

11096 - Sheyenne River Water Trail

Application Details

Funding Opportunity:	7583-Outdoor Heritage Fund May 2021 - Round 18	Initial Submit Date:	Apr 30, 2021 2:02 PM
Funding Opportunity Due Date:	May 3, 2021 11:59 PM	Initially Submitted By:	Bobby Koepplin
Program Area:	Outdoor Heritage Fund	Last Submit Date:	May 5, 2021 11:09 AM
Status:	Under Review	Last Submitted By:	Bobby Koepplin
Stage:	Final Application		

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name: Salutation Bobby Middle Name
First Name
Koepplin
Last Name

Title:

Email*: bkoepplin@msn.com

Address*: 230 15th Street NE

Valley City North Dakota
City State/Province
58072
Postal Code/Zip

Phone*: 701-840-0250 Ext.
Phone
###-###-####

Fax: ###-###-####

Comments:

Organization Information

Status*: Approved

Name*: Barnes County Park Board

Organization Type*: County Government

Tax Id:

Organization Website: <http://www.co.barnes.nd.us>

Address*: 230 4th Street NW

Valley City North Dakota
City State/Province
58072-____
Postal Code/Zip

Phone*: 701-840-0250 Ext.
###-###-####

Fax: ###-###-####

Budget

Objective of Grant

Objective of Grant:

Develop a 180-mile water trail through 3 counties from Baldhill Dam to the Sheyenne National Grassland.
Construction of 4 landings and improvements at 15 sites. Will be North Dakota's longest Water Trail meeting Water Trail Standards to be a National Park Service designated Water Trail.

Summary

Grant Request:	\$170,000.00
Matching Funds:	\$213,985.00
Total Project Costs:	\$383,985.00
You must have at least 25% match	
Percentage of Match:	55.73%

Project Expenses

Project Expense Description	OHF Request	Match Share (Cash)	Match Share (In- Kind)	Match Share (Indirect)	Other Project Sponsor's Share	Total Each Project Expense
Signage	\$73,000.00	\$2,500.00	\$0.00	\$0.00	\$22,210.00	\$97,710.00
Trailhead Kisks	\$37,309.00	\$0.00	\$0.00	\$0.00	\$32,436.00	\$69,745.00
Brochure Holders	\$0.00	\$0.00	\$0.00	\$0.00	\$6,840.00	\$6,840.00
Bike Racks	\$0.00	\$0.00	\$0.00	\$0.00	\$6,932.00	\$6,932.00
Life Jacket/Backpack Hanging Stations	\$0.00	\$0.00	\$0.00	\$0.00	\$2,807.00	\$2,807.00
Landing Improvements	\$41,275.00	\$0.00	\$0.00	\$0.00	\$48,925.00	\$90,200.00
Picnic Tables	\$0.00	\$0.00	\$0.00	\$0.00	\$6,870.00	\$6,870.00
Concrete Privy	\$0.00	\$0.00	\$0.00	\$0.00	\$22,386.00	\$22,386.00
Gates	\$850.00	\$0.00	\$0.00	\$0.00	\$1,275.00	\$2,125.00
Barb Wire Fencing and Gate Install	\$2,146.00	\$0.00	\$0.00	\$0.00	\$3,219.00	\$5,365.00
Garbage Receptacles	\$0.00	\$0.00	\$0.00	\$0.00	\$2,505.00	\$2,505.00
Easement	\$0.00	\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$5,000.00
Labor, Equipment & Mileage	\$0.00	\$0.00	\$4,000.00	\$0.00	\$0.00	\$4,000.00
Preliminary Engineering	\$0.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00
Construction Engineering	\$13,420.00	\$6,774.00	\$0.00	\$0.00	\$23,306.00	\$43,500.00
Project Administration & Management	\$0.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$14,000.00
Contingency	\$2,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00	\$5,000.00
	\$170,000.00	\$24,774.00	\$4,000.00	\$0.00	\$185,211.00	\$387,985.00

Budget Narrative**Budget Narrative:**

The cost of project improvements based on attached quotes and KLJ engineering Opinion of Cost is \$383,985.00. Improvements will include development of four new paddle landings and improvements at 15 existing landings. Landing improvements include bank excavation of silt, placement of rock rip rap and gravel, construction of a concrete privy, placement of garbage cans and picnic tables, parking lot improvements, and fencing.

In addition, information (rules, safety, low head dam warnings, invasive species reference, etc.) and map kiosks will be located at landing trailheads. Some locations will have brochure racks, low head dam signage that includes two on each side of the river above six low head dams. Directional signage will be placed on roadways detailing specific landing locations, and 32 bridges will have identification signage along with river mile markers to help paddlers identify where they are. Backpack/life jacket hangers will also be constructed. Construction engineering is expected to cost \$23,500.00 for this project due to the project size and trail length. Of that amount, construction engineering cost of \$13,420 is included in the Outdoor Heritage Grant Budget. See Uses and Sources of Funds.

Pricing for all applicable signage and telspar post counts at each road access, landing, etc are in multiple complicated spreadsheets that are available upon request.

Bid Attachments

Description	File Name	Type	Size	Upload Date
KLJ Opinion of Cost, Sea Reach Signage, Riverside Gates, E&J Fencing, Newman Posts, Signage Estimates	Quote Attachments.pdf	pdf	1 MB	04/30/2021 10:25 AM

Match Funding

Match Amount	Funding Source	Match Type
\$1,000.00	Barnes County Park Board	Cash
\$2,500.00	Ransom County Park Board	Cash
\$1,000.00	City of Valley City	Cash
\$7,000.00	City Food and Beverage Tax	Cash
\$9,774.00	VCBC Development Corporation	Cash
\$3,500.00	Water Trail Partners	Cash
\$1,000.00	Barnes County Park Board	In-Kind
\$3,000.00	Water Trail Partners	In-Kind
\$46,196.00	Garrison Diversion Grant	Cash
\$139,015.00	Recreational Trail Program	Cash
\$213,985.00		

Description

Directives

Major Directive*:	Directive A Choose One
Additional Directive:	Directive B, Directive C, Directive D Choose All That Apply

Type of Agency*:

Political Subdivision

Choose One

Abstract/Executive Summary

Abstract/Executive Summary*:

This project includes the development of a comprehensive Water Trail that has the potential to be recognized as a National Water Trail by the National Park Service. The Sheyenne River Water Trail will be North Dakota's most extensive and longest Water Trail with 19 paddle landings along 180 miles of the Sheyenne River through three counties (Richland, Ransom and Barnes) from the Sheyenne National Grassland to Lake Ashtabula. The Trail is an innovative opportunity to provide enhanced outdoor recreational access that will help paddle users experience Legendary North Dakota.

In 2019, the Sheyenne River Water Trail was implemented on the Sheyenne National Grassland. This first portion of the Trail utilized existing water features to provide 17 river miles of both motorized and non-motorized use. Objectives of this project include the addition of 4 new paddle landings and improvements to existing landings. Paddle Trail kiosks with paddle information and maps will be located at 17 of the landings. Safety and directional signage will be established along roadways, on bridges and along the river. Completion of the Trail will add to the recreational options for North Dakota residents and visitors. Providing paddling trips aligns with several of the needs identified in the most recent ND State Comprehensive Outdoor Recreation Plan.

Expected results include providing safe access to private and public lands through additional recreational opportunities in the Sheyenne Valley as well as an increase public awareness of the river. Through development of landings and the addition of amenities such as garbage receptacles, the amount of refuse along the River will be reduced providing higher quality habitat to aquatic and land wildlife. Growing tourism on the river will bring more people into our community businesses which will be great for our economy. It will provide another outdoor activity to help create healthier communities, one of our Governor's three pillars. The anticipated completion date of this \$383,985 project is the end of 2022. Once completed, the Water Trail will encourage people to enjoy nature and hopefully inspire them to preserve the beauty around them.

Seventeen of the landings are located on public property owned and maintained by Project Partner Agencies; the estimated annual maintenance cost to be covered by Local, State and Federal Partners is over \$16,000. Two landings are located on private property where recreation easements for paddle landing development have been verbally approved by the landowners; written agreements will be signed after the project funding is approved.

See Project Overview attachment for additional information.

Project Duration

Project Duration*:

Pending funding approval, availability of materials and contractor schedules, expect to have the project completed by end of 2022.

Narrative

Narrative

Briefly summarize your organization's history, mission, current programs and activities. Include an overview of your

organizational structure, including board, staff and volunteer involvement.

Organization Information*:

The Barnes County Park Board has been in the business of providing outdoor recreational facilities to Barnes County residents and visitors for over 81 years. The Park Board manages Clausen Springs Recreation Area, which includes 61 campsites and camping amenities located on 545 acres owned by and in partnership with ND Game and Fish. The Park Board also manages Little Yellowstone Park located near the Sheyenne River on ND Highway 46, which includes camping amenities, playground equipment and trails with 35 campsites.

The Barnes County Park Board is made up of three County Commissioners, and four additional board members that are appointed by the County Commission. Board members include Commissioners Pete Paulson, Vicky Lovell and Bill Carlbom (Vice Chair); Scott Tichy, US Army Corps of Engineers; Dallas Dockter, Teacher at Valley City High School; and Bobby Koepplin (Chair) who serves on numerous boards at City, County, State, and National levels. Dr. Andre Delorme, Professor at VCSU, recently resigned, creating an opening on the board. Major improvements at the two existing County Parks have occurred due to Bobby's leadership, fundraising and project management abilities. Additional projects include the Monson Park and Trail. This project includes the creation of a 42-acre park and expansion of existing non-motorized trails resulting in 2.8 miles of trail from downtown Valley City to the north end of the park.

Staff includes Scott Kohler, who is the onsite part time Park Manager, and two seasonal part time staff. Volunteers, including Park Board Members and campground hosts with assistance of the Barnes County Highway Department, make up approximately 20 percent of the work on current projects as well as provide regular maintenance. The three seasonal employees (April 9 through October 31) take care of 80 percent of work/maintenance operations.

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. 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.

Note: if your proposal provides funding to an individual, the names of the recipients must be reported to the Industrial Commission/Outdoor Heritage Fund. These names will be disclosed upon request.

If your project involves an extenuating circumstance to exempted activities please explain.

Purpose of Grant*:

The Sheyenne River Water Trail meets Directives A, B, C and D. Regarding Directive A, the scope and plan of this project is to develop small but usable hand launch sites along the Sheyenne River. Some of the proposed launch sites are currently on private land, with the finalization of easements to occur upon funding approval. These sites will increase public access on private land for outdoor recreation, including recreational paddling, wildlife viewing and fishing along the Sheyenne River for sportsmen and recreationalists alike. The project is providing semi-primitive use on the Sheyenne National Grassland offers more developed recreation opportunities through Valley City and Fort Ransom. The Trail meets Directive B by providing garbage receptacles at landings and through construction and overall landing improvements; the amount of refuse in and near the River will be reduced. Hopes are that, with the installation of garbage receptacles, trail users will no longer dispose of trash in the river and do their part to reduce the amount of waste in the natural spaces they are utilizing benefiting the environmental quality for wildlife and agriculture. Directive C is met by the increased access to garbage cans at landings and pack in/out signage which will hopefully reduce bottles and cans from ending up in and along the Sheyenne River, which is now the case. The Trail meets Directive D as the development of the launch sites will increase recreational opportunities for many users both on-shore and on-river experiences like fishing and wildlife viewing. Most developed launch sites will have picnic tables available for lunches as well as vault toilets for bathroom access. These small yet vital recreation areas will benefit users of the Sheyenne River Water Trail by providing a relaxing setting for meals, bathroom access, and parking along with river access.

Please list the counties that would be impacted by this project:

Counties*: Barnes,Ransom,Richland

Is This Project Part of a Comprehensive Conservation Plan?* Yes

If Yes, Please Provide Copy of Plan: SCORP 2018-2022 Trails-Low Res Web1.pdf

Does Your Project Involve an Extenuating Circumstance?* Yes

Please Explain:

Yes, local, State, Federal agencies and volunteers are investing significant hours in accomplishing this project to provide a positive economic development impact to the communities along the Sheyenne River as well as North Dakota. Successful completion is contingent on approval of all funding sources.

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.

Management of Project*:

The Barnes County Park Board will serve as the fiscal agent for the project. Chairman, Bobby Koeplin, will be involved with the core Water Trail Partner Team Leaders including: Tyler Modlin, Manager of Fort Ransom State Park and Sheyenne Water Trail Chairman; Scott Tichy, US Army Corps of Engineers; Aaron Gaither, US Forest Service; Mary Lee Nielson, Valley City Convention and Visitors Bureau; and Holly Larson, National Park Service. The primary Water Trail Partner Members have significant experience in managing large construction projects.

Bobby Koeplin, has fund-raised, developed specifications, bid and managed multi-million dollar recreation and community projects including: the nationally recognized Sheyenne River Valley National Scenic Byway with interpretation along all 63 miles through 4 communities and 2 counties; the Rosebud Visitor Center in Valley City; the Midland Continental Depot Transportation Museum featuring Peggy Lee in Wimbledon, ND; the Kathryn Community Center (old bank building with interpretation in the City of Kathryn); development of the North Country National Scenic Trail; and significant improvements in rural Barnes County - Clausen Springs and Little Yellowstone Parks, including installation of eight concrete privies, new playground equipment, upgraded electrified campsites and roadway paving projects.

Serving as Past-President and a current board member of the Valley City-Barnes County Development Corporation, he has been integral in the financial packaging and construction of \$1.5 and \$4 million technology centers and currently is responsible for facility maintenance. He was President of the Development Corporation when key manufacturing companies (John Deere and Malach USA) invested in facilities in Valley City. He was significantly engaged in the successful location of Eagle Creek Software Services to the community. Bobby served as Manager of Rural Development at Cass County Electric Cooperative where he worked for over 39 years and has since retired but remains involved in various community projects.

Planning leadership provided by the National Park Service, Concepts created by the NDSU Landscape Architecture Department and numerous hours of time invested by the Water Trail Partners and associated Agency volunteers have been invaluable in the development of this comprehensive Water Trail Project.

Indicate how the project will be funded or sustained in future years. Include information on the sustainability of this project after OHF funds have been expended and whether the sustainability will be in the form of ongoing management or additional funding from a different source.

Sustainability*:

The 15 Water Trail Partners are in the process of signing a Memorandum of Understanding, which includes development, use of logo, approved signage and Trail standards, and maintenance. Partners have committed to investing over \$16,000 annually to maintain the paddle landing sites on public and private properties.

Indicate how the project will be affected if less funding is available than that requested.

Partial Funding*:

If less than the requested funding is provided, the project will need to be pared down as the local, state, federal agencies, and Water Trail Partners do not have the funds readily available in their budgets to develop this comprehensive plan on properties outside their jurisdictions.

If you are a successful recipient of Outdoor Heritage Fund dollars, how would you recognize the Outdoor Heritage Fund partnership? * There must be signage at the location of the project acknowledging OHF funding when appropriate. If there are provisions in that contract that your organization is unable to meet, please indicate below what those provisions would be.

Partnership Recognition*:

Language recognizing the Outdoor Heritage Fund, Recreational Trails Fund, Garrison Diversion Recreation Funds, local partners and Barnes County Park Board will be included in the high pressure laminate - kiosk information panels that are expected to last 10-15 years. Funding sources will also be recognized on any press releases, social media posts, or informational webpages about the Sheyenne River Water Trail.

Do you have any supporting documents, such as maps or letters of support that you would like to provide? If so, please provide them in a single file.

Supporting Documents*: Yes

If Yes, Please Provide Copies in a Single File: Attachments.pdf

Awarding of Grants - Review the appropriate sample contract for your organization. Sample Contract

Can You Meet All the Provisions of the Sample Contract?* Yes

If there are provisions in that contract that your organization is unable to meet, please indicate below what those provisions would be:

Provisions Unable to Meet:

Tasks

Tasks

Task	Start Date	Completion Date
Construction	09/01/2021	12/31/2022
Construction Engineering	09/01/2021	12/31/2022
Permitting	09/01/2021	12/31/2021

Description of Tasks

Please Describe Tasks:

Permitting: Landings requiring bank improvements need permits.

Engineering: Boundary markers, staking for amenities and all applicable signage locations upstream from low head dams, on bridges and along roadways.

Landings: Construction of new and improvements to existing landings.

Amenities: Order and install site amenity materials (bike racks, picnic tables, garbage containers, concrete privy, kiosks, life jacket/backpack stations, signage, gates and fencing).

Deliverables

Deliverables

Deliverable	Quantity	Unit of Measurement, if applicable
Design and construction engineering contract for site improvements and signage	1.000	Contract
Development of hand launch landings	5.000	New landing sites
Improvement to existing launch sites	10.000	Improved launch sites
Installation of barb wire fencing (Hammer Site)	700.000	Feet of fencing installed
Installation of bridge signs (road and river miles)	38.000	Signs installed
Installation of gates (Hammer Site)	4.000	Gates installed
Installation of low head dam signage at 6 dams	24.000	Signs installed
Installation of river mile markers	75.000	Signs installed
Installation of wayfinding signs	19.000	Landings with signage installed
Kiosk information and map panels (13 sets)	26.000	Panels installed

Certification

Certification

Certification: Yes

Name: Bobby Koeplin
First Name Last Name

Title: Barnes County Park Board Chairman
Title

Date: 04/30/2021

Internal Application Number

#/ID: 18-16



SHEYENNE RIVER WATER TRAIL DEVELOPMENT PROJECT
Lake Ashtabula/Baldhill Dam to Sheyenne National Grassland

OPINION OF COST & ENGINEERING BUDGET INFORMATION

<i>Bjornson Golf Course Landing</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total Cost</i>
Riprap (8"-12")	CY	24	\$ 150.00	\$ 3,600.00
Gravel Walks to River Access	CY	36	\$ 75.00	\$ 2,700.00
			Subtotal =	\$ 6,300.00

<i>Kathryn Landing</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total Cost</i>
Gravel Footpath	CY	24	\$ 75.00	\$ 1,800.00
			Subtotal =	\$ 1,800.00

<i>ND Hwy 46/Little Yellowstone Landing</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total Cost</i>
Embankment Excavation	Hr	5	\$ 250.00	\$ 1,250.00
Riprap (8"-12")	CY	24	\$ 150.00	\$ 3,600.00
Riprap (2"-5")	CY	24	\$ 125.00	\$ 3,000.00
Gravel Pull-off & Pedestrian Access	CY	72	\$ 75.00	\$ 5,400.00
Clay Fill @ Pull-off Lot	CY	600	\$ 25.00	\$ 15,000.00
Topsoil & Seeding @ Pull-off Lot	CY	36	\$ 75.00	\$ 2,700.00
			Subtotal =	\$ 30,950.00

<i>Hammer Landing</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total Cost</i>
Gravel Drives, Walks & Parking Lot	CY	156	\$ 75.00	\$ 11,700.00
Riprap (8"-12")	CY	12	\$ 150.00	\$ 1,800.00
15" x 20 ft Culvert Piping	LF	20	\$ 50.00	\$ 1,000.00
Floating Sidewalk & Garbage Container Pad	SY	8	\$ 100.00	\$ 800.00
			Subtotal =	\$ 15,300.00

<i>Sportsman's Lower Landing</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total Cost</i>
Embankment Excavation	Hr	3	\$ 250.00	\$ 750.00
Riprap (8"-12")	CY	24	\$ 150.00	\$ 3,600.00
Fine Riprap/Gravel	CY	36	\$ 75.00	\$ 2,700.00
			Subtotal =	\$ 7,050.00

<i>10 Existing Landings</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total Cost</i>
Riprap	CY	120	\$ 150.00	\$ 18,000.00
Gravel	CY	120	\$ 75.00	\$ 9,000.00
Topsoil & Seeding @ Pull-off Lot	CY	24	\$ 75.00	\$ 1,800.00
			Subtotal =	\$ 28,800.00

(Site drawing quantities rounded to nearest full truck load)

Landing Improvements = \$ 90,200.00

KLJ Engineering

State & Federal Permitting =	\$ 20,000.00
Construction Engineering =	\$ 9,000.00
Construction Staking & Mapping =	\$ 14,500.00
Engineering Total =	\$ 43,500.00

<div> <div>S E A R E A C H L T D .</div> <div>quote sea-4414</div> <div>03.16.21</div> </div>					
SeaReach Ltd. 146 NE Yamhill Street Sheridan OR 97378 Federal ID: 93-0965673		contact taylor phone 503-843-2005 fax 503-843-2744 email taylor@seareach.com		due date not specified job reference fort ransom, ND rfq no sheyenne river water trail (doubles)	
prepared for			shipping to		
Barnes County Park Board attn. bobby koepplin 230 4th Street NW Valley City ND 58072 contact phone 701-840-0250 contact email bkoepplin@msn.com			fort ransom state park attn. bobby Koepplin 5981 walt hjelle pkwy fort ransom ND 58033		
items ordered					
no.	description		unit	qty	total
1	professional hours , design, layout exhibit notes includes time for edits to recreate regulatory signs and modify "you are here's"		\$85.00	40	\$3,400.00
2	professional hours , production files, create		\$85.00	12	\$1,020.00
3	professional hours , custom: construction drawings notes signature approval required prior to fabricaiton		\$85.00	2	\$170.00
4	panel , embedment size 44"(w)x 44"(h)x 0.125"(d) notes high pressure laminate		\$825.00	30	\$24,750.00
5	upright inline sign , 2 panels mounting in-ground mount finish paint, textured color nps brown, (F63TXN311) size 44"(w)x 44"(h)		\$2,280.00	15	\$34,200.00
6	custom , : sleeve for in ground mounts mounting custom: finish paint, textured color to be determined. notes provide sleeve for posts for kiosks to be removed during flooding		\$365.00	1	\$365.00
7	services , packaging		\$790.00	1	\$790.00
				item(s) subtotal	\$64,695.00
shipping per					
no.	company		cost		
1	fed-ex		\$3,855.00		
			shipping subtotal	\$3,855.00	
			total	\$68,550.00	
terms					
Purchase Order or 50% of project total initiates work, with delivery schedule to be determined. Progress payments shall be allowed and all payments shall be due upon receipt of Sea Reach invoices. This price quote is valid for 90 days and is subject to review in light of changes in project description.					
notes					
accepted					
name		signature		date	

SeaReach Ltd.
146 NE Yamhill Street
Sheridan OR 97378
Federal ID: 93-0965673

contact taylor
phone 503-843-2005
fax 503-843-2744
email taylor@seareach.com

due date not specified
job reference fort ransom, ND
rfq no sheyenne river water trail brochure boxes

prepared for**shipping to****Barnes County Park Board****attn. bobby koepplin**

230 4th Street NW
Valley City ND 58072

contact phone 701-840-0250**contact email** bkoepplin@msn.com**fort ransom state park****attn. bobby Koepplin**

5981 walt hjelle pkwy
fort ransom ND 58033

items ordered

no.	description	unit	qty	total
1	custom, : accessory panel mounting custom: attach to upright exhibit base finish paint, textured color nps brown, (F63TXN311)	\$75.00	9	\$675.00
2	custom, : set of 3 brochure boxes mounting custom: attach to accessory panel finish paint, textured color nps brown, (F63TXN311) notes price per brochure box is \$165	\$495.00	9	\$4,455.00
			item(s) subtotal	\$5,130.00

shipping per

no.	company	cost
no items listed		shipping subtotal
		\$0.00
		total
		\$5,130.00

terms

Purchase Order or 50% of project total initiates work, with delivery schedule to be determined. Progress payments shall be allowed and all payments shall be due upon receipt of Sea Reach invoices. This price quote is valid for 90 days and is subject to review in light of changes in project description.

notes**accepted****name****signature****date**

RIVERSIDE BUILDING CENTER
P.O. BOX 1004
LISBON, ND 58054

PAGE NO 1

PHONE: (701) 683-4472

Customer No.	Job No.	Purchase Order No.	Reference	Terms	Clerk	Date	Time
*5		BARNES CO	BARNES COUNTY PARK BOARD	NET 8TH	WF	3/18/21	2:57

Sold To **** CASH ****

Ship To

EXP. DATE: 3/19/21

TERM#551

DOC# 32319

* ESTIMATE *

EST. 32319

SLSPR: WF WYATT FERNOW

TAX : X EXEMPT

SHIPPED	ORDERED	UM	SKU	DESCRIPTION		UNITS	PRICE/PER	EXTENSION
	1	EA	SIOUX8GATE	8' GOLD SIOUX 2" GATE		1	250.00 /EA	250.00 N
	3	EA	SIOUX14GATE	14' GOLD SIOUX 2" GATE		3	350.00 /EA	1,050.00 N
				230 4TH ST NW				
				VALLEY CITY ND 58072				
	1	EA	60	HEAVY HINGE BUCKET		1	299.00 /EA	299.00 N
				REVISED WITH FALL INCREASE EST.				
				SHIP RATE \$1.00 PER MILE ONE WAY				

** ESTIMATE ** ESTIMATE ** ESTIMATE ** ESTIMATE **

TAXABLE	0.00
NON-TAXABLE	1599.00
SUBTOTAL	1599.00

TAX AMOUNT	0.00
TOTAL AMOUNT	1599.00

X

Received By _____

E & J ENTERPRISE INC.
502 WINTER SHOW ROAD
VALLEY CITY, ND 58072
701-845-1900

Barnes County Park Board
230 4th Street NW
Valley City, ND 58072

ESTIMATE FOR THE FOLLOWING SERVICES

- * Install of approximately 700 ft of fence which includes 6ft t-post with 16ft spans. Corner post will be installed with 5x8 round post in a X bracing for strength.
- * Install of approximately 700 ft of 5 Strands of barb wire around the perimeter of the posts.
- * Install 3 - 14 gates 5x8 posts to anchor gates - Install 8 ft gate with 5x8 post to anchor gates.

Materials will include t-posts-5x8 wood ac2 posts-clips-barb wire and equipment for install and removal of old fence.

This Project will be built to NRCS Specification

ESTIMATED AMOUNT FOR LABOR AND MATERIALS MAY VARY DEPENDING ON CHANGES THAT NEEDS TO BE DONE IN ORDER TO COMPLETE YOUR PROJECT. THEREFORE, THIS IS AN ESTIMATED AMOUNT AND YOU WILL RECEIVE A BILL FOR THE AMOUNT OWED FOR SERVICES COMPLETED PRICES OF MATERIALS CAN CHANGE DUE UP OF DEMAND DUE TO COVID.

ESTIMATED PRICE QUOTE: Material\$1365.00 -----Labor \$2500.00

TOTAL For Project: \$3865.00

THANK YOU FOR YOUR BUSINESS! HAVE A GREAT DAY!



QUOTATION

****Prices on quote are guaranteed for 30 days****

Newman Signs Inc.
PO Box 1728
Jamestown, ND 58402
Phone: 800-437-9770

Quote #: TRFQTE040475

Quote Date: 3/17/2021

Customer Number: BAR-03-010

Ship Via: UPS REGULAR

Sales Rep: Cara Allbee

FOB: ORIGIN

Payment Terms: Net 30

Bill To:

BARNES COUNTY PARK BOARD
230 4TH ST NW ROOM 202
VALLEY CITY ND, 58072

Ship To:

BARNES COUNTY PARK BOARD
BARNES COUNTY HWY DEPT
1525 12TH ST NW
VALLEY CITY ND, 58072

Header Note: PLUS FREIGHT IF APPLICABLE-PRICES GOOD FOR 30 DAYS- THANK YOU! CARA

SEQ	Item Number/Cost Code/Description/Note	Quantity	Unit Price	Extended Price
1	T-TLS-2.25-3 TELESPAR 2.25 IN X 3'-12 GA	12.00	16.92	203.04
2	T-TLS-A/P-12-6 TELESPAR ANCHOR PLATE	12.00	11.73	140.76
3	T-TLS-2-10 TELESPAR 2 IN X 10'-12 GA	12.00	44.88	538.56
4	T-TLS-2-12 TELESPAR 2 IN X 12'-12 GA	12.00	53.85	646.20
5	T-TLS-2-14 TELESPAR 2 IN X 14'-12 GA	12.00	62.83	753.96
6	T-TLS-2-20 TELESPAR 2 IN X 20' 12 GA	12.00	89.76	1,077.12
Subtotal:				3,359.64
Tax:				0.00
Total:				\$3,359.64

Total subject to any applicable tax and freight charges. Additional freight charges for residential delivery, inside delivery, liftgate delivery, limited access delivery, or other charges incurred will be invoiced to the customer.

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Signage Quotes

Sheyenne River Water Trail



Camping 6"x6" \$9.50
Camping 12"x12" \$18.00
Camping 24"x24" \$69.00



Pack In 12"x12" \$17.50



Arrow 24"x24" \$69.00



Bridge Name 18"x24" \$35.00
Bridge Name 12"x60" \$100.00



Trail Logo 12"x12" \$14.00



Public Land 3"x12" \$3.00



Access Sign 60"x24" \$167.00



Sheyenne River Water Trail – Overview

A Sheyenne River Water Trail Partnership has been established to expand North Dakota's first water trail developed by the US Forest Service in the Sheyenne National Grassland in 2019, which created a 16.5 mile water trail with 4 landings in the Sheyenne National Grassland in Richland County.

This project will create North Dakota's most extensive and longest Water Trail with 19 paddle landings along 180 miles of the Sheyenne River through three counties (Richland, Ransom and Barnes) from the Sheyenne National Grassland to Lake Ashtabula. The Water Trail is an innovative opportunity to provide enhanced outdoor recreational access that will help paddle users experience Legendary North Dakota.

The water trail effectively responds to one of the primary needs identified in the ND State Comprehensive Outdoor Recreation Plan: Sixty-three percent of North Dakota households are interested in going to a park, natural area or green space to play on a playground, have a picnic, enjoy nature or relax, with fifty-four percent interested in visiting a modern park or natural area.

Statewide page 15: "Forty-five percent of households in North Dakota are interested in canoeing or kayaking. Waterways and designated paddling trails for canoeing or kayaking are primary weaknesses across the state.

Region 6 (primary region of trail) page 22: "Designated paddling trails and waterways for canoeing or kayaking are primary weaknesses in Region 6."

A Memorandum of Understanding detailing the cooperation between interested parties is in process. The document will develop and expand a framework that promotes the beneficial interests of the Sheyenne River Water Trail and to effectively promote, enhance and sustain the varying opportunities in the Sheyenne River Valley.

The MOU partnership includes:

1. North Dakota Parks and Recreation Department
2. USDA Forest Service
3. US Fish and Wildlife
4. Valley City Parks and Recreation
5. Valley City Convention and Visitors Bureau
6. City of Valley City
7. Barnes County Soil Conservation District
8. City of Kathryn
9. City of Fort Ransom
10. Fort Ransom Sportsman's Club
11. City of Lisbon
12. US Army Corps of Engineers
13. Barnes County Parks
14. Sheyenne River Valley National Scenic Byway
15. Sheyenne River Valley Chapter North County National Scenic Trail

Partners agree to use the designated, standard Sheyenne River Water Trail logo, approved kiosk signage and other signs for low-head dams, river miles, bridge signs, paddle landing trailhead kiosks, traffic directional signs and access points that are included in the sign plan as feasible and applicable. Signs shall be installed visible to the public using the Manual of Uniform Traffic Control Devices for design and standards for install. Partners also agree to maintain their signage and public access points identified in the Sheyenne River Water Trail MOU and Water Trail Management Plan (currently under development) and shall market the Water Trail to the general public. This water trail will meet the National Park Service standards for National Water Trail designation.

The Partners agree to work collaboratively to uphold the Mission, Vision and Goal listed below. The **Mission** is to create a non-regulatory collaborative partnership committed to the coordination, development, promotion of the Sheyenne River Water Trail and public access which will increase outdoor recreation and promote strong and healthy citizens and communities.

The Partners' **Vision** is that the Sheyenne River will be known as a premiere water recreation area in central and southeast North Dakota.

The Partners' **Ultimate Goal** will be to develop a water trail that is nationally designated and recognized from the Sheyenne National Grassland in Richland County, through Ransom County to Baldhill Dam in Barnes County. This designation would complement the existing North Country National Scenic Trail (4,600 mile hiking trail traversing across 8 states to Sakakawea State Park in North Dakota. It runs parallel to much of the Sheyenne River) and the 63 mile Sheyenne River Valley National Scenic Byway.

We are looking to increase the recreational opportunities in the Sheyenne Valley as well as increase public awareness about the river. Growing tourism on the river will bring more people into our community businesses which will be great for our economies. It will provide another outdoor activity to help create healthier communities, one of our Governor's missions. The water trail will get people out in nature and hopefully inspire them to preserve the beauty around them.

Expected outcomes include:

- Accessible waterways, healthy communities, and enhanced economies.
- Comprehensive section maps for the public to navigate the water trail safely (low-head dams, access points, camping spots, portage locations and parking areas with public access).
- Valley City Convention & Visitors Bureau will maintain and update tourism-related marketing materials (including enhancement of the www.hellovalley.com website), provide business listings for Water Trail users, as well as promote events and activities along the water trail.
- Increased public awareness of the river ecosystem and how it supports wildlife.
- Establish a strong user group that will focus on sustainability of the water trail and preservation of nature.
- Become a National Park Service nationally designated and certified water trail.

Five year goals include:

- Printed map of the entire trail.
- Greenway development- Valley City and Lisbon are in the process of building permanent flood protection. Developing river user-friendly greenways is a priority.
- Create and sustain a not-for-profit organization, the grass roots SRWTA (Sheyenne River Water Trail Association), to oversee the continued development and maintenance of the Water Trail and host an Annual Meeting as applicable.
- Having annual events like RiverFest bring people together to enjoy each other and the river. Sheyenne RiverFest has grown to over 1000 people having a great time on the Sheyenne River. This year, the third annual event will be held August 5-8, 2021. We continue to break the World Record of paddle devices (non-motorized) launched on the Sheyenne. RiverFest included paddlers completing sections up and down the Sheyenne River, a Riverwalk complete with educational signs along the way, informational booths about boat safety etc., a river disc-golf event and free pontoon rides around the Hi-Line Bridge as well as drawings for awesome door prizes (art, kayaks, paddles and gift cards).
- It is expected that the annual RiverFest event will continue to generate revenue to help sustain the Water Trail long-term in addition to what partners have committed to in maintaining all paddle landings along the Sheyenne River as noted below.

Paddle Landings would be located as follows. Note some sites have multiple landings.

Access Point #	Name	Ownership/Management	Launch Type
1	Baldhill Dam	Army Corps. Of Engineers	2 Hand Launches
2	Faust Park	Barnes County	2 Hand Launches
3	US Fish Hatchery	US Fish and Wildlife	Hand Launch
4	Chautauqua Park	Valley City Parks and Rec	Developed Boat Ramp
5 *	Bjornson Golf Course	Valley City Parks and Rec	Hand Launch
6	Riparian Area	Barnes County Soil Conservation District	Hand Launch
7	Kathryn Dam	Barnes County Parks	Hand Launch
8 *	ND Highway#46/Little Yellowstone Park	Barnes County Parks	Hand Launch
9 *	Myron Hammer	ND Parks and Rec	Hand Launch
10	Fort Ransom State Park	ND Parks and Rec	Dock Launch
11	Sportsman Park	City of Fort Ransom	Developed Boat Ramp
12 *	Sportsman's Below Fort Dam	City of Fort Ransom	Hand Launch
13	Sandager Park	Lisbon Parks and Rec	Developed Boat Ramp

14	Ylvisaker Bridge Put-In	US Forest Service	Hand Launch
15	Brome Field	US Forest Service	Hand Launch
16	Mirror Pool	US Forest Service	Hand Launch
17	East River Pull-Out	US Forest Service	Hand Launch

The existing Fort Ransom State Park Landing is the only landing with a manufactured ADA floating paddle launch. Paddle Trail kiosks with paddle information and maps will be located at 17 of the landings. The four new landings (*) will add to the recreational options for North Dakota residents and visitors, providing for paddling trips of a greater variety of lengths and starting/ending points.

Although two landings have a concrete deck that could land boats, the primary development will be to provide opportunities for people with canoes, kayaks and paddle boards. The new landings will require significant investment, gravel, landing improvements, picnic tables, bike racks, trailhead signage/kiosks and or directional signage. Mileage markers will be placed strategically along the river to assist paddlers. Thirty two (38) of the fifty (50) bridges along the water trail will identify the bridge/road and have river miles posted. Six low head dams will have safety signage. Detailed improvements are listed on the enclosed Site plans for the new developed landings at Bjornson Golf Course, ND#46/Little Yellowstone, Myron Hammer and Sportsman's Park and additional specific improvements at the former Kathryn Dam site. Existing minimally developed landings will also require landing improvements to include: riprap, gravel, trailhead and directional signage, and strategic location of brochure racks, picnic tables and bike racks.

The ND HWY 46/Little Yellowstone Landing #10 on the map, is private land whereby a 25-year Recreational Use Easement has verbally been approved for landing improvements located on an approximate 1.8 acre site; the written easement will be signed upon approval of funding. The Water Trail Partners will develop the site, utilizing Little Yellowstone Park for potable water, restroom and camping amenities for this strategically placed new landing. Site maintenance will be provided by the Barnes County Park Board.

The Hammer landing, #11 on the map, is private land whereby a 25-year Recreational Use Easement has been verbally approved for improvements located on an approximate 1.5 acre site; the written easement will be signed upon approval of funding. The Water Trail Partners will develop the site with fencing and gates as required by the owner and site amenities needed for this strategically placed new landing. Site maintenance will be provided by Fort Ransom State Park.

Improvements at new and existing paddle landing sites will complement the Barnes County Soil Conservation District's completion of a new Paddle Landing along with a concrete privy, at a cost of over \$29,973 south of Valley City. As well as, the US Forest Service installed four (4) paddle landings at a cost of over \$16,826 in 2020 in the Sheyenne National Grassland (southern anchor) in Richland County.

Since the start of RiverFest over two years ago, partners are seeing increased use of the river and seeing more paddlers hauling bikes so that they can drop the bike off downstream at a respective landing, drive back upstream to a landing of choice, paddle a section of river, bike back to their vehicle and retrieve their paddle device.

An increase in rental requests caused a kayak kiosk to be purchased at a development cost of \$31,805. The kiosk has two - 2 person and 6 - single kayaks along with paddles and life jackets that can be rented and returned via an on-site credit card station. The kayak kiosk is operated by the Valley City Parks and Recreation Department and is located at the Bjornson Golf Course. Discussion has occurred with respect to purchase of a second kayak kiosk.

“Uses & Sources of Funds” lists line item improvements for which specifications and quotes have been obtained, in addition an Opinion of Cost was provided by KLJ, a local engineering firm for identified site improvements, permitting, Design and Construction Engineering.

The Water Trail Partnership has been working with advisors Brian Leaders and Holly Larson, Outdoor Recreation Planners from the National Park Service through a Rivers, Trails and Conservation Assistance (RTCA) program providing community assistance for locally-led park and trail development and conservation projects. The Sheyenne River Water Trail Partners applied for RTCA assistance in 2019. RTCA's involvement began in October 2019 and extends until May 2021 (a one year extension will be requested).

Associate Professor Matthew Kirkwood, Landscape Architecture Chair at North Dakota State University, has been the lead, assisted by Morgan Kollman, Adjunct Professor, for specific design of logos, landing site drawings and preliminary mapping. NDSU Landscape Architecture Department was contracted through the NPS' Rivers, Trails and Conservation Assistance program.

Both parties are extensively involved in the development of a comprehensive Water Trail Plan. Water Trail Partner Committee meetings started out quarterly, then went to monthly and recently have been held weekly.

KLJ Engineering, Valley City, ND has been engaged in preliminary mapping of landing/bridge locations, and determining Estimates of Cost for landing improvements related to topsoil removal, concrete, gravel/culvert improvements etc. They will be providing assistance with permitting to the ND Water Commission and US Army Corps of Engineers for landing construction, , construction engineering for improvements, mapping, assisting with the Master Sign plan specifications, providing construction staking for site, sign and amenity install and creating as-built files for the project.

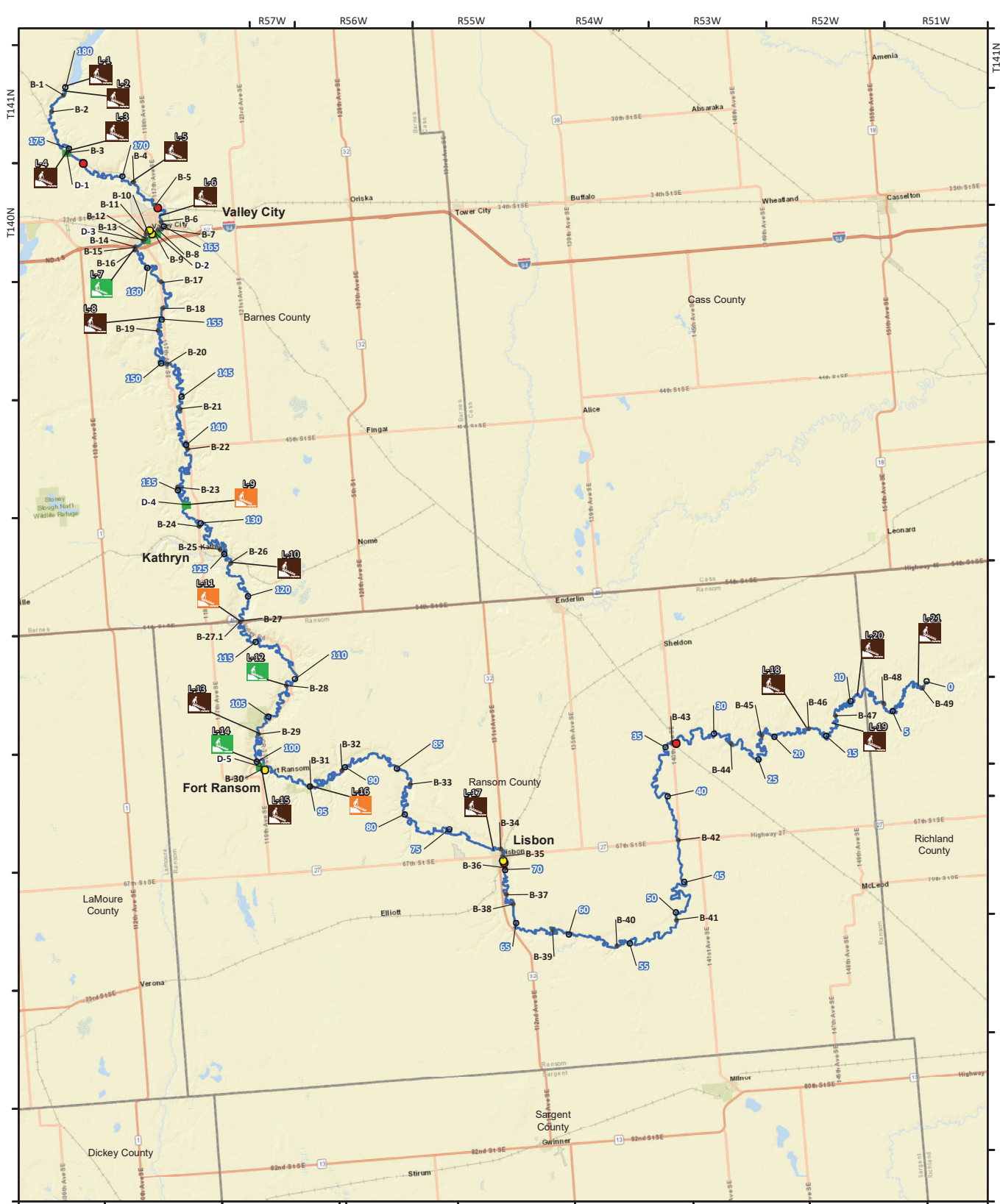
The Barnes County Park Board/Barnes County will serve as the political subdivision and fiscal agent. Bobby Koepplin, Barnes County Park Board and Sheyenne River National Scenic Byway Chairman, will lead the project construction with assistance from key partners including: Tyler Modlin, Fort Ransom State Park; Scott Tichy, US Army Corps of Engineers; Aaron Gaither, US Forest Service; Mary Lee Nielson, Valley City Convention and Visitors Bureau; Holly Larson, National Park Service; and Matt Kirkwood, NDSU Landscape Architecture Department.



Sheyenne River Water Trail Uses & Sources of Funds

BUDGET INFORMATION

<i>Uses of Funds</i>		<i>Sources of Funds</i>			
				ND Outdoor	
<i>Description</i>	<i>Total</i>	<i>Local Match</i>	<i>Garrison</i>	<i>Heritage</i>	<i>RTP</i>
Signage: 19 landing and directional, 6 safety (low head dam), 38 bridge, 75 mileage signs installed along 180 mile route	\$97,710.00	\$2,500.00		\$73,000.00	\$22,210.00
Trailhead Kiosks: 13 sets (information and maps) installed	\$69,745.00		\$12,436.00	\$37,309.00	\$20,000.00
Brochure Holders: 12 trailhead kiosks with 3 place racks per kiosk	\$6,840.00		\$1,710.00		\$5,130.00
Bike Racks: 8 with 5 bike capacity installed at 8 landings	\$6,932.00		\$1,387.00		\$5,545.00
Life jacket/backpack hanging stations: 6	\$2,807.00		\$702.00		\$2,105.00
Landing improvements: KLJ Opinion of Cost Attached	\$90,200.00		\$7,650.00	\$41,275.00	\$41,275.00
Picnic Tables: 10 tables (2 each) at 5 landings	\$6,870.00		\$1,717.00		\$5,153.00
Concrete Privy: 1 at Hammer Site (will match existing privies)	\$22,386.00		\$5,596.00		\$16,790.00
Backhoe, compacted gravel base, compacted clay backfill and install					
Gates: 3 - 14' gates, 1 - 8' gate w spring closure delivered (Hammer Site)	\$2,125.00		\$281.00	\$850.00	\$994.00
Barb wire cattle fencing and gate install (Hammer Site)	\$5,365.00		\$1,341.00	\$2,146.00	\$1,878.00
Garbage receptacles/w domes: 2 concrete mounted (Hammer Site)	\$2,505.00		\$626.00		\$1,879.00
Easement: 25 year (Hammer Site)	\$5,000.00	\$2,500.00			\$2,500.00
In-Kind: Labor, equipment and mileage (kiosk & sign delivery & install oversight)	\$4,000.00	\$4,000.00			
Preliminary Engineering: KLJ	\$3,000.00	\$3,000.00			
Construction Engineering: Breakdown Noted in Opinion of Cost	\$43,500.00	\$6,774.00	\$11,750.00	\$13,420.00	\$11,556.00
Project Administration & Management: Bids and contracts	\$10,000.00	\$10,000.00			
Contingency	\$5,000.00		\$1,000.00	\$2,000.00	\$2,000.00
TOTAL PROJECT COST	\$383,985.00	\$28,774.00	\$46,196.00	\$170,000.00	\$139,015.00
			Submitted	Pending	Pending
Sources of Funds	Cash	In-kind	Pending		
Ransom County Park Board	\$2,500.00				
Barnes County Park Board	\$1,000.00	\$1,000.00			
City of Valley City	\$1,000.00				
Food and Beverage Tax: City of Valley City			\$7,000.00		
VC/BC Dev Corp Bush/Byway Grant	\$9,774.00				
Water Trail Partners in 3 Counties & Byway Riverfest	\$3,500.00	\$3,000.00			
Total Funds	\$17,774.00	\$4,000.00	\$7,000.00	\$28,774.00	Total
Vendors and contractors are concerned with pricing, therefore, there are contingency funds identified in the budget as the quotes provided for the budgeted items are only good "Day of Quote" or for 30 days due to volatility of metal, wood and concrete pricing related to Covid-19.					



Sheyenne River Water Trail

Hand Launch Sites

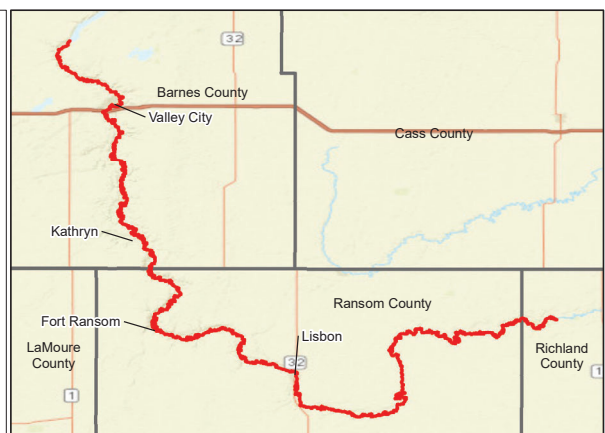
- L-Existing
- L-New
- L-Future

- Bridge (B-#)
- Foot Bridge
- Railroad
- Dam (D-#)

River Miles (#)

Sheyenne River

0 2.5 5 10 Miles



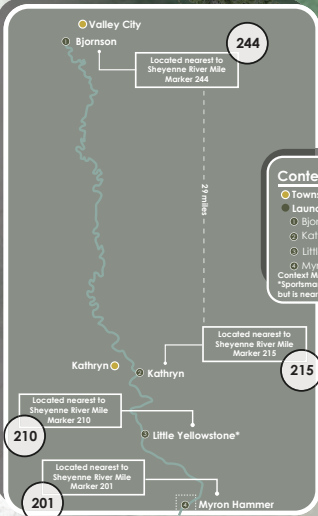
CONCEPT BJORNSON GOLF COURSE LANDINGS

SCALE | 1:70

Site Developed Acreage:
Approx. 0.10 acres



Sheyenne River Water Trail
Partial Context Map | Paddle Launch Sites



Context Key

- Towns
- Launch Sites
- Bjornson
- Kathryn
- Little Yellowstone
- Myron Hammer

Context Map is NOT to scale
*Sportsman Landing is not indicated on map
but is nearest river mile 191

Existing Gravel Lot
13,385 sq. ft.

Bjornson Municipal
Golf Course

Woodland
Steakhouse

14th St SW

Existing Paved Lot

Kayak Rental Station

Info. Kiosk w/ paddle & jacket
hanging stand



Material	Quantity
Rip-Rap (8"-12")	Approx. 1,700 sq ft @ 4"D (21 cy)
Gravel Walks to River Access	2,370 sq. ft @ 4"D (29.5 cy)
Paddle & Life Jacket Hanging	(2) 8' x 4 posts with 2 - 4' 2 x 6 cross pieces with 4 hangers - treated wood. Located @ pedestrian access walks
Informational Kiosk	(1) Typ. w/ (2) 44"x44" panels
Kayak Rental Station	(1) Typ. iPaddle Sharing 8-Unit Station

6' W Pedestrian
Water Access

Seasonal
Bridge

Primary North Gravel Launch
Bench-cut across rip-rap

Secondary South Gravel Launch
Additional rip-rap for shoreline stabilization

6' W Pedestrian Water Access

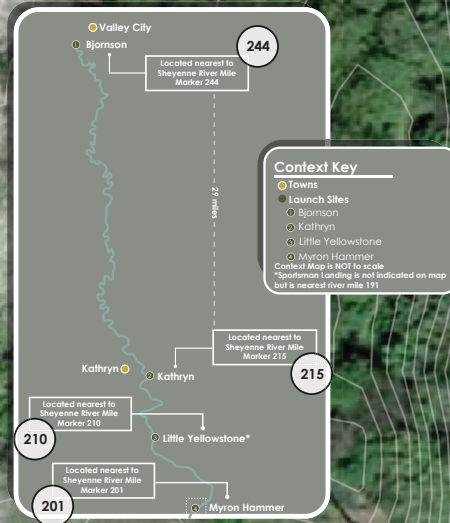
CONCEPT KATHRYN LANDING

SCALE | 1:100

Site Developed Acreage:
Approx. 0.20 acres



Sheyenne River Water Trail
Partial Context Map | Paddle Launch Sites



Former Lowhead Dam
*0.05 mi upstream

Existing Footpath
approx. 8' W (needs revitalizing)

Former Lowhead Dam Access
(currently overgrown)

Info. Kiosk w/ paddle &
jacket hanging stand

Nearest Launch
River Mile

Existing Gravel Lot
approx. 6,800 sq ft.

Material	Quantity
Gravel Footpath	Approx. 2,250 sq ft @ 3" D (21 cy)
Paddle & Life Jacket Hanging	(1) 8' 4 x 4 posts with 2 - 4' 2 x 6 cross pieces with 4 hangers - treated wood. Located @ pedestrian access walks
Informational Kiosk	(1) Typ. w/ (2) 44"x44" panels

Existing Structures

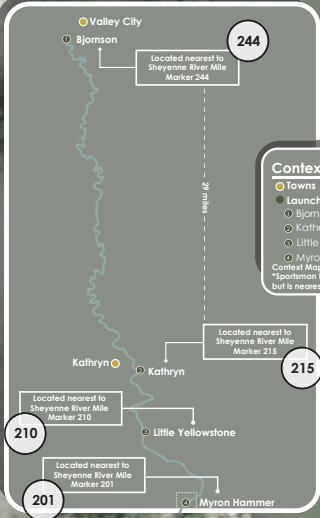
CONCEPT ND HWY 46/LITTLE YELLOWSTONE LANDING

SCALE | 1:80

Site Developed Acreage:
Approx. 0.50 acres



Sheyenne River Water Trail
Partial Context Map | Paddle Launch Sites



Context Key
● Towns
● Launch Sites
○ Bjornson
○ Kathryn
○ Little Yellowstone
○ Myron Hammer
Context Map is NOT to scale
*Sportman Landing is not indicated on map but is nearest river mile 191

Nearest Launch
River Mile

210

ND Hwy 46

Paddle & Jacket
Hanging Post

Rip-Rap
River Access

8'W Pedestrian Trail Access

15'W Gravel Pulloff Lot
Clay Fill, Topsoil & Seeding

Info. Kiosk

Proposed

Existing

Existing Road Access

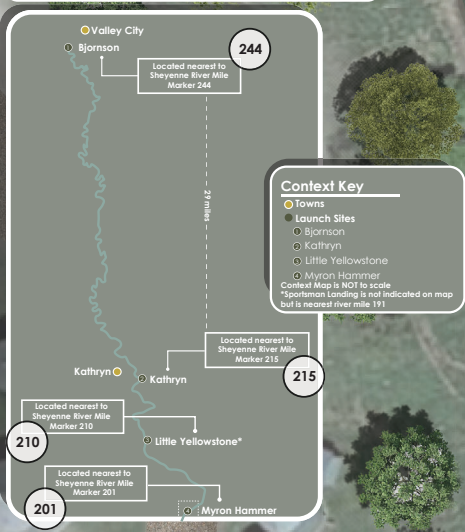
Material	Quantity
Rip-Rap (8"-12")	Approx. 600 sq ft @ 4"D (~7.5 cy)
Rip-Rap (2"-5")	Approx. 880 sq ft @ 4"D (~11 cy)
Paddle & Life Jacket Hanging	(2) 8' x 4 posts with 2 - 4' 2 x 6 cross pieces with 4 hangers - treated wood. Located @ pedestrian access walks
Gravel Pull-off & Ped. Walk	5,310 sq. ft @ 4"D (65.5 cy)
Informational Kiosk	(1) Typ. w/ (2) 44"x44" panels
Clay Fill @ Pull-off Lot	600 cy
Topsoil & Seeding @ Pull-off Lot	30 cy

CONCEPT HAMMER LANDING

SCALE | 1:80



Sheyenne River Water Trail
Partial Context Map | Paddle Launch Sites

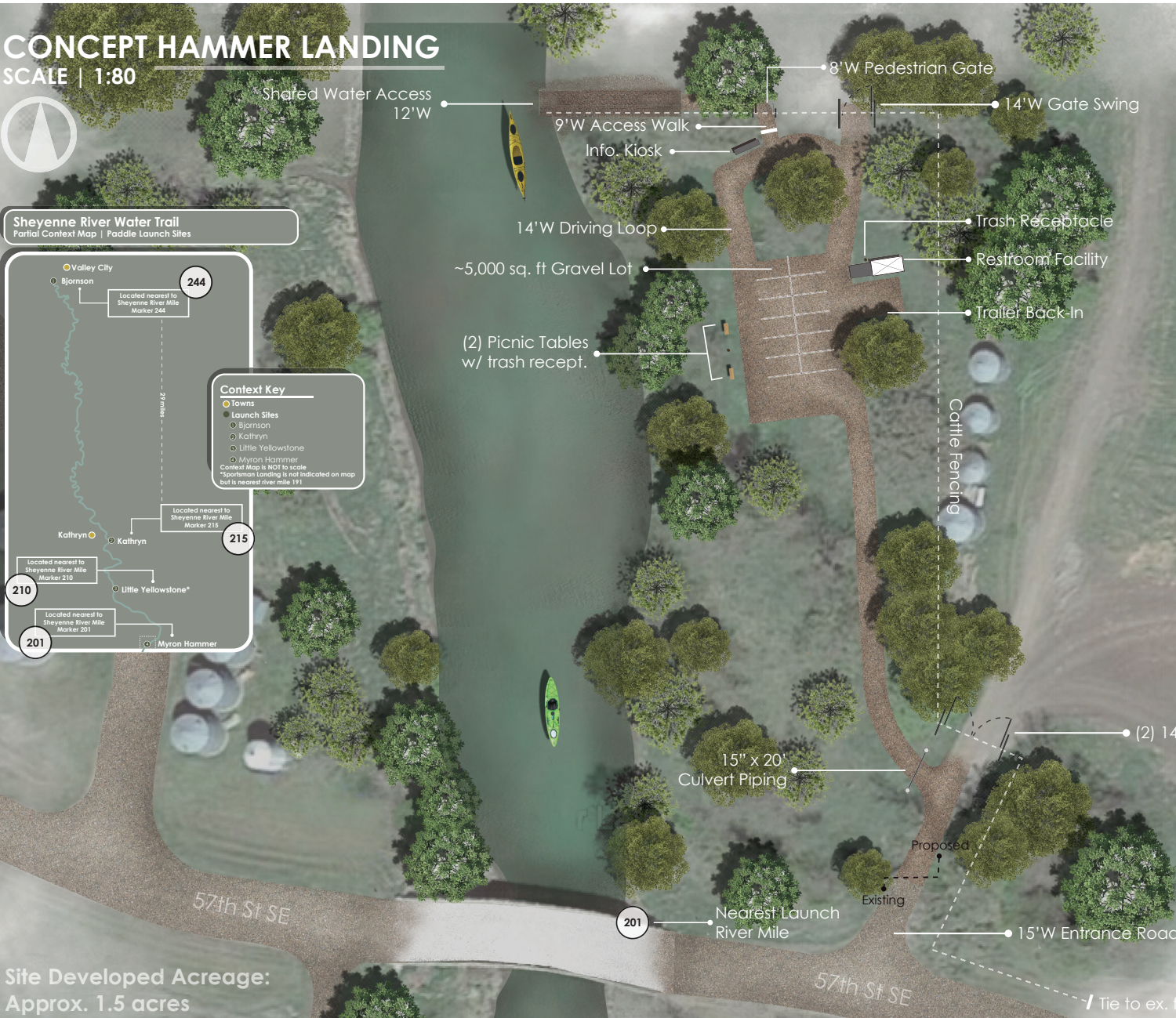


Context Key

- Towns
- Launch Sites
- Bjornson
- Kathryn
- Little Yellowstone
- Myron Hammer

Context Map is NOT to scale
*Sportsman Landing is not indicated on map but is nearest river mile 191

Site Developed Acreage:
Approx. 1.5 acres



Existing Facility Model at
Clausen Spring Park for reference

Material	Quantity
Picnic Table	(2) Model #82BGW, 2 3/8" Galvanized Picnic Table w/Southern Yellow Pine
Gravel Drives, Walks & Lots	12,160 sq. ft @ 4"D (151 cy) + (0.56 cy) under floating conc. sidewalk @ 3"D
Restroom Facility	(1) typ. 6'10"W x 14'8" L
Rip-Rap (8"-12")	approx. 1,000 sq ft @ 4"D (13 cy)
Cattle Fencing	(726 lf) Five-strand Barbwire w/ 6' T-Posts
14' Gate Swing	3
Trash Receptacle & Lid	(2) 32 gal. Expanded Metal Model #995-131 (2) 32 gal. Dome Lid Model # Dome Lid Color: Brown
15" x (20 ft) culvert piping	located @ new launch site entrance
Floating Sidewalk	60 sq ft (6'x10') @ 4"D (~0.74 cy)
Informational Kiosk	(1) Typ. w/ (2) 44"x44" panels
Paddle & Life Jacket Hanging	(2) 8' x 4 posts with 2 - 4' 2 x 6 cross pieces with 4 hangers - treated wood. Located @ pedestrian access walk
8' Spring Loaded Gate Swing	(1) @ pedestrian kayak launch entrance

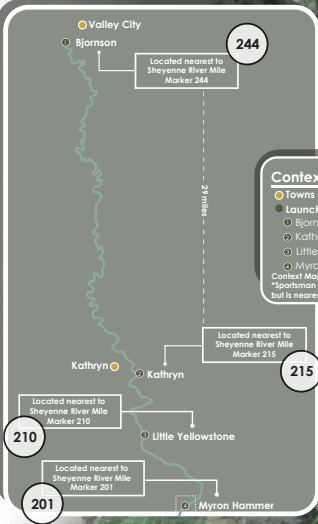
CONCEPT SPORTMAN'S LOWER LANDING

SCALE | 1:80

Site Developed Acreage:
Approx. 0.05 acres



Sheyenne River Water Trail
Partial Context Map | Paddle Launch Sites



Context Key

- Towns
- Launch Sites
- Bjornson
- Kathryn
- Little Yellowstone
- Myron Hammer

Context Map is NOT to scale
*Sportsman Landing is not indicated on map but is nearest river mile 191

Existing Take-Out Landing

Paddle & Jacket Hanging Post

Info. Kiosk

8' W Pedestrian Trail Access

Rip-Rap River Access

Paddle Landing Pad (460 sq ft)

Existing Dam

Nearest Launch River Mile

191

Material	Quantity
Rip-Rap (8"-12")	Approx. 460 sq ft @ 4"D (~5.7 cy)
Fine Rip-Rap/Gravel	Approx. 765 sq ft @ 4"D (~9.5 cy)
Paddle & Life Jacket Hanging	(2) 8' x 4 posts with 2 - 4' 2 x 6 cross pieces with 4 hangers - treated wood. Located @ pedestrian access walks
Informational Kiosk	(1) Typ. w/ (2) 44"x44" panels



Sheyenne River Water Trail Project Pictures



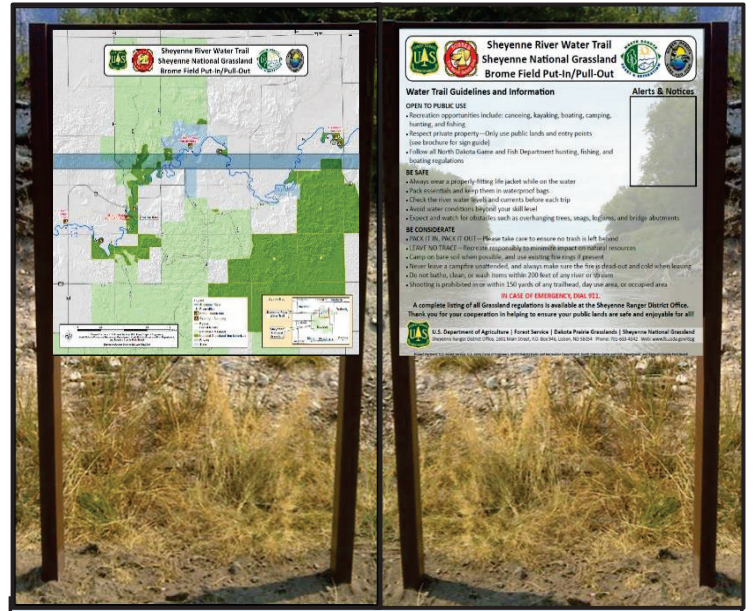
Existing Sheyenne River Water Trail Ylvisaker Bridge landing in the Sheyenne National Grassland



Bike racks to be installed at 8 landings



Privy to be installed at Hammer landing site



Examples of trailhead signage



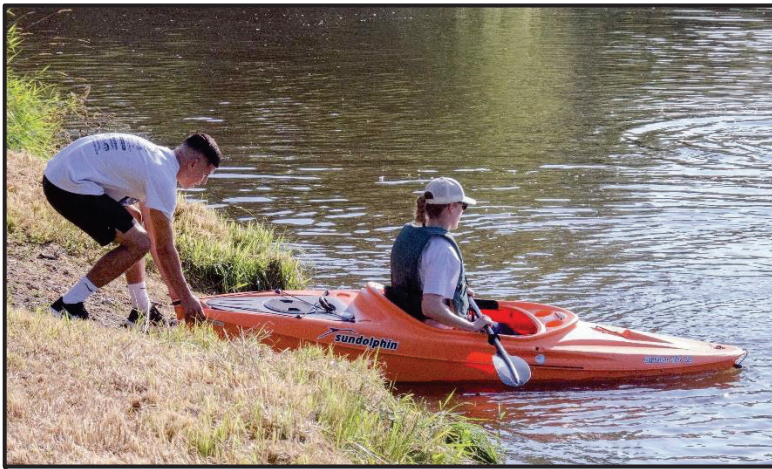
Directional signage



Directional signage



Safety signage



Current Fish Hatchery landing



Low head dam (with low water) near current launch site; in need of safety signage



Current access to Grassland landing



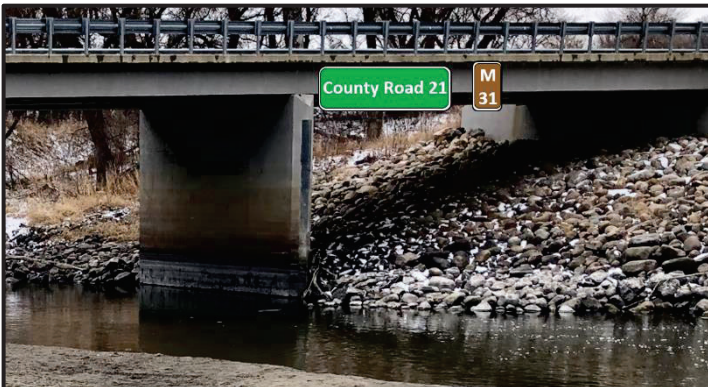
Current signage at Faust Park landing



Riverbank of the Sheyenne (low water)



Fort Ransom State Park ADA launch access



Example of bridge signs



United States Department of the Interior
NATIONAL PARK SERVICE
Interior Regions 3, 4, 5
601 Riverfront Drive
Omaha, NE 68102

8.B(IR345-RTCA)

April 27, 2021

Ms. Karlene Fine
Industrial Commission
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, North Dakota 58505-0840

Dear Ms. Fine:

The National Park Service's Rivers, Trails, and Conservation Assistance Program (RTCA) supports the Barnes County Park Board's application for a North Dakota Outdoor Heritage Fund grant for development of the Sheyenne River Water Trail.

Our Midwest Regional staff for RTCA has been working with the water trail partners, including Barnes County, Fort Ransom State Park staff, Sheyenne National Grassland staff, Army Corps of Engineers staff and others since November 2019 on the planning, mapping and design for the water trail. This project will create a 180-mile water trail by adding four canoe/kayak launch sites; improving other launch sites; and adding directional signage from highways to the launch sites, and wayfinding and safety signage along the river for safe navigation. By improving the launch sites and making them easier to find, this project will also provide access to 180 miles of river for sportsmen. The project therefore meets at least two of your directives for funding.

The project will be implemented through a unique partnership between five federal agencies, four cities, the North Dakota Parks and Recreation Department, the County, the Sheyenne River Valley National Scenic Byway, and other local governments and non-profit organizations, called the Sheyenne River Water Trail Advisory Council. The number and range of partners indicates the value of the water trail in helping meet agency and organization goals for increasing recreational opportunities and access to rivers.

The National Park Service RTCA staff at the Minnesota Field Office will continue to work with the County and other partners to do what we can to help ensure the project's success. We urge your support of this worthwhile project.

Sincerely,

Holly Larson
Outdoor Recreation Planner

cc:
Ms. Andrea Pfennig
Industrial Commission
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, North Dakota 58505-0840

Ransom County Auditor

Nicole Gentzkow, County Auditor

P.O. Box 668 | Lisbon, ND 58054-0668


t. 701.683.6113 | f. 701.683.5827

Nicole.Gentzkow@co.ransom.nd.us

March 23, 2021

The Ransom County Commission supports the Water Trail and approves the installation of signage by the Water Trail as follows: Water Trail and directional signage on either side of landings as applicable along County Roads and bridge signage (identifying the bridge and water trail mileage) as recommended by the County Engineer and approved by the County Highway Department, Superintendent. The Water Trail partners shall be responsible for fabrication, install and maintenance of water trail signage.

The Ransom County Commission voted unanimously to also provide \$2,500 from the County Park Board to support the project.



Nicole Gentzkow

Ransom County Auditor

RICHLAND COUNTY ADMINISTRATION

418 2ND AVE. N.
WAHPETON, ND 58075
701-642-7700
Fax: 701-642-7701

The Richland County Commission hereby supports the Sheyenne River Water Trail and application for grants applied to the Garrison Diversion Conservancy District Recreation Grant, ND Outdoor Heritage Fund and Recreational Trails Program Grant.

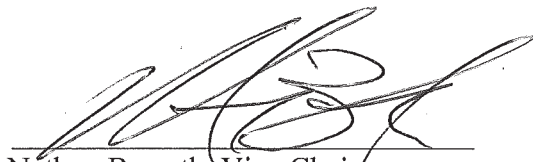
The County Commission also approves the installation of signage by the Sheyenne River Water Trail as follows: Water Trail and directional signage on either side of landings as applicable along County Roads and bridge signage (identifying the bridge and water trail mileage) as recommended by KLJ and approved by the County Highway Department Superintendent. The Water Trail partners shall be responsible for fabrication, installation, and maintenance of water trail signage.

Attest:

Approved:



Sandy Fossum
Richland County Auditor



Nathan Berseth, Vice Chairman
Richland County Commission



March 24, 2021

North Dakota Outdoor Heritage Fund
Attention: North Dakota Outdoor Heritage Fund Advisory Board
State Capitol, 14th Floor - 600 E Boulevard Ave Dept 405
Bismarck, ND 58505-0840

Dear Advisory Board Members:

The Valley City-Barnes County Development Corporation respectfully requests your support of the Sheyenne Water Trail grant to assist in creating a new water trail. The trail goes from Baldhill Dam to the east edge of the Sheyenne Grassland. It includes three counties. The Water Trail Committee is

applying for grants from the Garrison Diversion, the ND Outdoor Heritage Fund and the Recreational Trail Program Grant. The Development Corporation strongly supports this project and is providing nearly \$12,000 to help with the trail's development.

The ultimate goal is to secure a national water trail designation from the National Park Service. The grants will be used to improve fifteen existing landings and develop four new landings now with the possibility of two more in the future. The Water Trail Committee has broad based support with 15 partner agencies, as shown in the grant application, involved in developing a Memorandum of Understanding and being engaged in the project.

This trail would enhance amenities in the Sheyenne River Valley, which are important to economic development efforts to entice workers to our area and retain them. Tourists would have another great reason to stay longer and area residents could experience enriched quality of life. Communities in three counties would benefit through increased usage of the Sheyenne River and the economic activity generated by residents and tourists who bring new dollars to the area.

Please consider and approve the grant request from the Sheyenne River Water Trail Committee to support development of the water trail. Thank you.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Feist". The signature is fluid and cursive.

Jennifer Feist
Director of Development



Sheyenne River Valley National Scenic Byway
Rosebud Visitor Center
250 Main Street West
Valley City, ND 58072
www.hellovalley.com

March 22, 2021

Dear Advisory Board,

Amenities in the Sheyenne River Valley are important to our many visitors. We have people from all 50 states and many countries engaging in and travelling along the 63 mile Sheyenne River Valley National Scenic Byway and hiking the North Country National Scenic Trail. Adding a National River Trail to the area would enhance our outdoor experiences from another direction, providing an opportunity for local residents and visitors to take in the beauty of the Sheyenne River Valley from the river. Long term the development of a Water Trail will have a positive economic impact on our small rural communities located along the Sheyenne River.

In 2019, we started to work on a coalition to create an annual river festival - Sheyenne RiverFest to be held in August. It involves folks up and down the Sheyenne River Valley from Lake Ashtabula in Barnes County, through Ransom County and to the National Grassland east of Lisbon in Richland County.

Our intention is to educate and connect people to the river. Sheyenne River Water Trail Committee formed to fill the need for canoeing/kayaking amenities along the Sheyenne River. Water Trail Partners including the US Army Corps of Engineers, Valley City Convention & Visitors Bureau, Barnes County Wildlife Federation, SRV Byway, SRV Chapter of the North Country Trail, Barnes County Parks, Fort Ransom State Park, City of Lisbon, and Sheyenne National Grassland provide expertise on developing the project - including mapping, conceptual planning, and sustainability for a Sheyenne River Water Trail.

Your review, consideration and approval of the Sheyenne River Water Trail project through the North Dakota Outdoor Heritage grant program would be greatly appreciated. Thank you.

Sincerely,

Bobby Koepplin

Bobby Koepplin, Chairperson
Sheyenne River Valley National Scenic Byway Committee
Phone: 701-840-0250
Email: bkoepplin@msn.com



Convention & Visitors Bureau
250 Main St W – P.O. Box 724
Valley City, ND 58072-0724
(701) 845-1891
www.hellovalley.com
The Most Beautiful Town in
ND!

March 24, 2021

To Whom It May Concern,

The Convention & Visitors Bureau is charged with bringing people to Valley City and enticing them to stay several days. The Sheyenne Water Trail will be another great amenity giving visitors a reason to stay in the Sheyenne Valley. We are the primary sponsors for RiverFest, a multiple day festival that includes a non-motorized water craft launch at the sites that will be improved by this grant. We also look forward to adding more launching sites with the addition of new landings along the trail.

Please consider this grant to make a great recreational opportunity in the Sheyenne River Valley.

Sincerely,

Amy Pederson, Chairperson
Valley City Convention & Visitors Bureau



Sheyenne River Valley Chapter
North Country Trail Association
250 West Main Street
Valley City, ND 58072
Email: srv@northcountrytrail.org

March 2, 2021

To Whom It May Concern,

The North Country National Scenic Trail (NCT) is a 4,600 mile long trail that spans from Vermont to Lake Sakakawea, North Dakota and traverses through eight states. Approximately 432 miles of the trail pass through North Dakota, with a good number alongside the Sheyenne River.

A National Water Trail would complement current recreational opportunities in the Sheyenne River Valley; both NCT hikers and Scenic Byway travelers enjoy the amenities of the Sheyenne River. For example, a local National Trails Day event (held annually) features an approximated two-hour canoe/kayak event following a morning of hiking.

A National Water Trail would have a positive economic impact on rural communities along the Sheyenne River. Trail users would purchase supplies for their trip and then patronize local restaurants and lodging after their trip.

Your assistance with the development of the Sheyenne River Water Trail through a North Dakota Outdoor Heritage Fund Grant would be greatly appreciated. Thank you.

Sincerely,

Catherine Albert, Vice President
Sheyenne River Valley Chapter, North Country Trail Association
Phone: 701-650-9877
Email: calbert333@gmail.com



Outdoor Heritage Fund

Attention: North Dakota Outdoor Heritage Fund Advisory Board

State Capitol, 14th Floor - 600 E Boulevard Ave Dept 405

Bismarck, ND 58505-0840

To the Advisory Board:

The Lisbon Civic and Commerce Club requests your support of the Sheyenne Water Trail grant for developing the new water trail. Civic and Commerce understands that developing this amenity will give visitors another reason to stay longer in Lisbon and give our residents another recreational opportunity. Being a river community we appreciate the beauty of our area and are anxious to share it with others.

The Water Trail committee has wide based support with 15 partner agencies developing a Memorandum of Understanding. Their ultimate goal of national water trail designation from the National Park Service will be enhanced by improving fifteen existing landings and developing four new landings now with the possibility of two more in the future. This can happen with the support of your committee awarding funds for the project.

Please consider their water trail development grant request knowing that communities in three counties will benefit from the increased usage of the Sheyenne River by residents and will see more tourists bringing new dollars into the area.

Sincerely,

Connie Radcliffe
Lisbon C & C Executive Director
401 Forest St, Lisbon, ND
Ph. 701-683-5680

The Barnes County Commission met in regular session on Tuesday, March 2, 2021 with Cindy Schwehr, Vicky Lovell, Bill Carlbom, Pete Paulson, and Shawn Olauson present. Chairman Carlbom called the meeting to order at 8:00 a.m., the Pledge of Allegiance was recited, and the Agenda was reviewed.

Employee Policy Committee – Manual Update

Jamie Smith, Barnes County Employee Policy Committee Chairperson, informed the Commission that the committee met for the annual policy review, and no changes to the policy manual were recommended at this time. Cindy Schwehr moved to adopt the policy manual as presented; Shawn Olauson seconded the motion. Motion carried upon roll-call vote, with all members voting "yes".

Valley City Fire Hall Addition - Update

Scott Magnuson, Valley City Fire Department, presented updated costs for the Valley City Fire Hall Addition and asked for a commitment from the County. The Commission requested follow-up with possible funding sources prior to making a decision.

Auditor – Minutes

Shawn Olauson moved to approve the February 16, 2021 minutes; Vicky Lovell seconded the motion. Motion carried.

Commission Discussion

Commission discussion included the Hazard Mitigation Plan update meeting, Water Resources, City-County Health District, Airport, Library, and South Central Dakota Regional Council.

Commission Discussion

Bobby Koeplin, Barnes County Park Board Chairman, informed the Commission that grant funds are needed for the development of the Sheyenne River Water Trail, including new paddle landings and upgrading of existing paddle landings, road and directional signage, low head dam signage, a concrete privy, picnic tables, parking areas and fencing, as applicable, and presented the following Resolution 2021-1:

Barnes County Resolution 2021-1

Support of Sheyenne River Water Trail Project

The Barnes County Commission hereby supports the Sheyenne River Water Trail and approves and authorizes the Barnes County Park Board to be the political subdivision applicant for grants applied to the Garrison Diversion Conservancy District Recreation Grant, ND Outdoor Heritage Fund and Recreational Trails Program Grant.

The County Commission also approves the installation of signage by the Water Trail as follows: Water Trail and directional signage on either side of landings as applicable along County Roads and bridge signage (identifying the bridge and water trail mileage) as recommended by Kadmas, Lee and Jackson and approved by the County Highway Department Superintendent. The Water Trail partners shall be responsible for fabrication, installation, and maintenance of water trail signage.

Attest:



Beth M Didier
Barnes County Auditor

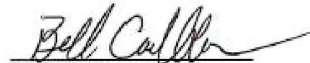
Approved:

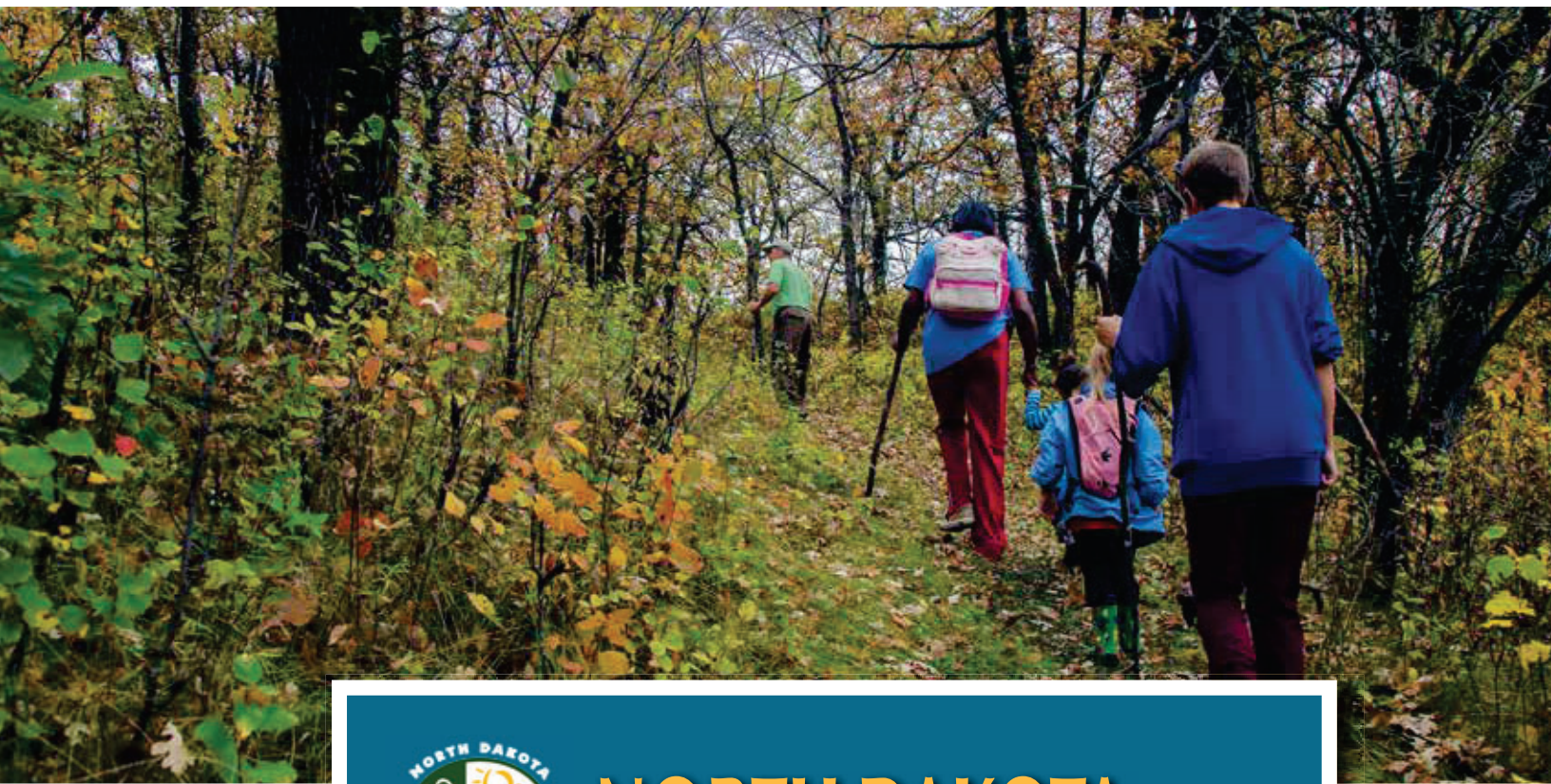

Bill Carlbom, Chairman
Barnes County Commission

Cindy Schwehr moved to pass the Resolution 2021-1; Bill Carlbom seconded the motion. Motion carried upon roll-call vote, with all members voting "yes".

With no further business, Pete Paulson made a motion, seconded by Vicky Lovell, to adjourn the meeting. Motion carried unanimously, and the meeting was adjourned at 9:06 a.m.


Beth M Didier
Barnes County Auditor


Bill Carlbom, Chairman
Barnes County Commission



NORTH DAKOTA

State Comprehensive Outdoor Recreation Plan

2018-2022





NORTH DAKOTA

State Comprehensive Outdoor Recreation Plan

2018-2022

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State of North Dakota

Doug Burgum, *Governor*

North Dakota Parks and Recreation Department

Melissa Baker, Ph.D., *Director*

Matt Gardner, *Recreation Division Manager*

Kevin Stankiewicz, *Recreation & Trails Grant
Coordinator*

The mission of the North Dakota Parks and Recreation Department is to provide and enhance outdoor recreation opportunities through diverse parks and programs that conserve the state's natural diversity.

Acknowledgements: This publication was prepared by the North Dakota Parks and Recreation Department with Clearwater Communications. Winkelman Consulting surveyed North Dakota households and outdoor recreation providers and analyzed the resulting data included in this publication.

Photo Credits: North Dakota Parks and Recreation Department, Bismarck Parks and Recreation District, Bottineau Park District, Fargo Park District, Grand Forks Park District and Mandan Parks and Recreation.

Accessibility: The North Dakota Parks and Recreation Department's facilities, programs, and employment procedures are open to all, regardless of age, sex, race, color, disability, religion, national origin or political affiliation. Contact us prior to your visit if you need an accommodation for a disability. For more information, contact North Dakota Parks and Recreation Department, 1600 E. Century Ave. Suite 3, PO Box 5594, Bismarck, ND 58503; phone 701-328-5357; or Relay North Dakota TTY Service 800-366-6888.

EXECUTIVE SUMMARY

Abundant outdoor recreation opportunities are available to North Dakota's citizens and visitors, but a comprehensive plan for the state's outdoor recreation infrastructure is vital to ensure citizens and visitors have continued access to activities that improve North Dakota's quality of life, the health and well-being of its citizens and the conservation of its land, as well as grow the state's economy.

This *2018–2022 North Dakota State Comprehensive Outdoor Recreation Plan* (SCORP) was prepared by the North Dakota Parks and Recreation Department (NDPRD) and is a guide for managing and developing North Dakota's non-consumptive outdoor recreation infrastructure. It was financed in part by a planning grant from the National Park Service, U.S. Department of the Interior, under the provisions of the Land and Water Conservation Fund (LWCF) Act of 1965 (PL 88-578, as amended), with additional funding provided by the Recreational Trails Program and the state of North Dakota.

In 2017, households and outdoor recreation providers were surveyed to determine the demand for and supply of non-consumptive outdoor recreation in North Dakota. Ninety-three percent of households report outdoor recreation is important. Forty-nine percent of public providers in North Dakota report demand for outdoor recreation facilities and activities exceeds supply for their users.

Across much of North Dakota, demand for outdoor recreation opportunities exceeds the supply of accessible, high-quality infrastructure. Based on analysis of the demand for and supply of outdoor recreation in North Dakota, categories of facilities are prioritized for grant funding at the state level for 2018 to 2022.

Statewide Facility Priorities

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Swimming/Water Facilities	Shooting Sport Facilities
Playgrounds/Picnic Areas/Open Space Parks	Recreational Boating Facilities	Canoeing/Kayaking Facilities
Campgrounds	Winter Sports Facilities	Sports Courts/Fields
		Motorized Trails



The NDPRD, with input from the state's public outdoor recreation stakeholders, has identified an overarching goal with three supporting strategies to guide the development of North Dakota's outdoor recreation infrastructure over the next five years.

Goal: Enhance outdoor recreation across the state by educating and engaging North Dakotans to ensure diverse, affordable and accessible opportunities for citizens and visitors.

- Strategy: Educate North Dakotans about outdoor recreation.
- Strategy: Engage North Dakotans in outdoor recreation.
- Strategy: Expand outdoor recreation opportunities in North Dakota.

By educating and engaging North Dakotans, the state's public outdoor recreation providers will continue to strengthen and expand the infrastructure necessary to meet the demands of North Dakota's citizens and visitors for high-quality, affordable and accessible outdoor recreation opportunities.

Overview

Outdoor Recreation in North Dakota

Abundant outdoor recreation opportunities are available to North Dakota's citizens and visitors. The state's diverse landscape offers unlimited possibilities to experience the outdoors, from the rugged Badlands in the west to the forested hills in the north to the tallgrass prairie in the east. Distinct seasons provide a variety of outdoor experiences for those who enjoy the summer sun or the winter snow.

Outdoor recreation is essential to North Dakota's quality of life, improving the health and well-being of its citizens and promoting the conservation of its land. Outdoor recreation also contributes significantly to the state's economy as one of the primary drivers of tourism, North Dakota's third largest industry.

North Dakota's population is growing and its landscape is changing. Agriculture and energy remain the state's two largest industries – and development of both impacts the state's outdoor recreation opportunities. A comprehensive plan for North Dakota's outdoor recreation infrastructure is vital to ensure citizens and visitors have accessible and affordable opportunities to recreate in the state's diverse outdoors.

PLANNING

Hundreds of parks and facilities maintained by local, state, and federal government agencies, as well as nonprofit and for-profit providers, constitute the non-consumptive outdoor recreation infrastructure across North Dakota. Among them are trails, playgrounds, campgrounds, swimming pools and sport fields. Planning to meet current and future outdoor recreation needs is critical not only to ensure a high quality of life for North Dakotans but also to grow the state's tourism economy.

The North Dakota Parks and Recreation Department (NDPRD) is charged with developing long-range policies and plans for the state's outdoor recreation infrastructure. As part of this responsibility, the NDPRD must prepare a State Comprehensive Outdoor Recreation Plan (SCORP) every five years.

The 2018-2022 SCORP marks the state's 10th update of this publication, first prepared by the NDPRD in 1970. Through the SCORP development process, the



NDPRD evaluates the demand for and supply of outdoor recreation activities and facilities. Then, with input from stakeholders, the NDPRD sets statewide and regional priorities for outdoor recreation infrastructure, which are used to determine the allocation of state and federal grant funds. The SCORP establishes a guide for managing and developing North Dakota's outdoor recreation base – from land acquisition to infrastructure development – over a five-year period.

PLANNING REQUIREMENTS

Federal Law

The Land and Water Conservation Fund Act of 1965 (Public Law 88-578, as amended) was enacted "...to assist in preserving, developing and assuring accessibility to all citizens of the United States of America of present and future generations and visitors ... such quality and quantity of outdoor recreation resources as may be available and are necessary and desirable for individual active participation in such recreation and to strengthen the health and vitality of the citizens of the United States by (1) providing funds for and authorizing Federal assistance to the States in planning, acquisition and development of needed land and water areas and facilities...."

Further, as outlined in Section 6(d) of the Act, "A comprehensive statewide outdoor recreation plan shall be required prior to the consideration by the Secretary of financial assistance for acquisition or development projects."

To maintain eligibility for the Recreational Trails Program, the Federal Highway Administration, the program's administrator, requires states that receive grant funding to complete a statewide trails plan that addresses recreational trails. The SCORP's companion publication, *Recreational Trail Needs*, fulfills this requirement.

State Law

According to North Dakota Century Code (NDCC), the NDPRD shall "plan and coordinate government programs encouraging the full development and preservation of existing and future parks, outdoor recreation areas, and nature preserves."

More specifically, NDCC 55-08-03.1 requires the NDPRD to:

- "Undertake the development of broad recreation policies for the state as a whole and a long-range plan for their implementation."



- Initiate a continuing appraisal of the total state recreation resources, potentials, and needs and the adequacy of current efforts to meet the demands.
- Provide for the coordination and appraisal of related programs administered by all levels of government and by private enterprise."

FUNDING

Resources to support maintenance and expansion of North Dakota's outdoor recreation infrastructure are critical to meet user demands and diversify the economy. While user fees and taxes provide resources to develop outdoor recreation infrastructure, key grant programs are necessary to meet the outdoor recreation needs of the state's citizens and visitors.

FEDERAL SUPPORT

Land and Water Conservation Fund

In 1965, the State Assistance Program of the Land and Water Conservation Fund (LWCF) was created by Congress to stimulate a nationwide action program to assist in preserving, developing and assuring all United States citizens and visitors have access to quality outdoor recreation resources. It is funded by Outer Continental Shelf (OCS) mineral leasing receipts. The Gulf of Mexico Energy Security Act of 2006 (GOMESA) established permanent sharing of federal revenues from oil and natural gas leasing and production on the Gulf of Mexico OCS with a portion of the funds allocated to LWCF starting in fiscal year 2017. The LWCF program provides funds to states and through states to local governments through 50/50 matching grants for the acquisition and development of public outdoor recreation sites and facilities. The NDPRD manages North Dakota's LWCF program. Completion of the SCORP every five years is required to maintain eligibility for the LWCF grant program.



Recreational Trails Program

The Recreational Trails Program (RTP) is a program through which states can acquire 80/20 matching federal grant money for both motorized and non-motorized recreational trails. Established by the federal highway bill, the RTP is an assistance program of the Department of Transportation's Federal Highway Administration managed by the NDPRD. The program is funded from the Federal Highway Trust Fund, specifically from a portion of the motor fuel excise tax collected from non-highway recreational fuel use, including fuel used for off-highway recreation by snowmobiles, all-terrain vehicles, off-highway motorcycles and off-highway light trucks.

STATE SUPPORT

OHV Recreation Grant Program

Funded through state off-highway vehicle (OHV) registration fees, the OHV Recreation Grant Program is an 80/20 matching grant program offered through the NDPRD for construction, improvement or renovation of OHV recreation facilities throughout North Dakota, including trail signage and new development or renovation of OHV trails, bridges, trailhead facilities and trail linkages. A 100% grant is available for law enforcement agencies that need financial assistance to enforce OHV laws.

Community Grant Program

Established in 2009, the state Community Grant Program is modeled after the federal LWCF program and funded periodically through legislative appropriation. Managed by the NDPRD, the 50/50 matching grant program provides funds to political subdivisions for the development or renovation of outdoor recreation facilities, as well as tapered funding for recreation program development.

Outdoor Heritage Fund

The North Dakota Outdoor Heritage Fund, established in 2013, receives up to \$40 million per biennium from the state's oil and gas production tax. The fund, under the oversight of the North Dakota Industrial Commission, provides 75/25 matching grants to state agencies, tribal governments, political subdivisions and nonprofit organizations, with higher priority given to projects that enhance conservation practices in this state by:

- Directive A – Providing access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;
- Directive B – Improving, maintaining and restoring water quality, soil conditions, plant diversity, animal systems and by supporting other practices of stewardship to enhance farming and ranching;
- Directive C – Developing, enhancing, conserving and restoring wildlife and fish habitat on private and public lands; and
- Directive D – Conserving natural areas and creating other areas for recreation through the establishment and development of parks and other recreation areas.

Other State Agency Grant Programs

Other state agencies provide grants and additional resources that support the development and promotion of outdoor recreation opportunities, including but not limited to the North Dakota Game and Fish Department, North Dakota Forest Service, North Dakota Department of Transportation, North Dakota Department of Commerce Tourism Division and North Dakota Council on the Arts.

OTHER SUPPORT

Local government agencies, nonprofit organizations and foundations support outdoor recreation infrastructure in North Dakota, including but not limited to United States Tennis Association Northern, Garrison Diversion Conservancy District and local sports associations.

Demand and Supply

Outdoor Recreation in North Dakota

Through the years, North Dakotans have consistently acknowledged the importance of outdoor recreation opportunities across the state. At the same time, public providers of the state's non-consumptive outdoor recreation infrastructure have strived to provide high-quality affordable and accessible opportunities to meet the needs of both citizens and tourists.

ASSESSMENT OF NEED

To determine the demand for and supply of non-consumptive outdoor recreation in North Dakota, two distinct surveys were undertaken in 2017.

First, a survey of North Dakota households was conducted to assess interest in outdoor recreation activities and to identify the perceived quantity and quality of facilities for these activities. In March 2017, 800 North Dakotans over the age of 18 were surveyed by telephone, resulting in a 95% confidence level with a maximum margin of error of $\pm 3.5\%$.

Second, a survey of North Dakota's public outdoor recreation providers was completed to assess perceived demand for facilities, to inventory the quantity and condition of existing facilities and to solicit input on future needs for facilities. In March 2017, 65 percent of North Dakota's 314 providers (206) completed the mail survey, resulting in a 95% confidence level with a maximum margin of error of $\pm 4.0\%$.

North Dakota's outdoor recreation infrastructure – parks, campgrounds, trails and other facilities – have different levels of amenities or support facilities. For both the household and provider surveys, the following definitions were utilized:

- Modern: Amenities such as restrooms, electricity and running water are available.
- Semi-modern: Limited amenities such as restrooms without electricity or running water are available.
- Primitive: No amenities are available.



PERSPECTIVES FROM NORTH DAKOTANS

Six out of every 10 North Dakota households (60%) report outdoor recreation is very important, while 93% report it is important. Five percent more North Dakota households feel outdoor recreation is very important today compared to five years ago.

Importance of Outdoor Recreation

Very Important	60.1%
Important	32.4%
Not Important	7.2%
Not Sure	0.3%

Highest Interest Outdoor Recreation Activity Categories

The following broad categories of outdoor recreation activities offered at parks, sports complexes and recreation areas are of most interest to North Dakota households:

- Going to a park, natural area or green space to play, have fun, use a playground, enjoy nature or relax (63%) and picnicking (55%).
- Camping (61%).
- Using trails for walking, running, bicycling or horseback riding (61%).
- Using boats, pontoons or other personal watercraft for recreational boating other than fishing (54%) and canoeing or kayaking (45%).
- Swimming (51%).
- Skiing, snowshoeing, ice skating, sledding or similar winter activities (48%).
- Playing a sport (47%).
- Using a rifle or pistol range (47%).

Highest Interest Outdoor Recreation Activities

North Dakota households are most interested in the following specific types of outdoor recreation activities:

- Camping in a modern campground (54%), in an RV or camper (47%) and in a group campsite (46%).
- Visiting a modern park or natural area (54%), going to a park area or green space to play games, toss Frisbee or relax (50%) and picnicking at a small family site (47%).
- Using a modern trail (50%) or a paved multi-use (walking, jogging or bicycling) trail (49%).
- Using a boat ramp or landing for recreational boating (47%).
- Going to a designated swimming beach on a lake or river (45%).

Willingness to Travel for Outdoor Recreation Activities

North Dakota households are willing to travel to participate in some outdoor recreation activities, but others are most often undertaken close to home.

More than 50 Miles	Less than 2 Miles
Camping (72%)	Using a dog park or pet exercise area in park (29%)
Recreational boating (54%)	Using a skateboard park (28%)
Canoeing or kayaking (48%)	Playing disc or Frisbee golf (20%)
Snowmobiling on designated trails (47%)	Exercising or playing sports (20%)
Skiing, snowshoeing, ice skating, sledding or similar winter activities (38%)	



Highest-Rated Outdoor Recreation Facilities

Of those North Dakota households interested in participating in a specific outdoor recreation activity, the following facilities rate the highest (excellent or very good in both quality and quantity):

1. Golf courses (48%).
2. Playgrounds (45%).
3. Golf driving or practice ranges (42%).
4. Park areas or green spaces to play games, toss Frisbee or relax (41%).
5. Softball fields (39%).
6. Baseball fields (38%).
7. Group picnic shelters (38%).
8. Paved multi-use (walking, jogging or bicycling) trails (38%).
9. Smaller family picnic sites (35%).
10. Modern parks or natural areas with electricity, running water and restrooms (33%).

Lowest-Rated Outdoor Recreation Facilities

In contrast, the following outdoor recreation facilities rank lowest (poor in both quality and quantity, meaning it must be greatly improved or replaced) among those North Dakota households interested in participating in a specific activity:

1. Downhill skiing or snowboarding areas (60%).
2. Exercise trails with exercise machines or equipment at stations (58%).
3. Off-highway vehicle (ATV, dirt bike or side by side) trails (56%).
4. Designated sledding or tubing areas (55%).
5. Designated paddling trails for canoeing or kayaking (54%).
6. Archery ranges (52%).
7. Spray pools, wave pools or other specialty pools (51%).
8. Designated swimming beaches on lakes or rivers (50%).
9. Skateboard parks (49%).
10. Unpaved fat-tire bike trails (48%).

PERSPECTIVES FROM PROVIDERS

Public providers of outdoor recreation facilities in North Dakota include government agencies at the local, state and federal levels, as well as nonprofit organizations. Thirty-eight percent of reporting providers serve a geographic area with less than 1,000 people. Many providers do not have any full-time employees.

Overall, 49% of outdoor recreation providers report demand for facilities and activities exceeds supply for their users. Numerous facilities have more than 20% of providers reporting demand exceeds supply.

Outdoor Recreation Facilities Where Demand Exceeds Supply

The facilities for which the highest proportion of providers say demand exceeds supply include:

1. Paved multi-use trails (31%).
2. Modern campgrounds (30%).
3. RV/camper sites with electricity/water hookups (30%)
4. Unpaved multi-use trails (27%).
5. Playgrounds (27%).
6. Modern general purpose parks and recreation areas (26%).
7. Campgrounds with RV dump stations (23%).
8. Mountain biking trails (23%).
9. Off-highway vehicle (ATV, dirt bike or side by side) trails (22%).
10. Group picnic shelters (22%).

The largest proportion of providers rate the condition of most of their facilities as only adequate (moderate improvement needed) or poor (must improve greatly or replace). Twenty-five percent of providers report general improvement of existing facilities is particularly important.

Outdoor Recreation Facilities in Good Condition

The highest proportion of providers report the following existing outdoor recreation facilities are in good condition, meaning little or no improvement is needed:

1. Horse riding pens or corral areas (89%).
2. Specialty pools (84%).
3. Exercise trails (81%).
4. Pickleball courts (75%).
5. Group campsites (69%).
6. Mountain biking trails (66%).
7. 18-hole golf courses (65%).
8. Archery ranges (63%).
9. Dog parks or exercise areas in parks (62%).
10. Primitive campgrounds (61%).



Outdoor Recreation Facilities in Poor Condition

The outdoor recreation facilities providers report most in need of improvement or expansion to better meet the needs of their users include:

1. Regular swimming pools (26%).
2. Tennis courts (21%).
3. Swimming bathhouses (18%).
4. Multi-use paved trails (16%).
5. Horseshoe pits (14%).
6. Launch ramps without docks or slips for recreational boating (13%).
7. Amphitheaters (12%).
8. Ice rinks (12%).
9. Basketball courts (12%).
10. Skateboard parks (12%).

User Experience Enhancement at Outdoor Recreation Facilities

Providers report improving, expanding or adding the following amenities would most enhance users' experiences at their outdoor recreation facilities:

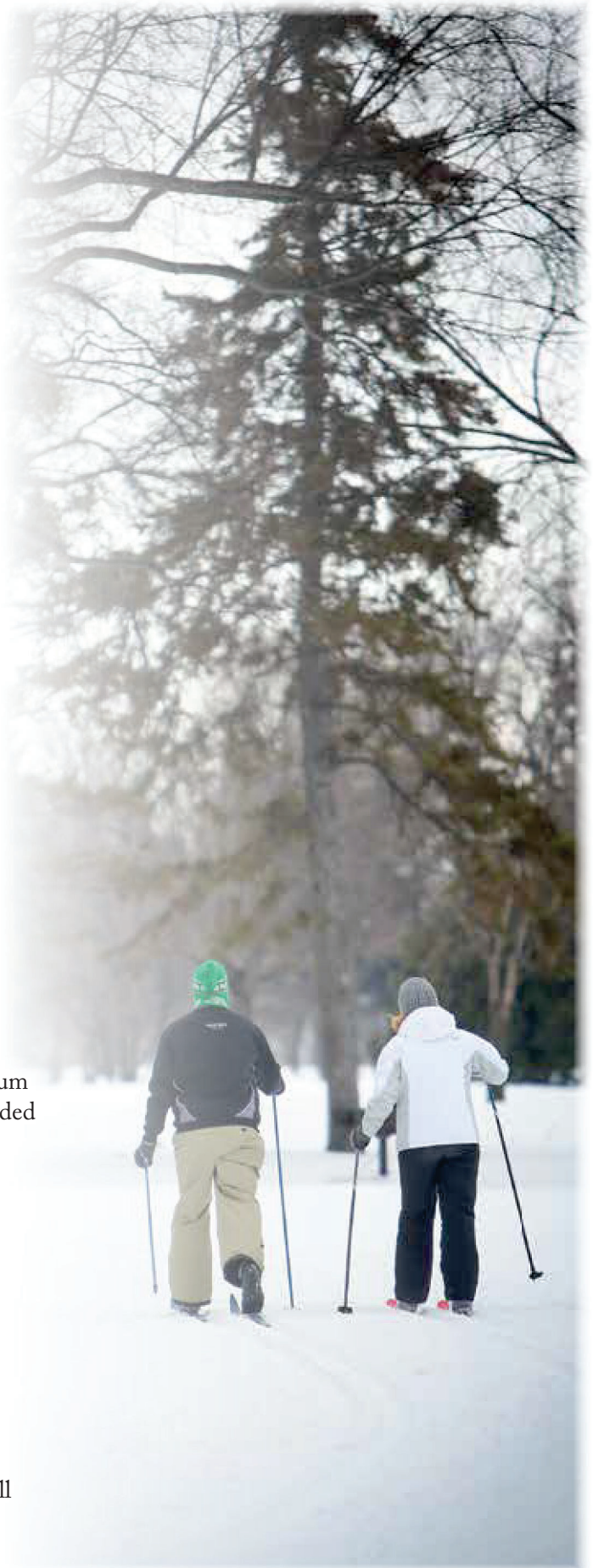
1. General condition or maintenance of the grounds and facilities (48%).
2. Bathrooms or restrooms in parks, recreation areas or natural areas (46%).
3. Walkways between facilities or activity areas (36%).
4. Electricity/water hookups in campgrounds (34%).
5. Shower houses in campgrounds (29%).

Keeping Pace with Demand for Outdoor Recreation

The majority of public outdoor recreation providers report a minimum of a 4% annual increase in operating and capital expenditures is needed for the next five years to keep pace with anticipated needs.

Expenditure Increases	Operating	Capital
No annual increase needed	7.9%	9.9%
1% to 3% increase per year	26.2%	19.3%
4% to 6% increase per year	27.2%	22.8%
7% to 9% increase per year	10.4%	9.9%
10% or more increase per year	11.4%	17.8%

Over the next five years, the total additional amount needed to fulfill the existing unmet capital needs reported by 135 public outdoor recreation providers is \$319 million.



Recommendations

Outdoor Recreation in North Dakota

The demand for outdoor recreation opportunities across North Dakota remains high while resources to provide the necessary infrastructure to support active outdoor engagement by citizens and visitors are finite. Prioritization is essential.

93%	Importance of outdoor recreation	North Dakota households
49%	Demand for facilities and activities exceeds supply	North Dakota providers

The North Dakota Parks and Recreation Department (NDPRD), with input from the state’s public outdoor recreation stakeholders, has identified an overarching goal with three supporting strategies to guide the development of North Dakota’s outdoor recreation infrastructure over the next five years.

Active partnerships are essential to meet outdoor recreation needs in North Dakota. At the core of the state’s outdoor recreation community are local, state, federal and nonprofit providers that offer infrastructure to support healthy, active lifestyles. All must engage to advance the goal.

- Goal: Enhance outdoor recreation across the state by educating and engaging North Dakotans to ensure diverse, affordable and accessible opportunities for citizens and visitors.
 - Strategy: Educate North Dakotans about outdoor recreation.
 - Strategy: Engage North Dakotans in outdoor recreation.
 - Strategy: Expand outdoor recreation opportunities in North Dakota.

The three strategies identified to achieve the goal are interdependent. One strategy does not come first nor automatically lead into another. Instead, all must be undertaken simultaneously to build momentum to increase resource investment in outdoor recreation infrastructure that offers expanded opportunities for participation by North Dakota citizens and visitors.

EDUCATE NORTH DAKOTANS ABOUT OUTDOOR RECREATION

North Dakotans must have a clear understanding of the diversity of outdoor recreation opportunities available to them, as well as an awareness of the numerous positive impacts:

- Building healthy communities by providing places to improve physical and mental health and bring people together.
- Contributing to the economy by supporting tourism, employment and higher property values.
- Protecting our natural world by conserving the diversity of our landscapes and the variety of life, along with supporting clean air and water.

Primary responsibility for marketing the opportunities and the accompanying benefits resides with public outdoor recreation providers, such as the NDPRD, local park districts, federal agencies such as the National Park Service, United States Forest Service, United States Army Corps of Engineers and recreation associations. The North Dakota Department of Commerce Tourism Division and local convention and visitors bureaus also play an essential role in marketing outdoor recreation, particularly to potential out-of-state visitors. Finally, health and wellness and physical activity advocates, such as the North Dakota Department of Health and the state’s health care systems, are essential partners in promoting outdoor recreation in North Dakota.

North Dakotans who understand the diverse opportunities for and benefits of outdoor recreation are more likely to actively engage in outdoor recreation activities and support necessary infrastructure investments across the state.

ENGAGE NORTH DAKOTANS IN OUTDOOR RECREATION

North Dakotans have the opportunity to engage in outdoor recreation in countless ways. First and foremost is as

participants in the numerous activities, such as walking, biking or kayaking, around the state. Increasing the number of outdoor recreation participants requires high-quality, accessible facilities.

Elected and appointed officials and parks and recreation professionals, as public providers of outdoor recreation, must provide leadership to develop infrastructure that offers creative recreation opportunities to citizens and visitors. Active partnerships that engage diverse sectors are critical, as are opportunities to share knowledge, experience, best practices and resources.

Volunteers are needed to contribute time, expertise and funds to help develop and maintain outdoor recreation infrastructure because public providers do not have all of the resources necessary to meet outdoor recreation needs. Supporters are essential to build a strong stewardship ethic across the state and unite allies from all sectors of communities, including policymakers, business leaders and the public, to invest in North Dakota's outdoor recreation infrastructure.

EXPAND OUTDOOR RECREATION OPPORTUNITIES IN NORTH DAKOTA

Research about North Dakota's outdoor recreation needs provides the foundation for planning, funding and developing the state's outdoor recreation infrastructure.

While this publication outlines overall recommendations, planning at all levels is critical to meeting needs. Coordinated planning with partners is essential at the local, regional, state and federal levels.

Funding for outdoor recreation infrastructure comes from a variety of mechanisms, including state and local taxes, user fees, grants and private contributions. Diversification and expansion of funding streams by providers is important to maximizing outdoor recreation opportunities.

A robust outdoor recreation infrastructure in North Dakota depends not only on the acquisition and conservation of land, but also on the development and maintenance of parks, natural areas and facilities. Prioritization for this infrastructure is outlined in the section of this publication entitled "Facility Priorities: Outdoor Recreation in North Dakota." These outdoor recreation facility priorities will be utilized as part of the NDPRD's allocation of grant funds for the Land and Water Conservation Fund and Recreational Trails Program from 2018 to 2022.

By educating and engaging North Dakotans, the state's public outdoor recreation providers will continue to strengthen and expand the infrastructure necessary to meet the demands of North Dakota's citizens and visitors for high-quality, affordable and accessible outdoor recreation opportunities.



Facility Priorities

Outdoor Recreation in North Dakota

Across much of North Dakota, demand for outdoor recreation opportunities exceeds the supply of accessible, high-quality infrastructure. Based on analysis of the demand for and supply of outdoor recreation in North Dakota, categories of facilities are prioritized for grant funding at the state level, as well as in the state's eight legislatively determined planning regions, for the five-year period from 2018 to 2022.

Comparing North Dakota household interest in different types of outdoor recreation activities with their rating of the number and condition of facilities for such activities (excellent and very good versus fair and poor) provides a strength-weakness grid. Those facilities identified as a primary weakness, meaning there is a high level of interest in these activities but the overall number and condition of facilities is rated fair or poor, receive a higher ranking in the statewide and regional priorities. Providers' rankings of need and condition of existing facilities are then factored in to determine overall prioritization for the state and each region.

It is important to note the foremost priority for the federal Land and Water Conservation Fund, one of the largest sources of publicly-supported grants for outdoor recreation in North Dakota, is the acquisition of public parks and recreation land.

Definitions

For both the household and provider surveys, the following definitions were utilized to identify different levels of amenities or support facilities available at parks, recreation areas or natural areas, trails and campgrounds:

- Modern: Amenities such as restrooms, electricity and running water are available.
- Semi-modern: Limited amenities such as restrooms without electricity or running water are available.
- Primitive: No amenities are available.

The specific types of facilities included in the prioritized general categories of outdoor recreation facilities in the tables below include:

- Campgrounds: group campsites, tent/RV/camper sites with and without electricity/water hookups, RV/camper dump stations, cabin/yurt rentals.



- Canoeing/kayaking facilities: launch ramps, docks, paddling trails.
- Golf courses: 18-hole courses, 9-hole courses, driving ranges, pitching/putting ranges.
- Motorized trails: off-highway vehicle (ATV, dirt bike or side by side) trails, snowmobile trails.
- Non-motorized trails: paved multi-use (walking, jogging, bicycling) trails, unpaved multi-use trails, unpaved hiking trails, unpaved mountain biking trails, exercise trails, horseback riding trails.
- Playgrounds/picnic areas/open space parks: group picnic shelters, family picnic sites, playgrounds, natural areas, multi-purpose open green space or playfields, amphitheaters.
- Recreational boating facilities: launch ramps without docks/slips, launch ramps with docks only, launch ramps/marinas with both docks and slips.
- Shooting sports facilities: rifle/pistol/trap/skeet ranges, archery ranges.
- Specialty facilities: dog parks, pet exercise areas, disc golf courses, horseshoe pits.
- Sports courts/fields: baseball fields, softball fields, football fields, soccer fields, tennis courts, pickleball courts, basketball courts, volleyball courts, track facilities, lighted fields/courts.
- Swimming/water facilities: swimming pools, specialty pools such as splash pads, swimming beaches, swimming bathhouses.
- Winter sports facilities: cross-country skiing/snowshoeing trails, fat-tire biking trails, ski/snowboard slopes, ski lifts, ski jumps, sledding/tubing hills, ice rinks.

STATEWIDE FACILITY PRIORITIES

- 93% of North Dakota households report outdoor recreation is important.
- 49% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Swimming/Water Facilities	Shooting Sport Facilities
Playgrounds/Picnic Areas/Open Space Parks	Recreational Boating Facilities	Canoeing/Kayaking Facilities
Campgrounds	Winter Sports Facilities	Sports Courts/Fields
		Motorized Trails

Primary Needs

Sixty-one percent of North Dakota households are interested in using trails for walking, running, bicycling or horseback riding. Household also expressed interest in using modern trails (50%), paved multi-use trails (49%), unpaved hiking trails (42%), unpaved multi-use trails (42%) and semi-modern trails (40%). Semi-modern trails, hiking trails, modern and unpaved multi-use trails are primary weaknesses statewide. The following percentage of providers report demand exceeds supply: 31% for paved multi-use trails, 27% for unpaved multi-use trails, 23% for mountain biking trails and 21% for hiking trails.

Sixty-three percent of North Dakota households are interested in going to a park, natural area or green space to play on a playground, have a picnic, enjoy nature or relax, with 54% interested in visiting a modern park or natural area. Forty-four percent are interested in visiting natural areas. Playing on playgrounds is of interest to 42% of households statewide, while 27% of providers report demand exceeds the supply of playgrounds. Forty-six percent of providers report bathrooms or restrooms are important to enhance user experiences in parks, recreation areas or natural areas.

Camping is of interest to 61% of households statewide; 54% of households are interested in modern campgrounds with electricity and running water and 47% in utilizing campers or RVs. Rental cabins or yurts at campgrounds or parks are primary weaknesses in North Dakota. Thirty percent of providers report demand for modern campgrounds exceeds supply.

Secondary Needs

Swimming outdoors is of interest to 51% of North Dakota

households, while designated swimming beaches on lakes or rivers and specialty pools are primary weaknesses statewide. Providers report 26% of regular swimming pools statewide are in poor condition.

Using a boat, pontoon or personal watercraft for recreational boating other than fishing is of interest to 54% of North Dakota households, and 47% are interested in using a boat ramp or landing for recreational boating. Marinas and slips for recreational boating are primary weaknesses statewide.

Forty-eight percent of households statewide are interested in skiing, snowshoeing, ice skating, sledding or similar winter activities. Designated sledding or tubing areas are primary weaknesses in North Dakota.

Tertiary Needs

Using outdoor rifle or pistol ranges is of interest to 47% of North Dakota households, and archery ranges and rifle or pistol ranges are primary weaknesses statewide.

Forty-five percent of households in North Dakota are interested in canoeing or kayaking. Waterways and designated paddling trails for canoeing or kayaking are primary weaknesses across the state.

Playing a sport outdoors (other than for a school team) is of interest to 47% of North Dakota households. Providers report 21% of tennis courts in the state are in poor condition.

Twenty-two percent of providers statewide report demand exceeds supply for off-highway vehicle (ATV, dirt bike or side by side) trails.



REGION 1 FACILITY PRIORITIES

- 88% of Region 1 households report outdoor recreation is important.
- 49% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs

Camping is of interest to 55% of North Dakota households in Region 1, particularly in modern campgrounds (51%), with campers or RVs (47%) and at group campsites (44%). Rental cabins or yurts at campgrounds or parks, semi-modern campgrounds and tent camping sites are primary weaknesses in the region. Providers report demand exceeds supply for many camping facilities: semi-modern campgrounds (29%), tent/RV/camper sites without electricity/water hookups (29%), RV/camper sites with electricity/water hookups (22%) and RV dump stations (22%). Forty-two percent of providers report electricity/water hookups and RV/camper sewer hookups are important to enhance user experiences in campgrounds.

Using trails for walking, running, bicycling or horseback riding is of interest to 55% of North Dakota households in Region 1, with 47% interested in modern trails. Modern trails, semi-modern trails and unpaved multi-use trails are primary weaknesses for the region. Twenty-nine percent of providers report demand exceeds supply for paved multi-use trails and exercise trails, while 22% say the same for hiking trails.

Secondary Needs

Forty-two percent of Region 1 households are interested in playing sports outdoors (other than for a school team). Twenty-nine percent of providers report demand exceeds supply for basketball courts, softball fields and volleyball courts. Providers in the region report the following facilities are in poor condition: 33% of basketball courts,

Primary Needs	Secondary Needs	Tertiary Needs
Campgrounds	Sports Courts/Fields	Winter Sports Facilities
Non-Motorized Trails	Playgrounds/Picnic Areas/Open Space Parks	Swimming/Water Facilities
		Specialty Facilities
		Shooting Sport Facilities
		Recreational Boating Facilities

27% of softball fields and 31% of tennis courts. A primary weakness in this region is lighted sports courts or fields.

Fifty-nine percent of households in the region enjoy going to a park, natural area or green space to play on a playground, have a picnic, enjoy nature or relax, with 50% interested in visiting modern parks or natural areas. Twenty-nine percent of providers report demand exceeds supply for group picnic shelters. Forty-nine percent of providers report bathrooms or restrooms and parking are important to enhance user experiences in parks, recreation areas or natural areas.

Tertiary Needs

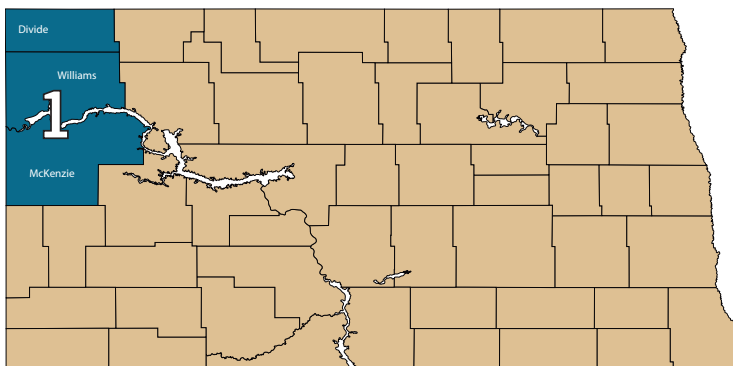
Primary weaknesses in the region are designated sledding or tubing areas. Thirty-two percent of providers report demand exceeds supply for cross-country skiing or snowshoeing trails, and 29% say the same for outdoor ice rinks. Providers in the region report 33% of ice rinks are in poor condition.

Designated swimming beaches on lakes or rivers and regular swimming pools are primary weaknesses in the region. Twenty-nine percent of providers report demand exceeds supply for regular swimming pools and swimming bathhouses.

In Region 1, pet exercise areas within parks and dog parks are primary weaknesses. Twenty-nine percent of providers report demand exceeds supply for disc or Frisbee golf courses.

Outdoor rifle or pistol ranges and archery ranges are primary weaknesses.

Marinas and slips to use while recreational boating are primary weaknesses in the region.



Divide, Williams and McKenzie Counties

REGION 2 FACILITY PRIORITIES

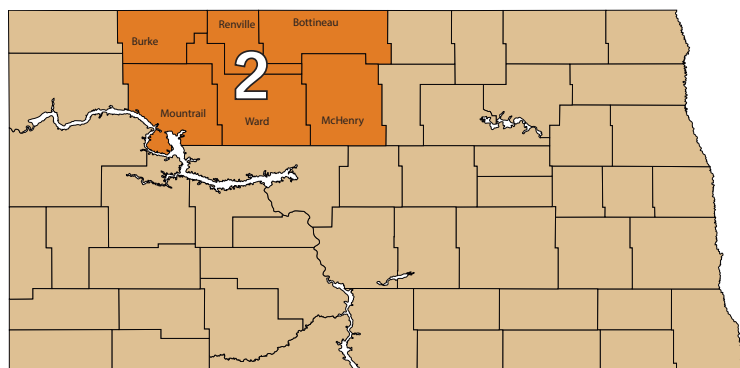
- 97% of Region 2 households report outdoor recreation is important.
- 57% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs

Fifty-eight percent of North Dakota households in Region 2 are interested in using trails for walking, running, bicycling or horseback riding, with 48% interested in modern trails and 42% in semi-modern. Forty-seven percent are interested in paved multi-use trails compared to 42% in hiking. Primary weaknesses include semi-modern trails, unpaved multi-use trails, modern trails and hiking trails. Twenty-four percent of providers report demand exceeds supply for hiking trails.

Camping is of interest to 62% of North Dakota households in this region, with 58% interested in modern campgrounds. Fifty-one percent are interested in using campers or RVs and 51% in group campgrounds. Rental cabins or yurts at campgrounds or parks are primary weaknesses. Twenty-nine percent of providers say the demand for modern campgrounds exceeds supply and 24% say the same for RV dump stations. Forty-three percent of providers report electricity/water hookups in campgrounds are important to enhance user experiences.

Sixty-six percent of North Dakota households in Region 2 are interested in going to a park, natural area or green space to play on a playground, enjoy nature or relax. Modern parks or natural areas are of interest to 58% while semi-modern are of interest to 44%. Forty-two percent of households are interested in visiting natural areas. Providers note demand exceeds supply for playgrounds (33%), group picnic shelters (33%), family picnic sites (29%), modern general purpose parks and recreation areas (24%) and multi-purpose open green space or playfields (24%). Sixty-two percent of providers report bathrooms



Burke, Mountrail, Renville, Ward, Bottineau and McHenry Counties

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Swimming/Water Facilities	Canoeing/Kayaking Facilities
Campgrounds	Shooting Sport Facilities	Winter Sports Facilities
Playgrounds/Picnic Areas/Open Space Parks		Recreational Boating Facilities



or restrooms in parks, recreation areas or natural areas are important to enhance user experiences.

Secondary Needs

Fifty-seven percent of households are interested in swimming outdoors, with 48% interested in swimming beaches on lakes or rivers. Designated swimming beaches on lakes or rivers, specialty pools and regular swimming pools are primary weaknesses in the region. Providers in the region report 29% of regular swimming pools are in poor condition, as are 22% of swimming beaches.

Fifty-five percent of households in Region 2 are interested in using outdoor rifle or pistol ranges. Primary weaknesses include archery ranges and rifle or pistol ranges.

Tertiary Needs

Forty-eight percent of Region 2 households are interested in canoeing and kayaking. Designated paddling trails and waterways for canoeing or kayaking are primary weaknesses.

Skiing, snowshoeing, ice skating, sledding or similar winter activities are of interest to 43% of North Dakota households in the region. Designated sledding or tubing areas are primary weaknesses.

Marinas and slips to use while boating are a primary weakness in the region.

REGION 3 FACILITY PRIORITIES

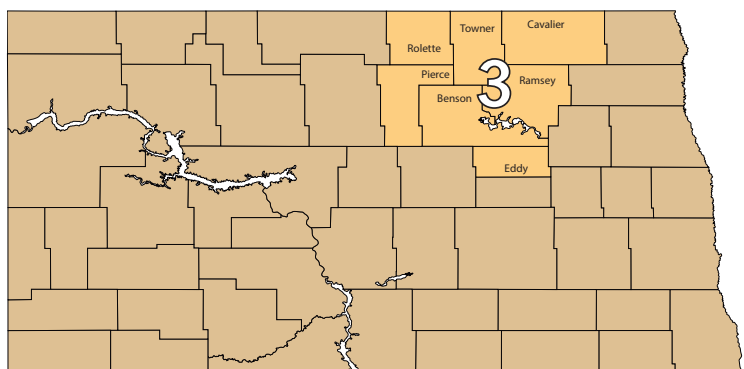
- 91% of Region 3 households report outdoor recreation is important.
- 24% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs

Sixty-one percent of Region 3 households are interested in using designated trails for walking, running, bicycling or horse riding. Fifty-one percent are interested in using modern trails, while 44% are interested in using semi-modern trails. Forty-seven percent of households are interested in using paved multi-use trails and 39% in unpaved multi-use trails. Hiking trails are of interest to 41 percent of households. Semi-modern, modern trails, hiking trails, paved multi-use trails and unpaved multi-use trails are primary weaknesses. Providers report demand exceeds supply in the following areas: paved multi-use trails (38%), hiking trails (38%), unpaved multi-use trails (29%) and semi-modern trails (24%). Providers report 40% of paved multi-use trails in the region are in poor condition.

Fifty-two percent of households are interested in swimming outdoors, with 46% interested in going to designated swimming beaches on lakes or rivers and 45% interested in going to regular pools. Specialty pools, regular swimming pools and designated swimming beaches on lakes or rivers are primary weaknesses in the region. Providers in the region report 43% of regular swimming pools, 20% of swimming beaches and 33% of swimming bathhouses are in poor condition.

Seventy-one percent of Region 3 households are interested in going to a park, natural area or green space to use a playground, enjoy nature or relax. Sixty percent are interested in visiting modern parks or natural areas with 44% interested in visiting natural areas. Playing at outdoor playgrounds is of interest to half of households in this



Rolette Pierce, Benson, Towner, Cavalier, Ramsey and Eddy Counties

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Recreational Boating Facilities	Winter Sports Facilities
Swimming/Water Facilities	Motorized Trails	Sports Courts/Fields
Playgrounds/Picnic Areas/Open Space Parks	Canoeing/Kayaking Facilities	
Campgrounds	Shooting Sport Facilities	

region. Semi-modern parks or natural areas are a primary weakness. Providers report demand exceeds supply in the following areas: group picnic shelters (38%), family picnic sites (33%), playgrounds (33%), modern general purpose parks and recreations areas (29%), and multi-purpose open green space or play fields (29%). Forty-eight percent of providers in Region 3 report bathrooms or restrooms in parks, recreation areas or natural areas are important to enhance user experiences.

Camping is of interest to 63% of North Dakota households in Region 3, with 55% interested in modern campgrounds, 51% in using campers or RVs and 42% in group campgrounds. Rental cabins or yurts and group campground sites are primary weaknesses. The region's providers say demand exceeds supply for modern campgrounds (43%), RV/camper sites with electricity/water hookups (43%), RV dump stations (29%), group camping sites (24%) and cabin/yurt rentals (24%).

Secondary Needs

Fifty-nine percent of Region 3 households are interested in using a boat, pontoon or personal watercraft for recreational boating other than fishing. Fifty-two percent are interested in using boat ramps or landings while 40% of households are interested in marinas or slips. Primary weaknesses in the region are marinas or slips for recreational boating. According to providers, 20% of launch ramps with docks only in the region are in poor condition.

Using designated trails for riding off-highway vehicles (ATVs, dirt bikes or side by sides) is of interest to 43% of households in the region. OHV trails are primary weaknesses. Thirty-eight percent of providers report demand exceeds supply for OHV trails.

Forty percent of the region's households are interested in canoeing or kayaking, and waterways for canoeing or kayaking are primary weaknesses.

Forty percent of Region 3 households are interested in using outdoor rifle or pistol ranges. Archery ranges and rifle or pistol ranges are primary weaknesses.

Tertiary Needs

Skiing, snowshoeing, ice skating, sledding or similar winter activities are of interest to 53% of North Dakota households in the region. Designated sledding or tubing areas are a primary weakness. Providers report 20% of ice rinks in the region are in poor condition.

Half of the region's households are interested in playing a sport outdoors (other than for a school team). According to providers, 20% of horseshoe pits in the region are in poor condition.



REGION 4 FACILITY PRIORITIES

- 92% of Region 4 households report outdoor recreation is important.
- 52% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs

Trails for walking, running, bicycling or horseback riding are of interest to 62% of Region 4 households, with 50% interested in modern trails and 41% in semi-modern trails. Forty-eight percent are interested in hiking trails and paved multi-use trails, while 46% are interested in unpaved multi-use trails. Primary weaknesses are hiking trails and semi-modern trails. According to providers, demand exceeds supply for unpaved multi-use trails (36%), paved multi-use trails (32%), mountain biking trails (28%), hiking trails (24%), semi-modern trails (20%) and modern trails (20%).

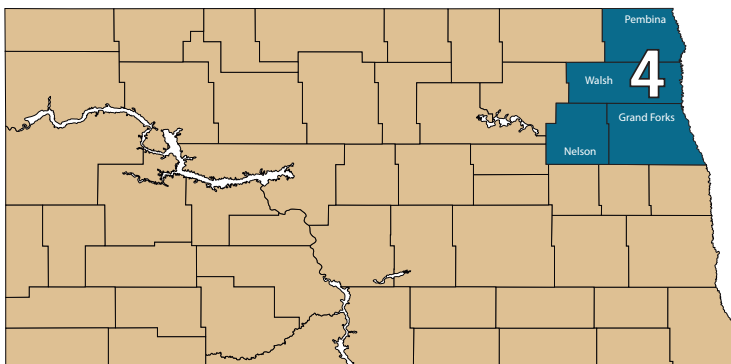
Fifty-seven percent of North Dakota households in the region are interested in camping, with 50% interested in modern campgrounds and 41% in using campers or RVs. Rental cabins or yurts at campgrounds or parks are primary

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Winter Sports Facilities	Recreational Boating Facilities
Campgrounds	Shooting Sport Facilities	Motorized Trails
Swimming/Water Facilities	Canoeing/Kayaking Facilities	Specialty Facilities
Playgrounds/Picnic Areas/Open Space Parks	Sports Courts/Fields	Golf Courses

weaknesses. Providers note demand exceeds supply for RV dump stations (36%), RV/camper sites with electricity/water hookups (32%), cabin/yurt rentals (24%), modern campgrounds (20%), group campsites (20%) and tent/RV/campsites without electricity/water hookups (20%). Forty-four percent of providers report electricity/water hookups in campgrounds are important to enhance user experiences, and 40% report the same for RV/camper dump stations in campgrounds.

Swimming outdoors is of interest to 51% of Region 4 households, with 44% interested in regular swimming pools and 40% in swimming beaches on lakes or rivers. Designated swimming beaches and specialty pools are primary weaknesses. Twenty-four percent of providers say demand exceeds supply for swimming beaches. Providers in the region report 25% of regular swimming pools are in poor condition.

Sixty-five percent of Region 4 households are interested in going to a park, natural area or green space to use a



Pembina, Walsh, Nelson and Grand Forks Counties

playground, enjoy nature or relax, with 55% interested in modern parks or natural areas. Playgrounds are of interest to 43% of households in the region, and 46% are interested in visiting natural areas. According to providers, demand exceeds supply for playgrounds (24%), modern general purpose parks and recreation areas (24%) and multi-purpose open green space and playfields (24%). According to providers, 30% of semi-modern general purpose parks and recreation areas in the region are in poor condition. Forty-four percent of providers report bathrooms or restrooms in parks, recreation areas or natural areas are important to enhance user experiences.

Secondary Needs

Half of North Dakota households in Region 4 are interested in skiing, snowshoeing, ice skating, sledding or similar winter activities. Designated sledding or tubing areas are primary weaknesses. Providers report cross-country skiing or snowshoeing trails (24%), ice rinks (20%) and sledding or tubing hills (20%) as facilities where demand exceeds supply.

Forty-nine percent of Region 4 households are interested in using outdoor rifle or pistol ranges and 40% in archery ranges. Rifle or pistol ranges and archery ranges are primary weaknesses.

Canoeing and kayaking are of interest to 44% of households in Region 4. Designated paddling trails and waterways for canoeing or kayaking are primary weaknesses. Twenty percent of providers report demand

exceeds supply for launch ramps and docks for canoeing and kayaking.

Forty-five percent of the region's households are interested in playing a sport outdoors (other than for a school team). Lighted sports fields or courts are primary weaknesses. Demand exceeds supply for baseball fields and basketball courts, according to 20% of providers. Providers report 25% of football fields in the region are in poor condition.

Tertiary Needs

Using a boat, pontoon or personal watercraft for recreational boating other than fishing is of interest to 49% of households in Region 4. Ramps or landings for launching watercraft are a primary weakness. Twenty percent of providers report demand exceeds supply for launch ramps with docks only.

Twenty-eight percent of the region's providers report demand exceeds supply for off-highway vehicle (ATV, dirt bike or side by side) trails. OHV trails are primary weaknesses.

Demand exceeds supply for dog parks and pet exercise areas within parks, according to 24% of providers in Region 4. Providers report half of skateboard parks in the region are in poor condition.

According to 20% of providers, demand exceeds supply for regular nine-hole courses.



REGION 5 FACILITY PRIORITIES

- 91% of Region 4 households report outdoor recreation is important.
- 50% of providers report demand for outdoor recreation facilities and activities exceeds supply.

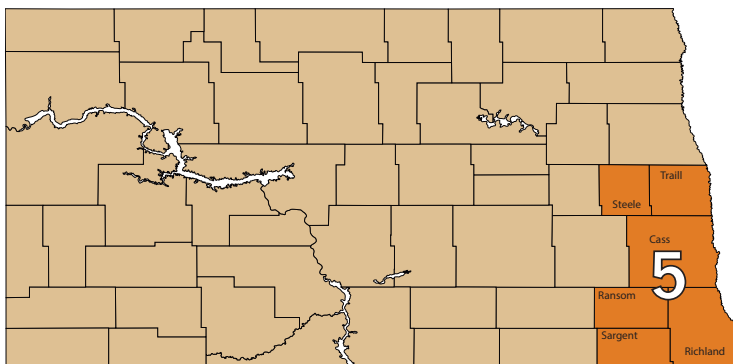
Primary Needs

Trails for walking, running, bicycling or horseback riding are of interest to 61% of Region 5 households with 51% interested in modern trails. Fifty-one percent are interested in using paved multi-use trails while 44% are interested in unpaved multi-use trails. Hiking trails, semi-modern trails, modern trails and unpaved multi-use trails are primary weaknesses. Providers note demand exceeds supply for paved multi-use trails (25%), unpaved multi-use trails (25%) and exercise trails (22%).

Sixty-one percent of the region's households are interested in camping. Fifty-five percent are interested in camping in modern campgrounds, 44% in renting cabins or yurts at campgrounds or parks, 44% in using campers or RVs and 42% in group campgrounds. Primary weaknesses are rental cabins or yurts at campgrounds or parks, semi-modern campgrounds, modern campgrounds, camper or RV camping sites, group campground sites and tent camping sites. According to providers, 35% of group campsites in the region are in poor condition.

Swimming outdoors is of interest to 56% of North Dakota households in the region, while 51% are interested in going to designated swimming beaches on lakes or rivers and 48% are interested in going to regular pools. Designated swimming beaches on lakes or rivers and specialty pools are primary weaknesses. Providers report 25% of regular swimming pools in the region are in poor condition.

Sixty-one percent of North Dakota households in the region are interested in going to a park, natural area or green space to use a playground, enjoy nature or relax, with 54% interested in visiting modern parks or natural areas.



Steele, Traill, Cass, Ransom, Sargent and Richland Counties

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Winter Sports Facilities	Sports Courts/Fields
Campgrounds	Recreational Boating Facilities	Shooting Sport Facilities
Swimming/Water Facilities	Canoeing/Kayaking Facilities	Specialty Facilities
Playgrounds/Picnic Areas/Open Space Parks		

Forty-nine percent are interested in visiting natural areas. Semi-modern parks or natural areas are a primary weakness.

Providers in the region report demand exceeds supply for modern general purpose parks and recreation areas (25%) and multi-purpose open green space and playfields (22%). According to providers, 33% of amphitheaters in the region are in poor condition.

Secondary Needs

Fifty-five percent of North Dakota households in Region 5 are interested in skiing, snowshoeing, ice skating, sledding or similar winter activities with 42% interested in sledding or tubing on snow hills. Designated sledding or tubing areas are primary weaknesses. Twenty-eight percent of providers report ice rinks as facilities where demand exceeds supply.

Half of households in Region 5 are interested in using a boat, pontoon or personal watercraft for recreational boating other than fishing, and 41% are interested in using boat ramps or landings. Ramps and landings for launching watercraft for recreational boating are primary weaknesses.

Canoeing and kayaking are of interest to 43% of households in Region 5. Designated paddling trails and waterways for canoeing or kayaking are primary weaknesses.

Tertiary Needs

Forty-eight percent of households in the region are interested in playing a sport outdoors (other than for a school team). Twenty-two percent of providers report demand for baseball fields exceeds supply. Providers report 28% of tennis courts in the region are in poor condition.

Forty-three percent of Region 5 households are interested in using outdoor rifle or pistol ranges. Archery ranges and rifle or pistol ranges are primary weaknesses.

Twenty-two percent of providers report demand exceeds supply for disc or Frisbee golf courses.

REGION 6 FACILITY PRIORITIES

- 89% of Region 4 households report outdoor recreation is important.
- 48% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs

Fifty-four percent of North Dakota households in Region 6 are interested in using designated trails for walking, running, bicycling or horseback riding, while 45% are interested in using modern trails and paved multi-use trails. Primary weaknesses are semi-modern trails, modern trails, hiking trails, unpaved multi-use trails and paved multi-use trails. Paved multi-use trails (33%) and mountain biking trails (26%) are facilities where providers say demand exceeds supply. Providers report 23% of paved multi-use trails in the region are in poor condition.

Fifty-eight percent of the region’s households are interested in going to a park, natural area or green space just to play, to use a playground, enjoy nature or relax. Forty-six percent of households are interested in visiting modern parks or natural areas. Semi-modern parks, natural areas and family picnic sites are primary weaknesses. Providers report the following facilities where demand exceeds supply: modern general purpose parks and recreation areas (30%), playgrounds (30%), family picnic sites (26%) and group picnic shelters (26%). Forty-four percent of providers in the region say bathrooms or restrooms in parks, recreation areas or natural areas are important to enhance user experiences.

Forty-one percent of Region 6 households are interested in swimming outdoors. Specialty pools, designated swimming beaches on lakes or rivers and regular swimming pools are primary weaknesses. Twenty-two percent of providers report demand exceeds supply for

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Canoeing/Kayaking Facilities	Recreational Boating Facilities
Playgrounds/Picnic Areas/Open Space Parks	Winter Sports Facilities	Motorized Trails
Swimming/Water Facilities	Shooting Sport Facilities	Golf Courses
Campgrounds	Sports Courts/Fields	Specialty Facilities

swimming bathhouses. According to providers, 50% of swimming bathhouses and 27% of regular swimming pools in the region are in poor condition.

Camping is of interest to 44% of households in the region. Group campground sites are a primary weakness. Providers report a number of facilities where demand exceeds supply: modern campgrounds (44%), group campsites (37%) and RV/camper sites with electricity/ water hookups (33%). Providers report 20% of primitive campgrounds in the region are in poor condition. Forty-one percent of providers say shower houses in campgrounds are important to enhance user experiences.

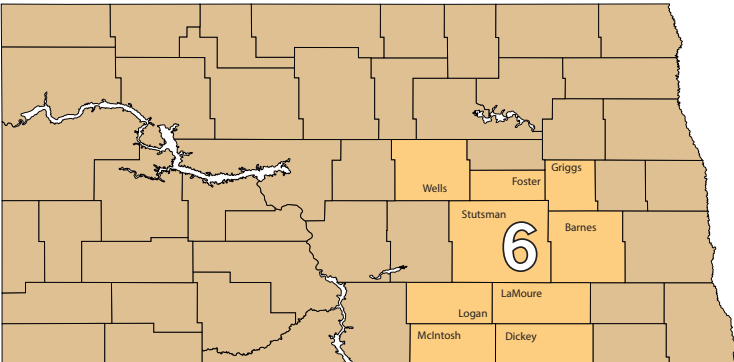
Secondary Needs

Designated paddling trails and waterways for canoeing or kayaking are primary weaknesses in Region 6. Twenty-two percent of providers report demand for docks in the region exceeds supply. According to providers, 25% of the region’s launch ramps are in poor condition.

Forty-one percent of households in the region are interested in skiing, snowshoeing, ice skating, sledding or similar winter activities. Designated sledding or tubing areas are primary weaknesses. Providers report 33% of sledding or tubing hills and 29% of ice rinks in the region are in poor condition.

Forty-five percent of households are interested in using outdoor rifle or pistol ranges and 40% in archery ranges. Rifle or pistol ranges and archery ranges are primary weaknesses in the region.

Exercising or playing a sport outdoors at a park or sports complex (other than for a school team) is of interest to 46% of households in Region 6. Twenty-six percent of providers report demand exceeds supply for volleyball courts. Providers in the region report 29% of horseshoe pits, 25% of tennis courts and 23% of volleyball courts are in poor condition.



Wells, Foster, Griggs, Stutsman, Barnes, Logan, LaMoure, McIntosh and Dickey Counties

Tertiary Needs

Forty-eight percent of households in Region 6 are interested in using a boat, pontoon or personal watercraft for recreational boating other than fishing and 44% in using boat ramps or landings. Half of launch ramps without docks or slips in the region are in poor condition, according to providers.

Off-highway vehicle (ATV/dirt bike or side by side) trails are primary weaknesses in the region.

Outdoor golf driving or practice ranges are a primary weakness. Providers report 50% of outdoor driving ranges in Region 6 are in poor condition.

According to providers, 50% of outdoor skateboard parks and 25% of outdoor disc or Frisbee golf courses in the region are in poor condition.

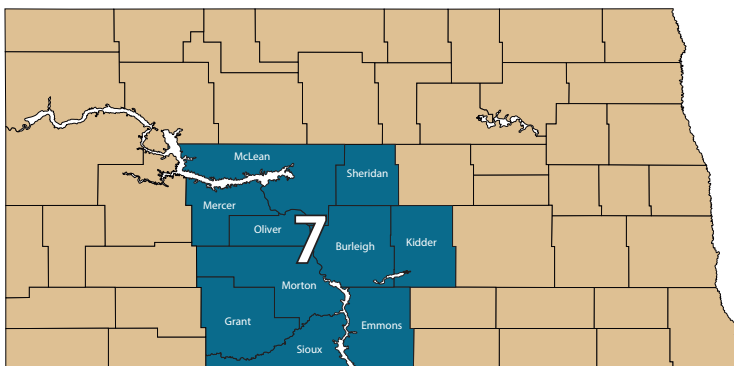


REGION 7 FACILITY PRIORITIES

- 94% of Region 4 households report outdoor recreation is important.
- 54% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs

Trails for walking, running, bicycling or horseback riding are of interest to 66% of Region 7 households. Fifty-four percent are interested in using paved multi-use trails, 53% in modern trails, 47% in hiking trails, 46% in unpaved multi-use trails and 46% in semi-modern trails. Hiking trails and semi-modern trails are primary weaknesses. Providers listed paved multi-use trails (33%), unpaved multi-use trails (31%) and mountain biking trails (24%) as facilities where demand exceeds supply. According to providers, all exercise trails in the region are in poor condition, as are 29% of mountain biking trails.



McLean, Sheridan, Mercer, Oliver, Burleigh, Kidder, Morton, Grant, Sioux and Emmons Counties

Primary Needs	Secondary Needs	Tertiary Needs
Non-Motorized Trails	Campgrounds	Recreational Boating Facilities
Swimming/Water Facilities	Shooting Sport Facilities	Sports Courts/Fields
Playgrounds/Picnic Areas/Open Space Parks	Canoeing/Kayaking Facilities	Motorized Trails
	Winter Sports Facilities	Specialty Facilities

Fifty-one percent of North Dakota households in the region are interested in swimming outdoors with 48% interested in designated swimming beaches on lakes or rivers, 42% in regular swimming pools and 41% in specialty pools. Specialty pools and designated swimming beaches on lakes or rivers are primary weaknesses. Thirty-six percent of providers note demand exceeds supply for swimming beaches. According to providers, 33% of regular swimming pools and 20% of specialty pools in the region are in poor condition.

Sixty-five percent of North Dakota households in the region are interested in going to a park, natural area or green space to use a playground, enjoy nature or relax, with 56% interested in visiting modern parks or natural areas and 40% interested in semi-modern. Forty-eight percent are interested in playing at playgrounds. Forty-four percent are interested in visiting natural areas. Modern general purpose parks and recreation areas (28%) and

playgrounds (31%) are facilities where demand exceeds supply, according to providers. Forty-eight percent of providers say bathrooms or restrooms in parks, recreation areas or natural areas are important to enhance user experiences, while 41% say the same about walkways between facilities or activity areas.

Secondary Needs

Camping is of interest to 72% of Region 7 households. Sixty-five percent are interested in modern campgrounds, 60% in group campgrounds, 59% in camping in campers or RVs, 49% in renting cabins or yurts and 41% in camping in tents. According to providers, demand exceeds supply for RV/camper sites with electricity/water hookups (36%), modern campgrounds (33%), group campsites (26%), cabin rental sites (24%) and RV dump stations (26%).

Forty-five percent of households in the region are interested in using outdoor rifle or pistol ranges and 44% in archery ranges. Outdoor archery ranges are primary weaknesses. Twenty-one percent of providers report demand exceeds supply for archery ranges.

Canoeing or kayaking is of interest to 55% of households in Region 7 with 42% interested in using designated paddling trails. Designated paddling trails for canoeing or kayaking are primary weaknesses. Twenty percent of providers report demand exceeds supply for docks.

Skiing, snowshoeing, ice skating, sledding or similar winter activities are of interest to 51% of the region’s households. Primary weaknesses are designated sledding or tubing areas. Demand exceeds supply for outdoor ice rinks, according to 23% of providers.

Tertiary Needs

Sixty-five percent of households in Region 7 are interested in using a boat, pontoon or personal watercraft for recreational boating other than fishing. Fifty-eight percent are interested in using boat ramps or landings and 42% in using marinas or slips while recreational boating. Twenty percent of providers report demand exceeds supply for launch ramps with docks only.

Forty-nine percent of households are interested in playing a sport outdoors (other than for a school team). According to providers, 25% of tennis courts and 21% of baseball fields in the region are in poor condition.

Demand exceeds supply for off-highway vehicle (ATV/dirt bike/side by side) trails and snowmobile trails, according to 21% of Region 7 providers.

Twenty percent of providers say dog parks or pet exercise areas within parks are facilities where demand exceeds supply.

REGION 8 FACILITY PRIORITIES

- 92% of Region 4 households report outdoor recreation is important.
- 52% of providers report demand for outdoor recreation facilities and activities exceeds supply.

Primary Needs

Fifty-eight percent of Region 8 households are interested in camping, with 47% interested in modern campgrounds, 46% in camping in campers or RVs and 42% in group campgrounds. Rental cabins or yurts at campgrounds or parks, group campground sites, modern campgrounds and camper or RV camping sites are primary weaknesses. Providers report demand exceeds supply for the following facilities: RV/camper sites with electricity/water hookups (27%), RV dump stations (27%), modern campgrounds (26%), primitive campgrounds (21%) and group camping sites (21%).

Fifty-six percent of North Dakota households in the region are interested in using designated trails for walking,

Primary Needs	Secondary Needs	Tertiary Needs
Campgrounds	Shooting Sport Facilities	Motorized Trails
Non-Motorized Trails	Sports Courts/Fields	Specialty Facilities
Swimming/Water Facilities	Recreational Boating Facilities	Winter Sports Facilities
Playgrounds/Picnic Areas/Open Space Parks		Canoeing/Kayaking Facilities
		Golf Courses

running, bicycling or horseback riding with 44% interested in modern trails. Hiking trails, modern trails, unpaved multi-use trails, semi-modern trails and paved multi-use trails are primary weaknesses. According to providers, demand exceeds supply for the following facilities: paved multi-use trails (42%), unpaved multi-use trails (36%), primitive trails (36%), modern trails (36%), hiking trails

(33%), mountain biking trails (33%), exercise trails (26%) and semi-modern trails (31%). According to providers, 33% of hiking trails in the region are in poor condition.

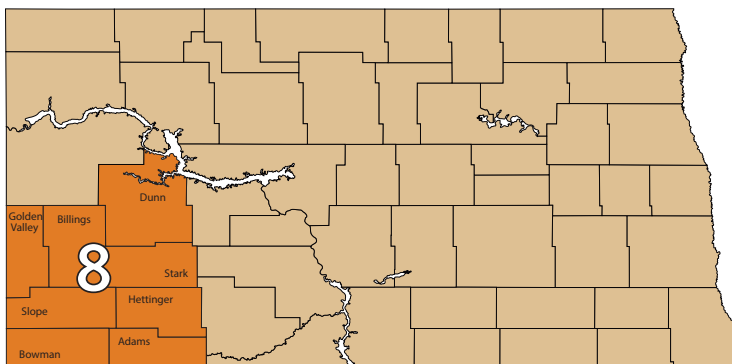
Swimming outdoors is of interest to 40% of households. Specialty pools, designated swimming beaches on lakes or rivers and regular swimming pools are primary weaknesses. Demand exceeds supply for specialty pools, according to 26% of providers. Providers report 25% of swimming beaches in the region are in poor condition.

Sixty percent of North Dakota households in the region are interested in going to a park, natural area or green space to use a playground, enjoy nature or relax, with 51% interested in modern parks or natural areas. Natural areas and modern parks or natural areas are primary weaknesses. According to 26% of providers, demand for playgrounds and modern general purpose parks and recreation areas exceeds supply. Twenty-five percent of amphitheaters and 24% of semi-modern general purpose parks and recreation areas in the region are in poor condition, according to providers. Providers report walkways between facilities or activity areas in parks, recreation areas or natural areas (57%) and bathrooms or restrooms (47%) are important to enhancing user experiences.

Secondary Needs

Outdoor rifle or pistol ranges are of interest to 54% of Region 8 households. Archery ranges and rifle or pistol ranges are primary weaknesses.

Forty-six percent of households are interested in playing a sport outdoors (other than for a school team). Outdoor basketball courts and lighted sports fields or courts are primary weaknesses. Twenty-six percent of providers report demand for softball fields exceeds supply. According to providers, the following facilities in the region are in poor condition: 50% of soccer fields, 33% of volleyball courts, 31% of horseshoe pits and 25% of basketball courts. Forty-two percent of providers report lighted sports fields for evening use are important to enhance user experiences.



Golden Valley, Billings, Dunn, Stark, Slope, Hettinger, Bowman and Adams Counties



Using a boat, pontoon or personal watercraft for recreational boating other than fishing is of interest to 47% of households in Region 8. Ramps or landings for launching watercraft are a primary weakness. Providers report all launch ramps without docks or slips and all launch ramps or marinas with both docks and slips in the region are in poor condition.

Tertiary Needs

Off-highway vehicle (ATV, dirt bike or side by side) trails are primary weaknesses. Thirty-eight percent of providers report demand exceeds supply for OHV trails and 27% say the same for snowmobile trails.

Twenty-one percent of providers say dog parks or pet exercise areas within parks are facilities where demand exceeds supply. Fifty percent of dog parks or pet exercise areas in parks, 33% of skateboard parks and 20% of disc golf courses in the region are in poor condition, according to providers.

Thirty-three percent of providers in the region report demand exceeds supply for cross-country skiing or snowshoeing trails, with 21% reporting the same for sledding or tubing hills. Providers also report 25% of ice rinks in the region are in poor condition.

Waterways for canoeing or kayaking are primary weaknesses in the region.

According to providers, 25% of the region's nine-hole golf courses are in poor condition.

Plan Development

Outdoor Recreation in North Dakota

In January 2017, the North Dakota Parks and Recreation Department (NDPRD) contracted with Clearwater Communications, Bismarck, to perform survey and planning services to develop the *2018–2022 North Dakota State Comprehensive Outdoor Recreation Plan* (SCORP), along with two companion publications, *Recreational Trail Needs* and *Wetlands Priorities*.

SURVEY METHODOLOGY

Clearwater Communications subcontracted with Winkelman Consulting, Fargo, to complete the research portion of the project, which included surveys of North Dakota households and outdoor recreation providers to determine demand for and supply of outdoor recreation facilities in the state.

Household Survey

The population for this study consisted of North Dakotans who are 18 years of age or older. An ideal, stratified random-systematic sampling technique was employed in this study to select phone numbers. In other words, approximately 100 interviews were completed within each of the eight planning regions, rather than distributing the interviews proportionately based on the population. From the selected sample of residential landline and cell phone numbers, 800 interviews were actually completed. The data was then weighted in a manner that the statewide “weighted” sample also represents 800 total respondents.

All data was collected through the use of telephone interviews. Data collection was conducted from March 13 to 24, 2017. The data collection was completed in compliance with specifications established by Winkelman Consulting. Interviewing was supervised and performed by trained personnel from Dynamics Marketing, Inc.

The 800 completed questionnaires provide a 95% confidence level with an overall minimum and maximum margin of error of $\pm 2.1\%$ and $\pm 3.5\%$, respectively, in estimating the proportion of the population who possess a certain characteristic or opinion.

Provider Survey

The population for this study consisted of the 330 North Dakotan outdoor recreation providers identified by the NDPRD. No sampling technique was employed in this study to select respondents, since all providers identified by the NDPRD were asked to participate in the study. A minimum response rate of 50% was targeted. From the 314 eligible respondents, 217 at least “returned” a survey and 206 provided “responses” to the survey (on 202 questionnaires), resulting in a “return rate” of 69.1% and a “response rate” of 65.6%.

All data was collected through the use of mail surveys. However, respondents were given options to reply by mail, email, fax or phone. Data collection was conducted from February 26 to March 27, 2017. The data collection was administered by Winkelman Consulting.

The 206 completed questionnaires provide a 95% confidence level with an overall minimum and maximum margin of error of $\pm 2.4\%$ and $\pm 4.0\%$, respectively, in estimating the proportion of the population who possess a certain characteristic or opinion.

PUBLICATION COMPONENTS

Based on the survey results provided by Winkelman Consulting, the NDPRD and Clearwater Communications developed the SCORP, which includes an executive summary, an overview of outdoor recreation in North Dakota, a summary of the demand for and supply of outdoor recreation activities and facilities in the state, and recommendations for development of North Dakota’s outdoor recreation infrastructure, along with statewide and regional facility priorities, from 2018 to 2022.

The facility priorities identified for North Dakota’s eight legislatively determined planning regions will be utilized as part of the NDPRD’s state and federal grant allocation process during the SCORP timeframe.

Stakeholder Input

Input on the SCORP was solicited from 18 stakeholders identified by the NDPRD:

- Garrison Diversion Conservancy District
- Maah Daah Hey Trail Association
- North Country Trail Association
- North Dakota Department of Commerce Tourism Division
- North Dakota Department of Health
- North Dakota Department of Transportation
- North Dakota Forest Service
- North Dakota Game and Fish Department
- North Dakota Recreation & Park Association
- Open Road Honda
- Red River Riders
- Snowmobile North Dakota
- State Historical Society of North Dakota
- U.S. Army Corps of Engineers, Omaha District, Garrison Dam & Lake Sakakawea
- U.S. Department of Agriculture, Forest Service, Dakota Prairie Grasslands
- U.S. Department of Interior, Bureau of Reclamation, Dakotas Area Office
- U.S. Department of Interior, National Park Service

Public Comment

As the final step in the development process, the SCORP was posted on the NDPRD website for a 10-day period for public comment. Recommendations received from the public were incorporated into the final draft of the SCORP.

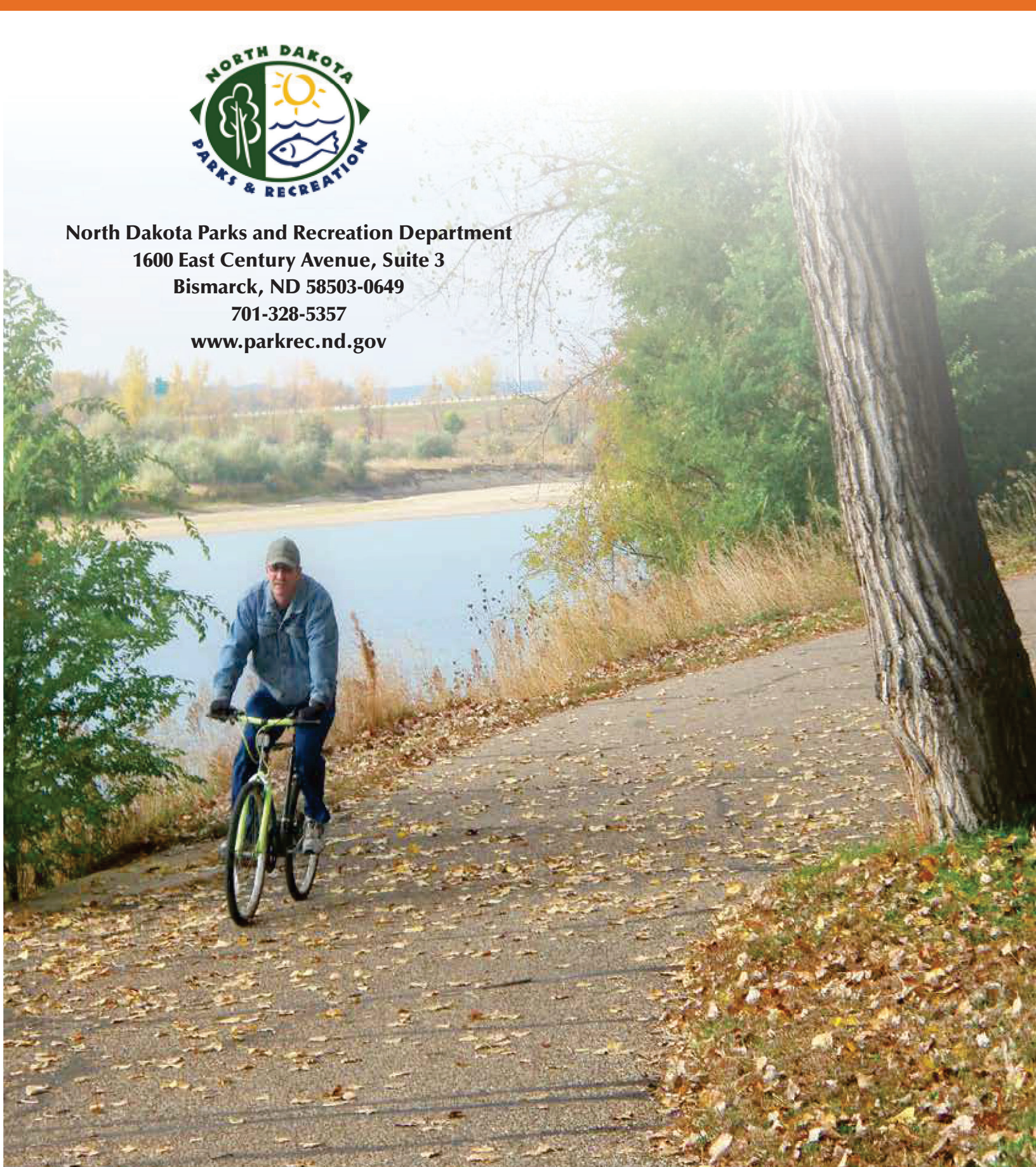
Related Resources

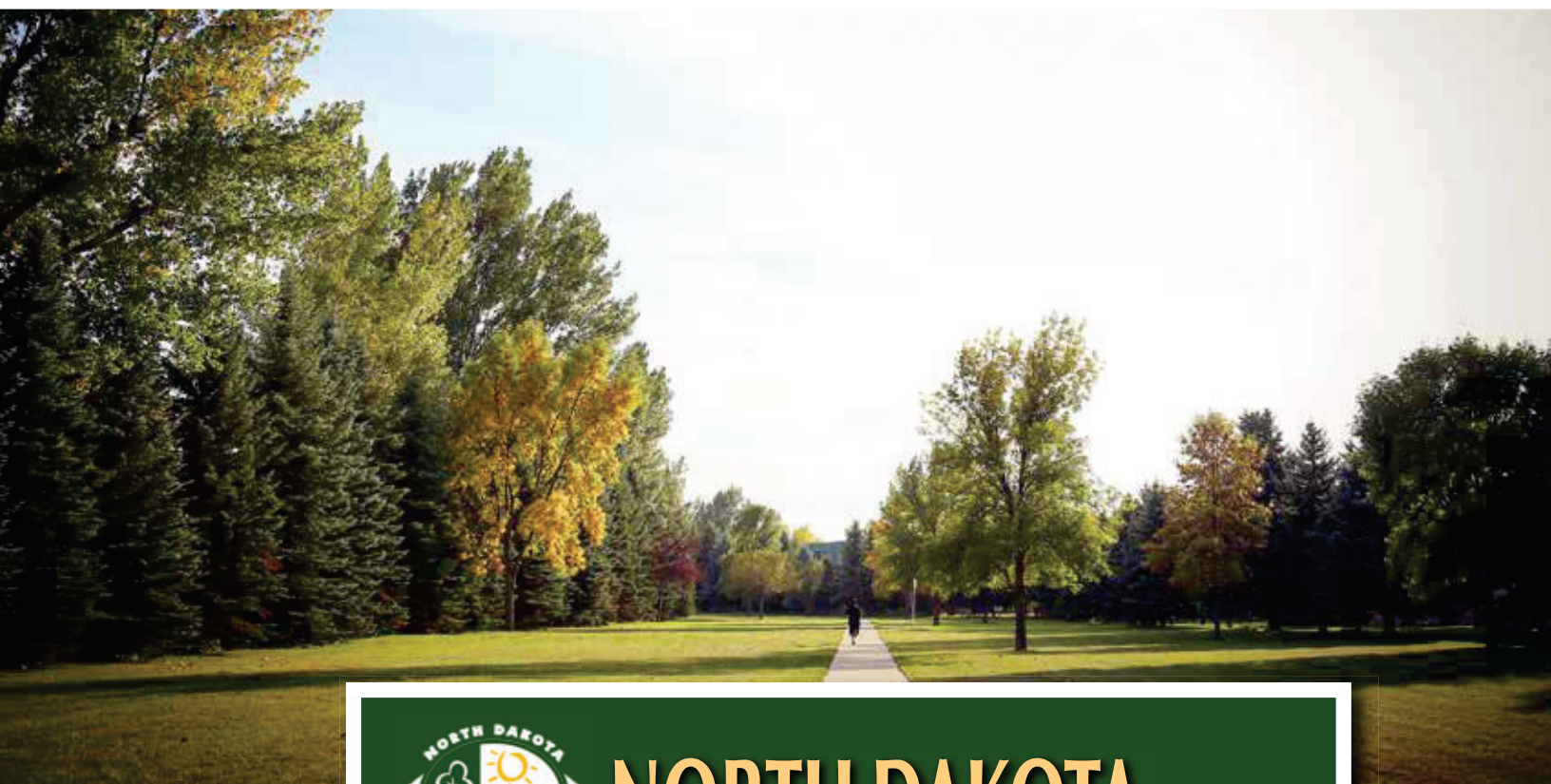
Electronic versions of the SCORP companion publications, *Recreational Trail Needs* and *Wetlands Priorities*, are available on the NDPRD website at www.parkrec.nd.gov. Detailed information from the North Dakota household and outdoor recreation provider surveys, including regional data, is also available online.





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NORTH DAKOTA **State Comprehensive** **Outdoor Recreation Plan** **RECREATIONAL TRAIL NEEDS | 2018-2022**





NORTH DAKOTA State Comprehensive Outdoor Recreation Plan

RECREATIONAL TRAIL NEEDS | 2018-2022

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State of North Dakota

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North Dakota Parks and Recreation Department

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Coordinator*

The mission of the North Dakota Parks and Recreation Department is to provide and enhance outdoor recreation opportunities through diverse parks and programs that conserve the state's natural diversity.

Acknowledgements: This publication was prepared by the North Dakota Parks and Recreation Department with Clearwater Communications. Winkelman Consulting surveyed North Dakota households and outdoor recreation providers and analyzed the resulting data included in this publication.

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Overview

Trails in North Dakota

Recreational Trail Needs is a companion publication to the *2018–2022 North Dakota State Comprehensive Outdoor Recreation Plan* (SCORP) prepared by the North Dakota Parks and Recreation Department. It was financed in part by a planning grant from the National Park Service, U.S. Department of the Interior, under the provisions of the Land and Water Conservation Fund (LWCF) Act of 1965 (PL 88-578, as amended), with additional funding provided by the Recreational Trails Program and the state of North Dakota.

Trails, both motorized and non-motorized, are important components of the outdoor recreation infrastructure in North Dakota. Paved multi-use trails for walking, running and bicycling are most often found in communities and provide close-to-home recreation. Unpaved trails for hiking, mountain biking and horseback riding are more

common in state and federal parks and recreation areas. Paddling trails for canoes and kayaks on rivers and lakes across the state are much more limited. Winter trails are available in North Dakota for cross-country skiing/snowshoeing and fat-tire biking. Off-highway vehicle (ATV, dirt bike or side by side) and snowmobile trails offer opportunities for those interested in motorized recreation.

North Dakota trail enthusiasts have formed a variety of trail user and advocacy groups at the national, state, regional and local levels to support the development and maintenance of trail systems. Active trail groups include the Maah Daah Hey Trail Association, Save the Maah Dah Hey, North Country Trail Association, North Dakota Back Country Horsemen, North Dakota Dirt Riders, Red River Riders and Snowmobile North Dakota.



Demand and Supply

Trails in North Dakota

Trails continue to be among the most popular outdoor recreation infrastructure in North Dakota, utilized by both citizens and visitors to the state.

Definitions

Support facilities along trails can impact a user's interest level and are categorized as follows:

- Primitive trails have neither restrooms nor running water.
- Semi-modern trails have restrooms but no running water.
- Modern trails have permanent restrooms and running water.

PERSPECTIVES FROM NORTH DAKOTANS

A 2017 survey of North Dakota households was conducted to assess interest in outdoor recreation activities and to identify the perceived quantity and quality of facilities for these activities.

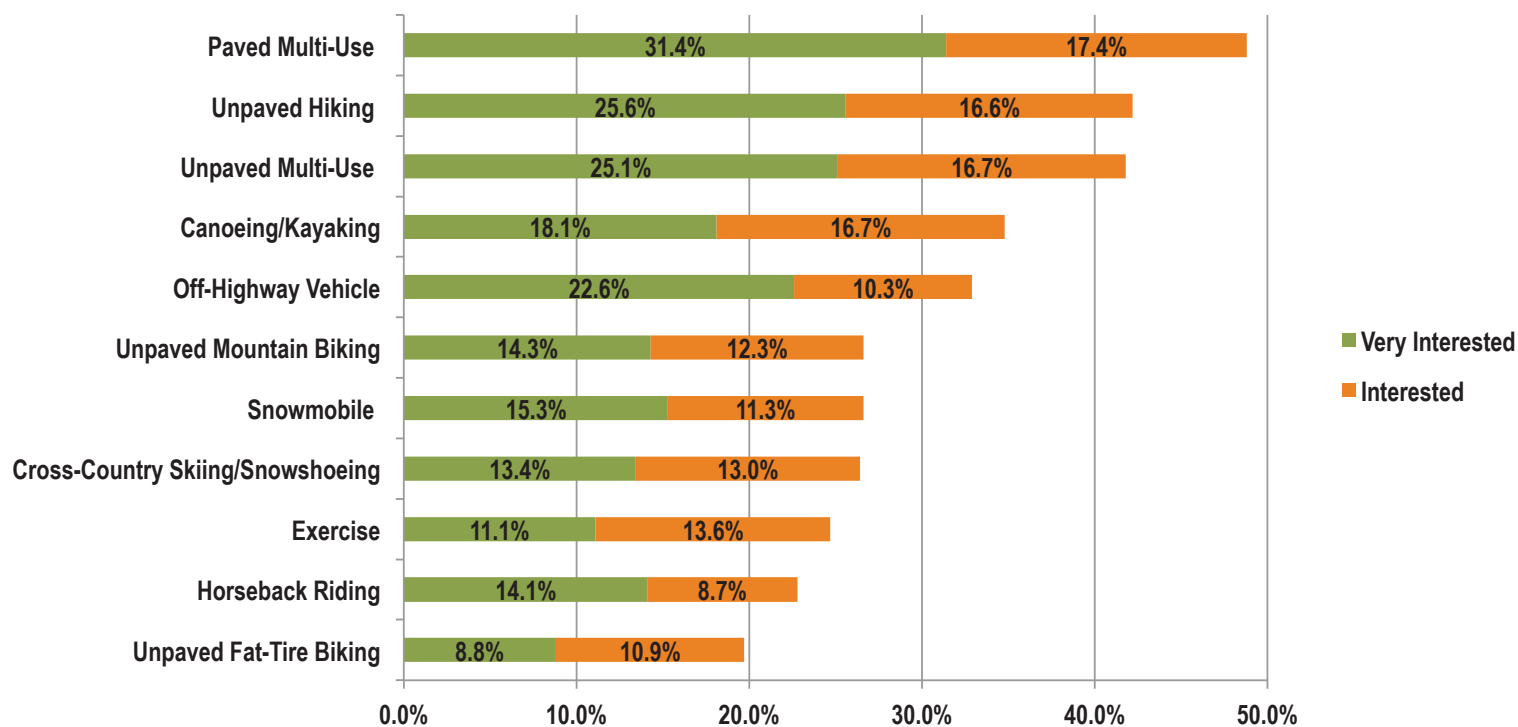
Non-motorized trail usage is one of the most popular outdoor recreation activities for North Dakota households, with 61% interested in using trails for walking, running, bicycling or horseback riding. Five years ago, 58% were interested in using non-motorized trails. When asked an open-ended question about what outdoor activities or facilities they would like to see offered or expanded in North Dakota, the largest number of North Dakota households expressed interest in trails for non-motorized use.

The specific trail activities that interest the most North Dakota households include:

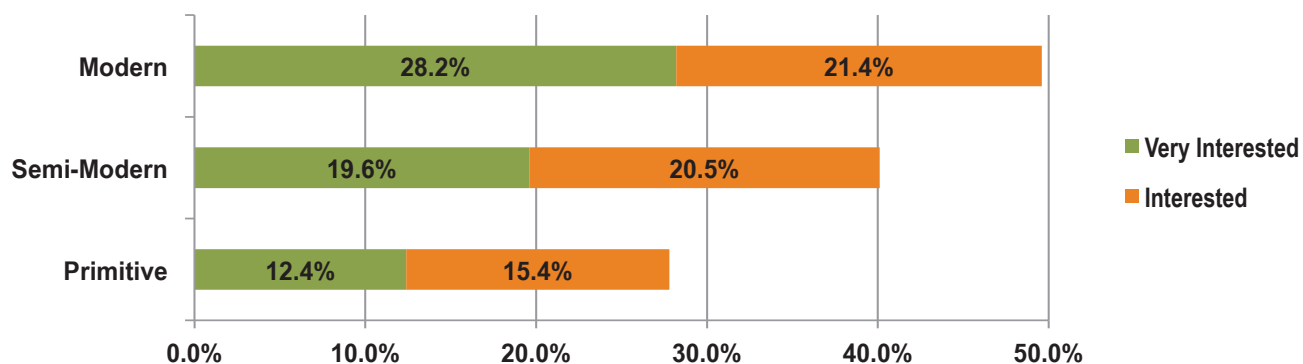
- Using modern trails (50%).
- Using paved multi-use (walking, jogging or bicycling) trails (49%).



Trail Usage Interest by North Dakotans



Non-Motorized Trail Usage Interest by North Dakotans Based on Amenities

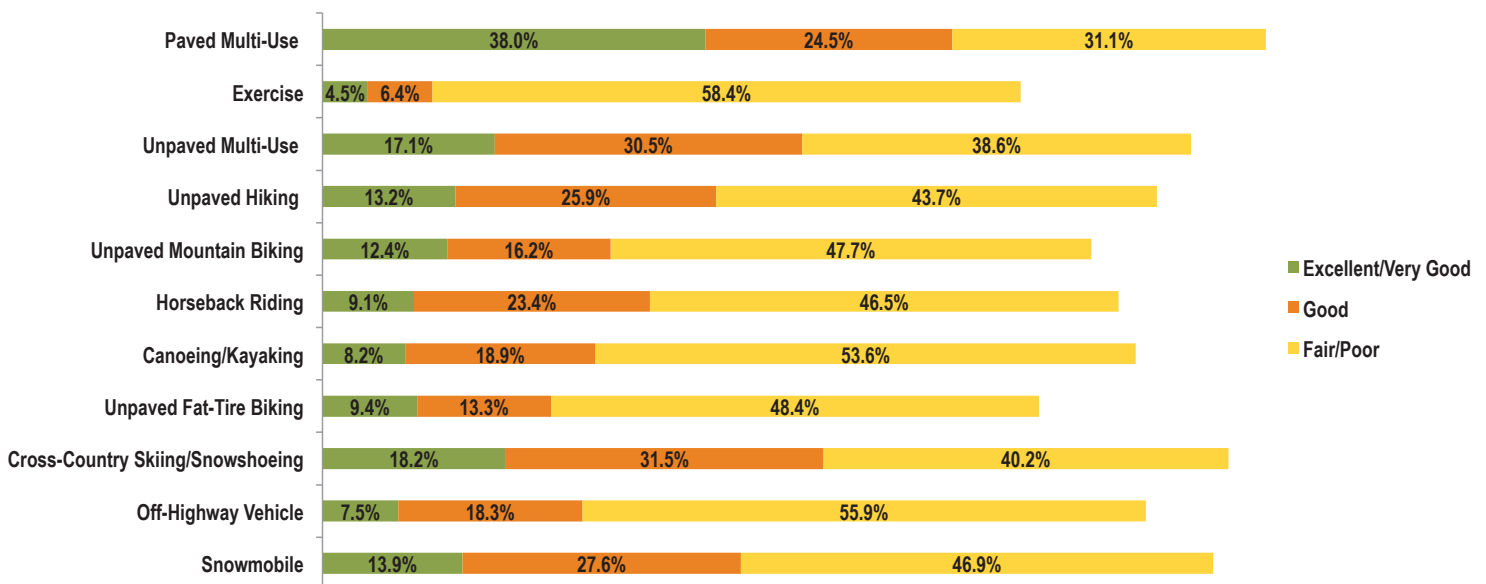


The quality and quantity of trails are critical to the recreation user's experience. North Dakota households that expressed interest in using trails were asked to rate the number of trails and the overall condition of those trails in their area on a five-point scale: excellent, very good, good, fair or poor.

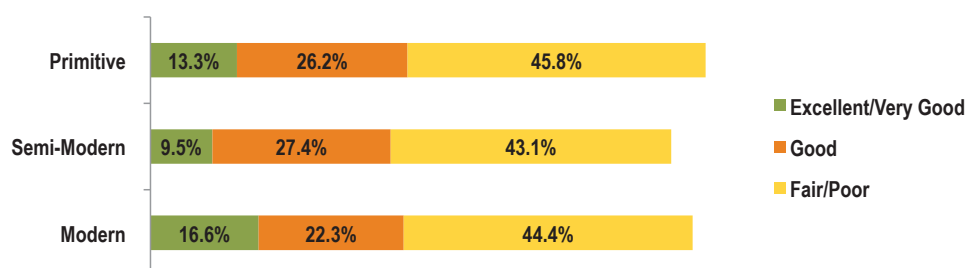
Thirty-eight percent of North Dakota households rate the number and condition of paved multi-use trails as excellent or very good. In contrast, fair or poor ratings are given to:

- Exercise trails with exercise machines or equipment at stations (58%).
- Off-highway vehicle (ATV, dirt bike or side by side) trails (56%).
- Designated paddling trails for canoeing or kayaking (54%).
- Unpaved fat-tire biking trails (48%).

Trail Quality and Quantity in North Dakota

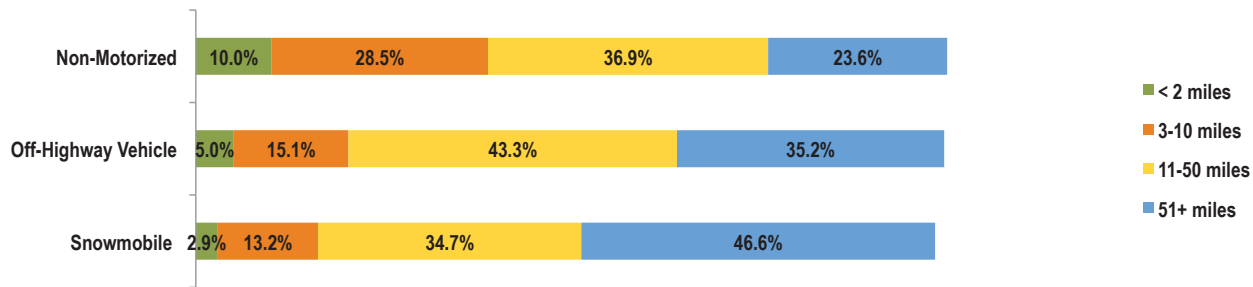


Quality and Quantity of Non-Motorized Trails Based on Amenities in North Dakota



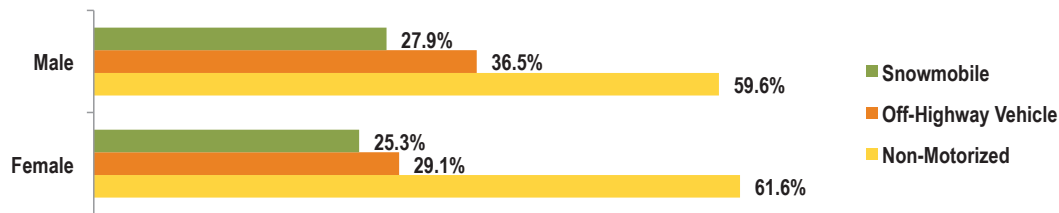
North Dakota households are willing to travel farther to use motorized trails than non-motorized trails, with 47% of North Dakota households interested in snowmobiling willing to drive more than 50 miles to use trails.

Farthest Distance North Dakota Trail Users Are Willing to Travel

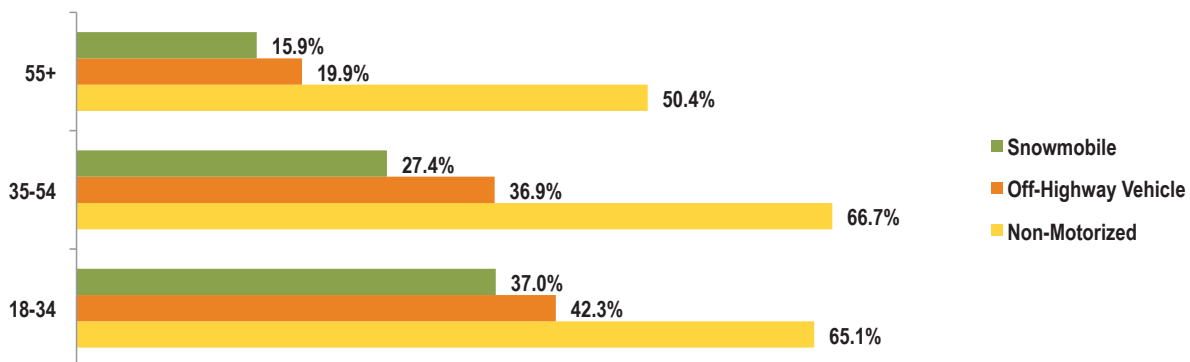


Interest in trails varies somewhat when considering the demographics of North Dakotans or North Dakota households. Men are more interested in using off-highway vehicle (ATV, dirt bike or side by side) and snowmobile trails than women. Motorized trail interest increases as community population decreases.

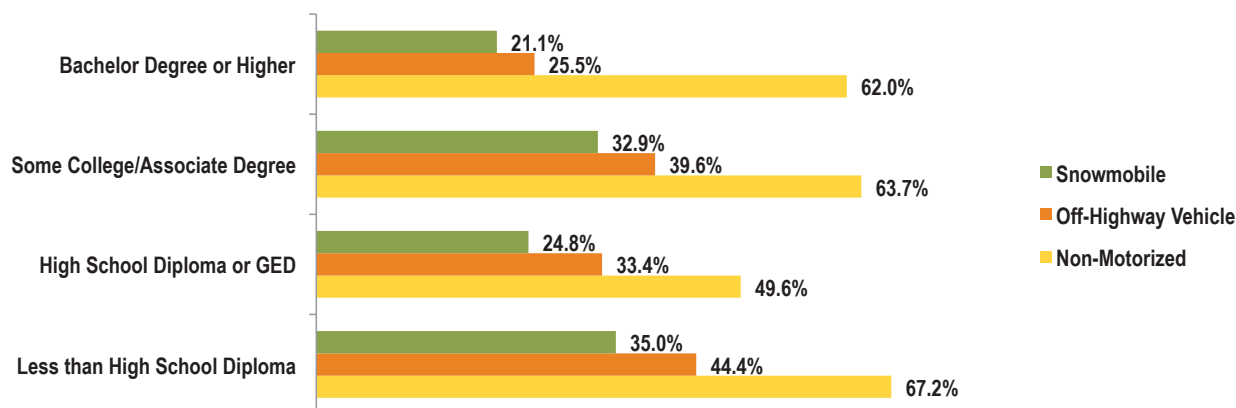
Trail Usage Interest by Gender



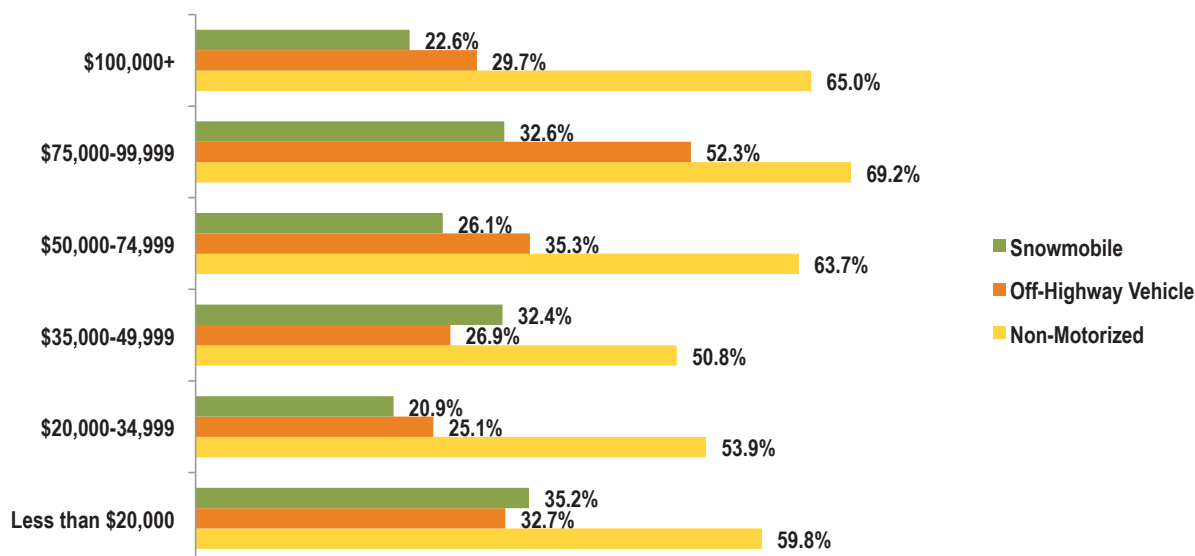
Trail Usage Interest by Age



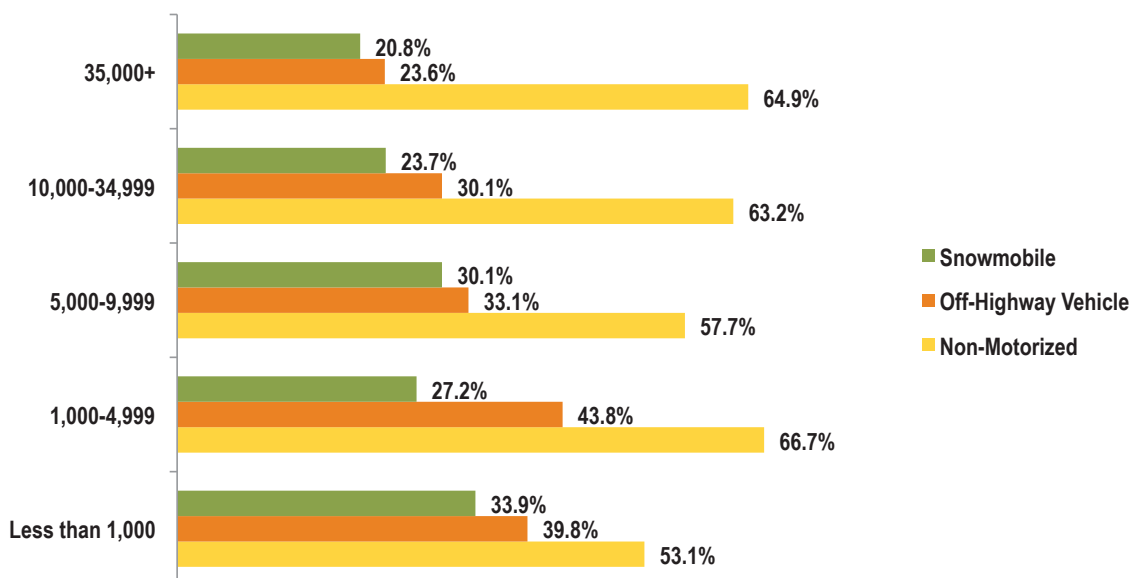
Trail Usage Interest by Education Level



Trail Usage Interest by Household Income Level



Trail Usage Interest by Community Population



Comparing North Dakota households' interest in using different types of trails with their rating of the number and condition of such trails (excellent/very good versus fair/poor) provides a strength-weakness grid. The quality/quantity percentage in the chart shows the difference between the percentage of households that rated a type of trail excellent or very good versus fair or poor.

Modern and semi-modern trails, as well as unpaved multi-use trails, hiking trails and paddling trails for canoeing/kayaking, are primary weaknesses throughout the state. This means there is a high level of interest in these types of trails, but the overall number and condition is rated fair or poor. In contrast, paved multi-use trails are primary strengths, according to North Dakota households.

Strength-Weakness Trail Grid

Trail Type	Interest Level	Quality/Quantity Rating	Strength/Weakness Category
NON-MOTORIZED			
Paved Multi-Use	48.8%	6.9%	Primary Strength
Exercise with Stations	24.7%	-53.9%	Secondary Weakness
Unpaved Multi-Use	41.8%	-21.5%	Primary Weakness
Unpaved Hiking	42.2%	-30.5%	Primary Weakness
Unpaved Mountain Biking	26.7%	-11.3%	Secondary Weakness
Horseback Riding	22.8%	-37.4%	Secondary Weakness
Paddling for Canoeing/Kayaking	34.8%	-45.4%	Primary Weakness
Cross-Country Skiing/Snowshoeing	26.5%	-22.0%	Secondary Weakness
Fat-Tire Biking	19.7%	-39.0%	Secondary Weakness
NON-MOTORIZED AMENITIES			
Modern	49.6%	-27.8%	Primary Weakness
Semi-Modern	40.1%	-33.6%	Primary Weakness
Primitive	27.8%	-32.5%	Secondary Weakness
MOTORIZED			
Off-Highway Vehicle	32.9%	-48.4%	Secondary Weakness
Snowmobile	26.6%	-33.0%	Secondary Weakness



PERSPECTIVES FROM PROVIDERS

A 2017 survey of North Dakota outdoor recreation providers was completed to assess perceived demand for various outdoor recreation facilities, inventory the quantity and condition of such facilities, and solicit input on future demand and needs.

Public providers reported on the demand for and condition of trails under their management. The types of trails for which the highest proportion of providers say demand exceeds supply include:

- Paved multi-use trails (31.2%).
- Unpaved multi-use trails (26.7%).
- Unpaved mountain biking trails (22.7%).
- Off-highway vehicle (ATV, dirt bike or side by side) trails (22.3%).

Trail Demand Assessed by North Dakota Providers

Trails	Demand Greatly Exceeds Supply	Demand Slightly Exceeds Supply	Overall Demand Exceeds Supply
NON-MOTORIZED			
Paved Multi-Use	10.4%	20.8%	31.2%
Exercise with Stations	5.9%	7.4%	13.3%
Unpaved Multi-Use	7.9%	18.8%	26.7%
Unpaved Hiking	6.4%	14.9%	21.3%
Unpaved Mountain Biking	5.9%	16.8%	22.7%
Horseback Riding	4.5%	5.4%	9.9%
Paddling for Canoes/Kayaks	4.5%	5.0%	9.5%
Cross-Country Skiing/Snowshoeing	6.4%	9.9%	16.3%
Fat-Tire Biking	4.0%	6.9%	10.9%
NON-MOTORIZED AMENITIES			
Primitive	4.0%	13.4%	17.4%
Semi-Modern	5.4%	11.4%	16.8%
Modern	5.4%	10.4%	15.8%
MOTORIZED			
Off-Highway Vehicle	12.4%	9.9%	22.3%
Snowmobile	5.0%	8.9%	13.9%

Providers with the following types of trails report they are in poor condition:

- Unpaved multi-use trails (16%).
- Exercise trails with exercise machines or equipment at stations (11%).

Trail Condition Assessed by North Dakota Providers

Trails	Good Condition	Adequate Condition	Poor Condition
NON-MOTORIZED			
Paved Multi-Use	44.6%	51.3%	4.1%
Exercise with Stations	77.8%	11.1%	11.1%
Unpaved Multi-Use	38.7%	45.6%	15.7%
Unpaved Hiking Only	54.0%	43.0%	3.0%
Unpaved Mountain Biking Only	65.1%	31.2%	3.7%
Horseback Riding	55.0%	45.0%	0.0%
Paddling for Canoes/Kayaks	58.3%	40.8%	0.9%
Cross-Country Skiing/ Snowshoeing	22.0%	78.0%	0.0%
Fat-Tire Biking	55.7%	44.3%	0.0%
NON-MOTORIZED AMENITIES			
Primitive	17.8%	81.4%	0.8%
Semi-Modern	29.2%	69.7%	1.1%
Modern	55.9%	43.3%	0.8%
MOTORIZED			
Off-Highway Vehicle	50%	50%	0.0%
Snowmobile	0.3%	99.7%	0.0%



Priorities

Trails in North Dakota

Based on analysis of the demand for and supply of outdoor recreation facilities in North Dakota, facility needs are prioritized into three levels: primary, secondary and tertiary. Non-motorized trails are a primary need statewide and in each of the eight planning regions. Motorized trails are a tertiary need statewide and in Regions 4, 6, 7 and 8, as well as a secondary need in Region 3.

STATEWIDE TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Sixty-one percent of North Dakota households are interested in using trails for walking, running, bicycling or horseback riding. Household also expressed interest in using modern trails (50%), paved multi-use trails (49%), unpaved hiking trails (42%), unpaved multi-use trails (42%) and semi-modern trails (40%). Semi-modern trails, hiking trails, modern and unpaved multi-use trails are primary weaknesses statewide. The following percentage of providers report demand exceeds supply: 31% for paved multi-use trails, 27% for unpaved multi-use trails, 23% for mountain biking trails and 21% for hiking trails.

Tertiary Need: Motorized Trails

Twenty-two percent of providers statewide report demand exceeds supply for off-highway vehicle (ATV, dirt bike or side by side) trails.

REGION 1 TRAIL PRIORITIES

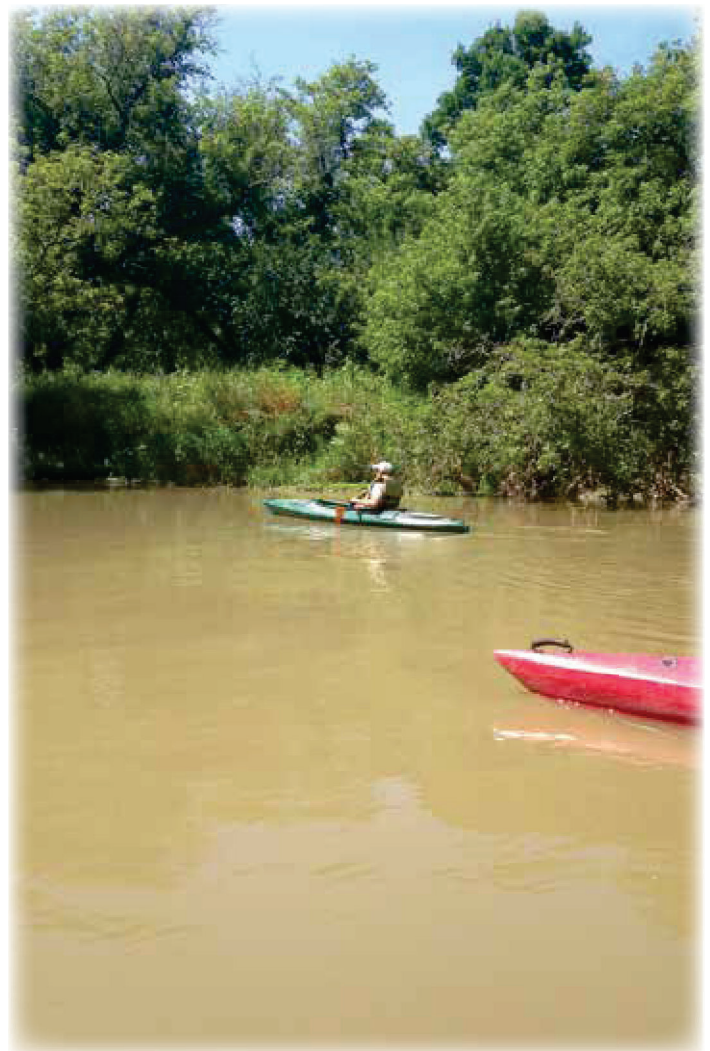
Primary Need: Non-Motorized Trails

Using trails for walking, running, bicycling or horseback riding is of interest to 55% of North Dakota households in Region 1, with 47% interested in modern trails. Modern trails, semi-modern trails and unpaved multi-use trails are primary weaknesses for the region. Twenty-nine percent of providers report demand exceeds supply for paved multi-use trails and exercise trails, while 22% say the same for hiking trails.

REGION 2 TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Fifty-eight percent of North Dakota households in Region 2 are interested in using trails for walking, running, bicycling or horseback riding, with 48% interested in modern trails and 42% in semi-modern. Forty-seven percent are interested in paved multi-use trails compared to 42% in hiking. Primary weaknesses include semi-modern trails, unpaved multi-use trails, modern trails and hiking trails. Twenty-four percent of providers report demand exceeds supply for hiking trails.





REGION 3 TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Sixty-one percent of Region 3 households are interested in using designated trails for walking, running, bicycling or horse riding. Fifty-one percent are interested in using modern trails, while 44% are interested in using semi-modern trails. Forty-seven percent of households are interested in using paved multi-use trails and 39% in unpaved multi-use trails. Hiking trails are of interest to 41 percent of households. Semi-modern, modern trails, hiking trails, paved multi-use trails and unpaved multi-use trails are primary weaknesses. Providers report demand exceeds supply in the following areas: paved multi-use trails (38%), hiking trails (38%), unpaved multi-use trails (29%) and semi-modern trails (24%). Providers report 40% of paved multi-use trails in the region are in poor condition.

Secondary Need: Motorized Trails

Using designated trails for riding off-highway vehicles (ATVs, dirt bikes or side by sides) is of interest to 43% of households in the region. OHV trails are primary weaknesses. Thirty-eight percent of providers report demand exceeds supply for OHV trails.

REGION 4 TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Trails for walking, running, bicycling or horseback riding are of interest to 62% of Region 4 households, with 50% interested in modern trails and 41% in semi-modern trails. Forty-eight percent are interested in hiking trails and paved multi-use trails, while 46% are interested in unpaved multi-use trails. Primary weaknesses are hiking trails and semi-modern trails. According to providers, demand exceeds supply for unpaved multi-use trails (36%), paved multi-use trails (32%), mountain biking trails (28%), hiking trails (24%), semi-modern trails (20%) and modern trails (20%).

Tertiary Need: Motorized Trails

Twenty-eight percent of the region's providers report demand exceeds supply for off-highway vehicle (ATV, dirt bike or side by side) trails. OHV trails are primary weaknesses.

REGION 5 TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Trails for walking, running, bicycling or horseback riding are of interest to 61% of Region 5 households with 51% interested in modern trails. Fifty-one percent are interested in using paved multi-use trails while 44% are interested in unpaved multi-use trails. Hiking trails, semi-modern trails, modern trails and unpaved multi-use trails are primary weaknesses. Providers note demand exceeds supply for paved multi-use trails (25%), unpaved multi-use trails (25%) and exercise trails (22%).

REGION 6 TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Fifty-four percent of North Dakota households in Region 6 are interested in using designated trails for walking, running, bicycling or horseback riding, while 45% are interested in using modern trails and paved multi-use trails. Primary weaknesses are semi-modern trails, modern trails, hiking trails, unpaved multi-use trails and paved multi-use trails. Paved multi-use trails (33%) and mountain biking trails (26%) are facilities where providers say demand exceeds supply. Providers report 23% of paved multi-use trails in the region are in poor condition.



Tertiary Need: Motorized Trails

Off-highway vehicle (ATV, dirt bike or side by side) trails are primary weaknesses in the region.

REGION 7 TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Trails for walking, running, bicycling or horseback riding are of interest to 66% of Region 7 households. Fifty-four percent are interested in using paved multi-use trails, 53% in modern trails, 47% in hiking trails, 46% in unpaved multi-use trails and 46% in semi-modern trails. Hiking trails and semi-modern trails are primary weaknesses. Providers listed paved multi-use trails (33%), unpaved multi-use trails (31%) and mountain biking trails (24%) as facilities where demand exceeds supply. According to providers, all exercise trails in the region are in poor condition, as are 29% of mountain biking trails.

Tertiary Need: Motorized Trails

Demand exceeds supply for off-highway vehicle (ATV/dirt bike/side by side) trails and snowmobile trails, according to 21% of Region 7 providers.

REGION 8 TRAIL PRIORITIES

Primary Need: Non-Motorized Trails

Fifty-six percent of North Dakota households in the region are interested in using designated trails for walking, running, bicycling or horseback riding with 44% interested in modern trails. Hiking trails, modern trails, unpaved multi-use trails, semi-modern trails and paved multi-use trails are primary weaknesses. According to providers, demand exceeds supply for the following facilities: paved multi-use trails (42%), unpaved multi-use trails (36%), primitive trails (36%), modern trails (36%), hiking trails (33%), mountain biking trails (33%), exercise trails (26%) and semi-modern trails (31%). According to providers, 33% of hiking trails in the region are in poor condition.

Tertiary Need: Motorized Trails

Off-highway vehicle (ATV, dirt bike or side by side) trails are primary weaknesses. Thirty-eight percent of providers report demand exceeds supply for OHV trails and 27% say the same for snowmobile trails.

Survey Data

In January 2017, the North Dakota Parks and Recreation Department (NDPRD) contracted with Clearwater Communications, Bismarck, to perform survey and planning services to develop the *2018-2022 North Dakota State Comprehensive Outdoor Recreation Plan (SCORP)*, along with two companion publications, *Recreational Trail Needs* and *Wetlands Priorities*.

Clearwater Communications subcontracted with Winkelman Consulting to complete the research portion of the project, which included surveys of North Dakota households and outdoor recreation providers to determine demand for and supply of outdoor recreation facilities in the state. For the household survey, 800 North Dakotans

over the age of 18 were surveyed by telephone in March 2017, resulting in a 95% confidence level with a maximum margin of error of $\pm 3.5\%$.

For the provider survey, 68% of North Dakota's 314 outdoor recreation providers (214) completed the mail survey in February and March 2017, resulting in a 95% confidence level with a maximum margin of error of $\pm 4.0\%$.

Recreational Trail Needs summarizes the research on the demand for and supply of non-motorized and motorized trails in North Dakota.





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