



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.
- Authorized depths are 25 feet in the Outer Harbor and 21-24 feet in the river.
- 112th leading U.S. port with 2,400,000 tons of material shipped or received in 2006.
- Fairport Harbor is ranked 27th among the Great Lakes 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, Carmuse Lime, Morton International, Incorporated, Northeastern Road Improvement Company, Osborne Concrete & Stone, and Sidley Stone Products.

Project Needs

- The 925 feet of East breakwater starting at the harbor's entrance is in particularly poor structural condition. Repairs will be required.
- The easternmost 2,000 feet of the East breakwater is completely deteriorated to the point where the entire structure has settled below the water surface.
- Approximately 120,000 cubic yards (CY) of material must be dredged every 1-2 years. The harbor was last dredged in 2005 when approximately 90,000 CY of material was removed. Dredging is scheduled for FY08.
- The current sediment backlog within the functional harbor areas is estimated at approximately 363,000 CY.
- Major FY10 needs include backlog dredging, repairs to the east and west arrowhead breakwaters, and the addition of safety ladders to the east pier.



Consequences of Not Maintaining the Project

- Failure to dredge will result in continued shoaling and reduced channel dimensions; resulting in light loading, increased transportation costs and unsafe navigation conditions.
- Light loading; losses of between 2 and 3 feet of channel depth would result in increased transportation costs of between \$868,000 and \$1,500,000 annually.
- The current critical shoal depth within the harbor is approximately 6 feet and this resulted in estimated additional transportation costs of \$4,972,902 in 2007.
- Inadequate channel depths have resulted in grounding of commercial vessels within the federal project during FY07.
- Failure to repair the east and west arrowhead breakwaters will result in the continued degradation and eventual failure of these structures, increased future maintenance costs and unsafe navigation conditions with the harbor leading to vessel delays and potential damage to shoreline structures.
- Failure to add safety ladders to the east pier will perpetuate the existing safety hazard.
- Significant loss of jobs both locally and regionally.

Transportation Importance

- Major receiving and shipping port on the Great Lakes.
- Commodities shipped or received include limestone, aggregates, ores and minerals.

- Bulk commodities that pass through Fairport Harbor generate approximately \$33.3M annually in direct revenue which supports over 467 jobs.
- These jobs generate over \$17.3M per year in personal income.

U.S. Army Corps of Engineers Fiscal Year (FY) 2008, 2009 and 2010 Fairport Harbor, Ohio Project Needs and President's Budget (\$1,000)

Work Package	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget	FY10 Need	FY10 President's Budget*
Project Conditions Survey			26	26	45	
Structure Repair – East Breakwater (F/P)	1,515					
Maintenance Dredging – Primary Work Package	1,775		2,000	2,000		
Maintenance Dredging – Backlog Work Package					1,015	
E&D and Construction, Addition of Safety Ladders to East Pier			100		120	
Structure Repair – East Arrowhead Breakwater (F/P)			590		610	
Structure Repair – West Arrowhead Breakwater (F/P)					620	
Snagging & Clearing (F/P)					40	
Evaluate East Breakwater (Eastern 4,000')			100		100	
TOTALS	3,290	0	2,816	2,026	2,550	

*FY10 President's Budget will be available in February 2009

Congressional Interests

- Representative Steven LaTourette R-OH-14
- Senator George Voinovich R-OH
- Senator Sherrod Brown D-OH