
LAKE SHELBYVILLE MASTER PLAN

**KASKASKIA RIVER WATERSHED
SHELBYVILLE ILLINOIS**

APPENDIX C – PREVIOUS DESIGN MEMORANDA

LAKE SHELBYVILLE DESIGN MEMORANDA

| <u>Memorandum Number</u> | <u>Title</u> | <u>Date Submitted</u> |
|-------------------------------------|--|----------------------------------|
| 1 | Hydrology and Hydraulic Analysis | 29 Dec 60 |
| 2 | Site Selection | 2 Mar 61 |
| 3 | General Design | 28 Dec 61 |
| 4 | Geology and Soils | 1 Mar 62 |
| 5 | Buildings, Utilities, and Access Roads | 1 May 62 |
| 6A | Real Estate Memorandum for Damsite Areas | 9 May 62 |
| 7A | Preliminary Master Plan | 1 Jun 62 |
| 8A | Relocations – Utilities | 31 Oct 62 |
| | Revised and Resubmitted | 13 Feb 64 |
| 6B | Real Estate Memorandum for Public Use Areas and Reservoir | 21 Dec 62 |
| 8C-2 | Relocations – County and Township Roads | 10 Jul 63 |
| 8C-1 | Relocation – State Highways | 27 Nov 63 |
| 7B | Master Recreation Plan | 30 Jun 64 |
| 8B | Relocations – Railroads | 1 Jul 64 |
| 9A | Availability of Construction Materials | 21 Aug 64 |
| 9 | Main Dam and Spillway Cemetery | 30 Nov 64 |
| 8D | Relocation Plan Relocations – | 1 Apr 65 |
| 8E | Miscellaneous Utilities Maintenance | 1 Feb 66 |
| 10 | Facilities | 9 Jul 68 |
| 11 | Improved Access to Public Use Areas | 30 Oct 73 |
| 12 | Letter Report, Shoreline Erosion | 29 Jan 93 |

The original Lake Shelbyville Master Plan, Design Memorandum 7B, was approved in October 1964, revised in 1974 and updated in 1998 and 2004. There were nine supplements and three letter reports requesting changes or additions to the original document. Eight supplements and two letter reports were submitted requesting changes or additions to the revised or updated documents. A series of documents on Shoreline Erosion has modified the Master Plan. The Shoreline Erosion documents include a Shoreline Erosion Management Plan and Environmental Assessment, a memorandum, and two letter reports.

The following paragraphs in this section represent a chronological presentation of the supplements and letter reports to prior master plans.

Original Master Plan 1964 – 12 Supplements and Letters

- Original Master Plan, 30 June 1964, presented a plan for operation and development of the proposed new reservoir. Plan was approved by ENG CW-OM, 16 October 1964.
- Supplement No. 1, 31 August 1967, presented the necessary modifications for upgrading the sanitary facilities at Wilborn Creek, Sullivan, and Whitley Creek Access Areas. Improvements included the installation of water borne comfort stations in lieu of the standard vault-type units that were previously approved for these areas, central shower and laundry buildings, and sanitary dump stations for the campsite developments at Areas 8 and 10, and sewage treatment facilities, 1st Endorsement, 19 October 1967.
- Letter, LMSED-PC, this office, 29 September 1967, Subject: Water Supply for Recreation Areas D-1, D-2, D-3, 1, 2, 3, and 13, Shelbyville Reservoir, Kaskaskia River, Illinois. The purpose of this letter was to obtain approval of a plan for supplying water to the subject recreation areas using the activity of Shelbyville's water system. Studies of comparative costs indicated a distinct economic advantage for using the city's water supply in lieu of costs for installing, operating, and maintaining treatment plants of sufficient size to furnish water to the seven access areas. It was recommended that the letter be approved as a basis for proceeding with negotiations with the City of Shelbyville for the water service contract. Letter was approved by LMVED-TD, 1st Endorsement, 2 November 1967.
- Supplement No. 2, 7 February 1968, proposed the upgrading of sanitary facilities and the site plans at recreation area D-1, D-2, D-3, 1, 2, 3 and 13. It also contained minor additions to the previously approved upgrading plan for recreation areas 6 and 8. Modifications included provisions of central shower and laundry buildings and sanitary dumping stations at camping areas 2 and 13, conversion of 25 existing SC-1's in lieu of five previously approved SC-1's at areas D-2 and D-3, sewage treatment facilities for area 1, 2, 3 and 13, and provision of marine sanitary stations near the launching ramps at areas D-3, 1, 3, 6, 8, and 13. With exception of the latter, supplement was approved by ENG CW-OM, 2nd Endorsement, 13 June 1968. It was suggested that one marine

sanitary station be installed at Lake Shelbyville to determine the costs of installation, operation and maintenance for a one-year period.

- Supplement No. 3, 9 April 1969, proposed excavation and shaping of six previously approved boat harbor sites to ensure adequate and safe mooring and maneuvering areas as required, to develop and provide for their maximum utilization. Supplement was approved by LMVCO-O, 1st Endorsement, 5 May 1969.

- Letter, LMSSD-C, this office, 14 November 1969, Subject: Request for Approval of Contract with Moultrie County Rural Public Water District for Furnishing Water Service to Public Use Areas 6, 8, 10 and 11. Letter was approved by ENGGC-R, 2nd Endorsement, 29 December 1969.

- Supplement No. 4, 17 March 1970, presented a plan for providing improved access roadways to the Lithia Springs and Lone Point Public-Use Areas. The proposed improvements included construction of 10,900 feet of roadways with 20-foot wide surface and 4-foot shoulders. The access roads were designed to be comparable to the circulation roads within the recreation areas. The local county road authorities agreed to purchase all additional necessary rights-of-way and to be responsible for maintaining the completed roadway. Supplement was approved by ENDCW-EZ, 2nd Endorsement, 22 April 1971, with one reservation - "Prior to construction, local interests must acquire and turn over to the Government fee title for right as-of-way necessary to accommodate the improvements. Also, assurances that the roads will remain open to the public and that the county will accept maintenance responsibility with easement return, must be furnished." Subsequently, these requirements were further elaborated on in paragraph 3 of the 4th Endorsement.

- Letter, LMSED-PC, this office, 14 May 1970, Subject: Marine Sanitary Stations at Lake Shelbyville. In 2nd Endorsement to Supplement No. 2, ENGCW-OM, 13 June 1968, it was suggested that one such sanitary station be provided (see (3) above). However, to comply with Illinois Department of Public Health regulations that prohibit the discharge of sewage from boats into Federal impoundment areas, it was requested that two additional sanitary stations be installed. The three stations are located at recreation areas 6, 10, and 13 and should adequately serve the lake. Letter was approved by ENGCW-OR, 2nd Endorsement, 26 June 1970.

- Supplement No. 5, 15 January 1971, requested approval to construct a swimming area at the Shelbyville Dam West Access Area (D-3). In addition to the swimming beach, complementary facilities would include a connecting roadway, paved walking area, grass overflow parking area, drinking fountains, paved walkway and a bathhouse to include toilets, showers, and change space. It was proposed to complete phases of planned initial development of the facilities at the D-3 area and outgrant all lands and facilities to the City of Shelbyville for operation and maintenance. In addition to the proposed beach facility, previously approved facilities at this area include a boat launching ramp and

related parking, modest picnicking and sanitary facilities, limited landscaping, boat harbor concession site, and adequate lands to complement the city park. Supplement was approved by ENGCV-PV, 2nd Endorsement, 10 March 1971.

- Supplement No. 6, 10 March 1972, requested authority for providing electrical facilities at the campsites in Coon Creek and Sullivan Public Access Areas (Sites 2 and 8). Improvements included campsite service equipment for 126 campsites at Coon Creek and 81 campsites at Sullivan Access Area. The provision of these facilities at 207 of the total 415 campsites originally approved for the lake would assure that the using public will have a choice of campsites relative to their needs. Supplement was approved by LMVPD-R, 1st Endorsement, 5 April 1972.

- Supplement No. 7, 23 August 1972, proposed the construction of an additional roadway at Lithia Springs Access Area to separate the concession area, boat launching complex, and day-use facilities from the camping facilities. In addition, a campground control station was proposed for purposes of maintaining security and collecting user fees. Supplement was approved by LMVPD-R, 6 October 1972.

- Supplement No. 8, 17 November 1972, proposed the development of a swimming beach facility on a portion of Area E, to be constructed jointly by the Corps of Engineers and the County Board of Moultrie County. Supplement was approved by LMVPD-R, 19 December 1972.

- Supplement No. 9, 18 April 1973, proposed upgrading and/or construction of new recreational facilities for the Opossum Creek, Lone Point, Coon Creek and Lithia Springs Access Areas. Changing recreational demands resulted in most of the picnic facilities being unused, therefore, the unused areas at Lone Point and Opossum Creek were converted to the more desirous recreational use of camping, with both tent and camper units. Additional campsites were added at Coon Creek and Lithia Springs. This supplement described the work and cost estimate of converting these picnic areas to camping use with support facilities. Supplement No. 9 was approved by LMVPD-R, 1st Endorsements, 9 November 1973.

Revised Master Plan 1974 - 9 Supplements and Letter

- Revised Master Plan, 20 May 1974, described how project lands, waters, and other resources would be conserved, enhanced, developed, and managed in the public interest. The plan also identified a reallocation of some projects lands, reflecting a change in management. Plan was approved 29 May 1975.

- Supplement No. 1, 15 October 1975 proposed the upgrading of beach sanitary facilities at the Wilborn Access Area and the Okaw Bluff, Sullivan Beach Area to meet State of Illinois standards for recreation areas established as rules and regulations by the Illinois Department of Public Health. Supplement was approved by LMVCO in a 3rd Endorsement on 7 May 1976.

- Letter, LMSED-BR, this office, 7 April 1976, Subject: Request authority to rename the Sullivan Access area the Forrest W. "Bo" Wood Access Area in recognition of Mr. Wood's support for water resources projects of the Kaskaskia River, Illinois. Letter was approved by LMVPD-R in a 1st Endorsement 29 April 1976.
- Supplement No. 2, 23 July 1976, proposed the development of a Visitor Center in the East Access Area. Supplement was approved by LMVPD-R in a 3rd endorsement dated 14 January 1977.
- Supplement No. 3, Illinois Department of Conservation Recreation - Resource Development Plans, provided updated plans submitted by the Illinois Department of Conservation now known as the Illinois Department of Natural Resources, for recreation - resource development on public lands managed by the State of Illinois agency at Lake Shelbyville. Supplement was approved by LMVPD-R in a 1st Endorsement dated 23 November 1976.
- Supplement No. 4, 9 February 1979, purpose: To reallocate land uses presently assigned to portions of the projects' land area, determine the best use for those access areas returned to the Corps from the Illinois Department of Conservation, and to update all site plans to reflect their as-built condition. Supplement was approved by LMVPD-R, 1st Endorsement, 6 April 1979.
- Letter, LMSOD-R, this office, 26 July 1979, Subject: Upgrade Sanitation Facilities, Code 710 Program, Lake Shelbyville, Illinois. Letter was approved by LMVPD-R, 1st Endorsement, 31 August 1979.
- Supplement No. 5, 31 May 1984, purpose: to modify five comfort stations to include shower facilities at two camping areas, and to prepare a supplement to the Real Estate Design Memorandum that proposes acquisition of six right-of-entry easements to remote parcels of public land. Supplement was approved by LMVPD-R, 3rd Endorsement, 22 February 1985 except for the acquisition of easements, which was denied.
- Supplement No. 6, 19 February 1988, purpose: to remodel two comfort stations to provide shower facilities, replace four vault toilets with two water borne facilities, and to expand the existing parking area at a boat ramp. Supplement was approved by CELMV-PD-R, 1st Endorsement, 24 March 1988.
- Supplement No. 7, 11 October 1996, proposed the construction of high water access ramps. Supplement was approved by CELMV-ET-PR, 1st Endorsement, 25 October 1996.

Shoreline Erosion Management Plan, 1993

These five documents provide for the protection of facilities from the shoreline erosion that is experienced at Lake Shelbyville.

- Letter Report, 11 May 1970, LMSED-PC, Lake Shelbyville, Illinois, Shoreline Erosion. This document recommended that shoreline protection be provided for areas where boat launching ramps were located and for one cemetery. For the remainder of the reservoir area the report recommended that protection be deferred until it was considered necessary.
- Memorandum, 17 October 1991, CELMV-PD-R, Subject: Facility Impacts of Shoreline Erosion, Lake Shelbyville, Illinois. This memorandum requested that the costs in the draft Shoreline Erosion Report be reconciled, NED benefits reported, additional information of the riprap design was needed, and no new facilities can be added nor can facilities be upgraded as part of the shoreline erosion plan.
- Shoreline Erosion Management Plan and Environmental Assessment, July 1992, St. Louis District COE. This plan identified those areas that would need to be protected, relocated or removed due to the progress of the shoreline erosion on the lake. This report only covered those facilities that would be impacted within the next 30 years, continuing with the philosophy of the previous report of deferring protection until it is necessary. The time period was chosen because of practical concerns such as the life of the facilities and changes in facility needs. The facilities at Dam East, Dam West, Lithia Springs, and Okaw Bluff Recreation Areas along with Eagle Creek State Park, Fox Harbor Marina (now known as Sullivan Marina and Campground) and Findlay Marina were areas that were considered to be the first priority for protection, relocation or removal of facilities. Locations with lower priorities were Bo Wood, Lone Point, Coon Creek, Opossum Creek, Whitley Creek, Wolf Creek State Park, and Wilborn Creek. An environmental Finding of No Significant Impact (FONSI) was signed on these actions on 4 February 1992.
- Letter Report, CELMS-OD-R, 29 January 1993, Shoreline Erosion Plan. This report proposed a combination of revetment and relocation as a result of the shoreline erosion at Lake Shelbyville as outlined in the above plan. This report contained detailed riprap designs and cost estimates for proceeding with the work outlined in the proceeding reports.
- Supplement No. 1 to Shoreline Erosion Letter Report, 17 September 1995, CELMS-CO-TO. The supplement corrected and clarified oversights in the Lake Shelbyville Shoreline Erosion Management Plan. The supplement included costs for relocating facilities and clarifying information on the size of new facilities.

Master Plan Update 13 October 1998 – 1 Letter

- Updated Master Plan, 29 July 1998, provides a current inventory and assessment of land and water resources and physical improvements, a reformulation of resource use objectives, discussions of influences on lake operations and management and an evaluation of existing and future needs required to protect the value of the resource base.

Emphasis has been placed on increasing the efficiency of operations and rehabilitation of facilities. Plan was approved by CEMVS-DE, 1st Endorsement, 13 Oct 1998.

- Letter Report, 14 October 1999, CEMVS-CO-S, Findlay Marina. This report proposed maintenance dredging at the Findlay Marina site at Lake Shelbyville and identified low water issues at the marina's boat ramp due to flood damage reduction activities.

Master Plan Update, 29 July 2004 - 1 Letter

- Updated Master Plan, 5 May 2004, clarified future proposals related to Shoreline Erosion, modernization/consolidation of facilities and other special concerns. Plan was approved by CEMVS-DE, 29 July 2004.

- Supplement No.1, 11 December 2009, proposed adding two administrative full hookup campsites with an access road for volunteers to maintain a security presence in Dam West. The proposal also included the addition of a two-lane high water boat ramp at Coon Creek. Supplement was approved by CEMVS-DE, 11 December 2009.

DRAFT