

Technical Memorandum

To: Larry Phillips, BCWD
Cc: Seth Sparks, Renville County
John Kolb, Rinke Noonan
From: Chris Otterness, PE
Houston Engineering, Inc.
Subject: Final Acceptance of the JD 15 Branch M20 Improvement Project
Date: December 20, 2022
Project: 6234-0024

INTRODUCTION

The purpose of this report is to certify final project acceptance and recommend final payment for the Judicial Ditch (JD) 15 Branch M20 Improvement Project near Buffalo Lake, MN. Minnesota Statute 103E.555 details specific requirements for the completion of public drainage system projects: *“When a contract is completed, the engineer shall make a report to the drainage authority showing the contract price, the amount paid on certificates, the unpaid balance, and the work that is completed under the contract.”* The following memorandum is intended to fulfill the requirements of this statute and provide a fiscal summary of the project.

PROJECT ROLES

The following is a summary of the individuals provide service and oversight related to the completion of this contract:

Engineer-of-Record:	Chris Otterness, P.E.(HEI)
Construction Observer:	Jared Thell (HEI)
On-site Drainage Authority Representative	Seth Sparks (Renville County)
Contractor (Prime):	Cooreman Contracting

PROJECT UPDATE

Cooreman Contracting has completed all work within the contract. Construction observation completed by HEI staff and supplemented by Renville County staff indicate that all project contract items have been fully completed consistent with the project plans and specifications. The project encountered substantially more lateral connections than anticipated (123 vs. 21), which increased the work complete by \$102,000 over the contract amount.



The Contractor has provided the proper documentation required for project closeout, including IC-134 forms from subcontractors. HEI has prepared a record drawing of the project which will be provided to Renville County staff.

PAYMENT RECOMMENDATION

Cooreman Companies has applied for final payment for work completed on the Project. The attached tabulation shows quantities as confirmed by the Engineer recommended for payment.

The following is a summary of payment:

Amount of original contract:	\$ 722,946.10
Change Orders	<u>\$ 1,575.00</u>
Final Contract Amount:	\$ 724,521.10
Total work completed	\$ 841,977.51
Retainage (5%)	\$ 0.00
Partial Payment 1	\$ 160,875.85
Partial Payment 2	\$ 231,785.75
Partial Payment 3	<u>\$ 401,436.52</u>
Recommended Final Payment:	\$ 47,846.38


COMPLETION OF CONTRACT

We recommend that the Buffalo Creek Watershed District accept the completion of the project and the contract with Cooreman Contracting. We further recommend release of retainage and final payment to Cooreman Contracting in the amount of \$47,846.38. We recommend the Drainage Authority apply damage payments as indicated in the Viewer's Report.

ENGINEER'S CERTIFICATION

The undersigned certifies that the work has been carefully inspected and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.

Engineer: Chris Otterness, P.E. Houston Engineering, Inc. MN Reg. #41961

Signature: 

Date: December 20, 2022



**SECTION 00920
PARTIAL PAYMENT CERTIFICATION**

OWNER: Buffalo Creek Watershed District
PROJECT: JD 15 Br M20 Improvement

CONTRACTOR: Cooreman Contracting, Inc.
ENGINEER: Houston Engineering Inc.

PARTIAL PAYMENT: #3
PERIOD OF ESTIMATE: 8/16/2022 to 12/15/2022

CONTRACT TIME:
Original Days: 287
Revisions: 0
Days Remaining: 91
On Schedule (y/n): y
Starting Date: May 9, 2022
Projected Completion: November 15, 2022

CONTRACT CHANGE ORDER SUMMARY

No.	Deduction	Additions
1		\$225/hour
Totals		
	Net Change to Contract	\$225/hour

ESTIMATE

Original Contract Amount.....	\$ 722,946.10
Change Orders.....	\$ 1,575.00 to date
Revised Contract Amount.....	\$ 724,521.10 to date
Completed to Date Amount.....	\$ 841,977.51
Materials On-Site.....	\$
Subtotal.....	\$ 841,977.51
Retainage.....	\$.000
Previous Payments.....	\$ 794,131.12
Amount Due This Payment.....	\$ 47,846.38

(see attached breakdown)

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that to the best of their knowledge, information and belief, the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the Contractor for work for which previous payment estimates were issued and for which payments were received from the Owner, and that current payment shown herein is now due.

RELEASE OF CLAIMS AND WAIVER OF LIEN: NOW THEREFORE, upon receipt of the above payment amount, the undersigned does hereby irrevocably releases and waives any and all claims for payment of any type for any work up through and including the date of this application, and irrevocably releases and waives all bond claims, construction liens, mechanic's liens, and/or other liens, or right to claim any against the above project or any part thereof.

Contractor: Cooreman Contracting, Inc.
By: *Pamela G. Cooreman*
Date: 12-19-22

ENGINEER'S CERTIFICATION

The undersigned certifies that the work has been carefully inspected and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.

Engineer: Houston Engineering, Inc.
By: *Cheryl [Signature]*
Date: 12/15/2022

OWNER'S APPROVAL

Owner: Buffalo Creek Watershed District
By: _____
Date: _____



PROGRESS PAYMENT
JD 15 Br M20 Improvement
Tracking Quantities

Project No.: 6234-0024
Period From: Aug 17, 2022
Period To: Dec 14, 2022

Partial Payment #4

Works Completed to:

Owner: BCWD
Contractor: Cooreman Contracting, Inc.
Purchase Order:

Recommended for Payment:

 Larry Phillips
 Contract Administrator

Item	Contract Amount	Previous Amount	Amount This Period	Payable To Date	Value Paid To Date
Table	\$ 722,946.10	\$ 828,165.00	\$ 6,050.00	\$ 834,215.00	115.39 %
Contingency	\$ 36,147.31				
Change Orders	\$ 0.00	\$ 7,762.50	\$ 0.00	\$ 7,762.50	0.00 %
Total	\$ 759,093.41	\$ 835,927.50	\$ 6,050.00	\$ 841,977.50	110.92 %
5		-\$ 41,796.38	\$ 0.00	-\$ 41,796.38	
5 Released		\$ 0.00	\$ 41,796.38	\$ 41,796.38	
Sub-Total	\$ 759,093.41	\$ 794,131.13	\$ 47,846.38	\$ 841,977.50	
Tax (0%)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
Grand Total	\$ 759,093.41	\$ 794,131.13	\$ 47,846.38	\$ 841,977.51	110.92 %

Schedule of Unit Prices

Project No.: 6234-0024

PO Number:

Cooreman Contracting, Inc.

Item No.	Description	Est. Qty.	Unit	Unit Price	Total Price	Previous Quantity	Previous Value	Quantity This Period	Value This Period	Payable Qty To Date	Payable Value To Date	Value Paid To Date
Table												
1	Mobilization	1	LS	\$ 46,500.00	\$ 46,500.00	1	\$ 46,500.00	0	\$ 0.00	1	\$ 46,500.00	100.00 %
2	Crush Tile & Leave Inplace	1800	Ln Ft	\$ 4.00	\$ 7,200.00	4715	\$ 18,860.00	0	\$ 0.00	4715	\$ 18,860.00	261.94 %
3	Water Control	1	LS	\$ 2,000.00	\$ 2,000.00	1	\$ 2,000.00	0	\$ 0.00	1	\$ 2,000.00	100.00 %
4	Connect to Existing Lateral	21	Ea	\$ 1,000.00	\$ 21,000.00	123	\$ 123,000.00	0	\$ 0.00	123	\$ 123,000.00	585.71 %
5	Standard Surface Inlet	16	Ea	\$ 550.00	\$ 8,800.00	16	\$ 8,800.00	0	\$ 0.00	16	\$ 8,800.00	100.00 %
6	Hickenbottom Inlet	6	Ea	\$ 2,500.00	\$ 15,000.00	7	\$ 17,500.00	0	\$ 0.00	7	\$ 17,500.00	116.67 %
7	Televising Inlet - Standard	6	Ea	\$ 1,600.00	\$ 9,600.00	12	\$ 19,200.00	0	\$ 0.00	12	\$ 19,200.00	200.00 %
8	Televising Inlet - Hickenbottom	9	Ea	\$ 1,400.00	\$ 12,600.00	2	\$ 2,800.00	0	\$ 0.00	2	\$ 2,800.00	22.22 %
9	"6"" Perforated Tile"	5419	Ln Ft	\$ 12.00	\$ 65,028.00	5420	\$ 65,040.00	0	\$ 0.00	5420	\$ 65,040.00	100.02 %
10	"8"" Perforated Tile"	6523	Ln Ft	\$ 15.25	\$ 99,475.75	6342	\$ 96,715.50	0	\$ 0.00	6342	\$ 96,715.50	97.23 %
11	"10"" Perforated Tile"	7092	Ln Ft	\$ 16.50	\$ 117,018.00	7260	\$ 119,790.00	0	\$ 0.00	7260	\$ 119,790.00	102.37 %
12	"12"" Perforated Tile"	1581	Ln Ft	\$ 16.50	\$ 26,086.50	1680	\$ 27,720.00	0	\$ 0.00	1680	\$ 27,720.00	106.26 %
13	"15"" Perforated Tile"	3992	Ln Ft	\$ 20.00	\$ 79,840.00	3910	\$ 78,200.00	0	\$ 0.00	3910	\$ 78,200.00	97.95 %
14	"24"" Perforated Tile"	4099	Ln Ft	\$ 35.00	\$ 143,465.00	4080	\$ 142,800.00	0	\$ 0.00	4080	\$ 142,800.00	99.54 %
15	Televising of Installed Tile	23287	Ln Ft	\$ 0.55	\$ 12,807.85	0	\$ 0.00	11000	\$ 6,050.00	11000	\$ 6,050.00	47.24 %
16	Traffic Control	1	LS	\$ 500.00	\$ 500.00	1	\$ 500.00	0	\$ 0.00	1	\$ 500.00	100.00 %
17	"24"" Steel Casing Pipe - Jacked"	150	Ln Ft	\$ 325.00	\$ 48,750.00	160	\$ 52,000.00	0	\$ 0.00	160	\$ 52,000.00	106.67 %
18	Gravel Roadway Patch	4	Ea	\$ 1,000.00	\$ 4,000.00	4	\$ 4,000.00	0	\$ 0.00	4	\$ 4,000.00	100.00 %
19	SWPPP Reporting	1	LS	\$ 1,000.00	\$ 1,000.00	1	\$ 1,000.00	0	\$ 0.00	1	\$ 1,000.00	100.00 %
20	Seeding and Mulch (P)	0.5	Acre	\$ 1,750.00	\$ 875.00	0.28	\$ 490.00	0	\$ 0.00	0.28	\$ 490.00	56.00 %
21	Silt Fence Type PA	100	Ln Ft	\$ 3.50	\$ 350.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0.00 %
22	Erosion Control Blanket Category 3	600	Sq Yd	\$ 1.75	\$ 1,050.00	714	\$ 1,249.50	0	\$ 0.00	714	\$ 1,249.50	119.00 %
Sub-Total Table:					\$ 722,946.10		\$ 828,165.00		\$ 6,050.00		\$ 834,215.00	115.39 %
Change Orders												
Change Order 001 - Exploratory Excavation												
Locate existing tiles, scout lateral connections, and determine if tiles can be abandoned or require patches or connections when encountered.												
Exploratory Excavation												
1	Exploratory Excavation	0	Hour	\$ 225.00	\$ 0.00	34.5	\$ 7,762.50	0	\$ 0.00	34.5	\$ 7,762.50	0.00 %
Sub-Total Change Orders:					\$ 0.00		\$ 7,762.50		\$ 0.00		\$ 7,762.50	0.00 %