



US Army Corps  
of Engineers®

## HARBOR INFRASTRUCTURE INVENTORIES Conneaut Harbor, OH



**Harbor Location:** Conneaut Harbor is located at the mouth of the Conneaut River on the southern shore of Lake Erie in the city of Conneaut, OH about 70 miles east of Cleveland, OH.

**Authority:** River & Harbor Acts of 1910, 1917, 1935 and 1962.

**Project Description:** Originally authorized by the River and Harbor Act of 1910, Conneaut Harbor is a deep draft commercial harbor. Protective structures consist of east and west breakwaters, east breakwater extension, west breakwater shorearm and east and west piers totaling over 2.2 miles in length.

**Traffic:** 5,511,640 tons (5-Year average, 2005-2009).

**Transportation Importance:** Major regional receiving port on the Great Lakes for commodities including coal, iron ore, aggregates, limestone, ores and minerals.

### Congressional Interest:

- Representative Steven LaTourette R-OH-14
- Senator Rob Portman R-OH
- Senator Sherrod Brown D-OH

### Current Condition Assessment: **D**



**Date of Site Visit:** 17 June 2010

**Summary of Impact:** Prevailing waves come from the west to northeast direction. Failure of any of the breakwaters would result in increased sedimentation in the outer harbor and river entrance and would result in increased wave action leading to limiting operations, flooding and damage to on shore facilities. Increased wave action in the marina harbor would cause damage to craft. The sand bar would also undergo erosion and the material would be washed into the channel. Shipping activity at the Pittsburgh and Conneaut Dock would suffer light loading and limits to operations.

**Examples of Protected Infrastructure:**



**1. Pittsburgh & Conneaut Dock Co.:** Privately owned shipping facility with three docks: Dock 1 – for inbound stone, aggregate, gypsum and sand products. Storage for up to 700,000 tons and capacity for up to 2 million tons annually. All material unloaded via self unloaders. Dock 3 – for outbound coal and energy products. 119 acres, can unload up to 400 railcars. All coal hauled in through rail cars or ground transport and loaded into vessels for transport to other Great Lakes ports. Dock 4 – for inbound iron ore and related products. Annual throughput of more than 10 million gross tons.



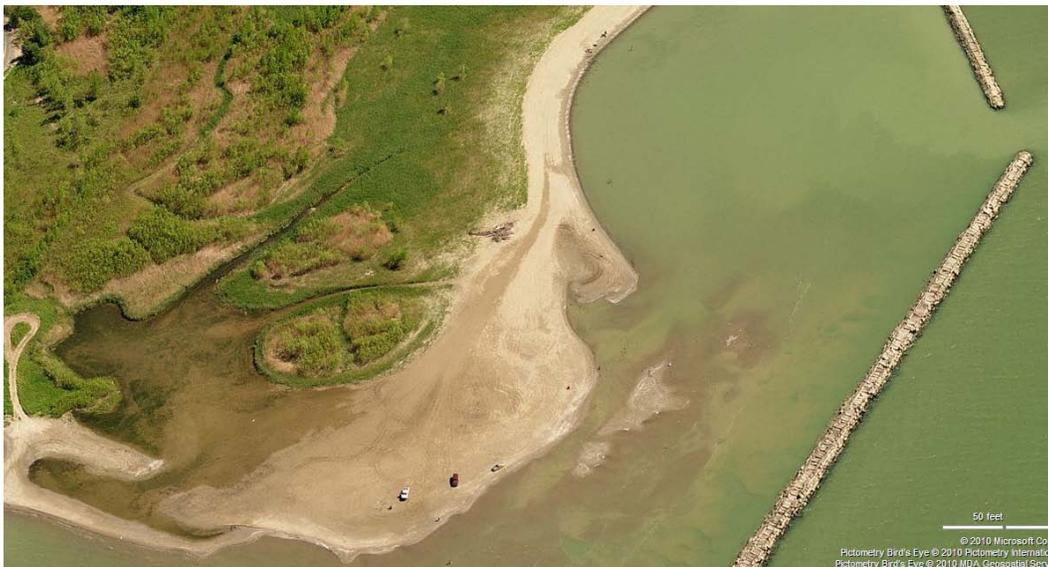
**2. Conneaut Port Authority Marina and Lagoon:** Port Authority owned marina with 400 fixed and floating wood, steel and aluminum slips able to accommodate vessels up to 37'. Seasonal rates range from \$650 to \$1,500. Electric and water available at all slips. Other amenities include a restaurant, pavilion with meeting room, picnic area, laundry facilities, pumpout, showers and restrooms. Marina is dependent on breakwaters to maintain a calm harbor for operations. Presently wave action is present in harbor; breakwater failure would greatly exacerbate wave issues.



**3. Conneaut Port Authority Boat Launch: 2 lane public boat launch.**



**4. Sand bar being used by public: Sand bar that is being used by the public for swimming and recreation.**



**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.

