



DATE: November 16, 2021
CONSENT

AGENDA ITEM: Accept Improvements and Approve Pay Request No. 8 (Final) for the Stonegate Addition Street & Utility Improvements

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Chad Isakson, Assistant City Engineer
Mark Scholle, Project Engineer

ISSUE BEFORE COUNCIL: Should the City Council accept the improvements and approve Pay Request No. 8 (Final) for the Stonegate Addition Street & Utility Improvements?

BACKGROUND: A-1 Excavating, Inc. was awarded a construction contract on May 5, 2020 to complete the Stonegate Addition Street & Utility Improvements. The contractor has now completed the work in accordance with the contract, plans, and specifications, including all punch list items.

PROPOSAL DETAILS/ANALYSIS: A-1 Excavating, Inc., has submitted Partial Pay Request No. 8 (Final) in the amount of \$131,514.85. 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 November 16, 2021 and will extend through November 16, 2022.

FISCAL IMPACT: The final total construction cost is \$2,630,296.98 which is 2.3% under the original construction contract amount of \$2,692,593.75. The total project costs are running almost \$300,000 under budget and the approved MPCA Grant Agreement.

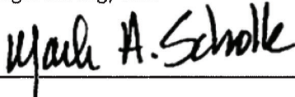

RECOMMENDATION: Staff is recommending that the City Council, *as part of the Consent Agenda*, accept the improvements and approve Pay Request No. 8 (Final) for the Stonegate Addition Street & Utility Improvements. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to accept the improvements for the Stonegate Addition Street & Utility Improvements and approve Pay Request No. 8 (Final) to A-1 Excavating, Inc. in the amount of \$131,514.85”.

ATTACHMENTS:

1. Partial Pay Estimate No. 8 (Final).
2. Certificate of Completion.

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>8 (FINAL)</u>			FOCUS ENGINEERING, inc.		
STONEGATE STREET & UTILITY IMPROVEMENTS PROJECT NO. 2019.120			PERIOD OF ESTIMATE FROM <u>6/1/2021</u> TO <u>9/30/2021</u>		
PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER			CONTRACTOR: A-1 EXCAVATING, INC. PO BOX 90 BLOOMER, WI 54724 ATTN: LYNN BENDER, PROJECT MANAGER		
CONTRACT CHANGE ORDER SUMMARY			PAY ESTIMATE SUMMARY		
No.	Approval Date	Amount			
		Additions Deductions			
CO1	8/18/2020	\$4,560.60	1. Original Contract Amount <u>\$2,692,593.75</u>		
CO2	9/15/2020	\$2,700.00	2. Net Change Order Sum <u>-\$62,296.77</u>		
CO3	9/21/2020		3. Revised Contract (1+2) <u>\$2,630,296.98</u>		
CCO4	11/16/2021	\$69,557.37	4. *Work Completed <u>\$2,630,296.98</u>		
			5. *Stored Materials <u>\$0.00</u>		
			6. Subtotal (4+5) <u>\$2,630,296.98</u>		
			7. Retainage* <u>0.0%</u> <u>\$0.00</u>		
			8. Previous Payments <u>\$2,498,782.13</u>		
			9. Amount Due (6-7-8) <u>\$131,514.85</u>		
TOTALS		\$7,260.60 \$69,557.37			
NET CHANGE		(\$62,296.77)	*Detailed Breakdown Attached		
CONTRACT TIME					
START DATE: <u>6/15/2020</u>		ORIGINAL DAYS <u>151</u>		ON SCHEDULE	
SUBSTANTIAL COMPLETION: <u>10/3/2020</u>		REVISED DAYS <u>0</u>		YES <input type="checkbox"/>	
FINAL COMPLETION: <u>11/13/2020</u>		REMAINING <u>-321</u>		NO <input checked="" 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.  ENGINEER <u>11-08-21</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  BY <u>11-1-21</u> DATE		
APPROVED BY OWNER: <u>CITY OF LAKE ELMO, MINNESOTA</u>					
BY _____			BY _____		
DATE _____			DATE _____		

PARTIAL PAY ESTIMATE NO. 8 (FINAL)

STONEGATE STREET & UTILITY IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2019.120

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	\$162,500.00	\$162,500.00	0.00	\$0.00	1.00	\$162,500.00
2	TRAFFIC CONTROL	LS	1	\$10,800.00	\$10,800.00	0.00	\$0.00	1.00	\$10,800.00
3	INLET PROTECTION	EA	57	\$120.00	\$6,840.00	0.00	\$0.00	58.00	\$6,960.00
4	SILT FENCE, HAND INSTALLED	LF	230	\$3.00	\$690.00	0.00	\$0.00	0.00	\$0.00
5	CLEARING	EA	25	\$210.00	\$5,250.00	0.00	\$0.00	32.00	\$6,720.00
6	GRUBBING	EA	25	\$250.00	\$6,250.00	0.00	\$0.00	28.00	\$7,000.00
7	REMOVE WATERMAIN PIPE	LF	20	\$10.00	\$200.00	0.00	\$0.00	12.00	\$120.00
8	CONNECT TO EXISTING 12" WATERMAIN	EA	1	\$2,460.00	\$2,460.00	0.00	\$0.00	1.00	\$2,460.00
9	CUT TEE INTO EXISTING 12" WATERMAIN	EA	1	\$2,660.00	\$2,660.00	0.00	\$0.00	1.00	\$2,660.00
10	HYDRANT	EA	23	\$7,050.00	\$162,150.00	0.00	\$0.00	26.00	\$183,300.00
11	HYDRANT EXTENSION	LF	11.5	\$875.00	\$10,062.50	0.00	\$0.00	11.00	\$9,625.00
12	6" GATE VALVE AND BOX	EA	23	\$1,425.00	\$32,775.00	0.00	\$0.00	26.00	\$37,050.00
13	8" GATE VALVE AND BOX	EA	11	\$2,000.00	\$22,000.00	0.00	\$0.00	11.00	\$22,000.00
14	12" GATE VALVE AND BOX	EA	13	\$5,180.00	\$67,340.00	0.00	\$0.00	13.00	\$67,340.00
15	PRESSURE REDUCING VALVE STATION	LS	1	\$43,000.00	\$43,000.00	0.00	\$0.00	1.00	\$43,000.00
16	VALVE BOX EXTENSION	LF	23.5	\$130.00	\$3,055.00	0.00	\$0.00	20.00	\$2,600.00
17	1.5" CORPORATION STOP W/ SADDLE	EA	59	\$900.00	\$53,100.00	0.00	\$0.00	65.00	\$58,500.00
18	1.5" CORPORATION STOP	EA	6	\$690.00	\$4,140.00	0.00	\$0.00	0.00	\$0.00
19	1.5" CURB STOP & BOX	EA	65	\$1,010.00	\$65,650.00	0.00	\$0.00	65.00	\$65,650.00
20	1.5" TYPE "K" COPPER WATER SERVICE	LF	1650	\$51.00	\$84,150.00	0.00	\$0.00	1,623.00	\$82,773.00
21	1.5" TYPE "K" COPPER WATER SERVICE, DIRECTIONAL DRILL	LF	1150	\$45.00	\$51,750.00	0.00	\$0.00	1,165.00	\$52,425.00
22	6" DIP, CL. 52 WATERMAIN, INCL POLY WRAP	LF	205	\$71.00	\$14,555.00	0.00	\$0.00	229.00	\$16,259.00
23	8" DIP, CL. 52 WATERMAIN, INCL POLY WRAP	LF	340	\$79.00	\$26,860.00	0.00	\$0.00	193.00	\$15,247.00
24	12" DIP, CL. 52 WATERMAIN, INCL POLY WRAP	LF	340	\$98.00	\$33,320.00	0.00	\$0.00	350.00	\$34,300.00
25	10" HDPE WATERMAIN, DIRECTIONAL DRILL	LF	6225	\$45.00	\$280,125.00	0.00	\$0.00	5,965.00	\$268,425.00
26	14" HDPE WATERMAIN, DIRECTIONAL DRILL	LF	6650	\$67.00	\$445,550.00	0.00	\$0.00	6,280.00	\$420,760.00
27	DUCTILE IRON FITTINGS	LB	4300	\$11.00	\$47,300.00	0.00	\$0.00	4,674.00	\$51,414.00
28	10" HDPE TO 8" DIP TRANSITION FITTING	EA	30	\$1,030.00	\$30,900.00	0.00	\$0.00	38.00	\$39,140.00
29	14" HDPE TO 12" DIP TRANSITION FITTING	EA	31	\$1,230.00	\$38,130.00	0.00	\$0.00	28.00	\$34,440.00
30	2" POLYSTYRENE INSULATION	SY	51	\$36.00	\$1,836.00	0.00	\$0.00	32.40	\$1,166.40
31	OFF ROAD STRUCTURE MARKER	EA	1	\$120.00	\$120.00	0.00	\$0.00	1.00	\$120.00
32	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE	LF	85	\$15.00	\$1,275.00	0.00	\$0.00	85.00	\$1,275.00
33	REMOVE AND DISPOSE OF EXISTING STORM SEWER STRUCTURE	EA	5	\$450.00	\$2,250.00	0.00	\$0.00	5.00	\$2,250.00
34	REMOVE AND REPLACE 24" FES, INCL TRASH GUARD	EA	1	\$2,000.00	\$2,000.00	0.00	\$0.00	1.00	\$2,000.00
35	CONNECT EXISTING STORM SEWER PIPE TO NEW STRUCTURE	EA	4	\$900.00	\$3,600.00	0.00	\$0.00	4.00	\$3,600.00
36	SALVAGE AND REINSTALL 18" RCP FLARED END SECTION	EA	1	\$550.00	\$550.00	0.00	\$0.00	1.00	\$550.00
37	SALVAGE AND REINSTALL 36" RCP FLARED END SECTION	EA	1	\$750.00	\$750.00	0.00	\$0.00	1.00	\$750.00
38	TRASH GUARD FOR 24" RCP FLARED END SECTION	EA	1	\$1,500.00	\$1,500.00	0.00	\$0.00	1.00	\$1,500.00
39	15" RCP STORM SEWER, CL 5	LF	1140	\$60.00	\$68,400.00	0.00	\$0.00	1,178.00	\$70,680.00
40	2'X3' CATCH BASIN WITH CASTING PER DETAIL 404	EA	4	\$2,440.00	\$9,760.00	0.00	\$0.00	4.00	\$9,760.00
41	4' DIA CBMH WITH CASTING PER DETAIL 406	EA	11	\$3,290.00	\$36,190.00	0.00	\$0.00	11.00	\$36,190.00
42	RECONSTRUCT 4' DIA STORM STRUCTURE	EA	1	\$900.00	\$900.00	0.00	\$0.00	1.00	\$900.00
43	FURNISH AND INSTALL 12" (5' DIA) BARREL SECTION	EA	1	\$1,100.00	\$1,100.00	0.00	\$0.00	0.00	\$0.00
44	FURNISH AND INSTALL 12" (4' DIA) BARREL SECTION	EA	1	\$825.00	\$825.00	0.00	\$0.00	1.00	\$825.00
45	REMOVE AND REPLACE STORM STRUCTURE TOP SLAB (4' DIA)	EA	1	\$800.00	\$800.00	0.00	\$0.00	0.00	\$0.00
46	SALVAGE AND REINSTALL STORM STRUCTURE TOP SLAB (4' DIA)	EA	1	\$420.00	\$420.00	0.00	\$0.00	1.00	\$420.00
47	PATCH DOGHOUSE	EA	2	\$200.00	\$400.00	0.00	\$0.00	2.00	\$400.00
48	CORE DRILL 15" STORM SEWER CONNECTION INTO EXISTING CATCH BASIN	EA	1	\$600.00	\$600.00	0.00	\$0.00	1.00	\$600.00
49	RANDOM RIPRAP CL III WITH FABRIC	CY	60	\$80.00	\$4,800.00	0.00	\$0.00	100.00	\$8,000.00
50	JET AND CLEAN STORM PIPE	LF	390	\$10.00	\$3,900.00	0.00	\$0.00	0.00	\$0.00
51	DITCH GRADING	LF	100	\$20.00	\$2,000.00	0.00	\$0.00	70.00	\$1,400.00
52	SALVAGE & REINSTALL MAILBOX	EA	33	\$115.00	\$3,795.00	0.00	\$0.00	33.00	\$3,795.00
53	SALVAGE AND REINSTALL SIGN	EA	3	\$44.00	\$132.00	0.00	\$0.00	6.00	\$264.00
54	SAWCUT BITUMINOUS PAVEMENT	LF	1200	\$3.00	\$3,600.00	0.00	\$0.00	933.00	\$2,799.00
55	SAWCUT CONCRETE PAVEMENT	LF	200	\$6.00	\$1,200.00	0.00	\$0.00	241.00	\$1,446.00
56	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT	SY	685	\$10.00	\$6,850.00	0.00	\$0.00	651.00	\$6,510.00
57	REMOVE AND DISPOSE OF BITUMINOUS PAVEMENT (DRIVEWAY)	SY	450	\$7.00	\$3,150.00	0.00	\$0.00	459.00	\$3,213.00
58	REMOVE AND DISPOSE OF 6" CONCRETE PAVEMENT (DRIVEWAY)	SY	115	\$10.00	\$1,150.00	0.00	\$0.00	166.00	\$1,660.00
59	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	225	\$7.00	\$1,575.00	0.00	\$0.00	185.00	\$1,295.00
60	REMOVE AND REPLACE OF EXISTING CONCRETE CURB AND GUTTER	LF	500	\$28.50	\$14,250.00	0.00	\$0.00	229.00	\$6,526.50
61	RECLAIM EXISTING BITUMINOUS AND BASE MATERIALS, 8" DEPTH (UTILITY AREAS)	SY	5200	\$1.90	\$9,880.00	0.00	\$0.00	4,822.20	\$9,162.18
62	RECLAIM EXISTING BITUMINOUS AND BASE MATERIALS, 12" DEPTH (FINAL)	SY	17000	\$1.90	\$32,300.00	0.00	\$0.00	17,000.00	\$32,300.00
63	REMOVE AND REPLACE CASTING AND RINGS	EA	16	\$1,250.00	\$20,000.00	0.00	\$0.00	17.00	\$21,250.00

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
64	SALVAGE AND REINSTALL CASTING W/ NEW RINGS	EA	4	\$790.00	\$3,160.00	0.00	\$0.00	4.00	\$3,160.00
65	HAUL EXCESS RECLAIMED MATERIAL OFF SITE (LV)	CY	1800	\$8.00	\$14,400.00	0.00	\$0.00	1,800.00	\$14,400.00
66	AGGREGATE BASE, CLASS 6	TN	500	\$23.00	\$11,500.00	0.00	\$0.00	465.42	\$10,704.66
67	AGGREGATE SURFACE, CLASS 2	TN	15	\$26.00	\$390.00	0.00	\$0.00	15.00	\$390.00
68	CORE DRILL 4" DRAIN TILE CONNECTION INTO EXISTING CATCH BASIN	EA	15	\$275.00	\$4,125.00	0.00	\$0.00	16.00	\$4,400.00
69	4" PERFORATED PVC EDGE DRAIN W/ BACKFILL & WRAP	LF	2325	\$14.00	\$32,550.00	0.00	\$0.00	2,300.00	\$32,200.00
70	DRAIN TILE CLEANOUT	EA	22	\$1,150.00	\$25,300.00	0.00	\$0.00	22.00	\$25,300.00
71	SUBGRADE CORRECTION (EV)	CY	800	\$15.00	\$12,000.00	0.00	\$0.00	408.10	\$6,121.50
72	SUBGRADE PREPARATION	RS	60	\$100.00	\$6,000.00	0.00	\$0.00	60.00	\$6,000.00
73	SALVAGE, STOCKPILE, AND RESPREAD RECLAIMED MATERIAL (UTILITY TRENCH)	LS	1	\$25,000.00	\$25,000.00	0.00	\$0.00	1.00	\$25,000.00
74	BITUMINOUS DRIVEWAY PAVEMENT	SY	450	\$38.70	\$17,415.00	0.00	\$0.00	418.00	\$16,176.60
75	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C) [SPWEA230C]	TN	1750	\$72.00	\$126,000.00	0.00	\$0.00	1,475.47	\$106,233.84
76	TYPE SP 12.5 BITUMINOUS NON WEARING COURSE MIXTURE (2,C) [SPNWB230C]	TN	2320	\$66.80	\$154,976.00	0.00	\$0.00	1,965.50	\$131,295.40
77	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1290	\$2.85	\$3,676.50	0.00	\$0.00	900.00	\$2,565.00
78	PATCH BITUMINOUS STREET (PAVEMENT ONLY)	SY	360	\$28.00	\$10,080.00	0.00	\$0.00	0.00	\$0.00
79	PATCH BITUMINOUS STREET (FULL DEPTH)	SY	360	\$28.00	\$10,080.00	0.00	\$0.00	678.00	\$18,984.00
80	B418 CONCRETE CURB & GUTTER	LF	11250	\$11.85	\$133,312.50	0.00	\$0.00	11,283.00	\$133,703.55
81	CONCRETE MATURITY TESTING	LS	1	\$2,100.00	\$2,100.00	0.00	\$0.00	1.00	\$2,100.00
82	6" CONCRETE FLUME	SF	270	\$18.80	\$5,076.00	0.00	\$0.00	200.00	\$3,760.00
83	6" CONCRETE DRIVEWAY PAVEMENT (HIGH EARLY)	SY	115	\$72.65	\$8,354.75	0.00	\$0.00	191.00	\$13,876.15
84	6" CONCRETE PEDESTRIAN RAMP	SF	45	\$26.70	\$1,201.50	0.00	\$0.00	133.00	\$3,551.10
85	TRUNCATED DOME PANELS	SF	16	\$48.00	\$768.00	0.00	\$0.00	17.00	\$816.00
86	REMOVE SIGN	EA	16	\$43.00	\$688.00	0.00	\$0.00	16.00	\$688.00
87	SIGN PANELS TYPE C	SF	77	\$61.00	\$4,697.00	0.00	\$0.00	77.00	\$4,697.00
88	STREET NAME BLADE SIGN (2 BLADES)	EA	6	\$425.00	\$2,550.00	0.00	\$0.00	6.00	\$2,550.00
89	STREET NAME BLADE SIGN (3 BLADES)	EA	1	\$525.00	\$525.00	0.00	\$0.00	1.00	\$525.00
90	TOPSOIL BORROW (LV)	CY	2300	\$0.01	\$23.00	0.00	\$0.00	2,300.00	\$23.00
91	SEED & EROSION CONTROL BLANKET	SY	1450	\$2.50	\$3,625.00	0.00	\$0.00	1,672.20	\$4,180.50
92	SOD	SY	14500	\$8.00	\$116,000.00	0.00	\$0.00	14,015.00	\$112,120.00
93	STREET SWEEPER WITH PICK UP BROOM	HR	10	\$160.00	\$1,600.00	0.00	\$0.00	9.00	\$1,440.00
BASE BID					\$2,692,593.75		\$0.00		\$2,623,036.38

TOTALS - BASE CONTRACT

\$2,692,593.75

\$0.00

\$2,623,036.38

CHANGE ORDER NO. 1									
CO1-1	10" HDPE WATERMAIN, DIRECTIONAL DRILL	LF	-776	\$45.00	-\$34,920.00	0.00	\$0.00	-776.00	-\$34,920.00
CO1-2	10" HDPE WATERMAIN, DIRECTIONAL DRILL W/ 30MM WIRE	LF	776	\$46.10	\$35,773.60	0.00	\$0.00	776.00	\$35,773.60
CO1-3	14" HDPE WATERMAIN, DIRECTIONAL DRILL	LF	-3,370	\$67.00	-\$225,790.00	0.00	\$0.00	-3,370.00	-\$225,790.00
CO1-4	14" HDPE WATERMAIN, DIRECTIONAL DRILL W/ 30MM WIRE	LF	3,370	\$68.10	\$229,497.00	0.00	\$0.00	3,370.00	\$229,497.00
SUBTOTAL - CHANGE ORDER NO. 1					\$4,560.60		\$0.00		\$4,560.60

CHANGE ORDER NO. 2									
CO2-1	REMOVE AND REPLACE STORM STRUCTURE TOP SLAB (6" DIA.)	EA	2	\$1,350.00	\$2,700.00	0.00	\$0.00	2.00	\$2,700.00
SUBTOTAL - CHANGE ORDER NO. 2					\$2,700.00		\$0.00		\$2,700.00

CHANGE ORDER NO. 4									
CO4-1	COMPENSATING CHANGE ORDER	LS	1	-\$69,557.37	-\$69,557.37	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - CHANGE ORDER NO. 4					-\$69,557.37		\$0.00		\$0.00

TOTALS - REVISED CONTRACT

\$2,630,296.98

\$0.00

\$2,630,296.98

CERTIFICATE OF COMPLETION

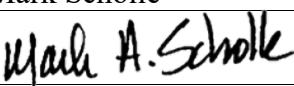
DATE OF ISSUANCE: NOVEMBER 16, 2021

OWNER:	<u>CITY OF LAKE ELMO, MN</u>
CONTRACTOR:	<u>A-1 EXCAVATING, INC.</u>
PROJECT NAME:	<u>STONEGATE ADDITION STREET & UTILITY IMPROVEMENTS</u>
PROJECT NO.:	<u>2019.120</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: November 16, 2021

Mark Scholle Reg. No. 40483

FOCUS Engineering, Inc.

THE WARRANTY PERIOD BEGINS November 16, 2021 AND ENDS November 16, 2022
