



US Army Corps
of Engineers®



Duluth-Superior Harbor, MN & WI

Harbor Features

- Located at the western end of Lake Superior.
- Authorization: River and Harbor Act of 3 Jun 1896.
- Deep draft commercial harbor.
- Project depths of 28 to 32 feet in the entrance; 27 feet deep in the iron-ore route channels, and 20 to 23 feet in inner channels.
- 15th leading U.S. port with just under 47M tons of material shipped or received in 2006. Tonnage is almost equally split between Duluth and Superior Entries.
- Ranked 1st among the Great Lakes Harbors in 2006.
- Over 10,000 feet of structures including breakwaters, piers and revetments.
- Over 18 miles of maintained channel.
- The Erie Pier Confined Disposal Facility is located within the St. Louis Bay portion of the harbor.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Canadian National, BNSF, Midwest Energy, General Mills/Cargill, Lafarge North America, Marine Tech LLC, Murphy Oil, Cutler Magner, US Steel, Cleveland-Cliffs, and Hallet Dock.

Project Needs

- Approximately 100,000 cubic yards of material must be dredged each year; the harbor was last dredged in 2008.
- Navigation structures are primarily maintained by Government Floating Plant.
- A water filtration component needs to be installed in Erie Pier CDF to allow for direct release of water into the harbor.
- Superior Entry north concrete pier needs to be replaced.
- Duluth Entry needs concrete pier joint replacement.



- Superior Entry needs ice plate repairs.
- Actions and repairs are needed to ensure Erie Pier sustainability.
- The Vessel Yard needs concrete removal and replacement.

Consequences of Not Maintaining the Project

- Loss of about 1,200 direct and 800 indirect jobs.
- Light loading losses of between 1 and 2 feet of channel depth results in increased transportation costs of between \$3.2M and \$7.9M annually.
- The port has an annual \$210M economic impact.
- \$2 Billion worth of cargo is shipped via the Duluth-Superior docks annually.

Transportation Importance

- Major international receiving and shipping port on the Great Lakes.
- Commodities shipped or received include iron ore, limestone, coal, coke, forest products, petroleum, grain, general cargo, steel, and scrap iron.

August 2008

**U.S. Army Corps of Engineers Fiscal Year (FY) 2008, 2009 and 2010
Duluth-Superior Harbor, MN & WI
Project Needs and President's Budget (\$1,000)**

Work Package	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget	FY10 Need	FY10 Budget*
Project Condition Surveys	475	475	500	500	525	
Maintenance of Erie Pier CDF	250		130		130	
Maintenance Dredging – Primary Work Package	2,500	2,328	2,560	2,560	2,685	
Maintenance Dredging – Backlog Work Package			640		500	
Breakwater Repairs – by Govt. Floating Plant	900	700	1,450	1,450	1,625	
Duluth Entry Concrete Pier Joint Replacement			600		600	
Erie Pier Fill Management Activities			350		353	
Erie Pier Water Filter Design			50		50	
DMMP			150		150	
Corrosion Study					300	
Other Business Lines:						
Recreation	525	525	522	419	648	
TOTALS	4,650	4,028	6,952	4,929	7,566	

*FY10 President's Budget will be available in February 2009.

Congressional Interests

- Representative James L. Oberstar DFL-MN-8
- Representative David R. Obey D-7
- Senator Norm Coleman R-MN
- Senator Russell Feingold D-WI
- Senator Amy Klobuchar R-MN
- Senator Herb Kohl D-WI

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