



Environment and Natural Resources Trust Fund

M.L. 2022 Approved Work Plan

General Information

ID Number: 2022-111

Staff Lead: Michael Varien

Date this document submitted to LCCMR: June 2, 2022

Project Title: Minnesota State Parks and State Trails Maintenance and

Project Budget: \$3,783,000

Project Manager Information

Name: Shelby Kok

Organization: MN DNR - State Parks and Trails Division

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Project Reporting

Date Work Plan Approved by LCCMR: June 27, 2022

Reporting Schedule: March 1 / September 1 of each year.

Project Completion: June 30, 2025

Final Report Due Date: August 14, 2025

Legal Information

Legal Citation: M.L. 2022, Chp. 94, Art. , Sec. 2, Subd. 09f

Appropriation Language: \$1,600,000 the second year is from the trust fund to the commissioner of natural resources for maintenance and development at state parks, recreation areas, and trails to protect Minnesota's natural heritage, enhance outdoor recreation, and improve the efficiency of public land management.

(a) The following amounts, estimated to be \$2,183,000, are transferred to the commissioner of natural resources for maintenance and development at state parks, recreation areas, and trails to protect Minnesota's natural heritage, enhance outdoor recreation, and improve the efficiency of public land management:

- (1) the unencumbered amount, estimated to be \$925,000, in Laws 2017, chapter 96, section 2, subdivision 7, paragraph (d), District Heating with Renewable Biomass at Camp Ripley Training Center;
- (2) the unencumbered amount, estimated to be \$910,000, in Laws 2017, chapter 96, section 2, subdivision 9, paragraph (e), as amended by Laws 2019, First Special Session chapter 4, article 2, section 4, Native Prairie Stewardship and Prairie Bank Easement Acquisition; and
- (3) \$348,000 of the unencumbered amount, estimated to be \$550,000, in Laws 2018, chapter 214, section 2, subdivision 9, paragraph (d), Mississippi Blufflands State Trail - Red Wing Barn Bluff to Colvill Park Segment.

Appropriation End Date: June 30, 2025

Narrative

Project Summary: This project proposes to maintain and expand recreational opportunities in Minnesota State Parks, State Recreation Area, and State Trails through the rehabilitation and enhancement of existing facilities and amenities by repair.

Describe the opportunity or problem your proposal seeks to address. Include any relevant background information.

Each of the individual projects identified by the Minnesota Department of Natural Resource (MN DNR), Parks and Trails Division in this proposal represents opportunities to enhance recreational opportunities and improve user safety by completing the construction of 1.5 miles of new State Trail, bringing Soudan Mine Shaft into user compliance, and rehabilitate and restore portions of the historic Tettegouche Camp.

The State Trail development project represents an expansion and a critical connection for the Gitchi Gami State Trail to Lutsen, MN. The Soudan Mine Shaft is a part of the National Historic Landmark and is currently closed for public mine tours, due to the condition. The completion of the mine project will allow the park to resume tours, which has hundreds of visitors annually. Tettegouche Camp is within Tettegouche State Park Historic District. The proposed restoration and rehabilitation will return the facilities into a safe, useable condition.

What is your proposed solution to the problem or opportunity discussed above? Introduce us to the work you are seeking funding to do. You will be asked to expand on this proposed solution in Activities & Milestones.

This proposal will complete the development of approximately 1.5 miles of new state trail, rehabilitate of the Soudan Mine Shaft, and rehabilitate several building making up Tettegouche Camp. The projects will take place on the Gitichi Gami State Trail, and within Lake Vermilion – Soudan Underground, and Tettegouche State Parks. The projects will include ADA improvements and requirements.

What are the specific project outcomes as they relate to the public purpose of protection, conservation, preservation, and enhancement of the state’s natural resources?

The successful completion of the individual projects will permit the safe, continued or expanded use of MN DNR administered State Park and State Trails while also protecting the natural communities and cultural resource areas within the Parks and along the State Trail corridors. This will allow users to enjoy the facilities and surrounding resources. Each project is designed to avoid or minimize potential impacts on known natural and cultural resources. The projects are subject to formal resource assessments to identify resource and resource protection options.

Project Location

What is the best scale for describing where your work will take place?

Statewide

What is the best scale to describe the area impacted by your work?

Statewide

When will the work impact occur?

During the Project and In the Future

Activities and Milestones

Activity 1: Rehabilitation of Tettegouche Camp in Tettegouche State Park

Activity Budget: \$1,000,000

Activity Description:

Tettegouche Camp is a unique site to the state park system with log cabins and outbuilding, and the only historic district within Tettegouche State Park. The site was originally built as a hunting camp in 1910 and currently has hike-in only cabin rentals. The project includes different levels of rehabilitation for five structures in the camp; cabins A, B, and D; the boat shelter; and the lodge. The last rehabilitation project was done over thirty years ago, and the historic structures require major rehabilitation. The plans and specifications for the proposed work have been completed and include, structural roof repairs, reroofing, foundation repair, log replacement, and rebuilding of log crib docks that support the boat shelter are included. Tettegouche Camp is open year-round with day use and overnight facilities available to the public. Legacy Fund and the Land and Water Conservation Fund have been awarded toward this project totaling \$105,000 to support the archeology consultant and masonry repairs.

Activity Milestones:

Description	Approximate Completion Date
Construction Contract Awarded	January 31, 2023
Project Engineering Complete	January 31, 2023
Project Construction Complete	June 30, 2025
Project Closeout and Final Reporting	June 30, 2025

Activity 2: Development of Gtichi Gami State Trail: Lutsen Connection

Activity Budget: \$400,000

Activity Description:

This activity proposes the development of a new 1.5 mile segment of the Gitchi Gami State Trail extending from the trail's current terminus at "Ski Hill Road" to the southern limits of the community of Lutsen. The existing State Trail segment that terminates at Ski Hill Road, extends south approximately 10.5 miles thru the community of Tofte and Temperance River State Park, terminating in Town of Schroeder. Preliminary engineering and design have been completed and the required trail corridor acquired and secured. This ENRTF Activity Budget will provide the additional or supplemental funding required for successful project completion based upon an updated 2022 project construction cost estimate. Existing project funding includes a \$600,000 Federal Transportation Alternatives Grant awarded to this project in 2017 and a 2019 ENRTF project award of \$500,000. The estimated cost to design and develop the Gitchi Gami State Trail / Lutsen Segment is currently \$1,500,000.

Activity Milestones:

Description	Approximate Completion Date
Description Project Engineering Complete	September 30, 2022
Project Construction Contract Awarded	December 31, 2022
Project Construction Completed	December 31, 2023
Project Closeout and Final Project Reporting	June 30, 2025

Activity 3: Rehabilitation of Soudan Mine Shaft in Soudan State Park

Activity Budget: \$2,383,000

Activity Description:

The rehabilitation of the historic mine shaft, which is part of the National Historic Landmark and one of Minnesota’s largest bat hibernacula, is an essential to Lake Vermilion–Soudan Underground Mine State Park. The plans and specification for the rehabilitation of the infrastructure are complete and will allow for access to continue maintenance and operation of the site. The rehabilitation will include replacement the steel frame, application of shotcrete to the walls, and removal of debris. These improvements will allow for federal and state threatened bat species to continue hibernating, increase the safety, and will allow for increased life of the infrastructure. Once the rehabilitation is completed, the currently suspended Mine tours can resume, which bring hundreds of visitors to the site every year. Existing project funding includes a \$7,500,000 million Asset Preservation awarded to the project in 2020 and \$1,000,000 Lake Vermilion Bonding in 2018. The estimated cost for this project is \$8,500,000. The Asset Preservation funding currently assigned towards the Mine Shaft a portion would be released to allow for work at Gooseberry Falls State Park, restorations of a historic bathroom with adjoining picnic shelter and backlog of facility maintenance projects.

Activity Milestones:

Description	Approximate Completion Date
Project Construction Complete	December 31, 2023
Project Closeout and Final Reporting	June 30, 2024

Project Partners and Collaborators

Name	Organization	Role	Receiving Funds
MNDOT	MN DOT	State Trail right-of-way along TH61 at Lutsen	No

Dissemination

Describe your plans for dissemination, presentation, documentation, or sharing of data, results, samples, physical collections, and other products and how they will follow ENRTF Acknowledgement Requirements and Guidelines.

The plans and specifications for each project will include the LCCMR/ENRTF Logo, the LCCMR/ENRTF logo will be affixed to each structure and State Trail signs at State administered trailheads will include acknowledgment of LCCMR/ENRTF support.

Long-Term Implementation and Funding

Describe how the results will be implemented and how any ongoing effort will be funded. If not already addressed as part of the project, how will findings, results, and products developed be implemented after project completion? If additional work is needed, how will this work be funded?

Each of the projects are existing components of the Outdoor Recreation System and will be implemented through the MN DNR Parks and Trails Division staff. All project engineering, design, contract administration and construction inspection will be completed by or under the oversight of the MN DNR Operation Services Division. The MN DNR will operate, maintain, and protect the facilities when complete. The implementation of the park projects will reduce the annual operational costs for the next 20 years. In addition to the safety and accessibility improvements proposed. The new trail development does not anticipate maintenance or improvement for 15-20 years.

Other ENRTF Appropriations Awarded in the Last Six Years

Name	Appropriation	Amount Awarded
State Parks and State Trails Land Acquisitions	M.L. 2015, Chp. 76, Sec. 2, Subd. 09a	\$1,500,000
Minnesota State Parks and State Trails Land Acquisition	M.L. 2017, Chp. 96, Sec. 2, Subd. 09c	\$1,500,000
Minnesota State Parks and State Trails	M.L. 2018, Chp. 214, Art. 4, Sec. 2, Subd. 09k	\$2,500,000
Minnesota State Parks and State Trails In-Holdings	M.L. 2019, First Special Session, Chp. 4, Art. 2, Sec. 2, Subd. 09c	\$2,000,000

Budget Summary

Category / Name	Subcategory or Type	Description	Purpose	Gen. Ineligible	% Benefits	# FTE	Classified Staff?	\$ Amount
Personnel								
							Sub Total	-
Contracts and Services								
MNDNR OSD Division	Professional or Technical Service Contract	All proposed project engineering, design, contract administration and construction inspection will be completed by or under the direct oversight of the MNDNR Division of Operation Services / Construction and Design				3		\$175,000
							Sub Total	\$175,000
Equipment, Tools, and Supplies								
							Sub Total	-
Capital Expenditures								
		Tettegouche Camp	The project includes different levels of rehabilitation for five historic log structures in the camp; cabins A, B, and D; the boat shed; and the lodge.	X				\$904,554
		Gitchi Gami State Trail	Proposed development of the new 1.5 mile segment of the Gitchi Gami State Trail that is located immediately south/west of the community of Lutsen	X				\$400,000
		Soudan Mine Shaft	The rehabilitation will include replacement the steel frame, application of shotcrete to the walls, and removal of debris.	X				\$2,255,739
							Sub Total	\$3,560,293
Acquisitions and Stewardship								

							Sub Total	-
Travel In Minnesota								
							Sub Total	-
Travel Outside Minnesota								
							Sub Total	-
Printing and Publication								
							Sub Total	-
Other Expenses								
		MN DNR Direct and Necessary Costs	Pay for activities that are directly related to and necessary for accomplishing appropriated programs/projects. Direct and necessary costs cover HR Support (~\$0), Safety Support (~\$0), Financial Support (~\$45,388), Communication Support (~\$1.311), IT Support (~\$0), and Planning Support (~\$1,008) that are necessary to accomplishing funded programs/projects					\$47,707
							Sub Total	\$47,707
							Grand Total	\$3,783,000

Classified Staff or Generally Ineligible Expenses

Category/Name	Subcategory or Type	Description	Justification Ineligible Expense or Classified Staff Request
Capital Expenditures		Tettegouche Camp	All anticipated costs are considered to be eligible. Additional Explanation : The proposed camp improvements will be maintained by the MnDNR for the improvements with a useful life. Additional Explanation : The proposed camp improvements will be maintained by the MnDNR for the improvements with a useful life.
Capital Expenditures		Gltchi Gami State Trail	All anticipated costs are considered to be eligible. Additional Explanation : The proposed trail improvements will be maintained by the MnDNR for the improvements useful life. Additional Explanation : The proposed trail improvements will be maintained by the MnDNR for the improvements useful life.
Capital Expenditures		Soudan Mine Shaft	All anticipated costs are considered to be eligible. Additional Explanation : The proposed Soundan mine shaft improvements will be maintained by the MnDNR for the improvements useful life. Additional Explanation : The proposed Soundan mine shaft improvements will be maintained by the MnDNR for the improvements useful life.

Non ENRTF Funds

Category	Specific Source	Use	Status	\$ Amount
State				
Cash	Parks and Trails Legacy Funds FY19	Tettegouche Camp – arch consultant	Secured	\$75,000
Cash	Land and Water Conservation Fund FY22	Tettegouche Camp – masonry repair	Secured	\$30,000
Cash	Asset Preservation Bonding FY2020	Mine Shaft – Engineer consultant and rehab construction	Secured	\$7,000,000
Cash	Lake Vermilion Soudan Underground Mine Bonding FY18	Mine Shaft – rehab construction	Secured	\$1,500,000
Cash	Bonding – TBD	Increase the existing consulting contract Soudan	Pending	\$250,000
			State Sub Total	\$8,855,000
Non-State				
Cash	Federal Transportation Alternatives Grant	Construction of the Lutsen Segment of the Gitchi Gami State Trail	Secured	\$600,000
			Non State Sub Total	\$600,000
			Funds Total	\$9,455,000

Attachments

Required Attachments

Visual Component

File: [8ceca77c-712.pdf](#)

Alternate Text for Visual Component

Location Map of Minnesota State Park and State Trail Maintenance and Development Projects Identified and three separate inset maps providing detailed project locations....

Optional Attachments

Support Letter or Other

Title	File
Background Check Certification Form	bf4a1e1e-bc4.pdf

Difference between Proposal and Work Plan

Describe changes from Proposal to Work Plan Stage

During the legislative session there was a desire to change the proposed project from acquisition to maintenance and development. The Work Plan changes reflect the direction given.

Additional Acknowledgements and Conditions:

The following are acknowledgements and conditions beyond those already included in the above workplan:

Do you understand and acknowledge the ENRTF repayment requirements if the use of capital equipment changes?

Yes

Do you agree travel expenses must follow the "Commissioner's Plan" promulgated by the Commissioner of Management of Budget or, for University of Minnesota projects, the University of Minnesota plan?

N/A

Does your project have potential for royalties, copyrights, patents, or sale of products and assets?

No

Do you understand and acknowledge IP and revenue-return and sharing requirements in 116P.10?

N/A

Do you wish to request reinvestment of any revenues into your project instead of returning revenue to the ENRTF?

N/A

Does your project include original, hypothesis-driven research?

No

Does the organization have a fiscal agent for this project?

No

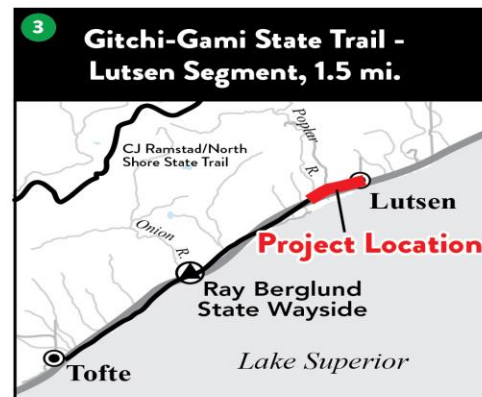
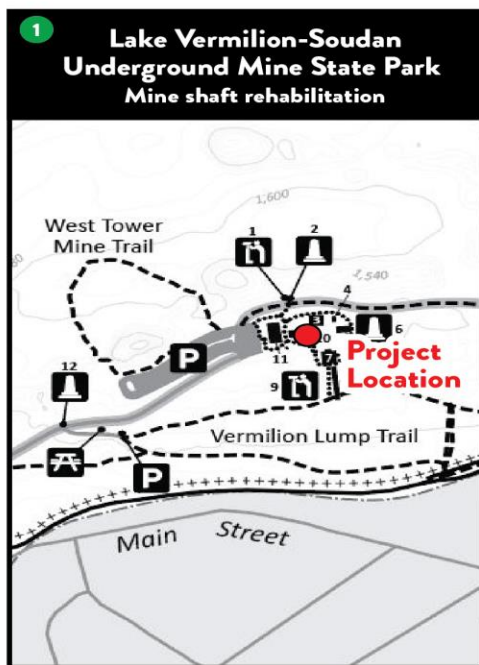
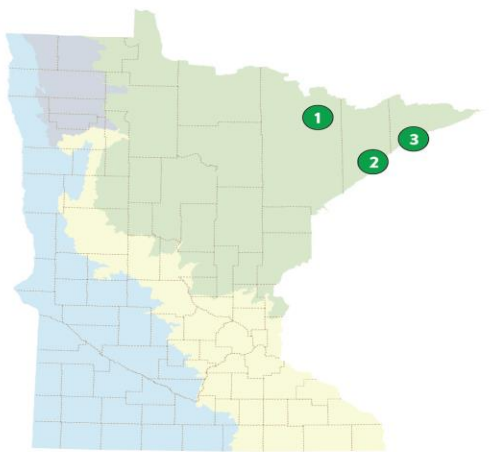


Figure 1 Location Map of Minnesota State Park and State Trail Maintenance and Development Projects Identified and three separate inset maps providing detailed project locations.

