



US Army Corps  
of Engineers ®



## Erie Harbor, PA

### Harbor Features

- Located on Lake Erie in the City of Erie, Erie County, PA
- Authorization: Rivers & Harbor Acts of 1824, 1899, 1910, 1935, 1954, 1960, and 1962
- Deep draft commercial harbor
- Project depths are 29 feet in the entrance channel, 27 to 29 feet in the eastern harbor basin, and 18 to 21 feet in the western harbor areas.
- 657K tons of material were shipped and received in 2018.
- Ranked 38<sup>th</sup> among Great Lakes harbors in 2018
- Interconnected with 7 commercial ports: receives from 7 ports
- The north and south piers total approximately 1.0 mile in length.
- Channels include the harbor basin and 2.4 miles of federal entrance channel.
- A confined disposal facility (CDF) is located adjacent to the south pier
- Major stakeholders: the Erie-Western Pennsylvania Port Authority, U.S. Coast Guard, the Erie Sand and Gravel Company, and private marinas.

### Project Requirements

- The harbor requires approximately 160,000 cubic yards of dredging every four years. The harbor was last dredged in 2016; removed approximately 285,000 cubic yards of material. Maintenance dredging is currently required to ensure adequate depth for navigation.
- Repairs are required to the damaged sections of the north pier to ensure the entrance channel and shoreline are adequately protected.



### Consequences of Not Maintaining the Project

- If the harbor closed to commercial traffic, rail and truck transportation would be needed for commodities. This may increase annual emission rates by almost 5,467 tons of harmful particulate matter (PM-10) and increase costs by an estimated \$1,019,000 due to increased railroad-related accidents and an estimated \$1,647,000 due to increased trucking-related accidents.
- Light loading: losses of between 1 and 2 feet of channel depth would result in increased transportation costs of between \$170,000 and \$391,000 annually.

### **Transportation Importance**

- Major receiving and shipping port on the Great Lakes and a critical harbor of refuge
- Commodities shipped or received include limestone, sand, gravel, and salt.
- Waterborne transportation facilitated by the harbor supports \$16.3M in business revenue, 71 direct, indirect, and induced jobs, and \$4.5M in labor income to the transportation sector.
- Commodities handled by the harbor support \$109.8M in business revenue, 592 direct, indirect, and induced jobs, and \$31.2M in labor income.

### **U.S. Army Corps of Engineers Fiscal Year (FY) 2019, 2020, and 2021 Erie Harbor, PA — Project Requirements and President’s Budget (\$1,000)**

<b>Work Package</b>	<b>FY19 Requirement</b>	<b>FY19 Appropriation</b>	<b>FY20 Requirement</b>	<b>FY20 Appropriation</b>	<b>FY21 Requirement</b>	<b>FY21 President’s Budget</b>
Maintenance Dredging – Primary Work Package	1,600	0	1,600	0	1,600	1,600
Sediment Sampling & Analysis	99	99	0	0	0	0
Dredged Material Management Plan	200	200	0	0	150	0
Engineering & Design, North Pier Repair	250	0	250	0	250	0
Confined Disposal Facility Five Year External Assessment	0	0	0	0	5	5
Real Estate Management	0	0	0	0	13	13
<b>TOTAL</b>	<b>2,149</b>	<b>299</b>	<b>1,850</b>	<b>0</b>	<b>2,018</b>	<b>1,618</b>

### **Congressional Interests**

- Representative Mike Kelly R-PA-16
- Senator Robert P. Casey D-PA
- Senator Patrick Toomey R-PA