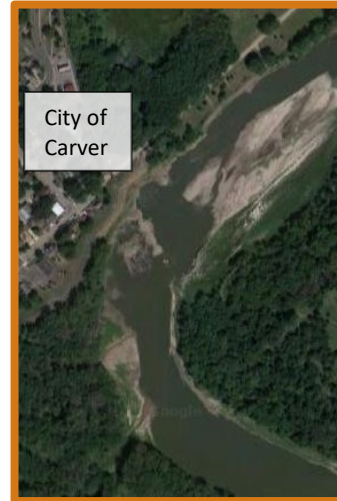


MERRIAM JUNCTION RIVERBANK STABILIZATION

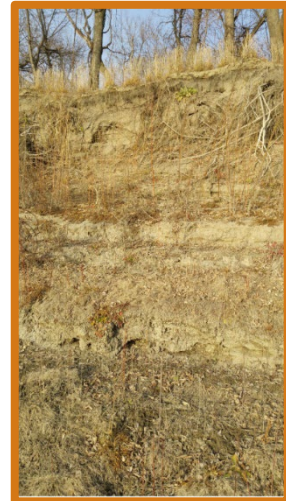


The Riverbank Stabilization Project will anchor the Minnesota riverbank that is actively eroding with increased flooding events and will reduce the sediment loading on the river. Additionally, the Riverbank Stabilization at this site will protect surrounding aquatic habitat as well as improve the resiliency of the future trail. Arresting existing erosion of the existing shoreline, embankment and former railroad bed are key benefits of the project. Stabilization of the riverbank reduces sediment in the water, thereby improving water quality, preventing erosion, reducing downstream navigation channel maintenance, and protecting important cultural resources. Riverbank stabilization will help to better maintain the navigable waters of the Minnesota/Mississippi River system by controlling sediment and debris at the source rather than dredging it out downstream.

- **The exposed riverbank currently sends the equivalent of 200 dump trucks of sediment down the river each year, the equivalent of one barge tow 660' long.**
- The project aligns with MPCA 2030 targets for sediment reduction on the Minnesota River.
- The most cost effective revetment design will be chosen and will allow the extents of riprap revetment to be reduced to minimize environmental impacts and costs.
- The project will protect riverbanks of cultural and historical significance as lands once occupied by Dakota indigenous People.



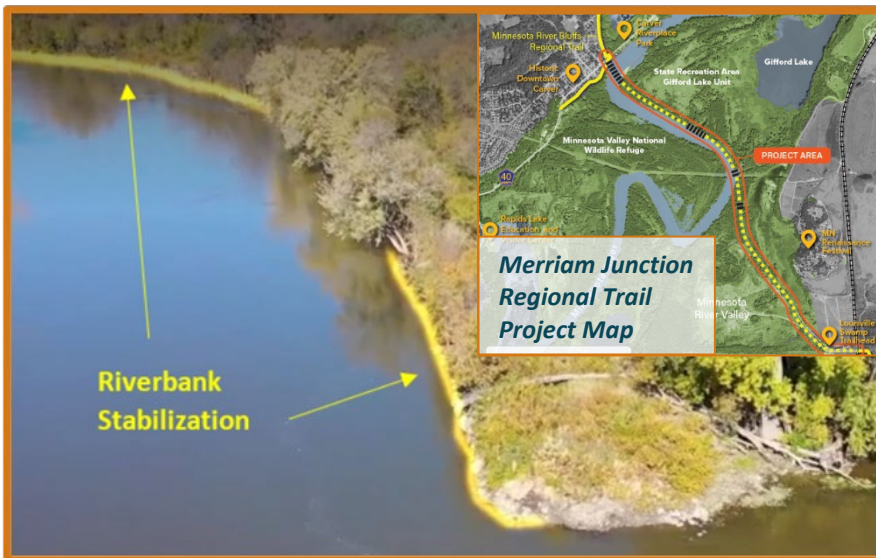
Sediment deposits in the MN River near the City of Carver



Cut bank due to erosion within the project area



Erosion of the riverbank along the Minnesota River in the project area



Identified riverbank stabilization locations along the Minnesota River

PROJECT BENEFITS



Helps to maintain the river channel and a flatter profile. This aids in reducing head cut erosion and further destabilization.



Protects existing DNR state (snowmobile) trail.



The project will reduce sediment loadings on the Minnesota River, a state objective.