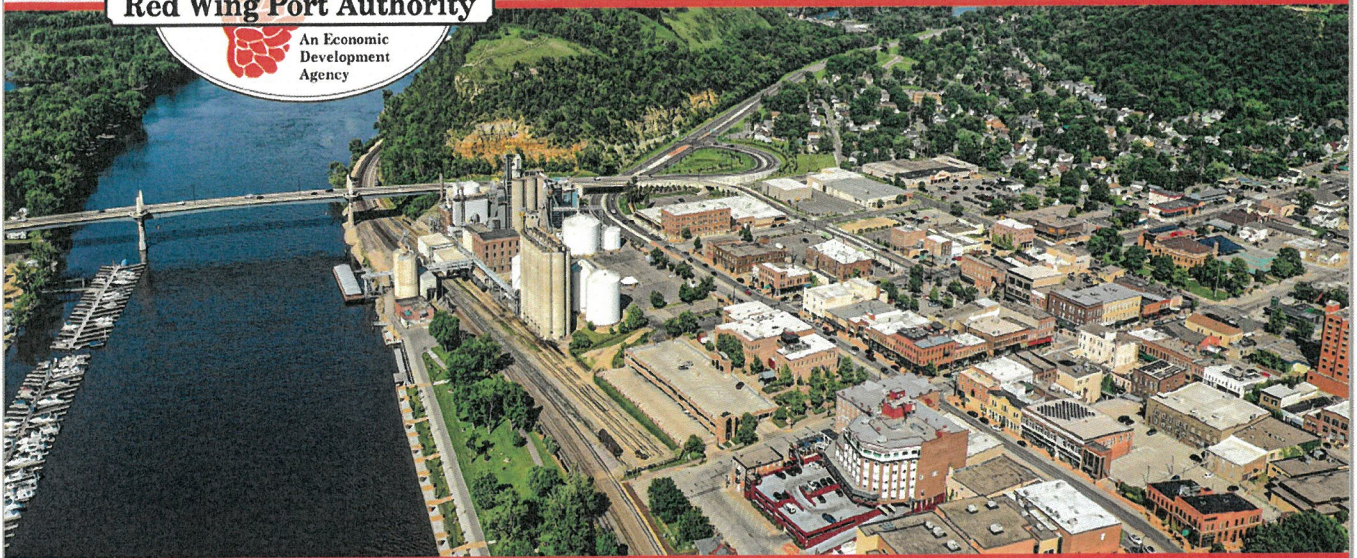


The Red Wing Port Authority is Celebrating 40 Years Serving Red Wing!



We are a key driver of commercial growth and development, offering loan assistance and guidance on all local, state, and federal incentives. As one of Minnesota's five designated waterway ports, Red Wing benefits from our active support in maintaining and advancing river infrastructure, including bulkheads, riverboat dockage, and related assets.

The Red Wing Port Authority allows our city to proactively seek out, attract and retain businesses that add to the long-term vitality of our community.

Visit our website to learn about our support:
www.redwingportauthority.org
Or contact us at 651-385-3639



**CURRENT RED WING PORT AUTHORITY
PORT DEVELOPMENT ASSISTANCE PROGRAM
PROJECTS**

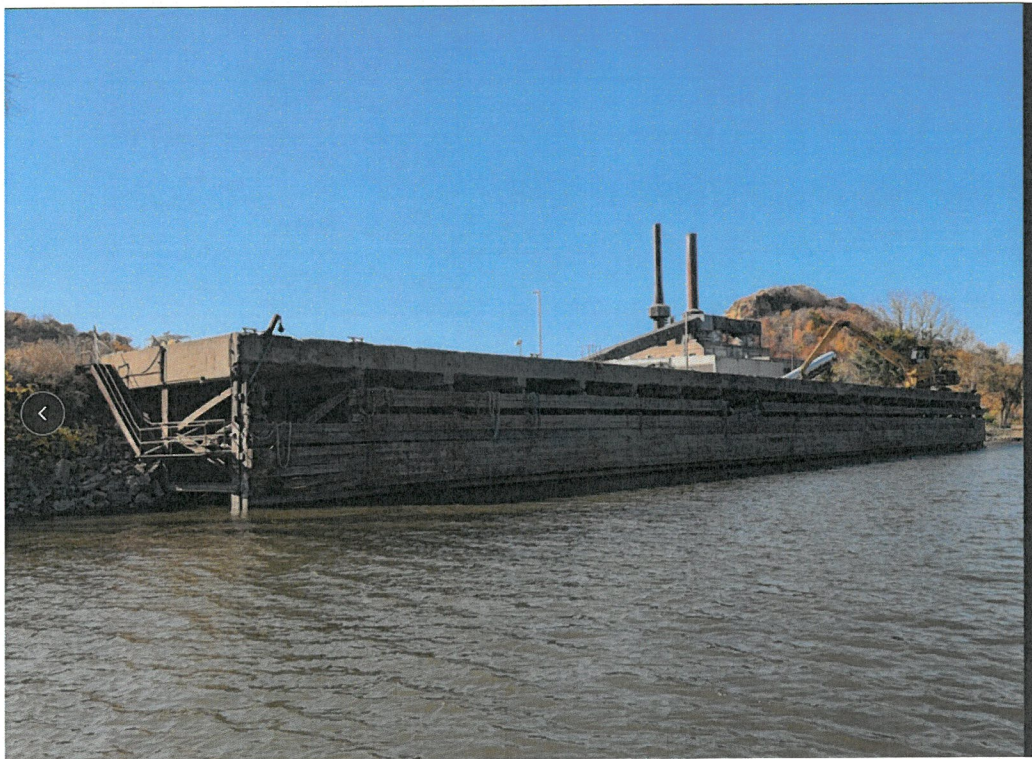
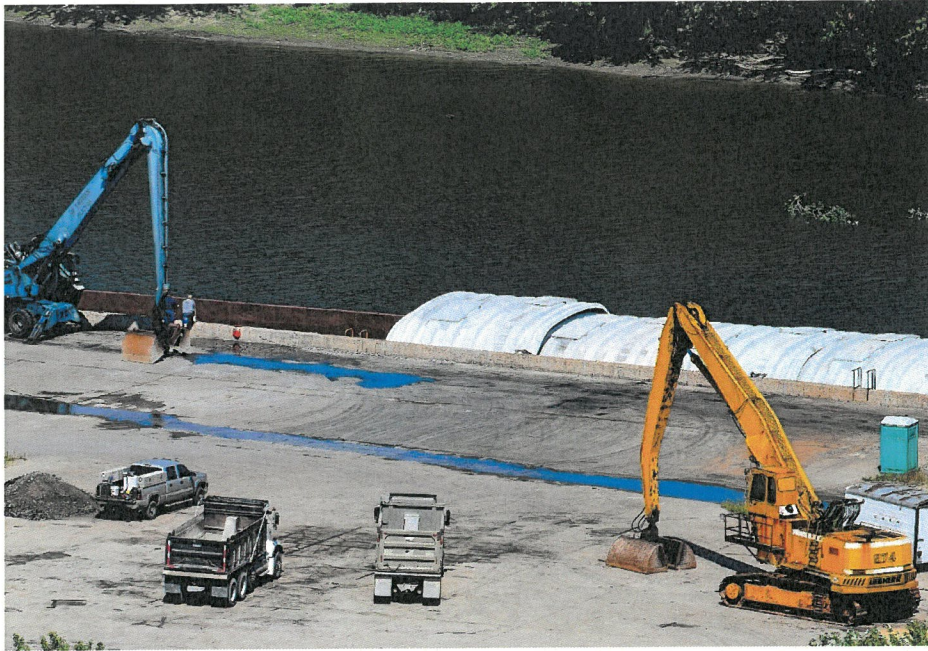
Little River Bulkhead

Original Project Cost = \$1,186,300

PDAP Award = \$900,000

****Project in need of additional PDAP monies after it was discovered, additional damage and deterioration turning this project quickly into a rehabilitation to a reconstruction.**

Project Summary: The existing Little River Bulkhead in Red Wing, MN adjacent to Xcel Energy electrical Generating Plant. It was originally constructed in 1948 as a coal unloading facility for the adjacent power plant. The city of Red Wing's Port Authority, a department of the city, acquired the dock wall/ bulkhead in 1999, to support local businesses in need of efficient and economical transportation of bulk commodities. The purchase was the catalyst for moving the Port Authority's existing industrial bulkhead operation to an industrial area.





GRAIN BARGE MOORING CLUSTER REPLACEMENT

TOTAL PROJECT: \$2.2 MILLION

PDAP FUNDS: \$ 1,6697,000

PROJECT SUMMARY:

The mooring clusters were originally placed and constructed (circa) 1958 for barge mooring to facilitate corn and soybean export by river barge. They have been leased to the granary and have been in continuous use for over 60 years.

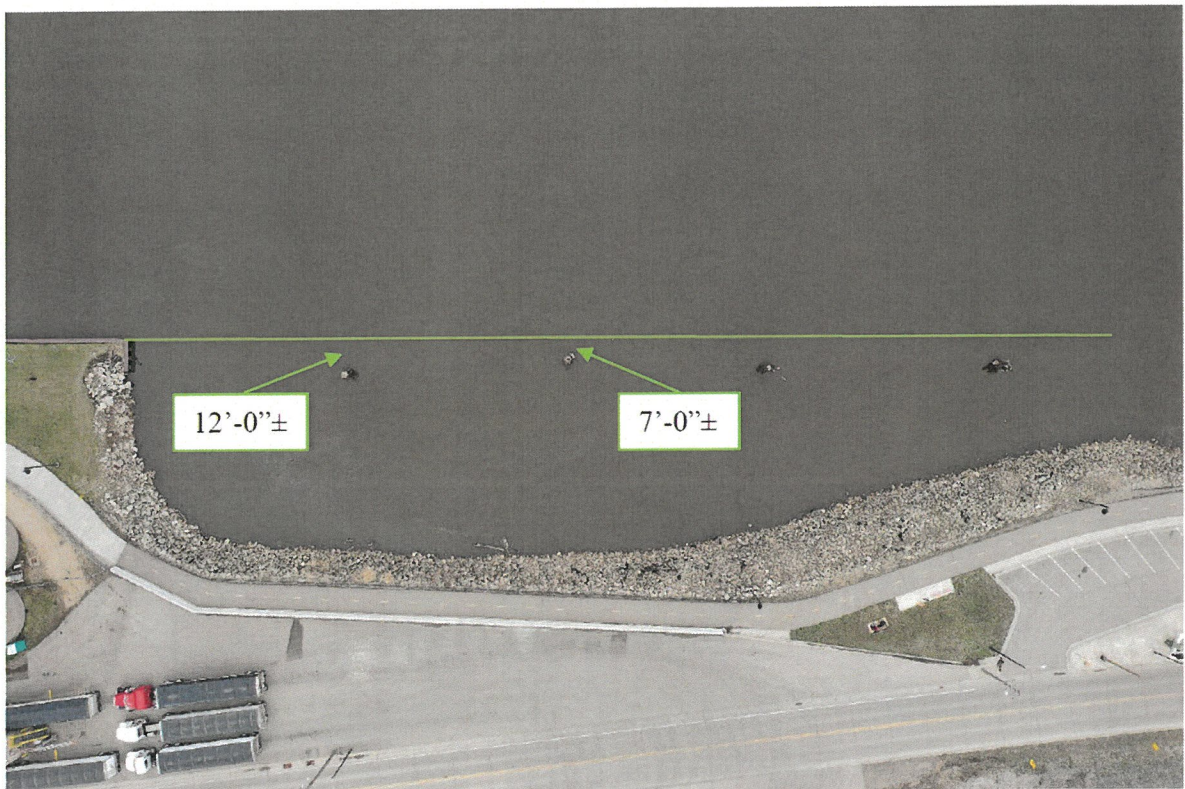


Figure 2. Dolphin Alignment Aerial View.





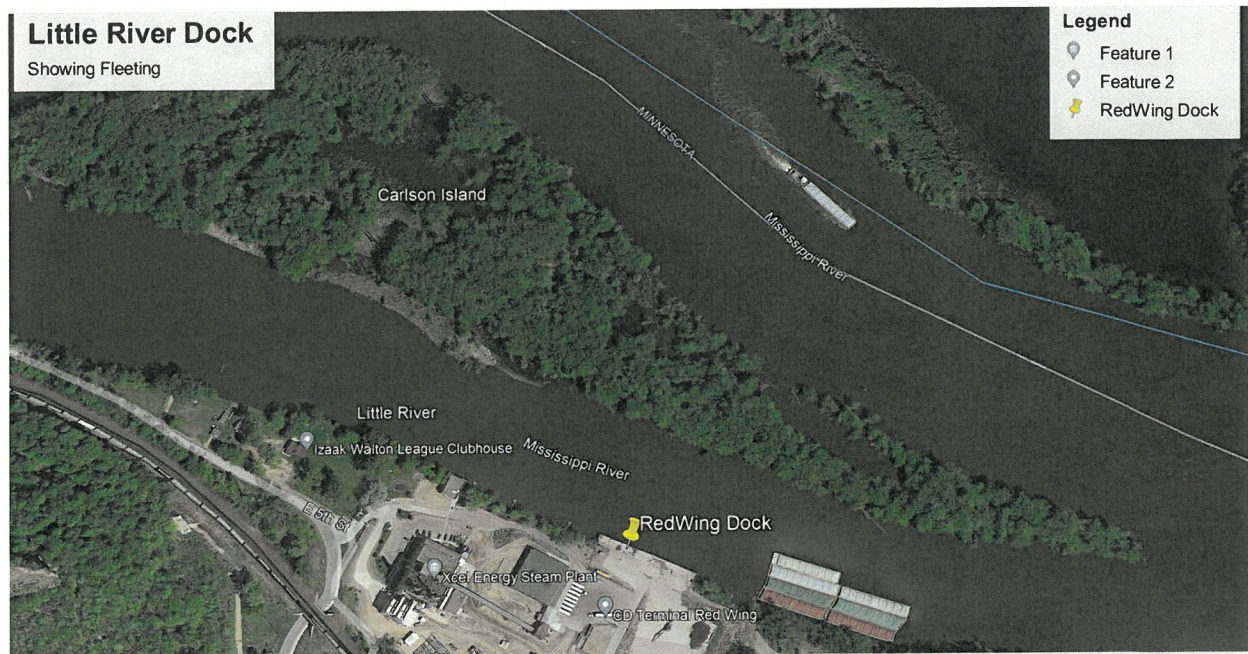


RED WING PORT AUTHORITY PRIORITY LIST

Construction of Wing Dams – Little River Sediment Issue.

At present a river model solution is the design of three wing dams along the left side of the Little Rier Channel near the terminal.

Estimated Project Cost: \$3 million



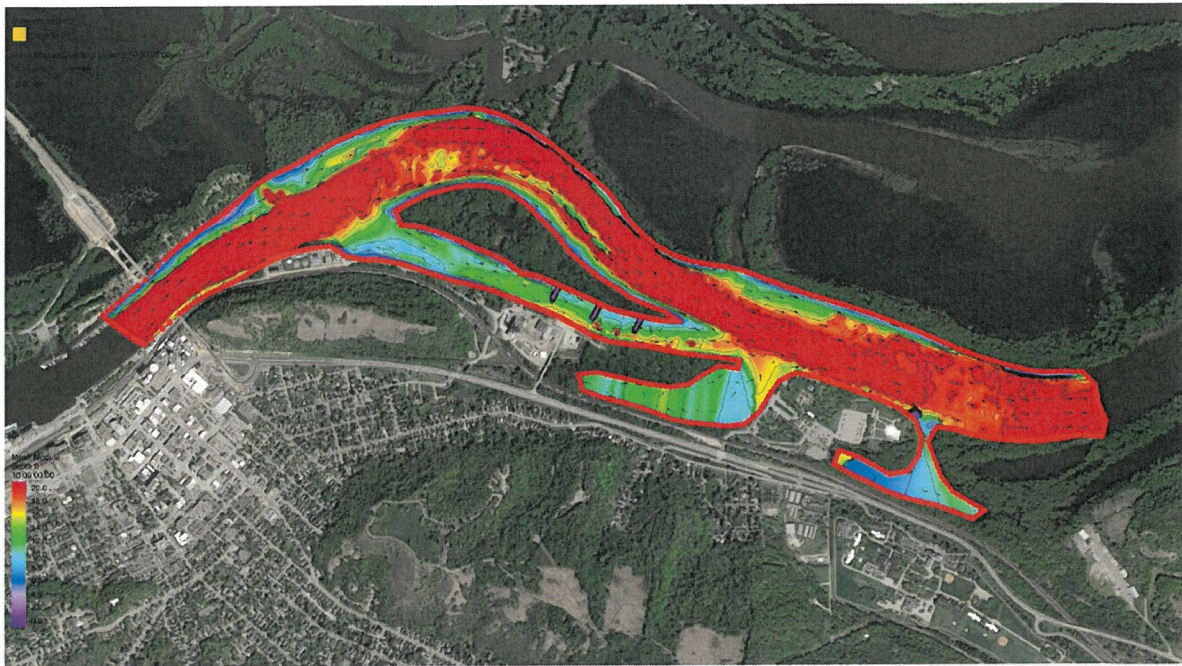
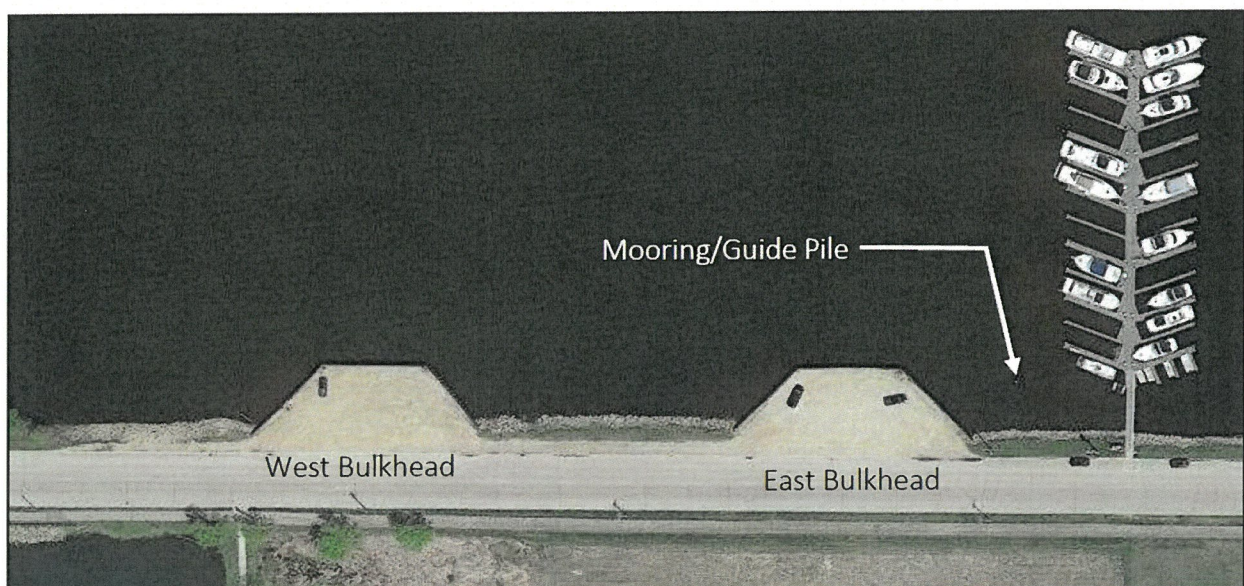


Figure 4 , Design 8, 70,000 cfs, Flow Depth.

Upper Harbor Bulkhead rehabilitation or reconstruction

Project Summary: The site consists of two bulkheads protruding into the Mississippi River. The bulkhead structure consists of steel pile dock wall with a double channel wale. The wale is connected to a concrete Deadman with steel tie rods.

Project estimated cost for rehabilitation: \$476,000



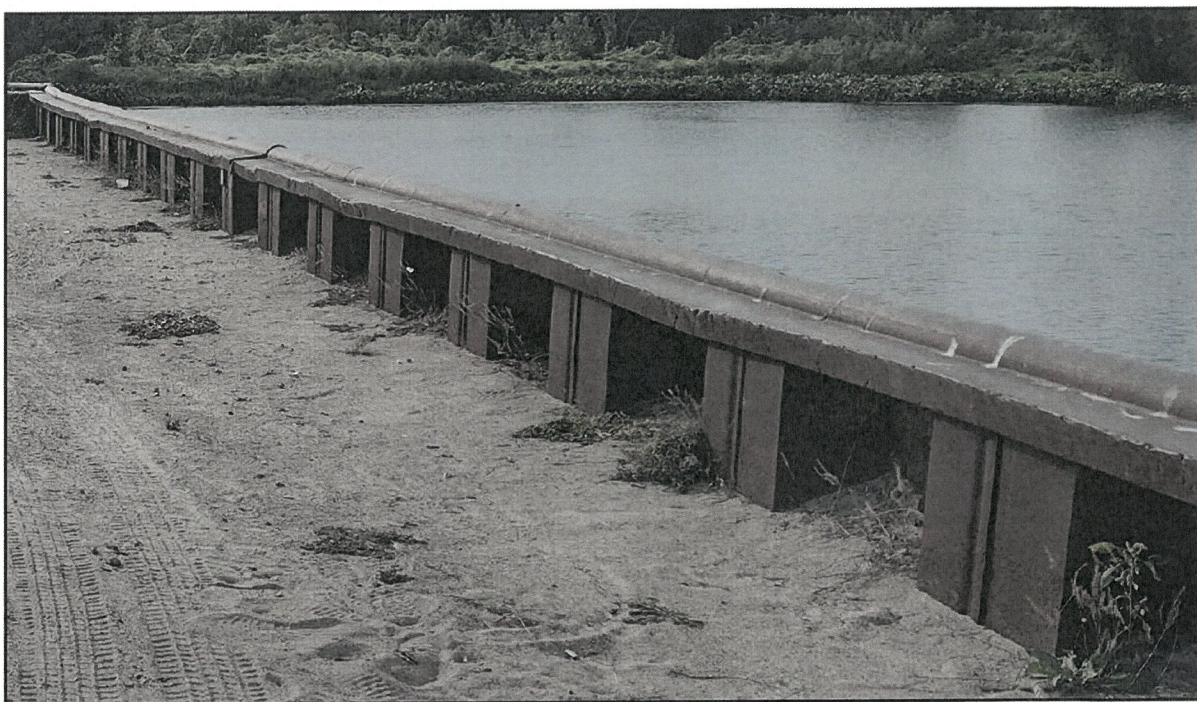


Figure 5: Miscellaneous Impact Damage to Dock Cap

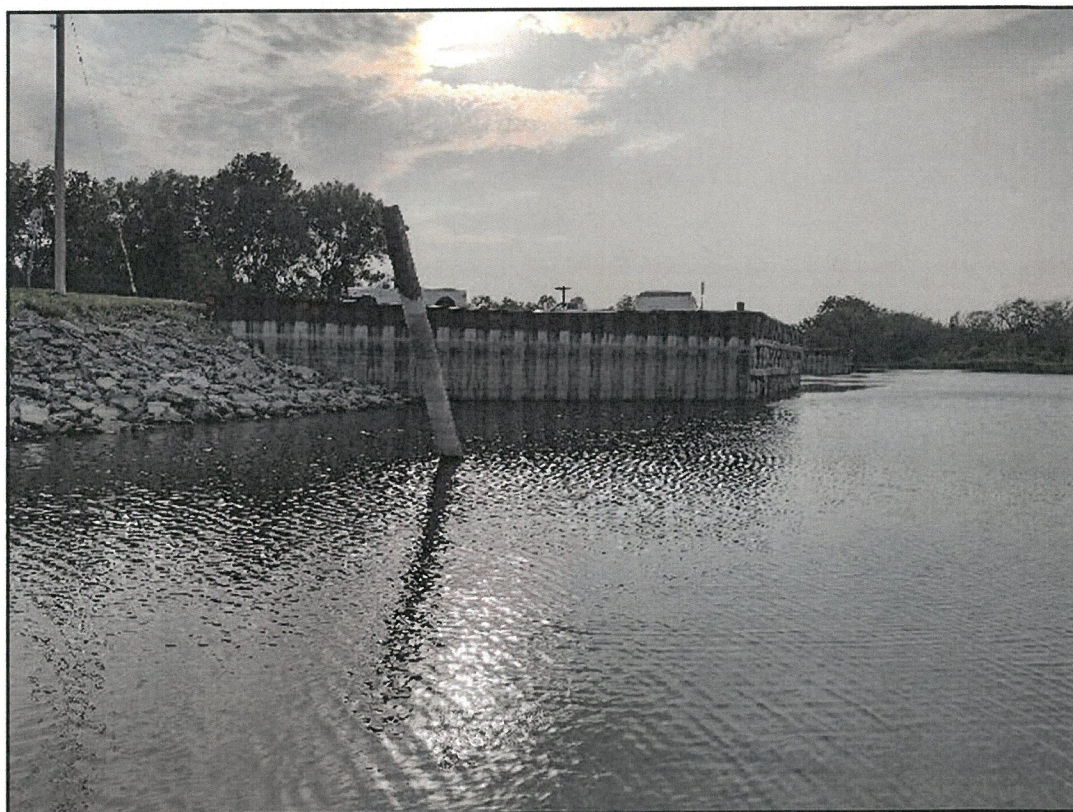


Figure 6: Current Condition of Single Mooring/Guide Pile

