



US Army Corps
of Engineers ®



Fairport Harbor, OH

Harbor Features

- Located on Lake Erie in the Village of Fairport Harbor, Lake County, OH
- Authorization: Rivers & Harbor Acts of 1896, 1905, 1919, 1927, 1930, 1935, 1937, and 1946
- Deep draft commercial harbor
- Project depths are 25 feet in the entrance and outer harbor, 24 feet in the lower river, 21 feet in the upper river, and 18 feet in the turning basin.
- 1.9M tons of material shipped and received in 2019
- Ranked 126th among U.S ports and 26th among Great Lakes harbors in 2019
- Interconnected with 13 commercial ports: ships to 6 ports and receives from 7 ports
- Over 2.2 miles of breakwater structures
- 360-acre outer harbor and 1.5 miles of federal channel on the Grand River
- Major stakeholders: the Fairport Harbor Port Authority, U.S. Coast Guard, private marinas, Carmuse Lime, Morton International, Northeastern Road Improvement Company, Osborne Concrete & Stone, R.W. Sidley Stone Products, and Union Sand.

Project Requirements

- The harbor requires approximately 150,000 cubic yards of dredging every 2 years to maintain the navigation channel. The harbor was last dredged in 2019, when approximately 181,000 cubic yards of material were removed. Maintenance dredging planned for 2021 was delayed and will be completed in 2022 if facilities are available to accept the material
- Deteriorated sections of the West Arrowhead Breakwater require repairs. Incremental repairs were completed in 2020 by the government floating plant. Additional repairs are planned for 2022.



- Economic and environmental evaluation of dredged material placement alternatives for the harbor is required to ensure placement capacity for future maintenance dredging.

Consequences of Not Maintaining the Project

- Light loading: losses of between 1 and 2 feet of channel depth would result in increased transportation costs of between \$537,000 and \$1,184,000 annually.
- Closing the harbor to commercial traffic requires commodities transported by rail and truck. This may increase annual emission rates by 14,072 tons of harmful particulate matter (PM-10) and increase costs by an estimated \$3,150,000 due to increased railroad-related accidents and an estimated \$2,105,000 due to increased trucking-related accidents.

Transportation Importance

- Major receiving and shipping port on the Great Lakes and a critical harbor of refuge.
- Commodities shipped or received include limestone, salt, sand and gravel, and clay.
- Waterborne transportation facilitated by the harbor supports \$71.8M in business revenue,

315 direct, indirect, and induced jobs, and \$24.2M in labor income to the transportation sector.

- Commodities handled by the harbor support \$371.2M in business revenue, 1,933 direct, indirect, and induced jobs, and \$103M in labor income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2021, 2022, and 2023
Fairport Harbor, OH — Project Requirements and President’s Budget (\$000)**

Work Package	FY21 Requirement	FY21 Appropriation	FY22 Requirement	FY22 Appropriation	FY23 Requirement	FY23 President’s Budget
Maintenance Dredging – Primary Work Package	1,413	1,413	1,187	1,198	1,187	1,187
Additional dredged material placement costs to comply with State of Ohio water quality certification conditions	1,223	0	1,151	1,025	1,151	1,151
Real Estate Management	7	7	7	7	8	8
Critical Maintenance of Navigation Structures and Obstruction Removal: West Arrowhead Breakwater	0	0	1,200	1,200	0	0
Dredged Material Management Plan	0	0	300	300	0	0
Economic and Environmental Evaluation	150	0	150	150	150	0
TOTAL	2,793	1,420	3,995	3880	2,496	2,346

Congressional Interests

- Representative David Joyce R-OH-14
- Senator Sherrod Brown D-OH
- Senator Rob Portman R-OH