

**MISSOURI-MADISON RIVER FUND
RECREATION PROJECT
APPLICATION FORM FY2019**

Project Name: _____Roe Island Wall Repair_____

Reservoir or River Segment: _____Rainbow Reservoir_____ County(ies): _____Cascade_____

Site Name (or legal location if no site name): _____Giant Springs State Park_____

Applicant Name and Agency _____Clark Carlson-Thompson_____

Position (if applicable) _____Giant Springs State Park Manager, Montana State Parks_____

Address _____4803 Giant Springs Road Great Falls, MT 59405_____

Telephone # _____406-727-1212_____ E-mail _____ccarlson-thompson@mt.gov_____

Project Sponsor:

A Project Sponsor is required in order to submit an application to the River Fund. Project sponsors serve as active members of Missouri-Madison Regional Working Groups, and include representatives of the U.S. Forest Service; Bureau of Land Management; Montana Fish, Wildlife & Parks; local government; Madison, Gallatin, Broadwater, Chouteau, Lewis and Clark, or Cascade Counties; NorthWestern Energy and the Bureau of Reclamation. Visit www.missourimadison.com for a list of current Regional Working Group members.

Project Sponsor Name _____Clark Carlson-Thompson_____

Agency and Position: _____Montana State Parks, Giant Springs Park Manager, _____

Address _____4803 Giant Springs Road Great Falls MT 59405_____

Telephone # _____406-727-1212_____ E-mail _____ccarlson-thompson@mt.gov_____

Complete the financial section below by providing total project cost, contributions by applicant and cooperators, request for NorthWestern Energy match of agency funds (see detail on page 2 of this application), and River Fund Grant request. Document in-kind contributions by public agencies for determination of NorthWestern Energy match request. A description of funding sources and in-kind contributions should be included in the Project Description.

Financial Support

Total Project Cost: \$ _____6,670_____

Applicant Contributions: \$ _____2,000 (monetary)_____

Other Contributions - Please list by source:

_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

NorthWestern Energy Match Request: \$ _____2,000_____

River Fund Grant Request: \$ _____2,670_____

Proposed Project Implementation Period: _____Summer/Fall 2019_____

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1. Has this project been previously submitted for funding consideration by the River Fund Board, either as a separate project or part of another project? Yes No

If yes, please identify which years the application was submitted and, if the project was previously funded, list the amount funded by year.

2. Is the proposed project at one of the Project 2188 license sites identified in the Missouri-Madison MOU and listed on page A2-2 of the Comprehensive Recreation Plan? Yes No

3. **Project Description:** Provide a brief (½ page) description of the proposed project.

Giant Springs State Park (GSSP) is the most visited State Park in Montana. The Park had approximately 401,000 visits in 2017. The Park's lands vary from very well-manicured areas to open grass lands. Giant Springs includes NorthWestern Energy (NWE), FWP, and State Park properties and a portion of the River's Edge Trail.

The Giant Springs have played a significant role in the history of the area. The land adjoining the springs was originally leased to the City of Great Falls and Fish, Wildlife & Parks by the Montana Power Company in the early 1900's. Montana Power agreed to lease the land with the caveat that it remain a public park, which was adhered to by the City in its development of the area. The Giant Springs area became a State Park in 1972 and continues that prescribed public use.

State Parks staff currently perform routine maintenance of Giant Springs State Park. The repair of the Roe Island wall is outside the scope of normal budgets and staff expertise. The damage, from ice and wave action, includes rock and mortar dislodged from the wall along with significant erosion occurring under the sidewalk adjacent to the wall. This proposed River Fund project would repair and replace the rock work along Rainbow Reservoir as well as segments of the sidewalk that are being undercut from erosion.

4. **Cultural Resource Management:**

Montana State Parks has a Heritage Resources manager that will review the project and the site. Once the project has been reviewed, they will work with the State Historic Preservation Office for approval.

Scoring Criteria

- 5.1 *Project is for operation and maintenance of an existing recreation site or an existing Project 2188 license site.* Describe how the project would support O&M needs at an existing recreation site that are over and above day-to-day site maintenance. Needs may include measures to open a site for public use as well as minor repair; facility upgrade, reconstruction, and replacement; and major site rehabilitation.

Roe Island is one of the historic features in the park. The wall around it was constructed in the 1930's by the Civilian Conservation Corps (CCC). Ice and wave action from the Missouri have caused damage to the historic wall. Water has infiltrated the area beneath the sidewalk adjacent to the wall causing erosion of the base underneath the sidewalk. This area receives a significant amount of use by park visitors so repairs are crucial. Routine maintenance is accomplished by park staff but this project is beyond their expertise.

- 5.2 *Project involves collaboration with other agencies or organizations.* Identify project partners other than NorthWestern Energy or River Fund, if any, and describe their participation. Document all

funding sources and all in-kind support and services to a project, because all are sources of partnerships and in-kind contributions from public agencies qualify for calculation of NorthWestern Energy matching funds. If there are no project partners, explain why.

The project fits in with the Montana State Parks Heritage Resources Strategic plan to proactively manage sites and resources and utilize alternative funding sources. Additionally, the Montana State Parks Heritage Resource Program Manager supports the effort to get the island wall repaired.

5.3 Project provides a benefit to public recreation in the Project Area and addresses specific issues and goals of the Missouri-Madison Comprehensive Recreation Plan (CRP). Identify how the project provides a benefit to public recreation. Describe how specific issues and goals in Chapter 2-1 of the CRP would be supported.

Goal: To provide safe and well-managed recreation sites and dispersed use areas that provide enjoyable user experiences across a spectrum of opportunities and seasons.

The Roe Island is a popular spot for visitors to enjoy the springs as well as to fish. The wall is eroding into the reservoir and the sidewalk segment behind it is being undercut. The wall and sidewalk segment need repairs to maintain public access to the island. The island sees significant use year-round as it connects to the park's arched concrete walkway that circle the springs. The island is also a popular spot for picnicking and watching waterfowl on the reservoir.

Goal: Continue to improve and expand recreation opportunities that offer universal accessibility.

The Roe Island is universally accessible for anglers, walkers, and wildlife viewers. This project would keep the area open, accessible, and safe in future years for recreationists of all abilities.

Goal: To maintain or proactively increase public safety for recreationists in the Project Area.

This project would prevent additional damage to the sidewalks on the historic Roe Island by eliminating the infiltration of water causing erosion.

5.4 Project responds to a clearly identified need. Describe and document the need for this project and how the project would address that need. Cite specific sources, as possible, to establish need and support the project. Discuss consequences if the funding request is unsuccessful. For a new construction or acquisition project, identify how post-project, long-term costs (such as site maintenance and management) will be provided.

Giant Springs State Park received 401,000 visits in 2017. A majority of visitors to the park come to view the springs and utilize the island. If the damage to the wall is not repaired the river will continue to undercut the island sidewalks and allow for the formation of ice in the winter. This freeze-thaw action would lead to more damage and more repair needed on larger segments of sidewalk. The wall itself needs repair to preserve this historic feature and prevent the erosion. The site is currently maintained on a day to day basis by park staff and the repairs would not significantly change daily maintenance activities or costs. The repair of the wall would last many years, prevent further deterioration, and alleviate hazardous conditions.

5.5 Project design options have been considered, estimated, and a preferred design selected. Well-designed projects reduce occurrences of budgetary overages, design changes, and additional complications. Discuss the current design phase for this project and include cost estimates.

The project design includes removal of the damaged sidewalk segment (93.5 sq ft) and the addition of approximately 7 cu yds of fill to the void. A 17' x 2' x 2' section of the historic wall will be replaced and installed in the damaged area. New concrete sidewalk will be poured (93.5 sq ft) to replace the segment removed. Two new rail brackets will be installed to replace the damaged brackets next to the repair area. An estimate is attached. An additional 4" concrete slab (176 sq ft) will be poured adjacent to the repair location to replace a wooden deck. A contingency of \$1000 is added to project cost to account for cost overruns.

5.6 Project supports or protects other resources and is consistent with or supports resource plans in the Project Area. In addition to project-related benefits under #3 above, describe how this project

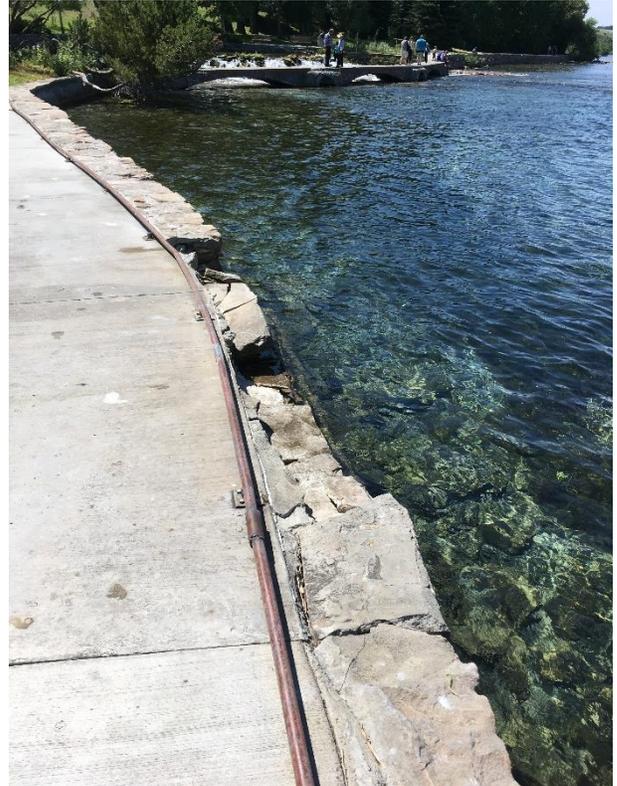
will protect resource values (such as public access, water quality, fisheries, wildlife, habitats, and cultural resources) and support other resource plans, including Project 2188 License plans and land use and land management plans in place in the Corridor.

This project would protect and repair a historic site in Giant Springs State Park. Roe island is listed in the site on file with SHPO, 24CA0620 Giant Springs CCC-era features. This project fits in with the Montana State Parks Heritage Resources Strategic Plan under Section 5 Goal B Management and Resource protection.

5. See attached map, photos, and supporting documents.



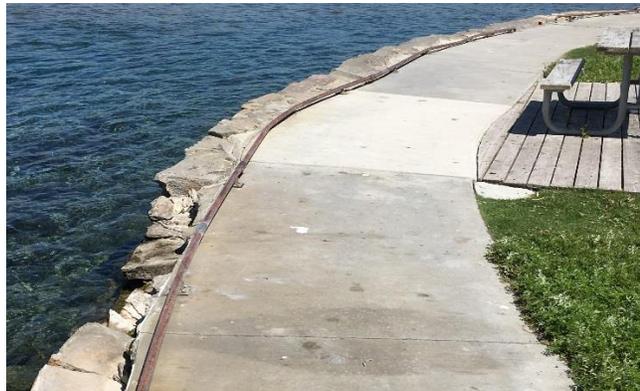
The area in blue is where the damage is occurring on Roe Island.



The section of the wall and sidewalk to be repaired.



View of the sidewalk undercut.



View of sidewalk and wood deck to be replaced

Proposal

Page no. 1 of 1 pages

BONSER
CONSTRUCTION
Excavation and Concrete
Sun River, Montana
(406) 264-5909 • 788-9021

*Island
Repair*

PROPOSAL SUBMITTED TO: <i>Dept Fish Wildlife & Parks</i>	PHONE <i>844-4619</i>	DATE <i>8-10-18</i>
ADDRESS <i>1470 East Sixth Ave Box 200701</i>	JOB NAME <i>Repair Sidewalk & Rock Wall</i>	
CITY, STATE AND ZIP CODE <i>Helena MT 59620-0701</i>	JOB LOCATION <i>Giant Springs State Park</i>	
ARCHITECT <i>N/A</i>	DATE OF PLANS	JOB PHONE

We hereby submit specifications and estimates for:

*Remove existing Sidewalk 93.5' ± Finish & Install
Flowable Fill under walk 7 cu yds Finish &
Install new Rock wall 17' x 2' x 2'
Form Place & Finish new Sidewalk 93.5' ± &
2 new Rub Rail Brackets Form Place & Finish
Additional 176' ± of 4" Slab next to Repair Area.*

We Propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of:

Five thousand Six hundred Seventy DOLLARS (\$ *5670⁰⁰*)

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized
Signature _____

NOTE: This proposal may be withdrawn by us if not accepted within _____ days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

DATE OF ACCEPTANCE _____

SIGNATURE _____

SIGNATURE _____

Quote for the proposed project



STATEPARKS.MT.GOV

MONTANA FWP

THE OUTSIDE IS IN US ALL.

INTEROFFICE MEMORANDUM

TO: Clark Carlson-Thompson, Giant Springs Park Manager
FROM: Sara Scott, Heritage Resources Program Manager
DATE: August 20, 2018
SUBJECT: Historic Roe Island Wall at Giant Springs State Park

I am pleased to hear that you are applying for a grant from the Missouri Madison River Fund to repair the historic wall along the Roe River. Repairs at this point are minor, but if the damaged wall is left unrepaired, chances are it will require much more substantial repairs in the future. George Bonser worked with state parks in the past to make repairs to the wall and did an excellent job, so I support your choice in contractors.

If we receive these grant funds, I will make sure that state parks consults with Pete Brown at the Montana State Historic Preservation Office (SHPO) to ensure that any repairs we make meet historic properties standards. I fully support this grant application and will most certainly, as the heritage specialist for state parks, be a part of it. Best of luck with this!

