 2 | 2 | 12 | 1 | |
| Eldor. Hazlet State Park | 1 | 364 | 328 | 1 | 3 | 4 | 250 | 8 | | | 20 | 1 | 42 | 7 | 4 | | | | | |
| South Shore State Park | | 33 | | | 1 | | 120 | 1 | | | 5 | | 13 | 1 | | | | | | |
| State Total | | 397 | 328 | 1 | 4 | 4 | 370 | 9 | | | 25 | 1 | 55 | 8 | 4 | | | | | |
| Grand Total | 4 | 819 | 691 | 7 | 8 | 7 | 715 | 23 | 4 | 24 | 38 | 7 | 112 | 40 | 19 | 2 | 2 | 12 | 1 | |

Table 9
Carlyle Lake, Summary, Existing Public Recreation Development