



Environment and Natural Resources Trust Fund

2025 Request for Proposal

General Information

Proposal ID: 2025-228

Proposal Title: Minnesota Riverbank Protection and Parks Improvements

Project Manager Information

Name: Alex Jordan

Organization: City of Shakopee

Office Telephone: (952) 233-9361

Email: ajordan@shakopeemn.gov

Project Basic Information

Project Summary: Integrate Minnesota Riverbank Protection with Huber Park and Historic Marina improvements to protect cultural resources, river corridor fish and wildlife habitat, public infrastructure, and encourage river access for parks users.

ENRTF Funds Requested: \$1,400,000

Proposed Project Completion: December 31, 2027

LCCMR Funding Category: Methods to Protect or Restore Land, Water, and Habitat (F)

Project Location

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

Region(s): Metro

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

Region(s): Metro

When will the work impact occur?

During the Project

Narrative

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

The Minnesota River is a critical element of Shakopee's past, present, and future. Streambank erosion is damaging the river corridor habitat, cultural resources, parks, and sanitary sewer infrastructure. The near bank area throughout much of the downstream-most sections of the river are enduring severe erosion, which is actively impacting the areas' human cultural resources, river habitat, regional park systems, and critical public sanitary sewer utilities. In total, the Minnesota River watershed is 17,000 square miles, 98% of which is upstream of Shakopee. Based on recorded climate changes in the last decade, it is anticipated that the river's energy will grow and higher impact storms will become more frequent. The need to address the streambank erosion is highly significant to irreplaceable cultural and historic resources, vegetation within the riverbank and adjoining floodplain forest, and public welfare. A proactive approach to preserving these areas from erosion and flood damages is necessary to maintain their place in the region's history. Options to provide a stabilized riverbank with integrated parks improvements and infrastructure protection were recently developed. The City's recent efforts in parks master planning and cultural resources education is critical in guiding riverbank protection and restoration opportunities for long-lasting stability.

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.

Shakopee has secured \$16,520,000 in federal, state, and local funding to complete the Riverbank Protection, Huber Park and Historic Marina master plan improvements and connect parks users to the river. Significant riverbank protection is required to provide lasting bank stability against more frequent and higher intensity flooding, which is likely to include a combination of structural and bio-engineered solutions. Construction will include tree removal and grading of the riverbank to stabilize the near vertical near bank area. Once stable, hard armoring and establishment of native, and resilient, vegetation will provide lasting riverbank stability and provide a welcoming, and accessible, interface between the park and river for all users. Native vegetation establishment will be completed to compliment the Minnesota River Valley and Huber Park. The project includes approximately 3600 linear feet of riverbank restoration and will restore approximately 5.5 acres of riparian and upland area. The goals are a stable riverbank and fish and wildlife habitat corridor, protected human cultural resources, stability for parks infrastructure, and protection of important sanitary sewer infrastructure. The City seeks LCCMR funding for the construction of project components specific to the protection of the Minnesota Riverbank.

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?

Connecting people to the river is an important goal of the project. For thousands of years, indigenous people settled near the river and used its resources to support and protect their culture. European settlers also recognized the importance of the river to its growing community. Now, the riverbank is eroding along these areas, which is threatening generations of history. Stabilizing the riverbank will protect regional recreational facilities, aquatic habitat, and public infrastructure for future generations. The river/land interface is exceptionally important to the success of the regional park system and ecosystem protection.

Activities and Milestones

Activity 1: Construction of Riverbank Protection

Activity Budget: \$1,400,000

Activity Description:

The project includes approximately 3600 linear feet of riverbank restoration and will restore approximately 5.5 acres of riparian and upland area. Construction will include tree removal and grading of the riverbank to stabilize the near vertical near bank area. Once stable, hard armoring and establishment of native vegetation will provide lasting riverbank stability. Native vegetation establishment will be completed to compliment the Minnesota River Valley and Huber Park.

Activity Milestones:

Description	Approximate Completion Date
Begin Construction	May 31, 2026
End Construction	December 31, 2027

Project Partners and Collaborators

Name	Organization	Role	Receiving Funds
Tim Olson	Bolton & Menk, Inc.	Project Collaborator	No

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?

The Riverfront is prolific and currently nearly inaccessible through Shakopee. The City is already implementing parks programming and regional trail planning to draw parks users to Shakopee, educate them in the rich indigenous history, and connect them to the river in a safe and enticing way. This restoration is critical in restoring river habitat and reducing sediment from near bank erosion downstream. A successful federal, state, and local funding approach will be perpetuated to realize future parks planning goals. The city will provide operation and maintenance of the parks, infrastructure, and natural features within the river corridor.

Project Manager and Organization Qualifications

Project Manager Name: Alex Jordan

Job Title: City Engineer

Provide description of the project manager's qualifications to manage the proposed project.

Alex Jordan, Project Manager, is designated as the City Engineer with the City of Shakopee, and is responsible for the design, construction and maintenance of the City's public infrastructure. Alex Jordan is a licensed professional civil engineer in the State of Minnesota and has 13 years of experience in municipal/civil engineering. Alex has experience delivering and managing multi-million dollar construction projects, including those that met State/Federal funding requirements. Alex will be working directly with project team members with Bolton & Menk, Inc. who have a vast array of experience in river restoration projects, cultural resource permitting, environmental regulations and construction administration/project delivery.

Organization: City of Shakopee

Organization Description:

Located in the southwest corner of the Twin Cities metropolitan area, Shakopee is a distinctive river town with a variety of business, cultural and recreational opportunities in a safe, welcoming and attractive environment. Shakopee is a community that has grown quickly over the past 30 years. As of July 1, 2021, the U.S. Census Bureau estimated Shakopee's population at 45,593. The Metropolitan Council estimated Shakopee's population at 45,593 as of July 2021. Shakopee is rich with cultural history and works closely with its tribal leaders to preserve and protect these resources and educate residents and regional parks users of their significant value. Shakopee supports long-term ecological preservation and restoration of natural resources, so current residents and future generations of residents have the same ability to thrive as responsible stewards of the city's economic resources by finding the most efficient ways to work.

Budget Summary

Category / Name	Subcategory or Type	Description	Purpose	Gen. Ineligible	% Benefits	# FTE	Classified Staff?	\$ Amount
Personnel								
							Sub Total	-
Contracts and Services								
TBD	Professional or Technical Service Contract	Tree removal and grading of the riverbank, hard armoring and establishment of native vegetation, approximately 2000 linear feet of riverbank restoration and will restore approximately 5.5 acres of riparian and upland area.				0		\$1,400,000
							Sub Total	\$1,400,000
Equipment, Tools, and Supplies								
							Sub Total	-
Capital Expenditures								
							Sub Total	-
Acquisitions and Stewardship								
							Sub Total	-
Travel In Minnesota								
							Sub Total	-
Travel Outside Minnesota								
							Sub Total	-
Printing and Publication								

							Sub Total	-
Other Expenses								
							Sub Total	-
							Grand Total	\$1,400,000

Classified Staff or Generally Ineligible Expenses

Category/Name	Subcategory or Type	Description	Justification Ineligible Expense or Classified Staff Request
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Non ENRTF Funds

Category	Specific Source	Use	Status	Amount
State				
Cash	State Bonding	Engineering and Construction	Secured	\$8,260,000
			State Sub Total	\$8,260,000
Non-State				
In-Kind	Local	Engineering and Construction	Secured	\$4,760,000
Cash	EPA STAG Grant	Engineering and Construction	Secured	\$3,500,000
			Non State Sub Total	\$8,260,000
			Funds Total	\$16,520,000

Total Project Cost: \$17,920,000

This amount accurately reflects total project cost?

Yes

Acquisition and Restoration

Parcel List

Name	County	Site Significance	Activity	Acres	Miles	Estimated Cost	Type of Landowner	Easement or Title Holder	Status of Work
Huber Park 1	Scott	Riverbank Area	Restoration	2.5	0.21	-	Public	City of Shakopee	Completed
Huber Park 2	Scott	Riverbank Area	Restoration	1.6	0.11	-	Public	City of Shakopee	Completed
Huber Park 3	Scott	Riverbank Area	Restoration	1.4	0.06	-	Public	City of Shakopee	Completed
Totals				5.5	0.38	-			

Restoration

1. Provide a statement confirming that all restoration activities completed with these funds will occur on land permanently protected by a conservation easement or public ownership.

All restoration activities completed with these funds will occur on land permanently protected by a conservation easement or public ownership.

2. Summarize the components and expected outcomes of restoration and management plans for the parcels to be restored by your organization, how these plans are kept on file by your organization, and overall strategies for long-term plan implementation.

Significant riverbank restoration is required to provide lasting bank stability against more frequent and higher intensity flooding, which is likely to include a combination of structural and bio-engineered solutions. Once stable, hard armoring and restoration of native, and appropriate, vegetation will provide lasting soil stability and provide a welcoming, and accessible, interface between the park and river for all users. The result is a stable riverbank, protected human cultural resources, stability for parks infrastructure, and protection of important public infrastructure. The City seeks LCCMR funding for the final design and construction of project components specific to the restoration of the Minnesota Riverbank.

3. Describe how restoration efforts will utilize and follow the Board of Soil and Water Resources “Native Vegetation Establishment and Enhancement Guidelines” in order to ensure ecological integrity and pollinator enhancement.

Restoration of the riverbank and the approximately 5-year floodplain will include clearing of unhealthy trees in the immediate near bank and replacement with deep rooted, stabilizing native vegetation. This will include riparian and prairie seeding, and selected trees and shrubs that replace removed trees, enhance parks amenities, and contribute to soil stabilization. Furthermore, a focus on pollinator habitat will help dictate the selected native plant species. BWSR's Native Vegetation Establishment and Enhancement Guidelines will be used to ensure the ecological and pollinator restoration is properly executed.

4. Describe how the long-term maintenance and management needs of the parcel being restored with these funds will be met and financed into the future.

Given that the restoration occurs in the City owned Huber Park and numerous stakeholders are actively engaged through other parks facilities (trails, way finding, cultural resources, programming, etc.), future maintenance is already an important component of the park's operations. The City's annual budget accounts for parks maintenance. The riverbank will be specifically inspected annually, and more so during times of flooding. This will ensure that any future erosion issues are identified and repairs can be scheduled immediately.

5. Describe how consideration will be given to contracting with Conservation Corps of Minnesota for any restoration activities.

The City of Shakopee will consider utilizing the Conservation Corps of Minnesota for the removal of woody vegetation along the riverbank in the area of restoration, invasive species eradication, and vegetation reestablishment.

6. Provide a statement indicating that evaluations will be completed on parcels where activities were implemented both 1) initially after activity completion and 2) three years later as a follow-up. Evaluations should analyze improvements to the parcel and whether goals have been met, identify any problems with the implementation, and identify any findings that can be used to improve implementation of future restoration efforts at the site or elsewhere.

Evaluations will be completed on parcels where activities were implemented both 1) initially after activity completion and 2) three years later as a follow-up. The evaluation will analyze improvements to the park property and whether goals have been met, identify any problems with the implementation, and identify any findings that can be used to improve implementation of future restoration efforts at the site or elsewhere.

Attachments

Required Attachments

Map

File: [398eb69b-97f.pdf](#)

Alternate Text for Map

Series of graphics that identify existing conditions, site assessment, river and water interactions, Huber Park concept plans, and river access and armoring options....

Financial Capacity

Title	File
Financial Report	4c3f7aa7-d2f.pdf
Annual Comprehensive Financial Report	3174c875-e13.pdf

Board Resolution or Letter

Title	File
Board Resolution Letter	742859f6-337.pdf

Supplemental Attachments

Capital Project Questionnaire, Budget Supplements, Support Letter, Photos, Media, Other

Title	File
Capital Project Questionnaire	54958eba-3a7.pdf
Capital Construction Project Budget Addendum	951d31f6-9d7.xlsx
Site Photo - Riverbank Stability	d47fd483-be0.jpe
Site Photo - Riverbank Stability and Public Sanitary Utility	85f4cb08-2a9.jpe
Site Photo - Huber Park	81a6e808-5eb.jpe
Site Photo - Tree Jam	f57b86a7-917.jpe
Site Photo - Park and River Interaction	ad215dbf-80a.jpe
Parks Master Plan - Huber Park	1c2a6247-b4c.pdf

Administrative Use

Does your project include restoration or acquisition of land rights?

Yes: Restoration,

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

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?

Yes

Does the organization have a fiscal agent for this project?

No

Does your project include the pre-design, design, construction, or renovation of a building, trail, campground, or other fixed capital asset costing \$10,000 or more or large-scale stream or wetland restoration?

Yes

Do you propose using an appropriation from the Environment and Natural Resources Trust Fund to conduct a project that provides children's services (as defined in Minnesota Statutes section 299C.61 Subd.7 as "the provision of care, treatment, education, training, instruction, or recreation to children")?

No

Provide the name(s) and organization(s) of additional individuals assisting in the completion of this proposal:

Tim Olson, Bolton & Menk, Inc.