



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

HARBOR INFRASTRUCTURE INVENTORIES Hammond Bay Harbor, Michigan



Harbor Location: Hammond Bay Harbor is located on the western shore of Lake Huron, about 30 miles southeast of the Straits of Mackinac.

Authority: River & Harbor Acts of 2 Mar 1945, 17 Aug 1967.

Project Description: Hammond Bay Harbor is a shallow draft recreational harbor with more than 1,900 feet of breakwaters.

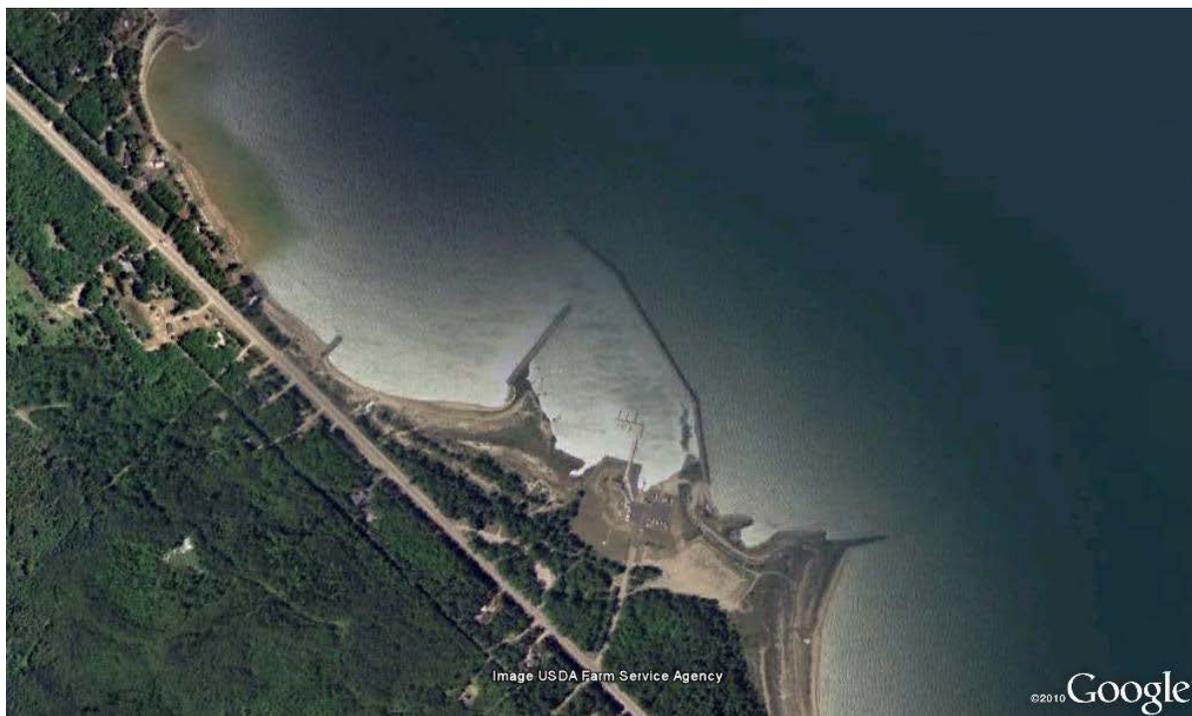
Traffic: No commerce reported

Transportation Importance: This project serves as an important harbor of refuge and supports a variety of commercial, tribal and recreational fishing interests. The Michigan DNR has established a significant infrastructure around the harbor facilities that generate 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: 16 August 2013

Summary of Impact: Prevailing waves come from the north. Overtopping waves could have an immediate impact on the marina facilities located inside the breakwaters. Any significant wave activity within the harbor could damage vessels moored at the marinas. Presently, the State marina and boat launch within the harbor appear to be 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. Other businesses subject to inundation are the U.S. Fish & Wildlife (USFWS) Sea lamprey studies and a few fishing related businesses. In the event the structures are damaged and/or destroyed during a storm event, no commercial properties within the zone of influence of the Hammond Bay Harbor would be impacted. The shoreline to both the east and west of the harbor is comprised mainly of undeveloped shoreline and private residences.

Examples of Protected Infrastructure:



1. Hammond Bay State Harbor: The harbor is open for the boating season which extends from May 15 to Labor Day. It consists of stationary docks with 12 transient slips and employs 3 workers. The marina is open daily from 7 am to 7 pm. Daily dockage rates range from \$24 to \$100. Amenities at the marina include water, electricity, restrooms, showers, gasoline, diesel, pump out, ice, boat launch, picnic tables, and grills.



2. U.S. Fish and Wildlife Service: The USFWS in conjunction with the Great Lakes Fishery Commission operates out of the harbor focusing on controlling the sea lamprey population in the Great Lakes. Samples obtained from local fisherman are collected and studied at the Hammond Bay Biological Station in Millersburg, Michigan.



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.

