



US Army Corps
of Engineers®



Muskegon Harbor, MI

Harbor Features

- Located on the east shore of Lake Michigan, 114 miles northeasterly from Chicago, IL.
- Deep draft commercial harbor.
- Controlling depths – 29 and 28 feet.
- 111th leading U.S. port with just under 2.7M tons of material shipped or received in 2004.
- Ranked 27th among the Great Lakes Harbors.
- Approximately 6,500 feet of maintained Federal channel.
- Dredged material from this harbor is used for beach nourishment.
- Over 6,200 feet of structures maintained, including breakwaters, piers, and revetments.
- Major stakeholders include U.S. Coast Guard, Lake Carriers Association, Verplank, Express Ferry Service, Consumers Energy, Medusa Cement.

Project Needs

- Maintenance dredging is required on a 2 to 3 year cycle.
- Regular monitoring and periodic maintenance by hired labor is required on the structures.



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 \$150,000 and \$350,000 annually.

Transportation Importance

- Major receiving port on the Great Lakes.
- Commodities include primarily sand and gravel, limestone, cement and concrete, and coal.

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

Work Package	FY07 Need	FY07 Budget	Δ	FY08 Need	FY08 Budget*
Operations	14	14		66	
CDF's					
Maintenance Dredging	556		556	500	
Structures	200	200		275	
Environmental Activities					
TOTALS	770	214	556	841	

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