



US Army Corps
of Engineers®

HARBOR INFRASTRUCTURE INVENTORIES White Lake Harbor, Michigan



Harbor Location: White Lake Harbor is located on the east shore of Lake Michigan, 120 miles northeast of Chicago, IL and 45 miles south of Ludington, MI.

Authority: Rivers and Harbors Act of 2 Mar 1867, 3 Mar 1873, 5 Jul 1884, 13 Jul 1892, 5 Mar 1907.

Project Description: White Lake Harbor is a shallow draft recreational harbor with nearly 4,800 feet of maintained piers and revetments and almost 2,000 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 established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.

Congressional Interest:

- Representative Bill Huizenga, R-MI-2
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

Current Condition Assessment: **A** (Repaired in the 1990s)



Date of Site Visit: 17 August 2010

Summary of Impact: The White River Light Station and the Water's Edge Lodge are located adjacent to the south structure and any breach or failure in that structure could cause foundation concerns. A breach or failure causing increased wave action could create damage to the docks which are located near the end of the structure. Also many of the buildings around White Lake are located near the shore where increased erosion could create unstable conditions for many structures.

Examples of Protected Infrastructure:



1. Lakefront Houses: There are lakefront houses on both the northern shores of Lake Michigan and White Lake. The houses on the northern shore of White Lake also have their own personal docks that appear to be removable.



2. White River Light Station- Great Lakes Maritime Museum: The White River Light Station is a light house that serves as a museum. The museum was originally constructed on top of a small hill and is currently surrounded by vegetation.



3. Hollister's The Water's Edge Lodge: The Water's Edge Lodge is an apartment and cottage resort located on the south side of the channel, immediately adjacent to the federal structures. There is one large, two-story building with apartments and a second smaller building that serves as a cottage.



4. Driftwood Dunes Condominiums: Driftwood Dunes is located on the western shore of White Lake, just south of the White Lake harbor structures. The condominium complex contains two separate three-story buildings. Many of the condos have docks, and boats are also moored near the shore of the lake.



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.

