

Final Project Report

Financial Accountability

Summary: Watershed Improvement Funds			
Grant Agreement Budget Line Item	Total Funds Approved (\$)	Total Funds Expended (\$)	Available Funds (\$)
Shoreline Stabilization	62,100	57,802	4,298
Information/Education	1,440	0	1,440
Project Administration	720	0	720
Totals	64,260	57,802	6,458
Unspent Funds*			6,458

*The final construction costs came under the project estimate and bid costs. Information/education and project administration tasks were completed by the Johnson County SWCD's Environmental Specialist employed by the Iowa Department of Agriculture and Land Stewardship's Division of Soil Conservation (IDALS-DSC).

Total Project Funding

Funding Source	Cash		In-Kind Contributions		Total	
	Approved Application Budget (\$)	Actual (\$)	Approved Application Budget (\$)	Actual (\$)	Approved Application Budget (\$)	Actual (\$)
WIRB	64,260.00	57,802.00	0.00	0.00	64,260.00	57,802.00
Johnson Co Secondary Roads Dept	0.00	0.00	10,650.00	15,890.35	10,650.00	15,890.35
Johnson Co Secondary Roads Dept	34,400.00	31,856.63	0.00	0.00	34,400.00	31,856.63
Iowa Dept of Natural Resources (IDNR)	10,000.00	10,000.00	0.00	0.00	10,000.00	10,000.00
Cottage Reserve Subdivision	0.00	0.00	500.00	0.00	500.00	0.00
Johnson SWCD	0.00	0.00	500.00	125.69	500.00	125.69
IDALS-DSC Project Admin	0.00	0.00	0.00	780.00	0.00	780.00
IDALS-DSC Info/Education	0.00	0.00	0.00	780.00	0.00	780.00
Totals	108,660.00	99,658.63	11,650.00	17,576.04	120,310.00	117,234.67

WIRB contribution:

The Johnson County SWCD was approved to supply 53.4% WIRB funding towards the project. The actual WIRB contribution was 49.3%.

Environmental Accountability

Summary: Practices and Activities

Practice or Activity	Unit	Approved Application Goal	Accomplishments	Percent Completion
Shoreline stabilization	Ft	1400	1400	100%
News releases	No.	4	4	100%
Kick-off event	No.	1	0	0% (combined w/tour)
Post completion tour	No.	1	1	100%

The environmental goals stated in the application were attained. 1400 feet of shoreline along Lake Macbride State Park was stabilized. Stabilization efforts resulted in the reduction of 257 tons of sediment from being delivered to Lake Macbride every year. The native plantings will also provide future wildlife habitat.

Program Accountability

The purpose of this project was to stabilize 1400 feet of severely eroding shoreline adjacent to Lake Macbride along Cottage Reserve Road. Addressing the shoreline along Cottage Reserve Road was one of the last remaining priority areas that were identified by the comprehensive watershed assessment completed in 2003.

In 2001, twelve miles of Lake Macbride shoreline was stabilized and financed by the IDNR’s application through the Marine Fuel Tax and Fish and Wildlife Trust. With the exception of a few hard to reach areas of which the DNR will correct in the near future, this area was the only stretch of eroding shoreline adjacent to Lake Macbride that had not been stabilized.

Due to lack of funds and significant jurisdictional challenges, this stretch of 1400’ had not been stabilized. There was considerable disagreement about whether the County or IDNR had *legal jurisdiction of the road*. The lack of agreement over jurisdiction presented a significant challenge in reducing the daily delivery of sediment to the lake. Without the WIRB grant to provide matching funding and facilitation by the IDALS-DSC and Johnson County SWCD, this area would still be eroding. Continued consultations with project partners and numerous attorneys including the Iowa Attorney General’s office was instrumental in the completion of this project. Also, the involvement of the Cottage Reserve Subdivision was essential in order to demonstrate the political will for this project.

The Johnson County Secondary Roads Department completed project designs and permits, let the project for bid, facilitated the development of the 28E agreement, supervised project construction, and provided funding. The Iowa Department of Natural Resources informed neighbors and lake users about the project, lowered water levels prior to construction, assisted with project surveying, and provided funding. In terms of in-kind contributions, the Cottage Reserve Subdivision was actively involved in many aspects of the project. The residents held and attended neighborhood and Board of Supervisor

meetings as well as met with representatives from the Johnson County Secondary Roads Department and the IDNR. They also were active in planning the post-construction tour. Fifteen people including two Board of Supervisors attended the post-construction tour.

Helpful tips to other projects: The 28E agreement between the Johnson County Secondary Roads, Johnson County Soil and Water Conservation District, and the Iowa Department of Natural Resources was essential. This document outlined the responsibilities of each of the partners.

Project Photos:

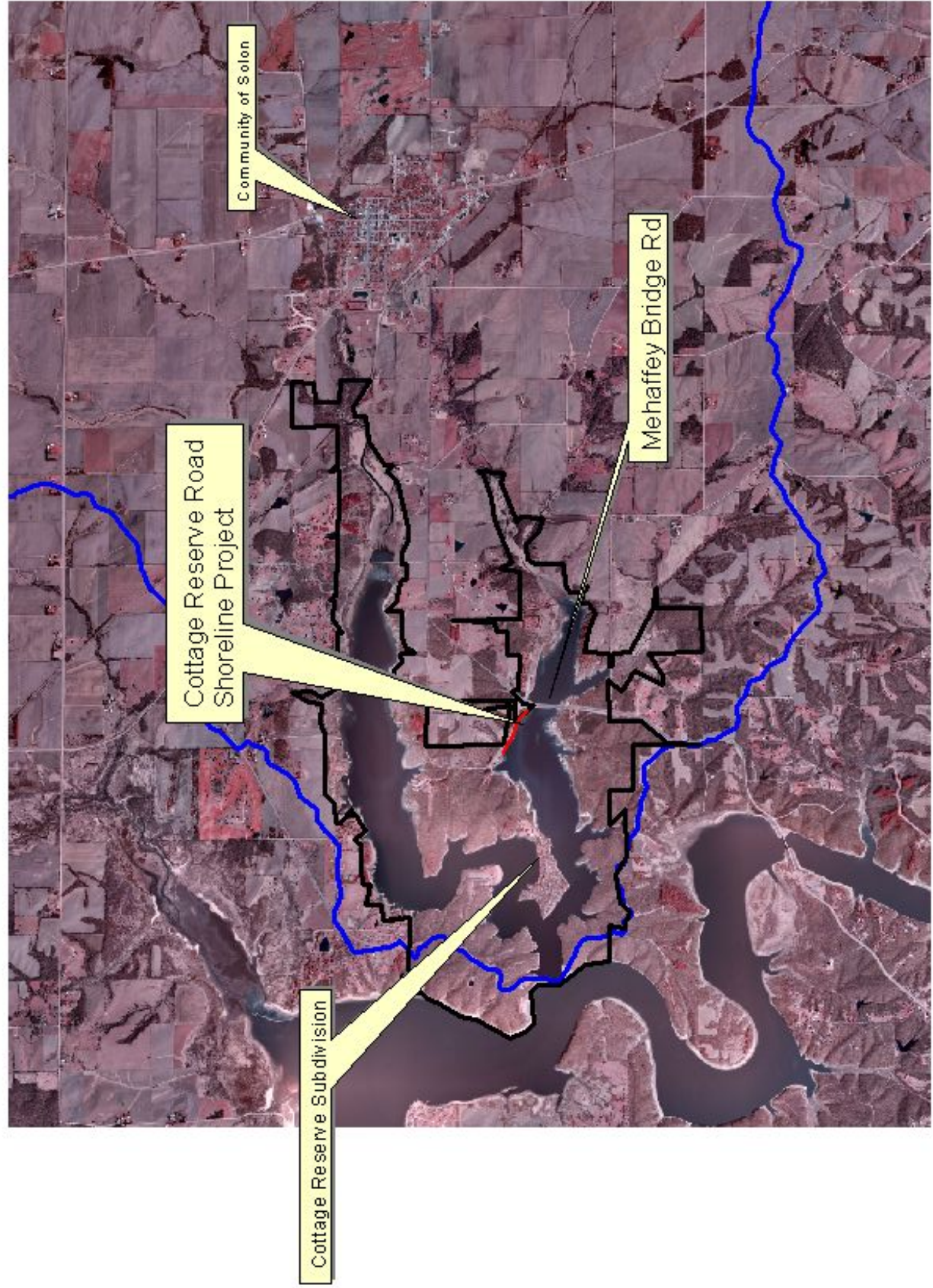


Before Photo



Project Nearing Completion

Lake Macbride Watershed Shoreline Stabilization Project Site Location Map



0.9 0 0.9 1.8 Miles

Cottage Reserve Rd Shoreline
Lake Macbride State Park Boundary
Lake Macbride Watershed Boundary