



US Army Corps
of Engineers®

HARBOR INFRASTRUCTURE INVENTORIES Great Sodus Harbor, New York



Harbor Location: Great Sodus Bay Harbor is located on the southern shore of Lake Ontario at the entrance of Great Sodus Bay, about 32 miles east of Rochester, NY.

Authority: River and Harbor Acts of 1829, 1882, 1925, 1930, 1935, and 1962

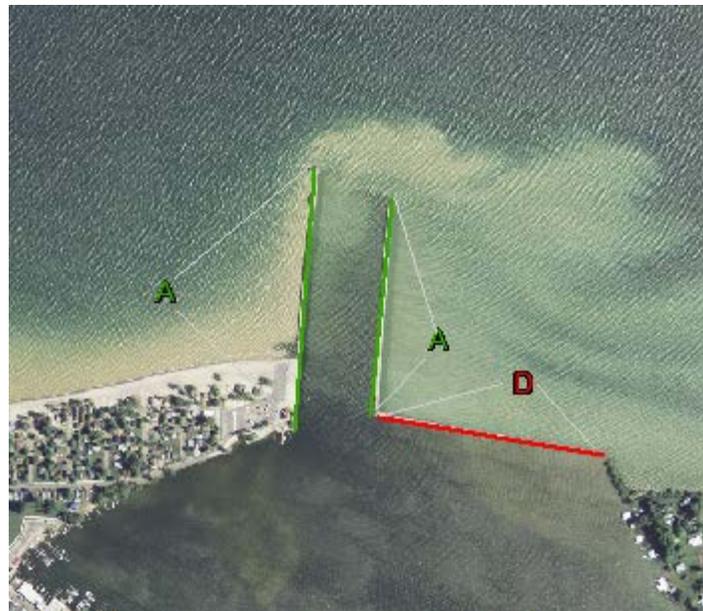
Project Description: Great Sodus Bay Harbor is a deep draft recreational harbor. Protective structures consist of the east and west piers and east breakwater totaling over 4,500 feet in length. The east and west piers are steel sheet pile walls with a concrete cap and an east breakwater is a wood crib base with a concrete cap.

Transportation Importance: Provides safe passage between Little Sodus Bay and is a harbor of refuge.

Congressional Interest:

- Representative Daniel Maffei D-NY-24
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY

Current Condition Assessment: D



Date of Site Visit: 4 June 2010

Summary of Impact: Prevailing waves come from the northwest to east direction. Failure of the protective structures would lead to erosion of the beach at the Sodus Point Beach County Park and cause damage to the U.S. Coast Guard Auxiliary Station. Additionally, sedimentation of the lake channel would occur, increasing maintenance requirements and limiting Coast Guard and public access to the lake from the bay. The East Breakwater directly protects the bay from wave action off the lake. Significant damage would result to onshore structures from failure of the breakwater.

Examples of Protected Infrastructure:



1. **Sodus Point Beach County Park:** County owned public park with swimming beach. Beach is nourished by sand captured behind the West Pier. Pier failure would likely result in beach erosion and a reduction in recreational usage.

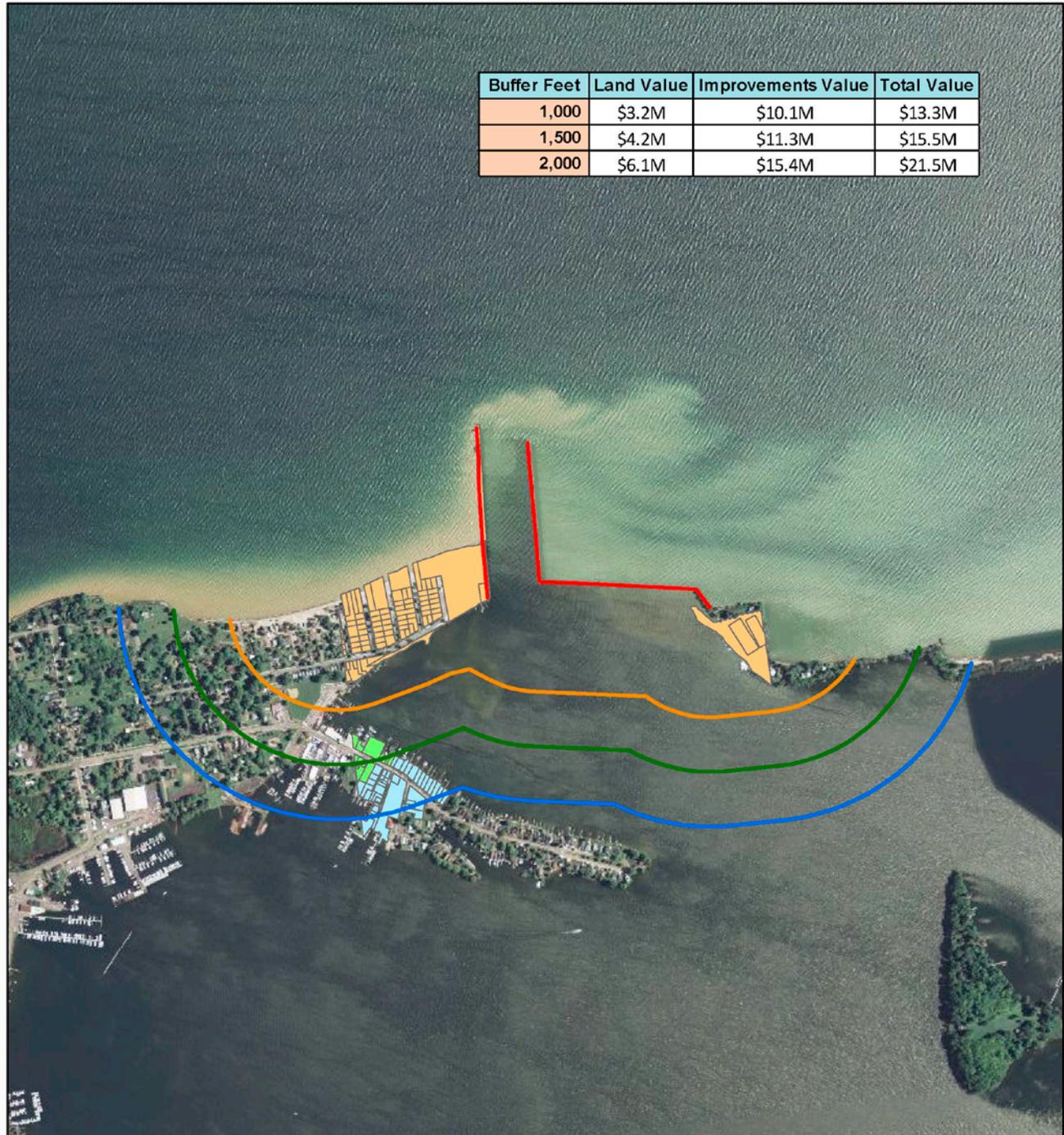


2. **U.S. Coast Guard Station Auxiliary Station Sodus Point:** Coast guard station with a single story station house.



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.

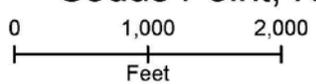
Buffer Feet	Land Value	Improvements Value	Total Value
1,000	\$3.2M	\$10.1M	\$13.3M
1,500	\$4.2M	\$11.3M	\$15.5M
2,000	\$6.1M	\$15.4M	\$21.5M



- 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

GREAT SODUS BAY HARBOR

Sodus Point, NY



Imagery Source- NAIP 2011



Created June 2013- by T. Crockett- Buffalo District