CLEAN WATER LAND & LEGACY AMENDMENT

# North Hero 34 Road Retention (Redwood County)

## Cottonwood River

AREA II MINNESOTA RIVER BASIN PROJECTS

**GRANT PERIOD:**
From: July 25, 2024
To: Dec. 31, 2027

## GRANT REVENUES

| | |
|---|---|
| **$ 433,775.00** | 1st Installment (50%) |
| **$** | 2nd Installment (40%) |
| **$** | 3rd Installment (10%) |
| **$ 433,775.00** | **TOTAL REVENUES** |

10% Local Match Provided = **$ 205.20**

## TOTAL PROJECT EXPENDITURES

| | |
|---|---|
| Construction | |
| Soils Investigation | |
| Easements & Recording Fees | |
| Engineering | $ 2,052.00 |
| **TOTAL EXPENDITURE** (to date) | **$ 2,052.00** |


**PROJECT CONTACT:**
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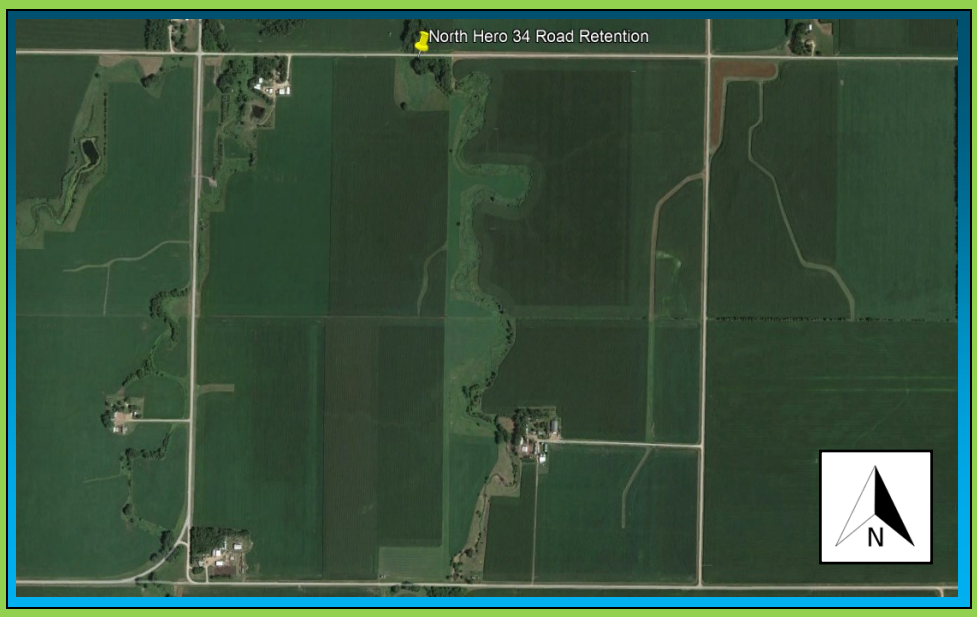
**Project Title: WATER QUALITY & STORAGE GRANT**
**CONTRACT NO. C25-0030 $876,550.00 (90/10)**




## PROJECT DESCRIPTION

The Water Quality & Storage Program was established to provide financial assistance to local units of government and governmental organizations to control water volume and rates to protect infrastructure, improve water quality and related public benefits, and mitigate climate change impacts.

This project involves the construction of road retention which raises the roadway (between sections 34 and 27) 13.9' in height to act as the dam embankment. The deteriorating two lines of 72" diameter metal culverts will be replaced with a 12' x 9' concrete box culvert with a 14' x 10' box culvert riser, and a 48" diameter concrete culvert to handle the low flows. This will be a dry dam with no permanent pool of water.

This project will decrease the 100-year storm flow by 25.3% (670 cfs) and will store 515 acre-feet of floodwaters for 68 hours. An estimated reduction of 5,135 tons/year of sediment (TSS) will surpass the 1,941 tons/yr reduction goal for this subwatershed.

In 2024, the township was encourage to close the road due to the severe condition of the deteriorating metal culverts. This grant award was timely to assist the local governments with this critical roadway.

In 2024, the Southwest Prairie Technical Service Area assisted Area II to update the topographical survey using drone technology. The new survey data was converted to county coordinates. With the new data, hydraulics were confirmed and the project design is being finalized to apply for the necessary permits. A meeting with project partners will be scheduled soon to coordinate flowage easements as well as slope easements and right-of-way purchased. Construction is anticipated in Fall 2025.