



Leland Harbor, MI

Harbor Features

- Located on the east shore of Lake Michigan at the mouth of the Carp River, about 40 miles north of Frankfort, MI and 40 miles southwest of Charlevoix, MI
- Authorization: Rivers & Harbors Acts of 30 Aug 1935, 23 Oct 1962
- Shallow draft recreational harbor
- Project depths: 12 feet in the approach channel, 6 feet in the inner channel, and 10 feet in the anchorage area
- Over 4 acres of maintained federal channel
- More than 1,200 feet of breakwaters and 470 feet of piers
- Dredged material is placed along the beach as beach nourishment
- Major stakeholders: U.S. Coast Guard, Leland Ferry Service, National Park Service, Leland Township, Michigan DNR, Leelanau County, and fishing vessels

Project Requirements

- Requires annual maintenance dredging of approximately 17,000 cubic yards.
- Maintenance dredging was completed in 2019 using FY18 funds. Approximately 10,000 cubic yards of material were removed.
- In an effort to minimize increasing dredging requirements, a 216 investigation study of possible modifications to the breakwater is needed.
- Maintenance dredging is currently required.
- Maintenance of navigation structures is currently required to include debris and vegetation removal and maintenance of safety features.
- Breakwater safety maintenance is currently required.

Consequences of Not Maintaining the Project

- Loss of local jobs and impact to local restaurants and shops
- Loss of commercial, tribal, and charter fishing in the area



- Loss of only harbor of refuge for an 80 mile stretch of Lake Michigan
- Impact to ferry service to North and South Manitou Islands

Transportation Importance

- This project serves as an important harbor of refuge and supports commercial, tribal, and charter fishing.
- The local community has established significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.
- Supports local ferry and National Park Service vessels that transport park personnel, materials, and the general public to North and South Manitou Islands.
- Critical harbor of refuge on Lake Michigan; provides fueling/mooring for commercial and recreational vessels

**U.S. Army Corps of Engineers Fiscal Year (FY) 2020, 2021, and 2022
Leland Harbor, MI - Project Requirements and President's Budget (\$1,000)**

| Work Package | FY20 Requirement | FY20 Appropriation | FY21 Requirement | FY21 Appropriation | FY22 Requirement | FY22 President's Budget |
|---|-------------------------|---------------------------|-------------------------|---------------------------|-------------------------|--------------------------------|
| Maintenance Dredging – Primary Work Package | 405 | 0 | 500 | 0 | 750 | 0 |
| Maintenance of Navigation Structure | 0 | 0 | 0 | 0 | 100 | 0 |
| Critical Breakwater Safety Maintenance | 0 | 0 | 0 | 0 | 50 | 0 |
| 216 Study - Breakwater | 200 | 0 | 20 | 0 | 20 | 0 |
| Real Estate Management | 0 | 0 | 3 | 0 | 3 | 0 |
| TOTAL | 605 | 0 | 523 | 0 | 923 | 0 |

Congressional Interests

- Representative Jack Bergman R-MI-1
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI