

RUM CENTRAL BOAT LAUNCH AREA BANK STABILIZATION RAMSEY, MN



Project Summary

The section of Rum Riverbank immediately upstream of the boat launch in Rum Central Regional Park washed out in a 21-year high water event in May, 2022. This 90-foot section of 12-foot tall bank was stabilized with a Flexamat Plus toe, regraded, and vegetated upslope. This project was designed to match 250-feet immediately upstream that was stabilized in 2015. A rock barb was added to direct flow away from the boat ramp itself and to provide additional habitat in the water.

Stabilization of the shoreline will provide reductions in TSS (16.2 tons per year) and TP (13.8 pounds per year) to the Rum River. The project also enhances ~0.1 acre of riparian habitat. Project design, administration, and construction oversight were provided by ACD with engineering assistance from the Washington Conservation District. Construction was done by the Anoka County Parks and Highway departments. The project was funded through a grant from the Outdoor Heritage Fund (OHF) and Anoka County.



Post-Construction October, 2022



Project Specifications

Date Installed October 2022
 Project Length 90 feet
 Bank Height 12 feet
 Habitat Enhanced ~0.1 acre
 TP Reduction 13.8 lbs/year
 TSS Reduction 16.2 tons/year

Project Cost

Admin., Design, Engineering and
 Construction Oversight.... \$14,892.00
 Materials \$14,294.63
 Construction..... \$10,103.76
 Total Project Cost \$39,290.39

Project Funding

OHF Grant \$31,073.06
 Anoka County Match..... \$7,785.37
 ACD In-Kind Match \$431.95
 Total Project Funding \$39,290.39

Project Details



Pre-project conditions consisted of a severely eroded, bare, vertical bank with fallen trees and a threatened roadway and boat launch.



Construction was done during low water conditions with erosion control measures in place to protect the Rum River. The low water minimized underwater disturbance and ensured installation went as specified.