



US Army Corps
of Engineers ®



Two Harbors, MN

Harbor Features

- Located on the north shore of Lake Superior, 27 miles northeast of Duluth, MN
- Authorization: Rivers & Harbors Acts of 5 Aug 1885, 30 Aug 1935, 7 Nov 1945, 14 Jul 1960
- Deep draft commercial harbor
- Project depth is 30 feet in the entrance channel and 28 feet at the upstream end of channel
- 17.2M tons of material shipped and received in 2018
- Ranked 2nd in tonnage among Great Lakes harbors and 36th among U.S. ports in 2018
- Approximately 2,500 feet of maintained federal channel and more than 2,500 feet of maintained breakwaters
- Major stakeholders include U.S. Coast Guard, Canadian National, Minnesota DNR, city of Two Harbors, and multiple commercial fishermen.

Project Requirements

- Requires maintenance dredging on an infrequent basis; dredging not currently required
- The harbor was last dredged in 1976.
- East breakwater requires repairs to the concrete, ice plates, joints, and handrails; funding was received in the FY18 workplan
- Navigation structures are primarily maintained by the government floating plant
- Maintenance of structure is required; additional armor stone and rip rap is needed.
- Critical maintenance breakwater repairs are required.



Consequences of Not Maintaining the Project

- Reduction of bulk commodities that pass through the harbor that generates \$11.8B annually in business revenue while supporting 60,795 direct, indirect, and induced jobs that produce over \$290M per year in personal income in transportation and commodity related industries
- If the harbor were closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by over 130M lbs of harmful particulate matter (PM-10) and increase costs by \$24.3M due to increased railroad related accidents and \$39.3M due to increased truck related accidents.
- Light loading; loss of between 2 and 3 feet of channel depth results in increased transportation costs of between \$7.3M and \$14.6M annually
- Failure of the breakwater structure protecting many docks and wharfs

Transportation Importance

- Major shipping port on the Great Lakes
- Two Harbors is an important harbor of refuge.
- Commodities include mostly iron ore.
- Minnesota DNR invested \$1M into rebuilding the boat launch in 2012, which attracts nearly 100 boats every weekend during the boating season.
- One of the major recreational boat accesses on northern Lake Superior
- Recreational small craft harbor is in design stage for the area; this will serve as a key component of Minnesota DNR Harbor System on Lake Superior
- Waterborne transportation facilitated by the harbor supports \$365.9M in business revenue, 1,574 direct, indirect, and induced jobs, and \$104.3M in labor income to the transportation sector.
- Commodities handled by the harbor support \$23.8B in business revenue, 123,893 direct, indirect, and induced jobs, and \$6.6B in labor income.
- Increased risk of full structure breach which could block navigation and create unsafe navigation conditions and vessel delays in a high-use commercial harbor
- Increased risk of damages to private marine structures, docks, wharves, boat houses, moored vessels, and boat landings

**U.S. Army Corps of Engineers Fiscal Year (FY) 2019, 2020, and 2021
Two Harbors, MN - Project Requirements and President's Budget (\$1,000)**

Work Package	FY19 Requirement	FY19 Appropriation	FY20 Requirement	FY20 Appropriation	FY21 Requirement	FY21 President's Budget
Government Fleet Repairs to repair concrete cap joints and ice plates	0	0	1,000	1,000	0	0
E&D for East Breakwater Repair	250	0	250	0	250	0
Critical Breakwater Safety Maintenance	0	0	0	0	25	0
Breakwater maintenance by Gov't Floating Plant	0	0	0	0	300	0
Real Estate Management	0	0	0	0	16	16
TOTAL	250	0	1,250	1,000	591	16

Congressional Interests

- Representative Pete Stauber R-MN-8
- Senator Amy Klobuchar D-MN
- Senator Tina Smith D-MN