



**US Army Corps
of Engineers**®
Detroit District

HARBOR INFRASTRUCTURE INVENTORIES Greilickville Harbor, Michigan



Harbor Location: Greilickville Harbor is located two miles northwest of Traverse City, Michigan.

Authority: River & Harbor Act of 1948 and 26 June 1964.

Project Description: Greilickville Harbor is a shallow draft recreational harbor with approximately 1,220 feet of steel sheet pile breakwater and 750 feet of rubble mound breakwater structures.

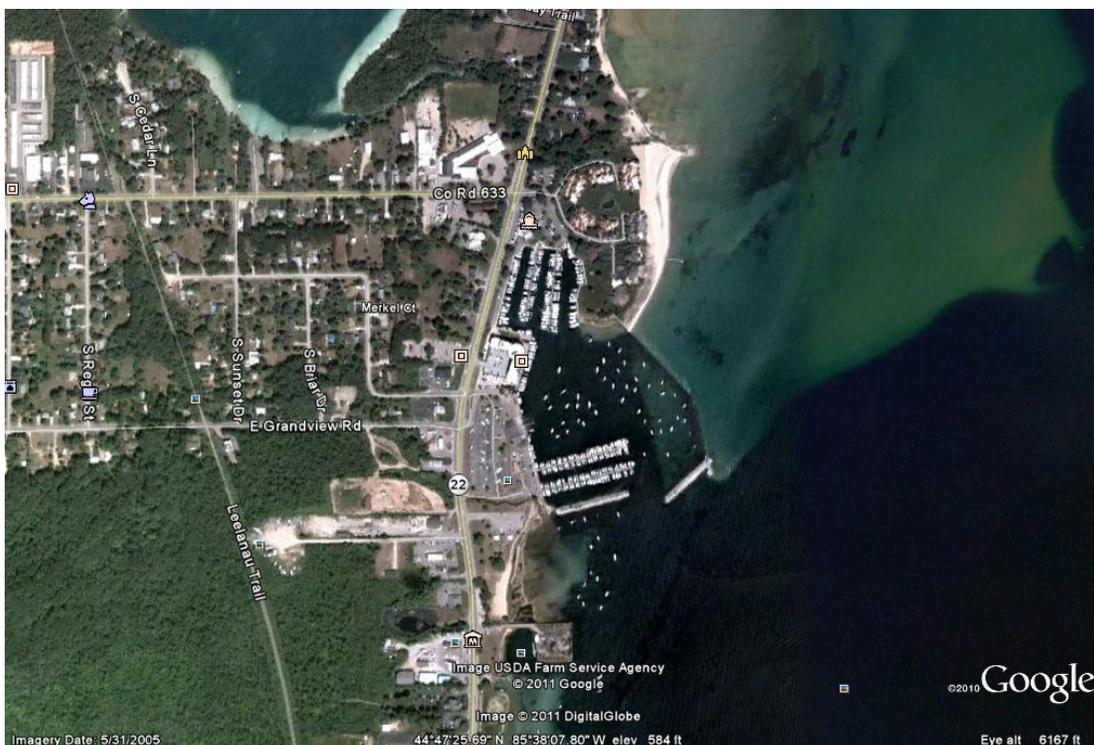
Traffic: No commerce reported

Transportation Importance: This project supports recreational navigation interests.

Congressional Interest:

- Representative Dan Benishek R-MI-1
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

Current Condition Assessment: **B**



Date of Site Visit: 30 August 2010

Summary of Impact: The most significant impact of a failure or breach to the federal navigational structures would likely be damage to the marinas. Several boats and docks could get damaged. The Bay Breeze Yacht Sales building is also located behind the revetment on the west side of the harbor. The revetment could be effected by increased wave action, possibly causing foundation stability concerns for the buildings set behind the federal structures.

Examples of Protected Infrastructure:



1. Harbor West Yacht Club: Harbor West Yacht Club is a privately owned marina that has approximately 200 slips, located on the north side of the Greilickville Harbor. The slips are fixed wood docks with steel pilings.



2. Bay Breeze Yacht Sales: Bay Breeze Yacht Sales is located on the west side of the Greilickville Harbor. Bay Breeze Yacht Sales is a privately owned company that has a few fixed wood docks.



3. Elmwood Municipal Marina: Elmwood Municipal Marina is a marina maintained by the Township of Elmwood. The marina is located at the mouth of the harbor. The marina has 118 seasonal slips that are floating wood docks.



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.

