



US Army Corps
of Engineers®



Alpena Harbor, MI

Harbor Features

- Located at the mouth of the Thunder Bay River which empties into the Thunder Bay, Lake Huron.
- Deep draft commercial harbor.
- Controlling depths – 25’ from deep water in Thunder Bay to a point 300’ lakeward of the Alpena Light; then 24’ to 700’ upstream from the light; 23’ deep to the Second Avenue Bridge; then 18.5’ deep to the upper limit of the Federal project.
- 97th leading U.S. port with 3.3M tons of material shipped or received in 2004.
- Ranked in the top 25 among the Great Lakes Harbors.
- Approximately 700 feet of breakwater structures.
- Approximately 12,000 feet of maintained channel.
- Dredged material is placed in upland disposal sites as needed.
- Major stakeholders include U.S. Coast Guard, Lake Carriers Association, LaFarge Corporation, Alpena Oil, Seaway Marine Transport, DPI, Everett Goodrich Trucking.

Project Needs

- Although dredged infrequently, there is a critical current requirement for a cycle of dredging as vessels operators have been forced to cancel trips as a result of shoaling at the harbor entrance.
- Rubblemound breakwater is in excellent condition as a result of the maintenance



program completed in FY01, but still requires annual inspections.

Consequences of Not Maintaining the Project

- Significant loss of jobs both locally and regionally.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$570,000 and \$1,600,000 annually.

Transportation Importance

- Locally Significant receiving and shipping port on the Great Lakes.
- Commodities include cement, coal and petroleum products, sand, salt and limestone.
- The harbor receives many tons of salt annually, which is mainly used by local municipalities for road deicing.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007 and 2008
Alpena Harbor, MI Project Needs and President's Budget**

Work Package	FY07 Need	FY07 Budget	Δ	FY08 Need	FY08 Budget*
Operations	37	37			
CDF's					
Maintenance Dredging	392	392			
Structures					
Environmental Activities					
TOTALS	429	429	0	0	

* FY08 President's Budget will not be available until February 2007