



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 126<sup>th</sup> among U.S ports and 26<sup>th</sup> 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 is planned for 2022.
- 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.



### 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 \$538,000 and \$1,239,000 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, sand, gravel, and salt.
- 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.

**Transportation Importance (cont'd)**

- 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) 2020, 2021, and 2022  
Fairport Harbor, OH — Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY20 Requirement</b>	<b>FY20 Appropriation</b>	<b>FY21 Requirement</b>	<b>FY21 Appropriation</b>	<b>FY22 Requirement</b>	<b>FY22 President's Budget</b>
Maintenance Dredging – Primary Work Package	0	0	1,413	1,413	1,187	1,187
Additional Dredged Material Placement Costs to Comply with State of Ohio Water Quality Certification Conditions	0	0	1,223	0	1,151	1,036
Real Estate Management	8	8	7	7	7	7
Critical Maintenance of Navigation Structures and Obstruction Removal: West Arrowhead Breakwater	1,122	1,122	0	0	3,000	1,200
Dredged Material Management Plan	150	150	0	0	0	0
Economic and Environmental Evaluation	0	0	150	0	150	150
<b>TOTAL</b>	<b>1,280</b>	<b>1,280</b>	<b>2,793</b>	<b>1,420</b>	<b>5,495</b>	<b>3,580</b>

**Congressional Interests**

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