



John Weber, Jr. Water and Sediment Control



Practice:

Water and sediment control basins

Benefits:

Reduced erosion and sediment

Improved water quality

Slope stabilization

Partners:

Minnesota Board of Water and Soil Resources

North Cannon River Watershed Management Organization

USDA - Natural Resources Conservation Service

Watershed:

Cannon River

Construction:

2010

Project: Four water and sediment control basins were constructed to eliminate 81.6 tons/year of sediment caused by gully erosion. Over the designed life of the basins, approximately 26.5 tons/year of sediment will be captured behind the structures in addition to the reducing downstream erosion potential.

Funding:

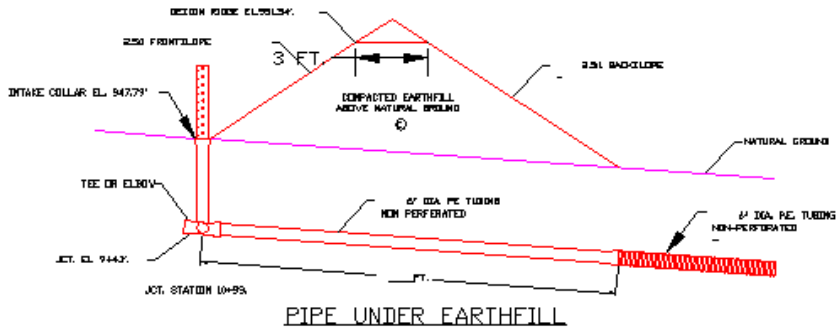
Total project cost	\$17,829
State Clean Water Fund	\$ 4,168
Federal	\$10,987
Landowner	\$ 2,674

Location:

Section 16
Douglas Township



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Cross section view of project. Basins were constructed with a wide base and 8:1 front and back slopes.



Gully erosion prior to construction of Basin 1 and Basin 2.



Completed Basin 2.



Gully erosion prior to construction basin 3 and Basin 4.



Completed Basin 3 and Basin 4.