



## 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 lakeward 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
- 2.17M tons of material shipped and received in 2014
- Approximately 700 feet of breakwater structures
- Approximately 12,000 feet of maintained channel
- Dredged material is typically placed in upland placement sites as needed.
- Major stakeholders include U.S. Coast Guard, Decorative Panels International (DPI), Everett Goodrich Trucking, Lafarge Corporation North America, Alpena Oil, and Seaway Marine Transport.

### 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.
- There are plans to dredge the harbor in 2016.
- Navigation structures are primarily maintained by the government floating plant.

### Consequences of Not Maintaining the Project

- Reduction of bulk commodities that pass through the harbor that generate \$11.1B annually in business revenue while supporting 66,862 direct, indirect, and induced jobs that produce over \$678M 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. 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 \$333K and \$1.10M 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) 2015, 2016 and 2017  
Alpena Harbor, MI - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 Appropriation</b>	<b>FY17 Requirement</b>	<b>FY17 President's Budget</b>
Maintenance Dredging – Primary Work Package	850		850	850		
<b>TOTAL</b>	<b>850</b>	<b>0</b>	<b>850</b>	<b>850</b>	<b>0</b>	<b>0</b>

**Congressional Interests**

- Representative Dan Benishek R-MI-1
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI