



City Council Memorandum

To: Mayor Fasbender & City Councilmembers
From: Chris Jenkins, Parks & Recreation Director
Date: October 16, 2023
Item: Engage with HKGI for Master Planning Services.

Council Action Requested:

Accept proposal and authorize staff to engage with HKGI to provide Master Planning Services for the Lake Rebecca Park Redevelopment Project.

Background Information:

The City of Hastings received \$1M in grant funding from the LCCMR/ENRTF to complete a redevelopment project at Lake Rebecca Park. The project will include development of a master plan which focuses on habitat restoration, enhancement and expansion as well as redevelopment of the Lake Rebecca parking lots, boat launch and trails.

Staff solicited proposals from multiple consulting firms, four (4) were returned. Proposals received were from SRF at 149,999, SEH at \$149,941.62, Bolton & Menk at \$149,500, and HKGI at \$123,000.

HKGI's proposal meets the needs of the City and this project and was the lowest cost at \$123,000.00.

Staff recommend awarding this professional services contract to HKGI as proposed.

Financial Impact:

This project and the cost for project management is 100% grant funded.

Advisory Commission Discussion:

N/A

Council Committee Discussion:

N/A

Attachments:

- HKGI proposal



PROPOSAL FOR PLANNING & DESIGN SERVICES
LAKE REBECCA PARK MASTER PLAN
HASTINGS, MINNESOTA



Prepared by HKGI and Emmons & Olivier Resources Inc.
September 15, 2023

**Lake Ann Park
Chanhassen**

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September 15, 2023



Chris Jenkins, Parks and Recreation Director
City of Hastings
920 West 10th Street
Hastings, MN 55033

Dear Chris and Members of the Selection Committee,

We are pleased and excited to submit this proposal for master planning and design services for Lake Rebecca Park. For this project we have teamed with Emmons & Olivier Resources (EOR), whose staff will provide natural resources planning and engineering services that will complement the park planning and landscape architecture services provided by HKGI's staff. HKGI and EOR have teamed on multiple parks master planning projects over the past decade. We have worked together to analyze, explore, and develop plans for parks along the St. Croix National Scenic Riverway, as well as parks with multiple water and land natural resources and wildlife habitat.

We understand this project needs to prioritize stakeholder engagement in order to avoid duplication of restoration efforts and determine the best path forward for Lake Rebecca Park. The master plan will focus on development of an ecological-based vision that will enhance the wildlife habitat and natural resources in the park. Multiple stakeholders have knowledge of and history with the site and will contribute valuable information to the development of the master plan. Our proposed approach dedicates a significant amount of effort into facilitating stakeholder engagement and converging on a shared vision for the park.

Consideration must also be given to the passive recreational facilities in the park and improvement of those facilities. Frequent flood events make the recreational facilities unable to be used for large portions of the spring and summer seasons. DNR regulations and permits, such as the requirement for no net rise in elevation along the Mississippi River, will need to be considered when exploring design ideas.

Our team's approach will be focused on exploring options, issues, and opportunities for the master plan, including understanding past and ongoing U.S. Army Corps of Engineers restoration work. Our goal is for the master plan to identify the vision that will establish and guide the recommendations for design and construction implementation. This proposed process will emphasize the development of a strong master plan that will complement, and not duplicate, past and ongoing restoration efforts and will gain buy-in from stakeholders and agreement on a shared vision for the park. The master plan will set the stage for subsequent site design and construction of a new boat launch, parking lot, trails, and key ecological restoration efforts.

We look forward to this opportunity. If you have any questions, please reach out to me.

Sincerely,



Gabrielle Grinde, PLA
Vice President

 612.252.7141

 gabrielle@hkgi.com



HKGi

HKGi was established in 1982 to provide community-based planning and design services to clients throughout the Upper Midwest. Our objective is to help clients build great places for people to live, work, and play. We combine our technical skills and passion for community design with the local knowledge and passion that community stakeholders and leaders have for their communities, neighborhoods, and parks. This community-based approach has been at the heart of our practice since HKGi's founding.

Park Master Planning Services

Park and recreation planning has long been a core service at HKGi. Our planners and landscape architects bring a wealth of experience and knowledge about the programming, sustainability, community engagement, and operations issues that park and recreation planning projects must address.

We leverage our experience, creativity, and understanding of the park development process to provide action-oriented plans and design services that help clients achieve their community's vision for its parks, trails, and open spaces.

Firm Role

HKGi will serve as the lead consultant and will be responsible for project management, engagement leadership, and landscape architecture services for the master planning and design phases of this project.



**CREATING PLACES
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612.338.0800

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Minneapolis, Minnesota 55401

PRINCIPALS

Paul Paige, PLA, President
Brad Scheib, AICP, Vice President
Bryan Harjes, PLA, LEED AP, Vice President
Gabrielle Grinde, PLA, Vice President

ASSOCIATES

Rita Trapp, AICP, LEED AP
Jeff Miller, AICP
Lance Bernard

STAFF

4 Certified Planners
8 Licensed Landscape Architects
9 Planners/Urban Designers
2 Marketing Communications



**COLLABORATE
LISTEN
EXPLORE
CREATE**



Emmons & Olivier Resources, Inc. (EOR)

Established in 1997, EOR is a collaborative group of environmental and design professionals passionate about protecting our waters, restoring healthy ecosystems, and enhancing our community's unique sense of place. We are an employee owned, multi-disciplinary water resource-based firm that specializes in water resources engineering, watershed planning, and modeling; environmental compliance, biological surveying, and restoration; and sustainable site design, planning, and landscape architecture

Approach

At EOR, scientific study and design are inherently intertwined in the pursuit of sustainability. The analytical and creative richness of our solutions derives from this characteristic integration and results in the highest social, environmental, and economic returns for our clients.

Mission + Values

- » We care for the earth and its inhabitants
- » We collaborate with environmentally conscious customers
- » We attract passionate, creative professionals
- » We work in an aspiring and healthy environment
- » We foster a culture of ownership
- » We support the communities we serve
- » We believe now is the time to act

Firm Role

EOR will provide planning, engineering, and landscape architecture services related to natural resources, stormwater, floodplain, and permitting requirements for the master planning and design phases of the project.



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Gabrielle Grinde

HKGi
Principal and Project Manager



Bryan Harjes

HKGi
Concept Design



Aimee Hackett

HKGi
Graphic Design, Engagement



Paul Paige

HKGi
Design Review



Kyle Crawford

EOR
Civil Engineering



Amy Bower

HKGi
Lead Landscape Architect



Jimmy Marty

EOR
Natural Resources



Leilen Farias

HKGi
Design Support





Lumberjack Landing Park Master Plan and Improvements

Stillwater, Minnesota - HKGi worked with a multi-disciplinary team to develop a master plan for a new park fronting the St. Croix River on 15-acres immediately north of downtown Stillwater and the Lift Bridge. The new park is on what was formerly private land and includes an existing house that will be renovated and converted into a park building. The park will provide much-needed access to the St. Croix River for non-motorized watercraft, such as canoes and kayaks. Such access does not currently exist in the area. The park will also feature fishing piers, internal trails and connections to the adjacent Brown’s Creek State Trail, and site restoration and vegetation management plan.

HKGi is currently leading the development of design documents to implement some of the master plan’s key short-term initiatives. These improvements include an ADA accessible canoe/kayak launch and trail connection. Both the planning and design phases have required significant engagement and coordination with federal, state, and county agencies to ensure compliance with Wild and Scenic River requirements, state trail connection standards, and county site requirements.

HIGHLIGHTS

Coordination of review by agencies at the federal, state, and county levels, including compliance with Wild and Scenic River requirements

Launch design features ADA accessibility and accommodation for significant fluctuation of water levels

REFERENCE

Shawn Sanders, Public Works Director
City of Stillwater
ssanders@ci.stillwater.mn.us
651-430-8835





Big Elk Lake Regional Park Master Plan

Sherburne County, Minnesota - HKGi worked with Sherburne County to create a master plan for a potential new county park on a 400-acre privately-owned site. The former owner wanted the land to become a park to preserve the site's natural areas and provide public lake access and a recreational amenity. The County conducted initial archeological and architectural studies to identify Native American burial grounds and artifacts and assess the quality of existing structures on site. HKGi was hired to conduct further site analysis, evaluate natural resources, facilitate public engagement, and develop a master plan to meet Greater Minnesota Regional Parks and Trails Commission (GMRPTC) requirements.

Key engagement for this project involved meetings and site tours with tribal representatives and GMRPTC staff to modify the initial concept plans, placing greater emphasis on Indigenous history and natural resource preservation, as the site's owners had come to desire during the discovery process. The final master plan prioritizes natural resource restoration projects; cultural preservation, education, and interpretation; reducing the number of recreational amenities; and preserving access to the lake and the site's other outstanding landscape features.

HIGHLIGHTS

Development of high quality renderings to enhance fundraising, marketing, and stakeholder communication efforts

Planning addresses sensitive natural and cultural resources on site

REFERENCE

Gina Hugo, Parks Coordinator
 Sherburne County
gina.hugo@co.sherburne.mn.us
 763-765-3308





Carrick's Landing Improvements

Otsego, Minnesota - HKGi provided the City of Otsego with concept planning services for the development of a paddle launch on the Mississippi River at Carrick's Landing Park. Initial planning included the creation of a development concept to identify the best location for the launch and explore potential configurations. HKGi continued its work on the next implementation phases, including schematic design assistance with grant writing to help fund the improvement project.

Improvements under development include stairway and an accessible ramp to provide access to the riverfront; a new shelter; wayfinding signage; benches; a new connection from the parking lot to the landing; and a floating dock.

HIGHLIGHTS

Landing and launch design features ADA accessibility

Natural resource restoration key part of landscape design

Design review includes compliance with regulation of development along the Mississippi River

REFERENCE

Nick Jacobs, Parks and Recreation Director
City of Otsego
njacobs@ci.otsego.mn.us
763-334-3170



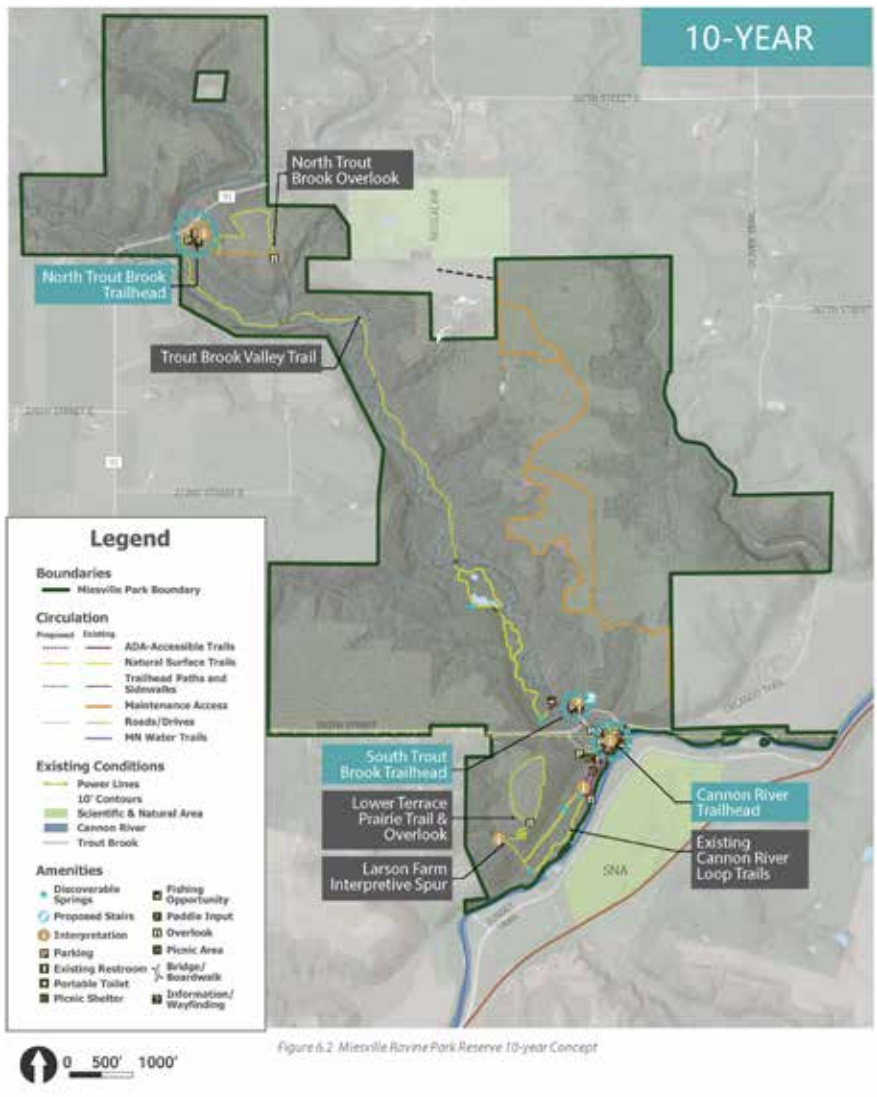
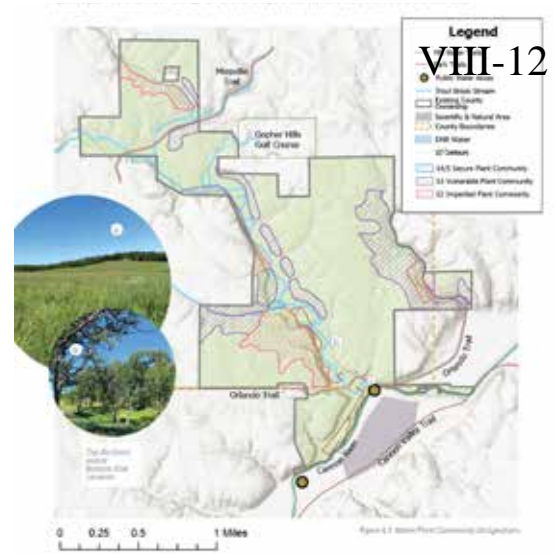


Figure 6.2 Miesville Ravine Park Reserve 10-year Concept



Miesville Ravine Park Reserve Master Plan

Dakota County, Minnesota - HKGi has provided park master planning leadership for a multi-disciplinary team that includes EOR, who is providing natural resources planning expertise. The 1,850-acre park feature high-quality landscapes and cultural resources that the county seeks to preserve while also improving the visitor experience and access to some of the park reserve's features.

The plan established a three-part approach that directs financial and staff resources. 1. Continue to stabilize and preserve the park reserve's natural and cultural resources. 2. Provide thoughtfully integrated, accessible amenities that welcome a broader range of users into the park reserve. 3. Embrace the park's remote setting as a way for visitors to get comfortable exploring remote natural landscapes.

In order to minimize impacts on sensitive resources like trout streams, prairie flora, and bluffs within the park reserve, the plan takes a cautious approach to park development, establishing a 10-year development timeframe for improvements to existing park elements and a long-term development timeframe for more significant expansion of park amenities.

HIGHLIGHTS

- Addresses preservation and restoration of highly-sensitive natural and cultural resources
- Long-term implementation strategies intended to enable park restoration efforts to mature

REFERENCE

Lil Leatham, Principal Planner
 Dakota County
 lil.leatham@co.dakota.mn.us
 952-891-7159





The park master plan (left) identifies a wide range of potential improvements and park expansion or integration opportunities.

HKGi created 3D renderings of the archery range that is proposed for the park as part of the master plan (above).

Great River Regional Park Complex Master Plan

Stearns and Benton Counties, Minnesota - HKGi conducted an expedited master planning process to ensure that the clients would be able to meet a fast-approaching deadline for the GMRPTC’s park and trail designation process. HKGi conducted the planning process over the course of six weeks, including County Parks Commission and Board approval. Despite a compressed schedule HKGi worked with the two clients to engage a considerable number of stakeholders and collect their input and reactions to plan concepts.

The Great River Park Complex actually consists of two parks on opposite sides of the Mississippi River. Canoe and kayak launches on either side of the river will connect the parks, and will also provide access to the Mississippi River State Water Trail bisecting the park. Improvement initiatives include trail improvements and natural resource restoration throughout, but also include a new Archery Center, upgrades to the existing Disc Golf course, improvements to the Historic Farmstead, a new day use area, and potential acquisition for park expansion. HKGi created 3D visualizations and animations to illustrate the Archery Center concept, which received a significant amount of community support.

HIGHLIGHTS

- Designated a Regional Park in 2020
- Compressed planning timeframe of approximately six weeks from start to finish
- Brief but successful community engagement using online input methods to collect detailed, location-based comments

REFERENCE

Ben Anderson, Parks Director
 Stearns County
 320-255-6172
 benjamin.anderson@co.stearns.mn.us





St. Louis River Corridor Parks Planning

Duluth, Minnesota - HKGi provided planning leadership and expertise for an extraordinary initiative to transform the St. Louis River Corridor into a national environmental learning and outdoor recreation destination. The process began with a 2-day visioning workshop to help the City and the corridor's stakeholders establish an overarching vision to guide subsequent parks and natural resource development efforts.

Since that initial workshop, HKGi conducted several park and trail planning projects including the Cross City Trail Master Plan, the West Duluth Sports Corridor Mini-Master Plan, the St. Louis River Estuary National Water Trail Master Plan, the Tallas Island Paddle Center Concept Plan, the St. Louis River Corridor Trails Master Plan, and park master plans for eleven parks in the neighborhoods surrounding the river.

Nearly all of the plans had to address one or more of the following issues: floodplains, river access, natural resource restoration and conservation, development on former industrial land, recreational programming, and financial or ecological feasibility.

HIGHLIGHTS

Master planning addresses a wide variety of park and recreation issues including landscape restoration in former industrial areas

Tallas Island Paddle Center concept to enhance public access to St. Louis River



storymaps.arcgis.com/collections/a82dd3aa0ded405b8172cc03db15e7f1

Awards Fun Stuff RFPs Christmas Online video tutor... Web Examples Minneapolis St. Paul Plan Reports Online Mapping Inspiration

Duluth Parks & Recreation

Collection

Duluth's Natural Resources Management Program Plan

March 2022

Click on the image to explore each chapter

1. Introduction
2. Program Lands & Areas
3. Natural Resources Values
4. Issues & Opportunities
5. Program Coordination
6. Goals, Strategies, Metrics

1. Introduction

Focusing on a Resilient Future for Duluth's Natural Resources

March 2022

Natural Resources Act 48 Habitat & Purpose HMOV Development Program Elements Partners

6. Goals, Strategies, Metrics

Measuring for Success

March 2022

Natural Resources Management Program Plan

Duluth, Minnesota - EOR recently served as the lead consultant for the creation of a Natural Resources Management Program Plan to guide the City of Duluth in improving its resiliency to flooding and other natural disasters. HKGi provided planning, landscape architecture and engagement support for the plan. The plan includes an inventory and analysis of City-managed natural resources, including public open space lands that are dedicated to preservation or connected to local stream systems and watersheds.

The plan's strategies and recommendations address a broad range of topics including land protections, short-term and long-term ecological restoration and management, community outreach and educations, and potential partnerships with other agencies and organizations. The Plan also contains information regarding prioritization, implementation guidelines, a range of cost estimates based on base-, mid- and full-implementation, and measurable targets to help the City gauge progress.

HIGHLIGHTS

Plan is housed online to ensure accessibility and facilitate efficient plan updates

Wide-ranging plan addresses a broad spectrum of natural resource issues throughout the city and its surroundings



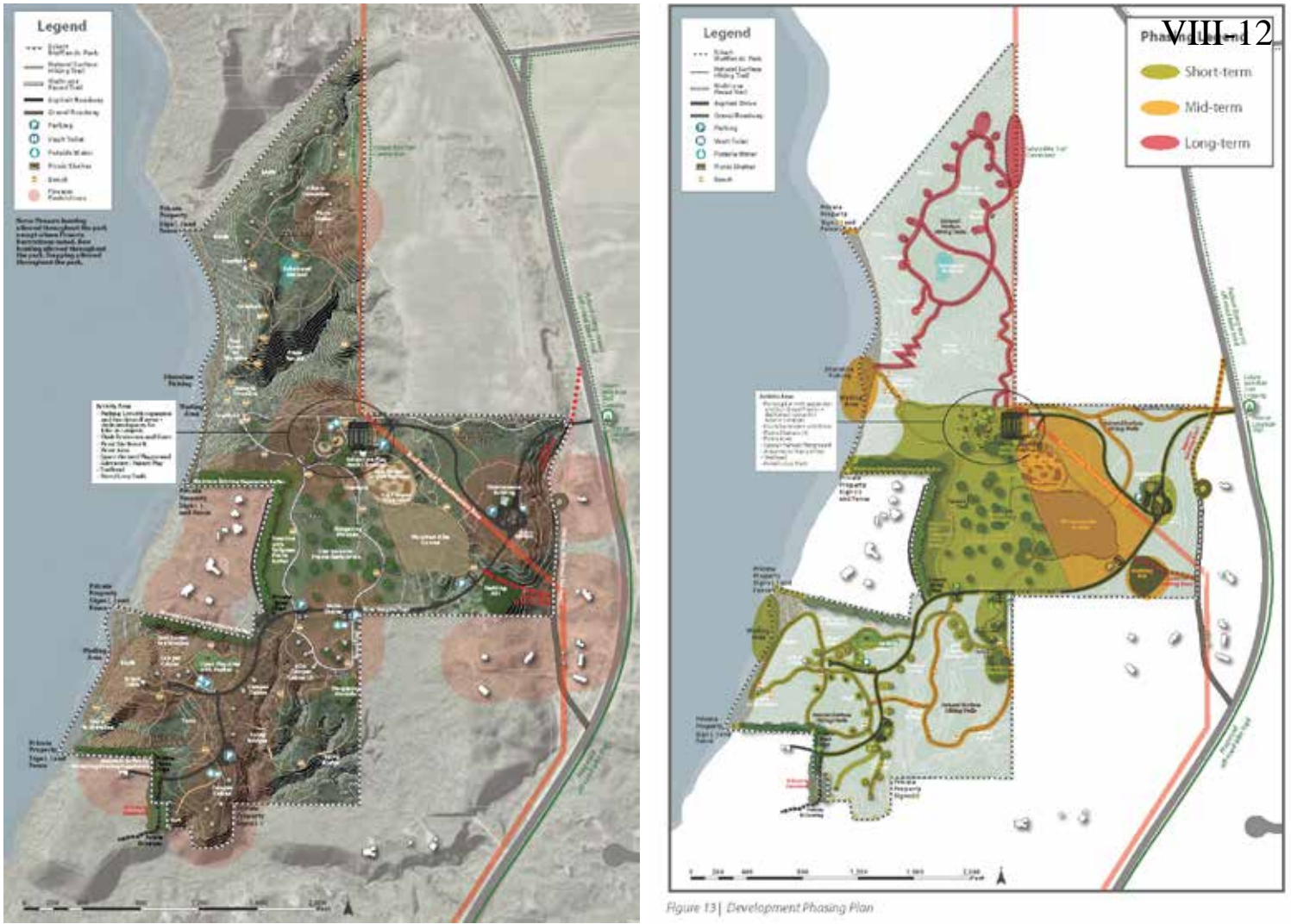


Figure 13 | Development Phasing Plan

Eckert Blufflands Park Master Plan

St. Croix County, Wisconsin - HKGi led a planning process for a new park on what was formerly private land on the Wisconsin side of the St. Croix River. The planning team conducted an inventory of existing conditions for the 167-acre project area and then conducted initial engagement with the community. This analysis and input was used to identify potential issues and opportunities for development of the park and then provided a foundation for the creation of three park concepts. HKGi worked with county staff and community stakeholders to explore development potential in each of the concepts and create a preferred concept to guide future development of the park.

While each concept included similar program elements such as campgrounds, trails, scenic overlooks, landscape preservation and restoration, and fishing access, each concept featured a different emphasis and level of impact to the site. The final master plan document identifies and prioritizes implementation initiatives and also includes strategies to help the county secure funding and phases for park development and construction.

HIGHLIGHTS

- Extensive online engagement processes using Social Pinpoint and ESRI StoryMaps.
- Several stakeholder meetings with landowners, local government representatives, and utilities.
- In-depth conceptual planning and design process for multiple facilities.



Lake Auburn Boat Launch

Date: 2019
Location: Victoria, MN
Client: Three Rivers
 Park District

Summary

EOR developed site plan options and associated construction and O&M cost estimates for an improved boat launch facility at Lake Auburn for the Three Rivers Park District and the Minnesota Department of Natural Resources and garnered stakeholder consensus on a final plan.

The existing facilities & program were dated, worn and insufficient for the increasing interest in the park. EOR's design layered the needs for safety and accessibility with environmental improvements that brought stormwater filtering, shoreline stabilization, ADA accessibility, aquatic habitat, and entirely new carry-in and trailered watercraft launch facilities to the site.

Client Benefits

- Facility is entirely ADA accessible and includes unique accessible shoreline fishing opportunities.
- Bio-engineered shoreline addresses shoreline erosion while enhancing habitat and near-shore fishing experience.
- Expanded facility minimizes tree loss and removals are utilized near shore as fish habitat structures.
- Launch includes a modern aquatic invasive species 'tie down' station for watercraft inspection and cleaning.



Eagle Park Ecological Design

Date: 2022 - 2023
Location: Bondurant, IA
Client: City of Bondurant



In Progress



Existing conditions



Summary

Eagle Park is located in the middle of a growing residential area. EOR was contracted to work with the City to develop park space that would serve the local residents, while placing focus on the ecological potential of the site. Sited between different neighborhoods and schools, this site offered opportunities to better connect local uses while also expanding the City's trail network.

With a team of natural resource specialists, landscape architects and engineers, a plan was developed to build a "nature first" park space that maximized the ecological benefits of the site, while also providing better access, connectivity, and recreational opportunities for the community. The final design celebrates the existing stream and wetland habitats the site has by connecting users to these valuable places. Stream access, restored prairie, gathering spaces, parking, educational signage and a network of trails bring out the potential of the site in a naturalistic and beautiful way. EOR also explored the future incorporation of a disc golf course. Eagle Park is currently under construction, and is anticipated to be open to the public spring, 2023.

Client Benefits

- Helped maximize the natural ecological elements of the site.
- Developed maintenance requirement for all of the restoration efforts to ensure the health and sustainability of these new spaces.
- Provided improved connections in the space for the community.



Beaverdale Park Assessment & Restoration Design

Date: 2023 - Present
Location: Des Moines, IA
Client(s): City of Des Moines

Summary

Redevelopment of the community-beloved Beaverdale Park is centered on the restoration of the park's oak-hickory woodlands, urban stream revitalization, and enhanced user accessibility. The City of Des Moines selected EOR to implement this critical step, based on our versatility and cross-pollination in both park design and natural resource rehabilitation.

The richness of the resulting plan originates from an initial week-long onsite resource assessment and iterative onsite planning & vetting by a team of design and natural resource professionals.

Impacts from the urbanized watershed will be partially mitigated within the park through floodplain reconnection, strategic bank stabilization, and stream pattern adjustments to protect existing infrastructure and steep bluff slopes.

Client Benefits

- Optimal construction cost and minimized resource disturbance stemming from integrated design and construction sequencing.
- Park trail plan was derived via days of on-site planning and vetting by owner and multidisciplinary team, which fostered varied trail typologies, minimized resource impact, and desired 'back-country' user experience.
- Trees proposed for removal will be utilized for instream habitat as well as trail definition and stabilization (e.g., water bars).





Gabrielle Grinde

ASLA, PLA (MN)

Vice President

 gabrielle@hkgi.com

Years of Experience: 15

Education

Master of Landscape Architecture, University of Minnesota

Bachelor of Arts-Political Science, University of Wisconsin-Madison

Registration

Landscape Architect, Minnesota
License No. 50416

Awards

2020 MRPA Award of Excellence -
Hutchinson Parks, Recreation and
Community Education System Plan

2015 MN APA Planning in Context Award -
Moorhead River Corridor Plan

2015 MN APA Innovation in Planning Award
- Lanesboro Arts Campus Vision Plan

2015 MNDOT Stewardship Award in
Transportation and the Natural Environment
- River to River Greenway, Dakota County,
MN

2015 ASLA-MN Merit Award for Analysis and
Planning - Parks and Recreation Master Plan,
Duluth, MN

2015 ACEC-MN Engineering Excellence
Honor Award - Downtown Commons
Enhancements, Buffalo, MN

As project manager Gabrielle will be the primary point of contact for this project and will oversee the work of the planning and design team.

Gabrielle has provided comprehensive park, trail, recreation, and open space master planning services to communities throughout the region and has led master planning processes for several ecological- and natural resource-based parks. She has also led the design process for park improvements in sensitive landscapes.

Her breadth and depth of experience means she understands many of the key issues that will need to be addressed and considered during the planning and design process for Lake Rebecca Park. She has also collaborated with EOR staff on several of the projects included in this proposal and has an excellent working relationship with them.

Relevant Project Experience

- » Lumberjack Landing Park Master Plan and Site Improvements | Stillwater, MN
- » Big Elk Lake Regional Park Master Plan | Sherburne County, MN
- » Eckert Blufflands Park Master Plan | St. Croix County, WI
- » Carrick's Landing Improvements | Otsego, MN
- » Vermillion River Greenway Master Plan | Dakota County, MN
- » St. Louis River Corridor Neighborhood Park Master Plans | Duluth, MN
- » Lake Ann Park Improvements | Chanhassen, MN
- » Great River Regional Park Complex Master Plan | Stearns and Benton Counties, MN





Bryan Harjes

PLA (MN, MI), LEED AP

Vice President

 bryan@hkgi.com

Years of Experience: 24

Education

Master of Landscape Architecture and
Bachelor of Environmental Design,
University of Minnesota

Registration

Landscape Architect, Minnesota, License No.
42954; Michigan License No. 3901001779

Awards

2021 ASLA-MN Honor Award for Planning
and Urban Design - Minnehaha Parkway
Regional Trail Master Plan

2018 ASLA-MN Merit Award for Planning
and Urban Design - St. Louis River Estuary
National Water Trail Master Plan - Duluth-
Superior

2016 AIA Minneapolis Preservation Award
- Minnehaha Park Refectory Renovation,
Minneapolis

2015 ACEC-MN Engineering Excellence
Honor Award - Buffalo Commons, Buffalo,
MN

2014 APA-IA Innovation in Economic
Planning and Development Award - Merle
Hay Road Gateway Redevelopment Master
Plan, Johnston, IA

Bryan will provide design expertise during the charrette at the concept planning phase of the project.

Bryan's involvement in numerous award-winning projects attests to his expertise as a landscape architect. He brings creativity, an ability to lead and facilitate idea generation, and strong critical thinking skills to his project work. His contributions are particularly effective in public workshop and charrette environments, where his ability to listen to ideas and transform them into drawings enables participants to envision and evaluate potential development scenarios.

His experience includes providing park master planning services for several Hastings parks early in his career, and he also has experience conducting park and trail planning and design in contexts similar to those found at Lake Rebecca Park.

Relevant Project Experience

- » Lumberjack Landing Park Plan and Improvements | Stillwater, MN
- » Springbrook Nature Center | Fridley, MN
- » Oxbow Nature Center | Olmsted County, MN
- » Soldier's Field Park Improvements | Rochester, MN
- » Keewaydin Park Improvements | Minneapolis, MN
- » Minnehaha Parkway Regional Trail Master Plan and Improvements | Minneapolis, MN
- » Nokomis-Hiawatha Regional Park Master Plan | Minneapolis, MN
- » S. Valley Park Improvements | Inver Grove Heights, MN
- » St. Louis River Recreational Corridor Master Plan | Duluth, MN





Paul Paige

PLA (MN)

President

 ppaige@hkgi.com

Years of Experience: 33

Education

Bachelor of Landscape Architecture -
University of Minnesota

Registration

Landscape Architect, Minnesota, License No.
23594

Awards

2020 MRPA Excellence Award - River's Edge
Commons Expansion - Elk River

2020 MRPA Excellence Award - Fernbrook
Athletic Fields Complex - Maple Grove

2017 MN APA Success Stories in
Implementation - Downtown Chaska Master
Plan and Streetscape

2015 ACEC-MN Excellence in Engineering
Honor Award - Buffalo Downtown
Commons

2013 MN ASLA Merit Award and 2009 MRPA
Award of Excellence - Rivers Edge Commons,
Elk River, MN

2003 Mpls AIA Merit Award - Bloomington
Civic Plaza

2002 MRPA Award of Excellence -
Normandale Lake Bandshell

Paul will provide design review services for the construction documentation phase of this project.

Paul has more than three decades of experience developing and reviewing design and construction documentation and provides overall quality control services for many of HKGi's design and construction projects.

He has developed an impressive portfolio of park, trail, and site improvement projects and enjoys working with design teams and contractors to ensure that design intent is accomplished during construction and that clients receive high-quality service and deliverables from contractors. His portfolio includes several projects that address many of the complex factors that will influence planning and development of Lake Rebecca Park.

Relevant Project Experience

- » River's Edge Commons | Elk River, MN
- » Veterans Memorial Park | Chaska, MN
- » Great River Regional Park Master Plan | Stearns and Benton Counties, MN
- » North Urban Regional Trail Design | Dakota County, MN
- » Fernbrook Fields Athletic Complex | Maple Grove, MN
- » Gleason Fields Athletic Complex | Maple Grove, MN
- » Lake Ann Park Improvements | Chanhassen, MN
- » Rice Marsh Lake Trail | Chanhassen, MN
- » Bassett's Creek Park Improvements | Minneapolis, MN
- » Bde Maka Ska South Shore Parking Expansion | Minneapolis, MN
- » Big Elk Lake Park Master Plan | Sherburne County, MN






Amy Bower

PLA (MN)

Landscape Architect

 amy@hkgi.com

Years of Experience: 26

Education

Masters of Landscape Architecture,
University of Minnesota

B.S., Industrial Design, University of
Wisconsin-Stout

Registration

Landscape Architect, Minnesota
License No. 41472

Awards

2020 MRPA Excellence Award - River's Edge
Commons Expansion - Elk River

2020 MRPA Excellence Award - Fernbrook
Athletic Fields Complex - Maple Grove

2017 MN APA Success Stories in
Implementation Award - Downtown Master
Plan and Streetscape - Chaska, MN

2015 MnDOT Stewardship Award - River to
River Greenway

2015 ACEC-MN Excellence in Engineering
Honor Award - Buffalo Downtown
Commons

2013 MN ASLA Merit Award and 2009 MRPA
Award of Excellence - Elk River Rivers Edge
Commons

Amy provides design expertise for the schematic, and design development, and construction documentation and administration phases of site improvement projects. She has more than two decades of experience providing landscape architecture services for all kinds of park, trail, and public space improvements, including several complex design projects within sensitive areas.

Her experience as a landscape architect is bolstered by her background in industrial design, enabling her to understand how to transform planning and design concepts into built work. Amy provides outstanding efficiency, is an excellent advocate for the client during bidding and construction phases, and provides reliable cost estimation services that aid clients in planning and budgeting for park improvements.

Relevant Project Experience

- » Lumberjack Landing Park Improvements | Stillwater, MN
- » Lost Lake Greenway and Plaza Design | Mound, MN
- » Lock and Dam Road Streetscape Design | Hastings, MN
- » River to River Greenway Design | Dakota County, MN
- » Veterans Memorial Park | Chaska, MN
- » River's Edge Commons | Elk River, MN
- » Nokomis-Hiawatha Regional Park Master Plan | Minneapolis, MN
- » Springbrook Nature Center | Fridley, MN
- » Fernbrook Fields and Gleason Fields Athletic Complexes | Maple Grove, MN
- » Wayfinding Signage Design | Hutchinson, MN
- » Soldier's Field Park Improvements | Rochester, MN





Leilen Farias

Landscape Designer

 leilen@hkgi.com

Years of Experience: 7

Education

Master of Landscape Architecture and B.S. in Architecture, University of Minnesota

Awards

Regents Scholarship - University of Minnesota

Student Academic Excellence Award, U of M College of Design

U of M Design Student and Alumni Board Member

Leilen will provide design support for the Lake Rebecca Park master plan process, particularly throughout the preliminary and final design phases of the project.

Although Leilen is new to HKGi, she brings seven years of experience contributing landscape design services to public space improvement projects with the University of Minnesota's Landcare Department. Her experience includes cost estimation, concept design, design documentation, construction administration, and working with vendors and contractors.

Leilen is fluent in multiple languages and brings experience living and working in diverse cultural settings, which means she brings new perspectives and ideas to HKGi's design work.

Relevant Project Experience

- » Wayfinding and Signage Plan | Chanhassen, MN
- » Recreation Area Master Plan | Grand Marais, MN
- » Trail Wayfinding Signage | Hastings, MN
- » Splash Pad Concept Plan | Hutchinson, MN
- » Mall Redevelopment Area Study | Moundsview, MN
- » Park Planning | Otsego, MN
- » Park System Plan | South St. Paul, MN





Aimee Hackett

Urban Designer

 aimee@hkgi.com

Years of Experience: 5

Education

B.S., Landscape Architecture, Arizona State University

Awards

Williams Family Scholarship, received scholarship twice

Nominated for Herberger Institute for Design and the Arts Design Excellence Student Award

Selected for Student Presentation at 2016 ACEC Annual Roads and Streets Conference

Aimee has been a key contributor to many of HKGi's recent projects by providing graphic design expertise and technical support for public space planning initiatives. She has designed community engagement materials, infographics, engagement summaries, online materials, and plan reports for a variety of projects. Aimee strives to create a recognizable and unique brand for each project, which enhances the ability of community members to recognize and participate in engagement activities.

Aimee's graphic design also helps to clearly and concisely convey key themes and messages to project stakeholders and decision-makers. Appealing, reader-friendly documents can also help enrich community support, can be used to market opportunities to the development community, and can be used to secure funding and support for implementation and public improvement initiatives contained in the plan.

Relevant Project Experience

- » People Movement Plan | Hastings, MN
- » Lumberjack Landing Park Master Plan | Stillwater, MN
- » Big Elk Lake Regional Park Master Plan | Sherburne County, MN
- » Eckert Blufflands Park Master Plan | St. Croix County, WI
- » Great River Park Complex Master Plan | Benton and Stearns Counties, MN
- » Great River Regional Trail Master Plan | Wright County, MN
- » Kinni River Corridor Plan | River Falls, WI
- » Hok Si La Park Master Plan | Lake City, MN
- » Lakefront Park Master Plan | Prior Lake, MN



Project Experience

Eckert Blufflands Park Master Plan

St. Croix County, WI via HKGI / Project Engineer

Provided civil infrastructure assessment and conceptual design for the development of a new 170-acre park containing wooded uplands, deep ravines, former agricultural fields, over 100-foot high river bluffs, and more than a half mile of river shoreline.

Confederation Park LID and Storage Design

O2 Planning & Design, City of Edmonton, AB/Stormwater Designer
Prepared preliminary and detailed designs for storm sewer connections and underground storage facility to mitigate rainfall related ponding in the adjacent neighborhood and reduce release rates into vulnerable Whitemud Creek system. Supported permitting and will produce final design and construction services.

Northwood Playfield Park

City of Thunder Bay / Project Engineer

Designed stormwater infiltration basin and storm sewer improvements as part of a "Water is Life" theme within a municipal park in Thunder Bay.

Cleary Lake Outlet Replacement

TRPD, Prior Lake, Lead Engineer

Lead engineer for replacement of a large lake outlet on Cleary Lake within Cleary Lake Regional Park. The project, completed for the Three Rivers Park District, utilized large (88" span) reinforced concrete storm sewer and a concrete drop structure (120" diameter manhole) to both convey large quantities of water and prevent invasive species migration upstream into Cleary Lake.

Bixby Park Water Quality Improvements

Comfort Lake Forest Lake Watershed District / Project Engineer

Designed a lightweight aggregate filter berm to promote water quality and wetland improvements in Forest Lake.

Lily Lake Stormwater Basin

Middle St. Croix Watershed Mgmt. Organization / Project Engineer

Coordinated site design, permitting, and construction oversight for a large-scale infiltration basin within a municipal park. Completion of the project will allow the nearby Lily Lake to be formally delisted from Minnesota's Impaired Waters list.

Swede Hollow Stormwater Improvements

City of St Paul / Design Engineer

Design engineer for design of stormwater improvements within a municipal park near downtown St Paul. Wetland dredging, storm sewer reconstruction and flood mitigation measures will ensure residents can enjoy Swede Hollow Park for years to come.

Goose Lake Iron Enhanced Sand Filter

Comfort Lake-Forest Lake Watershed District / Project Engineer

Oversaw implementation of an iron-enhanced sand filter and stormwater improvements upstream of Goose Lake, an MPCA impaired water.

Moody Lake Wetland Improvements

CLFLWD, Forest Lake / Design Engineer

Design engineer for dredging of large wetlands to remove phosphorus-leaching soils and create additional capacity for capture prior to entering Moody Lake.



**Kyle
Crawford
PE**

Civil Engineer

Kyle Crawford is a Water Resources Engineer with 11 years of broad experience in civil engineering, stormwater management, and ecosystems restoration.

He is well versed in design and assessment platforms ArcGIS, HydroCAD, Bentley FlowMaster, CulvertMaster, and AutoCAD Civil 3D.

Kyle has been directly involved in a wide range of projects in stormwater conveyance design, stormwater management plans, residential and commercial site design, and implementation of eco-restoration. These projects have utilized his background in land and construction surveying, civil engineering design, erosion and sediment control and construction observation.

Education

2012 Bachelor of Science
Civil Engineering
University of North Dakota

Professional Registration

#54906 MN Professional Engineer: civil
#47750 WI Professional Engineer: civil
#59034 CO Professional Engineer: civil
#P24812 IA Professional Engineer: civil
#126819 TN Professional Engineer: civil
#12970808-2202 UT Professional Eng: civil
#146952 TX Professional Engineer
#PE.89255 OH Professional Engineer

Areas of Expertise

Stormwater Design & Management
Erosion & Sediment Control
Construction Site Management

Additional Training

2014 AutoCAD Civil 3D – Advanced
2015 CPR/First Aid
2022 OSHA 8-hour Safety Course
2022 SWPPP Design Certification
2022 SWPPP Construction Site Management
2022 Stormwater Operations and Maintenance



Project Experience

Eagle Point Park Vegetation Monitoring

City of Dubuque, IA / Biologist

Established long-term vegetation monitoring plots for the purposes of monitoring pre- and post-restoration activities within Eagle Point Park. Plots were established in a range of habitats, from bluff woodland to dry-mesic forest to manicured parkland, requiring broad knowledge of a variety of species.

Natural Resources Management Program Plan

Duluth, MN / GIS Specialist & Ecologist

Created interactive ArcGIS Online web maps to share and analyze data with a large technical team. Categorized and prioritized mgmt. actions using GIS and consensus methods.

Long Lake Vegetation Management Plan (on-going)

Carnelian-Marine-St. Croix Watershed Dist. / Aquatic Biologist

Developed Lake Vegetation Mgmt. Plan in collaboration with the DNR for a lake infested with Eurasian Watermilfoil. Conducted point-intercept surveys, analyzed data, and recommended treatments. Collaborated with DNR and Univ. of MN researchers to develop a native plant reintroduction plan.

Minnesota Land Trust Habitat Mgmt. Plans (on-going)

Minnesota Land Trust / Ecologist

Completed 11 habitat mgmt. plans for private lands in the Laurentian Mixed Forest & Eastern Broadleaf Forest Provinces. Conducted native plant community mapping according to DNR field methods and provided mgmt. Recommendations.

Big Elk Lake Regional Park Master Plan (on-going)

Private/ Ecologist

Inventoried native plant communities according to DNR-field methods. Identified sensitive natural resource areas and recommended sites for park amenities. Prepared mgmt. recommendations, implementation plan, and cost estimates.

Rapid Floristic Quality Assessments

Comfort Lake-Forest Lake Watershed District / Biologist

Conducted Rapid Floristic Quality Assessments and assigned quality scores to several wetland complexes within Comfort Lake-Forest Lake Watershed District in Washington County. Assessed RFQA scores in the context of potential water quality projects within the surrounding area.

Cedar and Wabedo Lakes Habitat Management Plans

Minnesota Land Trust / Environmental Scientist

Completed native plant community mapping according to DNR methods & drafted habitat management plans for two conservation easement sites. Plant communities included mosaics of upland forest and several classes of wetland and shoreland.

Lone Lake Park Vegetation Survey

Protect Our Minnetonka Parks / Biologist

Completed a vegetation survey along a proposed mountain bike trail corridor in Minnetonka, MN, according to Minnesota DNR relevé methods. Assessed the potential quality of habitat and potential impacts from the proposed mountain bike trail on the ecology of the park. Native plant communities along the corridor included dry-mesic oak forest and mesic hardwood forest.



**Jimmy
Marty**
CMWP

**Environmental
Scientist**

Jimmy has 8 years of experience as an environmental scientist, specializing in wetland science, environmental due diligence, and natural resource surveys and monitoring. Combined with a research background in ecological restoration, he possesses a well-rounded skill set that contributes to a wide variety of projects, ranging from desktop-level reviews and analysis to expansive field efforts and site assessments.

Education

- 2015 Masters of Science
Utah State University
Focus: Wetland Ecology
- 2012 Bachelor of Arts
Luther College
Major: Biology

Professional Registration

- # 1322 Certified Minnesota Wetland Professional (CMWP)
- Wisconsin DNR Certified Endangered Resources Reviewer
- Minnesota DNR-listed Aquatic Plant Surveyor

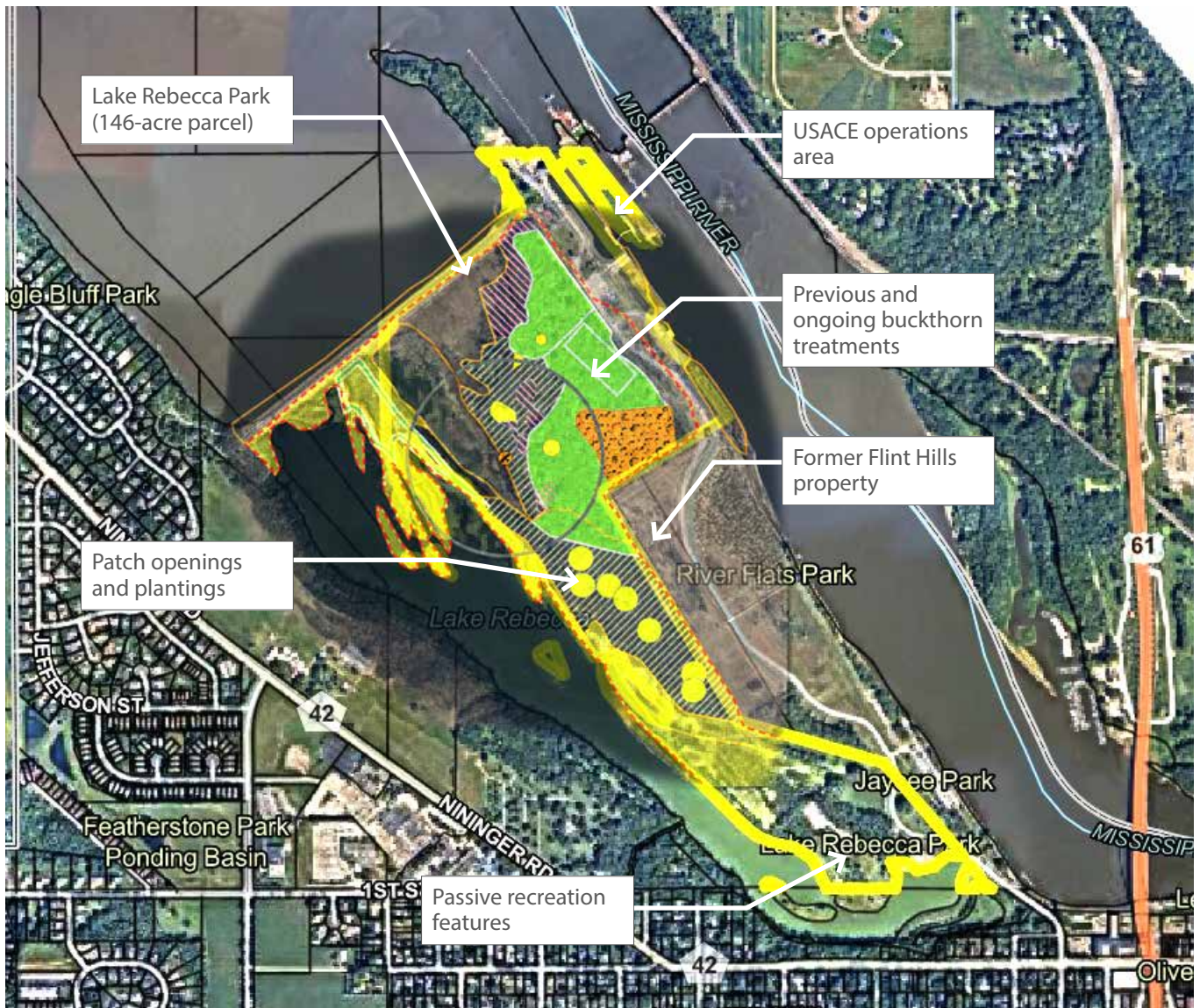
Additional Training

- 2016 Confined Space Entry
- 2010 Wilderness First Aid

Areas of Expertise

- Wetland Science
- Aquatic Botany
- Environmental Due Diligence
- Natural Resource Surveys and Monitoring
- Technical Report Preparation





Existing conditions and considerations for Lake Rebecca Park site analysis and master planning

Work Plan and Tasks

Our proposed process follows the expectations of the RFP and the grant received by the City of Hastings for the enhancement of habitat quality and passive recreation features in Lake Rebecca Park. We propose a flexible process that will meet the needs of the city and integrate stakeholder engagement throughout the master planning and construction design phases.

Phase 1 - Development of the Master Plan

The first phase of the master planning project will be to conduct all the work needed to complete a visionary and ecologically-based master plan for Lake Rebecca Park. The process will involve background data review, in-depth stakeholder engagement, and organization of information. A strong and clear vision for the park may include identification of zones, such as passive recreation, prairie restoration, oak savanna restoration, and floodplain forest. In addition to the vision, a phase implementation plan and approach for achieving the vision with responsibilities, projects, and cost estimates will be included.

[1a] General Project Management and Communication

This task will carry over all phases of the project, with significant efficiency gained by integrating tasks with HKGI's existing Project Management contract. The project manager will be accessible to city staff as needed for meetings and presentations, as well as general input regarding project schedule and tasks. We will prepare progress reports every other week during the design phase that include information required as part of grant administration.

[1b] Site Inventory and Analysis

Site reconnaissance will be conducted by biologists and natural resource specialists certified in wetland and endangered species analysis. This work will include conducting a topographic and tree location survey in order to set the baseline of understanding for the master planning and the following construction design. Utilities and other relevant amenities will be included in the site survey.

An inventory of natural resources on the site will be developed using GIS in order to blend with existing data available from other public agencies and organizations, such as the U.S. Army Corps of Engineers Forestry Division, Dakota County, Friends of the Mississippi River, and the City of Hastings. We will spend time developing an understanding of the existing and ongoing treatments conducted and managed by these groups. The inventory will include a review of precedent and planned work by USACE and others; landcover delineation and classification; documentation of invasive species occurrences and concentrations; and an identification of unique or noteworthy natural resource features, habitats, and restorative opportunities.

Our team members' site visits to inventory the existing natural resources and infrastructure will include a set of site photos and a list of noted site features and conditions relevant to the master plan and subsequent implementation efforts. Our process includes an allowance for geotechnical work that can be performed at this point in the project in order to understand the soils beneath the surface at the boat launch and parking area.



Site work will include the collection of a data regarding wetlands, landcover, habitats, topographical features, and other characteristics that will be vital to future park development.

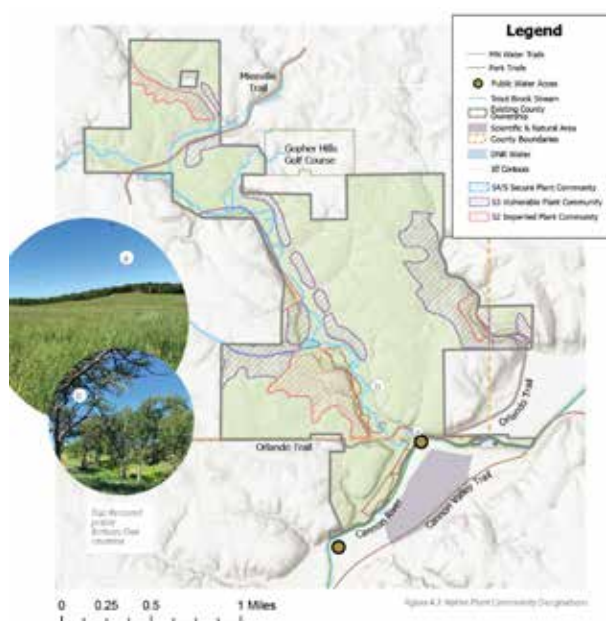
[1c] Master Planning and Schematic Design

The master plan will be a succinct report, with compelling graphics, that represents a strong vision for the property with the site investigation to back it up, and the implementation and phasing steps to achieve it. The master plan will focus on the ENRTF grant agreement the City of Hastings received to develop an ecological-based vision that aims to enhance habitat quality and construct passive recreation facilities in the park.

We propose the following outline as a starting point for the Master Plan report.

- » The **Executive Summary** will give the city a 2-4 page document that highlights the key points of the master plan, such as the vision, the overview of implementation projects, and the summary of the inventory and analysis process.
- » The **Introduction and Background** chapter will describe the background and timeline for the property, the planning process, and the project purpose.
- » The **Site Inventory and Analysis** chapter will include the site survey and geotechnical analysis completed during the previous project task, detailed maps and tables, along with site photos and descriptions of the existing conditions of the site, the agencies and organizations that have been involved with managing and restoring the site, and the projects that have been completed. A summary of public and stakeholder input will be included in the analysis. Consideration of conceptual design alternatives and outward threats and forces that may impact the site will be described.
- » In the **Development Plan** chapter, recreational facilities and access infrastructure will be described in maps, diagrams, and imagery to clearly describe the physical infrastructure to be rebuilt on the site. Design will be at the level of conceptual or schematic design drawings, with civil engineering and stormwater management design and considerations included.

- » The ecological management recommendations and restoration plan will be described in the **Natural Resources Restoration and Management Plan** chapter. Guidelines and specific recommendations, such as habitat zones for prairie, oak savanna, floodplain forest, and passive recreation areas will be included.
- » The **Implementation and Phasing** chapter will include projects, timeline for implementation, responsible parties and partnerships, cost estimates, and funding opportunities. An operations and management plan will describe how the improvements will be managed over the coming decades to be a success for the natural landscape and the park use.



The site inventory and analysis will provide critical information that will form a baseline for subsequent planning. Site photos will help illustrate key landscape features, and mapping will be used to identify a host of landscape and vegetation features.

[1d] Integrated and Collaborative Engagement

Our process proposes a robust and comprehensive public engagement and participation process in order to develop a strong master plan that has buy-in from multiple partners and members of the general public, many of whom are existing and potential future users of the park. We anticipate developing a plan for public engagement early on in the project schedule. This plan will help the planning team identify key stakeholders and potential meeting times with them. These stakeholders will be able to provide the planning team with a better understanding of the multiple layers of ongoing efforts in Lake Rebecca Park.

The general public will be engaged through online methods and potential pop-up meetings or events. Information regarding the project timeline, grant funding, and overall goals and objectives will be shared with the public through these methods, and feedback will also be collected related to current use of the site, and issues and opportunities for improvements.

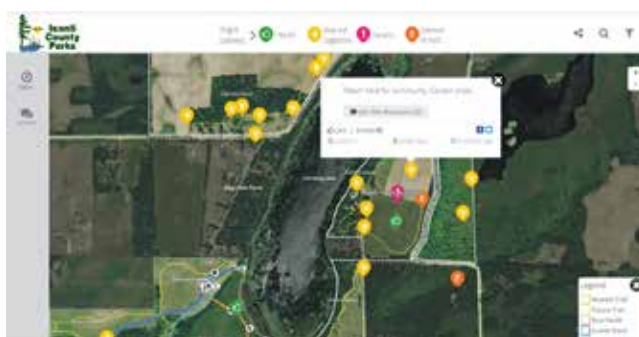
Stakeholders that should be engaged during the process could include, but are not limited to, the following agencies and organizations: Minnesota Department of Natural Resources, U.S. Army Corps of Engineers Forestry Division, Friends of the Mississippi River, Dakota County, the Vermillion River Watershed JPO, and potentially others as needed. These groups hold valuable knowledge of the site and can offer opportunities for natural resources and development site work.

Public survey and outreach services provided will include writing and hosting of an online survey, potential use of an online interactive mapping tool, development of digital and print promotional materials (flyers, postcards, press release etc.), evaluation and summarizing of the input in a graphic format, and stakeholder meeting agendas and notes.

Our engagement process includes a design workshop (charrette) that will be focused on collaboration and idea generation involving the design team and multiple agency stakeholders and client representatives, as available. The workshop

will be a two to four hour, in-person session, of which the outcome will be multiple design sketches and a list of creative vision and implementation ideas. Prior to or during the workshop, we will research and explore creative and unique design solutions, such as the Tiny Forests concept for ecologically and habitat rich forest ecosystems in concentrated areas.

Stakeholder engagement with key stakeholders may include meetings during the construction design and development to address specific questions and issues as they arise.



Online engagement, pop-ups at community events, and a design workshop are all part of the HKGI/EOR team's proposed engagement process for this project.

Phase 2 - Development of Construction Documents for Project Implementation

The second phase of the project is meant to be the implementation work that is recommended and guided by the master plan. This phase of the project may begin toward the middle or end of the master planning process, over the winter of 2023-2024, if there is substantial agreement on specific site design tasks and direction of the park improvements.

[2a] Design Development

Our team will develop design drawings for proposed infrastructure that will be based on previous conversations held with project stakeholders, the city, and the public. This infrastructure is anticipated to include the boat launch, parking lot, and trails, along with updated cost estimates. We will develop an overall plan layout that will identify pedestrian, bike, and vehicle circulation routes, consider creative and unique boat launch design solutions, recommend amenities, and plan for site wayfinding, including acknowledgment of state funding as required. Creative design solutions explored during the design workshop and site analysis may impact how the recreational infrastructure relates to each other and to Lake Rebecca in order to provide the best recreational experience and highest quality natural resource habilitation envisioned. Natural resource restoration plans will be developed for the larger portions of the site that identify projects to be completed during 2024 and 2025.

[2b] Construction Documentation

Following conversations with city staff and other organizations, as needed, we will develop a draft construction document set and subsequent final set ready for bidding. Part of the deliverables for the Construction Documentation set will be a Site-Specific Ecological Restoration and Management Plan. Our team will utilize and follow the Board of Soil and Water Resources "Native Vegetation Establishment and Enhancement Guidelines," including contribution to a report that ensures all requirements are met or exceeded. Working with the city staff, our team will prepare general, supplemental, and technical specifications for the

construction design package. A final cost estimate will be created that incorporates updated design specifications. As part of the master plan document, we will update the operations and maintenance plan that identifies tasks and expectations for long-term success of the project improvements.

[2c] Bidding & Construction Administration

The final task in the proposed process will be the preparation of final bid documents, ready for posting on the appropriate channels for public bidding. Our team will work with the city to manage the bidding process. Following selection of a contractor, we will host a pre-construction meeting, complete construction staking, and conduct construction administration during project installation. This task may begin in the early part of 2024, and continue into June of 2025. All project work must be completed in June of 2025.



HKGI and EOR staff members are experienced at providing construction administration and are committed to acting as the client's advocate to ensure that construction proceeds according to plan.

Proposed Fees

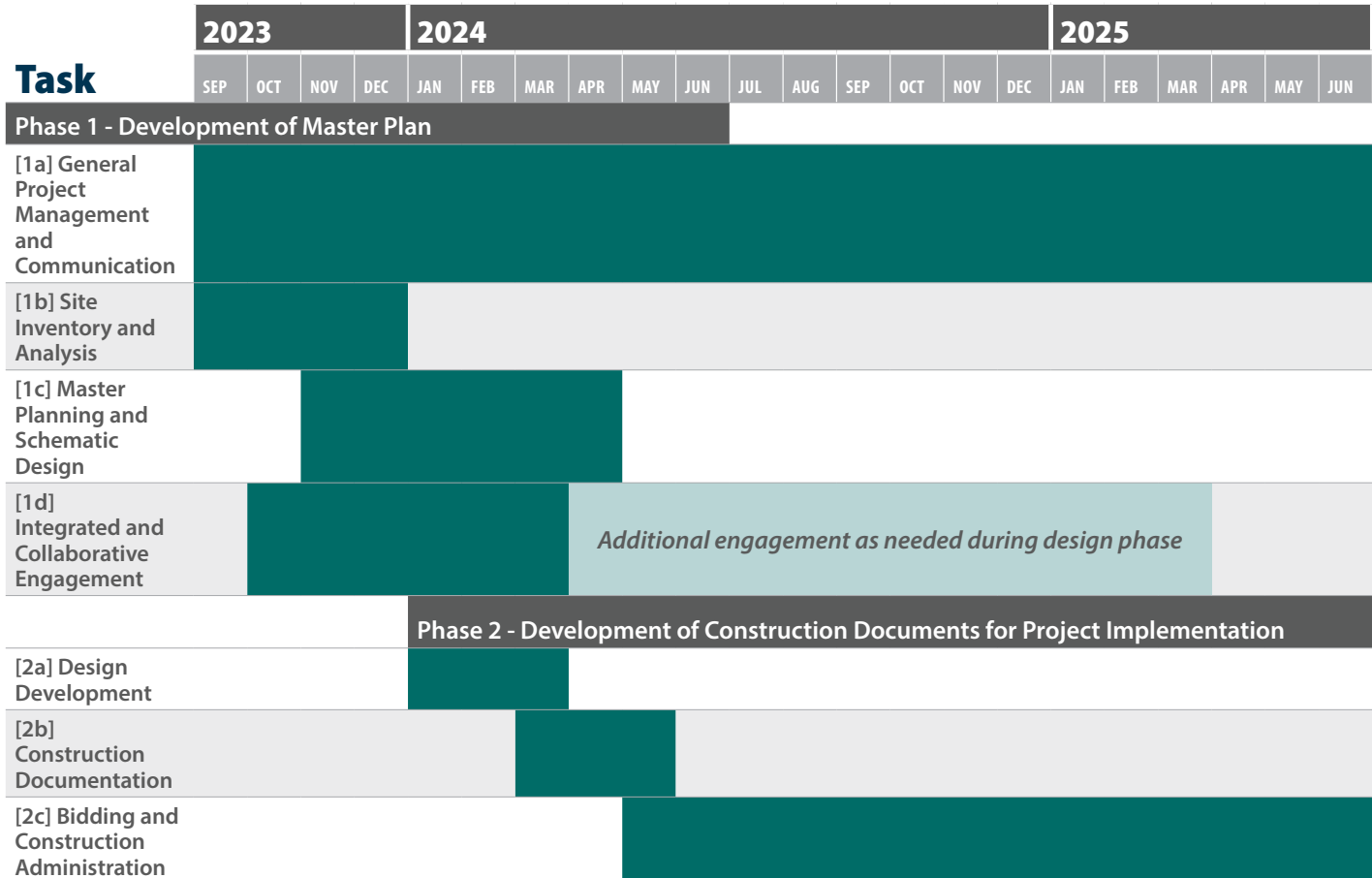
PROJECT PHASE	PROPOSED FEE
[1a] General Project Management and Communication	\$7,500
[1b] Site Analysis	\$20,400
[1c] Master Planning & Schematic Design	\$22,500
[1d] Integrated and Collaborative Engagement	\$10,700
[2a] Design Development	\$18,200
[2b] Construction Documentation	\$23,800
[2c] Bidding and Construction Administration	\$18,900
<i>Project Expenses (mileage + printing)</i>	\$1,000
Total Fees for all projects described in the proposal	\$123,000
Project Contingency for Potential Additional Services, if needed	\$24,000

Fee Proposal Notes

Our fees reflect efficiencies during Phases 1a and 1d, where the existing HKGI project management contract may allow duties to be split between the master planning and project management contracts.

The project management team will incorporate a contingency fund to account for potential additional tasks, such as delineation, soil borings, permitting, electrical design, including lighting, additional engagement, floodplain modeling, and material and performance testing (composition, densities, compaction) during construction.

Project Schedule





**CREATING
PLACES
THAT ENRICH
PEOPLE'S
LIVES**

