



US Army Corps
of Engineers ®



Toledo Harbor, OH

Harbor Features

- Deep draft commercial harbor located on Lake Erie in the City of Toledo, Lucas County, Ohio
- Authorization: Rivers & Harbors Acts of 1899, 1911, 1935, 1950, 1954, 1958, and 1960
- 7 miles of federal channel on the river and 18 miles on Maumee Bay. Project depths are 28 feet in the bay; 27 feet in the lower Ottawa River; and 25 feet in the upper Maumee River.
- 9.1M tons of material shipped and received in 2019
- Ranked 8th among the Great Lakes harbors and 56th among U.S. ports in 2019
- Interconnected with 35 commercial ports: ships to 18 ports, receives from 11 ports, and ships and receives to/from 6 ports.
- Federal confined disposal facilities include Island 18 and Site 3.
- Major stakeholders: the Toledo-Lucas County Port Authority, City of Toledo, U.S. Coast Guard, St. Mary's Cement Inc., Midwest Terminals of Toledo International, Kuhlman, The Andersons, ADM Grain Company, BP Husky Refining LLC, Seneca Petroleum Company, CSX, Lafarge Cement, Arms Dock, Geo. Gradel Co., Westway Terminal Co. LLC, Bituminous Products Co., and Ironhead Marine Inc.

Project Requirements

- The harbor requires approximately 800,000 cubic yards of dredging every year to maintain the navigation channel. The harbor was last dredged in 2021. Maintenance dredging is scheduled for 2022.
- Fill management is needed to maximize the available capacity at the confined disposal facility through strategic fill placement, vegetation control, dewatering activities, and raising top elevation of interior and/or exterior berms.



- Economic and environmental evaluation of dredged material placement alternatives for the harbor is required to ensure placement capacity for future maintenance dredging.

Consequences of Not Maintaining the Project

- Light loading: loss of between 1 and 2 feet of channel depth results increased transportation costs of between \$732,000 and \$3,144,000 annually.
- Closing the harbor to commercial traffic requires commodities transported by rail and truck. This would increase annual emission rates by over 72,108 tons of harmful particulate matter (PM-10) and increase costs by \$16,142,000 due to increased railroad-related accidents and \$10,785,000 due to increased trucking-related accidents.



Transportation Importance

- Major receiving and shipping port with direct access to inter-modal connections
- Critical harbor of refuge.
- Growing port with ongoing improvements and commodity diversification
- Major commodities include iron ore, coal, petroleum, limestone, sand and gravel, salt, cement and concrete, wheat, soybeans, and aluminum.
- Waterborne transportation facilitated by the harbor supports \$494M in business revenue, 2,157 direct, indirect, and induced jobs, and \$163.3M in labor income to the transportation sector.
- Commodities handled by the harbor support \$10.7B in business revenue, 59,176 direct, indirect, and induced jobs, and \$3B in labor income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2021, 2022, and 2023
Toledo Harbor, OH — Project Requirements and President’s Budget (\$000)**

Work Package	FY21 Requirement (\$000)	FY21 Appropriation (\$000)	FY22 Requirement (\$000)	FY22 President’s Budget (\$000)	FY23 Requirement (\$000)	FY23 President’s Budget (\$000)
Additional State Requirements for Dredged Material Placement Maumee Bay	1,548	0	1,577	1,561	985	0
Additional State Requirements for Dredged Material Placement Maumee River	936	0	646	640	516	0
CDF Fill Management, Berm Raising	0	0	5,000	0	0	0
Economic and Environmental Evaluations	150	0	150	0	0	0
Engineering and Design, Island 18 Stone Repair	350	0	0	0	0	0
Environmental Compliance (ERGO) Management for Navigation	0	0	10	10	10	0
Maintenance Dredging Maumee Bay – Primary Work Package	2,649	2,649	2,620	2,636	2,935	0
Maintenance Dredging Maumee River – Primary Work Package	2,261	2,261	1,374	1380	1,436	0
Project Conditions Survey	653	653	677	677	688	0
Real Estate Management	25	25	25	25	18	0
Sediment Sampling & Analysis	150	150	0	0	0	0
TOTAL	8,722	5,738	12,079	6,929	6,588	0

Congressional Interests

- Representative Marcy Kaptur D-OH-9
- Senator Rob Portman R-OH
- Senator Sherrod Brown D-OH