

**Contract No. 003-036**  
**"Graner Park Bank Stabilization"**  
 Submitted by Morton County Parks  
 Principal Investigator: Timothy Nilsen  
 Directives: D, A, B & C

**PARTICIPANTS**

<b>Sponsor</b>	<b>Cost Share</b>	
Morton County Parks	<u>\$ 62,550</u>	
Subtotal Cash Cost Share		\$62,550
North Dakota Industrial Commission	<u>\$187,650</u>	
Total Project Cost		\$250,200

Project Schedule – 14 months	Project Deliverables:
Contract Date – 11/26/2014	Status Report: April 1, 2015 ✓
Start Date –	Status Report: August 1, 2015 ✓
Completion Date – 11/30/2015	Final Report: November 30, 2015 ✓

**OBJECTIVE/STATEMENT OF WORK:**

The purpose of this project is bank stabilization at Graner Park, which includes:

- Re-shaping of 1,175 feet of Missouri River bank at a 2:1 slope,
- Installation of engineered geotextile fabric, and
- Placement of rip-rap to prevent further erosion.

**STATUS:**

Contract has been executed.

May 5, 2015 - Status report - Permit from U.S. Army Corps of Engineers has been received. Waiting for permit from the North Dakota State Water Commission Engineer for a sovereign lands permit.

May 22, 2015 - Status report - All permits have now been received and they are proceeding with the bidding process. Still anticipate being able to complete the project on time.

July 27, 2015 - Status report - Morton County Parks has advertised for bids. We held a bid opening on June 17 and awarded the contract. We have the contract in place with a pre-construction meeting within the next two weeks. We expect to have the project completed prior to the due date (November 30) of the Final Report.

November 20, 2015 - Final Report - Graner Park Bank Stabilization project has been completed. We cleared 1,175 lineal feet of river bank, which included the removal of trees, stumps, and brush. This material was hauled to an offsite location for proper disposal. The river bank was then excavated and reshaped to a 2:1 slope. The excavated material, which measured 6,300 cubic yards was hauled offsite to nearby severely eroded trails. The slope was covered with 3,400 square yards of Geotextile Fabric which was tucked and anchored at the toe and top of slope, which in turn was covered by 2,903 tons of 12" - 24" rock. The project site has been leveled and grass seed has been planted.

The usage of the newly stabilized river bank has not seen its full potential due to the time frame of the project. Missouri River levels have been low and the fish have not been biting. The limited numbers of anglers I have spoken to are extremely pleased with this new access to fishing. The stabilized area will now protect adjacent camping spots and allow an excellent protected area for the high demand of shore fishing.

This project has stabilized the bank of the Missouri River at Graner Park. Stabilization of this riverbank will allow continued use of Graner Park and greatly minimize effects of erosion for many years to come. The stabilized bank will now allow for enhanced fishing access on the river, protection of large investments in campground infrastructure, and a much safer environment for the recreating public. The materials excavated from the bank were used to fill severely washed out trails from the flood of 2011. This will enhance access to the Missouri River for primitive camping, fishing and hunting.

Graner Park is located in Region Seven of the State Comprehensive Outdoor Recreation Plan. Some of the primary needs of the plan are creating and improving existing campgrounds, playgrounds, picnic areas and open spaces. This project has accomplished the purpose in which it was designed by stabilizing the bank of the Missouri River. Stabilizing the river bank will protect the Park from the massive erosion problems of the past. The protection of this Park will allow for continued recreational opportunities for many generations. These reasons make the value of this project enormous to the citizens of Region Seven who enjoy recreating the Missouri River.

Before and After photos are available on the website with the final report.

The total costs for this project were \$227,795.76. 75% of that cost is \$170,846.82. The applicant is returning the remaining commitment on this project in the amount of \$16,803.18

This contract is now closed.