



Menominee Harbor, MI and WI

Harbor Features

- Located on Lake Michigan at the mouth of the Menominee River on the western shore of Green Bay, 16 miles northwest of the mouth of Sturgeon Bay and 49 miles northeast of Green Bay Harbor, about 155 miles from Milwaukee via Sturgeon Bay Harbor and the Lake Michigan Ship Canal
- Authorization: Rivers & Harbors Act of 3 Mar 1871, with modifications in ensuing years
- Deep draft commercial harbor
- Project depth is 26 feet in the entrance channel, 12 feet to 24 feet in the Menominee River, and the 21 feet at the turning basin.
- 171K tons of material shipped and received in 2019
- Over 3,300 feet of concrete breakwater structures
- Over 10,000 feet of maintained channel
- Major stakeholders: U.S. Coast Guard, K&K Warehousing, Marinette Fuel & Dock Co., Fincantieri Marinette Marine (FMM), Menominee Paper Co., and Nestegg Marine

Project Requirements

- Approximately 25,000 to 50,000 cubic yards of material must be dredged from the channel on a 5 to 10 year cycle.
- The harbor was last dredged in 2014, when approximately 21,400 cubic yards of material was removed.
- Maintenance dredging is not currently required, though some shoaling is occurring at the peripherals of the federal channel.
- USACE last inspected the pier October 2020.
- Engineering and design of navigation structure repairs is required.



Consequences of Not Maintaining the Project

- Significant loss of jobs locally
- 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 over 1.4M lbs of harmful particulate matter (PM-10) and increase costs by \$310K due to increased railroad related accidents, and \$207K due to increased trucking related accidents.
- Light loading; loss of channel depth results in a decrease of commodities traveling through the channel

Transportation Importance

- Several businesses on the harbor rely on access to the federal channel.
- Significant receiving port on the Great Lakes for surrounding community
- Commodities received include coal, pig iron, pulp, and paper
- Critical harbor of refuge
- Waterborne transportation facilitated by the harbor supports significant revenue and supports many local jobs.

Defense Importance

- FMM has designed and built more than 1,500 world-class vessels, including vessels for the U.S. Coast Guard and U.S. Navy.
- FMM was awarded four Naval vessel contracts in FY20.
- FMM depends on channel for transporting vessels and received Section 408 permission to accommodate a vertical ship lift that would offset the alignment of the federal channel.

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

Work Package	FY20 Requirement	FY20 Appropriation	FY21 Requirement	FY21 Appropriation	FY22 Requirement	FY22 President's Budget
Navigation Structure Repairs – Engineering and Design	0	0	0	0	150	0
Real Estate Management	0	0	5	5	5	5
TOTAL	0	0	5	5	155	5

Congressional Interests

- Representative Mike Gallagher R-WI-8
- Representative Jack Bergman R-MI-1
- Senator Ron Johnson R-WI
- Senator Tammy Baldwin D-WI
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI