



US Army Corps
of Engineers®



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: Rivers & Harbors 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
- 287K tons of material shipped and received in 2019
- 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: U.S. Coast Guard, Central Dock Company, Dock 63, and Lafarge

Project Requirements

- Approx. 40,000 cubic yards of material must be dredged from the entrance channel annually. Approx. 30,000 to 60,000 cubic yards of material must be dredged from the inner harbor on a 2-to-4-year cycle.
- Outer harbor last dredged in 2020. Approximately 37,000 cubic yards of material were removed.
- Maintenance dredging is currently required for the outer harbor.
- Dredging of inner harbor completed in 2019. Approx. 44,000 cubic yards of material were removed. No additional maintenance dredging is currently required for the inner harbor.
- Beach nourishment is authorized and currently required.



- Design and construction for north pierhead and south breakwater repairs are needed.
- Phase I development of dredged material management strategy is required.
- Navigation structure repairs are required.

Consequences of Not Maintaining the Project

- Waterborne transportation facilitated by the harbor supports \$12.8M in business revenue, 64 direct, indirect, and induced jobs, and \$4.1M in labor income to the transportation sector.
- Commodities handled by the harbor support \$61.9M in business revenue, 365 direct, indirect, and induced jobs, and \$18.4M in labor income.
- Light loading; loss of between 4 and 5 feet of channel depth results in increased transportation costs of between \$525,000 and \$757,000 annually
- If the harbor were closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by nearly 2.4M lbs of harmful particulate matter (PM-10) and increase costs by \$450K due to increased railroad related accidents, and \$720K due to increased trucking related accidents.

Transportation Importance

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

**U.S. Army Corps of Engineers Fiscal Year (FY) 2020, 2021, and 2022
St. Joseph Harbor, MI - Project Requirements and President’s Budget (\$1,000)**

Work Package	FY20 Requirement	FY20 Appropriation	FY21 Requirement	FY21 Appropriation	FY22 Requirement	FY22 President’s Budget
Maintenance Dredging of Outer Harbor – Primary Work Package	400	0	500	0	550	550
Maintenance Dredging of Inner Harbor – Primary Work Package	0	0	500	500*	0	0
E&D and Construction – North Pierhead Repairs	0	0	975	0	6,500	0
E&D and Construction – South Breakwater Repairs	0	0	610	0	9,500	0
Navigation Structure Repairs	0	0	0	0	50	0
Dredged Material Management	0	0	150	0	150	0
Beach Nourishment	500	0	500	0	500	500
Real Estate Management	0	0	17	17	18	18
TOTAL	900	0	3,252	517	17,268	1,068

**Funded with HQ Emergency Funding*

Congressional Interests

- Representative Fred Upton R-MI-6
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI