



STAFF REPORT

DATE: August 17, 2021

CONSENT

AGENDA ITEM: Accept Improvements and Approve Pay Request No. 3 (Final) for the 31st Street & Stillwater Boulevard Watermain Extension

SUBMITTED BY: Mark Scholle, Project Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Jack Griffin, City Engineer

ISSUE BEFORE COUNCIL: Should the City Council accept the improvements and approve Pay Request No. 3 (Final) for the 31st Street & Stillwater Boulevard Watermain Extension?

BACKGROUND: Miller Excavating, Inc. was awarded a construction contract on May 5, 2020 to complete the 31st Street & Stillwater Boulevard Watermain Extension. On September 15, 2020 the City approved Change Order No. 1 to significantly revise the watermain alignment and scope of work in order to avoid the UPRR crossing and reduce the overall project costs roughly \$80,000. The change in project scope delayed the start of the work until early October, 2020. The original project contract had a required substantial completion date of October 31st, 2020 and final completion date of November 13, 2020. However, the City approved Change Order No. 2 on November 17, 2020 to revise the substantial completion date to June 17, 2021 and the final completion date to June 30, 2021. The contractor has completed the work in accordance with the contract, plans, and specifications, including all punch list items.

PROPOSAL DETAILS/ANALYSIS: Miller Excavating, Inc., has submitted Partial Pay Request No. 3 (Final) in the amount of \$14,161.93. The Project Engineer has prepared a Certificate of Completion indicating that all work is completed, including all punch list items, and is recommending the acceptance of the improvements and release of final retainage. Project acceptance will initiate the one-year warranty period for the improvements. The one-year warranty will begin on August 17, 2021 and will extend through August 17, 2022.

FISCAL IMPACT: The final total construction cost is \$275,267.19 which is 17.2% under the original construction contract amount of \$332,293.33. The project is funded by a MPCA grant agreement.

RECOMMENDATION: Staff is recommending that the City Council, *as part of the Consent Agenda*, accept the improvements and approve Pay Request No. 3 (Final) for the 31st Street & Stillwater Boulevard Watermain Extension. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to accept the improvements for the 31st Street & Stillwater Boulevard Watermain Extension and approve Pay Request No. 3 (Final) to Miller Excavating, Inc. in the amount of \$14,161.93”.

ATTACHMENTS:

1. Partial Pay Estimate No. 4 (Final).
2. Certificate of Completion.

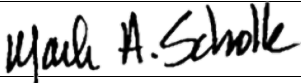
CERTIFICATE OF COMPLETION

DATE OF ISSUANCE: AUGUST 17, 2021

OWNER:	<u>CITY OF LAKE ELMO, MN</u>
CONTRACTOR:	<u>MILLER EXCAVATING</u>
PROJECT NAME:	<u>31ST ST – STILLWATER BOULEVARD WATERMAIN EXTENSION</u>
PROJECT NO.:	<u>2019.124</u>

- ☒ This Certification of Completion applies to all work under the Contract Documents
☐ This Certification of Completion applies to the following specified parts of the Contract Documents

I do hereby certify that the work to which this Certificate applies has been constructed in accordance with the Contract dated May 6, 2020. The above-mentioned improvement is hereby declared to be complete and acceptance of this work is recommended.

DATE OF COMPLETION: August 17, 2021Mark Scholle Reg. No. 40483
FOCUS Engineering, Inc.

THE WARRANTY PERIOD BEGINS August 17, 2021 AND ENDS August 17, 2022

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>3 (FINAL)</u>		FOCUS ENGINEERING, inc.	
31ST STREET - STILLWATER BLVD WATERMAIN EXTENSION PROJECT NO. 2019.124		PERIOD OF ESTIMATE FROM <u>4/30/2021</u> TO <u>6/30/2021</u>	
PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER		CONTRACTOR: MILLER EXCAVATING 3741 STAGECOACH TRAIL N STILLWATER, MN 55082 ATTN: JARED RICHERT, PROJECT MANAGER	
CONTRACT CHANGE ORDER SUMMARY		PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount	
		Additions Deductions	
CO1	9/15/2020		1. Original Contract Amount <u>\$332,293.33</u>
CO2	11/17/2020	\$56,919.12	2. Net Change Order Sum <u>-\$57,026.14</u>
CCO3	8/4/2021	\$107.02	3. Revised Contract (1+2) <u>\$275,267.19</u>
			4. *Work Completed <u>\$275,267.19</u>
			5. *Stored Materials <u>\$0.00</u>
			6. Subtotal (4+5) <u>\$275,267.19</u>
			7. Retainage* <u>0.0%</u> <u>\$0.00</u>
			8. Previous Payments <u>\$261,105.26</u>
			9. Amount Due (6-7-8) <u>\$14,161.93</u>
TOTALS		\$0.00 \$57,026.14	
NET CHANGE		(\$57,026.14)	*Detailed Breakdown Attached
CONTRACT TIME			
START DATE: <u>8/7/2020</u>		ORIGINAL DAYS <u>327</u>	ON SCHEDULE
SUBSTANTIAL COMPLETION: <u>6/17/2021</u>		REVISED DAYS <u>0</u>	YES <input checked="" type="checkbox"/>
FINAL COMPLETION: <u>6/30/2021</u>		REMAINING <u>0</u>	NO <input type="checkbox"/>
ENGINEER'S CERTIFICATION: The undersigned certifies that the work has been reviewed 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.		FOCUS Engineering, inc. <u>Mark A. Scholtz</u> ENGINEER <u>8-2-21</u> DATE	
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 was issued and payments received from the owner, and that current payment shown herein is now due.		CONTRACTOR <u>Alby Hackett</u> BY <u>7/13/21</u> DATE	
APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA			
BY _____		BY _____	
DATE _____		DATE _____	

PARTIAL PAY ESTIMATE NO. 3 (FINAL)

31ST STREET - STILLWATER BLVD WATERMAIN EXTENSION
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2019.124

FOCUS ENGINEERING, inc.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
BASE BID									
1	MOBILIZATION	LS	1	\$16,052.79	\$16,052.79	0.00	\$0.00	1.00	\$16,052.79
2	TRAFFIC CONTROL	LS	1	\$13,984.94	\$13,984.94	0.03	\$419.55	1.00	\$13,984.94
3	GRUBBING	EA	1	\$276.37	\$276.37	0.00	\$0.00	0.00	\$0.00
4	CONNECT TO EXISTING 12" WATER MAIN	EA	1	\$3,789.51	\$3,789.51	0.00	\$0.00	1.00	\$3,789.51
5	HYDRANT	EA	3	\$4,938.27	\$14,814.81	0.00	\$0.00	3.00	\$14,814.81
6	HYDRANT EXTENSION	LF	2	\$694.36	\$1,388.72	0.00	\$0.00	0.00	\$0.00
7	6" GATE VALVE AND BOX	EA	3	\$1,823.25	\$5,469.75	0.00	\$0.00	3.00	\$5,469.75
8	8" GATE VALVE AND BOX	EA	2	\$2,317.78	\$4,635.56	0.00	\$0.00	2.00	\$4,635.56
9	VALVE BOX EXTENSION	LF	2	\$388.54	\$777.08	0.00	\$0.00	0.00	\$0.00
10	1" TYPE "K" COPPER WATER SERVICE	LF	160	\$72.59	\$11,614.40	0.00	\$0.00	161.00	\$11,686.99
11	1" CORPORATION STOP W/ SADDLE	EA	2	\$905.51	\$1,811.02	0.00	\$0.00	6.00	\$5,433.06
12	1" CORPORATION STOP	EA	4	\$732.87	\$2,931.48	0.00	\$0.00	0.00	\$0.00
13	1" CURB STOP & BOX	EA	6	\$535.92	\$3,215.52	0.00	\$0.00	6.00	\$3,215.52
14	6" DIP, CL. 52 WATER MAIN	LF	15	\$63.75	\$956.25	0.00	\$0.00	10.00	\$637.50
15	8" DIP, CL. 52 WATER MAIN	LF	70	\$72.74	\$5,091.80	0.00	\$0.00	82.00	\$5,964.68
16	12" DIP, CL. 52 WATER MAIN	LF	20	\$134.44	\$2,688.80	0.00	\$0.00	0.00	\$0.00
17	10" HDPE WATER MAIN, DIRECTIONAL DRILL	LF	900	\$55.36	\$49,824.00	0.00	\$0.00	845.00	\$46,779.20
18	BORING PITS	LS	1	\$24,163.60	\$24,163.60	0.00	\$0.00	0.00	\$0.00
19	8" DIP, CL. 52 WATERMAIN (IN CASING)	LF	216	\$36.81	\$7,950.96	0.00	\$0.00	0.00	\$0.00
20	30" MIN. STEEL CASING (TRENCHLESS)	LF	216	\$563.02	\$121,612.32	0.00	\$0.00	0.00	\$0.00
21	TUNNEL OBSTRUCTION	EA	2	\$2,931.17	\$5,862.34	0.00	\$0.00	0.00	\$0.00
22	DUCTILE IRON FITTINGS	LB	520	\$10.64	\$5,532.80	0.00	\$0.00	520.00	\$5,532.80
23	10" HDPE TO 8" DIP TRANSITION FITTING	EA	8	\$342.16	\$2,737.28	0.00	\$0.00	8.00	\$2,737.28
24	OFF ROAD STRUCTURE MARKER	EA	1	\$57.86	\$57.86	0.00	\$0.00	1.00	\$57.86
25	SALVAGE AND REINSTALL MAILBOX	EA	1	\$198.61	\$198.61	0.00	\$0.00	0.00	\$0.00
26	TEMPORARY MAILBOX	EA	7	\$59.78	\$418.46	0.00	\$0.00	0.00	\$0.00
27	REMOVE AND REPLACE GRAVEL STREET	SY	118	\$15.23	\$1,797.14	0.00	\$0.00	118.00	\$1,797.14
28	PATCH BITUMINOUS DRIVEWAY	SY	20	\$66.52	\$1,330.40	0.00	\$0.00	0.00	\$0.00
29	AGGREGATE BASE CLASS 2	TON	50	\$35.77	\$1,788.50	0.00	\$0.00	130.00	\$4,650.10
30	TOPSOIL BORROW (CV)	CY	112	\$54.73	\$6,129.76	0.00	\$0.00	122.00	\$6,677.06
31	SEED & EROSION CONTROL BLANKET	SY	500	\$3.52	\$1,760.00	0.00	\$0.00	0.00	\$0.00
32	SOD	SY	500	\$17.59	\$8,795.00	0.00	\$0.00	0.00	\$0.00
33	SILT FENCE, MACHINE SLICED	LF	450	\$4.69	\$2,110.50	0.00	\$0.00	0.00	\$0.00
34	STREET SWEEPER WITH PICK UP BROOM	HR	5	\$145.00	\$725.00	0.00	\$0.00	2.00	\$290.00
BASE BID			\$332,293.33			\$419.55		\$154,206.55	

TOTALS - BASE CONTRACT

\$332,293.33

\$419.55

\$154,206.55

CHANGE ORDER NO. 1									
CO1-1	HYDRANT	EA	1.0	\$4,938.27	\$4,938.27	0.00	\$0.00	1.0	\$4,938.27
CO1-2	6" GATE VALVE & BOX	EA	1.0	\$1,823.25	\$1,823.25	0.00	\$0.00	1.0	\$1,823.25
CO1-3	12" GATE VALVE & BOX	EA	1.0	\$4,614.58	\$4,614.58	0.00	\$0.00	1.0	\$4,614.58
CO1-4	VALVE BOX EXTENSION	EA	1.0	\$388.54	\$388.54	0.00	\$0.00	0.0	\$0.00
CO1-5	6" DIP, CL. 52 WATER MAIN	LF	13.0	\$63.75	\$828.75	0.00	\$0.00	13.0	\$828.75
CO1-6	12" DIP, CL. 52 WATER MAIN	LF	-20.0	\$134.44	-\$2,688.80	0.00	\$0.00	0.0	\$0.00
CO1-7	12" DIP, CL. 52 WATER MAIN	LF	75.0	\$134.44	\$10,083.00	0.00	\$0.00	98.0	\$13,175.12
CO1-8	10" HDPE WATERMAIN, DIRECTIONAL DRILL	LF	930.0	\$61.80	\$57,474.00	0.00	\$0.00	879.0	\$54,322.20
CO1-9	BORING PITS	LS	-1.0	\$24,163.60	-\$24,163.60	0.00	\$0.00	0.0	\$0.00
CO1-10	8" DIP, CL. 52 WATERMAIN (IN CASING)	LF	-216.0	\$36.81	-\$7,950.96	0.00	\$0.00	0.0	\$0.00
CO1-11	30" MIN. STEEL CASING (TRENCHLESS)	LF	-216.0	\$563.02	-\$121,612.32	0.00	\$0.00	0.0	\$0.00
CO1-12	30" STEEL CASING RESTOCKING FEE	LS	1.0	\$9,105.00	\$9,105.00	0.00	\$0.00	1.0	\$9,105.00
CO1-13	TUNNEL OBSTRUCTION	EA	-2.0	\$2,931.17	-\$5,862.34	0.00	\$0.00	0.0	\$0.00
CO1-14	DUCTILE IRON FITTINGS	LBS	350.0	\$10.64	\$3,724.00	0.00	\$0.00	390.0	\$4,149.60
CO1-15	10" HDPE TO 8" DIP TRANSITION FITTING	EA	2.0	\$342.16	\$684.32	0.00	\$0.00	2.0	\$684.32
CO1-16	SALVAGE AND REINSTALL MAILBOX	EA	-1.0	\$198.61	-\$198.61	0.00	\$0.00	0.0	\$0.00
CO1-17	REMOVE AND REPLACE GRAVEL STREET	SY	50.0	\$15.23	\$761.50	0.00	\$0.00	50.0	\$761.50
CO1-18	REMOVE BITUMINOUS PAVEMENT - STREET PATCH	SY	120.0	\$4.00	\$480.00	0.00	\$0.00	234.0	\$936.00
CO1-19	COMMON EXCAVATION (EV) - STREET PATCH	CY	40.0	\$16.75	\$670.00	0.00	\$0.00	93.0	\$1,557.75

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
CO1-20	AGGREGATE BASE CLASS 6 - STREET PATCH	TN	80.0	\$31.55	\$2,524.00	0.00	\$0.00	172.4	\$5,439.85
CO1-21	BITUMINOUS PAVEMENT SPWEB340B - STREET PATCH	TN	30.0	\$208.20	\$6,246.00	0.00	\$0.00	75.8	\$15,789.89
CO1-22	BITUMINOUS TACK COAT	GAL	10.0	\$2.00	\$20.00	0.00	\$0.00	10.0	\$20.00
CO1-23	TOPSOIL BORROW (CV)	CY	10.0	\$54.73	\$547.30	0.00	\$0.00	0.0	\$0.00
CO1-24	SEED & EROSION CONTROL BLANKET	SY	50.0	\$3.52	\$176.00	0.00	\$0.00	828.0	\$2,914.56
CO1-25	SILT FENCE, MACHINE SLICED	LF	100.0	\$4.69	\$469.00	0.00	\$0.00	0.0	\$0.00
SUBTOTAL - CHANGE ORDER NO. 1					-\$56,919.12		\$0.00		\$121,060.64

CHANGE ORDER NO. 3									
CO3-1	COMPENSATING CHANGE ORDER	LS	1.0	-\$107.02	-\$107.02	0.00	\$0.00	0.0	\$0.00
SUBTOTAL - CHANGE ORDER NO. 3					-\$107.02		\$0.00		\$0.00

TOTALS - REVISED CONTRACT

\$275,267.19

\$419.55

\$275,267.19