



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.
- 1.5M tons of material shipped and received in 2020
- Ranked 26th among Great Lakes harbors in 2020
- 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 2022, when approximately 113,000 cubic yards of material was removed. Dredging is planned for 2023.



- Sections of the east and west breakwaters require repairs due to deterioration. Incremental repairs by government floating plant were completed in 2020 and 2022. Engineering and design for future government floating plant repairs is planned for 2023, and additional government floating plant repairs are planned for 2024.
- Economic and environmental evaluation of dredged material placement alternatives and development of dredged material management plan for the harbor were initiated in 2022. Work is required to ensure placement capacity for future maintenance dredging and will continue in 2023.

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) 2022, 2023, and 2024
Fairport Harbor, OH — Project Requirements and President’s Budget (\$1,000)**

Work Package	FY22 Requirement	FY22 Appropriation	FY23 Requirement	FY23 Appropriation	FY24 Requirement	FY24 President’s Budget
Maintenance Dredging – Primary Work Package	1,107	1,072	1,107	1,107	4,500	0
Sediment Sampling and Analysis	80	0	80	80	0	0
Additional dredged material placement costs to comply with State of Ohio water quality certification conditions	1,151	1,151	1,151	1,151	0	0
Real Estate Management	7	7	8	8	7	7
Critical Maintenance of Navigation Structures and Obstruction Removal	1,200	1,200	0	0	1,900	1,900
Engineering and Design, West Breakwater Repair	0	0	250	250	250	250
Economic and Environmental Evaluation	150	150	0	0	200	0
Dredged Material Management Plan	300	300	200	200	0	0
Critical Breakwater Safety Maintenance	0	0	0	0	50	0
TOTAL	3,995	3,880	2,796	2,796	6,907	2,157

Congressional Interests

- Representative David Joyce R-OH-14
- Senator Sherrod Brown D-OH
- Senator J. D. Vance R-OH