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FINAL CONSTRUCTION REPORT

State of Minnesota
Renville County

In the Matter of
The Improvement of J.D. 15 Branch A
in Renville County, Minnesota

to the Drainage Authority:

I, Shaun P. Luker, Licensed Professional Engineer, representing the firm of Bolton and Menk, Inc., appointed as engineers for the construction of the improvement, do now report that the construction under the contract for this improvement has been substantially completed and that the ditch is ready for your final acceptance. The contractor has completed the work in general accordance with the specifications covering the project.

I. Cost Summary

The following is a summary of the costs for the project to November 2022 and a comparison to the estimated costs as presented in the Final Engineer's Report.

Item	Final Report Estimate (JD 15A)	Final Cost (JD 15A)
Tile Construction – Litzau Farm Drainage Inc.	\$826,352.00	\$871,632.02
Engineering	\$186,750.00	\$70,342.50
Engineering & Viewing up to the FER		\$70,212.55
Legal		\$2,454.00
Pending – Final Hearing and Closeout		\$5,000.00
Damages – Temporary Crop	\$24,762.00	\$26,292.00
SUBTOTAL	\$1,037,864.00	\$1,045,933.07
Contingency	\$82,640.00	\$0.00
TOTAL COST TO DATE	\$1,120,504.00	\$1,045,933.07

As you can see, the total cost of the improvement at this time is about 7% below the estimate for the project cost as contained in the Final Engineer's Report (Amendment 2).

A draft copy of the final pay estimate is attached to this report. A copy will also be sent to the contractor for their approval and concurrence on the final quantities.

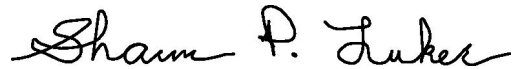
We recommend adjusting the Temporary Right-of-Way Crop Damages per the attached table. The change in crop damages is due to field adjustments in the tile alignment.

II. Final Project Closure:

The completed "Record Drawings" for the project will be prepared and presented to the County upon completion.

It is our recommendation that a hearing be held, that any unknown/outstanding final construction work items be resolved with the contractor and that the final payment be approved to the Contractor in accordance with the specifications in order to financially close the construction project.

Respectfully Submitted,
Bolton & Menk, Inc.



Shaun P. Luker, P.E.
Dated: January 10, 2023

Enclosures – Draft Final Pay Estimate
Temporary Right-of-Way Crop Damages

CONTRACTOR'S PAY REQUEST 4 & Final

**JUDICIAL DITCH 15 IMPROVEMENTS BRANCH A
 BUFFALO CREEK WATERSHED DISTRICT
 RENVILLE COUNTY, MN
 BMI PROJECT NO: S15.116846**

DISTRIBUTION:
CONTRACTOR (1)
OWNER (1)
ENGINEER (1)

TOTAL AMOUNT BID PLUS APPROVED CHANGE ORDERS	\$965,623.40
TOTAL, COMPLETED WORK TO DATE	\$871,632.02
TOTAL, STORED MATERIALS TO DATE	\$0.00
DEDUCTION FOR STORED MATERIALS USED IN WORK COMPLETED	\$0.00
TOTAL, COMPLETED WORK & STORED MATERIALS	\$871,632.02
RETAINED PERCENTAGE (0%)	\$0.00
TOTAL AMOUNT OF OTHER PAYMENTS OR (DEDUCTIONS)	\$0.00
NET AMOUNT DUE TO CONTRACTOR TO DATE	\$871,632.02
TOTAL AMOUNT PAID ON PREVIOUS ESTIMATES	\$773,218.37
PAY CONTRACTOR AS ESTIMATE NO. 4 & Final	\$98,413.65

Certificate for Final Payment

I hereby certify that, to the best of my knowledge and belief, all items quantities and prices of work and material shown on this Estimate are correct and that all work has been performed in full accordance with the terms and conditions of the Contract for this project between the Owner and the undersigned Contractor, and as amended by any authorized changes, and that the foregoing is a true and correct statement of the amount for the Final Estimate, that the provisions of M. S. 290.92 have been complied with and that all claims against me by reason of the Contract have been paid or satisfactorily secured.

Contractor: Litzau Farm Drainage Inc.
 14101 60th Ave. SE
 Atwater, MN 56209

By _____
 Name Title

Date _____

Approved _____
 Contractor's Surety

CHECKED AND APPROVED AS TO QUANTITIES AND AMOUNT:

ENGINEER: BOLTON & MENK, INC., 1243 CEDAR ST NE, SLEEPY EYE, MN 56085

By _____, CITY ENGINEER

Date _____

APPROVED FOR PAYMENT:

OWNER: BUFFALO CREEK WATERSHED DISTRICT, 83259 COUNTY ROAD 22, HECTOR, MN 55342

By _____
 Name Title Date

And _____
 Name Title Date

Partial Pay Estimate No.: 4 & Final

JUDICIAL DITCH 15 IMPROVEMENTS BRANCH A

BUFFALO CREEK WATERSHED DISTRICT

RENVILLE COUNTY, MN

BMI PROJECT NO: S15.116846

WORK COMPLETED THROUGH 1/9/2023

ITEM NO.	ITEM	UNIT PRICE	AS BID			PREVIOUS ESTIMATE			COMPLETED TO DATE		
			ESTIMATED QUANTITY		ESTIMATED AMOUNT	ESTIMATED QUANTITY		ESTIMATED AMOUNT	ESTIMATED QUANTITY		ESTIMATED AMOUNT
1	Mobilization	\$10,000.00	1	Lump Sum	\$10,000.00	1.00	Lump Sum	\$10,000.00	1	Lump Sum	\$10,000.00
2	Haul & Place Embankment	\$5.00	200	Cubic Yard	\$1,000.00	200	Cubic Yard	\$1,000.00	200	Cubic Yard	\$1,000.00
3	Aggregate Surfacing, Class 5	\$26.00	100	Ton	\$2,600.00	37	Ton	\$962.00	37	Ton	\$962.00
4	Exploratory Excavation	\$200.00	80	Hours	\$16,000.00	39	Hours	\$7,800.00	59	Hours	\$11,800.00
5	Drain Tile Connection	\$1,200.00	80	Each	\$96,000.00	94	Each	\$112,800.00	94	Each	\$112,800.00
6	Roadside Intakes	\$2,500.00	11	Each	\$27,500.00	10	Each	\$25,000.00	10	Each	\$25,000.00
7	Field Intakes	\$3,100.00	20	Each	\$62,000.00	13	Each	\$40,300.00	13	Each	\$40,300.00
8	Rock Intakes	\$1,300.00	10	Each	\$13,000.00	0	Each	\$0.00	0	Each	\$0.00
9	6" Drain Tile	\$16.30	1500	Linear Foot	\$24,450.00	1,174	Linear Foot	\$19,136.20	1,174	Linear Foot	\$19,136.20
10	8" Drain Tile	\$21.50	700	Linear Foot	\$15,050.00	538	Linear Foot	\$11,567.00	538	Linear Foot	\$11,567.00
11	8" Drain Tile - Trenchless Installation	\$80.00	100	Linear Foot	\$8,000.00	0	Linear Foot	\$0.00	0	Linear Foot	\$0.00
12	10" Drain Tile	\$19.20	1360	Linear Foot	\$26,112.00	850	Linear Foot	\$16,320.00	850	Linear Foot	\$16,320.00
13	12" Drain Tile	\$20.60	5300	Linear Foot	\$109,180.00	4,960	Linear Foot	\$102,176.00	4,960	Linear Foot	\$102,176.00
14	15" Drain Tile	\$22.18	1570	Linear Foot	\$34,822.60	1,584	Linear Foot	\$35,133.12	1,584	Linear Foot	\$35,133.12
15	18" Drain Tile	\$29.00	3700	Linear Foot	\$107,300.00	3,632	Linear Foot	\$105,328.00	3,632	Linear Foot	\$105,328.00
16	24" Drain Tile	\$36.00	6750	Linear Foot	\$243,000.00	6,765	Linear Foot	\$243,540.00	6,765	Linear Foot	\$243,540.00
17	30" Drain Tile	\$51.36	705	Linear Foot	\$36,208.80	720	Linear Foot	\$36,979.20	720	Linear Foot	\$36,979.20
18	36" Drain Tile	\$60.00	1450	Linear Foot	\$87,000.00	1,409	Linear Foot	\$84,540.00	1,409	Linear Foot	\$84,540.00
19	42" CS Pipe With Rodent Guard	\$182.50	20	Linear Foot	\$3,650.00	16	Linear Foot	\$2,920.00	16	Linear Foot	\$2,920.00
20	Televise Tile	\$0.50	23000	Linear Foot	\$11,500.00	17,001	Linear Foot	\$8,500.50	17,001	Linear Foot	\$8,500.50
21	Inlet Protection	\$150.00	40	Each	\$6,000.00	0	Each	\$0.00	0	Each	\$0.00
22	Riprap, Class 3	\$85.00	20	Cubic Yard	\$1,700.00	39	Cubic Yard	\$3,315.00	39	Cubic Yard	\$3,315.00
23	Rapid Stabilization, Method 4	\$2.50	2700	Square Yard	\$6,750.00	126	Square Yard	\$315.00	126	Square Yard	\$315.00
24	Mulch, Type 1	\$200.00	84	Ton	\$16,800.00	0	Ton	\$0.00	0	Ton	\$0.00
TOTAL AMOUNT:					\$965,623.40			\$867,632.02			\$871,632.02

Judicial Ditch No. 15 Branch A Improvement
 Renville County, MN

Right-of-way Table - Per Construction Field Measurements

H:\RNCO\S15116846\7_Construction\F_Quantities\[2022-8-24_116846_ROW_AS BUILTS.xlsx]Sheet1

6-Jan-22

H:\RNCO\S15116846\7_Construction\F_Quantities\[2022-8-24_116846_ROW_AS BUILTS.xlsx]Sheet1

Parcel No.	Property Owner	Legal Description	Improvement Right-of-Way		Amount/Ac	
			Station to Station	Area (Acres)	\$600	
Branch A42						
21-01200-00	Broderiux Investments, LLC	NE 1/4 SW 1/4 12-114-33	1+00	15+12	2.84	\$1,704.00
		SE 1/4 SW 1/4 12-114-33	15+12	23+03	1.78	\$1,068.00
21-01210-00	Jeffery Stamer	SW 1/4 SE 1/4 12-114-33	23+03	34+90	2.13	\$1,278.00
21-01250-00	Orville F & Doris Dean	NW 1/4 NE 1/4 13-114-33	35+56	50+25	2.95	\$1,770.00
		SE 1/4 NE 1/4 13-114-33	51+09	68+76	4.15	\$2,490.00
		SW 1/4 NW 1/4 18-114-32	68+76	69+98	0.23	\$138.00
21-01260-00	Douglas & Darlene Sandgrewn Trust	SW 1/4 NE 1/4 13-114-33	50+25	51+09	0.24	\$144.00
SUB TOTAL					14.32	\$8,592.00
Branch A52						
2-01200-00	Broderiux Investments, LLC	SE 1/4 SW 1/4 12-114-33	200+50	209+81	1.75	\$1,050.00
21-01210-00	Jeffery Stamer	SW 1/4 SE 1/4 12-114-33	200+50		0.03	\$18.00
21-01260-00	Douglas & Darlene Sandgren Trust	NE 1/4 NW 1/4 13-114-33	210+52	223+99	3.03	\$1,818.00
		NE 1/4 NE 1/4 13-114-33	250+61	263+39	2.36	\$1,416.00
21-01270-00	Wulkam Farms, LLC	SE 1/4 NE 1/4 13-114-33	223+99	237+30	2.81	\$1,686.00
		NE 1/4 SW 1/4 13-114-33	237+30	250+61	2.84	\$1,704.00
SUB TOTAL					12.82	\$7,692.00
Branch A56						
21-01250-00	Orville F & Doris Dean	SE 1/4 NE 1/4 13-114-32	313+45.00	314+87.00	0.10	\$60.00
21-01260-00	Douglas & Darlene Sandgren Trust	NE 1/4 SE 1/4 13-114-32	314+87	328+18	2.84	\$1,704.00
		SE 1/4 SE 1/4 13-114-32	328+18	333+50	0.11	\$66.00
SUB TOTAL					3.05	\$1,830.00
Branch A57						
17-01500-00	Orville F & Doris Dean	SW 1/4 NW 1/4 18-114-32	100+00	100+54	0.13	\$78.00
17-01510-00	Soost Brothers Partnership	NW 1/4 SW 1/4 18-114-32	100+54	114+83	3.13	\$1,878.00
		SW 1/4 SW 1/4 18-114-32	114+83	124+26	1.70	\$1,020.00
		SE 1/4 SW 1/4 18-114-32	124+26	137+17	2.78	\$1,668.00
SUB TOTAL					7.74	\$4,644.00
Branch A58						
17-01510-00	Soost Brothers Partnership	SE 1/4 SW 1/4 18-114-32	160+00	165+18	1.02	\$612.00
17-01590-00	David T. Ludowese	NE 1/4 NW 1/4 19-114-32	166+19	177+26	1.57	\$942.00
17-01600-00	Cardinal Family Farms, LLP	NW 1/4 NW 1/4 19-114-32	177+26	182+30	1.08	\$648.00
		SW 1/4 NW 1/4 19-114-32	182+30	184+00	0.32	\$192.00
SUB TOTAL					3.99	\$2,394.00

Judicial Ditch No. 15 Branch A Improvement

Renville County, MN

Right-of-way Table - Per Construction Field Measurements

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Parcel No.	Property Owner	Legal Description	Improvement Right-of-Way		Amount/Ac	
			Station to Station	Area (Acres)	\$600	
Branch A93						
17-01510-00	Soost Brothers Partnership	SE 1/4 SW 1/4 18-114-32	150+00	153+69	0.68	\$408.00
17-01520-00	Gregory Scott, ET. AL. Kulberg	SW 1/4 SE 1/4 18-114-32	154+37	155+50	0.12	\$72.00
SUB TOTAL					0.80	\$480.00
Branch A95						
17-01600-00	Cardinal Family Farms, LLP	SW 1/4 NW 1/4 19-114-32	300+00	306+10	0.97	\$582.00
17-01590-00	David T. Ludowese	SE 1/4 NW 1/4 19-114-32	306+10	307+00	0.13	\$78.00
SUB TOTAL					1.10	\$660.00
TOTAL					43.82	\$26,292.00