



US Army Corps
of Engineers®

HARBOR INFRASTRUCTURE INVENTORIES Olcott Harbor, New York



Harbor Location: Olcott Harbor is located on the southern shore of Lake Ontario at the mouth of Eighteen Mile Creek in the Village of Olcott, NY about 65 miles west of Rochester, NY.

Authority: River & Harbor Acts of 1867 and 1913 and Water Resources Development Act of 1986

Project Description: Olcott Harbor is a shallow draft recreational harbor. Protective structures consist of east and west steel sheet pile piers with a total length of 1,723'.

Transportation Importance: Supports 14 charter fishing boats generating approximately \$114,000 in net income annually, and is a critical harbor of refuge.

Congressional Interest:

- Representative Louise Slaughter D-NY-28
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY

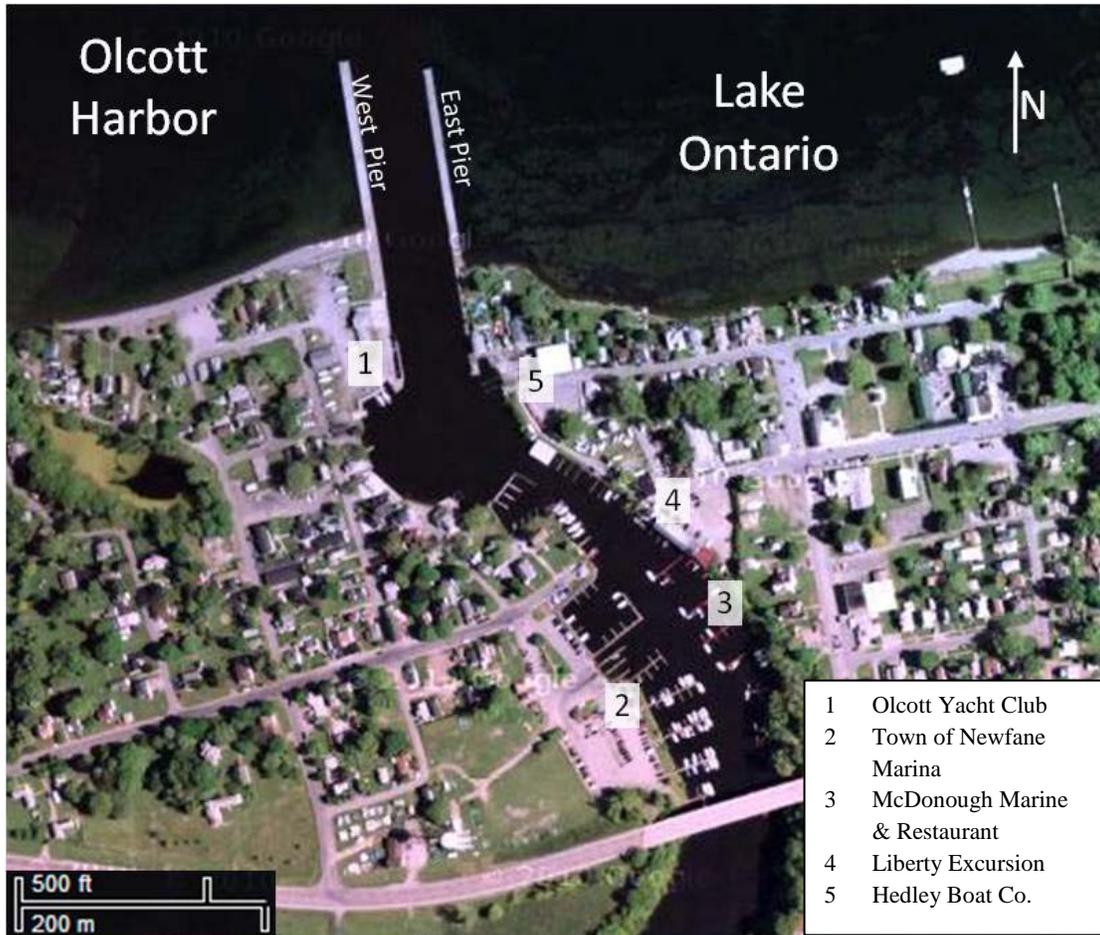
Current Condition Assessment: **A**



Date of Site Visit: 25 May 2010

Summary of Impact: Prevailing waves come from the northwest to northeast direction. Failure of the piers would result in increased wave action in the creek leading to flooding and damage to on shore facilities. Presently, the facility operators along the banks of the creek report issues with wave action in the harbor under northerly winds due to a lack of a detached breakwater. In addition, the mouth of Eighteen Mile Creek would suffer increased sedimentation.

Examples of Protected Infrastructure:



1. Olcott Yacht Club: Privately owned marina built in 1920 with 5 fixed wood and steel slips and storage for about 50 vessels onshore. Able to accommodate vessels up to 42'. Other amenities include a 20 ton travel lift, pumpout, a 40' by 60' 2 story clubhouse with dining, bar and shower. Piers serve to maintain open harbor for navigation. Concerns over lack of breakwater outside of the piers. Due to wave action, yacht club is unable to proceed with plans to install around 40 slips.



2. Town of Newfane Marina: Municipally owned marina with 103 slips, both fixed and floating made of steel, aluminum and wood. Slips have electric and water and pumpout is available. Can accommodate vessels up to 30'. Other amenities include gas, a fish cleaning station, a boat cleaning station and a 3 slip boat launch. Municipal concerns were with the lack of breakwater outside of the piers. Because of this, there is increased wave action moving upstream from the lake.



3. McDonough Marine and Restaurant: Privately owned structure. Unable to get information.



4. Liberty Excursions: Private charter boat company with two vessels - the Black Pearl and Schooner Liberty. Run charter cruises from harbor into lake. Business is dependent on navigable channel to lake for operations.



5. Hedley Boat Co.: Privately owned marina. Unable to obtain additional information. Piers serve to maintain open harbor for navigation.



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.

