



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

HARBOR INFRASTRUCTURE INVENTORIES Grand Traverse Bay Harbor, Michigan



Harbor Location: Grand Traverse Bay Harbor is located on the south shore of Lake Superior at the mouth of the Traverse River on the eastern shore of Keweenaw Bay, about 20 miles northeast of the Portage Entry to the Keweenaw Waterway.

Authority: River & Harbor Acts of 1945.

Project Description: Grand Traverse Bay Harbor is a shallow draft recreational harbor with more than 1,250 feet of maintained piers and over 500 feet of maintained Federal channel.

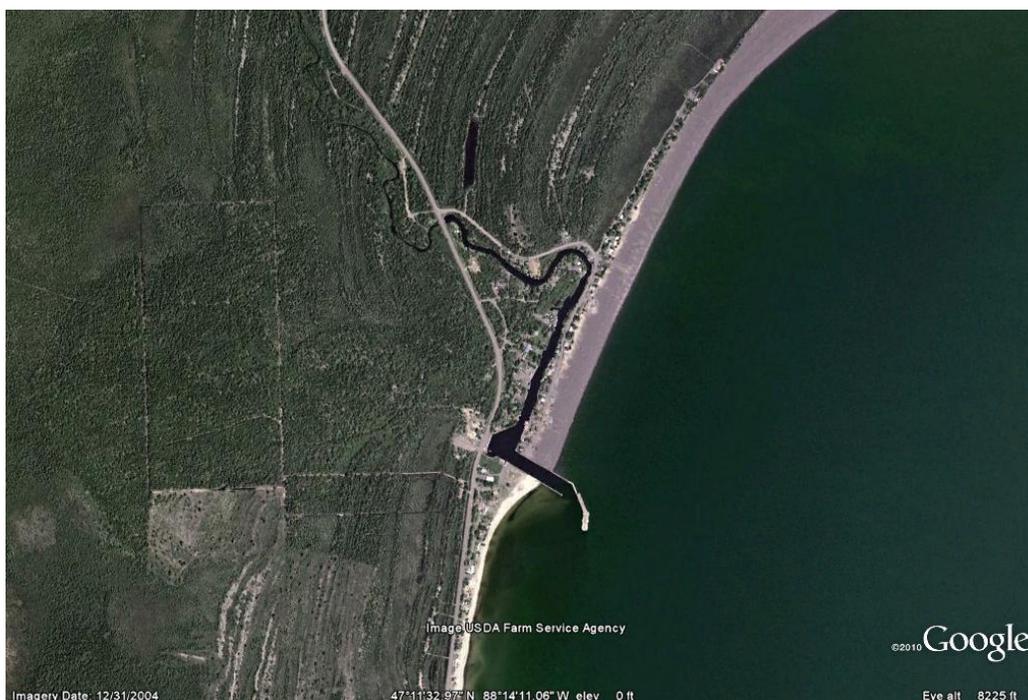
Traffic: No commerce reported.

Transportation Importance: This project serves as an important Harbor of Refuge and supports charter fishing and recreational navigation interests. The local community has an established 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

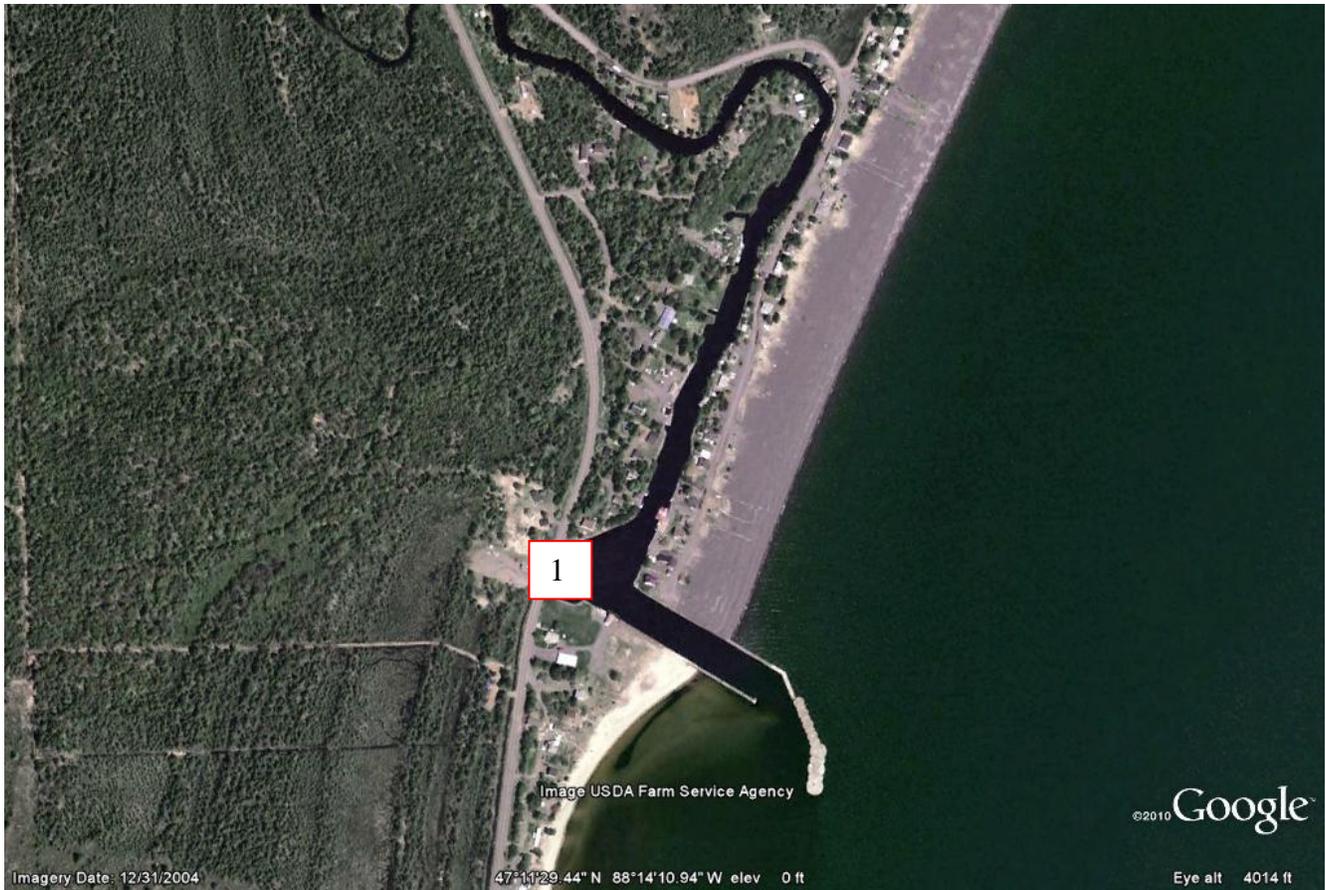
Current Condition Assessment: **B/C**



Date of Site Visit: 11 September 2013

Summary of Impact: Predominant wave direction is from the south-southeast direction. Waves overtopping the breakwater would be transmitted up the channel. However, no significant commercial properties would be impacted.

Examples of Protected Infrastructure:



1. Big Traverse Road adjacent to the mouth of Grand Traverse Harbor.



Potential Impact Area: The following graphic displays a parcel that could be impacted from the shoreline behind the existing Federal coastal structures. NOTE: The federal steel revetment does not provide protection to shore side infrastructure, because of its placement within the harbor.

