



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

HARBOR INFRASTRUCTURE INVENTORIES

Portage Lake Harbor, Michigan



Harbor Location: Portage Lake Harbor is located on the east shore of Lake Michigan, 146 miles northeast of Chicago, IL and 14 miles south of Ludington, MI.

Authority: River & Harbor Act of 3 Mar 1879.

Project Description: Portage Lake Harbor is a recreational harbor with more than 4,400 feet of maintained piers and revetments, and it has over 2,000 feet of maintained federal channel between Lake Michigan and Portage Lake.

Traffic: Commerce not reported.

Transportation Importance: This project serves as an important Harbor of Refuge and 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, and includes approximately 230 recreational boat slips.

Congressional Interest:

- Representative Dan Benishek R-MI-1
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

Current Condition Assessment: **D**



Date of Site Visit: 30 August 2010

Summary of Impact: If the federal structure were to have a failure or breach, the most significant impact would be to the houses directly adjacent to the federal structure. A failure to one of the structures could cause unstable foundations for any of the houses. Other impacts would be if there were an increase in wave action, the private docks and boats could suffer damage as well as increased erosion along the shore of Portage Lake.

Examples of Protected Infrastructure:



1. Crescent Beach Court Houses: Several houses on Crescent Beach Court are located on the south side of the Portage Lake Harbor. These houses are adjacent to the federal structure and have Lake Michigan beach access.



2. 2nd Street Houses: Several houses are also located directly adjacent to the north federal structure of Portage Lake Harbor. These houses also have beach access to Lake Michigan and Portage Lake.



3. Portage Point Inn: Portage Point Inn is located on the north side of the federal structure and on the west shore of Portage Lake. Portage Point Inn has a yacht club, a historic inn, condominiums, and cabins. The facility has a three story building for the yacht club and inn, and it has a two story condominium building and five cabins.



4. Village of Onekama: The shore of Portage Lake has many houses and docks located around the lake. Some of the houses are located directly on the shore of the lake and many of these homes have private docks in the water.



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.

