



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

## HARBOR INFRASTRUCTURE INVENTORIES Clinton River Harbor, Michigan



**Harbor Location:** Clinton River Harbor is located on the west shore of Lake St. Clair about 35 miles south of Port Huron, MI.

**Authority:** Rivers & Harbors Act of 5 Aug 1886, modified under Section 107 River & Harbor Act of 1960.

**Project Description:** Clinton River Harbor is a shallow draft recreational harbor with more than 1,500 feet of breakwaters and approximately 8 miles 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. The harbor is home the Macomb County Sheriff, Marine Division Headquarters and the Michigan DNR, which operates a field office a few miles up the river. The harbor is also very popular with local fishermen because of the easy access to boat launches. The harbor is home to about 50 commercial boat slips/dry storage bays.

### **Congressional Interest:**

- Representative Candice S. Miller R-MI-10
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

**Current Condition Assessment:** **B**



**Date of Site Visit:** 4 November 2010

**Summary of Impact:** Prevailing waves typically come from the north-northeast direction. Waves overtopping the breakwater could regenerate along the river channel and have an immediate impact on the MDNR and Macomb County properties and the marinas located along the river. The wave activity associated with the overtopping could cause dangerous currents for boat launching at these sites as well as damage vessels moored at the marinas. Presently, the MDNR, County facilities and local marinas are 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. In the event the structures are damaged and/or destroyed during a storm event, the MDNR, Macomb County and local marinas may be impacted.

**Examples of Protected Infrastructure:**



**1. MDNRE Property – Harley Ensign Memorial Access Site:** Primarily used as a public boat launch site, with a usage fee in effect. The site provides multiple hard surface launch ramps and parking for 349 vehicles.

**2. Macomb County Sheriff Marine Division Headquarters:** The Macomb County Sheriff's Marine Division patrols Lake St. Clair and its connecting waterways. The units patrol area covers approximately 89 square miles of Lake St. Clair, 30.5 miles of shoreline and approximately 57 miles of connecting rivers, canals and streams.



**3. Condominiums – Venetian Pointe Estates:** High-end 3-bedroom waterfront condominiums that have boatwells adjacent to the property.

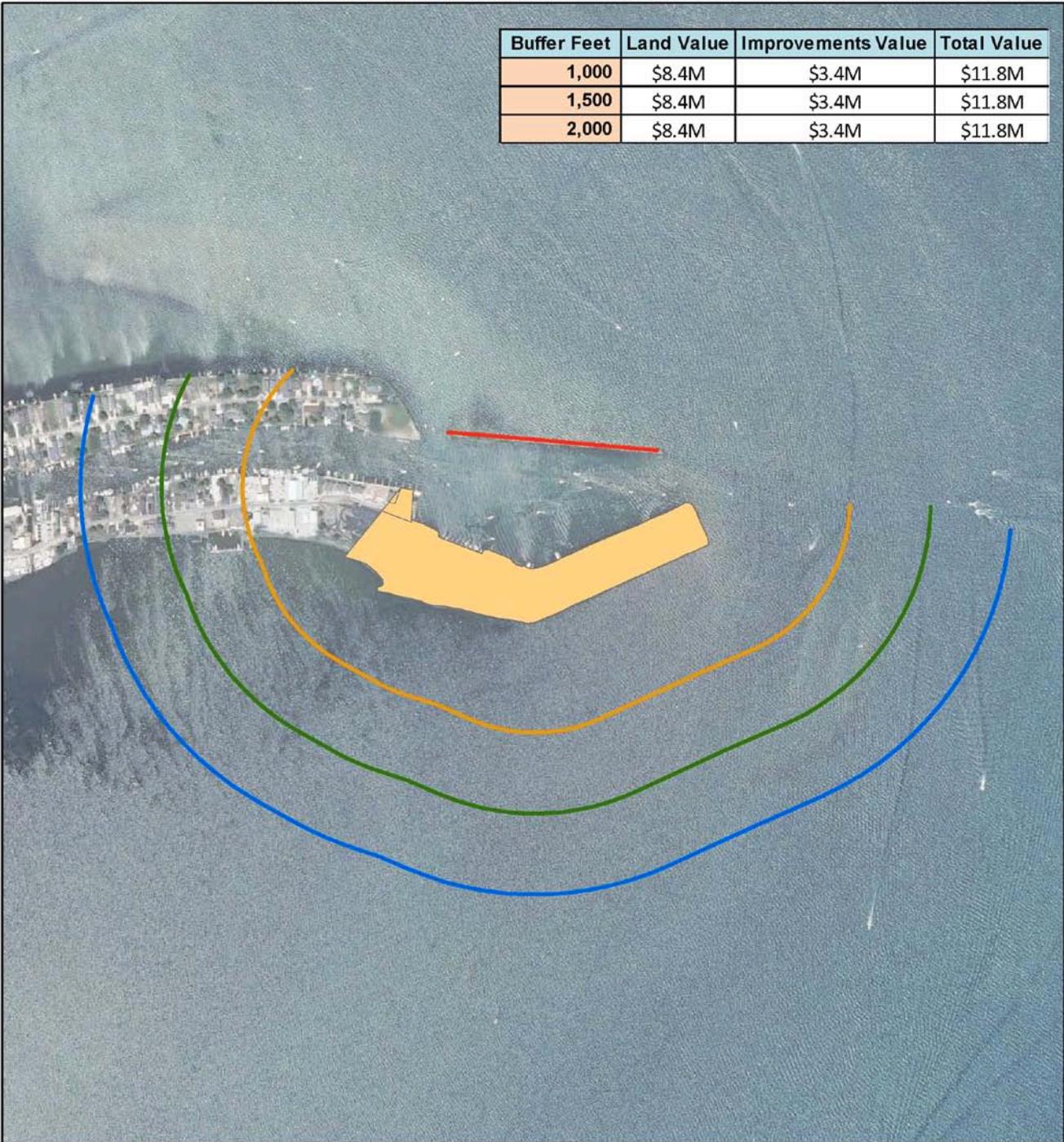


**4. Boca Grande Marina:** Offers boat maintenance and repair work.

**5. Huron Pointe Yacht Club:** A year round casual meeting place for members of the club (boaters and non-boaters). The facility has space to moor 12 boats on-site.

**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.

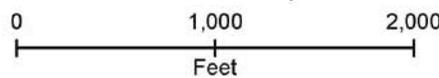
Buffer Feet	Land Value	Improvements Value	Total Value
1,000	\$8.4M	\$3.4M	\$11.8M
1,500	\$8.4M	\$3.4M	\$11.8M
2,000	\$8.4M	\$3.4M	\$11.8M



- 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

## CLINTON RIVER HARBOR

Clinton River, MI



Imagery Source- NAIP 2011

