



US Army Corps  
of Engineers®



## Fairport Harbor, OH

### Harbor Features

- Located on Lake Erie in the city of Fairport, Lake County, Ohio
- Authorization: River & Harbor Acts of 1825, 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
- 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 include 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

- Approximately 150,000 cubic yards (CY) of material must be dredged every 1-2 years. The harbor was last dredged in 2015 when approximately 192,000 CY of material was removed. Dredging is scheduled for FY16.



- Damage/deterioration to the East Breakwater was observed following Superstorm Sandy. Sandy supplemental funded repairs to storm damaged sections are scheduled to be completed in 2016
- The eastern 4,000 feet of the East Breakwater is largely submerged and presents a potential hazard to navigation. The structure was last evaluated in 1979 and additional lighting was recommended to mitigate the hazard. A reevaluation is needed to determine if additional mitigation is required

### Consequences of Not Maintaining the Project

- Reduction of bulk commodities that pass through the harbor and generate \$161M annually in business revenue while supporting 897 direct, indirect, and induced jobs that produce over \$40.1M per year in personal income in the transportation and commodity related industries
- Light loading; losses of between 1 and 2 feet of channel depth would result in increased transportation costs of between \$658,000 and \$1,478,000 annually

**Consequences of Not Maintaining the Project**

➤ If the harbor was closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by 92,825 tons of harmful particulate matter (PM-10) and increase costs by \$594,000 due to increased

railroad related accidents, and \$3,885,000 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, aggregates, ores and minerals

**U.S. Army Corps of Engineers Fiscal Year (FY) 2015, 2016 and 2017  
 Fairport Harbor, Ohio - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 Appropriation</b>	<b>FY17 Requirement</b>	<b>FY17 President's Budget</b>
Sediment Sampling & Analysis			90	90		
Maintenance Dredging – Primary	1,215	1,215	1,200	1,200	1,700	1,700
Evaluate East Breakwater (Eastern 4,000')	100		100	100		
E&D/Construction, Addition of Safety Ladders to E. Pier						
Sandy Supplemental East Breakwater Repair	10,100*	10,100*				
<b>TOTALS</b>	<b>11,415</b>	<b>11,315</b>	<b>1,390</b>	<b>1,390</b>	<b>1,700</b>	<b>1,700</b>

\*Funds allocated through Public Law 113-2 Disaster Relief Appropriations Act, 2013

**Congressional Interests**

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