



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

HARBOR INFRASTRUCTURE INVENTORIES

Little Lake Harbor, Michigan



Harbor Location: Little Lake 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: Little Lake Harbor is a shallow draft recreational harbor with more than 1,100 feet of breakwaters and approximately 1,600 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 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: **C**



Date of Site Visit: 8 August 2013

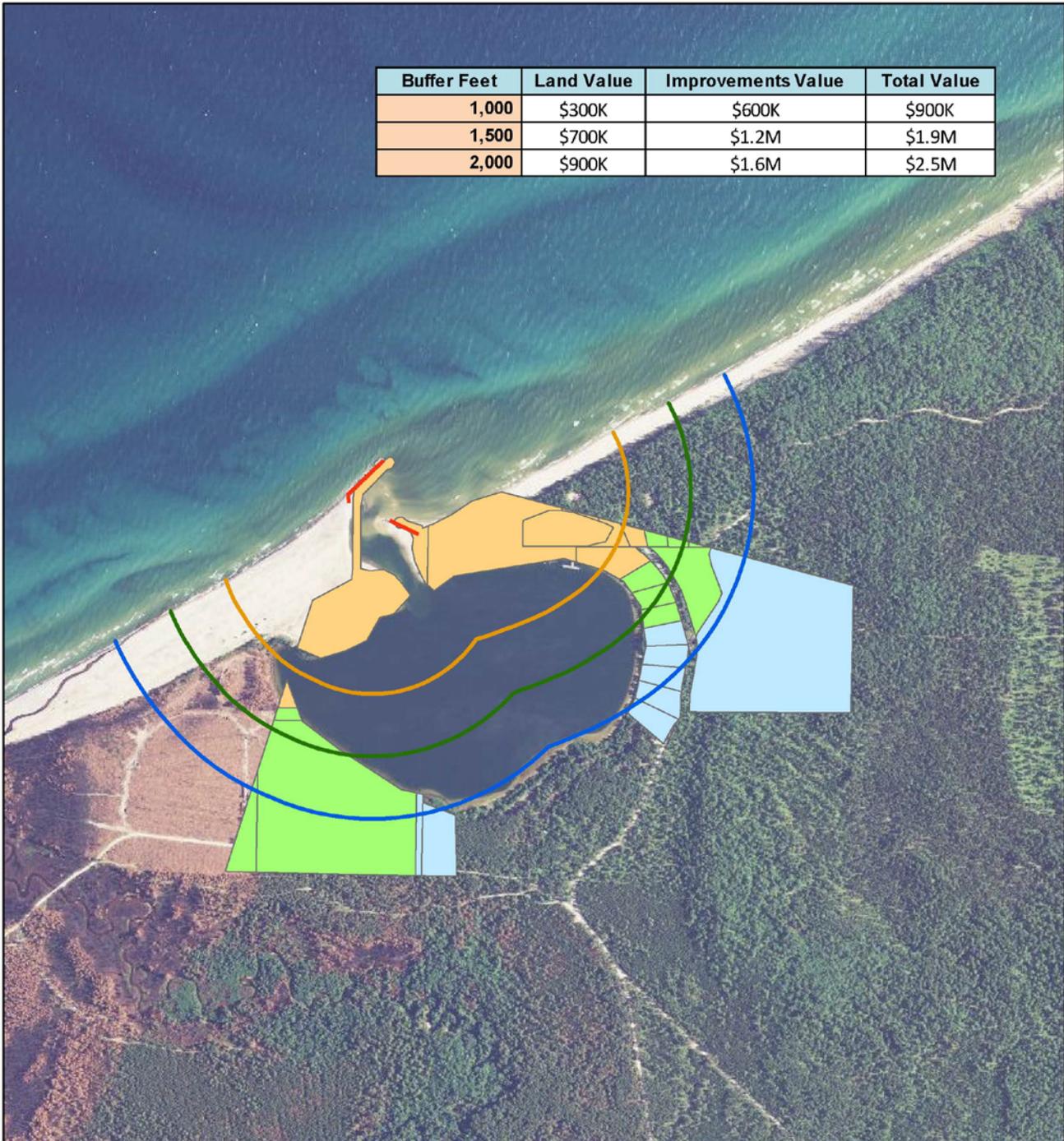
Summary of Impact: Waves overtopping the breakwater could propagate up the channel into Little Lake. The shoreline along the inner channel could be eroded and cause flanking and ultimate failure of the existing breakwaters. Waves transmitted into Little Lake could also cause dangerous currents for boat launching at the Luce County Road Commission and Public Docks as well as damage to vessels moored at both docks. No significant development is located along the Lake Superior shoreline and thus no commercial properties would likely be damaged during a significant storm event. Excessive shoaling and windblown sand have buried a significant portion of the breakwater structure thereby reducing the effectiveness of the structure.

Examples of Protected Infrastructure:



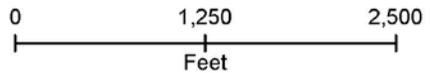
Potential Impact Area: The following graphic displays property parcels that could be impacted within various zones defined by different setbacks from the shoreline behind existing Federal coastal structures. Values are based on real property tax assessments from these parcels, and don't reflect any detailed coastal zone damage assessments. Figures simply reflect property values at various setbacks.

Buffer Feet	Land Value	Improvements Value	Total Value
1,000	\$300K	\$600K	\$900K
1,500	\$700K	\$1.2M	\$1.9M
2,000	\$900K	\$1.6M	\$2.5M



- Federal Structure
- Shoreline_1000_ft_buffer
- Shoreline_1500_ft_buffer
- Shoreline_2000_ft_buffer
- Parcels_1000_ft_buffer
- Parcels_1500_ft_buffer
- Parcels_2000_ft_buffer

LITTLE LAKE HARBOR McMillan, MI



Imagery Source- NAIP 2012

