



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.
- 1.845M tons of material shipped and received in 2021.
- 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 2023, approximately 85,000 cubic yards of material was removed. Maintenance dredging is planned for 2024.



- East Breakwater is deteriorated and in need of repair. Engineering and design will start in 2024 and be completed in 2025. Subsequent incremental repairs to the by the government floating plant are planned to start after E&D is completed.
- 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 7,507 tons of harmful particulate matter (PM-10) and increase costs by an estimated \$3,869,000 due to increased railroad-related accidents and an estimated \$2,748,000 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 \$50.9M in business revenue, 185 direct, indirect, and induced jobs, and \$15.5M in labor income to the transportation sector.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2023, 2024, and 2025
Fairport Harbor, OH — Project Requirements and President’s Budget (\$1,000)**

Work Package	FY23 Requirement	FY23 Appropriation	FY24 Requirement	FY24 Appropriation	FY25 Requirement	FY25 Appropriation
Maintenance Dredging – Primary Work Package	1,107	1,330	4,500	4,500*	1,773	1,773
Sediment Sampling and Analysis	80	80	0	0	80	80
Additional dredged material placement costs to comply with State of Ohio water quality certification conditions	2,901	1,151	0	0	3,659	3,659
Real Estate Management	8	8	7	7	9	9
Critical Maintenance of Navigation Structures and Obstruction Removal	0	0	1,900	1,900	0	0
Engineering and Design, West Breakwater Repair	250	250*	250	250	0	0
Engineering and Design East Breakwater Repair	0	0	500	500	500	0
Economic and Environmental Evaluation	0	0	0	0	0	0
Dredged Material Management Plan	200	200*	200	200	100	100
Critical Breakwater Safety Maintenance	0	0	50	0	50	0
TOTAL	\$4,546	\$3,019	\$7,407	\$7,357	\$6,171	\$5,621

**Congressionally Directed Spending*

Congressional Interests

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