



US Army Corps
of Engineers®

HARBOR INFRASTRUCTURE INVENTORIES Rocky River Harbor, OH



Harbor Location: Rocky River Harbor is located at the mouth of Rocky River on the southern shore of Lake Erie in the city of Rocky River, OH about 10 miles west of Cleveland, OH.

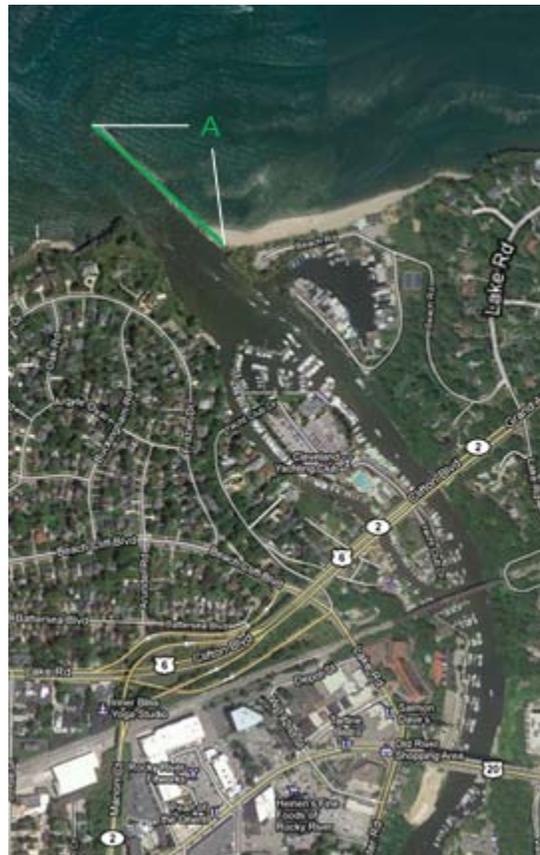
Authority: River & Harbor Acts of 1872, 1937 and 1965.

Project Description: Originally authorized by the River and Harbor Act of 1872, Rocky River Harbor is a shallow draft recreational harbor. Protective structures consist of a 900' long rubblemound stone east pier.

Congressional Interest:

- Representative Dennis Kucinich D-OH-10
- Senator Rob Portman R-OH
- Senator Sherrod Brown D-OH

Current Condition Assessment: **A**



Date of Site Visit: 15 June 2010

Summary of Impact: Prevailing waves come from the west to northeast direction. Failure of the east pier would result in increased wave action under north-northeast winds, leading to erosion of the bluff on the west bank of the river. Erosion of this bluff would lead to the undermining of the foundations of a series of private homes, 4 of which are located near the edge. Additionally, the increased wave action would cause inundation and damage to the vessels and facilities of the Cleveland Yachting Club.

Examples of Protected Infrastructure:



1. Cleveland Yachting Club: Privately owned marina with approximately 300 slips. Electric and water is available at all slips. Other amenities include a clubhouse, restaurant, swim area, playground and gas dock. Pier failure would cause increased wave action in harbor, causing damage to structures and vessels.

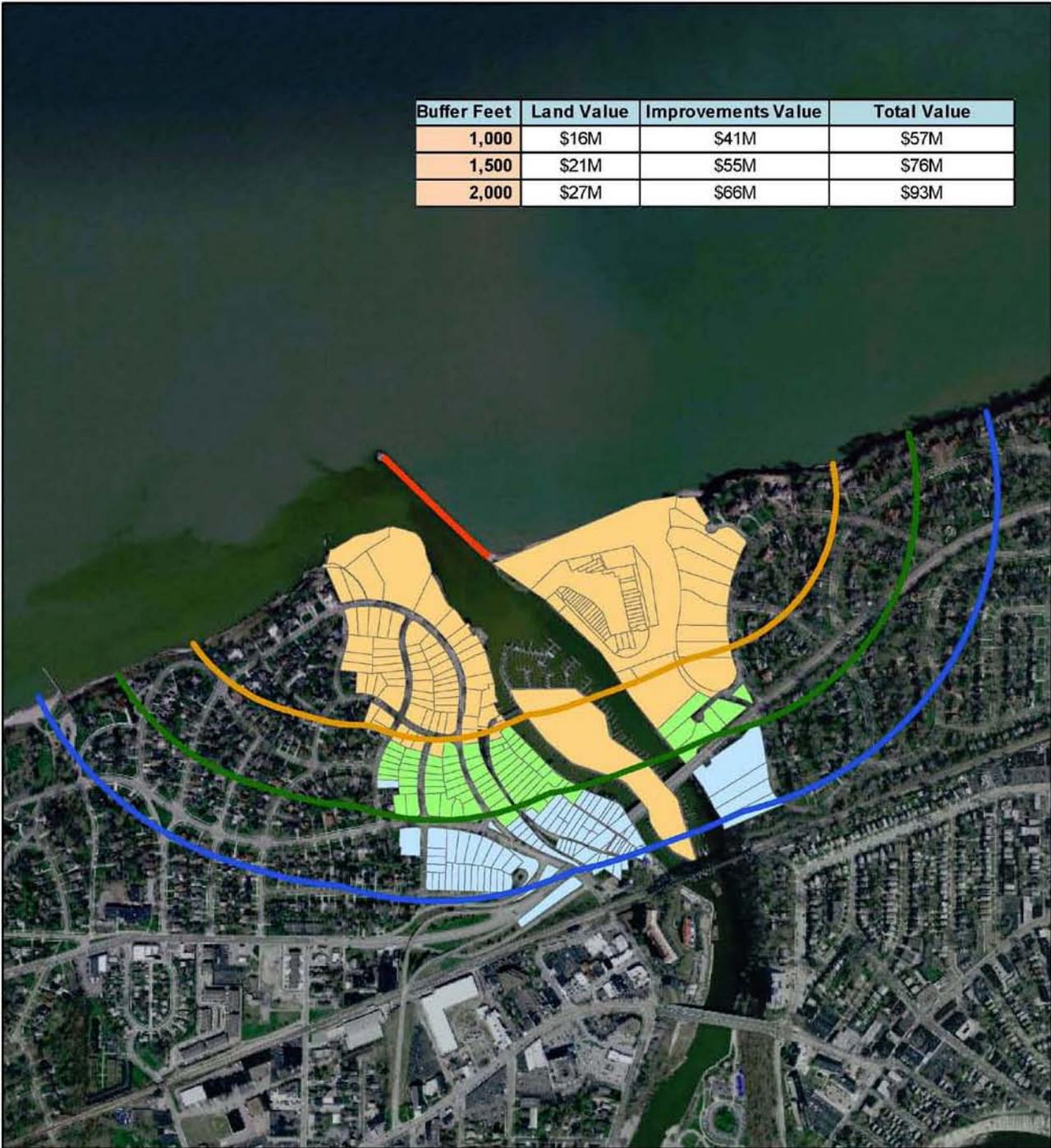


2. Private homes overlooking Rocky River/Lake Erie: Single family homes constructed on a bluff overlooking the lake and Rocky River. Breakwater failure would cause increased wave action in the mouth of the river resulting in increased erosion of the bluff and could threaten the stability of the homes.



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	\$16M	\$41M	\$57M
1,500	\$21M	\$55M	\$76M
2,000	\$27M	\$66M	\$93M



- 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

PORT CLINTON HARBOR

Port Clinton, OH

