



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

HARBOR INFRASTRUCTURE INVENTORIES Grand Marais Harbor, Michigan



Harbor Location: Grand Marais Harbor is located on the south shore of Lake Superior, 93 miles west of Sault Ste. Marie, MI.

Authority: River & Harbor Acts of 14 Jun 1880, 17 May 1950.

Project Description: Grand Marais Harbor is a deep draft harbor that serves primarily recreational vehicles. That has approximately 4,000 feet of piers, a 5,770 feet long pile dike currently in ruins, and approximately 3,000 feet of maintained Federal channel. The local community has constructed a new approximately 1,500 ft structure from the east federal pier to the shore. This is not a federally maintained structure.

Traffic: No commerce reported

Transportation Importance: This project serves as an important Harbor of Refuge and supports charter fishing and recreational navigation interests, and is very scenic and serves as a cruise vessel port on Lake Superior. 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 Dan Benishek R-MI-1
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

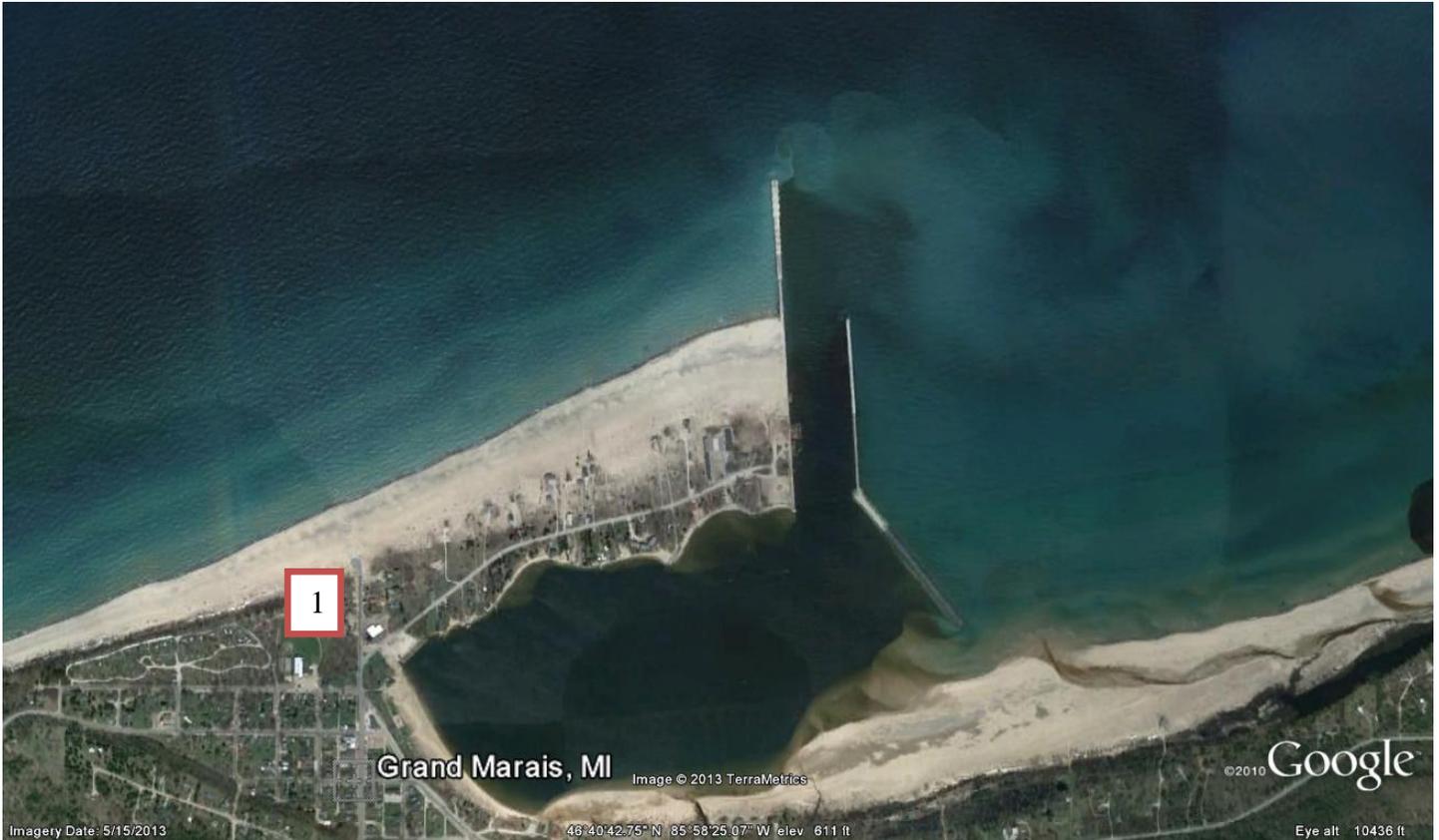
Current Condition Assessment: **B**



Date of Site Visit: 7 August 2013

Summary of Impact: Waves overtopping the breakwaters could propagate into the harbor. The wave activity associated with the overtopping could cause dangerous currents for boat launching at the MDNRE site, damage vessels moored at the marina and affect the Auxiliary U.S Coast Guard operations. Presently, the marina is sufficiently protected, but could be exposed to greater wave heights under the right conditions. In both cases, an increased wave climate could result in damage to docked vessels and the docks themselves. In the event the structures are damaged and/or destroyed during a storm event, the MDNRE Marina and the city beach areas would likely be impacted.

Examples of Protected Infrastructure:



1. Grand Marais-Burt Township Marina: Facility is open from 01 May to 15 October. Amenities include: a boat launch, transient dockage, gasoline and diesel fuel, electrical outlets, water hook-ups, and a pump-out station. The daily dockage fee is \$5.



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.

