



**Project Title: WATER QUALITY & STORAGE GRANT**  
**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**

**\$245,369.76 RETURNED FUNDS**  
 10/27/2025

25% Local Match Provided =  
**\$16,012.26**

**TOTAL GRANT  
 EXPENDITURES**

Construction (Tree Removal)	\$ 14,250.00
Soils Investigation	\$ 9,483.75
Permit Fees	\$ 900.00
Wetland Delineation & Stream Assessment	\$ 17,524.87
Engineering	\$ 5,878.12
<b>TOTAL GRANT EXPENDITURE</b>	<b>\$ 48,036.74</b>

**PROJECT CONTACT:**

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**Project Description**

The Water Quality & Storage Program was established to provide financial assistance to LGUs 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 to finalize the design. Due to rule changes, a wetland delineation and stream assessment were conducted in May 2025. The upstream channel requires relocation/realignment with extra coordination with DNR and Corps of Engineers.

Construction could not be completed by December 2025, and legislative language did not allow for the grant to be extended. The funds could be returned to BWSR and another application for funding was submitted in December 2025.