

Alta Vista 27 Road Retention (Lincoln County)



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 REVE	NUES

25% Local Match Provided = \$3,930.75

TOTAL PROJECT EXPENDITURES

TOTAL EXPENDITURE (to date)	\$ 15,723.00
Engineering	\$ 3,078.00
Easements & Recording Fees	
Soils Investigation	\$ 12.645.00
Construction	

PROJECT CONTACT:

Kerry Netzke, Executive Director Area II MN River Basin Projects 1424 East College Drive Suite 300 Marshall, MN 56258 (507) 537-6369

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



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, road safety 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. With the soils report findings, the project design is being finalized to apply for the necessary permits. The upstream channel requires relocation/realignment with extra coordination with DNR and Corps of Engineers. A wetland delineation is planned for Spring 2025. Construction is anticipated in Fall 2025.