



Lessard-Sams Outdoor Heritage Council

Minnesota Marine Art Museum LSCOHC Proposal
ML 2027 Request for Funding

General Information

Date: 06/24/2026

Proposal Title: Minnesota Marine Art Museum LSCOHC Proposal

Funds Requested: \$2,452,400

Confirmed Leverage Funds: \$354,300

Is this proposal Scalable?: Yes

Manager Information

Manager's Name: Mike Linnemann

Title: Development Director

Organization: Minnesota Marine Art Museum

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Location Information

County Location(s): Winona.

Eco regions in which work will take place:

Southeast Forest

Activity types:

Restore

Enhance

Priority resources addressed by activity:

Forest

Narrative

Abstract

The River's Edge Habitat Restoration Project will restore and enhance four acres of native prairie and 460 feet of riparian habitat along the Mississippi River at the Minnesota Marine Art Museum in Winona. Beginning in 2027, the project will replace hardened shoreline infrastructure with native prairie and floodplain vegetation, invasive species management, shoreline stabilization, and stormwater improvements to strengthen habitat for migratory birds, pollinators, reptiles, amphibians, and other wildlife within the Mississippi Flyway. Guided by the museum's Land Management Plan and implemented with agency and community partners, the project will improve biodiversity and climate resilience with Mississippi River.

Design and Scope of Work

The Minnesota Marine Art Museum campus occupies an ecologically important stretch of Mississippi River shoreline within the Mississippi Flyway and the Driftless Area of southeastern Minnesota. While the property currently functions as habitat for migratory birds, pollinators, reptiles, amphibians, and other wildlife, portions of the shoreline were altered during site development in 2006 through the installation of a large concrete slab and associated grading that disrupted natural riverbank conditions. This hardened shoreline contributes to habitat fragmentation, stormwater runoff, erosion, invasive species pressure, and reduced ecological connectivity between upland areas and the river's edge. Large expanses of maintained turf further limit biodiversity. Without intervention, these conditions will continue to diminish habitat quality along this section of the Mississippi River corridor.

The proposed River's Edge Shoreline Habitat Restoration Project will restore and enhance approximately seven acres of prairie and riparian habitat through shoreline restoration, native prairie planting, invasive species management, pollinator habitat enhancement, and stormwater infiltration improvements. Restoration activities will prioritize native prairie, floodplain, and riparian plant communities identified in MMAM's Land Management Plan, including grasses, milkweeds, sedges, asters, oaks, dogwoods, and wetland vegetation that support migratory birds, pollinators, reptiles, amphibians, and small mammals. The project will improve habitat connectivity between upland habitat and the river edge while reducing erosion, filtering runoff before it reaches the Mississippi River, increasing flood resilience, and reducing long-term maintenance needs. The restored landscape will also serve as a demonstration site for Mississippi River stewardship and biodiversity conservation.

Project priorities were established through consultation with community members, local stakeholders, and regional conservation partners, including the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, Minnesota Department of Natural Resources, and the Winona Port Authority. Public engagement emphasized improving access to natural riverfront spaces and strengthening public connection to the Mississippi River. The project also aligns perfectly, and is highly recommended with the City of Winona's 2045 Comprehensive Plan.

The urgency of this project is tied to both ongoing ecological pressures affecting the Upper Mississippi River corridor and a rare opportunity to restore riverfront, native prairie and forest habitat as part of a broader campus improvement effort already underway. Flooding, habitat fragmentation, invasive species, and pollinator declines continue to affect southeastern Minnesota ecosystems. Coordinating habitat restoration with planned earthwork and site improvements allows these ecological enhancements to be completed more efficiently and at lower cost while maximizing long-term conservation outcomes.

Following completion of restoration activities, MMAM intends to pursue permanent conservation protections for the restored habitat as outlined in its 2025-2030 Strategic Plan and supported by recommendations from the City

of Winona. This sequencing allows necessary shoreline regrading and habitat establishment to occur before placing long-term protections on the property, ensuring the restored landscape remains protected and stewarded in perpetuity.

Explain how the proposal addresses habitat protection, restoration, and/or enhancement for fish, game & wildlife, including threatened or endangered species conservation

The River's Edge Habitat Restoration Project will restore and enhance approximately four acres of native prairie and 460 linear feet of riparian habitat along the Mississippi River in Winona County, advancing habitat restoration, biodiversity, and native fauna management goals identified in the Minnesota Marine Art Museum's Land Management Plan. Situated within the Mississippi Flyway and Upper Mississippi River corridor, the site already supports sandhill cranes, great blue herons, bald eagles, wood ducks, turtles, western fox snakes, chorus frogs, monarch butterflies, rusty patched bumble bees, migratory warblers, and migratory birds dependent on riparian and prairie systems. This project will improve habitat quality, connectivity, and climate resilience for mammals, pollinators, reptiles, amphibians, and migratory birds dependent on riparian and prairie systems.

A primary focus of the project is restoration of a hardened river edge currently dominated by a steep concrete shoreline and seawall that limits ecological function and fragments aquatic and upland habitat systems. The project will soften and stabilize approximately 460 linear feet of shoreline using native riparian vegetation and flood-tolerant plant communities identified in the Land Management Plan, including willow, cottonwood, swamp white oak, river birch, hackberry, red osier dogwood, and sedges. These improvements will reduce erosion, improve stormwater filtration before runoff enters the Mississippi River, enhance aquatic edge habitat, and improve conditions for turtles, amphibians, and migratory birds.

Upland restoration efforts will focus on invasive species removal, regrading, and conversion of low-functioning turf into diverse native prairie habitat. Plantings will include little bluestem, prairie dropseed, switchgrass, Canada wild rye, swamp milkweed, Culver's root, prairie blazing star, and New England asters selected to support monarch butterflies, rusty patched bumble bees, native bees, and pollinators. Deep-rooted prairie vegetation will also improve stormwater infiltration, reduce sediment runoff, and strengthen long-term flood resilience.

The project incorporates long-term habitat protection strategies identified in the Land Management Plan, including invasive species management. By reconnecting aquatic, shoreline, and upland ecosystems, the project will restore ecological function along a highly visible section of the Mississippi River while demonstrating how urban riverfront landscapes can support wildlife conservation, biodiversity, and long-term stewardship and overall habitat resilience.

What are the elements of this proposal that are critical from a timing perspective?

The River's Edge Shoreline Habitat Restoration Project is strategically timed to align with the Minnesota Marine Art Museum's Land Management Plan, a major public-private investment focused on shoreline restoration, riverfront accessibility, outdoor engagement, and ecological landscape improvements. Coordination with the U.S. Fish and Wildlife Service, Winona Port Authority, and Minnesota DNR strengthens regional riverine and prairie habitat corridors while supporting the City of Winona's 2045 Comprehensive Plan.

Implementing restoration during scheduled earthmoving, grading, pathway construction, and utility upgrades will reduce mobilization costs, minimize repeated site disturbance, and maximize ecological return on investment. Strong stakeholder collaboration, public support, and concurrent contractor mobilization also create opportunities to leverage matching funds and in-kind contributions, improving the competitiveness of Lessard-Sams Outdoor Heritage Council funding.

Immediate action is critical in this flood-prone Mississippi River corridor, where continued erosion, invasive species spread, and escalating restoration costs will worsen if implementation is delayed.

Describe how the proposal expands habitat corridors or complexes and/or addresses habitat fragmentation:

The River’s Edge project expands and reconnects fragmented habitat along a highly altered section of the Mississippi River shoreline by restoring a gradual prairie-riparian transition where hardened infrastructure currently interrupts ecological function. The project directly implements priorities identified in the Minnesota Marine Art Museum Land Management Plan, including expansion of riparian buffers, pollinator habitat, native vegetation diversity, and habitat connectivity within the Mississippi River corridor.

The museum campus already supports approximately 180 linear feet of functional riparian habitat and a 6,500-square-foot native pollinator meadow adjacent to the Mississippi River floodplain. This project restores an additional 214 linear feet of shoreline currently fragmented by a concrete seawall and a 10,000-square-foot abandoned concrete pad, reconnecting upland prairie plantings, shoreline habitat, and aquatic systems into a more continuous habitat complex. Restoration will improve movement corridors, nesting habitat, and foraging opportunities for migratory birds, pollinators, reptiles, amphibians, and small mammals documented along the site and within the Mississippi Flyway.

The proposal strongly aligns with Sections 4.9 and 4.10 of the Land Management Plan, which emphasize habitat connectivity, floodplain function, riparian restoration, pollinator support, and creation of urban ecological “stepping stones” within fragmented landscapes. The project contributes to broader regional conservation goals identified by the Driftless Area Restoration Effort (DARE) and the Minnesota Prairie Conservation Plan by improving ecological connectivity along the Upper Mississippi River corridor and strengthening habitat continuity.

The project also builds upon lands with existing ecological significance. The museum lies directly adjacent to the Mississippi River, within the Upper Mississippi River floodplain and migratory bird corridor, and connects to larger regional habitat systems including floodplain forests, backwaters, and prairie remnants upstream and downstream. While the site itself is developed, the restoration enhances the ecological performance of an already conserved riverfront corridor by converting hardened shoreline into functional native habitat that improves resilience, biodiversity, and long-term river stewardship.

Analyze conservation easements and permanent protection statuses with Honoring Dakota Project and the City of Winona, which level of protection is most applicable to apply and then apply as determined by analysis during summer, completed by Q1 2030.

Which top 2 Conservation Plans referenced in MS97A.056, subd. 3a are most applicable to this project?

Driftless Area Restoration Effort

Upper Mississippi River and Great Lakes Region Projects Joint Ventures Plan

Which LSOHC section priorities are addressed in this proposal?

Southeast Forest

Protect, enhance, and restore habitat for fish, game, and nongame wildlife in rivers, cold-water streams, and associated upland habitat

Describe how this project/program will produce and demonstrate a significant and permanent conservation legacy and/or outcomes for fish, game, and wildlife:

The River's Edge project advances a lasting conservation legacy by restoring ecological function to a highly altered section of Mississippi River shoreline while demonstrating how habitat restoration, public access, and community use can coexist within an active urban riverfront. Guided by the Minnesota Marine Art Museum Land Management Plan, the project will replace hardened shoreline infrastructure with a resilient prairie-riparian habitat system that improves water quality, stabilizes soils, enhances floodplain function, and expands habitat for fish, game, pollinators, migratory birds, reptiles, and other wildlife associated with the Upper Mississippi River corridor.

Permanent ecological improvements include restoration of native shoreline vegetation, expansion of riparian buffers, and replacement of impervious surfaces with deep-rooted native plant communities adapted to southeastern Minnesota floodplain conditions. These enhancements will reduce erosion and sediment runoff, improve stormwater infiltration, strengthen habitat connectivity within the Mississippi Flyway and Driftless Area landscape, and support long-term biodiversity and climate resilience.

The Land Management Plan identifies the museum grounds as a public-facing demonstration landscape for ecological restoration, sustainability, and environmental learning. This project fulfills that vision by creating a visible model of how cultural institutions can contribute meaningfully to regional conservation goals while remaining publicly accessible and economically active. The restored shoreline will support interpretation, stewardship programming, community science, and public education focused on habitat restoration, water stewardship, and biodiversity.

The project also strengthens regional conservation capacity through partnerships identified in the Land Management Plan. The museum will collaborate with the U.S. Fish and Wildlife Service, Trout Unlimited, the Izaak Walton League, MN DNR staff, local watershed organizations, public schools, private schools, community scientists, and regional conservation nonprofits to support restoration, monitoring, stewardship, and education efforts. In partnership with the Winona Area Nonprofit Alliance, Southern Minnesota Initiative Foundation, and the University of Minnesota Extension Southeast Regional Sustainable Development Partnership, the museum will also document and share lessons from the project to help other rural and regional organizations pursue conservation funding and implement habitat restoration initiatives of their own.

Post completion of the

If this project/program does not have permanent outcomes, describe why it is important to undertake at this time:

This project is important now because the site already functions as habitat within the Mississippi River corridor but is under increasing pressure from invasive species, shoreline erosion, unmanaged runoff, and fragmentation of native plant communities. Delaying restoration would accelerate habitat degradation and reduce habitat quality for migratory birds, pollinators, reptiles, amphibians, fish, and other wildlife associated with the Mississippi Flyway.

The project is implementation-ready. Planning and design are underway through the Minnesota Marine Art Museum Land Management Plan, major campus improvements are already scheduled, and agency and community partners are actively engaged. Coordinating restoration with concurrent construction activities reduces costs, minimizes future disturbance, and maximizes conservation impact.

Although not protected by a permanent easement, the project provides immediate and lasting conservation value

through restoration of native prairie and riparian vegetation, shoreline stabilization, improved water quality, reduced erosion and sediment runoff, and strengthened ecological connectivity along a heavily developed riverfront corridor.

Outcomes

Programs in southeast forest region:

Healthier populations of endangered, threatened, and special concern species as well as more common species ~ *This outcome will be measured by acres and square footages of native plant survival and cover, reduced invasive species, and improved forest to shoreline stability. Wildlife will be tracked through staff observations and photographs, especially migratory birds, pollinators, reptiles, and small mammals identified in the Natural Heritage Inventory, using annual onsite inventory. Success will also be evaluated by habitat connectivity between the forest, prairie, river edge, and surrounding campus, along with long term maintenance and adaptive management to keep the habitat functional and resilient.*

Per MS 97A.056, Subd. 24, Please explain whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose.

We have received no state, federal or public funding for this project already. Additionally, we have not received any future legacy funding or have had any dedicated to this project yet.

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended?

After Outdoor Heritage Funds are expended, the Minnesota Marine Art Museum assumes full responsibility for long-term stewardship and maintenance of the restored habitat as part of its campus operations, land management plan, and capital investment strategy. The prairie and riparian areas will be integrated into the museum's ongoing grounds management plan, with dedicated seasonal maintenance for invasive species control, prescribed prairie management practices, re-seeding where needed, and shoreline monitoring.

The project is embedded within a broader capital campaign that is already funding permanent improvements to the outdoor campus, ensuring that habitat areas are not treated as a one-time project but as a core part of the site's long-term design and function. Staff capacity, contractor relationships, and conservation partner support will remain in place to guide adaptive management over time.

In addition, the museum will continue coordination with agency and conservation partners, including the Minnesota Department of Natural Resources, U.S. Fish and Wildlife Service, and local watershed stakeholders, to ensure the habitat remains aligned with best practices for Mississippi River corridor restoration.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
2026	Individual donors	Launch targeted fundraising campaign to secure early capital and readiness funding for design, permitting, and partner engagement.	Use philanthropic support to complete site planning, baseline ecological assessments, and final project design	Build a committed donor base to match and leverage future public funding applications
2027	LSOHC	Provide primary funding for large-scale habitat restoration, including shoreline regrading, invasive species removal, and native habitat installation	Support construction-phase work such as bioengineered shoreline stabilization and restoration of riparian slope conditions	Enable public access improvements and integration of ecological and cultural interpretation elements
2027	Individual donors	Fund matching requirements tied to the LSOHC grant and support expanded restoration beyond baseline funded scope.	Sustain volunteer community stewardship activities during active restoration, and during 1-2 annual clean up events with community	Support adaptive management needs such as replanting, maintenance, and invasive species follow-up treatments
2027	In-Kind corporate donors	Subsidize overall project by covering in-kind items like sand, topsoil, plantings.	Continue corporate cultivation efforts with local and regional businesses.	Continue corporate cultivation efforts with local and regional businesses.
2028	Additional Grants and Institutional Funding	Secure supplemental conservation, climate resilience, and watershed grants to support long-term habitat management	Fund ongoing ecological monitoring, shoreline maintenance, and habitat enhancement cycles	Expand regional partnerships tied to the restored Mississippi River corridor
2027	Individual donors	Fund matching requirements tied to the LSOHC grant and support expanded restoration beyond baseline funded scope.	Sustain volunteer community stewardship activities during active restoration, and during 1-2 annual clean up events with community.	Support adaptive management needs such as replanting, maintenance, and invasive species follow-up treatments
2027	In-Kind corporate donors	Subsidize overall project by covering in-kind items like sand, topsoil, plantings.	Continue corporate cultivation efforts with local and regional businesses.	Continue corporate cultivation efforts with local and regional businesses.
2028	Additional Grants and Institutional Funding	Secure supplemental conservation, climate resilience, and watershed grants to support long-term habitat management	Fund ongoing ecological monitoring, shoreline maintenance, and habitat enhancement cycles	Expand regional partnerships tied to the restored Mississippi River corridor

Provide an assessment of how your program may celebrate cultural diversity or reach diverse communities in Minnesota, including reaching low- and moderate-income households:

The project advances cultural inclusion and equitable access by transforming a highly visible Mississippi River corridor site into a publicly accessible landscape for ecological learning, recreation, and stewardship. In Winona, where household incomes are lower than many metropolitan areas, the Minnesota Marine Art Museum is intentionally developing the outdoor campus as a free public experience that includes native habitat restoration, accessible riverfront spaces, interpretive programming, and outdoor art installations. This landscape is designed to complement museum programming while ensuring that meaningful connections to the Mississippi River are available regardless of income. The project will prioritize partnerships with Indigenous and regional organizations to help integrate cultural history, ecological knowledge, and river stewardship into restoration planning and interpretation. The museum is actively exploring collaboration with the Honoring Dakota Project, Prairie Island Indian Community, Shakopee Mdewakanton Sioux Community, and the Ho-Chunk Nation, recognizing the Mississippi River corridor as a place of longstanding cultural and ecological significance. Partnerships with local schools, youth-serving nonprofits, and community organizations will expand access to outdoor education and hands-on conservation experiences for students and families from underserved communities throughout Winona and surrounding river towns. Free public volunteer events will provide opportunities for invasive species removal, native planting, shoreline restoration, and habitat stewardship. Tools, training, and supervision will be provided to ensure participation is accessible to people with varying experience levels and physical abilities. Together, these efforts strengthen community connection to the Mississippi River while advancing a more inclusive model of conservation, public engagement, and environmental stewardship.

Activity Details

Requirements

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program?

Yes

Is the restoration and enhancement activity on permanently protected land per 97A.056, Subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 or on lands to be acquired in this program?

Yes

Where does the activity take place?

Public Waters

Other : On adjacent 501c3 nonprofit owned land to the Mississippi River land, prairie Riverbank area.

Land Use

Will there be planting of any crop on OHF land purchased or restored in this program, either by the proposer or the end owner of the property, outside of the initial restoration of the land?

No

Will insecticides or fungicides (including neonicotinoid and fungicide treated seed) be used within any activities of this proposal either in the process of restoration or use as food plots?

No

Previous OHF Appropriations

Have you received OHF dollars through LSOHC for this program or project in the past?

No

Timeline

Activity Name	Estimated Completion Date
Request a NHIS (natural heritage inventory) review	June-Aug 2026
Prepare interpretive and Indigenous consultation framework	June/July 2026
Conduct baseline site assessments (vegetation inventory, invasive mapping, shoreline condition documentation)	Aug 2026
Finalize site concept plan and phasing (restoration zones, access strategy, sculpture integration concept)	Aug-Sep 2026
Convene and formalize partnerships (Indigenous partners, schools, youth orgs, restoration advisors)	Sep 2026
Develop native planting and restoration specifications with Honoring Dakota Project	Sep-Nov 2026
Submit and complete permitting applications (shoreline, river adjacency, city coordination)	Jan-Feb 2027
Identify and pre-qualify contractors (restoration ecology, erosion control, native plant suppliers)	Jan-Feb 2027
Project kickoff and mobilization (contracting, site staging, final alignment with partners and contractors)	Jul-Aug 2027
Invasive species removal (full-scale initial treatment across priority restoration zones)	Jul-Oct 2027
Shoreline stabilization construction (bioengineering, erosion control, runoff mitigation infrastructure)	Aug 2027-Jun 2028
Native habitat installation Phase 1 (riparian buffer planting, pollinator habitat establishment)	Sep-Oct 2027
Launch of public volunteer stewardship program (monthly restoration days, invasive removal, planting support, Docent at museum focused)	Sep 2027 onward
Outdoor sculpture installation integrated with ecological zones (foundations, placement, interpretation integration)	Sep 2027-Jul 2028
Native planting Phase 2 (expansion of habitat diversity, understory plantings, shoreline reinforcement plantings)	Apr-Jun 2028
Ecological monitoring begins (vegetation survival, shoreline stability, invasive regrowth tracking, wildlife use observations)	May 2028 onward
Adaptive management adjustments (replanting, invasive re-treatment, shoreline reinforcement refinements)	Fall 2028-Spring 2029
Habitat maturation phase (reduced intervention, maintenance-focused management, ecological stabilization)	2028-2029
Final evaluation report and outcomes documentation (ecological, social, and engagement metrics)	Apr-Jul 2029
Long-term stewardship transition planning (post-grant maintenance model, partner agreements, funding strategy)	Jun-Jul 2029
Finalize site concept plan and phasing (restoration zones, access strategy, sculpture integration concept)	Aug-Sep 2026
Convene and formalize partnerships (Indigenous partners, schools, youth orgs, restoration advisors)	Sep 2026
Develop native planting and restoration specifications with Honoring Dakota Project	Sep-Nov 2026

Submit and complete permitting applications (shoreline, river adjacency, city coordination)	Jan-Feb 2027
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Final evaluation report and outcomes documentation (ecological, social, and engagement metrics)	Apr-Jul 2029
Long-term stewardship transition planning (post-grant maintenance model, partner agreements, funding strategy)	Jun-Jul 2029
Analyze conservation easements and long term permanent protection statuses with Honoring Dakota Project and the City of Winona, which level of protection is most applicable to apply for	Jun-August 2029
Apply for permanent protection status as determined by analysis during summer, to be completed by Q1 2030	August 2029 - March 2030

Budget

Totals

Item	Funding Request	Total Leverage	Leverage Source	Total
Personnel	\$88,600	\$354,300	Private Support (Capital Campaign)	\$442,900
Contracts	\$2,353,600	\$588,400	Private Support (Capital Campaign)	\$2,942,000
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	-	-	-	-
Professional Services	\$10,200	\$10,200	Individual donor and members for permitting	\$20,400
Direct Support Services	-	-	-	-
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	-	-	-	-
DNR IDP	-	-	-	-
Grand Total	\$2,452,400	\$952,900	-	\$3,405,300

Personnel

Position	Annual FTE	Years Working	Funding Request	Total Leverage	Leverage Source	Total
MMAM Project management staff	3.0	3.0	\$88,600	\$354,300	Private Support (Capital Campaign)	\$442,900

Amount of Request: \$2,452,400

Amount of Leverage: \$952,900

Leverage as a percent of the Request: 38.86%

DSS + Personnel: \$88,600

As a % of the total request: 3.61%

Easement Stewardship: -

As a % of the Easement Acquisition: -

Leverage Funding Table

	Leverage Amount Committed	Leverage Amount Confirmed (of Committed Funds)	Leverage Amount Anticipated	Total Leverage
Amount:	\$354,300	\$354,300	\$354,300	\$952,900
% of Total Leverage:	37.18%	37.18%	37.18%	

Detail leverage sources and confirmation of funds:

These are a mix of private philanthropy through capital funds, endowment revenue and annual fund reserves.

Does this proposal have the ability to be scalable?

Yes

If the project received 50% of the requested funding

Describe how the scaling would affect acres/activities and if not proportionately reduced, why?

The proposal is scalable because activities can be phased geographically and implemented by priority area. MMAM would reduce native plantings down to smaller native plants, more seedlings, for example. Construction materials would also be modified to reduce costs, including using higher-maintenance materials like gravel pathways.

Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?

Personnel and Direct Support Services expenses would scale proportionately with the reduced scope of habitat work, contractor coordination, ecological monitoring, and stewardship activities. Some baseline project management and permitting costs would remain fixed because they are necessary regardless of project scale.

If the project received 30% of the requested funding

Describe how the scaling would affect acres/activities and if not proportionately reduced, why?

Again, the proposal is scalable because restoration activities can be phased geographically and implemented by priority area. MMAM would reduce native plantings and grasses down to planted seeds, taking a few years to build and from appearances would look more in progress vs immediately completed.

Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?

Personnel and Direct Support Services expenses would scale proportionately with the vastly reduced scope of habitat work, contractor coordination, ecological monitoring, and stewardship activities. Some baseline project management and permitting costs would remain fixed because they are necessary regardless of project scale.

What other dedicated funds may collaborate with or contribute to this proposal?

Arts and Cultural Heritage Fund

Clean Water Fund

Environment and Natural Resource Trust Fund

Parks and Trails Fund

Personnel

Has funding for these positions been requested in the past?

No

Contracts

What is included in the contracts line?

Contractor (e.g. a local Winona based) Fill, Groundcover, Plantings, Trees, Labor:

Riverine Habitat Improvements - \$1,149,152 LSOHC request.

Prairie Habitat Improvements - \$1,040,272 LSOHC request.

Landscape - Samela Architects - at 7.5% landscape design fees -\$164,206 LSOHC request.

Professional Services

What is included in the Professional Services line?

Other : Permitting costs

Federal Funds

Do you anticipate federal funds as a match for this program?

No

Output Tables

Acres by Resource Type (Table 1)

Type	Wetland	Prairie	Forest	Habitat	Total Acres
Restore	0	0	7	0	7
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	7	0	7
Total	0	0	14	0	14

Restoration/Enhancement Acres Breakdown of Existing Protected Lands (Table 1a.2)

	RESTORE: Lands acquired with OHF	RESTORE: Lands NOT acquired with OHF	ENHANCE: Lands acquired with OHF	ENHANCE: Lands NOT acquired with OHF
DNR Lands (WMA, State Forests, etc.)	0	0	0	0
Non-DNR Lands (city, state, federal, etc.)	0	7	0	7
Easements	0	0	0	0
Total	0	7	0	7

How many of these Prairie acres are Native Prairie? (Table 1b)

Type	Native Prairie (acres)
Restore	7
Protect in Fee with State PILT Liability	0
Protect in Fee w/o State PILT Liability	0
Protect in Easement	0
Enhance	7
Total	14

Total Requested Funding by Resource Type (Table 2)

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	-	\$1,226,200	-	\$1,226,200
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	-	-	\$1,226,200	-	\$1,226,200
Total	-	-	\$2,452,400	-	\$2,452,400

Acres within each Ecological Section (Table 3)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	0	0	7	0	0	7
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	0	0	7	0	0	7
Total	0	0	14	0	0	14

Total Requested Funding within each Ecological Section (Table 4)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	-	-	\$1,226,200	-	-	\$1,226,200
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	-	-	-	-	-
Enhance	-	-	\$1,226,200	-	-	\$1,226,200
Total	-	-	\$2,452,400	-	-	\$2,452,400

Average Cost per Acre by Resource Type (Table 5)

Type	Wetland	Prairie	Forest	Habitat
Restore	-	-	\$175,171	-
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-
Protect in Easement	-	-	-	-
Enhance	-	-	\$175,171	-

Average Cost per Acre by Ecological Section (Table 6)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	-	-	\$175,171	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	-	-	\$175,171	-	-

Target Lake/Stream/River Feet or Miles

460

Parcels

Sign-up Criteria?

No

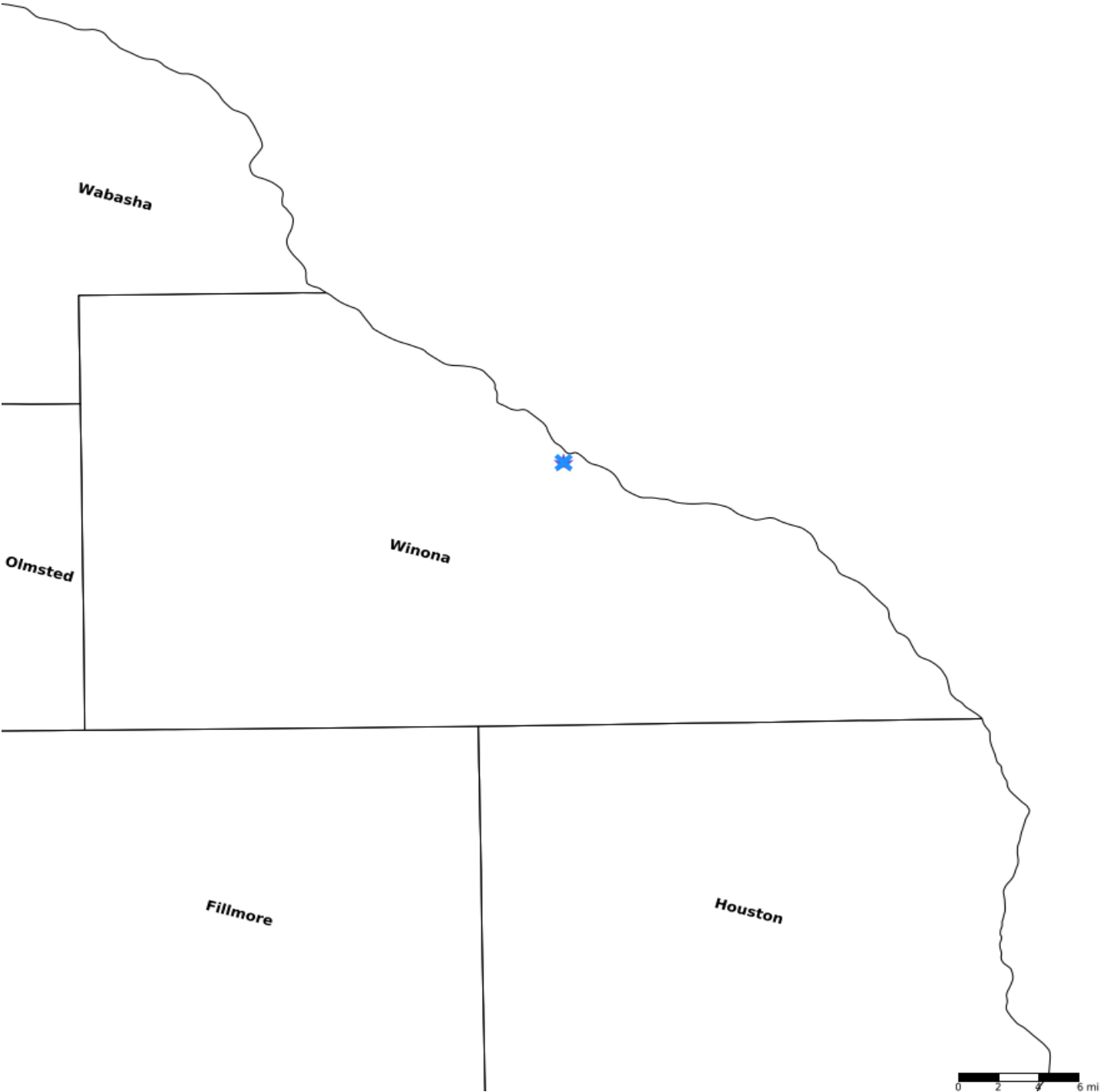
Explain the process used to identify, prioritize, and select the parcels on your list:

It is the site of the Minnesota Marine Art Museum, where the proposed work is to be done.

Restore / Enhance Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection	Description
Minnesota Marine Art Museum	Winona	10707222	7	\$107	No	Restore native prairie and riparian habitat along the Mississippi River shoreline through shoreline stabilization, invasive species removal, native prairie establishment, pollinator habitat enhancement, and stormwater improvements.
Minnesota Marine Art Museum	Winona	10707222	7	\$107	No	Enhance native prairie and riparian habitat along the Mississippi River shoreline through shoreline stabilization, invasive species removal, native prairie establishment, pollinator habitat enhancement, and stormwater improvements.

Parcel Map



- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee W/O PILT
- ★ Restore
- ✳ Enhance
- ⊕ Other

Project Summary: Lessard-Sams Outdoor Heritage Council

The River's Edge Habitat Restoration Project will restore and enhance approximately four acres of native prairie and 460 linear feet of riparian habitat along the Mississippi River at the Minnesota Marine Art Museum in Winona. Beginning in 2027, the project will replace hardened shoreline infrastructure with native prairie and floodplain vegetation, invasive species management, shoreline stabilization, and stormwater infiltration improvements to strengthen habitat for migratory birds, pollinators, reptiles, amphibians, fish, and other wildlife within the Mississippi Flyway. Guided by the museum's Land Management Plan and implemented with agency and community partners, the project will improve biodiversity, water quality, climate resilience, and public engagement with Mississippi River stewardship.

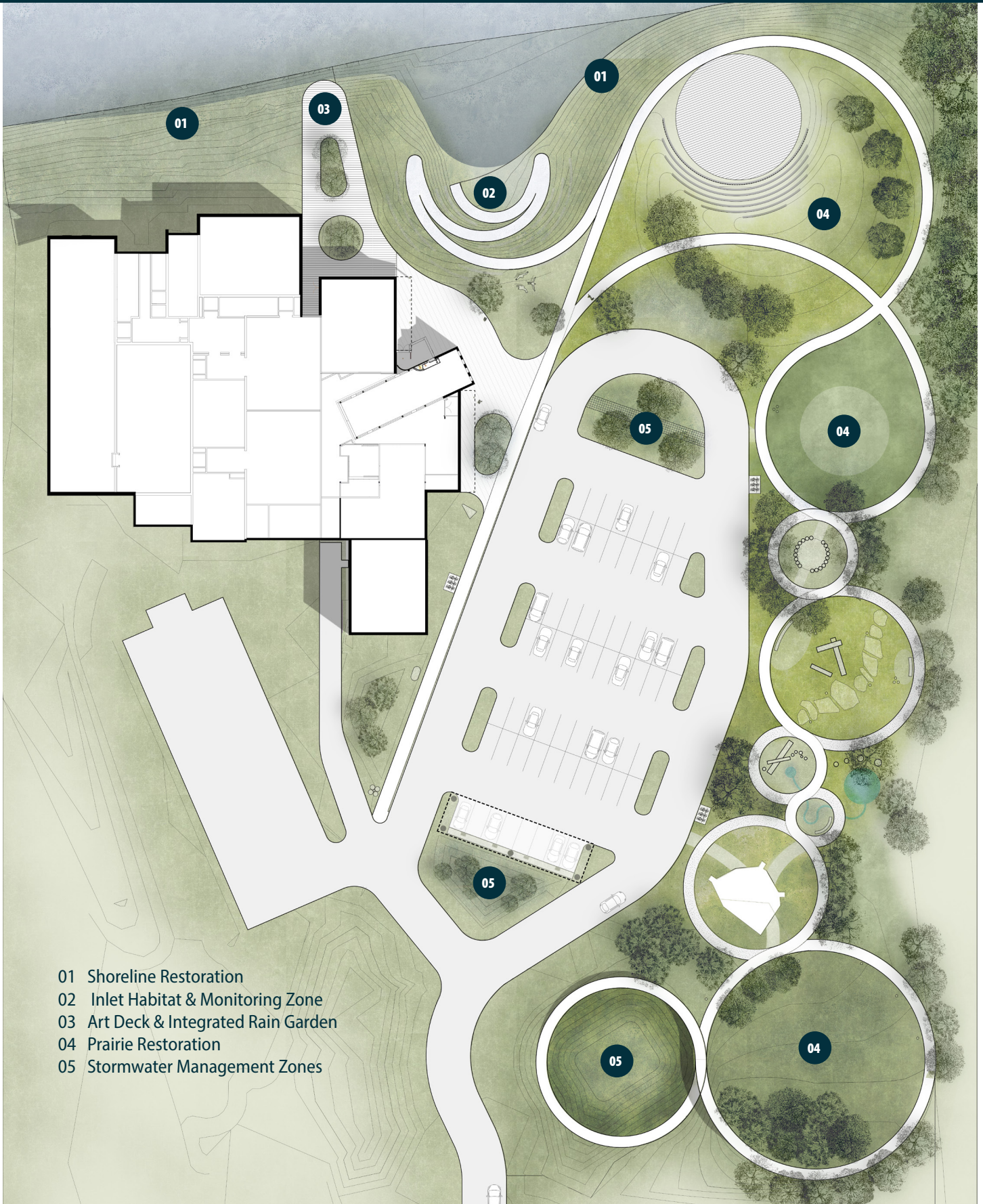
"Two decades in, MMAM is at an inflection point. Visitor expectations are rising, and the creative possibilities in front of us are greater than ever. To steward this place and meet this moment, we must update, expand and integrate our outdoor spaces so we can fully deliver on our mission."

— **SCOTT POLLOCK**



River's Edge Habitat Restoration Project

River's Edge Habitat Restoration Project



- 01 Shoreline Restoration
- 02 Inlet Habitat & Monitoring Zone
- 03 Art Deck & Integrated Rain Garden
- 04 Prairie Restoration
- 05 Stormwater Management Zones