



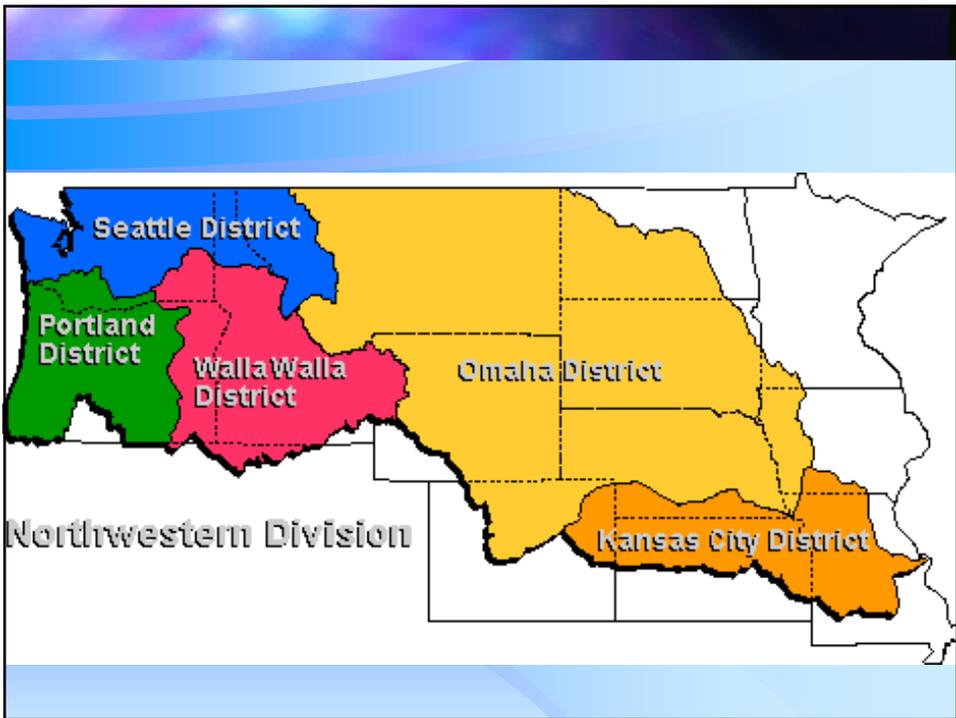
US Army Corps
of Engineers

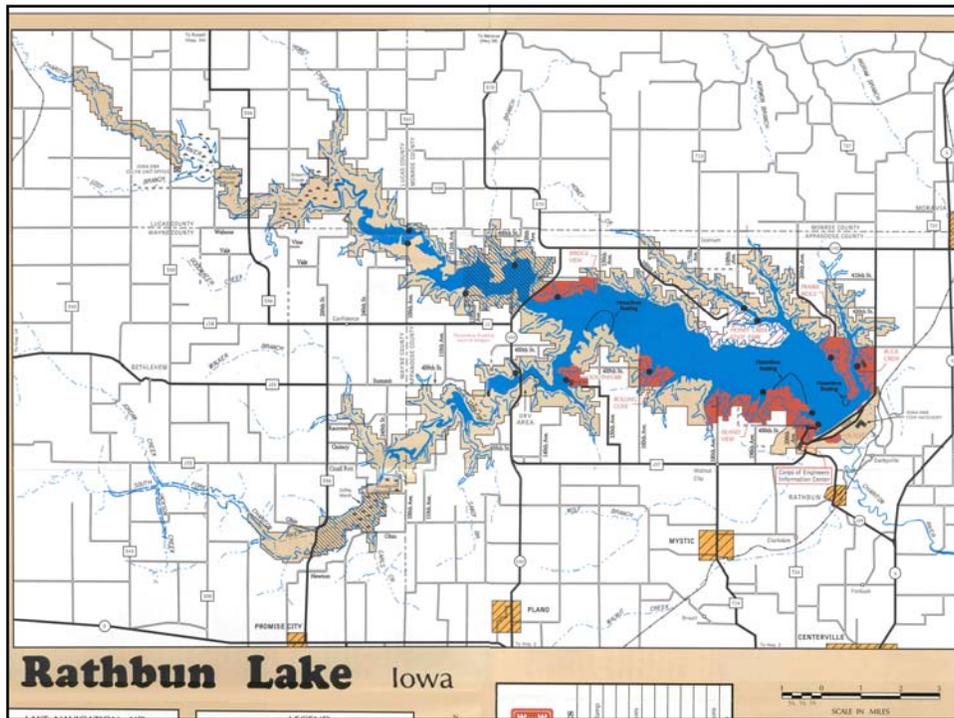
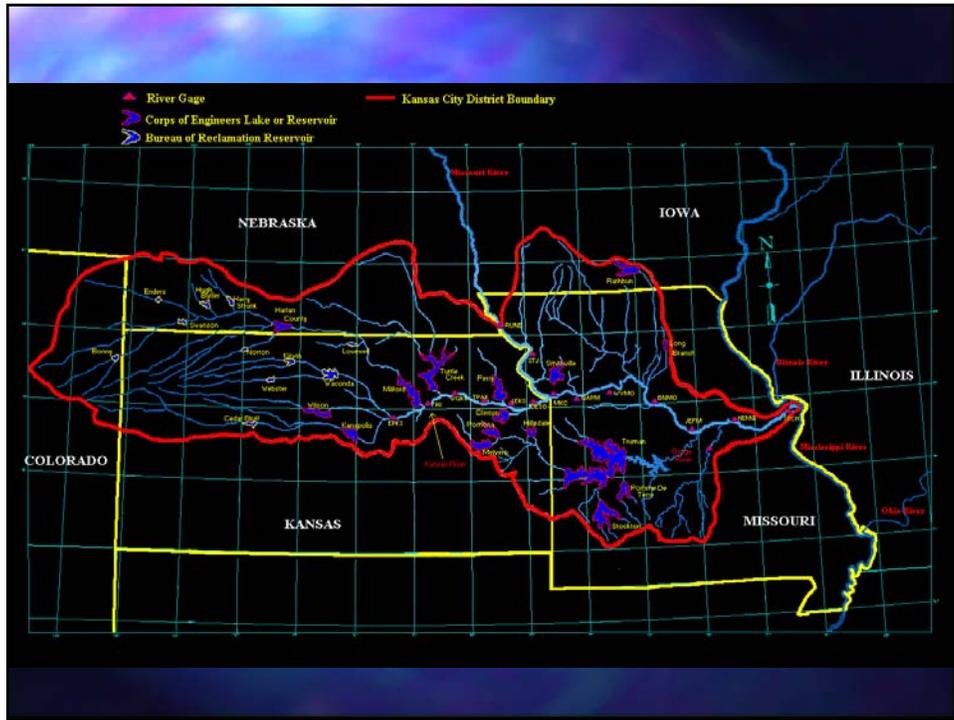
Rathbun Lake, Iowa



Many Partners Working with Lake Project

- Other Corps Resources
- Other Federal Agencies
- State
- Local Governments
- Private Businesses
- Tourism Groups
- Economic Development Groups
- Special Focus Groups
- Lake Association





Rathbun Lake

- Built 1965-1969
- Chariton River (Iowa and Missouri)
- 560 Square Miles in Drainage Basin
- 55 Square Miles of Public Land and Water
- 155 Miles of Shoreline
- 8 Parks, 2 Marinas





Purposes of Rathbun Lake

- Flood Damage Reduction
- Recreation
- Fish and Wildlife Management
- Downstream Water Quality Improvement
- Navigation Flow Supplementation
- Water Supply

Partnership Demonstration Program

- Recreation Modernization Marketing
- Honey Creek Resort Park Partnership
- Rathbun Lighthouse Visitors Center
- Multiuse Trails Initiative
- Rathbun Dam Road Resurfacing/Guard Rail Replacement

Rathbun Lake Lighthouse Visitors Center



- Rathbun Lighthouse Society
- Partnership with RRWA
- Close Coordination with Congress
- Introduced Bills in US Congress 2002, 2003, 2004
- WRDA 2005?

Rathbun Regional Water Association

- Largest Rural Water District in U.S.
- Requesting More Water Supply Storage from Corps



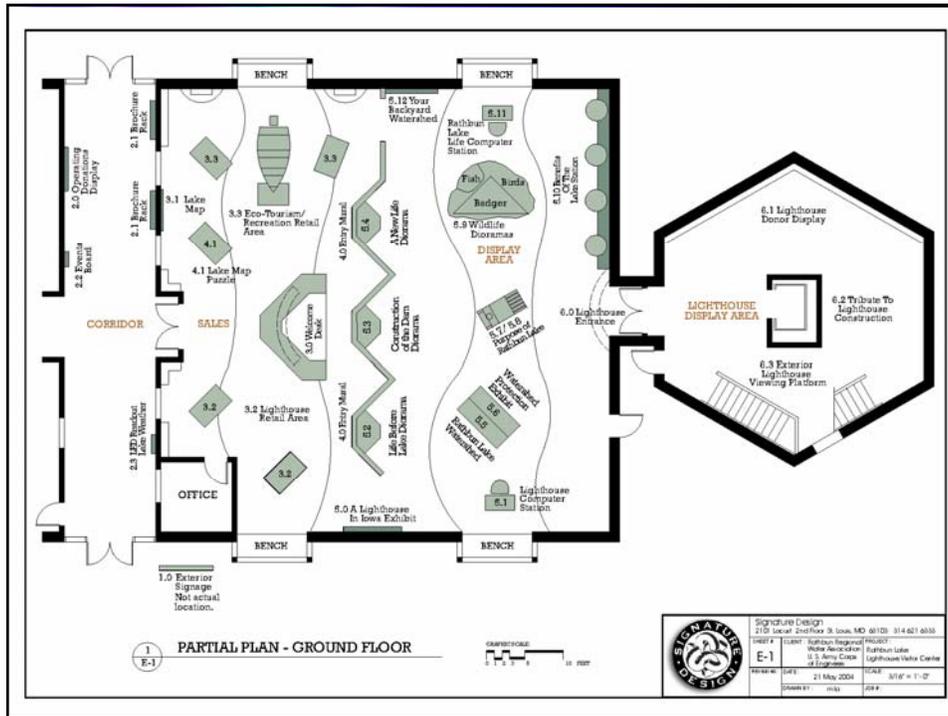
Water Supply/Visitors Center Trade

- Rathbun Regional Water Association
 - Invest value of water (\$1.9 Mil) in VC project
 - Operate the Visitors Center
 - Pay traditional annual O & M costs of water
- Corps of Engineers
 - Transfer 8,000 acre feet of water supply to RRWA
 - Lease site for Visitors Center to RRWA
 - Partner on exhibits

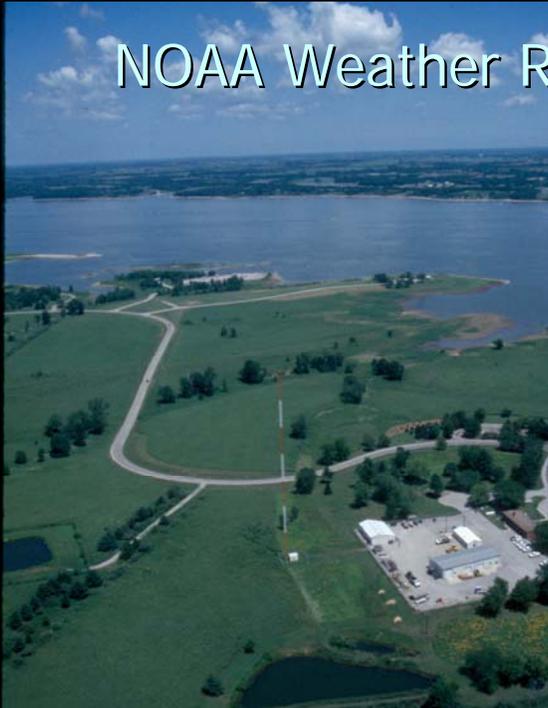
Handshake Challenge Partnership Grant

- Lighthouse Visitors Center Exhibits
 - Corps providing
 - Concept Design
 - *Preliminary Design
 - Final Design
 - Develop Exhibits
 - Sponsor
 - Visitors Center
 - Lighthouse
 - Develop Exhibits





NOAA Weather Radio Station



- Partnership-
 - National Weather Service
 - Corps of Engineers
 - Iowa Emergency Management
- Storm transmitter with local warning alert
- Serves 6 counties in southern IA, 2 MO
- WXN-91 162.425

NWS Computer



Corps of Engineers Generator



Corps of Engineers
Radio Tower

Continuing Authorities Program (CAP)

- 1135 (WRDA '86)- Ecosystem Restoration
 - 75 % Federal Funds
 - 25% Sponsor
- 206 (WRDA '96)- Aquatic Ecosystem Restoration
 - 65% Federal Funds
 - 35% Sponsor



Section 1135 Southfork Wetland Restoration

- Cost Share Sponsor-Iowa DNR
- Three Separate Wetland Cells
- 250 Acres of Wetland/Riparian Habitat
- \$954k

Greenville Wetland

Section 1135



- 170 ac. restored wetland/riparian upland timber
- In-road Structure
- Sponsor– Lucas County Roads
- Other partners: Pheasants Forever, SIDCA, Chariton Valley, etc.
- Construction FY 05-06
- \$372k

Sect. 206 Program

Upper Chariton/Rathbun Watershed Project



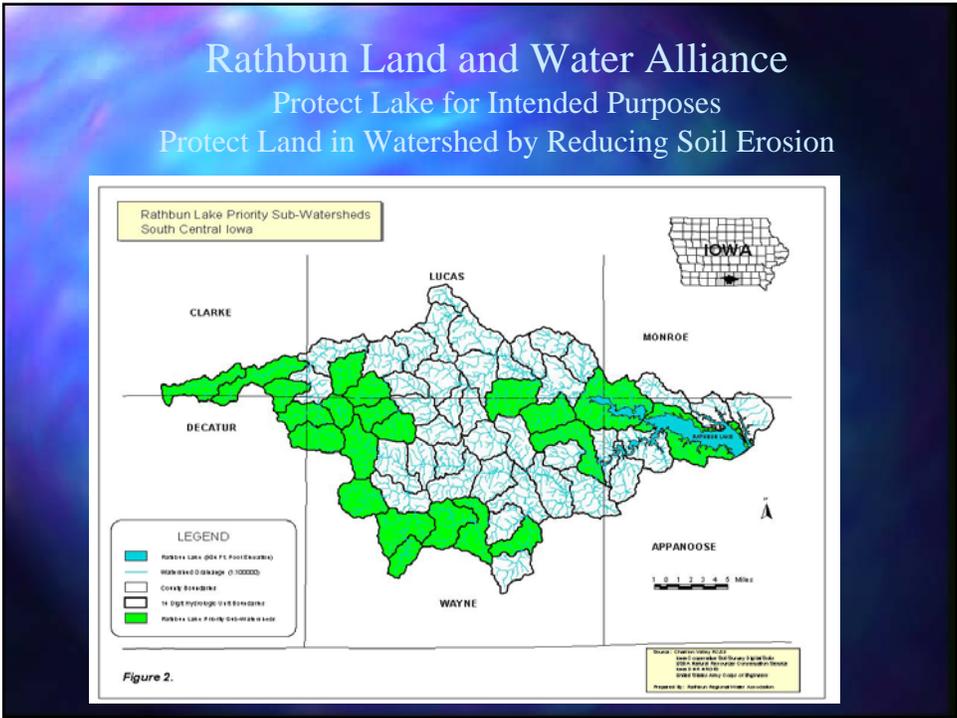
- Aquatic Ecosystem Restoration
- Improve Rathbun Water Quality
- Reduce Shoreline Erosion
- Reduce Inflow Sedimentation, non-point source pollution
- Develop 150 Wetlands/Ponds
- Develop Riparian Habitat
- 10 County Sponsor (SIDCA)
- Strong Land Owner Support
- Potential \$7 Million Project



Rathbun Land & Water Alliance

*A Cooperative Approach to Protecting and Enhancing Land
and Water Resources in South Central Iowa*

- Corps of Engineers
- 6 Soil and Water Districts
- USGS
- Iowa Dept. of Ag
- NRCS
- Farm Bureau
- Iowa DNR
- Economic Development Corp.
- Iowa State Univ.
- Cities
- R C and D (USDA)
- Rathbun Regional Water Association



Section 206 Upper Chariton/Rathbun Lake Project

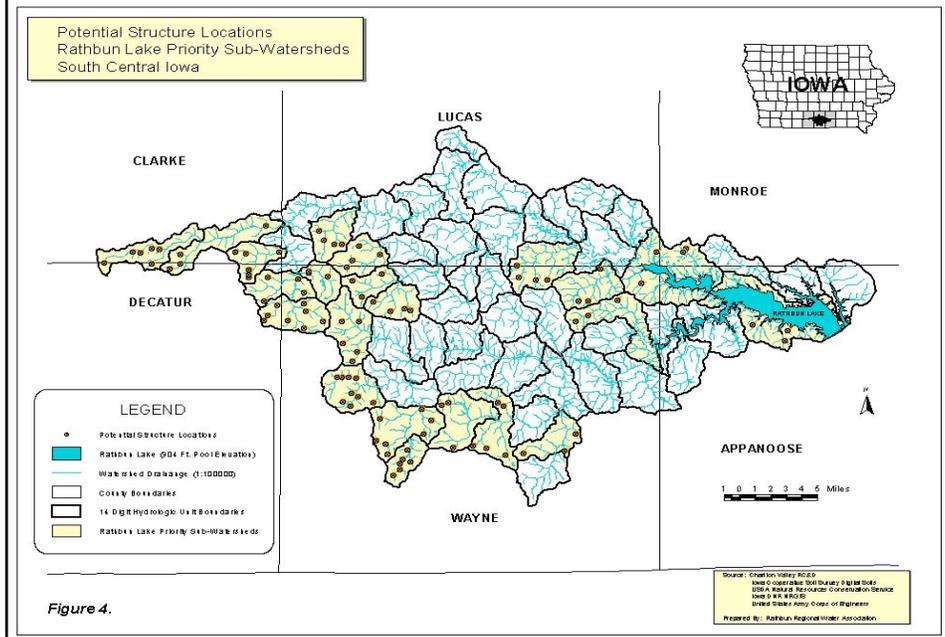


Figure 4.



Shoreline Restoration

Direct Project Partnering

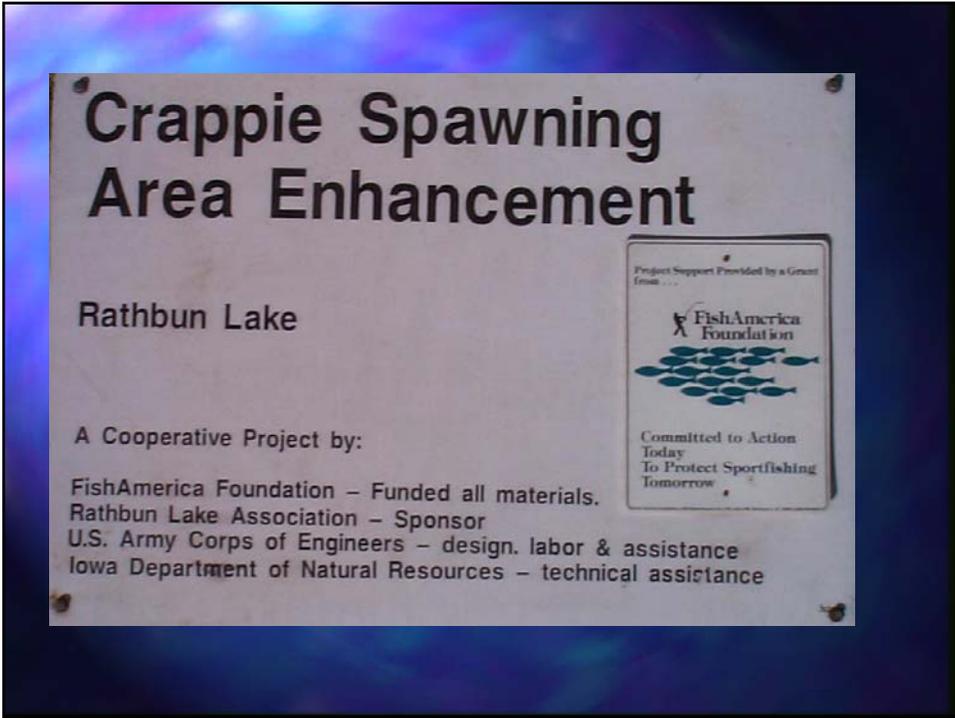
1135 Project

206 Component



Direct Project Partnering

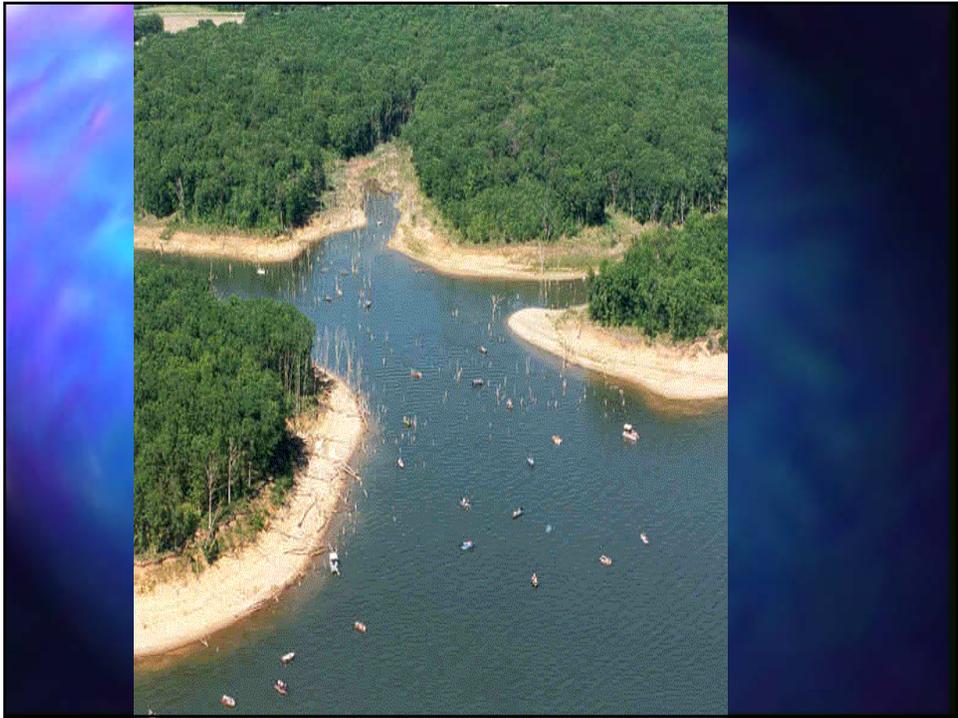
- FishAmerica Foundation (\$25k)
- Rathbun Regional Water Association (\$30)
- Iowa Department of Natural Resources- \$50k
- State Revolving Fund





State Revolving Fund

- Drinking Water or Waste Water Systems
- Entity paying interest can defer the interest to a Water Quality Improvement Project
- 20 year loan, currently 3% rate
- Applied to Shoreline Restoration
- \$300,000 loan generates \$100,000 project



Recreation Modernization 2005

- Corps/OMB Demonstration
- Existing Authority and Funding (HQ)
- Six Corps Lakes Nationwide
 - Lake Texoma, Texas
 - Lake Shelbyville, Illinois
 - W. Kerr Scott Lake, North Carolina
 - Beaver Lake, Arkansas
 - Rathbun Lake, Iowa
 - Lake Cumberland, Kentucky
- Intent- Modernize Facilities to Increase Revenues to the Corps
- Invest \$500,000- \$750,000 per Lake

Rathbun Lake Recreation Modernization

Repair

- Enlarge 250 Camp Sites
- Replace 71 Electrical Pedestals with 50 amp

NEW

- 137 Electrical Pedestals (50 amp)
- Camping Loop- 22 Full Hookup Sites
- 26 Water/Sewer Hookups Added to Sites
- 2 Sanitary Trailer Stations (6 lanes)
- 12 Tent Camping Sites
- 2 Beach Rinse Stations

Regional Water Association



**Rural Electric
Cooperative**





Summer Splash



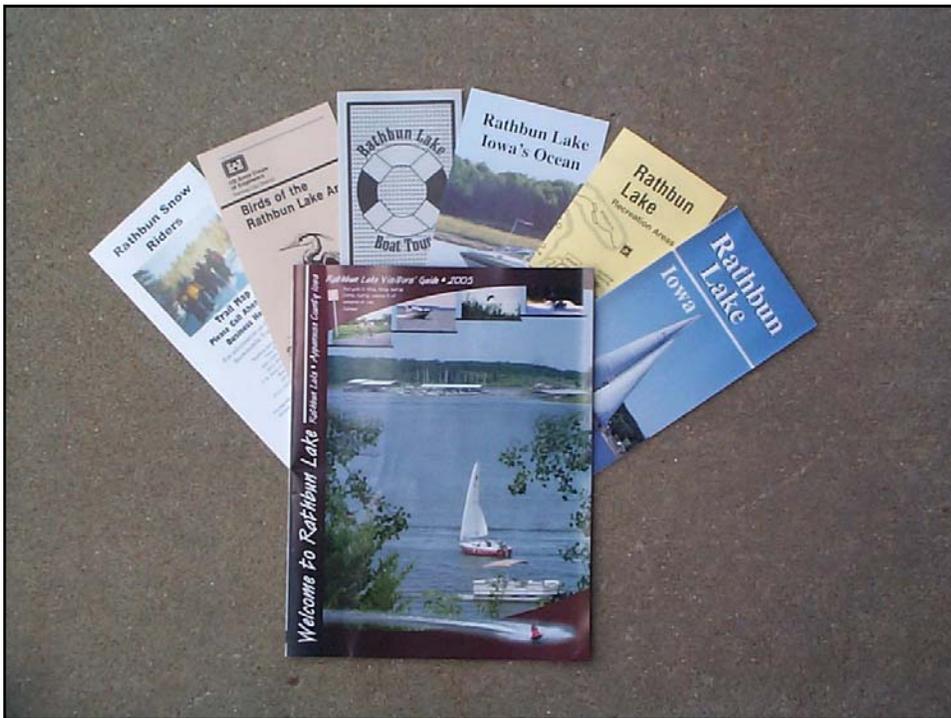
Hydroplane Races, Boat Regatta, Ski Show
Concerts
Boat/RV Show
Radio Controlled Planes
Softball & Volleyball Tournament



Fund Raiser- Raffle 1,000 tickets @ \$25 each

Purchase Boat for \$17,000

Gross ticket sales \$25,000



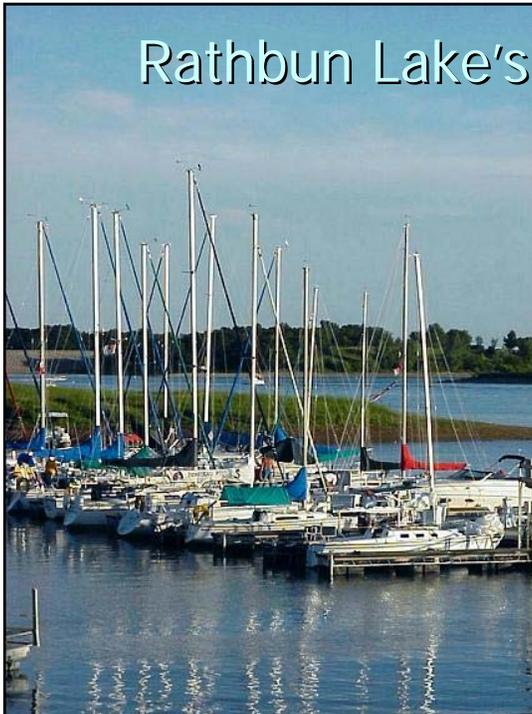
Southern Iowa Regional Internet Service

High-speed Rural Internet



Rathbun Lake's Marinas

- 2 Marinas
 - South Fork
 - Buck Creek
- Boat Rentals
- Slip Rentals
- Camping
- Motel
- Restaurant
- Store
- Yacht Club





Rathbun Yacht Club

- Sublease Land from Marina
- Membership Open to Public
- Building Reverts to Marina Owner
- Membership Built Clubhouse



Partnership to Improve Government Infrastructure at Marina



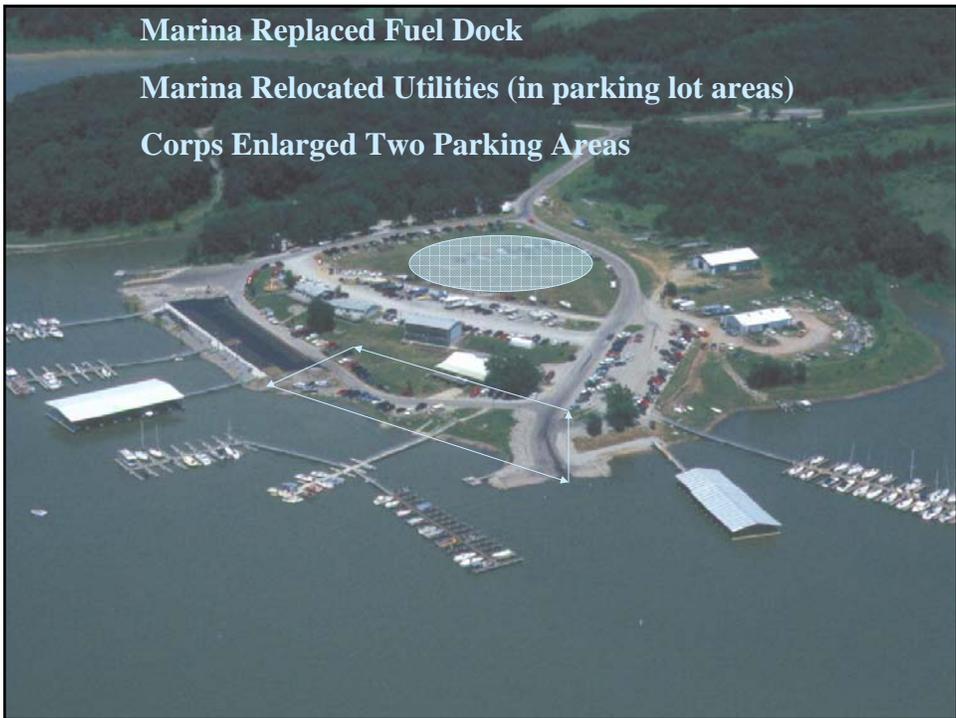
- Private Individual \$20,000
 - Slip Renters \$18,000
 - Marina Owner \$17,000
 - Corps \$16,000
 - Vendor Donations \$ 9,000
- Total Project \$80,000



Parking Lot Improvement Project

- New Sidewalk, Lighting and Railing
- Enlarged and Surfaced Parking Area
- Improved Dock Walkway Accesses







Honey Creek Resort State Park

■ Partnership

- Governor's Office
- Iowa Department of Natural Resources
- Indian Hills Community College
- US Army Corps of Engineers
- Rathbun Regional Water Association
- Chariton Valley Electric Cooperative
- Appanoose County
- Local Steering Committee

Resort Park Proposed Facilities



Resort State Park

- Master Plan
- Biological Review
- Cultural Resources Review
- Master Plan (Final)
- Marketing Study
- Private Partner Solicitation
- Revenue Bonding Authority
- Federal Funding Requested for Infrastructure Through Corps of Engineers**



Archeological Survey



State Land

Phase I

Phase II

Corps Land

Phase I

Phase II

Biological Survey

Four Season Survey

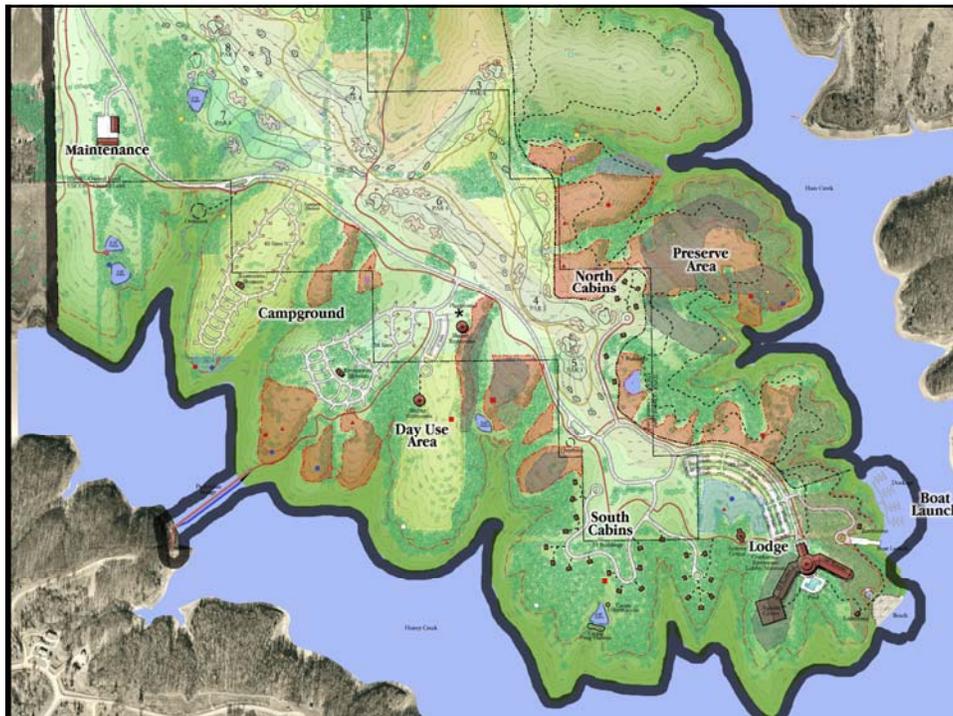
- 434 Plant species
- 96 Bird species
- 64 Butterfly species
- 16 Mammals species
- 7 Frog species
- 6 Snake species
- 2 Turtle species
- 1 Salamander species
- 1 Slender Glass Lizard

Resort Park Facilities

- 108 Room Lodge
- 37 Cabins
- Conference Center
- Indoor Aquatic Center
- Outdoor Pool
- 18-Hole Links-style Golf Course

Resort Park Facilities

- PRESERVE AREAS
- Multiuse trails
- Pedestrian bridge
- Regional trail
- Campsites/full hookups
- Maintenance complex
- Boat ramp
- Swimming beach
- Picnic shelters





Natural Resources Management Gateway
to the future

Partnerships

In managing recreation...the bottom line: partnering is smart business

<ul style="list-style-type: none"> New - 2005 Handshake Program Policy & Procedures Program Summary How To Training Frequently Asked Questions References Partnership CD Project Delivery Team 	<ul style="list-style-type: none"> NRM Partnerships National Partners Partners in Action Watershed Management Stakeholders Good Enough to Share Lessons Learned News / Current Issues Division & District POC's
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Types of Partnerships:

- [Challenge Partnerships Program](#)
- [Contributions Program](#)
- [Cooperating Associations Program](#)
- [Volunteer Program](#)

