



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
- 364K tons of material shipped and received in 2021
- 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.
- FY22 and FY23 funds received for outer harbor dredging. Partial dredging completed in late 2022, remaining dredging will be completed in 2023.
- Inner harbor dredging will be conducted with FY23 funds.
- Sediment sampling and analysis will be conducted with FY22 funds.
- A preliminary assessment of dredged material management will be initiated with FY23 funds.



- Engineering and design of north pierhead repairs will be conducted with FY23 funds. Construction funds for repairs are still required.
- Repairs to the south pier and north revetment are required.
- Structure safety maintenance will be accomplished with FY22 funds.

### Consequences of Not Maintaining the Project

- 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
- 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.
- The project serves as an important harbor of refuge.
- The harbor is home to the U.S. Coast Guard Station Saint Joseph.
- Commodities handled by the harbor support \$61.9M in business revenue, 365 direct, indirect, and induced jobs, and \$18.4M in labor income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2022, 2023, and 2024  
St. Joseph Harbor, MI – Project Requirements and President’s Budget (\$1,000)**

<b>Work Package</b>	<b>FY22 Requirement</b>	<b>FY22 Appropriation</b>	<b>FY23 Requirement</b>	<b>FY23 Appropriation</b>	<b>FY24 Requirement</b>	<b>FY24 President’s Budget</b>
Maintenance Dredging of Outer Harbor	550	550	1,890	1,890	1,005	1,005
Maintenance Dredging of Inner Harbor	0	0	1,105	1,105	0	0
Sediment Sampling, Analysis, and Environmental Coordination	230	230	0	0	0	0
Dredged Material Management Preliminary Assessment	150	0	150	150	0	0
North Pierhead Repairs - Engineering and Design	975	0	975	975	0	0
South Pier Repairs - Engineering and Design	640	0	640	0	640	0
North Revetment Repairs - Engineering and Design	0	0	560	560	0	0
Critical Structure Safety Maintenance	50	50	0	0	0	0
Section 111 Beach Nourishment Activities	500	500	500	0	0	0
Real Estate Management	18	18	18	18	19	19
<b>TOTAL</b>	<b>3,113</b>	<b>1,348</b>	<b>5,838</b>	<b>4,698</b>	<b>1,664</b>	<b>1,024</b>

**Congressional Interests**

- Representative Bill Huizenga R-MI-4
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI