



St. Joseph Harbor, MI

Harbor Features

- Located on the east shore of Lake Michigan, 60 miles east of Chicago, IL, and 24 miles south of South Haven, MI.
- Authorization: River & Harbor Acts of 3 Mar 1875, 14 Jun 1880, 3 Mar 1899, 30 Aug 1935, 2 Jun 1937, Mar 1945, 3 Jul 1958
- Deep draft commercial harbor
- Project depths of 21 feet in the entrance and inner channel; 18 feet in the inner river channel and turning basin.
- 358,000 tons of material shipped or received in 2008
- Over 5,300 feet of structures including piers and revetments
- Over 1.5 miles of maintained channel
- Outer channel dredged material is used for beach nourishment. Inner channel material is placed upland.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Lafarge North America, Dock 63, and Central Dock Company.

Project Requirements

- Approximately 40,000 cubic yards of material must be dredged from the entrance channel annually. Approximately 30,000 to 60,000 cubic yards of material must be dredged from the inner harbor on a 2 to 4 year cycle.
- Regular maintenance dredging on St. Joseph Outer Harbor was last conducted in 2011. The turning basin in the inner harbor was last dredged in 2010 with ARRA funds.
- Emergency dredging of the entrance channel was performed in January 2012 after a storm caused severe shoaling that closed the harbor in December 2011.
- Maintenance dredging was funded by an allocation from the National Provision in the FY12 Consolidated Appropriation Bill; dredging will also be required in 2013.



- USACE received funding for St. Joseph Harbor to provide assistance to local sponsors under the Low Use Navigation Pilot Program with efforts that will lead to non-Federally funded dredging of the navigation channel.

Consequences of Not Maintaining the Project

- If dredging is not conducted in the spring of 2012, severe shoaling will significantly restrict the channel and will likely result in the harbor closing.
- Bulk commodities that pass through the harbor generate \$18M annually in direct revenue while supporting over 150 jobs and generating \$7M per year in personal income.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$431,000 and \$1.1M.

Transportation Importance

- Regionally significant receiving port on the Great Lakes.
- Commodities received include limestone, sand, gravel, armor stone, cement, slag, salt, and petroleum products.
- Project serves as an important Harbor of Refuge
- Harbor is home to the U.S. Coast Guard Station Saint Joseph.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2011, 2012 and 2013
St. Joseph Harbor, MI - Project Requirements and President's Budget (\$1,000)**

Work Package	FY11 Requirement	FY11 Work Plan	FY12 Requirement	FY12 Appropriation	FY13 Requirement	FY13 President's Budget
Project Condition Surveys	180	178	185		190	
CDF Fill Management	115		115			
Maintenance Dredging of Outer Harbor – Primary Work Package	575	568	604	693*	570	
Maintenance Dredging of Inner Harbor – Primary Work Package	750		750		750	
Maintenance Dredging – Backlog Work Package	225		225		225	
Structure Repair – by Govt. Floating Plant	280		280			
Shoreline Mitigation (Court Decision)	750		750		750	
Sediment Budget Analysis, Section 111	150		150		150	
Structure Repair - by contract					280	
TOTALS	3,025	746	3,059	693	2,915	0

*Provided by National Provision in the FY12 Consolidated Appropriation Bill

Congressional Interests

- Representative Fred Upton R-MI-6
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI