

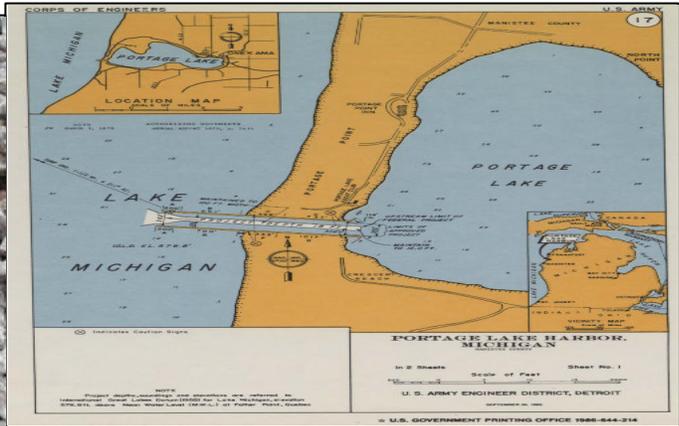
**PROJECT FACT SHEET (03 MARCH 2004)**

**PROJECT:** Repairs to North & South Revetments at Portage Lake Harbor, MI

**DESCRIPTION:** Repairs at Portage Lake Harbor were divided into two phases. Phase 1 has been completed. Phase 1 consisted of the repair of the north and south piers. Phase 2 consists of repairing the north and south revetments located between Lake Michigan shoreline and Portage Lake. The revetment length is approximately 1,300 feet. The existing retaining walls are deteriorated to a point where the stability and alignment of the walls are being compromised. The walls, including the wakefield walls (sub-structure), are no longer containing the fill material they are intended to retain. A Steel Sheet Pile (SSP) is proposed to encapsulate most of the existing structure, eliminating the need for full structural removal. A concrete cap would be placed over the SSP to hold back the fill material and provide access for maintenance personnel.

**CONGRESSIONAL INTEREST:** Representative (R) Peter Hoekstra (MI-2)

**LOCATION MAP & PICTURE:**



**PROJECT AUHORITY:** River and Harbor Act of 3 March 1879.

**FUNDING:**

	<u>Total</u>	<u>Federal</u>	<u>Non-Federal</u>
Current Working Estimate	\$ 3,597,153	\$ 3,597,153	\$ 0
Funds Expended prior to FY04	\$ 27,153	\$ 27,153	\$ 0
Funds allocated in FY04	\$ 30,000	\$ 30,000	\$ 0
FY05 Budget	\$ 0	\$ 0	\$ 0
Funds that could be used in FY05	\$ 1,770,000	\$ 1,770,000	\$ 0
Funds required to complete (> FY05)	\$ 1,770,000	\$ 1,770,000	\$ 0

**STAGE:** Engineering and Design

**STATUS:** The funds allocated in FY04 can be used to finalize the concept design and initiate the detailed design. FY05 and FY06 funds can be used to complete the detailed design, initiate and complete the plans and specifications, initiate and complete the necessary NEPA documentation, advertise and award the construction contract, and perform the repairs.

**PM:** Nancy S. Salisbury, (313) 226-3639, [Nancy.S.Salisbury@lre02.usace.army.mil](mailto:Nancy.S.Salisbury@lre02.usace.army.mil)