



Real People. Real Solutions.

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February 5, 2024

Lisa Meints  
Renville County Auditor-Treasurer  
Renville County Courthouse  
500 E DePue Ave. – Ste 202  
Olivia, MN 56277-3005

Re: Final Engineer's Report, Amendment No. 1  
County Ditch 59 Improvements  
Renville County, Minnesota  
BMI Project No.: S15.112473

Dear Lisa:

The intent of this letter is to amend the Final Engineer's Report for the proposed County Ditch 59 Improvement of Main Open Ditch, Branch 309 & Branch C Project in Renville County.

#### **Response to DNR Comments**

In response to the DNR comment letter dated November 3, 2023, we submit these comments to address the concerns listed.

1. Hydraulic models were provided to the DNR on November 6, 2023.
2. A review of the Hawk Creek – Middle Minnesota Comprehensive Watershed Management Plan was conducted. It was determined that the project meets the goals of the Watershed Management Plan. The data used to determine that this project meets the goals was included in a successful grant application to BWSR for the inclusion of the storage basins and WASCOSB and was included in the original report as submitted.

#### **Charges assessed to Road Authorities**

Renville County conducted a review of historical data and found that, County Ditch 59 Branch C was constructed in 1921. Renville County also determined that T.H. 71 was constructed in 1926 after the construction of County Ditch 59 Branch C, and is therefore an obstruction to the system. So in that regard, the Minnesota Department of Transportation (MNDOT) Highway Authority is the cause of the increased costs of accessing the drainage system right-of way.

Enclosed in this amendment are the associated Engineer's estimate for the construction of the crossing utilizing trenchless methods (boring) as is required by MNDOT permits. Also included is the Engineer's estimate for construction of the same length of pipe (150 feet) through the T.H. 71 road Right-of-Way by open cut methods, as if the roadway obstruction was not present.

The breakdown can be seen in the Table 1 below.

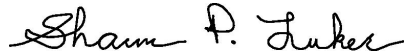
Table 1: Summary of Damages to Road Authorities

Roadway	Road Authority	Proposed Tile Size (in)	Improvement Cost with Boring	Improvement Cost without Boring	Net Increase in Improvement Cost
T.H. 212	MnDOT	30	\$203,600.00	\$13,500.00	\$190,100.00

The net effect of the Road Authority causing an obstruction on the system is \$190,100.

With this amendment, the project is still practicable, feasible, and necessary. Additional copies of this amendment should be distributed to the Board Members for their review along with the Final Engineer's Report as submitted earlier. Please note no other sections were changed in amending the Report.

Sincerely,  
**Bolton & Menk, Inc.**



**Shaun P. Luker, P.E.**

cc: DNR Director, MN DNR (via e-mail)  
Dean Zimmerli, Gislason and Hunter  
Kale VanBruggen, Rinke-Noonan  
Seth Sparks, Renville County Drainage Systems Manager  
8 Petitioners

# ROADWAY TILE IMPROVEMENT ESTIMATE - BORING

County Ditch 59 Improvement of Main Open Ditch, Branch 309 & Branch C

RENVILLE COUNTY

BMI PROJECT NO. S15.112473

H:\RNC0\S15112473\3\_Design\A\_Calculations\[112473\_Road Authority Cost Estimate.xlsx]Roadway Costs Open Cut



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Date: 1/30/2024

Item No.	Item	Notes	Estimated Quantity	Unit	Unit Price	Total Amount	TH 71 Crossing	
							Qty.	Price
<b>BASE BID</b>								
1	EXPLORATORY EXCAVATION		3	HOURS	\$200.00	\$600.00	3	\$600.00
2	12" HICKENBOTTOM INTAKES		2	EACH	\$600.00	\$1,200.00	2	\$1,200.00
3	JACK & BORE 48" STEEL PIPE WITH 30" TILE CARRIER		150	LIN FT	\$1,000.00	\$150,000.00	150	\$150,000.00
4	INLET PROTECTION		2	EACH	\$100.00	\$200.00	2	\$200.00
5	RAPID STABILIZATION, METHOD 4		700	SQ YD	\$3.00	\$2,100.00	700	\$2,100.00
						<b>SUBTOTAL:</b>	<b>\$154,100.00</b>	<b>\$154,100.00</b>
						<b>SUBTOTAL CONSTRUCTION COST:</b>	<b>\$154,100.00</b>	<b>\$154,100.00</b>
						CONSTRUCTION CONTINGENCY (10%)	\$15,500.00	\$15,500.00
						<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>	<b>\$169,600.00</b>	<b>\$169,600.00</b>
						DESIGN, ADMINISTRATION AND CONSTRUCTION ENGINEERING:	\$34,000.00	\$34,000.00
						<b>TOTAL ESTIMATED PROJECT COST:</b>	<b>\$203,600.00</b>	<b>\$203,600.00</b>

# ROADWAY TILE IMPROVEMENT ESTIMATE - OPEN CUT

County Ditch 59 Improvement of Main Open Ditch, Branch 309 & Branch C

RENVILLE COUNTY

BMI PROJECT NO. S15.112473

H:\RNC0\S15112473\3\_Design\A\_Calculations\[112473\_Road Authority Cost Estimate.xlsx]Roadway Costs Open Cut



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Date: 1/30/2024

Item No.	Item	Notes	Estimated Quantity	Unit	Unit Price	Total Amount	TH 71 Crossing	
							Qty.	Price
<b>BASE BID</b>								
1	EXPLORATORY EXCAVATION		3	HOURS	\$200.00	\$600.00	3	\$600.00
2	12" HICKENBOTTOM INTAKES		2	EACH	\$600.00	\$1,200.00	2	\$1,200.00
3	30" DRAIN TILE		150	LIN FT	\$40.00	\$6,000.00	150	\$6,000.00
4	INLET PROTECTION		2	EACH	\$100.00	\$200.00	2	\$200.00
5	RAPID STABILIZATION, METHOD 4		700	SQ YD	\$3.00	\$2,100.00	700	\$2,100.00
						<b>SUBTOTAL:</b>	<b>\$10,100.00</b>	<b>\$10,100.00</b>
						<b>SUBTOTAL CONSTRUCTION COST:</b>	<b>\$10,100.00</b>	<b>\$10,100.00</b>
						CONSTRUCTION CONTINGENCY (10%)	\$1,100.00	\$1,100.00
						<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>	<b>\$11,200.00</b>	<b>\$11,200.00</b>
						DESIGN, ADMINISTRATION AND CONSTRUCTION ENGINEERING:	\$2,300.00	\$2,300.00
						<b>TOTAL ESTIMATED PROJECT COST:</b>	<b>\$13,500.00</b>	<b>\$13,500.00</b>