

Stearns County Ditch 12 Repair Proposal

December 9, 2022

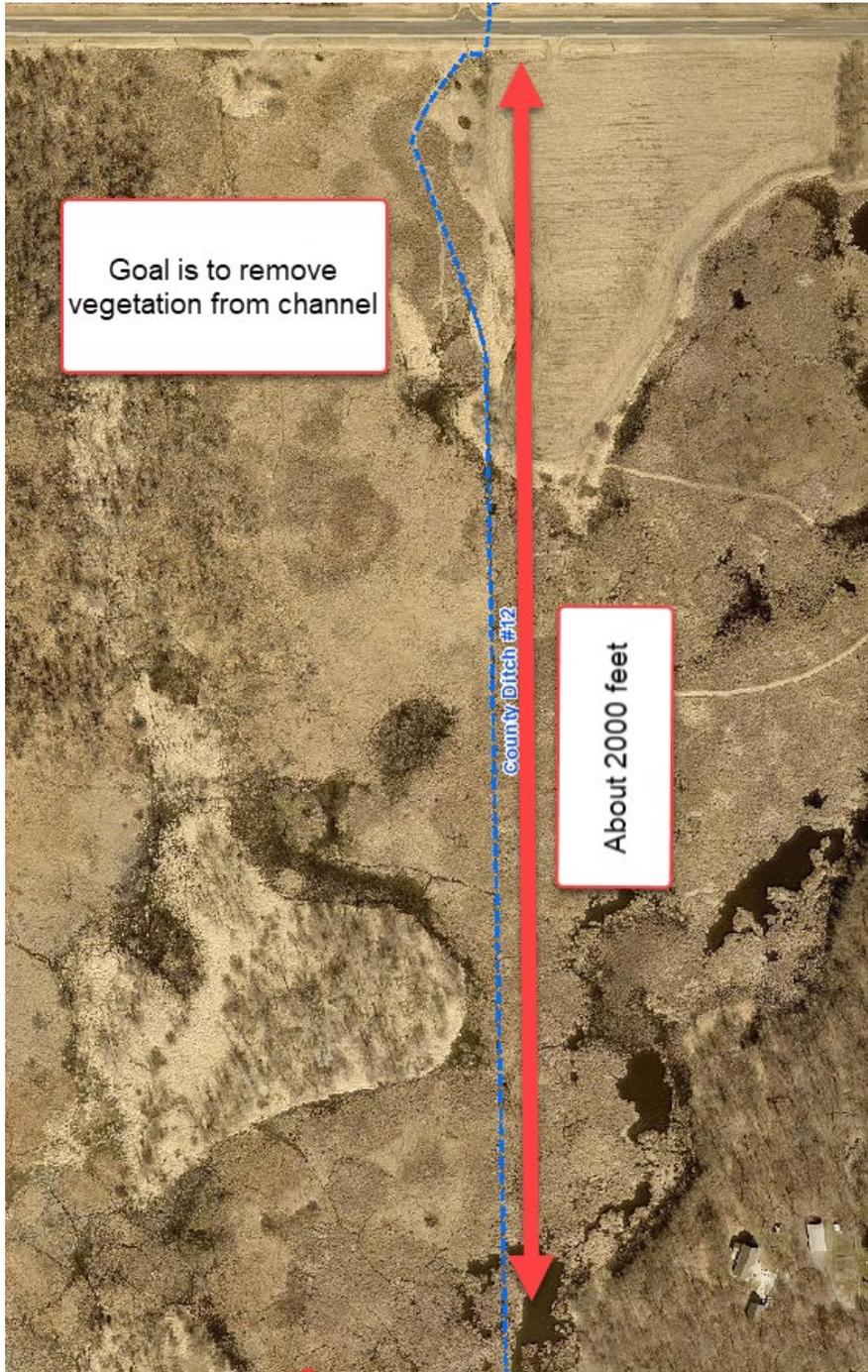
Introduction

Property owners have expressed concern with the condition of CD12 with regards to how water is impacting their property. The focus of the proposed repair is near the County Road 5 and CD 12 intersection. This area of the drainage system is overgrown with vegetation that is holding water and not allowing excess water to flow southerly through the drainage system. The project proposal involves removing vegetation only in the originally constructed ditch channel beginning at County Road 5 and traveling south for approximately 2,000 ft until reaching a point on CD12 where there is open water.

The original engineers cut sheets show a top of ditch width ranging between 8 and 9 feet in this area. The repair proposal is for an 8 foot wide clearing of vegetation only.

All Costs incurred by the Drainage System are paid for by the benefited property owners of County Ditch 12.

County Ditch 12 Repair Area Detail



Why is Stearns County Proposing these projects?

Drainage Authorities are the legal entities defined in Minnesota State Law that are created and responsible for the maintenance of public drainage systems. By law, the Drainage Authority is required to inspect and maintain drainage systems on behalf of the property owners who make up the drainage system.

As all benefitted landowners of the drainage system have a legal right to drainage, concerns from property owners are investigated and if issues are found, Stearns County staff explores possible solutions and weighs the costs incurred against the wishes of the property owners.

Co Rd 5 Project site

The area south of County Road 5 is known to hold water. The photo below is from a drone flight in 2019. The ditch from Co Rd 5 extending south for about 2,000 feet is considered Type 3 wetlands. Due to the presence of wetlands and financial impact of purchasing wetland credits to offset the negative impact to wetlands, the repair only focuses on removing vegetation

Area south of County Road 5



Field research shows a clearly defined ditch channel profile. The proposed work would focus only on vegetation and the removed debris would be side cast. The area is wet and winter frozen conditions would be required for equipment unless an extremely dry summer were to occur. The vendor would utilize an excavator to remove vegetation.

Estimated costs

Excavator vendor cost is \$1.90per linear foot. These prices are subject to change as formal bids are requested.

Vegetation removal Co Rd 5 south approximately 2,000 feet \$1.90 per foot	Approx. \$4,000
---	-----------------

Vendor Cost Only

All Costs incurred by the Drainage System are paid for by the benefited property owners of County Ditch 12.