



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

HARBOR INFRASTRUCTURE INVENTORIES Caseville Harbor, Michigan



Harbor Location: Caseville Harbor is located at the mouth of the Pigeon River on the east shore of Saginaw Bay, about 17 miles southwest of Port Austin, MI.

Authority: Rivers & Harbors Act of 23 Oct 1962.

Project Description: Caseville Harbor is a shallow draft recreational harbor with approximately 1,800 feet of pier and over 4,000 feet of maintained Federal channel. The project depth ranges between 8 and 10 feet.

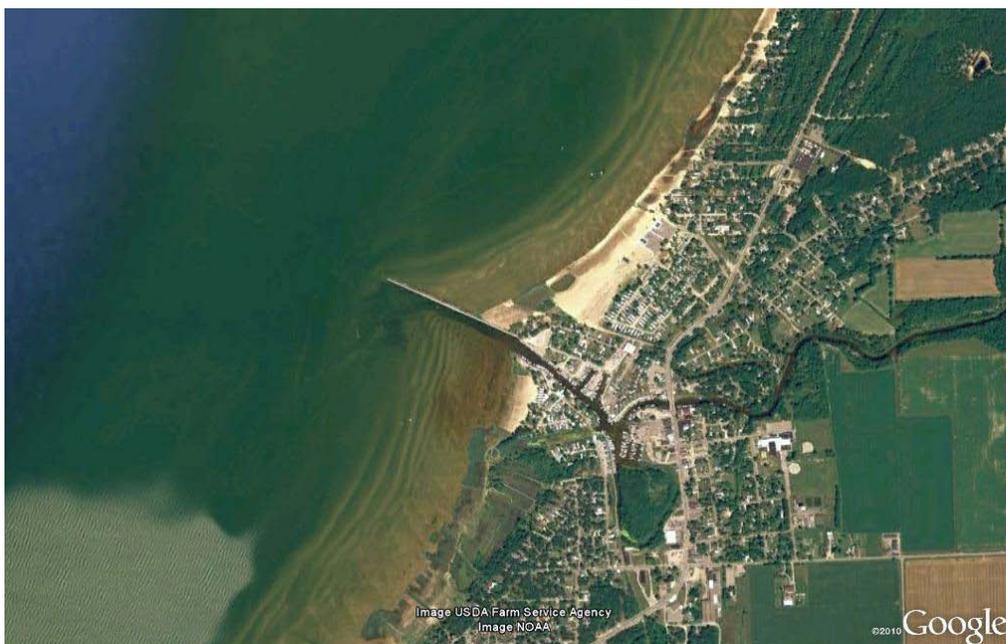
Traffic: No commerce reported.

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

Congressional Interest:

- Representative Candice S. Miller R-MI-10
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI

Current Condition Assessment: **B**



Date of Site Visit: 4 June 2010

Summary of Impact: Prevailing waves come from the north. North-northeast waves could overtop the existing breakwater and have an immediate impact on the Huron Yacht Club directly across the channel. The overtopping wave activity moving along the riverbank could also damage vessels moored at the club. Additionally, winds from the north-northwest direction could generate waves that would propagate up the Pigeon River and potentially impact numerous marinas and businesses along the river. Presently, there are four marinas on the Pigeon River that are partially protected, but could be exposed to greater wave heights under the right conditions. In both cases, an increased wave climate could result in damage to docked vessels and the docks themselves. Other shore structures that are potentially subject to inundation are the Harbor Light Condominiums and the Caseville Marina & Resort. In the event the Caseville Harbor structure is damaged and/or destroyed during a storm event, the only commercial property within the zone of influence of the Caseville Harbor structure that could be impacted is the Huron County Park. The Huron County Park is located ¼ mile east of the harbor.

Examples of Protected Infrastructure:



1. Huron Yacht Club: A Sailboat Club that is owned, operated, and maintained exclusively by its members. It is located on the Pigeon River immediately upstream of the Caseville Harbor structure. There is currently dockage available for 34 sailboats and can accommodate boats from 10 to 41 feet in length. The club also has a beach along its property on Saginaw Bay that is used during the summer for various water-related events.



2. Hoy's Saginaw Bay Marina: The marina is located on the Pigeon River in Caseville. It offers 10 transient slips at \$.50 per foot and has 300 seasonal slips. The marina also has a boat launch, a 12-ton hoist and dry rack storage. Other services offered at the marina include gas, a full line of fishing supplies, groceries, and restrooms. Two commercial fishing vessels from the Bay Port Fish Co. also operate and lease docks from the marina.



3. Caseville Municipal Harbor: The facility is located in downtown Caseville. It offers 67 transient slips from \$1 to \$1.50 per night and 33 seasonal slips from \$1,750, \$2,375 for a 30-foot well, and \$2,600 for a 50-foot well. 2 launch ramps at a daily rate of \$7 or \$70 seasonal pass are available. Services include restrooms/showers, electric, water; cable hookup, ice, laundry room, gas and diesel, pump-out, ship-to-shore radio, and Wi-Fi internet. The harbor is also home port to the Big Charity Island ferry boat which allows people the opportunity to take adventure cruises to Big Charity Island from May to September each year.



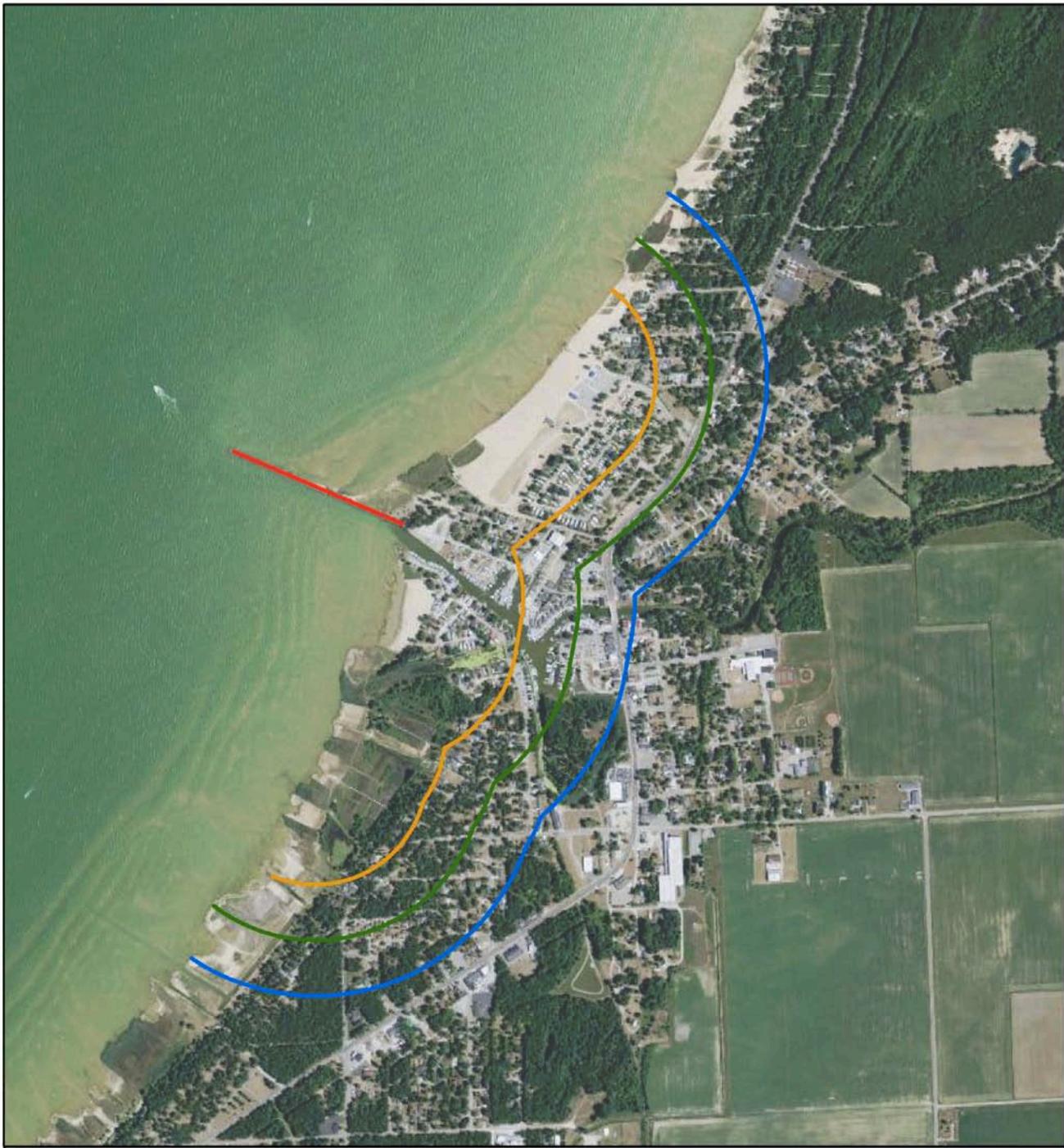
4. Caseville Marina & Resort: The resort is located on the Pigeon River, ½ mile from Saginaw Bay. The complex offers roughly 50 seasonal and transient boat slips. Seasonal slips are \$50 per foot while transient slips are \$2 per foot. The resort has a water hookup, electrical, cable, wireless internet access, restrooms, showers and full use of the clubhouse and heated outdoor pool. The resort also operates the Charter House Inn which offers suites overlooking the river.



5. Mariner's Cove Marina: Located in downtown Caseville, the marina offers 50 boat slips up to 50 feet in length with all electrical service and water. The complex also has 12 RV campsites with full hookups, picnic tables, cable television and high speed wireless internet.



Potential Impact Area: The following graphic displays property parcels that could be impacted within various zones defined by different setbacks from the shoreline behind the existing Federal coastal structures. Within 1,000 feet from the shoreline (1,000 ft buffer) the Huron Yacht Club, Hoy's Saginaw Bay Marina, Caseville Marina & Resort, and Mariner's Cove Marina would be affected. Caseville Municipal Harbor would be affected if failure reached the 1,500 ft buffer.



CASEVILLE HARBOR
Caseville, MI

0 1,000 2,000
Feet

Imagery Source- NAIP 2012

Legend:
Federal Structure (Red line)
Shoreline_1000_ft_buffer (Yellow line)
Shoreline_1500_ft_buffer (Green line)
Shoreline_2000_ft_buffer (Blue line)

Great Lakes Navigation

Created August 2012- by T. Crockett- Buffalo District