



US Army Corps
of Engineers®

HARBOR INFRASTRUCTURE INVENTORIES

Irondequoit Bay Harbor, New York



Harbor Location: Irondequoit Bay Harbor is located on the southern shore of Lake Ontario at the entrance to Irondequoit Bay, about 4 miles east of Rochester Harbor.

Authority: River and Harbor Act of 1958

Project Description: Irondequoit Bay Harbor is a shallow draft recreational harbor. Protective structures consist of the west breakwater and east Jetty of rubblemound stone construction with a total length of 2,100'.

Transportation Importance: Supports 8 charter fishing boats generating approximately \$65,000 in net income annually, and is a 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: 4 June 2010

Summary of Impact: Prevailing waves come from the northwest to northeast direction. Failure of the protective structures would result in increased sedimentation of the mouth of the bay, resulting in greater maintenance needs and reduced lake access. Additionally, wave action would increase in the harbor.

Examples of Protected Infrastructure:



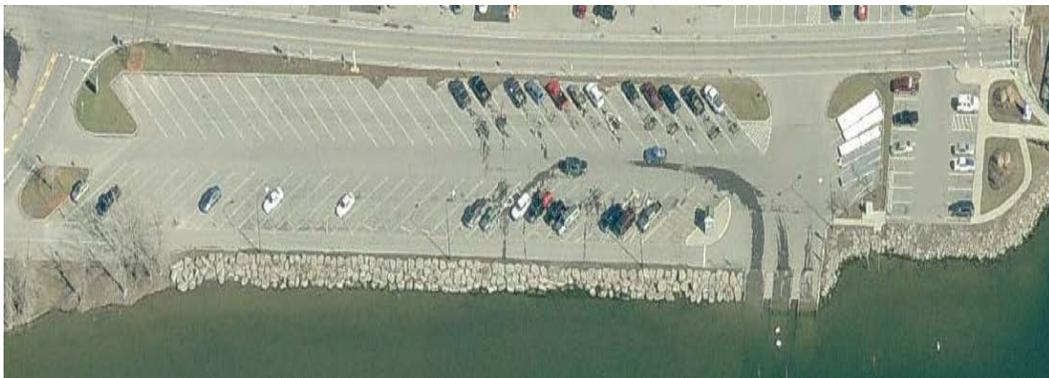
1. **Mayer's Marina, Inc.:** Privately owned marina with 320 floating steel, plastic and aluminum slips able to accommodate vessels up to 25'. The seasonal rate is \$50 per foot. Other amenities include fuel (gas only), restrooms, a public boat launch (\$5 launch fee), ship store and an overhead lift with a hoist. Marina is dependent on breakwaters to maintain an open channel for lake access.



2. **Private homes and beaches:** Series of private homes along shoreline. Breakwaters serve to reduce wave action and allow sand deposition for beach formation.

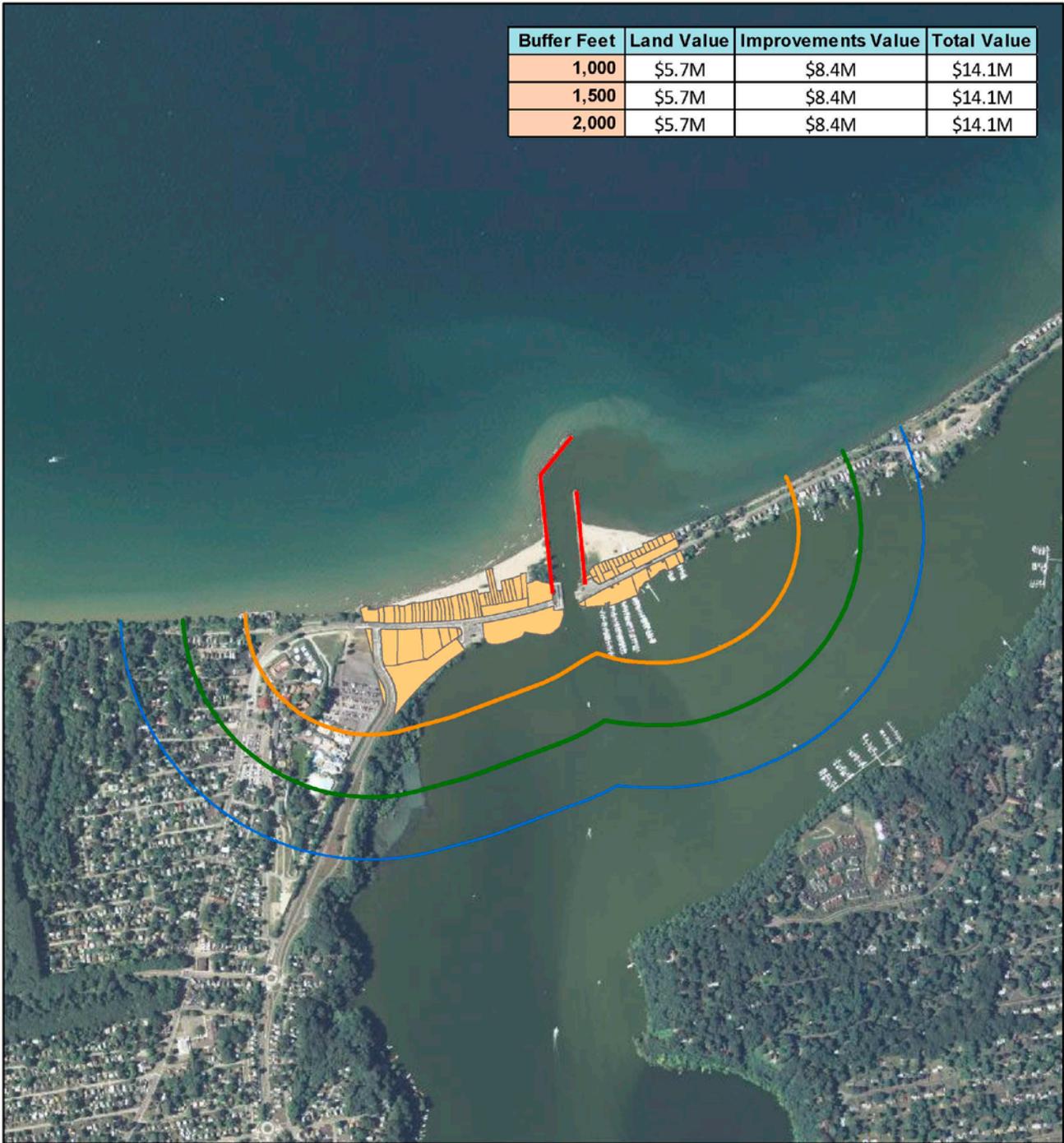


3. **Irondequoit Bay Marine Park – Monroe County:** County owned 30 acre park with boat launch. Season pass rates are \$100 or \$65 for seniors. \$6 per launch. Breakwaters serve to maintain an open channel for lake access.



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.

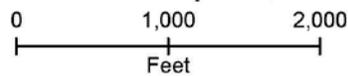
Buffer Feet	Land Value	Improvements Value	Total Value
1,000	\$5.7M	\$8.4M	\$14.1M
1,500	\$5.7M	\$8.4M	\$14.1M
2,000	\$5.7M	\$8.4M	\$14.1M



- 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

IRONDEQUOIT BAY HARBOR

Irondequoit, NY



Imagery Source- NAIP 2011



Created June 2013- by T. Crockett- Buffalo District