



USACE DETROIT DISTRICT OVERVIEW

LTC Brett Boyle
District Commander
Detroit District

7 June 2023
HTAC Meeting
Duluth, MN



US Army Corps
of Engineers®

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USACE- DETROIT DISTRICT



Primary Missions

- Navigation
- Water and Flood Risk Management
- Hydropower
- Environmental Stewardship
- Recreation
- Regulatory
- Emergency Management
- International & Interagency Support
- Tribal and Cultural Coordination
- Military Construction*





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2022 YEAR IN REVIEW



US Army Corps of Engineers®
Detroit District

2022 YEAR IN REVIEW



486
Employees

4
Contingency Operations*

*Additionally responded to St. Clair River ice jam and flooding

1.1M

Visitors to the Duluth Canal Park

357,000

Visitors to the Soo Locks Canal Park



New Lock at the Soo

\$959M

funding received in 2022,
\$1.59B to date.

Phase 2

- 26 coffer cells installed in 2022 (Completing 52)
- 31,000 cubic yards of concrete placed,
- \$40.8M of work executed (\$87.8M to date)
- 139,618 labor hours worked by contractor

Phase 3

- \$1.1B base contract awarded in July
- \$24.5M of work executed
- 25,097 labor hours work by contractor

Soo Locks

Tonnage.....61.3M
 Passages.....6,670
 Lockages.....5,001
 Passengers....111,975



\$1.92B

obligated in contract awards



\$898K
Women Owned

\$30.46M
Small Business



\$395K
SD-Veteran Owned

\$20.3M
HUBzone

\$5.6M
Small Disadvantaged



4.7 out of 5 average
customer survey score



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FY23 GREAT LAKES NAVIGATION FUNDING

PRESIDENT'S BUDGET + WORKPLAN



Great Lakes Navigation Operation & Maintenance
\$205.4M + \$136.7M = \$342.1M

Key O&M Items

\$67.9M in Dredging (36 projects; 4.0M cy) (\$56.1M + **\$11.8M**)

\$9.7M in Dredged Material Management (8.1M + **\$1.6M**)

\$52.9M in Soo Locks Maintenance (\$38.3M + **\$14.6M**)

\$1.4M in Chicago Lock Maintenance

\$9.1M in Black Rock Lock Maintenance (\$0.1M + **\$8.95M**)

\$0.7M Alanson Lock Maintenance and Repairs

\$126.3M in Navigation Structure Maint/Repair (\$31.9M + **\$94.4M**)

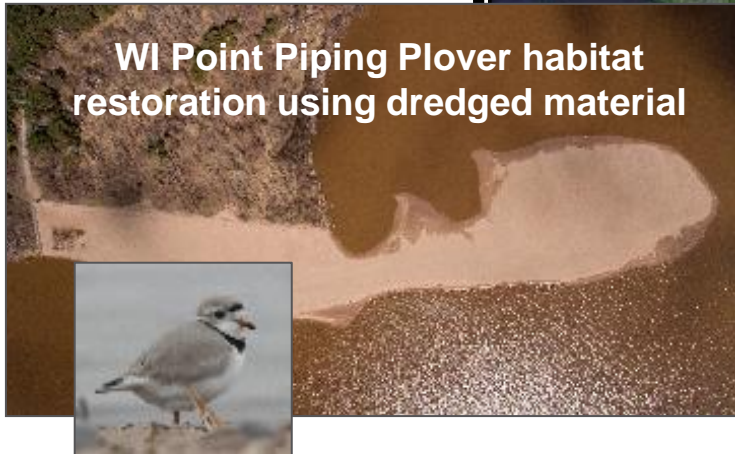
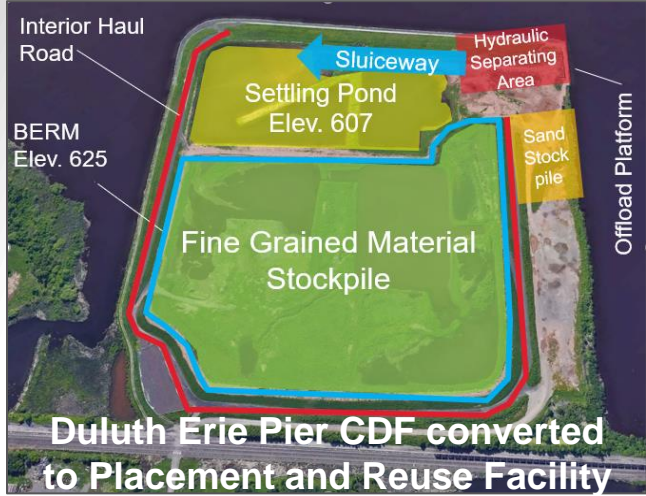
\$2.5M in Section 111 Beach Nourishment

\$4.3M in Sediment Sampling for Dredging



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DREDGED MATERIAL MANAGEMENT SUCCESSES





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INTERAGENCY & INTERNATIONAL SUPPORT

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Great Lakes Restoration Initiative (thru FY22):

Navigation Impacts:

- Over **3,400,000 cy** of sediments removed from AOC's
- Over **262,000 cy** of sediments capped in AOC's
- Over **2,330,000 cy** of dredged material placement capacity created/restored
- Beneficial use projects demonstrated or under study at several Great Lakes harbors

Environmental Impacts:

- Over **6,500 acres** of aquatic/terrestrial habitat restored, protected, enhanced or controlled
- Over **1,700 miles** of rivers/tributaries restored, protected or established for fishery passage
- **58,000 pounds** per year reduction to phosphorus loadings



FEMA

