

TROUT BROOK

STREAMBANK STABILIZATIONS



PROJECT: Five eroding streambanks along Trout Brook in Miesville Ravine Park Preserve were stabilized. The project used cedar tree revetment, live stakes, and sod mats to stabilize the eroding streambanks. The projects were completed by crews from the Conservation Corps of Minnesota and Iowa.

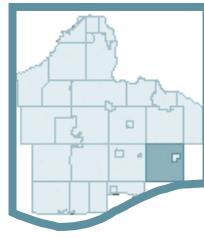


Clean Water Fund:

Protecting and restoring Minnesota's waters for generations to come.

LOCATION:

Douglas
Township



PRACTICE:

- Streambank Stabilization

BENEFITS:

- Phosphorus and sediment saved from traveling downstream
- Improved water quality
- Opportunity for public outreach and education

PARTNERS:

- Dakota County Parks
- Conservation Corps of Minnesota and Iowa

WATERSHED:

- Cannon River

RECEIVING WATERS:

- Trout Brook

INSTALLATION:

- Summer 2017

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Each project location was surveyed to determine the best stabilization method and gather appropriate materials.



Cedar trees were harvested from a future prairie restoration area to use as revetment along the streambank.



Natural erosion control netting was installed on exposed portions of the bank to prevent further face erosion.



Live willow stakes were harvested from a donor site and installed along the bank where they will take root.



Harvested sod mats were anchored on the face of the bank to provide rapid establishment of vegetation.



Cedar trees were anchored along the bank to slow the current, decrease erosion, and promote sediment deposition.