



US Army Corps
of Engineers

I-RAP-St. Louis River-Northland Pier/AGP Slip, MN

Project Location: The project is located in the Duluth-Superior Harbor and is bordered to the west by Helberg Drive. The mouth of the slip opens to the east into Duluth Harbor.

Project Description: The Northland Pier/AGP Slip is an active 8 acre manmade slip surrounded by land on three sides and is located in Duluth-Superior Harbor. The slip has contributed to long history of manufacturing and shipping needs of the harbor and currently hosts a shipping/storage/recycling pier and an active grain dock. The goal of this project is to minimize or remove exposure to legacy sediment contaminants throughout the slip while preserving the water depth to maintain the current use. Activities may include slip leveling and consolidation followed by placement of a sub-aqueous cap at the head of the slip as well as a containment structure, such as a berm or sheet pile wall near the head of the slip to allow for deeper consolidation of materials to minimize the acreage of the slip affected. This project has been identified as necessary for the delisting of the sediment beneficial use impairment (BUI) in the St. Louis River AOC. This project is authorized under Section 401(a) of the Water Resources Development Act of 1990, as amended – Remedial Action Plans (RAP).

Non-Federal Partner: Minnesota Pollution Control Agency

Project Benefits: Completion of this project will ensure containment of known contaminants below a sub-aqueous cap and remove the exposure of benthic organisms and fish to these sources of contamination. Completion of this project will also contribute to the delisting of the sediment beneficial use impairment (BUI) in the St. Louis River AOC.

Project Status: Design kicked off in spring 2018. The preferred alternative was finalized in August 2018 and the team is working on the 65% design. It is expected that this project will go to construction in summer 2020.

Estimated Project Costs	
Federal	188,500
Non-Federal	101,500
Total	290,000

Project Milestones	
Design Kickoff	Apr 2018
Design Turnover to the Non-Federal Sponsor	Sep 2019

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