



Alpena Harbor, MI

Harbor Features

- Located at the mouth of Thunder Bay River, which empties into Thunder Bay, Lake Huron.
- Authorization: River & Harbor Acts of 19 Sep 1890, 2 Mar 1919, 22 Sep 1922, 30 Aug 1935, 27 Oct 1965
- Deep draft commercial harbor
- Project depths – 25 feet from deep water in Thunder Bay to a point 300 feet lake-ward of the Alpena Light; then 24 feet to 700 feet upstream from the light; 23 feet to the Second Avenue Bridge; then 18.5 feet to the upper limit of the Federal project
- Five year average (2006-2010) tonnage is 2.9M tons of material shipped and received
- Ranked 25th among the Great Lakes Harbors based on five year average (2006-2010) tonnage
- 101st leading U.S. port in 2010
- Approximately 700 feet of breakwater structures
- Approximately 12,000 feet of maintained channel
- Dredged material is placed in upland placement sites as needed.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Lafarge Corporation North America, Alpena Oil, Seaway Marine Transport, Decorative Panels International (DPI), and Everett Goodrich Trucking.

Project Requirements

- Approximately 30,000 cubic yards of material must be dredged on a 5 to 10 year cycle; the harbor was last dredged in 2007.
- Maintenance dredging is currently required.
- Navigation structures are primarily maintained by Government floating plant.



Consequences of Not Maintaining the Project

- Reduction of bulk commodities that pass through the harbor that generate \$33M annually in direct revenue while supporting 2,200 direct, indirect, and induced jobs that produce over \$145M per year in personal income.
- If the harbor was closed to commercial traffic, commodities would have to be transported by rail. This would increase annual emissions rates by 15,000 lbs of harmful particulate matter (PM-10) and increase costs by \$49,000 due to increased railroad related accidents.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$168,000 and \$407,000 annually.

Transportation Importance

- U.S. Coast Guard Station Alpena is located in the harbor.
- Regionally significant receiving and shipping port on the Great Lakes
- Harbor of Refuge
- Commodities include cement, coal and petroleum products, sand, gravel, salt and limestone. The harbor receives large shipments of salt to supply many local municipalities for road deicing.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2012, 2013 and 2014
Alpena Harbor, MI - Project Requirements and President's Budget (\$1,000)**

Work Package	FY12 Requirement	FY12 Appropriation	FY13 Requirement	FY13 President's Budget	FY14 Requirement	FY14 President's Budget
Project Condition Surveys	47		50		50	
Breakwater Repair – by Gov. Floating Plant	320					
Maintenance Dredging – Primary Work Package			800		800	
Maintenance Dredging – Backlog Work Package	850		900		900	
TOTALS	1,217	0	1,750	0	1,750	0

Congressional Interests

- Representative Dan Benishek R-MI-1
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI