



**US Army Corps
of Engineers**®
Detroit District

HARBOR INFRASTRUCTURE INVENTORIES La Pointe Harbor, Wisconsin



Harbor Location: La Pointe Harbor is located on Madeline Island across from Bayfield, WI; approximately 85 miles east of Duluth, MN.

Authority: River & Harbor Act of 1960.

Project Description: La Pointe Harbor is a shallow draft recreational harbor with Federal breakwaters that are approximately 200 feet long with 200 feet of maintained Federal channel.

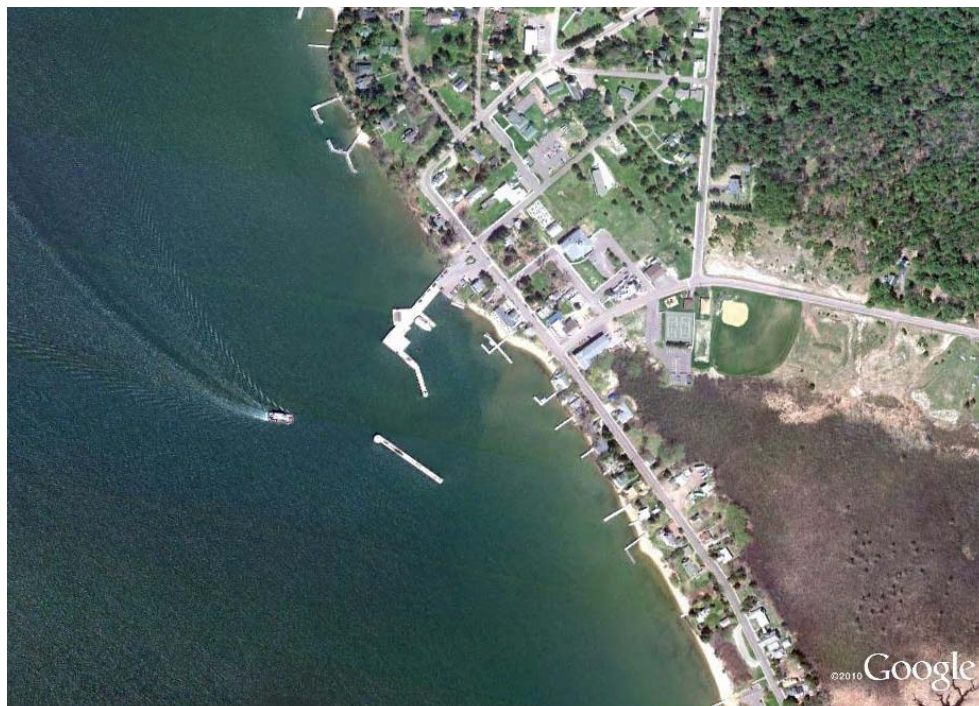
Traffic: No commerce reported

Transportation Importance: This project serves as an important ferry hub, carrying commuters in the local community daily between Bayfield and La Pointe and provides all the essential services to the town. It is also as a Harbor of Refuge, supports charter fishing and recreational navigation interests. The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.

Congressional Interest:

- Representative Sean Duffy R-WI-7
- Senator Ron Johnson R-WI
- Senator Tammy Baldwin D-WI

Current Condition Assessment: **B**



Date of Site Visit: 28 October 2010

Summary of Impact: Prevailing waves come from the south-southwest direction. Waves overtopping the breakwater could run into the harbor and have an immediate impact on the Madeline Island Ferry Dock and numerous commercial properties located along the shoreline. The wave activity associated with the overtopping could cause dangerous currents for the Madeline Island Ferry and recreational vessels moored at the dock. Presently, the dock is sufficiently protected, but could be exposed to greater wave heights under the right conditions. In both cases, an increased wave climate would likely result in damage to docked vessels and the dock itself. In the event the structures are damaged and/or destroyed during a storm event, the Madeline Island Ferry Dock and its operations as well as several commercial entities located in the harbor could be impacted.

Examples of Protected Infrastructure:



- 1. Madeline Island Ferry Line:** The ferry provides passenger, bicycle and car transportation between the towns of La Pointe and Bayfield. The 25-minute trip provides spectacular views of Lake Superior and several of the 22 Apostle Islands.

Potential Impact Area: The following graphic displays property parcels that could be impacted within various zones defined by different setbacks from the shoreline behind existing Federal coastal structures. Values are based on real property tax assessments from these parcels, and don't reflect any detailed coastal zone damage assessments. Figures simply reflect property values at various setbacks.

