

13 January 2006

Report of Recreation Modernization Activities - Fiscal Year 2005
Lake Shelbyville, Illinois

1. Pursuant to memo of 3 November 2005 from CECW-CO, same subject, the following information is provided regarding Recreation Modernization Activities at Lake Shelbyville, Illinois, during Fiscal Year 2005 (FY05).
2. Recreation Modernization FY05 allocation for Lake Shelbyville was \$750K. Lake Shelbyville experienced the second highest pool level in its 34-year history during January 2005. The resulting flood damage and subsequent repairs interfered with our ability to complete full execution of our \$750K recreation modernization commitment in FY05. Due to requirements for getting flood damaged facilities operational for the 2005 recreation season we were only able to execute \$391K for recreation modernization during FY05. Through agreement with Headquarters, the balance of the recreation modernization commitment (\$350K) will be delayed until FY06.
3. At Lake Shelbyville, Recreation Modernization funds were used to continue the relocation of the Forrest W. "Bo" Wood Recreation Area Campground as shoreline erosion threatens the original campground. A Project Management Plan (PMP) was prepared to guide this work. Copy of the PMP is attached.
4. The PMP is a comprehensive plan covering all aspects of the Bo Wood relocation. We are following the plan, accomplishing individual tasks as funding and working conditions permit.
5. Recreation Modernization activities accomplished at Bo Wood during FY05 were as follows:
 - a. Install sewer to Bo Wood campground loop areas 1 and 2
 - b. Complete rock base for roads in Bo Wood campground loop areas 2a, 4a, and 4b
 - c. Complete 52 campsites in Bo Wood campground loop areas 1, 2, 2a, 3 and the Administrative Loop
 - d. Purchase signs, hydrants, landscape timbers and sewer pipe for campsites that will be full hook-up
 - e. Install hydrants and water lines to campsites that will be full hook-up
 - f. Pave new campground roads
6. Recreation Modernization expenditures at Lake Shelbyville during FY05 totaled \$391K.

7. Recreation Modernization activities that will be accomplished at Bo Wood during FY06 are as follows:

- a. Open 52 new campsites at Bo Wood to the public at beginning of 2006 recreation season.
- b. Install signs in areas that will be opened in 2006.
- c. Construct replacement fee booth and parking area.
- d. Construct replacement trailer dump station.
- e. Construct new entrance road to the Bo Wood recreation area.
- f. Raise low areas of interior roads and construct turnarounds.
- g. Remove old fee booth and trailer dump station.
- h. Complete ENG Form 3013 for new mini-shower, fee booth and trailer dump station, and for disposal of two old comfort stations, fee booth, trailer dump station and shower building.

8. The public has been interested in the campground relocation/renovation of the Forrest W. "Bo" Wood Recreation Area since the completion of the Lake Shelbyville Shoreline Erosion Study in the Early 1990's. Now that the work is actively proceeding, people in the area are looking forward to the "new" Bo Wood. There has also been Congressional interest in the Bo Wood project.

9. Input for the After Action Report is as follows:

- a. What Went Well: The entire concept of Recreation Modernization is providing excellent results for campground modernization at Lake Shelbyville. The following are direct results and positive examples of this successful program:
 - Coordination and review between project staff and district elements for Plans & Specifications and Design work to execute the Project Management Plan produced an excellent product
 - No contractor safety violations and no lost time accidents by project staff, volunteers or partners throughout the execution and completion of proposed Recreation Modernization activities
 - The Recreation Modernization Activities program provided Lake Shelbyville with additional opportunities to gain project support and involvement through Leverage Partnerships:
 - a. Student Conservation Association

- b. Reserve Naval Construction Battalion 26 (SEEBEES)
 - c. City of Sullivan
 - d. Volunteers
 - e. Taylorville Correctional Center – Illinois Department of Corrections
-
- b. What Didn't Go Well: Lake Shelbyville experienced a record high water event during FY05 that reduced the project's ability to fully expend Recreation Modernization funds as well as handle flooding requirements with the current staffing levels. A contingency plan was not in place to postpone work due to unforeseen circumstances.
 - c. Lessons Learned: New constraints, such as those imposed by the Engineering Circular entitled, "Execution of the Annual Civil Works Program" (currently in draft form), may have an impact on execution of the Recreation Modernization in the future. In particular, approval of large contracts by higher authority must be done promptly and timing of funding will have to be carefully watched due to quarterly review of obligations and expenditures. In addition, funding will not all be received up front for contracts unless correctly scheduled.



Area 1



Area 1 After



Area 2



Area 2 After



Area 2 looking towards playground



Area 2 looking towards playground – after



Area 2



Area 2 After



Area 2a



Area 2a After



Area 2a



Area 2a After

RECREATION INITIATIVE FUNDING PROPOSAL

Project Name: Lake Shelbyville – CWIS 016691 **State:** Illinois

Work Location: Forrest W. “Bo” Wood Recreation Area

Work Description: Relocation of Bo Wood campsites and recreation support facilities in accordance with approved Master Plan and Shoreline Erosion Letter Report. Work includes recreation facility relocation, consolidation and replacement with modernized, more efficient facilities and infrastructure that is safer to meet our growing customer demand.

Background and Need: Shoreline erosion continues to threaten the recreation facilities at Lake Shelbyville. Many Bo Wood campsites have twenty-foot vertical drop-offs directly behind them. Continued erosion is rendering these sites and other recreation facilities such as comfort stations, shower buildings and infrastructure unusable. These facilities are now 30-35 years old and are also deteriorating beyond service life. This is a popular, high occupancy (>70%), Class A campground. An improved O&M state will be achieved through reduced O&M costs and increased use/revenue that will occur following improvements. Recreation Initiative funding is requested to correct these lake recreation facility deficiencies and public safety issues.

Performance Measure Benefits: This work directly supports the FY06 Recreation Program Budget Objectives of:

- Providing effective and efficient recreation opportunities. (Increased use/revenue and reduced O&M costs)
- Provide continued outdoor recreation opportunities to meet the needs of present and future generations. (Customer satisfaction documented through surveys)
- Provide a safe and healthful outdoor recreation environment for Corps customers. (Improved Facility Condition Index)

If funded, this work will achieve measurable results such as:

- Replace facilities and services lost to shoreline erosion.
- Provide safe and efficient use of new relocated campsites and facilities in the Bo Wood area by the end of the FY05 recreation season.
- Construct relocated facilities to sustain the continued use of the existing Bo Wood camping area and satisfy the customer.
- These new campsites combined with the remaining sites not affected by shoreline erosion will increase revenues (Approx.50% - \$50,000) and visitation (Approx.50% - 60,000 visits) to the Bo Wood area and reduce annual O&M costs by approximately \$40,000 through consolidation/ installation of modern pre-fabricated facilities(comfort stations/showers),infrastructure(roads, water, sewer, electric)and streamlined services (Visitor Assistance, service contracts, fee collection and similar items).

Cost: It is estimated that the above work will cost \$750,000.00. All funds will be expended by the end of FY05 and will produce tangible long-term benefits.

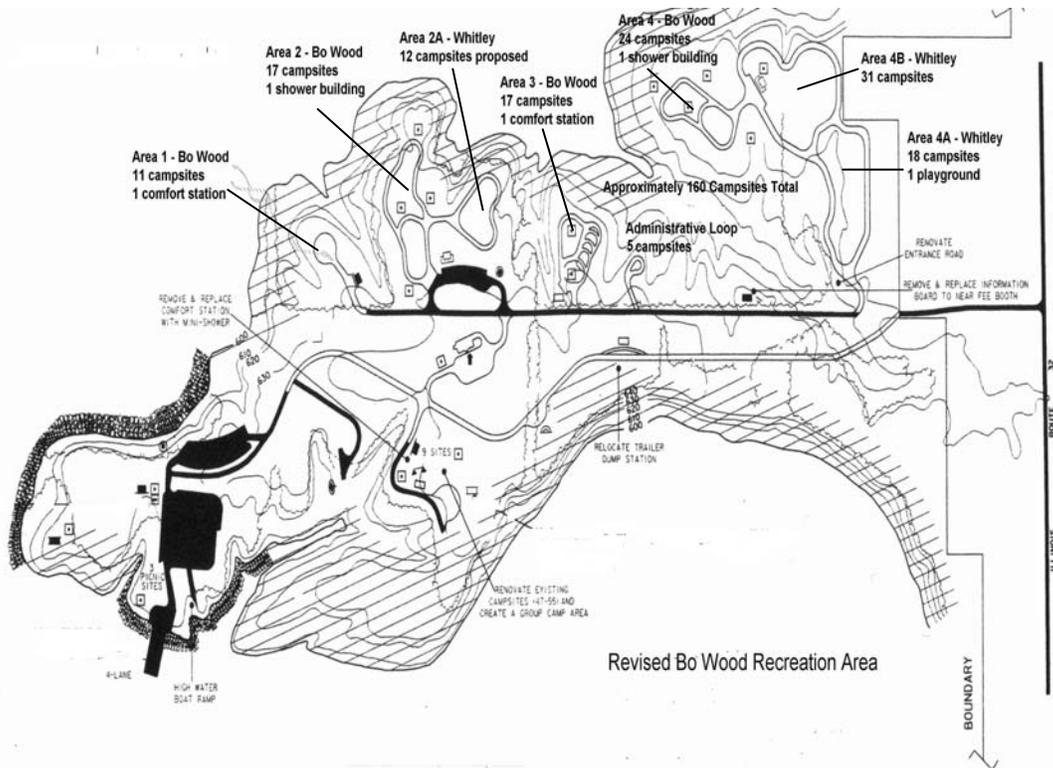
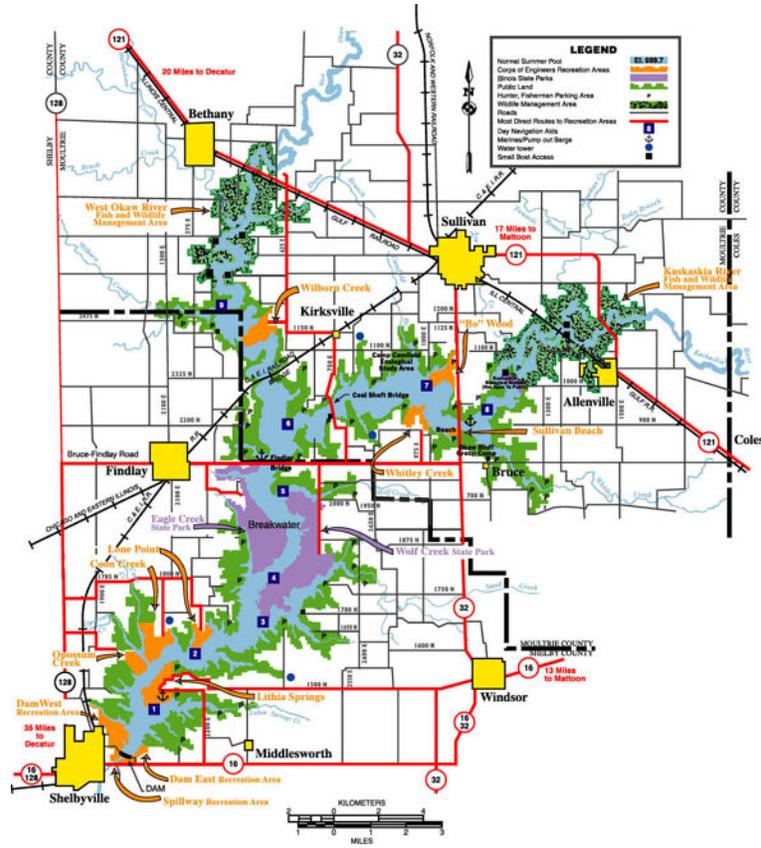
Future Phases/Benefits: The Class B campground in the Whitley Creek Recreation Area, approximately 7 miles southwest of Bo Wood , has always been an inefficient campground to manage. Whitley Creek Campground is now closed for a planned consolidation with Bo Wood. In keeping with all three of the above objectives, the campsites and support facilities in the Whitley Creek Campground (86 campsites) will be relocated to a designated expansion area (design is complete) at Bo Wood. This will create a single campground of approximately 160 campsites, which

has proven to be more efficient to operate and maintain than two campgrounds of less than 100 campsites each. It will also reduce the number of facilities while creating more modern/efficient facilities and infrastructure. This consolidation will accommodate customer demand, address public safety and accessibility concerns, increase user fees, visitation, revenues, and reduce O&M costs well below the current situation at Bo Wood and Whitley Creek. This consolidation is identified in the recently approved update to the Lake Shelbyville Master Plan (dated 29 July 2004).

Completion of the Bo Wood Recreation Initiative outlined in this proposal is planned in conjunction with the Whitley Creek/Bo Wood consolidation scheduled to take place as soon as funds are available. This consolidation will further improve the performance measures at this popular Recreation Area.

Photographs:





LAKE SHELBYVILLE FORREST W. “BO” WOOD RECREATION AREA

PROJECT MANAGEMENT PLAN



This document is a living Document, subject to change. It is updated annually to reflect the updated cost. It is not intended to be used for budgetary purposes or to set specific milestones. It is used to manage the goals and expectations of the project team.

May 2005

**PROJECT MANAGEMENT PLAN (PMP)
FOR THE
FORREST W. “BO” WOOD RECREATION AREA
LAKE SHELBYVILLE, ILLINOIS**

ST. LOUIS DISTRICT PROJECT REVIEW BOARD

I concur with this submittal of the **Lake Shelbyville Forrest W. “Bo” Wood Recreation Area** Project Management Plan (PMP) as the initial working document for use in the overall management of the Project. It is understood that this PMP is a “living” document that will be updated on a continuing basis.

Presented for approval by:

ANDREA L. LEWIS
Project Manager

JOSEPH P. KELLETT
Chairman, Project Review Board
Deputy district Engineer for Planning
Programs, and Project Management

TIM L. HILLER
Chief, Resource Management Office

PEGGY O’BRYAN
Chief, Construction -
Operations-Readiness Division

THOMAS R. HEWLETT
Chief, Real Estate Division

MELVIN W. BALDUS, P.E.
Chief, Engineering Division

BRENDA WYNNE-GEORGE
Chief, Contracting Division

WILLIAM P. LEVINS

District Counsel

PROJECT MANAGEMENT PLAN
FORREST W. "BO" WOOD RECREATION AREA

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1. GENERAL DESCRIPTION OF PROJECT

Shoreline erosion is impacting the Forrest W. “Bo” Wood Recreation Area. This plan will cover the redesign and construction of the entire recreation area. It includes the part of the recreation area that has already been protected through Phase I. The next phase includes the relocation of campsites that will be affected by erosion, renovation of sites that will remain, and the relocation of the entrance road. It will also include the consolidation of campsites from Whitley Creek, which will increase operational and maintenance efficiency and improve occupancy rates.

2. HISTORY

When Lake Shelbyville was created in 1970, little thought was given to the impacts of shoreline erosion on recreation areas. As time progressed, erosion began taking its toll on facilities around the lake.

The Final Letter Report, Lake Shelbyville Shoreline Erosion Management Plan, dated 29 January 1993, addressed facilities, including Bo Wood that are being affected by shoreline erosion. A detailed cost analysis indicated that protecting the shoreline around campsites in Bo Wood was too expensive. Moving the campground to the north side of the entrance road was the only feasible response. Phase 1 of shoreline protection has been completed with the protection of the boat ramp, picnic area and old dump site at the west end of the recreation area.

Funding issues have prevented the campground portion of this plan from being fully implemented. Campsites are being completed as funds become available. Lake Shelbyville was chosen as a partner in the FY05 Recreation Initiative and Partnership Demonstration Project. This work directly supports the FY06 Recreation program budget objectives of:

- Providing effective and efficient recreation opportunities. (Increased use/revenue and reduced O&M costs)
- Provide continued outdoor recreation opportunities to meet the needs of present and future generations. (Customer satisfaction documented through surveys)
- Provide a safe and healthful outdoor recreation environment of Corps customers. (Improved Facility Condition Index under RecBEST)

Once completed, this work will achieve measurable results such as:

- Replace facilities and services lost to shoreline erosion.
- Provide safe and efficient use of relocated campsites and facilities in the Bo Wood area by the beginning of the FY06 recreation season
- Construct relocated facilities to sustain the continued use of the existing Bo Wood camping area and satisfy the customer.

- These relocated campsites, combined with the remaining sites not affected by shoreline erosion, will increase revenues (Approximately 50% - \$50,000) and visitation (Approximately 50% - 60,000 visits) to the Bo Wood area and reduce annual O&M costs by approximately \$40,000 through consolidation/installation of modern pre-fabricated facilities, infrastructure and streamlined services.

Whitley Creek Recreation Area has several problems with the layout and design of the campground. The campsites are all non-electric. The area is also located in a stand of mature trees, which can become hazards if they are weakened by construction work from the installation of electric hookups. These problems contribute to the inefficiency of the campground. The Lake Shelbyville Master Plan, dated July 2004 and approved by the U.S. Army Engineer District Commander, St. Louis District on 29 July 2004, authorized the consolidation of the Whitley Creek Campground portion of the recreation area with Bo Wood campground. In 2004, the campground portion of Whitley Creek Recreation Area was closed in anticipation of the consolidation with Bo Wood and to expedite cost-savings. Consolidating the campsites will improve the operational efficiency and increase the occupancy rate, which will, in turn, increase revenues. This consolidation will also accommodate customer demand, address public safety and accessibility concerns, increase visitation and reduce O&M costs.

Shoreline erosion at Bo Wood is becoming so severe that some campsites have already been closed due to safety concerns. Each high water event means more of the bluff along the south side of the campground erodes into the lake.



3. PROJECT DELIVERY TEAM

The following Project Delivery Team is dedicated to completing the recreation area renovations in a timely manner:

<u>Name</u>	<u>Position</u>	<u>Office</u>	<u>Telephone</u>	<u>Fax</u>	<u>Email</u>
Andrea Lewis	Project Manager	CO-S	217-774-3951	217-774-2014	Andrea.L.Lewis@mvs02.usace.army.mil
Wes Gaffner	Civil Eng Tech	CO-S	217-774-3951	217-774-2014	Wesley.A.Gaffner@mvs02.usace.army.mil
Jim Hill	Outdoor Rec Planner	CO-T	314-331-8626	314-331-8738	James.M.Hill@mvs02.usace.army.mil
Mike Hamm	Civil Engineer	ED-DC	314-331-8255	314-331-8244	Michael.E.Hamm@mvs02.usace.army.mil
Darren Mulford	Engineer	ED-DC	314-331-8248	314-331-8244	Darren.K.Mulford@mvs02.usace.army.mil
Alan Brandt	Civil Engineer	CO-T	314-331-8593	314-331-8738	Alan.M.Brandt@mvs02.usace.army.mil
Sharon Cable	Budget Assistant	CO-S	217-774-3951	217-774-2014	Sharon.K.Cable@mvs02.usace.army.mil
Daryl Atchley	Architect	ED-DA	314-331-8223	314-331-8244	Daryl.N.Atchley@mvs02.usace.army.mil
Steve O'Connor	Engineer	ED-GE	314-331-8425	314-331-8244	Stephen.G.Oconnor@mvs02.usace.army.mil
Carol Kreutzer	Environmental Engineer	ED-DC	314-331-8335	314-331-8244	Carol.A.Kreutzer@mvs02.usace.army.mil
Mike King	Civil Engineer	ED-DC	314-331-8253	314-331-8244	Michael.A.King@mvs02.usace.army.mil
Steve Huskey	Accountant	RM-F	314-331-8091	314-331-8328	Steven.T.Huskey@mvs02.usace.army.mil
Arch Ringennburg	Contract Specialist	CT	314-331-8505	314-331-8746	Archie.C.Ringennburg@mvs02.usace.army.mil
Judy Stafford	Realty Specialist	RE-E	314-331-8181	314-331-8740	Judith.Stafford@mvs02.usace.army.mil
Steve Summers	Park Ranger	CO-S	217-774-3951	217-774-2014	Stephen.W.Summers@mvs02.usace.army.mil
Linda Werner	Procurement Assistant	CO-S	217-774-3951	217-774-2014	Linda.Werner@mvs02.usace.army.mil
Maria Shafer	Park Ranger	CO-S	217-774-3951	217-774-2014	Maria.T.Shafer@mvs02.usace.army.mil
Bob Burton	Park Ranger	CO-S	217-774-3951	217-774-2014	Robert.W.Burton@mvs02.usace.army.mil
Frank Niemerg	Co-Op Student	CO-S	217-774-3951	217-774-2014	Francis.H.Niemerg@mvs02.usace.army.mil
Cory Donnel	Park Ranger	CO-S	217-774-3951	217-774-2014	Cory.L.Donnel@mvs02.usace.army.mil
Larry Shafer	Maintenance	CO-S	217-774-3951	217-774-2014	

4. ENGINEERING AND DESIGN STANDARDS

ER-1110-1-400 Engineering and Design, Recreation Facility and Customer Services Standards will be used, where feasible, in the planning, design and construction of all replaced facilities. Exceptions to this policy are documented in Appendix A.

5. SCOPE OF WORK

The scope of work covers the design and construction of the relocated campground and entrance road to Forrest W. "Bo" Wood Recreation Area. The campground will include sites from Whitley Creek Recreation Area that are being consolidated with Bo Wood to increase efficiency of the campground. Every effort will be made to meet EM 1110-1-400, Engineering and Design Recreation Facility and Customer Services Standards dated 1 November 2005. It also includes the protection of a portion of the existing Bo Wood Recreation Area and renovation of approximately 30 existing campsites. The entrance road will be redesigned and relocated. The relocated campground will consist of five camping loops and an administrative loop. Four camping loops and the administrative loop will be relocated to the north side of the current road entering the recreation area. One loop will be located across the road from the main campground, utilizing an existing portion of the old campground. Camping loops will feature campsites with 50 amp electric hookups and some full hookup campsites, as well as accessible shower, laundry and restroom facilities. The entrance road will be raised to eliminate the forced closure of the entire recreation area if the lake level reaches 620.5 feet NGVD and rerouted to make room for the new campsites. Wastewater will be routed to the City of Sullivan, eliminating the need for the Corps to treat it.

Items completed or nearing completion:

- Interior roads to Areas 1, 2, 3, 4 and administration loop
- Installation of two comfort stations, one shower building, one shower/laundry building
- Sewer installation in Areas 3 and 4, including lift station
- Installation of playground
- Construction of campsites in Area 1 and Area 2
- Installation of main electrical components (other than electric to campsites)
- Waterline installation to buildings in Areas 1, 2, 3 and 4
- Amphitheater

Items to be accomplished are:

- Reroute main entrance to recreation area
- Complete 52 new campsites
- Renovate approximately 30 campsites in existing campground
- Complete sewer connections to Areas 1, 2 and full hookup sites
- Waterline installation to hydrants and full hookup sites in all areas
- Layout roads in section 2a, 4a, and 4b
- Protect portion of existing campground that will contain approximately 30 renovated sites
- Reroute road in existing campground to accommodate the renovated campsites

- Replace comfort station in existing portion of campground with a mini-shower/comfort station
- Remove two comfort stations and main shower building in existing portion of campground
- Construct fee booth and parking area at entrance to campground
- Move and upgrade trailer dump station
- Install new signage in recreation area
- Pave interior loops to campground
- Complete 88 campsites in Area 4 as part of the Whitley Creek relocation
- Remove abandoned campsites and reseed the area

6. ROLES AND RESPONSIBILITIES

The renovation of Bo Wood Recreation Area is a consolidated effort between offices at Lake Shelbyville and the District. The following are the roles and responsibilities for each portion of construction:

Work to be Done	Responsible Office
Roads and parking lots layout	ED and CO-S
Roads and parking lots construction	CO-S and CT
Utilities layout	ED and CO-S
Utilities installation	CO-S and CT
Campsite design, layout and construction	CO-S
Campsite renovation	CO-S
ENG 3013 – Addition and betterment for mini-shower	CO-S / RM / RE
Mini-shower purchase	CO-S and CT
Mini-shower installation	CO-S
Cost estimate for protection of existing portion of campground	ED
ENG 3013 – Fee booth	CO-S/RM/RE/CT
Fee booth design	CO-S and ED
Fee booth construction	CO-S and CT
ENG 3013 – Trailer dump Station	CO-S / RM / RE
Trailer dump station design	ED
Trailer dump station construction	CO-S and CT
Signage	CO-S
ENG 3013 – Disposal of comfort stations, main shower building, fee booth, old campsites and old trailer dump station	CO-S / RM / RE



7. SCHEDULE

The following schedule is a timetable for the completion of the Forrest W. “Bo” Wood Recreation Area:

FY 05 Work	Due Date
Sewer to Areas 1 & 2	30 September 05
Complete rock roads in areas 2a, 4a and 4b	30 September 05
Complete 52 campsites in Areas 1, 2, 2a, 3 and administrative loop	1 May 05
Purchase signs, hydrants, landscape timbers, sewer pipe for full hookup sites	30 September 05
Install hydrants and waterlines to full hookup sites	30 September 05*
Install signs in areas that will open	30 September 05*
ENG 3013 for new mini-shower, fee booth and trailer dump station	30 June 05*
Construct fee booth and parking area	30 September 05*
Construct trailer dump station	30 September 05*
ENG 3013 for disposal of two comfort stations, fee booth, trailer dump station, main shower building	30 June 05*
Dispose of one comfort station	30 September 05*
Purchase and install gates	30 September 05*
*Contingent upon FY 05 end of the year funds and/or FY 06 payback of Recreation Modernization Funds	

FY 06 Work	Due Date
No funds appropriated	

FY 07 Work	Due Date
Construct campsites, install waterlines and hydrants in Areas 4, 4a, 4b	30 September 07
Modify Bo Wood main lift station	30 September 07
Renovate approximately 30 sites in old campground (Area 5)	30 September 07
Construct new two-way road to serve Area 5	30 September 07
Riprap Area 5 sites	30 September 07
Install signs in areas that will open	30 March 07
Replace comfort station in Area 5 with mini-shower, includes site prep	30 September 07

FY 08 Work	Due Date
ENG 3013 for disposal of old campsites	31 January 08
Construct main entrance road	30 September 08
Raise interior road and construct turnaround	30 September 08
Pave interior loops	30 September 08
Remove old campsites	30 September 08
Remove fee booth, trailer dump station	30 September 08

8. BUDGET AND CONSTRUCTION COST ESTIMATES

Construction Costs To Date (thousands)

FY 01

Complete amphitheater	\$142.8
Complete protection around day use area and boat ramp	\$296.8
Complete parking lot in new area	<u>\$155.1</u>
Total Expended FY 01	\$594.7

FY 03

Site Clearing	\$2.0
Construct interior loops	\$111.0
Electrical – transformers, wire and distribution panels	\$80.0
Comfort stations	\$215.0
Materials – tables, grills, wood ties	\$88.0
Materials - water and sewer	\$26.0
Materials – rock (CA6, CA16, 3” minus)	\$43.0
Sewer connection to Sullivan	<u>\$448.0</u>
Total Expended FY 03	\$1,013.0



FY 04

Shower buildings	\$461.0
Site clearing	\$5.0
Waterline installation	\$9.0
Sewer line installation (Phase 1)	\$63.0
Sewer manholes	\$8.0
Concrete sidewalks	\$5.0
Playground	\$37.0
Campsite construction (Area 1 and partial Area 2)	\$26.0
Materials – rock, plastic ties, fill dirt, tables	<u>\$44.0</u>
Total Expended FY 04	\$658.0

Projected Costs To Complete The Recreation Area (thousands)

FY 05

Complete design of roads, parking lots and shoreline protection	\$33.0
Complete sewer line installation in areas 1 and 2	\$57.0
Complete rock road into Area 2a	\$11.5
Complete rock road into Areas 4a and 4b	\$23.8
Construct 52 campsites	\$300.0
Hydrants, landscape timbers, signs, sewer pipe for full hookup sites	\$134.0*
Install waterlines and hydrants in Areas 1, 2, 2a, 3 and administrative loop	\$16.0*
Install signs in areas that will open	\$3.7*
Construct fee booth and parking area	\$100.0*
Construct trailer dump station	\$60.0*
Remove comfort station	\$3.0*
Purchase and install gates	<u>\$8.0*</u>
Total Programmed to be Expended in FY 05	\$750.0*

***Contingent upon FY05 end of the year funds and/or FY06 payback of Recreation Modernization funds**

FY06

No Funds Appropriated

FY 07

Complete campsites in Areas 4, 4a, 4b, including hydrants and landscaping	\$366.0
Modify main Bo Wood lift station	\$60.0
Renovate approximately 30 sites in old campground (Area 5)	\$90.0
Construct new two-way road to serve Area 5	\$100.0
Place rock riprap in old campground to protect sites	\$100.0
Install signs in areas that will open	\$2.0
Replace comfort station with mini-shower, includes site prep	<u>\$120.0</u>
Total Programmed to be Expended in FY 07	\$838.0

FY08

Raise interior road and construct turnaround	\$75.0
Construct main entrance road	\$600.0
Pave interior loops	\$700.0
Remove old campsites	\$25.0
Remove shower building, fee booth, trailer dump station	<u>\$25.0</u>
Total Programmed to be Expended in FY 08	\$1,425.0

APPENDIX A

CEMVS-CO-S

11 MAY 2005

MEMORANDUM FOR: Lake Shelbyville

SUBJECT: Design Standard Exemption, Lake Shelbyville's Forrest "Bo" Wood Campground

1. Section 1.10 of EM 1110-1-400 authorizes the Chief of Operations to grant exemption from design standards for new or rehabilitated facilities in rare circumstances.
2. The consolidation of the Bo Wood and Whitley Creek campground necessitates the construction of approximately 170 campsites within the existing Bo Wood Recreation Area. Due to existing erosion limits and construction costs, the design criteria of a single point of entry to the campground is unfeasible.
3. The cost to protect the shoreline and rehabilitate approximately 30 existing campsites is estimated to be approximately \$290,000 and will result in one camping loop that can be accessed without going past the fee booth. The cost to relocate 30 campsites within the existing recreation area and redesign the entrance to allow one point of entry to all campground loops is estimated to be approximately \$400,000.
4. Request an exemption from the design criteria of a single point of entry to the campground.

ANDREA LEWIS
Operations Manager

CEMVS-CO

Approve

Disapprove

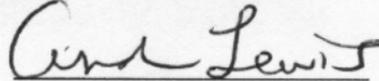

PEGGY O'BRYAN
Chief Construction-Operations Division

**PROJECT MANAGEMENT PLAN (PMP)
FOR THE
FORREST W. "BO" WOOD RECREATION AREA
LAKE SHELBYVILLE, ILLINOIS**

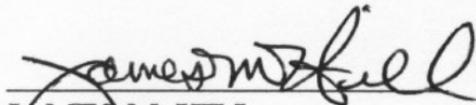
ST. LOUIS DISTRICT PROJECT

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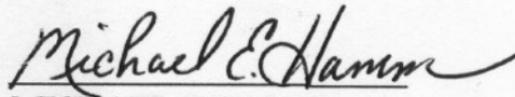
Presented for approval by:



ANDREA L. LEWIS
Project Manager



JAMES M. HILL
Outdoor Recreation Planner
Operations Technical and Policy Branch
Construction -
Operations-Readiness Division



MICHAEL E. HAMM
Civil Engineer
Design Branch
Civil Engineering Section
Engineering Division