



US Army Corps  
of Engineers ®



## Holland Harbor, MI

### Harbor Features

- Located on the east shore of Lake Michigan 95 miles northeast of Chicago, IL and 23 miles south of Grand Haven, MI
- Authorization: Rivers & Harbors Acts of 30 Aug 1852, 2 Mar 1867, 3 Mar 1899, 3 Mar 1905, 3 Jul 1930, 30 Aug 1935, 3 Sep 1954
- Deep draft commercial harbor
- Project depths: 23 feet in the entrance, 21 feet in inner channel and Lake Macatawa
- 483K tons of material shipped and received in 2019
- Over 5,500 feet of structures including breakwaters, piers, and revetments
- Over 6.5 miles of maintained channel
- Outer harbor dredged material is used for beach nourishment.
- The city of Holland operates the Lakewood Road dredged material placement site which enables recycling of material dredged from the inner harbor and Lake Macatawa.
- Major stakeholders: U.S. Coast Guard, Brewer's City Dock Inc., Padnos Iron and Metal, and Verplank Trucking

### Project Requirements

- Approximately 35,000 cubic yards of material must be dredged from the outer harbor annually. Approximately 45,000 to 65,000 cubic yards of material must be dredged from the Lake Macatawa channel on a 2 to 4 year cycle.
- Maintenance dredging of the inner and outer harbor is currently required.
- Beach nourishment is currently required.
- Repairs to the north revetment are currently required.
- FY21 Work Plan provided funding for maintenance dredging of inner and outer harbor.



### Consequences of Not Maintaining the Project

- If the harbor were closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by nearly 3M lbs of harmful particulate matter (PM-10) and increase costs by \$600K due to increased railroad related accidents, and \$900K due to increased trucking related accidents.
- Light loading; loss of between 4 and 5 feet of channel depth results in increased transportation costs of between \$1.1M and \$1.6M annually.

### Transportation Importance

- Regional receiving port on the Great Lakes and harbor of refuge
- Commodities received include limestone, scrap metals, sand, gravel, and stone.
- Waterborne transportation facilitated by the harbor supports \$8.8M in business revenue, 37 direct, indirect, and induced jobs, and \$2.5M in labor income to the transportation sector.
- Commodities handled by the harbor support \$21.5M in business revenue, 128 direct, indirect, and induced jobs, and \$6.5M in labor income.
- U.S. Coast Guard Station Holland resides within the harbor.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2019, 2020, and 2021  
Holland Harbor, MI - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY19 Requirement</b>	<b>FY19 Appropriation</b>	<b>FY20 Requirement</b>	<b>FY20 Appropriation</b>	<b>FY21 Requirement</b>	<b>FY21 Appropriation</b>
Maintenance Dredging of Outer Harbor – Primary Work Package	600	600	700	700	800	800
Maintenance Dredging of Inner Harbor – Primary Work Package	0	0	0	0	830	830
Engineering & Design- North Revetment Repairs	0	0	0	0	750	0
Beach Nourishment	0	0	500	0	500	0
Real Estate Management	0	0	16	0	16	16
<b>TOTAL</b>	<b>600</b>	<b>600</b>	<b>1,216</b>	<b>700</b>	<b>2,896</b>	<b>1,646</b>

**Congressional Interests**

- Representative Bill Huizinga R-MI-2
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI