



US Army Corps  
of Engineers®



## Duluth-Superior Harbor, MN & WI

### Harbor Features

- Located at the extreme western end of Lake Superior.
- Deep draft commercial harbor.
- Controlling depths – 32 to 28 feet in the entrance; are 27 feet deep in the iron-ore route channels and 20 to 23 feet in inner channels.
- 18<sup>th</sup> leading U.S. port with 45.4M tons of material shipped or received in 2004.
- Ranked 1<sup>st</sup> among the Great Lakes Harbors
- 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 Duluth-Superior Harbor.
- Major stakeholders include U.S. Coast Guard, Lake Carriers Association, Canadian National, BNSF, Midwest Energy, General Mills/Cargill, LaFarge, Murphy Oil, Seaway Port Authority, Cutler Magner, Hallet Dock.

### Project Needs

- Approximately 100,000 cubic yards of material must be dredged each year.
- Navigation structures are primarily maintained by Government floating plant.
- The existing CDF needs to be improved to allow for direct release of water into the harbor.

### 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 \$3,200,000 and \$8,000,000 annually.

### Transportation Importance

- Major receiving and shipping port on the Great Lakes.
- Commodities shipped or received include iron ore (taconite), coal, limestone, petroleum, and grain and general cargo, including steel and scrap iron.

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

<b>Work Package</b>	<b>FY07 Need</b>	<b>FY07 Budget</b>	<b>Δ</b>	<b>FY08 Need</b>	<b>FY08 Budget*</b>
Operations	1,322	1,322		475	
CDF's	125	125			
Maintenance Dredging	2,883	2,883		2,074	
Structures	963	560	403	700	
Environmental Activities					
<b>TOTALS</b>	<b>5,293</b>	<b>4,890</b>	<b>403</b>	<b>3,249</b>	

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