
NORTH SHORE MANAGEMENT BOARD

Wednesday, February 15th, 2023 6:00 PM

Zoom

Agenda

- I. **Welcome and Introductions**
 - a. **Welcome**
 - b. **Approval of February 15th, 2023 Agenda**

- II. **Committee Business**
 - a. **Approval of the October 3rd, 2022 Meeting Minutes**
 - b. **Resolution: ARDC staffing invoice from October 1st, 2022 to December 31st, 2022.**
 - c. **Vice Chair Election**

- III. **Erosion Hazard Zone Layer Project-*Special Guest Senior GIS Specialist Charlie Moore to present on data followed by discussion and input for next steps.***

- IV. **Short Term Rentals- *Brief Discussion***

- V. **Other Business**
 - a. **Gitchi-Gami Trail Association Update**
 - b. **North Shore Scenic Drive Council Update**
 - c. **Other Updates as Identified**

- VI. **Upcoming NSMB Meeting Time and Location/ discussion on zoom format**

- VII. **Adjourn**

North Shore Management Board

Monday, October 3rd, 2022-6:00 PM

Tettegouche/Zoom

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Board Members			
Attendee	Representing	Absentees	Representing
Chuck Voss	Silver Creek Township	Patrick Boyle	St. Louis County
Robert Svaleson	Cook County	Wade LeBlanc	City of Silver Bay
Tracy Benson	Grand Marais	Rich Sve	Lake County
Tim Anderson	City of Beaver Bay	Penelope Morton	Duluth Township
Margaret Watkins	Grand Portage	Derek Passe	City of Two Harbors
Technical Advisors			
Tim Nelson	Cook County		
Staff			
Justin Otsea	ARDC		

I. Welcome and Introductions

- a. The meeting was called to order at 6:01 PM by Chair Chuck Voss.
- b. **Motion to approve the agenda** was made by Svaleson/Anderson; passed unanimously.

II. Committee Business

- a. **Motion to approve July 6th, 2022 minutes** by Voss / Svaleson; passed unanimously.
- b. **Motion to approve Resolution for ARDC Staffing invoice from July 1st, 2022 to September 30th, 2022** by Svaleson/Voss; passed unanimously.
- c. **Motion to approve invoicing member entities** by Voss/Svaleson; passed unanimously.
- d. **Elections: Motion to appoint Chuck Voss to Chair Tim Anderson / Svaleson passed unanimously**
 - a. After discussion, no one volunteered for the Vice Chair position. It was decided the topic would be tabled until the next meeting.

IV. Erosion Hazard Zone Layer Project-Otsea updated the Board that ARDC Staff met with UMD and the TAC to discuss next steps on separate occasions in June. Unfortunately, UMD was not able to complete the DSAS analysis prior to students leaving for summer break. The project remains on schedule however, as we were seemingly ahead of schedule with the amount of digitized shorelines.

In the interim, the TAC discussed and recommended ARDC staff reaching out to NSMB Member Boards and Councils in the coming months to provide a brief informational presentation to the group and prepare them for future discussions around analysis results and potential impacts to NSMB minimum standards moving ahead. There was also brief discussion around reassembling the CEHM group, but we'll be holding off until initial analysis results are available. The NSMB approved of these next steps by consent.

V. 2023 North Shore Management Plan Update- Justin outlined a project proposal for after the CEHM update project, updating the NSMB Plan which was last adopted in 2016. Justin noted the grant deadline for a coastal program grant has been set for November 16 2022, with an anticipated start date of September 2023, shortly after the completion of the CEHM project. Justin outlined the proposal which included potential topics and a scope of work the NSMB Plan update. Potential topics included: Minimum standards specifically around the erosion hazard zone, potentially developing draft model ordinance language, considerations of changing the boundary to the buffer instead of the 40-acre subdivision line, among others.

Motion to submit grant application for annual grant using local funds for FY 2024 by Svaleson/Voss; passed unanimously.

VI. Short Term Rental- Justin referenced the google drive link he created to store all local short term rental ordinances as a resource for the NSMB. Its been placed below:

https://drive.google.com/drive/folders/1PPs4zqn_5L3W1Bo1LYT6YeMQoGGcZjw?usp=sharing

A brief update was provided by other members. Summarized as follows:

Cook County- Tim mentioned they had just had their last advisory committee of Assessor study that the net impact of the vacation rentals has decreased by 1 in 2019-22. They Found that there's more of an impact on folks purchasing rentals as second homes then short term rentals re housing stock numbers. The group discussed caps and limits instead went with a trigger number. Existing is 358 total, and if we hit additional 10% of that. (393) and also a time limit or January 1st 2024 just to trigger the discussions again.

County will participate more in enforcement and hadn't spent a lot of time on that initially, but going to take on more from a county level. Increasing fees as well and will help ensure that pure potable water is available in all rentals, along with other recommendations from Planning Commission.

Discussing with Commission on 10/11 and expects to have new ordinance on January 1st and a new agreement with Host Compliance to help with enforcement and collection. City of Grand Marais is going to be able to utilize a public dashboard that may be more helpful for vacation rental enforcement in Grand Marais.

Beaver Bay-Tim outlined it's an Upcoming agenda item, allowing interim use in the commercial zone or allowing unlimited (as right now they could not do any in commercial). An ordinance would not include resorts, but considerations for limiting in residential area. Right now 20% is the cap they are considering where it starts changing the neighborhood (city is currently at the cap north of 61).

Two Harbors- Justin noted they were underway with renewals with the recently passed ordinance that placed a cap of 4% of the housing stock as well as requiring a license from the County among other requirements.

Grand Marais-Tracy mentioned they had participated in the process with Cook County and will work with the County on enforcement of existing program through Host Compliance agreement.

VII. Other Business

Gitchi-Gami Trail Association Update-*Provided by Executive Director Michelle Pierson*

- MnDNR – Ribbon cutting for new breakwater/Water access in Grand Marais on September 15th at 2pm ****SEND OUT**
 - -MnDOT – Public Meeting to be held at the Two Harbors High School for the thru Two Harbors project on 9-27, 5-7pm, presentation at 5:30pm
 - -TH Trees & Trails reiterate that the northeastern tunnel of 2 in TH project alignment would focus on bikes/peds. The City has a contract with an engineer to study. No funding source determined to construct the tunnel. Discussion if IRRRB could be a good funding source? Transportation Alternatives? Would be a city project.
 - -At grade crossing of the trail across Hwy 61 continues to receive good feedback. DOT intends to reinstall each year while the materials hold up. A pavement project is in the CHIP for 2032 which could help determine permanent solutions for this crossing.
 - Good trail use numbers on Grand Marais – Cut Face segment. Discussion about user conflicts, and educating bikers to give audible “on your lefts” or bike bell dings to walkers.
 - -MnDNR is going to present at the Lutsen Township Board Meeting on Tuesday September 20th about the upcoming Lutsen extension of the trail to Arrowhead Electric.
 - -Two Harbors to Flood Bay segment has \$300,000 awarded. Still hoping a special session may be held this fall to address bonding. Navigating the wetland will have a significant expense.
 - -DNR is evaluating the Grand Marais to Cut Face segment for some erosion issues which has led to gravel and fines washing onto the trail following rain events.
- **North Shore Scenic Drive Council Update**- Justin provided a brief update from the NSSDC including: Unfortunately, didn't receive funding for the History Hikes initiative through the Historical Society, a potential Recreational Planning Workshop and a Master Plan for the Superior Hiking Trail.

- **Others:** Chuck Voss mentioned brought in coastal land owner training he had a positive experience at in the past. He noted that Wisconsin Sea Grant had developed a 'living on the coast' guide that he found extremely helpful as a coastal landowner. Justin was asked to send it out to the group if possible. [Here is a link where the guide can be found:](#)

IV. Next meeting and in person discussion-The next meeting of the North Shore Management Board would be scheduled for 6:00 p.m. on a date to be determined by doodle poll, likely in January, held hybrid at Tettegouche or potentially Zoom.

V. **Adjourn**-There being no additional business, **a motion to adjourn was made by Anderson/Voss; passed unanimously and the meeting was adjourned.**

ATTEST:

Chuck Voss, Chair

Justin Otsea, Recording Secretary

INVOICE #5563
Element #170028-02

To: North Shore Management Board
221 W. First Street
Duluth, MN 55802

Date: December 31, 2022

For: Staffing Services from October 1, 2022 to December 31, 2022

Installment 2 of 4

Total Amount Due: \$3,625.00

Please make checks payable to: Arrowhead Regional Development Commission
221 West First Street
Duluth, MN 55802

(Please reference the Invoice #5563)

Project Updates:

- * Prepare materials in advance of Quarter 2 Meeting
- * Develop and Submit NSMB Plan Update Grant Application
- * Review of Variance, Conditional Use, and Interim Use Applications as necessary developed multiple comment letters this quarter.

Contract Details to date:

Contracted Amount:	AR #	Date	\$ 14,500.00
Element: 170028-01	5435	9.30.22	\$ 3,625.00
Element: 170028-02	5563	12.31.22	\$ 3,625.00
Element: 170028-03		3.30.23	
Element: 170028-04		6.30.23	
Remaining on Contract			\$ 7,250.00

Thank you. Any questions please contact Barb Peterson - bpeterson@ardc.org or 218.529.7541



North Shore Management Board

Resolution

Authorizing payment to the Arrowhead Regional Development Commission for Staffing services from October 1st, 2022 through December 31st, 2022

WHEREAS, North Shore Management Board is an authorized Joint Powers Board between the zoning authorities on Minnesota's North Shore of Lake Superior; and

WHEREAS, the Arrowhead Regional Development Commission (ARDC) is the fiscal agent for the North Shore Management Board; and

WHEREAS, the NSMB has contracted with ARDC for staffing services from July 1, 2022 to June 30, 2023; and

WHEREAS, ARDC has provided those services to the North Shore Management Board;

THEREFORE BE IT RESOLVED, the North Shore Management Board authorizes the payment to the Arrowhead Regional Development Commission in the amount of \$3,625.00 for staffing services for the invoice period of *October 1st, 2022 through December 31st, 2022*.

ATTEST:

NSMB Officer

2/15/22

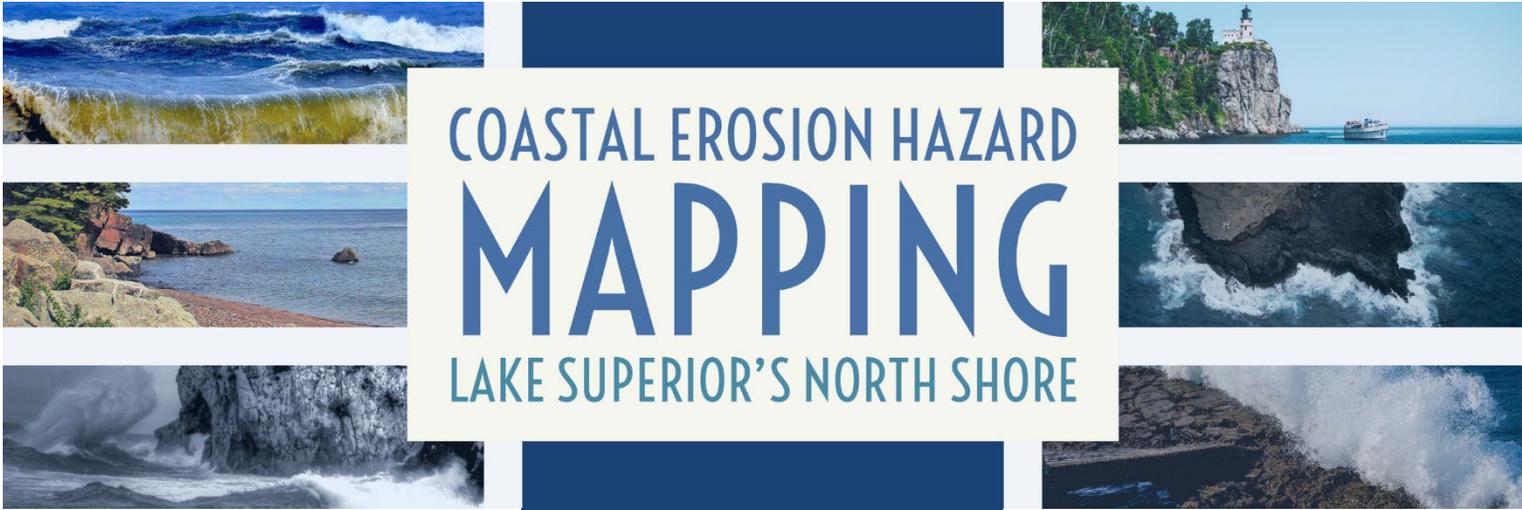
Date

Recording Secretary

2/15/22

Date





COASTAL EROSION HAZARD MAPPING LAKE SUPERIOR'S NORTH SHORE

Project Outcomes

- Develop a tool that can be used to identify the suitability for development
- Create a resource for property owners living along the coast
- Provide recommendations for property owners regarding conservation concerns/hazard erosion areas

Why map erosion?

- Although data for Lake Superior's coastal region does exist, current mapping efforts do not directly address coastal erosion along the dynamic North Shore.
- Past efforts to map erosion on the North Shore occurred 30 years ago, rendering them outdated considering increased water levels and storm cycles – it's time for an update!

Who will benefit?

Property owners, public officials, local decision makers, realtors, developers, and researchers will all benefit from this mapping tool.

The main goal of the Coastal Erosion Hazard Mapping (CEHM) Task Force is to develop a web-based mapping tool that can be used to confidently identify areas along Lake Superior's North Shore that are susceptible to high rates of erosion.

[ARDC.ORG/CEHM](https://www.ardc.org/cehm)

Erosion Facts

- Shoreline erosion affects landowner property values and structures, yet also impacts water quality and the habitat for critical species.
- At an average increase of 2 degrees per decade, Lake Superior's rising water temperatures are leading to more storm events causing erosion which put a stress on community infrastructure, economy, and resiliency.
- The Great Lakes Coastal Flood Study conducted by FEMA from 2018 found that Lake Superior's water levels are increasing which leads to increased wave action causing erosion on the North Shore.

Who is involved?

Partners involved with this project include:

- North Shore Management Board
- Lake and Cook County's Soil and Water Conservation Districts & GIS
- Arrowhead Regional Development Commission
- University of Minnesota Duluth
- Minnesota's Lake Superior Coastal Program

PROJECT IMPLEMENTATION

Phase 1

- Gather available data
- Process, clip, and manage all data for coastal area
- Identify data gaps
- Share data between partners

Deliverables:

Mapping application showcasing data related to erosion

Funding Amount: \$34,500

IWIP - \$34,500

Completion:

2019

Phase 2

- Strategies and methodologies defined
- Identify pilot areas
- Run GIS analysis for identified pilot areas
- Review findings and identify process and project along North Shore

Deliverables:

Pilot study results
Methodology and plan for the completion of the entire North Shore

Funding Amount: \$129,890

MNDNR Coastal Program Grant - \$64,945
In-kind partner match - \$64,945

Completion:

2021

Phase 3

- Use methodology developed in Phase 2 to run analysis for North Shore
- Determine symbology
- Coordinate with partners

Deliverables:

Completed Erosion Recession Analysis for the North Shore

Funding Amount: \$94,400

MNDNR Coastal Program Grant - \$47,200

IWIP - \$33,200

In-kind partner match - \$14,000

Expected Completion:

2023

Phase 4

- Incorporate data into NSMB Plan
- Inform stakeholders and landowners about the project
- Develop a tool for landowners living on the coast
- Continued outreach

Deliverables:

Updated NSMB Plan & Model Ordinance Language

Tool for landowners to be more informed

More informed landowners

Funding:

MNDNR Coastal Grant (unsecured)

Potential Completion:

2024