



Maureen Fasbender Water and Sediment Control



Practice:

Water and sediment control basin

Benefits:

- Reduced erosion and sediment into receiving wetland
- 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: Two water and sediment control structures were constructed to eliminate and estimated 22.5 tons/year of sediment due to gully erosion. Over the designed life of the structures, approximately 14.2 tons/year of sediment will be captured behind the structures in addition to further reducing downstream gully erosion potential.

Funding:

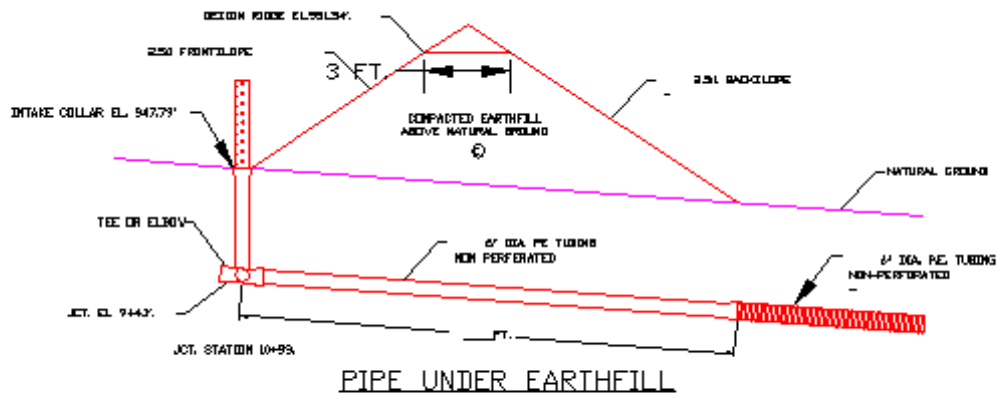
Total project cost	\$6,550
Federal	\$1,545
State Clean Water Fund	\$4,022
Landowner	\$ 983

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.



Completed south water and sediment control basin



Completed north water and sediment control basin