



STAFF REPORT

DATE: September 3, 2019
CONSENT

AGENDA ITEM: 2018 Street Improvements – Accept Improvements and Approve Pay Request No. 6 (Final)

SUBMITTED BY: Chad Isakson, Project Engineer

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

ISSUE BEFORE COUNCIL: Should the City Council accept the 2018 Street Improvements and approve Pay Request No. 6 (Final) to Valley Paving, Inc.?

BACKGROUND: Valley Paving, Inc. was awarded a construction contract on May 15, 2018 to complete the 2018 Street Improvements project. The contractor has completed the work in accordance with the contract. The Project Engineer has prepared a Certificate of Completion indicating that all work is completed including all punch list items and is recommending 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 September 3, 2019 and will extend through September 3, 2020.

PROPOSAL DETAILS/ANALYSIS: Valley Paving, Inc., has submitted Partial Pay Request No. 6 (Final) in the amount of \$62,726.78. The work has been reviewed by the Engineer and is fully completed in accordance with the Contract, Specifications, and Change Orders. The City Council is respectfully requested to consider accepting the improvements and approve Pay Request No. 6 (Final) for the 2018 Street Improvements.

FISCAL IMPACT: The final total project cost is \$1,191,161.54, which is 3% under the Feasibility Report estimated total project cost amount of \$1,229,000. A breakdown comparing the total project costs at time of award to final costs are outlined in the table below.

	Final Project Costs	Feasibility Report Estimated Costs
TOTAL PROJECT COSTS:	\$1,201,234.54	\$1,229,000
<i>Construction:</i>	\$942,472.81	\$927,000
<i>Contingency:</i>	\$0	\$93,000
<i>Total Engineering (Report, Design, Construction)</i>	\$187,734.30	\$169,000
<i>Concrete Driveway Repairs</i>	\$6,574	\$0
<i>Repair Jane Court corner geometrics</i>	\$12,400	\$0
<i>Geotechnical Engineering:</i>	\$21,980.43	\$20,000
<i>Legal, Fiscal, and Administration:</i>	\$30,073	\$20,000

RECOMMENDATION: Staff is recommending that the City Council consider, *as part of the Consent Agenda*, accepting the 2018 Street Improvements and approving Pay Request No. 6 (Final) in the amount of \$62,726.78. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to accept the improvements and approve Pay Request No. 6 (Final) to Valley Paving, Inc. in the amount of \$62,726.78 for the 2018 Street Improvements project”.

ATTACHMENTS:

1. Partial Pay Estimate No. 6 (Final).
2. Certificate of Completion.

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>6</u>		FOCUS ENGINEERING, inc.																			
2018 STREET IMPROVEMENTS PROJECT NO. 2017.156		PERIOD OF ESTIMATE FROM <u>5/1/2019</u> TO <u>6/26/2019</u>																			
PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER		CONTRACTOR: VALLEY PAVING, INC. 8800 13TH AVE E SHAKOPEE, MN 55379 ATTN: BRANDT SYLVESTRE, PROJECT MANAGER																			
CONTRACT CHANGE ORDER SUMMARY		PAY ESTIMATE SUMMARY																			
No.	Approval Date	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Amount</th> </tr> <tr> <th style="width: 50%;">Additions</th> <th style="width: 50%;">Deductions</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">CO1</td> <td style="padding: 5px;">10/2/2018</td> </tr> <tr> <td style="padding: 5px;">CO2</td> <td style="padding: 5px;">10/16/2018</td> </tr> <tr> <td style="padding: 5px;">CO3</td> <td style="padding: 5px;">4/2/2019</td> </tr> <tr> <td style="padding: 5px;">CO4</td> <td style="padding: 5px;">7/2/2019</td> </tr> <tr> <td style="padding: 5px;">CCO5</td> <td style="padding: 5px;"></td> </tr> <tr> <td colspan="2" style="padding: 5px;">TOTALS</td> </tr> <tr> <td colspan="2" style="padding: 5px;">NET CHANGE</td> </tr> </tbody> </table>		Amount		Additions	Deductions	CO1	10/2/2018	CO2	10/16/2018	CO3	4/2/2019	CO4	7/2/2019	CCO5		TOTALS		NET CHANGE	
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		*Detailed Breakdown Attached																			
CONTRACT TIME																					
START DATE: <u>7/9/2018</u>		ORIGINAL DAYS <u>326</u>																			
SUBSTANTIAL COMPLETION: <u>10/20/2018</u>		REVISED DAYS <u>21</u>																			
FINAL COMPLETION: <u>5/31/2019</u>		REMAINING <u>-26</u>																			
		ON SCHEDULE YES <input type="checkbox"/> 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>8/27/2019</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>8/23/19</u> DATE																			
APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA																					
BY _____		BY _____																			
DATE _____		DATE _____																			

2018 STREET IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2017.156

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	\$36,000.00	\$36,000.00	0.00	\$0.00	1.00	\$36,000.00
2	TRAFFIC CONTROL	LS	1	\$4,000.00	\$4,000.00	0.00	\$0.00	1.00	\$4,000.00
3	SILT FENCE, HAND INSTALLED	LF	500	\$4.50	\$2,250.00	0.00	\$0.00	32.00	\$144.00
4	INLET PROTECTION	EA	30	\$135.00	\$4,050.00	9.00	\$1,215.00	29.00	\$3,915.00
5	DITCH CHECK	EA	5	\$230.00	\$1,150.00	0.00	\$0.00	0.00	\$0.00
6	STREET SWEEPING	HR	30	\$150.00	\$4,500.00	4.00	\$600.00	33.50	\$5,025.00
7	CLEARING	EA	10	\$450.00	\$4,500.00	0.00	\$0.00	4.00	\$1,800.00
8	GRUBBING	EA	10	\$150.00	\$1,500.00	0.00	\$0.00	4.00	\$600.00
9	SALVAGE AND REINSTALL MAILBOX	EA	88	\$100.00	\$8,800.00	0.00	\$0.00	67.00	\$6,700.00
10	SAWCUT BITUMINOUS PAVEMENT	LF	1,400	\$2.00	\$2,800.00	0.00	\$0.00	1,130.00	\$2,260.00
11	SAWCUT CONCRETE PAVEMENT	LF	460	\$4.10	\$1,886.00	0.00	\$0.00	392.00	\$1,607.20
12	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT (DRIVEWAY)	SY	800	\$5.50	\$4,400.00	0.00	\$0.00	743.00	\$4,086.50
13	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT (DRIVEWAY)	SY	300	\$14.00	\$4,200.00	0.00	\$0.00	362.00	\$5,068.00
14	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	270	\$9.00	\$2,430.00	0.00	\$0.00	121.00	\$1,089.00
15	REMOVE AND DISPOSE OF MODULAR BLOCK RETAINING WALL	SF	36	\$15.00	\$540.00	0.00	\$0.00	42.00	\$630.00
16	SUBGRADE CORRECTION (CV)	CY	500	\$24.00	\$12,000.00	0.00	\$0.00	0.00	\$0.00
17	RECLAIM EXISTING BITUMINOUS AND BASE MATERIALS, 8" DEPTH	SY	32,255	\$1.40	\$45,157.00	0.00	\$0.00	30,766.00	\$43,072.40
18	HAUL EXCESS RECLAIMED MATERIAL OFF SITE (LV)	CY	2,130	\$7.00	\$14,910.00	0.00	\$0.00	2,317.00	\$16,219.00
19	SUBGRADE PREPARATION OF RECLAIMED SURFACE	RS	102	\$170.00	\$17,340.00	0.00	\$0.00	102.00	\$17,340.00
20	TYPE SP 12.5 BITUMINOUS NON WEARING COURSE MIXTURE (2,B) [SPNWB230B]	TN	3,630	\$49.00	\$177,870.00	0.00	\$0.00	3,353.00	\$164,297.00
21	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B) [SPWEA230B]	TN	2,722	\$53.50	\$145,627.00	0.00	\$0.00	2,612.00	\$139,742.00
22	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1,921	\$1.50	\$2,881.50	0.00	\$0.00	1,000.00	\$1,500.00
23	BITUMINOUS DRIVEWAY PAVEMENT	SY	800	\$21.00	\$16,800.00	0.00	\$0.00	772.70	\$16,226.70
24	6" CONCRETE DRIVEWAY PAVEMENT (HIGH EARLY)	SY	300	\$70.00	\$21,000.00	0.00	\$0.00	362.00	\$25,340.00
25	PATCH GRAVEL DRIVEWAY	TN	10	\$55.00	\$550.00	0.00	\$0.00	30.53	\$1,679.15
26	SAW & SEAL STREET (40' INTERVALS)	LF	6,300	\$2.32	\$14,616.00	0.00	\$0.00	0.00	\$0.00
27	B418 CONCRETE CURB & GUTTER	LF	13,810	\$11.00	\$151,910.00	0.00	\$0.00	13,103.00	\$144,133.00
28	CONCRETE RIBBON CURB	LF	6,425	\$10.00	\$64,250.00	0.00	\$0.00	6,496.00	\$64,960.00
29	SURMOUNTABLE CONCRETE CURB AND GUTTER	LF	110	\$21.00	\$2,310.00	0.00	\$0.00	98.00	\$2,058.00
30	CONCRETE VALLEY GUTTER	SY	40	\$72.00	\$2,880.00	0.00	\$0.00	46.00	\$3,312.00
31	6" CONCRETE FLUME	SF	100	\$7.00	\$700.00	0.00	\$0.00	115.00	\$805.00
32	HIGH CAPACITY CONCRETE APRON	EA	4	\$575.00	\$2,300.00	0.00	\$0.00	4.00	\$2,300.00
33	CONCRETE MATURITY TESTING	LS	1	\$2,900.00	\$2,900.00	0.00	\$0.00	0.50	\$1,450.00
34	PERFORATED PVC EDGE DRAIN	LF	300	\$21.00	\$6,300.00	0.00	\$0.00	0.00	\$0.00
35	DRAINTILE CLEANOUT	EA	6	\$500.00	\$3,000.00	0.00	\$0.00	0.00	\$0.00
36	REMOVE AND REPLACE CASTING AND RINGS	EA	9	\$900.00	\$8,100.00	0.00	\$0.00	10.00	\$9,000.00
37	REMOVE AND REPLACE 4' DIA BARREL SECTION	EA	1	\$1,500.00	\$1,500.00	0.00	\$0.00	3.00	\$4,500.00
38	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE	LF	246	\$9.00	\$2,214.00	0.00	\$0.00	261.00	\$2,349.00
39	REMOVE AND DISPOSE OF EXISTING STORM SEWER STRUCTURE	EA	6	\$350.00	\$2,100.00	0.00	\$0.00	6.00	\$2,100.00
40	CONNECT TO EXISTING STORM SEWER	EA	5	\$900.00	\$4,500.00	0.00	\$0.00	5.00	\$4,500.00
41	2' X 3' CATCH BASIN WITH CASTING PER DETAIL 404	EA	6	\$2,400.00	\$14,400.00	0.00	\$0.00	6.00	\$14,400.00
42	27" DIA MH WITH CASTING	EA	1	\$2,400.00	\$2,400.00	0.00	\$0.00	1.00	\$2,400.00
43	4' DIA CBMH WITH SUMP AND CASTING PER DETAIL 405	EA	3	\$4,500.00	\$13,500.00	0.00	\$0.00	3.00	\$13,500.00
44	4' DIA CBMH WITH CASTING PER DETAIL 406	EA	6	\$3,100.00	\$18,600.00	0.00	\$0.00	6.00	\$18,600.00
45	4' DIA MH WITH CASTING PER DETAIL 409	EA	1	\$3,650.00	\$3,650.00	0.00	\$0.00	1.00	\$3,650.00
46	12" RCP STORM SEWER, CLASS 5	LF	94	\$46.00	\$4,324.00	0.00	\$0.00	95.00	\$4,370.00
47	15" RCP STORM SEWER, CLASS 5	LF	370	\$48.00	\$17,760.00	0.00	\$0.00	365.00	\$17,520.00
48	18" RCP STORM SEWER, CLASS 5	LF	112	\$56.00	\$6,272.00	0.00	\$0.00	109.00	\$6,104.00
49	15" RCP FLARED END SECTION INCL TRASH GUARD	EA	2	\$1,100.00	\$2,200.00	0.00	\$0.00	2.00	\$2,200.00
50	18" RCP FLARED END SECTION INCL TRASH GUARD	EA	3	\$1,250.00	\$3,750.00	0.00	\$0.00	3.00	\$3,750.00
51	CLASS 3 RIP RAP WITH FABRIC	CY	17	\$116.00	\$1,972.00	1.25	\$145.00	16.25	\$1,885.00
52	DITCH GRADING	LF	340	\$9.00	\$3,060.00	50.00	\$450.00	340.00	\$3,060.00
53	IMPORT AND PLACE TOPSOIL BORROW (LV)	CY	2,260	\$21.50	\$48,590.00	46.00	\$989.00	1,571.00	\$33,776.50
54	SEEDING, FERTILIZER, AND EROSION CONTROL BLANKET	SY	1,500	\$1.80	\$2,700.00	2,412.00	\$4,341.60	3,233.00	\$5,819.40
55	SODDING	SY	12,100	\$5.80	\$70,180.00	2,172.00	\$12,597.60	7,017.00	\$40,698.60
56	SALVAGE AND REINSTALL SIGN	EA	13	\$50.00	\$650.00	0.00	\$0.00	2.00	\$100.00
SUBTOTAL - BASE BID			\$1,020,729.50			\$20,338.20		\$911,641.45	
ALTERNATE NO. 1									
1	BITUMINOUS MIXTURE SPNWB230C IN LIEU OF SPNWB230B (ADD / DEDUCT TO BASE BI	TN	3,630	\$6.00	\$21,780.00	0.00	\$0.00	3,353.00	\$20,118.00
2	BITUMINOUS MIXTURE SPWEA230C IN LIEU OF SPWEA230B (ADD / DEDUCT TO BASE BI	TN	2,722	\$5.60	\$15,243.20	0.00	\$0.00	2,612.00	\$14,627.20
3	DELETE BID ITEM 25 - SAW & SEAL STREET (40' INTERVALS)	LF	-6,300	\$2.32	-\$14,616.00	0.00	\$0.00	0.00	\$0.00

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
SUBTOTAL - ALTERNATE NO. 1					\$22,407.20		\$0.00		\$34,745.20

TOTALS - BASE CONTRACT

\$1,043,136.70

\$20,338.20

\$946,386.65

CHANGE ORDER NO. 2									
CO2-1	STORM SEWER RING REPLACEMENT ADDITIONAL WORK	LS	1	\$2,066.87	\$2,066.87	1.00	\$2,066.87	1.00	\$2,066.87
SUBTOTAL - CHANGE ORDER NO. 2					\$2,066.87		\$2,066.87		\$2,066.87

CHANGE ORDER NO.3									
CO3-1	Liquidated Damages	LS	1	-\$7,200.00	-\$7,200.00	1.00	-\$7,200.00	1.00	-\$7,200.00
CO3-2	New Mailbox Supports	LS	1	\$247.50	\$247.50	1.00	\$247.50	1.00	\$247.50
SUBTOTAL - CHANGE ORDER NO. 3					-\$6,952.50		-\$6,952.50		-\$6,952.50

CHANGE ORDER NO. 4									
CO4-1	REPLACE LANDSCAPE ROCK ADDITIONAL WORK	LS	1	\$971.79	\$971.79	1.00	\$971.79	1.00	\$971.79
SUBTOTAL - CHANGE ORDER NO. 4					\$971.79		\$971.79		\$971.79

COMPENSATING CHANGE ORDER NO. 5									
CO5-1	COMPENSATING CHANGE ORDER	LS	1	-\$96,750.05	-\$96,750.05	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - COMPENSATING CHANGE ORDER NO. 5					-\$96,750.05		\$0.00		\$0.00

TOTALS - REVISED CONTRACT

\$942,472.81

\$16,424.36

\$942,472.81

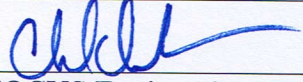
CERTIFICATE OF COMPLETION

DATE OF ISSUANCE: September 3, 2019

OWNER: CITY OF LAKE ELMO, MN
CONTRACTOR: VALLEY PAVING, INC.
PROJECT NAME: 2018 STREET IMPROVEMENTS
PROJECT NO.: 2017.156

- ☒ 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 15, 2018. The above-mentioned improvement is hereby declared to be complete and acceptance of this work is recommended.

DATE OF COMPLETION: September 3, 2019Chad Isakson Reg. No. 49028
FOCUS Engineering, Inc.

THE WARRANTY PERIOD BEGINS September 3, 2019 AND ENDS September 3, 2020
