



US Army Corps
of Engineers®



Manitowoc Harbor, WI

Project Features

- Located on the west shore of Lake Michigan about 79 miles north of Milwaukee, WI, and about 106 miles from Sturgeon Bay Harbor and the Lake Michigan Ship Canal.
- Deep draft commercial harbor.
- Depths varying from 22 to 25 feet below LWD in entrance and inner channels and a 12-foot deep channel at the upper end of the project. A 10-foot deep recreational navigation channel adjacent to the CDF.
- 282,000 tons of material shipped or received in 2004.
- Over 4,100 feet of structures including breakwaters and piers.
- Over 2.5 miles of maintained channel.
- The Manitowoc Harbor Confined Disposal Facility is located in Lake Michigan extending northward from the north breakwater.
- Major stakeholders include U.S. Coast Guard, Lake Carriers Association, Burger Boat Building, Manitowoc Portland Cement Co., Lake Michigan Car Ferry.



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 \$100,000 and \$240,000 annually.

Transportation Importance

- Locally significant receiving port on the Great Lakes.
- Commodities received include coal and cement and concrete, and boat building materials.

Project Needs

- Approximately 20,000 to 30,000 cubic yards of material must be dredged from the river channel on a 2 to 3 year cycle.
- Navigation structures are primarily maintained by Government floating plant.
- Periodic maintenance of the CDF is required.

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

Work Package	FY07 Need	FY07 Budget	Δ	FY08 Need	FY08 Budget*
Operations	108	108		20	
CDF					
Maintenance Dredging	549	549			
Structural Repairs	142	0	142	210	
Environmental Activities					
TOTALS	792	650	142	230	

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