



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

HARBOR INFRASTRUCTURE INVENTORIES

Bolles Harbor, Michigan



Harbor Location: Bolles Harbor is located on the west shore of Lake Erie at the mouth of La Plaisance Creek, 7 miles southwest of Monroe, MI.

Authority: Rivers & Harbors Act of 6 Jul 1965.

Project Description: Bolles Harbor is a shallow draft recreational harbor with more than 600 feet of revetments and approximately 11,000 feet of maintained Federal channel. The project consists of a 200-foot steel sheet pile revetment located along the Michigan State Conservation Department property on the west side of the existing 400-foot long steel sheet pile revetment constructed by the Michigan State Waterways Commission at the mouth of La Plaisance Creek. The harbor is protected by a single 400-foot jetty.

Traffic: No commerce reported.

Transportation Importance: This project serves as an important Harbor of Refuge and supports charter fishing and recreational navigation interests. The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area. The harbor is home to 9 marinas and over 500 slips.

Congressional Interest:

- Representative John D. Dingell D-MI-15
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

Current Condition Assessment: **B**



Date of Site Visit: 27 May 2010

Summary of Impact: Winds from the SSE direction could have a negative impact on the harbor. The winds could generate waves that would overtop the Confined Disposal Facility (CDF) cross dike and possibly undermine the structure and wash the existing trees lining the dike into the federal channel. In addition, waves propagating further up LaPlaisance Creek could erode the unprotected shoreline adjacent to the BRF and damage the MDNR boat launch. Storm-induced waves could run further upstream of the creek and reflect off the shoreline and have negative impacts on the numerous marinas and water-related businesses along the creek banks.

Examples of Protected Infrastructure:



1. Flying Eagle Marina: Located immediately upstream of the Bolles Harbor Park, Flying Eagle Marina provides numerous seasonal services for the recreational boaters accessing Lake Erie. It is a privately-owned business that offers winter and summer boat storage. Guest boat slips are also available at the marina.



2. Trout's Yacht Basin: The Yacht Basin is a full-service facility. It has 96 permanent boat slips, offering both summer and winter services. Trout's offers inside and outside storage and is able to accommodate boats ranging from 18 feet to 42 feet in length. The business provides, refueling services, showers and repair facilities specializing in outboard motor parts and repair. Trout's also has ground facilities such as parking lots for vehicles and boat trailers and a boat ramp.



3. Other People's Money Club: This is a social boating club which offers numerous docks along La Plaisance Creek. The club has both summer and winter storage capabilities at rates ranging from \$38 - \$40 per foot. No permanent structure is located on the property. A tent is erected during the season to accommodate the members activities.



4. Monroe Boat Club: Is a private social boating club founded in 1945. The club has 135 slips along La Plaisance Creek with over 335 members. The club has a building on-site which serves as a bar and restaurant for numerous functions sponsored by the club during the boating season. There are no maintenance services available at this location.



5. Harbor Marine: Harbor marine is a full-service marina with facilities for summer rack and launch, winter and summer storage with certified mechanics on site. In addition to complete marine sales and services, there are complete shower and restroom facilities and a fully-stocked party store. A lighted parking lot for over 200 cars is also on site.



6. Erie Party Shoppe & Docks: This is a general/grocery party store providing groceries and liquor. In addition, 8-10 docks, live bait and tackle are available. The Erie Party Shoppe also sponsors numerous fishing charters excursions out of the Shoppe.



7. LaPlaisance Creek Marina: The marina has 10 docks and offers seasonal (summer) dock rentals. La Plaisance Creek Marina also provides winter storage. There are no structures located on the property.



8. Bolles Harbor Confined Disposal Facility (CDF): The CDF is an in-lake facility attached to land located in Monroe Charter Township, MI. The CDF is situated on the flat coastlands of Lake Erie at the mouth of La Plaisance Creek and extends 2,100 feet into Lake Erie. The CDF was constructed in 1978 under *Section 123* of PL 91-611 (*Rivers and Harbors and Flood Control Act of 1970*). Bolles Harbor CDF has an area of 25 acres and has a total capacity of 335,000 cubic yards. The CDF is owned by the Michigan Department of Natural Resources and is operated by the U.S. Army Corps of Engineers.



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.

