



## 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 breakwater and 470 feet of pier
- Dredged material is placed along the beach as beach nourishment
- Major stakeholders: U.S. Coast Guard, Manitou Island Transit, National Park Service, Leland Township, Michigan DNR, Leelanau County, and fishing vessels

### Project Requirements

- Requires annual maintenance dredging of approximately 17,000 cubic yards. Dredging requirements vary relative to shoaling patterns, usage, placement site and environmental coordination efforts.
- Maintenance dredging was completed in 2019 using FY18 funds. Approximately 10,000 cubic yards of material were removed.
- To minimize increasing dredging requirements, a Section 216 assessment was initiated with FY23 funding to determine if changed conditions exist and warrant structure modification.
- Maintenance dredging is funded in FY23.
- Critical structure 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) 2022, 2023, and 2024  
Leland Harbor, MI – Project Requirements and President’s Budget (\$1,000)**

<b>Work Package</b>	<b>FY22 Requirement</b>	<b>FY22 Appropriation</b>	<b>FY23 Requirement</b>	<b>FY23 Appropriation</b>	<b>FY24 Requirement</b>	<b>FY24 President’s Budget</b>
Maintenance Dredging	750	0	1,000	1,000	770	0
Critical Structure Safety Maintenance	0	0	25	0	50	0
Section 216 Initial Appraisal	20	0	20	20	0	0
Navigation Structure Maintenance	0	0	0	0	150	0
Real Estate Management	4	0	2	2	4	0
<b>TOTAL</b>	<b>774</b>	<b>0</b>	<b>1,047</b>	<b>1,022</b>	<b>974</b>	<b>0</b>

**Congressional Interests**

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