

Rum River Corridor Fish and Wildlife Habitat Enhancement - Phase 2 - Supplemental Handout

WORKING TOGETHER

Many partners have come together to enhance the Wild, Scenic, and Recreational Rum River. From below the water line, to the top of the bluff and into the watershed, this endeavor addresses the needs of the Rum River as a whole.

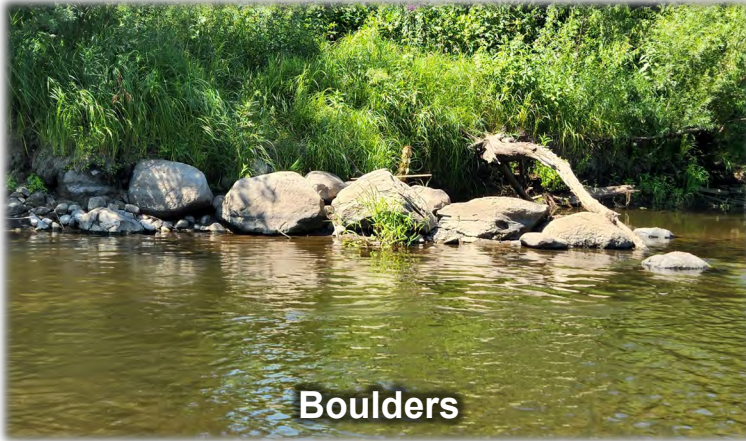


IN-STREAM

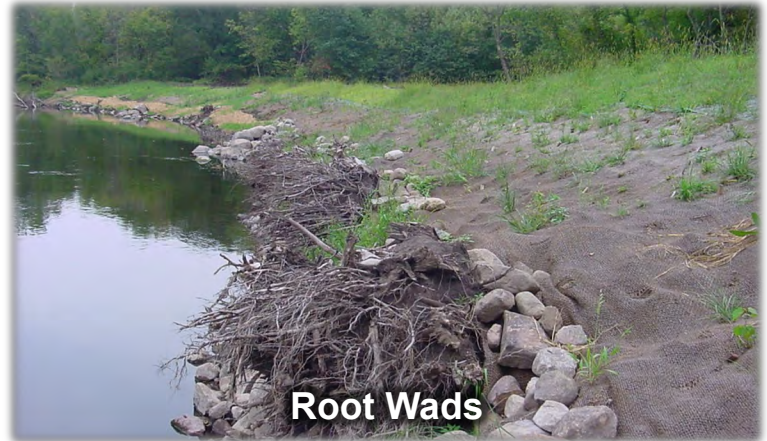
In-stream habitat enhancements on targeted public fishing areas and in conjunction with bank stabilization projects are a hallmark of this application. Rock structures like rock barbs, bendway weirs, and boulders provide variable flow to benefit invertebrates, bait fish, and game fish while reducing erosion. Woody structures like root wads and log jams provide cover, shade, and protection from predators. These elements enhance the Rum River as a prized fishery by benefitting game fish species and by enhancing public fishing.



Rock Barbs



Boulders



Root Wads

BEYOND THE BLUFF

The shoreland zone of the Rum River is a critical wildlife corridor stretching over 150 miles from Lake Mille Lacs to Anoka. Home to many species of greatest conservation need (SGCN) and unique habitats, the corridor spans two ecological planning areas: Northern Forest and Metro-Urbanizing. Expanding habitat enhancement into the shoreland zone empowers the partnership to benefit more species and address the a range of habitat needs for SGCN. Riparian buffers, wetland restoration, wild rice restoration, riparian forest enhancement, and prairie restoration are a few examples of the type of projects that will be pursued.



Metro Urbanizing

TO TOP OF BANK

Over 80 eroding sites were documented in Anoka County alone. Many factors drive increased erosion, and the result is degraded habitat. Bare, vertical cliff faces provide little cover and sever the connectivity across habitat types. Thousands of tons of sediment loaded into the river smother spawning areas and invertebrate habitat while also reducing water quality and clarity. Addressing severely eroding banks to both stabilize them and reconnect habitat types remains a large element of this application. Phase 1 efforts will now be expanded throughout the corridor.



Before



After



Before



After



Before



After



Before



After