



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

## HARBOR INFRASTRUCTURE INVENTORIES Ashland Harbor, Wisconsin



**Harbor Location:** Ashland Harbor is located at the head of Chequamegon Bay, on the south shore of Lake Superior, about 65 miles east of Duluth, MN.

**Authority:** River & Harbor Act of 5 Aug 1886, 11 Aug 1888, 3 Mar 1899, 6 Jun 1900, 8 Aug 1917, 3 July 1930, 30 Aug 1935, 2 Mar 1945, 14 Jul 1960.

**Project Description:** Ashland Harbor is a deep draft commercial harbor with nearly 8,000 feet of breakwater structures and over one mile of maintained channel.

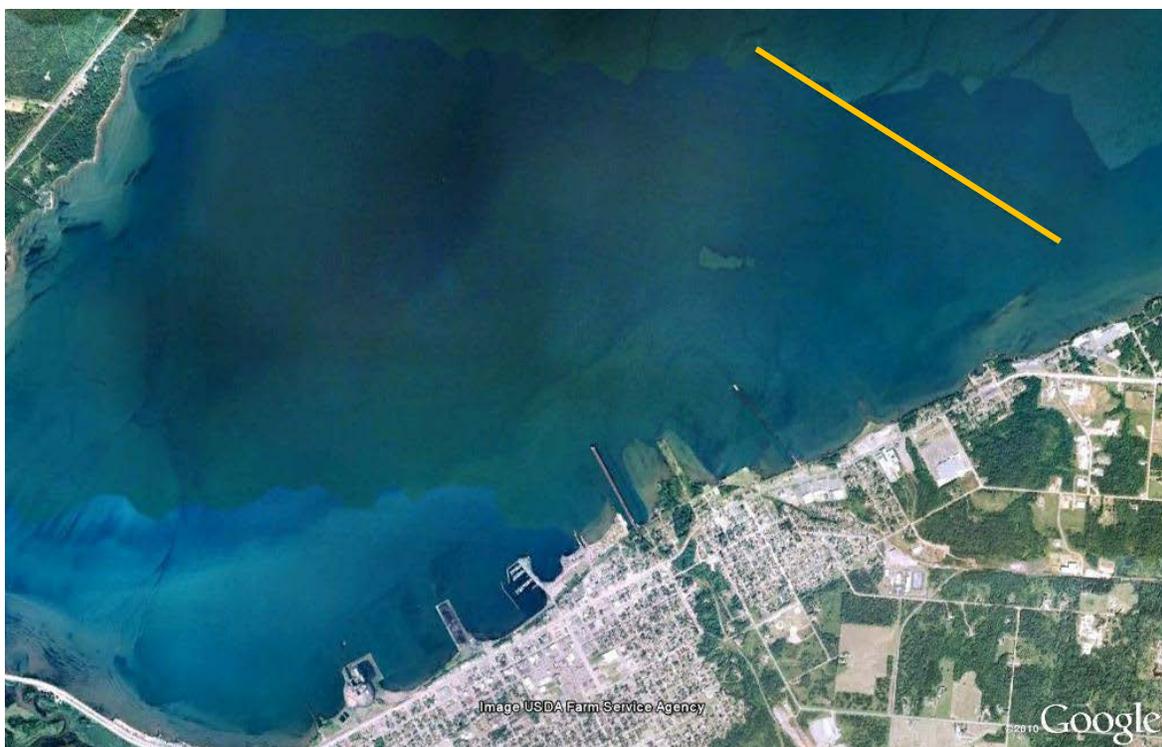
**Traffic:** Five year average (2006-2010) tonnage is 49,000 tons of material shipped and received

**Transportation Importance:** This project is a locally significant receiving port on the Great Lakes receiving commodities of coal and lignite. There is also a significant tour boat industry located at this harbor.

### Congressional Interest:

- Representative Sean Duffy R-WI-7
- Senator Ron Johnson R-WI
- Senator Tammy Baldwin D-WI

**Current Condition Assessment:** **C**



**Date of Site Visit:** 16 September 2010

**Summary of Impact:** Prevailing waves come from the north-northeast direction. Offshore waves could have an immediate impact on the marina located on the Ashland shoreline. Any significant wave activity within Chequamegon Bay could damage vessels moored at the marina. Presently, the marina located on the bay at the foot of Ellis Avenue is sufficiently protected, but could be exposed to greater wave heights under the right conditions. In both cases, an increased wave climate would likely result in damage to docked vessels and the docks themselves. Other shore structures and businesses subject to potential inundation are the Xcel Energy Plant, C. Reiss Coal Company, Ashland Toyota and Kreher Park. In the event the structure is damaged and/or destroyed during a storm event, no additional commercial properties within the zone of influence of the Ashland breakwater would likely be impacted.

**Examples of Protected Infrastructure:**



**1. Ashland Marina:** This marina is open daily from 7am-10pm for the boating season which extends from 01 April to 31 October. Ashland Marina consists of floating docks with 120 seasonal slips and 5 transient slips. Amenities include summer and winter storage, public launch, water, electricity, restrooms, washroom with showers, gasoline, diesel, pump out, ice and a ship's store. Daily dockage rates range from \$25 to \$50.



**2. Xcel Energy:** The BayFront Plant has been in operation since 1916. It was a coal plant retrofitted to burn waste wood in the form of sawdust, wood chips and tree bark and railroad ties. The power provided by the plant serves the city of Ashland and is shipped anywhere power is needed. The BayFront Plant has also been equipped with natural gas peaking capabilities to produce more energy, as needed. The plant has an output capacity of 76 megawatts.



**3. C. Reiss Coal Company:** This coal company markets coal to customers throughout the Great Lakes region. It utilizes terminals in Chicago and on Lake Erie and is capable of providing handling and storage of coal, pet coke, stone, road salt, slag and other bulk materials. The company also owns and operates eight coal docks, including one in Ashland to provide these services.



**4. Ashland Toyota:** The car dealership serves Ashland, Park Falls, Haywood, Spooner, Hurley, Wakefield, Ironwood, Mellen, and the surrounding communities. Since opening its doors in 2008, the 25 Ashland Toyota employees have maintained a solid commitment to customers while offering the widest selection of new and used cars, trucks and SUV's.

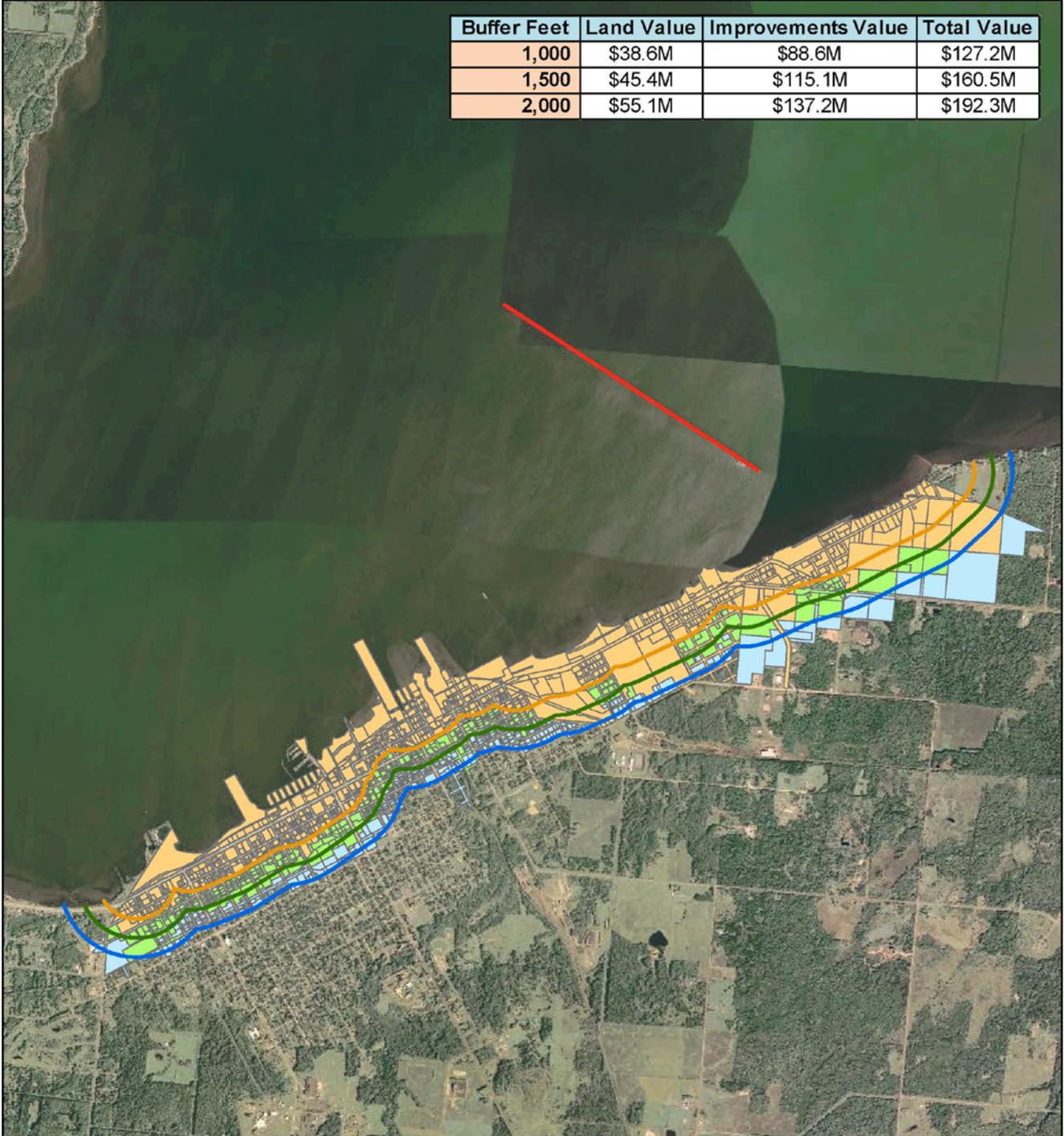


**5. Kreher Park:** City-owned park located on Chequamegon Bay in downtown Ashland. The park provides public access to water, electricity, bathrooms, showers, pumping station, boat landing, a beach area as well as a playground, a large picnic area and 35 RV campsites



**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.

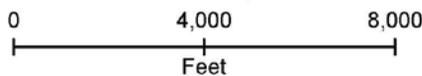
Buffer Feet	Land Value	Improvements Value	Total Value
1,000	\$38.6M	\$88.6M	\$127.2M
1,500	\$45.4M	\$115.1M	\$160.5M
2,000	\$55.1M	\$137.2M	\$192.3M



- 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

## ASHLAND HARBOR

### Ashland, WI



Imagery Source- NAIP 2010



Created April 2013 - by T. Crockett- Buffalo District