

# Outdoor Heritage Fund Grant Application



Name of Organization \* Nelson County Park Board

Federal Tax ID# \* 45-6002228

Contact Person/Title \* W. J. "Jack" Davidson, Nelson County Auditor

Address \* 210 B Ave W, Ste 201

City \* Lakota

State \* ND

Zip Code \* 58344-7410

E-mail Address \* wdavidso@nd.gov

Web Site Address (Optional) www.StumpLakePark.com

Phone \* 701-247-2463

Fax # (if available)

List names of co-applicants if this is a joint proposal n.a.

**MAJOR Directive: (select the Directive that best describes your grant request)\***

Choose only one response

**Directive A.** Provide access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;

**Directive B.** Improve, maintain, and restore water quality, soil conditions, plant diversity, animal systems and to support other practices of stewardship to enhance farming and ranching;

**Directive C.** Develop, enhance, conserve, and restore wildlife and fish habitat on private and public lands; and

**Directive D.** Conserve natural areas for recreation through the establishment and development of parks and other recreation areas.

**Additional Directive: (select the directives that also apply to the grant application purpose)\***

Choose all that apply

**Directive A.** Provide access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;

**Directive B.** Improve, maintain, and restore water quality, soil conditions, plant diversity, animal systems and to support other practices of stewardship to enhance farming and ranching;

**Directive C.** Develop, enhance, conserve, and restore wildlife and fish habitat on private and public lands; and

**Directive D.** Conserve natural areas for recreation through the establishment and development of parks and other recreation areas.

**Type of organization: (select the category that describes your organization)\***

State Agency

Political Subdivision

Tribal Entity

Tax-exempt, nonprofit corporation, as described in United States Internal Revenue Code (26 U.S.C. § 501 (c))

**Project Name\*      Stump Lake Park Bank Restoration**

**Abstract/Executive Summary.**    **An Executive Summary of the project stating its objectives, expected results, duration, total project costs and participants.\*** (no more than 500 words)

The Nelson County Park Board is requesting funding for a bank stabilization project 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 Stump Lake Park's amenities.

Stump Lake is a naturally formed lake located in Nelson County, North Dakota. It covers 15,742.4 square acres, has 72.5 miles of shoreline, and has an average depth of 29.7 feet with a maximum depth of 73.3 feet. It is stocked by the North Dakota Department of Natural Resources with Walleye, Yellow Perch, and Northern Pike.

Stump Lake is an endorheic (closed) lake, and has no input or output of rivers or streams, and is only fed by rain or human sources.

The Nelson County Park Board has worked hard to develop Stump Lake Park in to a popular public recreation area. This includes creating an RV park, access for anglers, a café and a new playground. If the erosion isn't halted and bank restoration completed, it would be inevitable that some of the park's amenities, especially the beach and baseball/softball field, would be lost.

On average, 200-300 non-campers use the facilities per day during the regular May through September season. The three biggest events of the summer are the Polka Fest in June, Fourth of July, and Labor Day weekend. Stump Lake Park holds its Annual Threshing Bee over Labor Day weekend. These events attract an average of 3,000 to 4,000 daily visitors. During these events, the campgrounds house approximately 1,300 individuals per night. During other weekends, 600 to 900 people camp within Stump Lake Park. The overall park complex has an average of 20,000 annual visitors.

In 2013, The Nelson County Park Board completed the construction of a new café located near the Pioneer Village on the north end of Stump Lake Park. The café had a very successful first season the summer of 2013.

A successful grant determination would allow the Nelson County Park Board to complete the bank restoration project which is necessary to preserving the amenities of Stump Lake Park, all of which equally contribute to the overall success and popularity of the park.

**Objectives/Results**

- To complete a bank restoration project to stabilize the bank near the baseball/softball diamond at Stump Lake Park. The diamond is utilized throughout the summer months for tournaments as well as an amenity for patrons utilizing the park's pavilion and campground for family gatherings.
- To complete a bank restoration project to allow for the park's swimming beach to continue to be a vital amenity of Stump Lake Park. The beach is used throughout the summer months by visitors to the park and campground.
- To halt further loss of trees to bank erosion, which affects the overall quality of the park.
- To halt further erosion that is endangering the Old Settler's Pavilion, which is on the National Register of Historic Properties.

**Duration**

- This project is weather dependent
- Expected completion is Summer of 2015

**Amount of Grant request \$ \* 472,912**

**Total Project Costs \$\* 630,550**

(Note that in-kind and indirect costs can be used for matching funds)

**A minimum of 25% Match Funding is strongly encouraged. Amount of Matching Funds \$\* 157,638**

Please indicate if the matching funds will be in-kind, indirect or cash.

Please indicate if the matching funds will be in-kind, indirect or cash.

**Source(s) of Matching Funds**

If applicable

\$ 157,638 Nelson County Park Board –mill levy, park fees.

**Certifications \***

I certify that this application has been made with the support of the governing body and chief executive of my organization.

I certify that if awarded grant funding none of the funding will be used for any of the exemptions noted on Page 1 of this application.

## **Narrative**

### **Organization Information – Briefly summarize your organization’s history, mission, current programs and activities. \***

Include an overview of your organizational structure, including board, staff and volunteer involvement.  
(no more than 300 words)

- The mission of the Nelson County Park Board is to promote recreational and leisure opportunities to all individuals to enrich quality of life. In addition to the Stump Lake, Stump Lake Park offers a variety of family attractions including: craft shows, Mother’s Day buffet, threshing bee, county fair, youth camp, dances, softball tournaments, fishing, mini golf, volleyball, basketball, Pioneer Village Tours and the annual Polka Fest. The park boasts a variety of hiking trails and two playgrounds.
- The Nelson County Park Board has been in existence for more than 30 years. The Board is comprised of seven (7), members including five Nelson County Commissioners. Volunteers are enlisted for special functions and programs by the Nelson County Historical Society.

#### Nelson County Park Board Members:

Maynard Loibl  
Odell Flaagan  
Don Fougner  
Bruce Ellertson

Dan Marquart  
Lisa Schindele  
Ron Houdek

- The Nelson County Park Board and the Nelson County Historical Society continue to demonstrate dedication to preserving the county’s heritage and provide a safe, family oriented recreational park. Stump Lake Park consists of 166.4 acres and is located in Nelson County in the eastern part of the prairie of North Dakota. The park is surrounded on three sides by the waters of Stump Lake and, to the north, a wooded area and adjacent crop land. A portion of the cropland is owned by the County Park Board and is used to grow grain for harvest during the annual threshing bee.
- In 1994, the Nelson County Historical Society developed Pioneer Village which includes 15 buildings (i.e., historic houses, church, school, sawmill, etc.).
- One of the County’s oldest and historically significant structures is the large Old Settler’s Pavilion constructed in 1920 and continues to accommodate roller skating, weddings, family gatherings, dances and cultural events such as art shows and concerts. The Pavilion was placed on the National Register of Historic Properties on June 12, 2010.

**Purpose of Grant – Describe the proposed project identifying how the project will meet the specific directive(s) of the Outdoor Heritage Fund Program \***

Identify project goals, strategies and benefits and your timetable for implementation. Include information about the need for the project and whether there is urgency for funding. Please indicate if this is a new project or if it is replacing funding that is no longer available to your organization. Identify any innovative features or processes of your project.

This project directly relates to **Directive D** "Conserve natural areas for recreation through the establishment and development of parks and other recreation areas."

The primary goal of this erosion control project is to protect and conserve all of Stump Lake Park's amenities, especially the beach and baseball/softball diamond, for its 20,000 annual visitors. A secondary benefit is stopping the further loss of trees to erosion, which affects the overall quality of the park. The need for project funding is urgent as Stump Lake wave action continues to destabilize the bank and threaten park property.

The contractor will slope and riprap the shore at a 3:1 slope, add 7.5 ft. wide erosion geo-fabric underneath all rock, and seed all disturbed areas. Above the rock, 6.5 ft. wide coconut fabric will be stapled in. The clearing and grubbing will create a by-product because it will be completed uniformly to construct the erosion control measures.

Existing conditions include severe erosion due to large wave action from across Stump Lake. The fetch, depending on the wind, varies from 5,300 feet to more than 15,000 feet. This causes large northwest wave action against the shoreline. Damage includes undermining large trees and severe erosion to the shoreline. In multiple areas, there is a 5-6 foot vertical drop from the shoreline to the water. As the wave action erodes the bottom of the drop off, the soil and trees above fall into the water and wash out into the lake. Without the proposed project, erosion will continue and as the trees continue to be lost, the rate of erosion will increase.

Aerial photos attached to this application depict evident erosion present at Stump Lake Park. The 1981 shoreline exhibit represents the initial baseline boundary. Wave action from the lake has eroded the shoreline over 500 feet over the course of 30+ years. High water and continued wave action will further erode the shoreline at a high rate until erosion measures are implemented.

The erosion contributed to the original café in the park being inundated by water and damaged beyond repair. A new café was built in 2013 at the cost of approximately \$390,000.

Nelson County has spent approximately \$11,000 to remove dead trees from the water. Also, the loss of trees has had a significant impact on the quality of the park in general.

Approximately \$10,450 has been spent by Nelson County to purchase Hesco barriers to build temporary dikes to protect areas from further erosion. Nelson County provided 28 hours of manpower to construct temporary dikes.

Nelson County has spent approximately \$24,000 on riprap, fill, etc. over the last 7 years to repair the more severe areas of erosion.

The erosion and loss will continue until a more permanent plan is put into place.

The proposed project will stabilize the slope by reshaping the shoreline to remove the vertical drop off, installing riprap to break the waves at initial impact and installing 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.

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.

The project will preserve recreation areas at Stump Lake Park. Key infrastructure that will be protected by the proposed project includes the pavilion which includes a roller rink, two boat ramps, baseball/softball field, park maintenance shop, bait shop, two picnic shelters, five acres of day picnic area, and numerous campsites that includes RV hookups.

Recreational features will continue to attract visitors to the park ensuring continued operation and funds for future improvements. The Nelson County Park Board benefits by generating optimal park revenues to use in upkeep of existing facilities and future development of the park, campgrounds, amenities, and historic/cultural components. Neighboring communities within Nelson County also benefit economically by attracting travelers en route to the park stopping to utilize gas stations, shops, eating establishments and various other services.

**Management of Project – Provide a description of how you will manage and oversee the project to ensure it is carried out on schedule and in a manner that best ensures its objectives will be met.\***

Include a brief background and work experience for those managing the project.

The project will be managed by the Nelson County Park Board. The County Auditor will assist with the financial management. The Park Board has been in existence for more than 30 years. Wesley Davidson, County Auditor, has held this elected position for more than 30 years.

**Management System**

- Project timeline/implementation schedule will be developed
- Project binder/files established
- Financial accountability system
- Scheduled progress meetings
- Payments will be approved by the Nelson County Park Board prior to payment

**Evaluation – Describe your plan to document progress and results. \***

How will you tell if the project is successful? Please be specific on the methods you will utilize to measure success. Note that regular reporting, final evaluation and expenditure reports will be required for every grant awarded.

- Regular reporting, final evaluation and expenditure reports will be submitted in a timely manner as required.
- Tentative timeline will be established for project work and monitored by the Nelson County Park Board.
- Success of the bank stabilization will be determined by saving the ball diamond and further loss of land and trees and further erosion threatening the Old Settler's Pavilion

## Financial Information

**ATTACHMENT: Project Budget – Using the standard project budget format that is available on the website at <http://www.nd.gov/ndic/outdoor-infopage.htm> , please include a detailed total project budget that specifically outlines all the funds you are requesting.\***

The project budget should identify all matching funds, funding sources and indicate whether the matching funds are in the form of cash or in-kind services. As noted on the standard project budget format, certain values have been identified for in-kind services. Please utilize these values in identifying your matching funds. **NOTE: No indirect costs will be funded.**

■ I certify that a project budget will be sent to the Commission\*

### Budget Standard Form

Please use the table below to provide a detailed total project budget that specifically outlines all the funds you are requesting and the matching funds being utilized to fund this project. Please note if the matching funds are in the form of cash, indirect costs or in-kind services. The budget should identify all other committed funding sources and the amount of funding from each source. Match can come from any source (i.e. private sources, State and Federal funding, Tribal funding, etc.) Note a minimum of 25% match funding is strongly encouraged. An application will be scored higher the greater the amount of match funding provided. (See Scoring Form.)

Please feel free to add columns and rows as needed. Please include narrative to fully explain the proposed budget.

Note that NO INDIRECT COSTS will be funded from the Outdoor Heritage Fund. Also by law several items are ineligible for funding -- see Exemptions in the Application Form. Effective January 29, 2014 the following guidelines were approved by the Industrial Commission:

#### NO CONSIDERATION:

In addition to those specific items in law that are ineligible for funding, in the absence of exceptional circumstances, the following projects will NOT receive consideration for funding:

- Projects that are already completed;
- Projects that are on-going (Phased projects would be considered);
- Staffing;
- Feasibility studies;
- Annual maintenance;
- Paving projects for roads and parking lots;
- Swimming pools;
- Non-permanent equipment (such as snowmobiles, tractors);
- Research;
- Projects where the applicant is not directly involved in the project.



Project Expense	OHF Request	Applicant's Match Share (Cash)	Applicant's Match Share (In-Kind)	Applicant's Match Share (Indirect)	Other Project Sponsor's Share	Total Each Project Expense
Contract Bond	\$10,000	\$	\$	\$	\$	\$10,000
Clearing and Grubbing	\$100,000	\$	\$	\$	\$	\$100,000
Borrow-Excavation	\$135,000	\$	\$	\$	\$	\$135,000
Foreslope Reshaping	\$18,000	\$	\$	\$	\$	\$18,000
Seeding CL II	\$10,000	\$	\$	\$	\$	\$10,000
ECB Type 4	\$6,500	\$	\$	\$	\$	\$6,500
Riprap Grade II	\$112,362		\$157,638			\$270,000
Flotation Silt Curtain	\$12,000					\$12,000
Remove Flotation Silt Curtain	\$1,800					\$1,800
Geosynthetic Material Type RR	\$17,250					\$17,250
Mobilization	\$50,000					\$50,000
<b>Total Costs</b>	<b>\$472,912</b>	<b>\$</b>	<b>\$157,638</b>	<b>\$</b>	<b>\$</b>	<b>\$630,550</b>

**DRAW TEXT BOX FOR DETAILS HERE**

In-kind services used to match the request for Outdoor Heritage Fund dollars shall be valued as follows:

- Labor costs \$15.00 an hour
- Land costs Average rent costs for the county as shown in the most Recent publication of the USDA, National Agricultural Statistics Services, North Dakota Field Office
- Permanent Equipment Any equipment purchased must be listed separately with documentation showing actual cost. (For example: playground equipment)
- Equipment usage Actual documentation
- Seed & Seedlings Actual documentation
- Transportation Mileage at federal rate
- Supplies & materials Actual documentation

More categories will be added as we better understand the types of applications that will be submitted. We will use as our basis for these standards other State and Federal programs that have established rates. For example the North Dakota Nonpoint Source Pollution Management Program has established rates. If your project includes work that has an established rate under another State Program please use those rates and note your source.

Approved by OHF Advisory Board: October 17, 2013  
 Approved by Industrial Commission: October 22, 2013  
 Revised by OHF Advisory Board: January 22, 2014

Approved by Industrial Commission: January 29, 2014  
Revised by OHF Advisory Board: May 13, 2014  
Approved by Industrial Commission: May 27, 2014

**Sustainability – Indicate how the project will be funded or sustained in future years. \***

Include information on the sustainability of this project after all the funding from the Outdoor Heritage Fund has been expended and whether the sustainability will be in the form of ongoing management or additional funding from a different source.

Nelson County levies three mills for the Nelson County Park Board. Five campgrounds accommodating 130 recreation vehicles (RV's) produce additional revenue. The Nelson County Park Board contracts with Park Managers Dwight and Sandy Elfman who are responsible for day to day operation of the campgrounds and a majority of the park maintenance. The Board also contracts with grounds keeper Jim Hatlestad.

**Partial Funding – Indicate how the project will be affected if less funding is available than that requested. \***

If awarded partial funding the project may need to be scaled back. Partial funding would also affect future projects as the cash availability would be reduced for future projects.

**Partnership Recognition - If you are a successful recipient of Outdoor Heritage Fund dollars, how would you recognize the Outdoor Heritage Fund partnership? \***

The Park Board would use social media and local newspapers to recognize the award from the Outdoor Heritage Fund.

**Scoring of Grants**

All applications will be scored by the Outdoor Heritage Fund Advisory Board after your ten-minute oral presentation. The ranking sheet(s) that will be used by the Board is available on the website at <http://www.nd.gov/ndic/outdoor-infopage.htm> .

**Awarding of Grants**

All decisions on requests will be reported to applicants no later than 30 days after Industrial Commission consideration. Applicants whose proposals have been approved will receive a contract outlining the terms and conditions of the grant. Please note the appropriate sample contract for your organization on the website at <http://www.nd.gov/ndic/outdoor-infopage.htm> that set forth the general provisions that will be included in any contract issued by the North Dakota Industrial Commission. Please indicate if you can meet all the provisions of the sample contract. If there are provisions in that contract that your organization is unable to meet, please indicate below what those provisions would be. \*

**None known at this time**

**All provisions of the grant agreement will met**

### **Responsibility of Recipient**

The recipient of any grant from the Industrial Commission must use the funds awarded for the specific purpose described in the grant application and in accordance with the contract. The recipient cannot use any of the funds for the purposes stated under Exemptions on the first page of this application.

If you have any questions about the application or have trouble submitting the application, please contact Karlene Fine at 701-328-3722 or [kfine@nd.gov](mailto:kfine@nd.gov)

**NELSON COUNTY  
Park Board  
210 B Ave West, Suite 201  
Lakota, ND 58344**

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November 3, 2014

Wade Moser, Chairman  
Outdoor Heritage Fund Advisory Board  
ND Industrial Commission  
State Capitol – Fourteenth Floor  
600 East Boulevard Ave. Dept. 405  
Bismarck, ND 58505

RE: Stump Lake Park - Outdoor Heritage Fund Grant Application

Dear Chairman Moser:

On behalf of the Nelson County Park Board, please find enclosed a grant application to support a bank restoration for Stump Lake Park.

The Nelson County Park Board is requesting funding for a bank stabilization project 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 Stump Lake Park's amenities.

The primary goal of this erosion control project is to protect and conserve all of Stump Lake Park's amenities, especially the beach and baseball/softball diamond, for its 20,000 annual visitors. A secondary benefit is stopping the further loss of trees to erosion, which affects the overall quality of the park. The need for project funding is urgent as Stump Lake wave action continues to destabilize the bank and threaten park property.

Existing conditions include severe erosion due to large wave action from across Stump Lake. The fetch, depending on the wind, varies from 5,300 feet to more than 15,000 feet. This causes large northwest wave action against the shoreline. Damage includes undermining large trees and severe erosion to the shoreline. In multiple areas, there is a 5-6 foot vertical drop from the shoreline to the water. As the wave action erodes the bottom of the drop off, the soil and trees above fall into the water and wash out into the lake. Without the proposed project, erosion will continue and as the trees continue to be lost, the rate of erosion will increase.

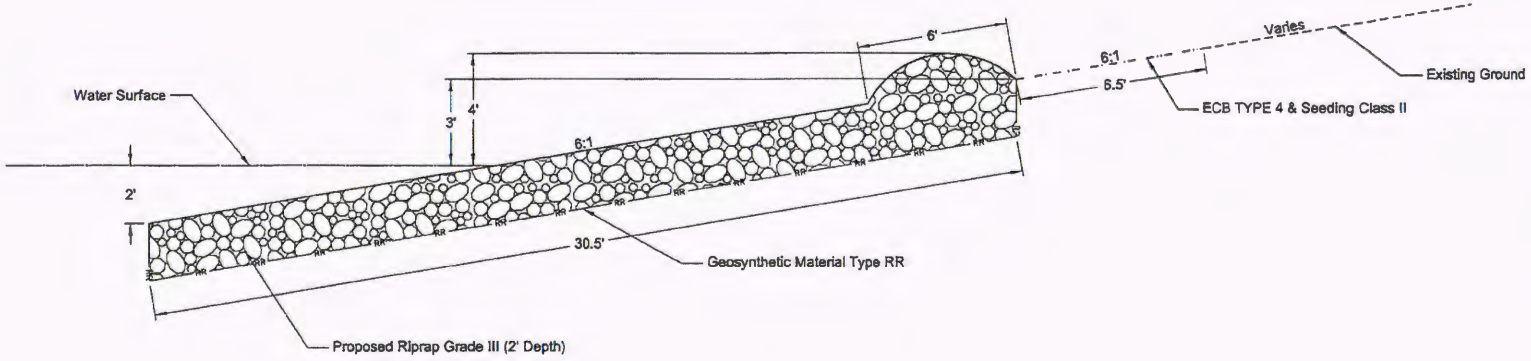
The erosion and loss will continue until a more permanent plan is put into place.

Kindly,

*W. L. "Jack" Davidson*

Jack Davidson  
Nelson County Auditor

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	Stump Lake Park	30	1



This document is preliminary and not for construction or implementation purposes.

**PRELIMINARY**

Stump Lake Park Erosion Control  
NELSON COUNTY, NORTH DAKOTA

**KLJ**

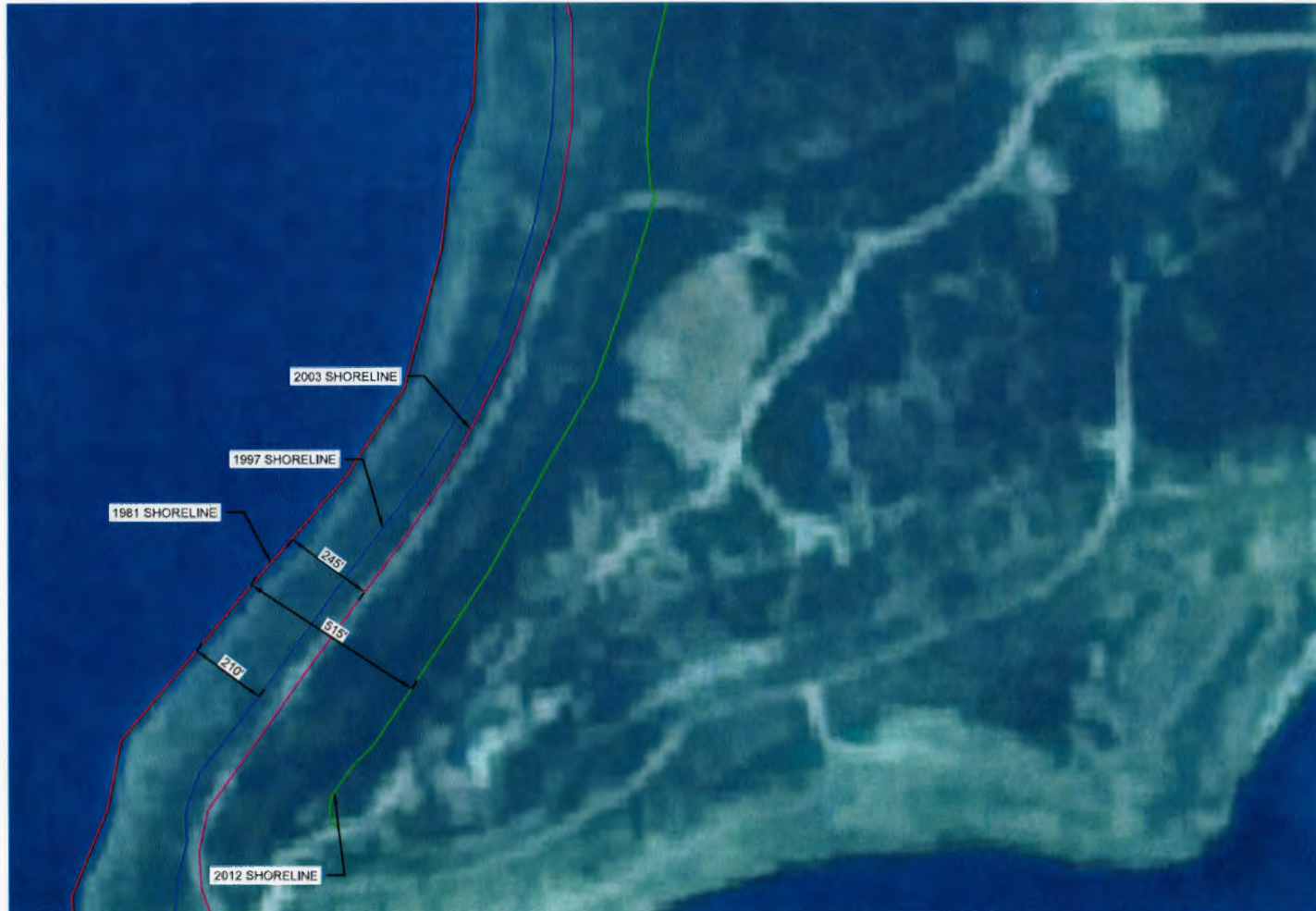
TYPICAL SECTION

DATE:	DATE:	PROJECT NO.:
01/13/2014	01/13/2014	2013055

# 2012 SHORELINE-STUMP LAKE PARK



# 1981 SHORELINE-STUMP LAKE PARK



**PRELIMINARY OPINION OF COST**  
**Stump Lake Park - 1800 FT West Bank**  
**Nelson County, North Dakota**  
**Slope Restoration, Riprap, Erosion Control Blanket and Incidentals**

NUMBER	ITEM	QUANTITIES	UNIT	UNIT PRICE	TOTAL
1	CONTRACT BOND	1.0	L SUM	\$ 10,000.00	\$ 10,000.00
2	CLEARING & GRUBBING	1	L SUM	\$ 100,000.00	\$ 100,000.00
3	BORROW-EXCAVATION	5,400	CY	\$ 25.00	\$ 135,000.00
4	FORESLOPE RESHAPING	18.0	STA	\$ 1,000.00	\$ 18,000.00
5	SEEDING CL II	1.00	ACRE	\$ 10,000.00	\$ 10,000.00
6	ECB TYPE 4	1,300	SY	\$ 5.00	\$ 6,500.00
7	RIPRAP GRADE III	4,500	CY	\$ 60.00	\$ 270,000.00
8	FLOTATION SILT CURTAIN	600	LF	\$ 20.00	\$ 12,000.00
9	REMOVE FLOTATION SILT CURTAIN	600	LF	\$ 3.00	\$ 1,800.00
10	GEOSYNTHETIC MATERIAL TYPE RR	6,900	SY	\$ 2.50	\$ 17,250.00
11	MOBILIZATION	1.0	L SUM	\$ 50,000.00	\$ 50,000.00
<b>ESTIMATED TOTAL CONSTRUCTION COST =</b>					<b>\$ 630,550.00</b>
<b>ESTIMATED ENGINEERING COST (15%) =</b>					<b>\$ 94,582.50</b>
<b>ESTIMATED TOTAL COST =</b>					<b>\$ 725,132.50</b>