

**Contract No. 004-064**  
**"Stump Lake Park Bank Restoration"**  
 Submitted by Nelson County Park Board  
 Principal Investigators: W.J. "Jack" Davidson/Sheila Fisk  
 Directives A, C & D

**PARTICIPANTS**

<b>Sponsor</b>	<b>Cost Share</b>	
Nelson County Park Board	<u>\$157,638</u>	
Subtotal In-Kind Cost Share		\$157,638
North Dakota Industrial Commission	<u>\$472,912</u>	
Subtotal Outdoor Heritage Fund dollars		<u>\$472,912</u>
Total Project Cost		\$630,550

Project Schedule – 4 months  
 Contract Date – 4/30/2015  
 Start Date – 6/4/2015  
 Completion Date – 8/31/2016\*

Project Deliverables:  
 Status Report: June 15, 2015 ✓  
 Status Report: September 15, 2015 ✓  
 Status Report: \* December 31, 2015 ✓  
 Status Report: June 10, 2016 ✓  
 Final Report: August 31, 2016\* ✓

**OBJECTIVE/STATEMENT OF WORK:**

The purpose of this project is bank stabilization along Stump Lake, due to severe erosion caused by large wave action from across Stump Lake. The project includes sloping and rip-rapping 200 feet on the north bank and 1,800 feet on the south bank at a 3: 1 slope, to prevent further erosion from threatening the Stump Lake Park's amenities.

**STATUS:**

The Commission approved funding with the condition that the applicant must provide signage onsite recognizing the Outdoor Heritage Fund's contribution to the project. Contract has been provided.

6/4/2015 - Contract has been executed.

6/15/2015 - Status report has been received. The Stump Lake Park Bank Restoration project is waiting for permits from the State Water Commission and the US Army Corps of Engineers. The engineer has submitted the applications and nothing can be done until they are approved. After approval, the Park Board will go through the bidding process and choose a contractor. The Park Board doesn't know when work can begin. It could possibly be as late as next spring.

9/14/2015 - Status report has been received. The Park Board is waiting for the permit from the State Water Commission for the Stump Lake Park Bank Restoration project. It has been approved and it is supposed to be in the mail. The Army Corps of Engineers has already approved their permit and sent it to us. The Park Board is hoping to meet with the engineer next week to finalize plans and to advertise for bids. A bidding date has not been set yet.

12/14/2015 - Status report has been received. It states: The Nelson County Park Board accepted a joint bid from Gleason Construction and NCZ Express on November 17, 2015, for the Stump Lake Park Bank Stabilization project. Their bid was the lowest of 11 bids. Their bid of \$350,662.21 was much lower than

the engineer's estimate of \$630,550.00. Therefore we will not be able to use the entire grant that was awarded to us. There may, of course, be change orders that would change the final project total.

On November 25, 2015, a preconstruction meet was held with the contractors, engineer and a Park Board member. The details of the project were discussed and work began on November 30, 2015. The weather cooperated and the contractor removed all of the dead trees from the water along the shore. He also was able to haul some of the fill material and stockpile it in the park for next spring.

With the recent snow, there is no longer any work being done along the shore. The contractor will continue to stockpile fill materials and rocks in the park this winter as weather allows. The State Water Commission permit states that no materials can be placed in the water between April 15 and June 1, 2016, because the fish are spawning. After June 1, the contractor will place fill material, fabric, and rocks along the shoreline of the lake. The deadline for the project is August 27, 2016.

A draft amendment to the contract has been prepared and forwarded to the applicant. The amendment grants a no-cost extension to August 31, 2016.

The amendment to the contract has been fully executed. A no-cost extension has been granted.

**3-18-2016** - A payment request was submitted. In that request they stated: The Stump Lake Park Board Stabilization Project has seen significant progress this fall and winter. The weather cooperated this fall so that all of the dead trees in the water and along the shore have been removed. The contractor has stockpiled rock and fill material and is ready to put it in place this summer. No material can be placed in the water until June 1, 2016 because the fish are spawning. The expected completion date is August, 2016.

**6-10-2016** - The Stump Lake Park Bank Stabilization project is moving forward now that the June 1 restriction has lifted because the fish spawning season has ended. They have started laying the dirt as the foundation before the rock goes in. Production has slowed at times because of rain. As soon as the dirt is laid, the rock can be put down.

**6-19-2017** - The final report has been received. It states in part: The Bank Stabilization is finished and has been very successful. It stabilized the shoreline from further erosion. With the water level currently higher than when the project started, the project could have been much more difficult if it had been started at a later date. The baseball/softball field that was used to store materials for the project has been restored back to its original state before the project started and the beach has been saved.

The project involved sloping and rip-rapping 200 feet on the north bank and 1,800 feet on the south bank of the lake. It has stabilized the slope by reshaping the shoreline to remove the vertical drop off, installing riprap to break the waves at initial impact and installing an erosion control blanket above the riprap so the spray from the waves does not erode the ground above the riprap until vegetation has been established.

Unfortunately the rising water levels of the lake are uncontrollable and unpredictable. But if the water in Stump Lake rises, riprap can be added above the existing riprap and an erosion control blanket installed above the additional riprap.

Although the Outdoor Heritage Fund awarded funding up to \$472,912.00, the Nelson County Park Board will not be requesting the remaining amount available of \$233,153.41. The costs for this project came in significantly under the original estimates. The match funding for this project of \$179,294.00 came from the State Water Commission and Enbridge and is higher than what had originally been anticipated. This match funding from Enbridge and the State Water Commission also resulted in the Nelson County Park Board not having to use its own funds generated from the mill levy or park fees as originally planned. Although in-kind funding is not noted on this Exhibit, considerable time and effort was spent by the Nelson County Park Board members, Maynard Loibl, Don Fougner, Bruce Ellertson, Nancy Marquart, Alan Klefstad, Ron Houdek and Lisa Schnidele to make this project a success. Past Commission Chairman, Odell Flaagan and retired County Auditor, W. J. (Jack) Davidson also put a great deal of their time towards this project. As well as Dwight Elfman, Stump Lake Park Manager, and Jim Hatlestad, Park Groundskeeper.

A sign has been put up at Stump Lake Park recognizing the Outdoor Heritage Fund for their help with this project.

This project is now complete and the contract has been closed. The committed amount of \$233,153.41 has been returned to the Outdoor Heritage Fund.

Updated: August 1, 2017