



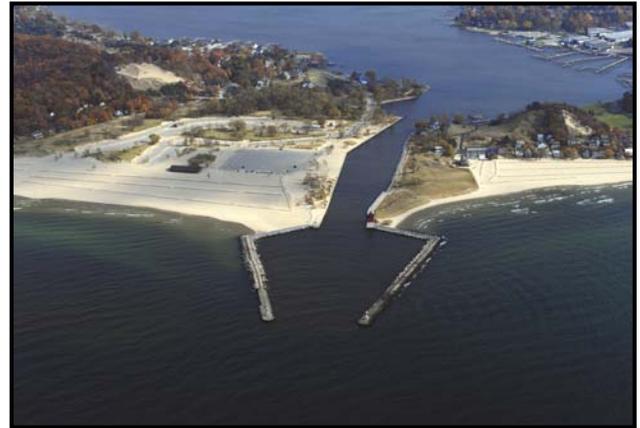
Holland Harbor, MI

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: River & Harbor 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 of 23 feet in the entrance; 21 feet in inner channel and Lake Macatawa.
- Ranked among top 75 Great Lakes Harbors with 432,000 tons of material shipped or received in 2008.
- 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 Lakewood Road dredged material placement site enables recycling of material dredged from the inner harbor and Lake Macatawa.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Verplank Trucking, Padnos Iron and Metal, Holland Public Works, and Brewers Dock.

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. The inner harbor and the outer harbor were dredged in 2010 and 2011 respectively.
- Maintenance dredging was funded by an allocation from the National Provision in the FY12 Consolidated Appropriation Bill; maintenance dredging is required in 2013.
- USACE received funding for Holland Harbor to provide assistance to local sponsors under the Low Use Navigation Pilot Program with efforts that will lead to non-Federally funded dredging of the navigation channel.



- The Lakewood Road dredged material placement site requires periodic maintenance to continue to provide capacity.

Consequences of Not Maintaining the Project

- Bulk commodities that pass through the harbor generate \$15M annually in direct revenue while supporting over 100 jobs and generating nearly \$5M per year in personal income.
- If the harbor was closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by over 21,000 tons of harmful particulate matter (PM-10) and increase costs by \$38,000 due to increased railroad related accidents, and \$5.3M 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 \$660,000 and \$1M annually.

Transportation Importance

- Major regional receiving port on the Great Lakes and Harbor of Refuge
- Commodities received include limestone, coal, scrap metals, sand, and gravel.
- U.S Coast Guard Station Holland resides within the harbor.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2011, 2012 and 2013
Holland Harbor, MI - Project Requirements and President's Budget (\$1,000)**

Work Package	FY11 Requirement	FY11 Work Plan	FY12 Requirement	FY12 Appropriation	FY13 Requirement	FY13 President's Budget
Project Condition Surveys	145	143	149		147	147
Maintenance Dredging of Outer Harbor – Primary Work Package	500	494	525	585*	511	511
Maintenance Dredging of Inner Harbor – Primary Work Package			1,515		1,500	
Maintenance Dredging – Backlog Work Package	456		456		456	
Structural Repairs – by Govt. Floating Plant	180		360			
Sediment Budget Analysis – Section 111	150		150		150	
CDF Fill Management Activities	375		375			
Breakwater Repairs by Contract					360	
Other Business Lines:						
Recreation	10	10	10	10	10	10
TOTALS	1,816	647	3,540	595	3,134	668

*Provided by National Provision in the FY12 Consolidated Appropriation Bill

Congressional Interests

- Representative Bill Huizenga R-MI-2
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI