



Project Title: WATER QUALITY & STORAGE GRANT (PILOT)
CONTRACT NO. C23-0018 \$586,813.00

**Alta Vista 27
 Road Retention
 (Lincoln County)
 Yellow Medicine River**



GRANT PERIOD:
 From: August 11, 2023
 To: Dec. 31, 2025



Grant Revenues

\$293,406.50 1st Installment (50%)
 \$ 2nd Installment (40%)
 \$ 3rd Installment (10%)
\$293,406.50 TOTAL REVENUES

Local Match Provided

Total Grant Expenditures

Construction	
Soils Investigation	
Easements & Recording Fees	
Engineering	
TOTAL EXPENDITURE (to date)	- 0 -

PROJECT CONTACT:
 Kerry Netzke, Executive Director
 Area II MN River Basin Projects
 1424 East College Drive
 Suite 300
 Marshall, MN 56258
 (507) 537-6369
 kerry.netzke@area2.org

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 program was authorized by Minnesota Session Laws 2021, Article 3, Section 3, Sub 2.

This project involves the construction of road retention which raises the intersection (Alta Vista Township sections 22,23,26 & 27)13.5' in height, replaces the deteriorating 8' x 8' concrete box culvert with a smaller 66' diameter concrete culvert with a 108" diameter manhole riser, and 48" diameter concrete culvert to handle the low flow conditions. This will be a dry dam with no permanent pool of water.

This project will decrease the 100-year storm flow by 26.3% (192 cfs) and will store 96 acre-feet of floodwaters for 36 hours. An estimated reduction of 971 tons/year of sediment (TSS) which will achieve 40.9% towards the TSS reduction goal for this subwatershed of 2,373 tons/yr.

Not only will this project provide water quality improvements and water storage, the safety of this roadway will be improved significantly by reducing the sag in the intersection, improving sight distance for oncoming traffic, and flattening the dangerous inslopes that are sloughing due to the excessive slope.

Soil borings were collected in November 2023 and the geotechnical testing and report is currently being prepared. With the report findings, Area II will be able to finalize the project design and apply for the necessary permits. Construction is anticipated for Fall 2024.