



Two Harbors, MN

Harbor Features

- Located on the north shore of Lake Superior, 27 miles northeast of Duluth, MN.
- Authorization: River & Harbor Acts of 5 Aug 1885, 30 Aug 1935, 7 Nov 1945, 14 Jul 1960
- Deep draft commercial harbor
- Project depths of 28 and 30 feet
- 46th leading U.S. port with 13.4M tons of material shipped or received in 2008
- Ranked 4th among the Great Lakes Harbors in 2008
- Approximately 2,500 feet of maintained Federal channel
- More than 2,500 feet of maintained breakwaters
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, US Steel, and Canadian National.

Project Requirements

- Requires periodic maintenance dredging on an infrequent basis. The harbor was last dredged in 1976.
- East breakwater requires repairs to the concrete, ice plates, joints, and handrails.
- Navigation structures are primarily maintained by Government floating plant; Stone along west breakwater must be replaced to maintain functionality of the structure.



Consequences of Not Maintaining the Project

- Bulk commodities that pass through the harbor generate \$775M annually in direct revenue while supporting over 3,000 jobs and generating \$139M per year in personal income.
- 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 over 164,400 tons of harmful particulate matter (PM-10) and increase costs by \$7.9M due to increased railroad related accidents.
- Light loading; loss of between 2 and 3 feet of channel depth results in increased transportation costs of between \$6.2M and \$10.5M annually.
- Failure of the breakwater structure protecting many docks and wharfs

Transportation Importance

- Major shipping port on the Great Lakes
- Serves as a Harbor of Refuge
- Commodities include mostly iron ore

**U.S. Army Corps of Engineers Fiscal Year (FY) 2011, 2012 and 2013
Two Harbors, MN - Project Requirements and President's Budget (\$1,000)**

Work Package	FY11 Requirement	FY11 Work Plan	FY12 Requirement	FY12 Appropriation	FY13 Requirement	FY13 President's Budget
Project Condition Surveys	33					
Maintenance Dredging – Primary Work Package						
Maintenance Dredging – Backlog Work Package						
Structural Repair – by Govt. Floating Plant			405		397	350
Design East Breakwater Repair	175		175		180	
TOTALS	208	0	580	0	577	350

Congressional Interests

- Representative Chip Cravaack R-MN-8
- Senator Amy Klobuchar D-MN
- Senator Al Franken D-MN