

**AGREEMENT FOR PROFESSIONAL SERVICES  
BY AND BETWEEN**

**URBAN ECOSYSTEMS  
AND  
CITY OF DULUTH**

THIS AGREEMENT, effective as of the date of attestation by the City Clerk (the “Effective Date”), by and between the City of Duluth, hereinafter referred to as City, and Urban Ecosystems located at 2500 University Avenue West, Suite C8, Saint Paul, MN 55114, hereinafter referred to as Consultant for the purpose of rendering services to the City.

WHEREAS, the City has requested consulting services for Interpretive Plan for Waabizheshikana, The Marten Trail, (the “Project”); and

WHEREAS, Consultant has represented itself as qualified and willing to perform the services required by the City; and

WHEREAS, Consultant submitted a proposal to provide services for the Project (the “Proposal”), a copy of which is attached hereto as Exhibit A; and

WHEREAS, the City desires to utilize Consultant’s professional services for the Project;

NOW, THEREFORE, in consideration of the mutual covenants and conditions hereinafter contained, the parties hereto agree as follows:

I. Services

Consultant will provide services related to the Project as described in Consultant’s Proposal (the “Services”). Consultant agrees that it will provide its services at the direction of the Director of Property, Parks & Libraries (“Director”). In the event of a conflict between the Proposal and this Agreement, the terms and conditions of this Agreement shall be deemed controlling.

II. Fees

It is agreed between the parties that Consultant’s maximum fee for the Project and Services shall not exceed the sum of Ninety-Nine Thousand, Two Hundred Forty-Eight and 00/100 dollars (\$99,248.00) inclusive of all travel and other expenses associated with the Project, payable from Fund 452-030-5530; HANDHTAX-1501-06. All invoices for services rendered shall be submitted monthly to the attention of the Director. Payment of expenses is subject to the City’s receipt of reasonable substantiation/back-up supporting such expenses.

III. General Terms and Conditions

1. Amendments

Any alterations, variations, modifications or waivers of terms of this Agreement shall be binding upon the City and Consultant only upon being reduced to writing and signed by a duly authorized representative of each party.

2. Assignment

Consultant represents that it will utilize only its own personnel in the performance of the services set forth herein; and further agrees that it will neither assign, transfer or subcontract any rights or obligations under this Agreement without prior written consent of the City. The Primary Consultant(s) assigned to this project will be John Koepke (the "Primary Consultant"). The Primary Consultant shall be responsible for the delivery of professional services required by this Agreement and, except as expressly agreed in writing by the City in its sole discretion, the City is not obligated to accept the services of any other employee or agent of Consultant in substitution of the Primary Consultant. The foregoing sentence shall not preclude other employees of Consultant from providing support to the Primary Consultant in connection with Consultant's obligations hereunder.

3. Data and Confidentiality, Records and Inspection

- a. The City agrees that it will make available all pertinent information, data and records under its control for Consultant to use in the performance of this Agreement, or assist Consultant wherever possible to obtain such records, data and information.
- b. All reports, data, information, documentation and material given to or prepared by Consultant pursuant to this Agreement will be confidential and will not be released by Consultant without prior authorization from the City.
- c. Consultant agrees that all work created by Consultant for the City is a "work made for hire" and that the City shall own all right, title, and interest in and to the work, including the entire copyright in the work ("City Property"). Consultant further agrees that to the extent the work is not a "work made for hire" Consultant will assign to City ownership of all right, title and interest in and to the work, including ownership of the entire copyright in the work. Consultant agrees to execute, at no cost to City, all documents necessary for City to perfect its ownership of the entire copyright in the work. Consultant represents and warrants that the work created or prepared by Consultant will be original and will not infringe upon the rights of any third party, and Consultant further represents that the work will not have been previously assigned, licensed or otherwise encumbered.
- d. Records shall be maintained by Consultant in accordance with requirements

prescribed by the City and with respect to all matters covered by this Agreement. Such records shall be maintained for a period of six (6) years after receipt of final payment under this Agreement.

- e. Consultant will ensure that all costs shall be supported by properly executed payrolls, time records, invoices, contracts, vouchers, or other official documentation evidencing in proper detail the nature and propriety of the charges. All checks, payrolls, invoices, contracts, vouchers, orders, or other accounting documents pertaining in whole or in part to this Agreement shall be clearly identified and readily accessible.
- f. Consultant shall be responsible for furnishing to the City records, data and information as the City may require pertaining to matters covered by this Agreement.
- g. Consultant shall ensure that at any time during normal business hours and as often as the City may deem necessary, there shall be made available to the City for examination, all of its records with respect to all matters covered by this Agreement. Consultant will also permit the City to audit, examine, and make excerpts or transcripts from such records, and to make audits of all contracts, invoices, materials, payrolls, records of personnel, conditions of employment, and other data relating to all matters covered by this Agreement.

4. Consultant Representation and Warranties

Consultant represents and warrants that:

- a. Consultant and all personnel to be provided by it hereunder has sufficient training and experience to perform the duties set forth herein and are in good standing with all applicable licensing requirements.
- b. Consultant and all personnel provided by it hereunder shall perform their respective duties in a professional and diligent manner in the best interests of the City and in accordance with the then current generally accepted standards of the profession for the provisions of services of this type.
- c. Consultant has complied or will comply with all legal requirements applicable to it with respect to this Agreement. Consultant will observe all applicable laws, regulations, ordinances and orders of the United States, State of Minnesota and agencies and political subdivisions thereof.
- d. The execution and delivery of this Agreement and the consummation of the transactions herein contemplated do not and will not conflict with, or constitute a breach of or a default under, any agreement to which the Consultant is a party or by which it is bound, or result in the creation or imposition of any lien, charge

or encumbrance of any nature upon any of the property or assets of the Consultant contrary to the terms of any instrument or agreement.

- e. There is no litigation pending or to the best of the Consultant's knowledge threatened against the Consultant affecting its ability to carry out the terms of this Agreement or to carry out the terms and conditions of any other matter materially affecting the ability of the Consultant to perform its obligations hereunder.
- f. The Consultant will not, without the prior written consent of the City, enter into any agreement or other commitment the performance of which would constitute a breach of any of the terms, conditions, provisions, representations, warranties and/or covenants contained in this Agreement.

5. Agreement Period

The term of this Agreement shall commence on the Effective Date and performance shall be completed by November 1, 2020, unless terminated earlier as provided for herein.

Either party may, by giving written notice, specifying the effective date thereof, terminate this Agreement in whole or in part without cause. In the event of termination, all property and finished or unfinished documents and other writings prepared by Consultant under this Agreement shall become the property of the City and Consultant shall promptly deliver the same to the City. Consultant shall be entitled to compensation for services properly performed by it to the date of termination of this Agreement. In the event of termination due to breach by Consultant, the City shall retain all other remedies available to it, and the City shall be relieved from payment of any fees in respect of the services of Consultant which gave rise to such breach.

6. Independent Contractor

- a. It is agreed that nothing herein contained is intended or should be construed in any manner as creating or establishing the relationship of copartners between the parties hereto or as constituting Consultant as an agent, representative or employee of the City for any purpose or in any manner whatsoever. The parties do not intend to create any third party beneficiary of this Agreement. Consultant and its employees shall not be considered employees of the City, and any and all claims that may or might arise under the Worker's Compensation Act of the State of Minnesota on behalf of Consultant's employees while so engaged, and any and all claims whatsoever on behalf of Consultant's employees arising out of employment shall in no way be the

responsibility of City. Except for compensation provided in Section II of this Agreement, Consultant's employees shall not be entitled to any compensation or rights or benefits of any kind whatsoever from City, including without limitation, tenure rights, medical and hospital care, sick and vacation leave, Worker's Compensation, Unemployment Insurance, disability or severance pay and P.E.R.A. Further, City shall in no way be responsible to defend, indemnify or save harmless Consultant from liability or judgments arising out of intentional or negligent acts or omissions of Consultant or its employees while performing the work specified by this Agreement.

- b. The parties do not intend by this Agreement to create a joint venture or joint enterprise, and expressly waive any right to claim such status in any dispute arising out of this Agreement.
- c. Consultant expressly waives any right to claim any immunity provided for in Minnesota Statutes Chapter 466 or pursuant to the official immunity doctrine.

7. Indemnity

To the extent allowed by law, Consultant shall defend, indemnify and hold City and its employees, officers, and agents harmless from and against any and all cost or expenses, claims or liabilities, including but not limited to, reasonable attorneys' fees and expenses in connection with any claims resulting from the Consultant's a) breach of this agreement or b) its negligence or misconduct or that of its agents or contractors in performing the Services hereunder or c) any claims arising in connection with Consultant's employees or contractors, or d) the use of any materials supplied by the Consultant to the City unless such material was modified by City and such modification is the cause of such claim. This Section shall survive the termination of this Agreement for any reason.

8. Insurance

Consultant shall obtain and maintain for the Term of this Agreement the following minimum amounts of insurance from insurance companies authorized to do business in the State of Minnesota.

- a. Public Liability and Automobile Liability Insurance with limits not less than **\$1,500,000** Single Limit, shall be in a company approved by the city of Duluth; and shall provide for the following: Liability for Premises, Operations, Completed Operations, and Contractual Liability. **City of Duluth shall be named as Additional Insured by endorsement** under the Public Liability and Automobile Liability, or as an alternate, Consultant may provide Owners-Contractors Protective policy, naming himself and City of Duluth. **Upon**

**execution of this Agreement**, Consultant shall provide Certificate of Insurance evidencing such coverage with 30-days' notice of cancellation, non-renewal or material change provisions included.

- b. Professional Liability Insurance in an amount not less than \$1,500,000 Single Limit; provided further that in the event the professional malpractice insurance is in the form of "claims made," insurance, 60 days' notice prior to any cancellation or modification shall be required; and in such event, Consultant agrees to provide the City with either evidence of new insurance coverage conforming to the provisions of this paragraph which will provide unbroken protection to the City, or, in the alternative, to purchase at its cost, extended coverage under the old policy for the period the state of repose runs; the protection to be provided by said "claims made" insurance shall remain in place until the running of the statute of repose for claims related to this Agreement.
- c. Consultant shall also provide evidence of Statutory Minnesota Workers' Compensation Insurance.
- d. A certificate showing continued maintenance of such insurance shall be on file with the City during the term of this Agreement.
- e. The City of Duluth does not represent or guarantee that these types or limits of coverage are adequate to protect the Consultant's interests and liabilities.

9. Notices

Unless otherwise expressly provided herein, any notice or other communication required or given shall be in writing and shall be effective for any purpose if served, with delivery or postage costs prepaid, by nationally recognized commercial overnight delivery service or by registered or certified mail, return receipt requested, to the following addresses:

**City:** City of Duluth  
411 W First Street  
City Hall Ground Floor  
Duluth MN 55802  
Attn: Lisa Luokkala

**Consultant:** Erban Ecosystems  
2500 University Ave W #C8  
Saint Paul, MN 55114

Attn: John Koepke, RLA

10. Civil Rights Assurances

Consultant, as part of the consideration under this Agreement, does hereby covenant and agree that:

- a. No person on the grounds of race, color, creed, religion, national origin, ancestry, age, sex, marital status, status with respect to public assistance, sexual orientation, and/or disability shall be excluded from any participation in, denied any benefits of, or otherwise subjected to discrimination with regard to the work to be done pursuant to this Agreement.
- b. That all activities to be conducted pursuant to this Agreement shall be conducted in accordance with the Minnesota Human Rights Act of 1974, as amended (Chapter 363), Title 7 of the U.S. Code, and any regulations and executive orders which may be affected with regard thereto.

11. Laws, Rules and Regulations

Consultant agrees to observe and comply with all laws, ordinances, rules and regulations of the United States of America, the State of Minnesota and the City with respect to their respective agencies which are applicable to its activities under this Agreement.

12. Applicable Law

This Agreement, together with all of its paragraphs, terms and provisions is made in the State of Minnesota and shall be construed and interpreted in accordance with the laws of the State of Minnesota.

13. Force Majeure

Neither party shall be liable for any failure of or delay in performance of its obligations under his Agreement to the extent such failure or delay is due to circumstances beyond its reasonable control, including, without limitation, acts of God, acts of a public enemy, fires, floods, wars, civil disturbances, sabotage, accidents, insurrections, blockades, embargoes, storms, explosions, labor disputes, acts of any governmental body (whether civil or military, foreign or domestic), failure or delay of third parties or governmental bodies from whom a party is obtaining or must obtain approvals, franchises or permits, or inability to obtain labor, materials, equipment, or transportation. Any such delays shall not be a breach of or failure to perform this Agreement or any part thereof and the date on which the party's obligations hereunder are due to be fulfilled shall be extended for a period equal to the time lost as a result of such delays.

14. Severability

In the event any provision herein shall be deemed invalid or unenforceable, the remaining provision shall continue in full force and effect and shall be binding upon the parties to this Agreement.

15. Entire Agreement

It is understood and agreed that the entire agreement of the parties including all exhibits is contained herein and that this Agreement supersedes all oral agreements and negotiations between the parties relating to the subject matter hereof. Any amendment to this Agreement shall be in writing and shall be executed by the same parties who executed the original agreement or their successors in office.

16. Counterparts

This Agreement may be executed in two or more counterparts, each of which shall be deemed to be an original as against any party whose signature appears thereon, but all of which together shall constitute but one and the same instrument. Signatures to this Agreement transmitted by facsimile, by electronic mail in “portable document format” (“.pdf”), or by any other electronic means which preserves the original graphic and pictorial appearance of the Agreement, shall have the same effect as physical delivery of the paper document bearing the original signature.



IN WITNESS WHEREOF, the parties have hereunto set their hands as of the date of attestation shown below.

**CITY OF DULUTH**

**URBAN ECOSYSTEMS**

By:

By:

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
Company Representative

Attest:

Its:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Title of Representative

Date Attested: \_\_\_\_\_

Date: \_\_\_\_\_

Countersigned:

\_\_\_\_\_  
City Auditor

Approved as to form:


\_\_\_\_\_  
City Attorney



**APPENDIX A - PROPOSAL COVER SHEET  
CITY OF DULUTH  
RFP# 20-99199**

<b>Proposer Information:</b>	
Proposer Name	Urban Ecosystems
Mailing Address	2500 University Ave W. #C8 Saint Paul, MN 55114
Website	www.urbanecosystemsinc.com
Contact Person	Samuel Geer
Contact Person's Phone Number	(612) 520-1176
Contact Person's Facsimile Number	Not Applicable
Contact Person's E-Mail Address	Sam@urbanecosystemsinc.com
Federal ID Number	Sam@urbanecosystemsinc.com

<b>Submittals Enclosed and Separately Sealed:</b>	
<input checked="" type="checkbox"/>	Technical Submittal
<input checked="" type="checkbox"/>	Cost Submittal

<b>Signature</b>	
Signature of an official authorized to bind the Proposer to the provisions contained in the proposal:	
Printed Name	Samuel L. Geer
Title	President / Project Manager

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM MAY RESULT IN THE REJECTION OF THE PROPOSAL**



REQUEST FOR PROPOSALS  
FEBRUARY 13, 2020

# WAABIZHESHIKANA

THE MARTEN TRAIL

URBAN ECOSYSTEMS  
ALTA PLANNING+DESIGN

FOR:  
THE CITY OF DULUTH

SUBMITTED BY



SAINT PAUL, MN  
02.13.2020

FEBRUARY 13, 2020

To: City of Duluth

ATTN: Purchasing Division  
City Hall, Room 120  
411 West First Street  
Duluth, MN 55802

From: John Koepke, RLA  
Principal, Urban Ecosystems  
2500 University Ave W #C8  
Saint Paul, MN 55114  
John@urbanecosystemsinc.com  
651-340-8568

To the staff and officials of the City of Duluth,

Please find attached our proposal for the interpretive plan for Waabizheshikana, the Marten Trail. Urban Ecosystems and Alta Planning + Design (Alta) developed this proposal with the support of the Fond du Lac Band of Lake Superior Chippewa (FDL). The FDL Band want to be the co-author of this interpretive design process with the City of Duluth and are willing to commit their staff and expertise to this effort through collaboration with our team. The process outlined in this proposal will be a framework for elaborating new narratives and interpretive strategies for the trail. Our approach synthesizes best practices for engaging with native peoples and other community groups, emerging trends in interpretive design, and a robust foundation of landscape architecture and trail planning experience.

Attached to this proposal is a letter from Wayne Dupuis, the Natural Resources program manager for the FDL Band. In this letter, Wayne explains that the Fond du Lac Band is interested in collaborating on this interpretive design process in collaboration with the City of Duluth. The following quote from the Reclaiming Native Truth project illustrates why this is critical.

“Until we reclaim the narrative about ourselves, our distinctiveness, our diversity, our sovereignty, and our nationhood, we will continue to be caught in an erasure quagmire that was designed to secure our extinction.”

— Suzan Shown Harjo

Native peoples are largely invisible in the dominant culture and their voices seldom heard. False stereotypes, myths, and media caricatures obscure the living people and their endangered cultural heritage. As part of their plan for the Great Lakes Tribal Cultural Center, The FDL Band has been actively crafting a new narrative in which Anishinaabeg voices can be amplified and the value of native lifeways recognized. The Ojibwe way of knowing is based on attentive engagement with and respect for the spirits of the living world. Cultivating and sharing this knowledge will be critical for humanity as we must evolve our worldview and plan our efforts to face the numerous existential challenges we will face.

The interpretive plan for Waabizheshikana has the potential to be part of a living network of immersive cultural experiences that reveal the importance of the St Louis River estuary as a cultural crossroads, ecological sanctuary, industrial landscape, and sacred ground. It is a chance to tell the stories of the people who have lived here through time and learn how they shaped the environment and were reshaped themselves. This will not be an easy task, but it is one that has deep personal meaning for our team.

I am perhaps the only registered landscape architect in the State of Minnesota that is also a tribal member of Ojibwe Anishinaabe heritage. Over a 40-year landscape architecture career I have successfully worked with Native American tribal communities across the nation to help them express their values in the built environment. Most recently, Urban Ecosystems has been engaged by the Minnesota Department of Transportation to develop the Highway 23 - Mission Creek Cemetery Restoration Plan. The conceptual design phase of the project has gone very well, in large part because of our efforts to continue to engage the tribe and community residents through culturally sensitive communication. Through our work and research, we have built strong trust relationships with many members of Fond du Lac band and conducted deep dives into the local history, ecology, and culture of the St. Louis River estuary. Our experience will be critical in identifying site specific opportunities for interpretation, facilitating community workshops, and building a conceptual framework to communicate Anishinaabeg values through immersive experiences.

Alta recently advised the city in the planning of the Western Waterfront Trail, bringing a detailed understanding of the project area and previous work so that our team can hit the ground running. Alta's internationally recognized trail planning and design work, wayfinding design, local project experience, and track record of implementation provide the technical bedrock for this interpretive design process.

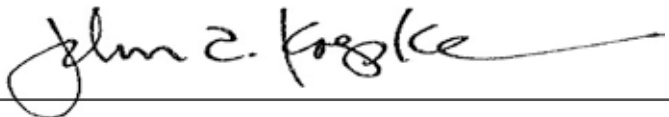
There is so much history in this area that is invisible to unknowing eyes. We have respectfully asked the elders of the community and those dedicated to preserving cultural and historic knowledge to aid us in this process. They will serve as community liaisons for the project, help us identify other community members of note, and help lead the interpretive design process. This group will develop the themes, mediums, and stories to be told along the trail with all of the project stakeholders. We also intend to engage other nearby Anishinaabe bands, such as the Red Cliff, Bad River, Lac Courte Oreilles, Grand Portage, and Bois Forte. Our team understands the importance of respectful outreach and the power of Ojibwe language and arts as interpretive media with the potential to change the collective consciousness of a wider audience.

It is important to note that our project approach will be holistic and considerate of the myriad layers of meaning within the St Louis Estuary. While we will focus much energy on engaging the Anishinaabe cultural history and future, we will also investigate and focus on the unique natural history across scales, the industrial heritage and its economic impact on America, and the notion of a great river that brings all of us together.

Thank you for considering this proposal to serve as your design consultant for this important process. We are uniquely qualified to deliver this project for you and would be honored to help the City of Duluth and the Fond du Lac Nation develop an overlay suite of interpretive strategies for this trail. Our hope is that the Waabizheshikana can be a connective thread, which will connect the people in Duluth with the beauty of the Saint Louis River and help bring understanding of this place through time.

Thank you for the opportunity.

Sincerely,

A handwritten signature in black ink, reading "John C. Koepke", written over a horizontal line.

John (Mitigonaabe) Koepke, Principal





# WAABIZHESHIANA

THE MARTEN TRAIL

## URBAN ECOSYSTEMS

Urban Ecosystems is a Twin Cities based landscape architecture firm focused on infusing cultural values into the design of places and ecological systems. Our firm has been in practice since 2012. UE currently employs five staff members with experience in landscape architecture, architecture, planning, and interpretive design. Urban Ecosystems will act as the project lead for this project.

### CONTACT INFORMATION

Firm Contact: Sam Geer

Address: 2500 University Ave W. #C8 Saint Paul, MN 55114

Phone: (651) 340-8568

Email: Sam@urbanecosystemsinc.com

Website: www.urbanecosystemsinc.com

### SERVICES

- Master Planning
- Site Design
- Ecological Restoration
- Rainwater Design
- Green Roofs
- GIS Mapping and Analysis
- Horticultural Consulting
- Landscape Futurism

### PROJECTS

- Battle Point
- Laurentian Vision
- Mission Creek Cemetery

## ALTA PLANNING + DESIGN

Alta is a planning, landscape architecture, and engineering firm with globally recognized expertise in active transportation. Their mission is to create active healthy communities through community collaboration, thought leadership, and built projects. Alta is headquartered in Portland, and currently employs more than 230 personnel in offices around the country, including Minneapolis. Alta is internationally recognized for its non-motorized trail planning and design. Alta's plans combine innovative ideas with a collaborative process to connect local needs to successful implementation strategies. Alta will be a subconsultant of Urban Ecosystems.

Alta's principal-in-charge will be Steve Durrant, FASLA, an internationally known expert in trails and interpretation, wayfinding and large-scale conservation planning. Steve is a Twin Cities native currently leading Alta's practice in Seattle. Colin Harris, PE, Minneapolis office manager will serve as Alta's project manager.

### CONTACT INFORMATION

Firm Contact: Colin Harris

Address: 2525 Franklin Ave E, #110 Minneapolis, MN 55406

Phone: (612) 400-9970

Email: colinharris@altaplanning.com

Website: www.altaplanning.com

### SERVICES

- Bicycle and Pedestrian Planning and Design
- Rail-with-Trail and Rail-to-Trail design
- Landscape Design and Engineering
- New Mobility
- Complete Streets
- Trails and Greenways
- Wayfinding
- Parks and Open Space
- Bike Share
- Safe Routes to School
- Health and Equity
- Visual Communication Design
- Analytics

### PROJECTS

- Western Waterfront Trail Rail-with-Trail Concepts, Duluth, MN
- Cedar Lake Regional Trail, Minneapolis, MN
- Wirth Park Transit Forum, Minneapolis, MN





## NATIVE SPIRIT

The Earth Mother is the source of all knowledge. In our journey, we must pay attention to all of the things Earth has to teach us. The flow of knowledge and wisdom is endless and each day offers new learning experiences. The profound wisdom of indigenous culture is uniquely tied to environments in which they hunted, gathered, lived, loved, fought, and survived. The plants, the water, and the rocks of any place are the building blocks of a culture that proliferates there. The indigenous peoples of Minnesota hold the true wisdom inherent to this place.

This bond between people and place is profound and central to the work of landscape architecture. We seek to better understand our indigenous landscape and build meaningful connections with all cultures.

In most cases, our native landscape has been developed in a manner that is not unique to this place. Much of the natural features, stories, and resources have been sealed off, erased, or irrevocably changed. To the common eye, our city is like most other American cities, a complex of streets, buildings, and infrastructures. Nonetheless, a spirit exists. You feel it soaking up the mist of Minnehaha Falls. You see it in a swirling eddy of the Mississippi River. You see it in the striations of the exposed bedrock within the river gorge. This place is unique and its story is profound. This story can be retold. This city can engage this spirit.

We seek all opportunities to better connect people and place. This installation is a tremendous opportunity to extend indigenous wisdom and native landscape spirit to all cultures currently residing in Minneapolis.

## AN ECOLOGICAL CROSSROADS

Plantings, gardens, and even lawns are dynamic systems that are highly visible and in the forefront of people's experience of the landscape. For a landscape as idyllic and unique as the Walker Art Center, there is a tremendous opportunity to exercise some ecological thinking. We can establish plant communities that will thrive and positively enhance people's experience of the property. The specific plant and animal species that exist in these areas are highly dependent on the site context, but are largely determined by the level of moisture that is present in the soil. These plants are further taxed in urban areas by factors like pollution, invasive species, and human disturbance. In this context, we need plant communities that can continue to provide quality habitat for wildlife, while still appealing to people's perception of the landscape.

## COMMUNITY PERCEPTION

Humans have a desire for beauty and visual interest in vegetation. Our experience suggests that in order to make wild vegetation acceptable to the average person, it must be designed and managed to be visually dramatic at some point in its annual growth cycle. Simply put; if it



## JOHN KOEPKE

PRINCIPAL, URBAN ECOSYSTEMS  
ASLA, RLA

John Koepke is our Principal Landscape Architect and will serve as the active lead on this project. He is a Professor of Landscape Architecture in the College of Design at the University of Minnesota and the Department's former chair. He has over 40 years professional experience in urban design, the planning and design of education centers, zoological gardens, interpretative centers for Native American sites, and community design workshops. His research interest focuses on culture and ecology in Native American communities. He currently oversees the Urban Ecosystems design studio, creating dramatic drawings and visual communications. In 2018 John was named a Fellow of the Council of Educators in Landscape Architecture. John and Steve Durrant of Alta have a long history of working together and their friendship is the basis for this collaboration.

Phone: (651) 340 - 8568  
Email: [John@urbanecosystemsinc.com](mailto:John@urbanecosystemsinc.com)



## STEVEN DURRANT

VICE PRESIDENT, FASLA  
ALTA PLANNING + DESIGN

Steven Durrant is a principal and the senior landscape architect at Alta Planning + Design in Seattle, Washington. He is a registered landscape architect and planner with over 30 years experience helping communities become better places to live. His career has focused on urban non-motorized transportation, urban trails, waterfront redevelopment, open space planning, community revitalization, greenways and long range planning. His recent work in Seattle, Portland, Minneapolis, St. Louis and other cities includes regional open space systems, non-motorized transportation corridors, light rail and streetcar transit, urban waterfront redevelopment and bicycle transportation programs and facilities. Steve was named a Fellow of the American Society of Landscape Architects in 2015 and is a member of the board of directors of the League of American Bicyclists.

Phone: (206) 735 - 7466  
Email: [steven.durrant@altaplanning.com](mailto:steven.durrant@altaplanning.com)





## SAM GEER

PROJECT MANAGER, URBAN ECOSYSTEMS  
MLA, MURP, LEED AP

Sam is a design professional and projective thinker dedicated to building urban landscapes that can meet the evolving needs of cities and ecosystems. His knowledge of emerging technologies within stormwater design and geospatial mapping and analysis provide a foundation for our practice. As Director of Operations, Sam coordinates our strategic planning efforts, project delivery, and landscape performance modeling. As President of Urban Ecosystems, Sam will serve as the principle project manager for this project, being the primary point of contact and will be responsible for administration and the delivery of the design products.

Phone: (612) 520 - 1176  
Email: Sam@urbanecosystemsinc.com



## COLIN HARRIS

SENIOR ENGINEERING ASSOCIATE  
ALTA PLANNING + DESIGN

Colin is a civil engineer and leader of Alta's Minneapolis-St. Paul office. From high-level concepts to specific technical solutions, Colin has extensive experience developing safety improvements in a variety of contexts including school zones, urban arterials, and roadways in small towns. Colin brings deep technical knowledge of design best practice as a professional engineer, but has also worked to support innovation for bicycling and walking in the region as a local advocate. In 2009, Colin co-founded the Minneapolis Bicycle Coalition (now Our Streets Minneapolis) and started the city's first Open Streets initiative. The initiative now has eight routes per year and is co-sponsored by the City of Minneapolis.

Phone: (206) 735 - 7466  
Email: colin.harris@altaplanning.com



## RYAN HERM

PRINCIPAL, ASLA, PLA  
URBAN ECOSYSTEMS

Ryan is a registered landscape architect with a passion for modernism and bold design. He has designed and managed projects ranging from rooftop gardens to 600 acre corporate campuses. At Urban Ecosystems, Ryan leads the process of developing elegant design solutions to complex projects. His knowledge of detailing, materials, and construction methods allow him to tackle design projects at any scale.

Phone: (651) 340 - 8568  
Email: [Ryan@urbanecosystemsinc.com](mailto:Ryan@urbanecosystemsinc.com)



## KRISTEN O'TOOLE

SENIOR PLANNER, AICP  
ALTA PLANNING + DESIGN

Kristen has led and co-led several projects across the Midwest. She has worked with nearly fifty communities to achieve active transportation focused goals. Kristen is well-versed in a variety of project types including master plans, counts collection and analysis, and education and encouragement campaigns. Building upon the lessons learned while she was a US Department of State Fulbright grant recipient in Denmark, Kristen dedicates her work to creating active communities that meet citizens' needs. Kristen leverages her planning experience and local understanding to efficiently respond to community and client needs.

Phone: (206) 735 - 7466  
Email: [kristen.otoole@altaplanning.com](mailto:kristen.otoole@altaplanning.com)

## COLLABORATION

Urban Ecosystems will serve as design lead and fiscal agent on the project, handle project administration, and coordinate the creation of the deliverables. Alta will serve as a technical consultant who will provide guidance, spatial analytics, graphic design support, detailed design assistance and best practice identification for interpretive trail design, wayfinding and interpretive sign fabrication. Our team includes two local experts who will support this process. They will be subcontractors of Urban Ecosystems and will have specific responsibilities related to their professional experience as detailed below.

Wayne Dupuis from FDL band has contacted us with a request to consider the FDL nation as a co-author on the project, willing to independently align its staff and resources to assist our project team and City of Duluth with the process. Urban Ecosystems has no current or past contractual relationship with the FDL nation.

## SUBCONSULTANTS

SARAH AGATON-HOWES  
TRIBAL ARTS SPECIALIST

Organization: Heart Berry  
mail: sarahagatonhowes@gmail.com

Sarah Agaton Howes is an Anishinaabe artist, designer, teacher, and community organizer from Fond du Lac Reservation in Minnesota. She is widely known for her cultural art classes connecting community through art. Sarah is an Inspired Natives collaborator and owner of Heart Berry. Her public art works include the Ordean Building windows, Jay Cooke Park signage, St Louis River Estuary wild rice signage, Fond du Lac Cultural Center sign, and many other projects. Sarah collaborates with architecture firms, tribes, and organizations across the region to tell Ojibwe stories in contemporary ways.

CHRISTINE CARLSON  
HISTORIAN / JOURNALIST

Email: history48@frontiernet.net

Christine Carlson is a journalist and historian originally from Fond du Lac who has dedicated her life to recording the history and personal stories of residents of Duluth and the Fond du Lac reservation. She currently works as a reporter for Nahgahchiwanong Dibahjimowinnan, (Stories from Fond du Lac) and has extensive knowledge of the UMD archives and local primary sources.



The RFP calls for the creation of a “River Heritage Interpretive Plan” for Waabizheshikana, the Marten Trail. This will be a cultural overlay plan that builds on the planned alignment of the trail and elaborates themes and stories that connect and celebrate the history and identity of the different trail segments. This project is an opportunity to craft a set of interpretive experiences along the length of the St. Louis River that express the unique features of the region. This interpretation must transcend stereotypical native iconography and be operative in helping people navigate their environment and cultivate a new awareness of the natural and cultural history of the landscape. The stakeholder engagement process will follow the methodology described by GLIFWC in Dibaginjigaadeg Anishinaabe Ezhitwaad: A Tribal Adaptation Menu. This process considers the Ojibwe values of observation, deliberation, recognition, and adaptation to be central to any legitimate planning process regardless of stakeholder ethnicity. We intend to build on the planning completed thus far by identifying which access points will see the most use and what significant places exist along each segment of the trail to be focal points for interpretation. To accomplish this, we have divided the project into five tasks, each with one or more subtasks. These are consistent with the detailed hourly breakdown enclosed in the cost submittal.

The five tasks are Project Management, Mapping, and Analysis, Interpretive Design Process, Community Engagement, and Interpretive Plan.

PROJECT MANAGEMENT will encompass the time spent communicating and facilitating meetings with the staff. We anticipate that there will be bi-weekly check in calls with key project personnel as well as six in-person meetings that the Urban Ecosystems leadership will facilitate to present our findings and seek approval from the agencies and organizations listed in the RFP. This task also includes planning and facilitating the proposed two day site tour. All the proposed meetings are detailed in section 9 below.

MAPPING AND ANALYSIS will involve conducting a thorough review of the existing planning work that has been completed. We will then update GIS data to assist with our analysis of the interface between the trail and its urban fabric as well as opportunities to incorporate ecological restoration and immersion experiences. We will support this data with site data gathered on the ground while walking the landscape with community stakeholders.

The INTERPRETIVE DESIGN PROCESS will involve developing potential themes, focal points, and strategies for interpretation along the trail. The first subtask is focused on the pre-work that will need to happen to frame a constructive ideation charette with the Fond du Lac arts community. We will then host a day long Ojibwe Art & Language Charette with this group to elaborate specific themes, signage, placemaking strategies, color palettes and other potential design elements.

COMMUNITY ENGAGEMENT will involve presenting potential themes and concepts to share with stakeholders. We then plan to host five stakeholder workshops in geographic locations and neighborhoods along the entire length of the trail where we can present localized iterations of these themes to different stakeholder groups. These workshops will likely be hosted in community centers or other affordable public venues. The last subtask of this process will be to host a public open house where we can present the plan to the public when it is near to its final state. We will reach out and engage (at minimum) the following groups:

- Fond du Lac Band of Lake Superior Chippewa
- Agency Partners such as EPA, MPCA and Minnesota DNR
- Neighborhood Community Clubs
- Lake Superior Mississippi Railroad Nonprofit
- Environmental and Restoration groups
- Land and water management entities
- Historic preservation groups
- Park and Recreation Commission
- Indigenous Commission
- Public Arts Commission
- District representatives – City Council, County, State

The INTERPRETIVE PLAN will be developed first in draft form. It will be presented internally within the project team and then to the different stakeholder groups before it will be refined and presented to the general public at the open house. Following the open house, we will be able to incorporate the public comments provided and finalize the report for final presentation.

The core deliverable of this process will be a report that has all of the necessary contents outlined in the RFP. We also have some additional supplemental services that we have elaborated below which can be entered into at the request of the City of Duluth.



What follows is a description of the proposed meetings and community events that we will hold. We will utilize a combination of personal outreach to key stakeholders along combined with public messaging and press releases utilizing the communications apparatus of the Fond du Lac Band and the City of Duluth.

#### BI- WEEKLY MEETINGS

We anticipate bi-weekly meetings with the project team, these will be call in meetings to keep everyone informed through regular project updates.

#### IN PERSON MEETINGS

We anticipate that these meetings will be the principal place where we will address technical issues with the other members of the project leadership team. We anticipate that these meetings will be held at Duluth City Hall and will occur approximately once a month.

#### STAKEHOLDER WORKSHOPS

As stated earlier, the Stakeholder meetings will be held in the various neighborhoods along the trail. We will present interpretive concepts that illustrate how the interpretive elements we are proposing will fit within the existing urban context, and what areas need to be

#### OJIBWE ART & LANGUAGE CHARETTE

This design charette will likely be held at the Cloquet Tribal Center. It will be an approximately four hour long event. The goal will be to convene active artists from the FDL Band and other local residents with an interest in arts and culture to help us elaborate the messages and meanings to be included in these interpretive structures.

#### PUBLIC OPEN HOUSE

The public open house will be the culminating event of the process in which we will be able to present the results of our efforts to the public. There will likely not be a formal presentation, but rather an open format to allow visitors to wander in and out over a period of time. This event will ideally be held at a central public venue in Duluth. We will print boards and present the recommendations developed through the interpretive design process.

Urban Ecosystems can provide food and refreshments to visitors at the stakeholder workshops, public open house, and the Ojibwe Art & Language charette.



Our goal is to deliver this project in a methodical manner, with ample time given for community members to review our work and provide feedback. We would anticipate having a contract in place at some point in March, in which we use the remaining time before spring thaw to reach out to community stakeholders, review in detail previous work, and refine and communicate our expected timeline to everyone involved. The spring months of April and May will then be an ideal time to begin the on-site investigation and analysis phase of the project and conduct the necessary internal planning for the planned stakeholder workshops and events.

In June - July we would conduct the site tour with the project team and conduct the stakeholder workshops and the Ojibwe art + language charette. The month of August would likely be dedicated to reviewing the findings and assembling the first draft of the Interpretive Plan. We plan on presenting it to the project stakeholders for early feedback before sharing it more widely in September and hosting a public open house for comment. This will allow us to share a nearly finalized plan with the public for comment before dedicating the remaining time in September and October to finalize the plan, cost estimates and project implementation strategies.



## TIMELINE

### MARCH 15TH - APRIL 15TH

- Project Kickoff
- Schedule Refinement
- Plan Review
- Stakeholder Outreach

### APRIL 16TH - MAY 30TH

- GIS Mapping and Analysis
- Site Investigation
- Interpretive Design Process

### JUNE 1ST - JULY 31ST

- Site Tour
- Stakeholder workshops
- Ojibwe Art + Language Charette

### AUGUST 1ST - SEPTEMBER 15TH

- Draft Interpretive Plan
- Stakeholder Comment Period
- Public Open House

### SEPTEMBER 16TH - OCTOBER 20TH

- Final Interpretive Plan
- Presentation to Project Team and Agency Staff

### OCTOBER 20TH - NOVEMBER 1ST

- Finalize Cost Estimation and Project Implementation Strategies
- Project Closeout

## SUPPLEMENTAL SERVICES

All services that are not explicitly identified within the proposal shall be considered supplemental services that will be undertaken if requested in writing by the client representative. In this event, Urban Ecosystems will prepare an updated scope of work for the client for their signature approval.

What follows are some of the additional services we can provide:

- PROJECT WEBSITE / STORY MAPS
- INTERACTIVE DESIGN DEVELOPMENT
- AUDIO RECORDINGS OF TRIBAL ELDERS AND NOTEWORTHY COMMUNITY MEMBERS

## EXHIBITS

### **A. Detailed Hourly Breakdown & Fee Schedule**

Our detailed hourly breakdown and fee schedule are included in the sealed Cost Submittal that accompanies this proposal.

### **B. Completed Byrd Anti-Lobbying Amendment Certification**

Urban Ecosystems does not engage in political or lobbying activities

### **C. Selected works of Urban Ecosystems and Alta Planning + Design**





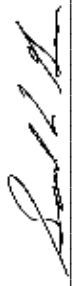
**BYRD ANTI-LOBBYING AMENDMENT CERTIFICATION**  
(To be submitted with each bid or offer exceeding \$100,000)

The undersigned, Urban Ecosystems certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, Urban Ecosystems, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 *et seq.*, apply to this certification and disclosure, if any.



Signature of Contractor's Authorized Official

**Samuel L. Geer, President / Project Manager**  
Name and Title of Contractor's Authorized Official

2/9/2020

Date

URBAN ECOSYSTEMS  
LANDSCAPE ARCHITECTS

+



WORKS





# MISSION CREEK CEMETERY RESTORATION

FOND DU LAC, MN

## URBAN ECOSYSTEMS

Urban Ecosystems was contracted by MnDOT at the request of the Fond Du Lac Band of Ojibwe to conduct a restoration design process for the recently disturbed burial site along highway 23. The project is currently in design development after a successful community engagement and conceptual design process. This project requires a native cultural understanding paired with the technical skills of a landscape architect.

There are other layers of historic and cultural meaning embedded in the landscape that must be recognized on an equal footing with the modern property law, rights-of-way, and biophysical context. This landscape is imbued with cultural meaning that transcends the legal boundaries of the site.

We are honored to assist MnDOT and the Fond du Lac community with this project and will be responsive advocates for the tribe, their band, and their culture while displaying a sensitivity to the spatial relationships of the existing and future infrastructure surrounding the site. Our mission is to serve as a synthesizing force, to help understand and articulate a graceful path forward.



MISSION CREEK  
CEMETERY RESTORATION





community engagement session



community engagement session



community engagement session



# MISSION CREEK CEMETERY RESTORATION

FOND DU LAC, MN

## URBAN ECOSYSTEMS

Using the tribe/community engagement and inventory/analysis as a guide, we explored the design potential for the site through a variety of lenses. We conducted an area study to map out the functional relationships between the historic cemetery and the larger landscape. The design will focus on the restoration of the cemetery and will also show areas of connection and context as we unfold the site's story. Multiple design iterations were studied with the project team, and three will be presented using 3D imagery, illustrative plans and sections, and any other design tools that our team deems appropriate.

While working on this cemetery restoration, our team took careful steps throughout the design process to engage the Fond du Lac tribe, as well as experts in archaeology and local history. For this project to be successful, we sought buy-in from all of the appropriate entities of the Fond du Lac tribe and the Fond du Lac community. For that reason, we engaged the tribe throughout the project to help collaborate in design decisions. It is our responsibility to make sure that we understand what is important to the tribe and the surrounding community so that our design appropriately reflects those values. This involves, most importantly, a great amount of listening throughout the design process. We also understand that this engagement will need adaptability throughout the design process.

Portage Trail



# LAURENTIAN VISION

MESABI IRON RANGE, MN

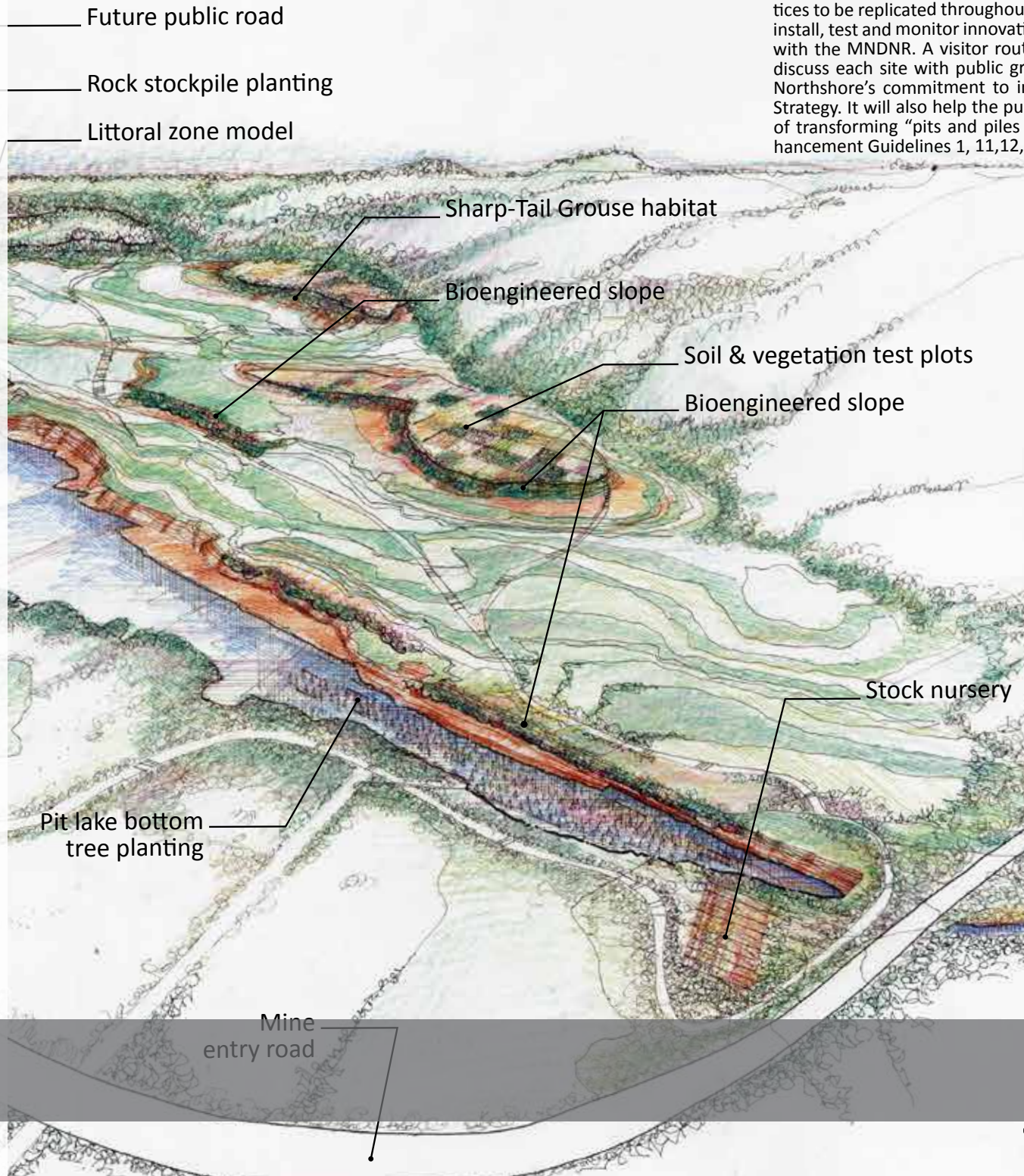
## URBAN ECOSYSTEMS

The Laurentian Vision Partnership (LVP) based on the Mesabi Iron Range in northern Minnesota, is a voluntary effort that promotes and advances ideas for rebuilding local landscapes, creating working relationships among stakeholders, and active participation by communities in directing their future. Fifteen years after it's beginning, the LVP continues to facilitate dialogue among interests, provide funding for reclamation projects, and identify regional issues for resolution discussion.

Based on our experiences conducting design workshops (charrettes in 2001, 2003, and 2007), developing and conducting an introductory course on land design for mining engineers and Minnesota Department of Natural Resources, Lands and Minerals Division staff (MNDNR) (2009), working on restoration demonstration projects (3) and mine master planning (North Shore 2013-2014) it is clear that Range mining engineers were/are interested in ways to better shape and plant mine features for future community use, habitat and visual quality as long as they are feasible given the State reclamation standards. Ultimately, we developed graphic training manuals for mine engineers and equipment operators and a reclamation plan for the Peter Mitchell Pit Mine.

- Reclamation and shaping concepts we have discussed and developed with mining engineers or are in the process of applying on mine features or mine sites, and
- Ideas for the state's reclamation standards that may meet its applicable research criteria that can be applied and tested in the field.

LAURENTIAN VISION  
PARTNERSHIP



**The Living Lab (2020).** The east an exciting demonstration site fo tices to be replicated throughout install, test and monitor innovati with the MNDNR. A visitor rout discuss each site with public gro Northshore's commitment to in Strategy. It will also help the pub of transforming "pits and piles" hancement Guidelines 1, 11,12,





# PETER MITCHELL LANDSCAPE FRAMEWORK PLAN

MESABI IRON RANGE, MN

## URBAN ECOSYSTEMS

The Peter Mitchell Landscape Framework Plan pioneers a master strategy for reclamation of taconite mines on the Mesabi Iron Range. It prescribes a sixty-year approach to rebuilding an 11-mile mine into future upland, shoreline and aquatic habitat, in response to state guidelines for mitigation of impacts to local watersheds. The Framework advances landscape architecture thinking and practice in long-term planning and large-scale design of altered landscapes. It inspired precedent-setting interdisciplinary collaboration, client action planning, and installation of practical tools for in field mine operators. Land forming of phase one is underway.

The Framework lays out a 60-year strategy for the repair and rehabilitation of an 11-mile mine into a functioning landscape. It presents a systematic approach to reclamation during mining and once mining is completed, including installation of innovative practices throughout the mine. The Framework is a 'living guide' for ongoing repair and reclamation that mine engineers can use to make day-to-day reclamation design decisions that respond to production planning and environmental conditions. Four major goals include:

- reconnect to perimeter woodlands via seeding or planting of both native and adaptive species
- invest in rebuilding soil
- construct connected target species corridors
- concentrate effort in 'rehabilitation zones'

THE PETER MITCHELL  
LANDSCAPE FRAMEWORK PLAN



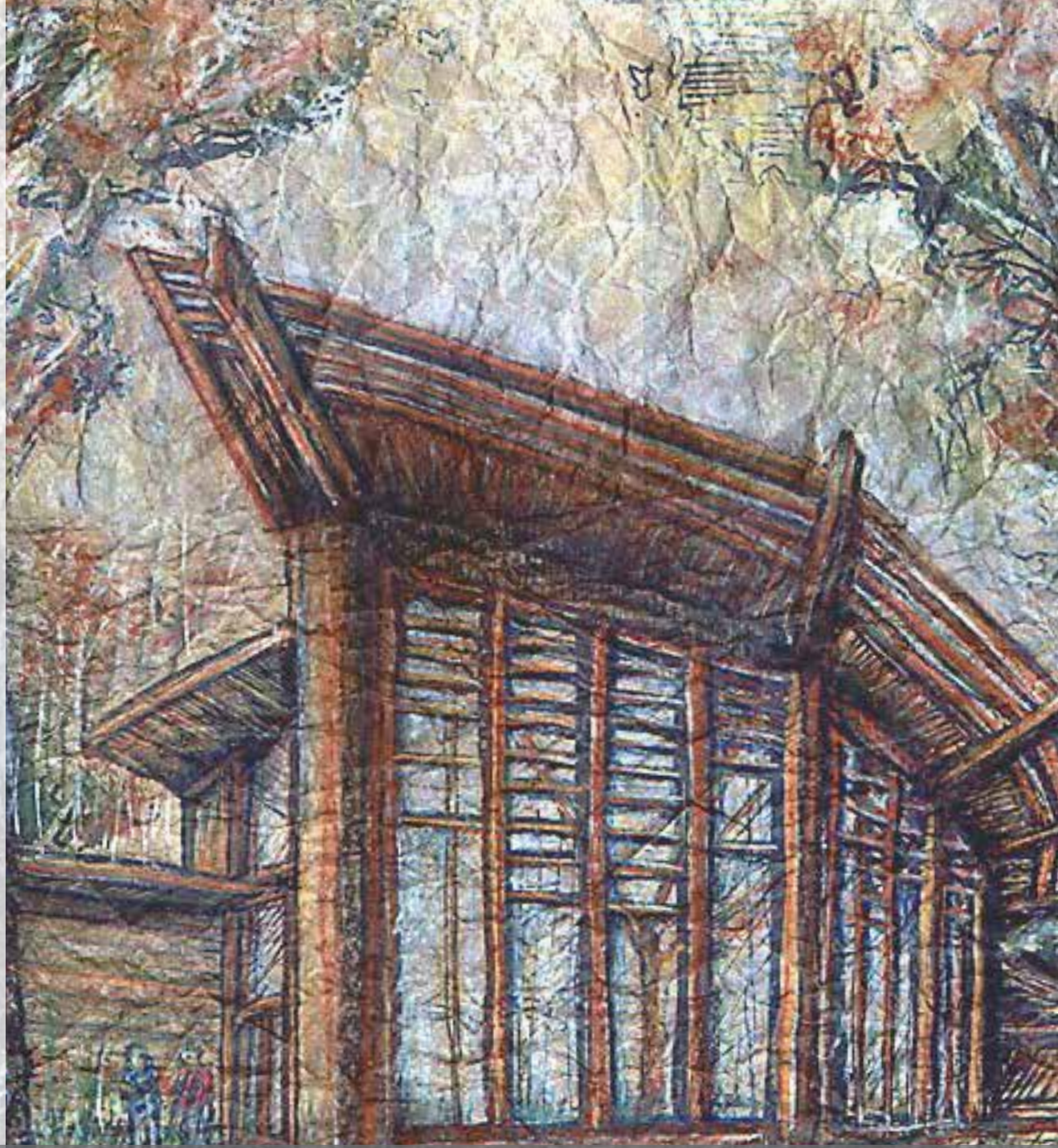
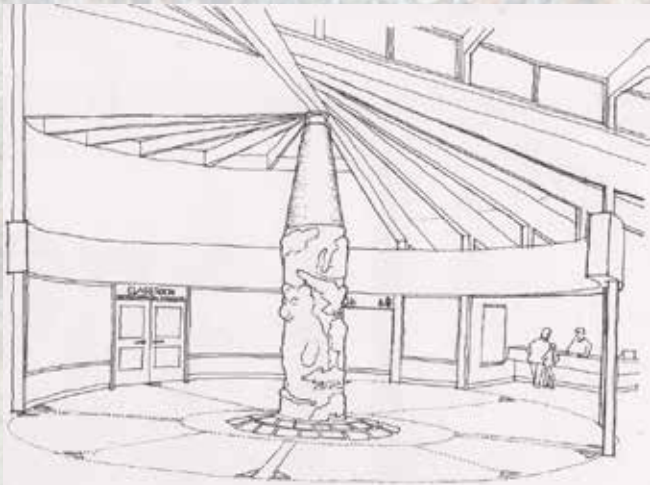
# BATTLE POINT HISTORIC SITE

LEECH LAKE, MN

## URBAN ECOSYSTEMS

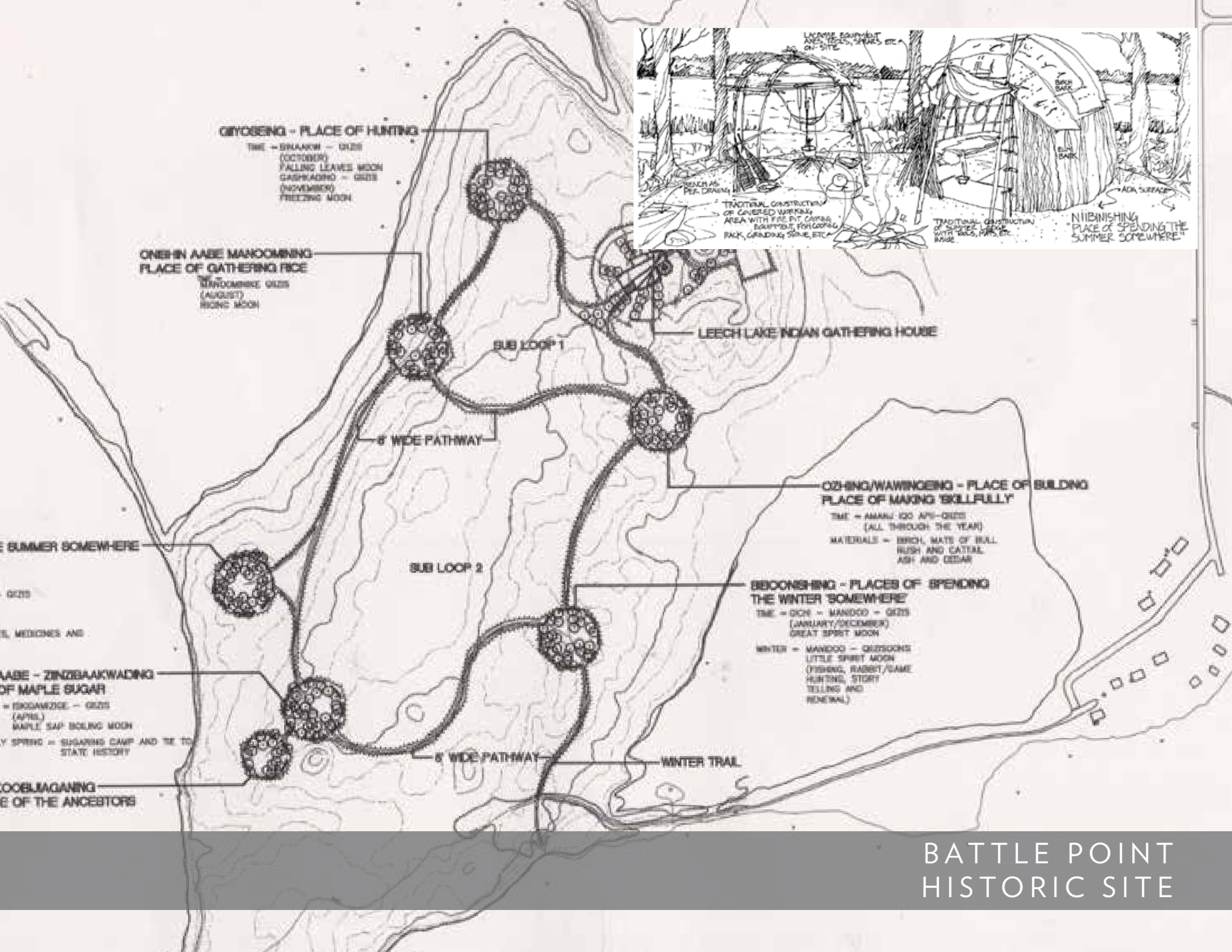
The Battle Point Historic Site was developed as a 13,000 square foot education center to teach traditional culture and ways of making to both native and non-native peoples.

A series of outdoor classrooms and interpretive exhibits were designed to illustrate Anishinaabe culture in expressive and interactive methods.



BATTLE POINT  
HISTORIC SITE





**GIYOSING - PLACE OF HUNTING**

TIME - SIYAKON - OZIS  
(OCTOBER)  
FALLING LEAVES MOON  
GASHIADHO - OZIS  
(NOVEMBER)  
FREEZING MOON

**ONE-IN ANBE MANOOMING  
PLACE OF GATHERING RICE**

WANDOMIKE OZIS  
(AUGUST)  
RISING MOON

SUB LOOP 1

**LEECH LAKE INDIAN GATHERING HOUSE**

6' WIDE PATHWAY

**OS-ING/WAWINGENO - PLACE OF BUILDING  
PLACE OF MAKING 'BELLFULLY'**

TIME - AMARU IGO APY-OZIS  
(ALL THROUGH THE YEAR)  
MATERIALS - BIRCH, MATS OF BULL  
RUSH AND CATTLE  
ASH AND CEDAR

SUB LOOP 2

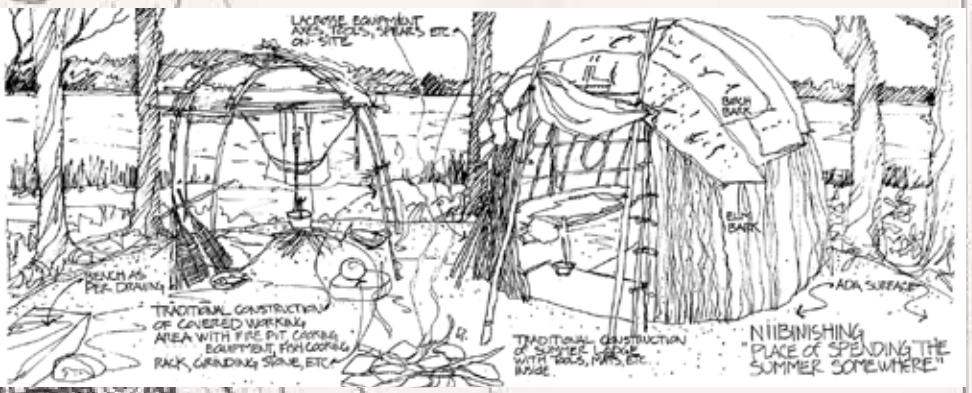
**BECOMSHING - PLACES OF SPENDING  
THE WINTER 'SOMEWHERE'**

TIME - OCH - MANDOO - OZIS  
(JANUARY/DECEMBER)  
GREAT SPIRIT MOON

WINTER - MANDOO - OUTDOORS  
LITTLE SPIRIT MOON  
(FISHING, RABBIT/GAME  
HUNTING, STORY  
TELLING AND  
GENERAL)

6' WIDE PATHWAY

WINTER TRAIL



E SUMMER 'SOMEWHERE'

OZIS

IL, MEDICINES AND

**ABE - ZINZBAKWADING  
OF MAPLE SUGAR**

WANDOMIKE OZIS  
(APRIL)  
MAPLE SAP BOILING MOON

Y SPRING - SUGARING CAMP AND TRAIL TO  
STATE HISTORY

**OCBELJAGANING  
OF THE ANCESTORS**

BATTLE POINT  
HISTORIC SITE



# CEDAR LAKE REGIONAL TRAIL

MINNEAPOLIS, MN

## ALTA PLANNING + DESIGN

Steve Durrant was the Project Manager for developing the conceptual design for the Cedar Lake Regional Trail and phase one construction documentation and administration, while working for a previous firm. The trail threads its way through a nature preserve, active rail line, and the congested heart of Minneapolis' warehouse district, connecting the Grand Rounds parkway system. It won awards from the Federal Highway Administration, the American Society of Landscape Architects, and the Center for Urban Environment for its contribution to the urban environment and progressive rail trail solutions. The Cedar Lake Regional Trail has become a key component of the regional non-motorized transportation network. While at Alta, Steve has actively participated in numerous plan updates and efforts to provide safe and convenient transitions between the trail and future light rail infrastructure in the corridor.

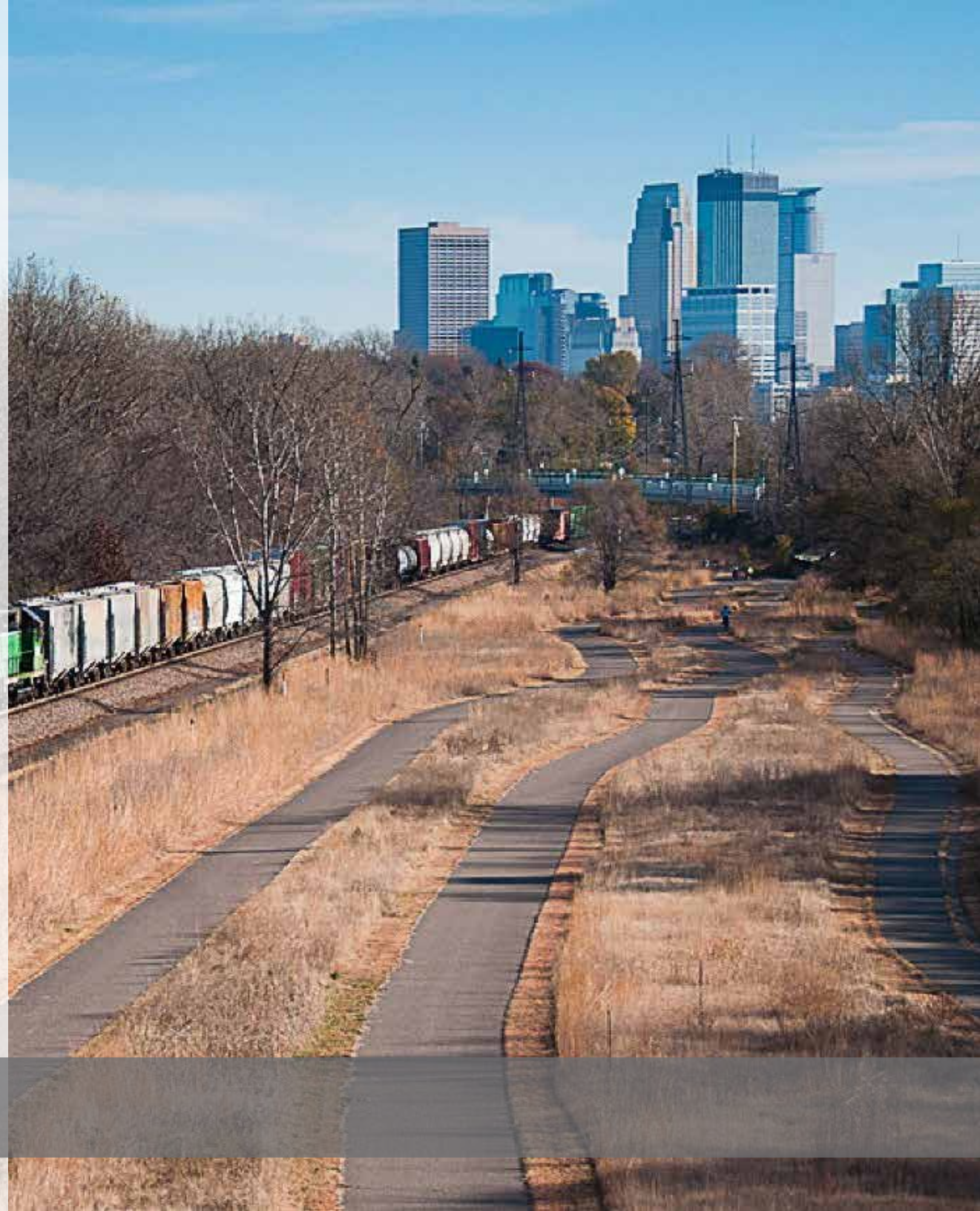
Client: Minneapolis Park and Recreation Board

Year: 1993-1995 (Phase One Construction)

Consultant Contract Amount: \$500,000

Project Construction Cost: \$2,500,000 (Phase One)

Awards: Federal Highway Administration (FHWA), American Society of Landscape Architects (ASLA), Center for Urban Environment (CUE)



# CEDAR LAKE REGIONAL TRAIL





# MNDOT SAFE ROUTES TO SCHOOL DEMONSTRATION STATEWIDE

ALTA PLANNING + DESIGN

Alta worked with MnDOT to pilot the use of demonstration projects in communities across Minnesota to raise awareness for walking and biking as convenient and comfortable modes of transportation, evaluate project impacts, and build support for long-term infrastructure improvements. Additionally, the demonstration projects supported the recommendations in SRTS plans, as well as other opportunities to enhance existing infrastructure to create safer, more vibrant, healthy, and attractive communities.

Alta coordinated the implementation of short-term demonstration projects using the pilot kit. The projects engaged the public as part of developing implementable solutions for comfortable and convenient biking and/or walking facilities. The projects incorporated temporary engineering strategies to bring the visions to life via the pilot demonstration projects.

Date: 2018-2019

Client: MnDOT

Contact: Dave Cowan, Safe Routes to School Coordinator, (651) 296-3000 extension 5, [dave.cowan@state.mn.us](mailto:dave.cowan@state.mn.us)

Alta Contract Amount: \$95,063

## DEMONSTRATION PROJECT IMPLEMENTATION GUIDE

A Resource for the Development of Short Term, Low Cost, Temporary Roadway Projects to Promote and Advance Walking and Bicycling



**mn** DEPARTMENT OF TRANSPORTATION

# MNDOT SAFE ROUTES TO SCHOOL DEMONSTRATION PROJECTS

# THUNDER BAY PEDESTRIAN WAYFINDING DESIGN STANDARDS

THUNDER BAY, ON

## ALTA PLANNING + DESIGN

Alta was the prime for the development of a Pedestrian Wayfinding Strategy for the City; a plan to reflect the City's diverse cultural and ethnic community and to enhance the existing wayfinding systems. The Wayfinding Plan recommends strategies to improve the current experience for residents and visitors alike, including a comprehensive wayfinding sign family, maps, sign placement guidance, and visual design standards. These wayfinding strategies will act as a promotional tool for the City of Thunder Bay, and aim to enhance the community by encouraging physical activity, strengthening active links, and to better connect newcomers to their surroundings. In particular, the pedestrian and bicycle wayfinding system is intended to support increased use of Thunder Bay Transit, improving access to and from the five major transfer points in the City. The development of this Wayfinding Standard also included extensive public engagement and outreach to indigenous communities so that the wayfinding system can better reflect the local population.

The Plan included an assessment of equipment, signage options, and costs for pedestrian level wayfinding on public streets and trails. Aspects such as branding, visual attractiveness, user-friendliness, unique identity, consistency, ease of maintenance and repair, as well as cost considerations were considered as part of the work. Alta worked with local First Nations artists and Council to develop symbolic imagery for the wayfinding system that represents the community of Thunder Bay. The project involved an extensive public consultation process. Pop-ups events were held at coffee shops in the morning and the mall on a Friday night to help bring the consultation process out to the community. Online components as well as presentations to community groups and local First Nation Councils were key elements of the engagement strategy.

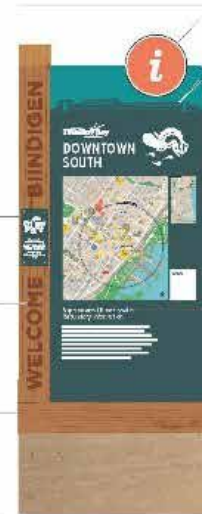
### Enhanced Navigational Elements • Off Street Signage



**Pattern:** Soft Curves  
**Materials:** Stone, Wood, Painted Metal  
**Colour Palette Inspiration:** Warm earth, blue skies, rivers, streams and mountains



Interpretive panel for side of wooden post shown above at 1:5 scale.  
Words of welcome printed (semi-adequate stained or charred wood effect) on side of post.



Map Kiosk

7" Metal plate fixed to sign face.  
Original Sleeping Giant artwork printed on sign face.  
Maps or website panels shall be placed between 1800mm - 500mm from ground, typ.



Sides

Meta sign panel and base



Simplified Kiosk



Side

# WAABIZHESHIKANA, THE MARTEN TRAIL

RFP NUMBER 20-99199  
URBAN ECOSYSTEMS/ALTA

Task	Description	Personnel	Hours	Rate	Total
<b>Task 1 - Project Management</b>					
<b>Project Management</b>	<b>Coordination and Documentation</b>				
		<b>Urban Ecosystems</b>			
		Design Lead	4	\$200.00	\$800.00
		Project Manager	48	\$110.00	\$5,280.00
		<b>Alta</b>			
		Principal	4	\$218.00	\$872.00
		Senior Engineer	24	\$148.00	\$3,552.00
<b>Site Tour</b>	<b>2 day Site Tour</b>				
		<b>Urban Ecosystems</b>			
		Design Lead	16	\$200.00	\$3,200.00
		Project Manager	24	\$110.00	\$2,640.00
		<b>Alta</b>			
		Planner	16	\$106.00	\$1,696.00
		Senior Engineer	16	\$148.00	\$2,368.00
		<b>Subcontractor</b>			
		Historian	16	\$50.00	\$800.00
<b>Project Management Subtotal</b>			<b>168</b>		<b>\$21,208.00</b>

<b>Task 2 - Mapping and Analysis</b>					
<b>Plan Review</b>	<b>Previous Planning Review</b>				
		<b>Urban Ecosystems</b>			
		Design Lead	4	\$200.00	\$800.00
		Project Manager	12	\$110.00	\$1,320.00
		<b>Alta</b>			
		Principal	2	\$218.00	\$436.00
		Planner	12	\$106.00	\$1,272.00
<b>GIS Mapping &amp; Analysis</b>	<b>Illustrative Maps and Graphics</b>				
		<b>Urban Ecosystems</b>			
		Project Manager	20	\$110.00	\$2,200.00
		<b>Alta</b>			
		Planner	40	\$106.00	\$4,240.00
<b>Site Investigation</b>	<b>Site Exploration</b>				
		<b>Urban Ecosystems</b>			
		Design Lead	8	\$200.00	\$1,600.00
		Project Manager	24	\$110.00	\$2,640.00
		<b>Alta</b>			
		Senior Engineer	12	\$148.00	\$1,776.00
		<b>Subcontractor</b>			
		Historian	20	\$50.00	\$1,000.00
<b>Mapping &amp; Analysis Subtotal</b>			<b>154</b>		<b>\$17,284.00</b>

<b>Task 3 - Interpretive Design Process</b>					
<b>Interpretive Design Process</b>					
		<b>Urban Ecosystems</b>			

		Design Lead	16	\$200.00	\$3,200.00
		Project Manager	24	\$110.00	\$2,640.00
		Senior Engineer	12	\$148.00	\$1,776.00
<b>Ojibwe Art &amp; Language Charette</b>	<b>Themes, Media, and Stories</b>				
		<b>Urban Ecosystems</b>			
		Design Lead	16	\$200.00	\$3,200.00
		Project Manager	40	\$110.00	\$4,400.00
		<b>Alta</b>			
		Senior Engineer	12	\$148.00	\$1,776.00
		<b>Subcontractor</b>			
		Historian	16	\$50.00	\$800.00
<b>Ojibwe Tribal Artist Honorarium (Lump Sum)</b>		Tribal Art Specialist	1	\$3,000.00	\$3,000.00
<b>Interpretive Design Sub-Total</b>			<b>137</b>		<b>\$17,792.00</b>

<b>Task 4 - Community Engagement</b>					
<b>Stakeholder Workshops</b>					
		<b>Urban Ecosystems</b>			
		Design Lead	16	\$200.00	\$3,200.00
		Project Manager	48	\$110.00	\$5,280.00
		<b>Alta</b>			
		Principal	8	\$218.00	\$1,744.00
		Planner	8	\$106.00	\$848.00
<b>Public Open House</b>					
		<b>Urban Ecosystems</b>			
		Design Lead	8	\$200.00	\$1,600.00
		Project Manager	12	\$110.00	\$1,320.00
		<b>Alta</b>			
		Senior Engineer	8	\$148.00	\$1,184.00
		<b>Subcontractor</b>			
		Historian	4	\$50.00	\$200.00
<b>Community Engagement Sub-Total</b>			<b>112</b>		<b>\$15,376.00</b>

<b>Task 5 - Interpretive Plan</b>					
<b>Draft Plan</b>					
		<b>Urban Ecosystems</b>			
		Design Lead	6	\$200.00	\$1,200.00
		Project Manager	30	\$110.00	\$3,300.00
		Project Designer	30	\$100.00	\$3,000.00
		<b>Alta</b>			
		Principal	6	\$218.00	\$1,308.00
		Planner	20	\$106.00	\$2,120.00
		Senior Engineer	6	\$148.00	\$888.00
<b>Final Plan</b>					
		<b>Urban Ecosystems</b>			
		Design Lead	3	\$200.00	\$600.00
		Project Manager	20	\$110.00	\$2,200.00
		Project Designer	20	\$100.00	\$2,000.00
		<b>Alta</b>			
		Principal	3	\$218.00	\$654.00
		Planner	16	\$106.00	\$1,696.00



		Senior Engineer	8	\$148.00	\$1,184.00
<b>Draft and Final Plan Sub-Total</b>			<b>168</b>		<b>\$20,150.00</b>

REIMBURSIBLE EXPENSES	Description	Quantity	Unit	Unit Cost	Total	
Estimated Mileage	Estimate ~ 6 Trips	2,100	Miles	\$0.58	\$1,218.00	
Estimated Airfare	Estimate ~ 1 Trip	1	Trip	\$400.00	\$400.00	
Estimated Lodging	Estimate ~ 6 Rooms	6	Nights	\$100.00	\$600.00	
Estimated Travel Meals	Estimate ~72 Meals	72	Meals	\$10.00	\$720.00	
<b>Estimated Event Costs</b>						
Ojibwe Art & Design Charette			1	Event	\$500.00	\$500.00
Stakeholder Event	Estimate ~ 5 Events		5	Event	\$300.00	\$1,500.00
Public Open House			1	Events	\$1,500.00	\$1,500.00
Print Materials (Boards and Handouts)				\$1,000.00	\$1,000.00	
<b>Total Estimated Reimbursible Expenses</b>					<b>\$7,438.00</b>	

Project Budget					\$99,248.00
Fee Schedule					
Design Lead				\$200.00	
Project Manager				\$110.00	
Project Designer				\$100.00	
Principal				\$218.00	
Senior Engineer				\$148.00	
Planner				\$106.00	
Tribal Art Specialist (Lump Sum)				\$3,000.00	
Historian				\$50.00	