



STAFF REPORT

DATE: August 15, 2017

CONSENT

AGENDA ITEM: Old Village Phase 3: Street, Drainage, and Utility Improvements – Pay Request No. 2

SUBMITTED BY: Chad Isakson, Project Engineer

REVIEWED BY: Kristina Handt, City Administrator
Jack Griffin, City Engineer

ISSUE BEFORE COUNCIL: Should the City Council approve Pay Request No. 2 for the Old Village Phase 3: Street, Drainage, and Utility Improvements?

BACKGROUND: Douglas-Kerr Underground, LLC was awarded a construction contract on May 16, 2017 to complete the Old Village Phase 3: Street, Drainage, and Utility Improvements. The substantial completion date for the project is October 20, 2017.

PROPOSAL DETAILS/ANALYSIS: Douglas-Kerr Underground, LLC, has submitted Partial Pay Request No. 2 in the amount of \$268,366.72. The request has been reviewed and payment is recommended in the amount requested. In accordance with the contract documents, the City has retained 5% of the total work completed. The amount retained is \$23,924.26.

FISCAL IMPACT: None. Partial payment is proposed in accordance with the Contract for the project. Payment remains within the authorized scope and budget.

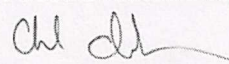
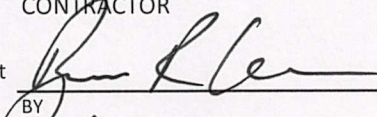
RECOMMENDATION: Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Pay Request No. 2 for the Old Village Phase 3: Street, Drainage, and Utility Improvements project. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Pay Request No. 2 to Douglas-Kerr Underground, LLC in the amount of \$268,366.72 for the Old Village Phase 3: Street, Drainage, and Utility Improvements project”.

ATTACHMENTS:

1. Partial Pay Estimate No. 2.

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>2</u>				FOCUS ENGINEERING, inc.	
OLD VILLAGE PHASE 3 IMPROVEMENTS PROJECT NO. 2016.133				PERIOD OF ESTIMATE FROM <u>7/1/2017</u> TO <u>7/31/2017</u>	
PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER				CONTRACTOR: DOUGLAS-KERR UNDERGROUND, LLC 2142 330TH AVE MORA, MN 55051 ATTN: DENNY DOUGLAS	
CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1	7/5/2017		\$16,586.70	1. Original Contract Amount <u>\$1,576,039.15</u>	
				2. Net Change Order Sum <u>-\$16,586.70</u>	
				3. Revised Contract (1+2) <u>\$1,559,452.45</u>	
				4. *Work Completed <u>\$478,485.18</u>	
				5. *Stored Materials <u>\$0.00</u>	
				6. Subtotal (4+5) <u>\$478,485.18</u>	
				7. Retainage* <u>5.0%</u> <u>\$23,924.26</u>	
				8. Previous Payments <u>\$186,194.20</u>	
TOTALS		\$0.00	\$16,586.70	9. Amount Due (6-7-8) <u>\$268,366.72</u>	
NET CHANGE		(\$16,586.70)		*Detailed Breakdown Attached	
CONTRACT TIME					
START DATE: <u>5/16/2017</u>		ORIGINAL DAYS <u>410</u>		ON SCHEDULE	
SUBSTANTIAL COMPLETION: <u>10/20/2017</u>		REVISED DAYS <u>0</u>		YES ☒	
FINAL COMPLETION: <u>6/30/2018</u>		REMAINING <u>334</u>		NO ☐	
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>8/2/2017</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>8/2/17</u> DATE	
APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA					
BY _____			BY _____		
DATE _____			DATE _____		

PARTIAL PAY ESTIMATE NO. 2

OLD VILLAGE PHASE 3 IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2016.133

FOCUS ENGINEERING, inc.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
DIVISION 1									
1	Mobilization	LS	1	\$58,045.95	\$58,045.95	0.00	\$0.00	0.50	\$29,022.98
2	Clearing & Grubbing	ACRE	1.15	\$6,000.00	\$6,900.00	0.45	\$2,700.00	0.95	\$5,700.00
3	Clearing & Grubbing	TREE	42	\$200.00	\$8,400.00	21.00	\$4,200.00	43.0	\$8,600.00
4	Remove Water Main Pipe	LF	2884	\$1.20	\$3,460.80	250.00	\$300.00	869.0	\$1,042.80
5	Remove Sewer Pipe (Storm)	LF	144	\$11.45	\$1,648.80	101.00	\$1,156.45	101.0	\$1,156.45
6	Remove Concrete Curb & Gutter	LF	440	\$3.00	\$1,320.00	0.00	\$0.00	100.0	\$300.00
7	Remove Backstop Fence	EACH	1	\$450.00	\$450.00	1.00	\$450.00	1.0	\$450.00
8	Pulverize Bituminous Pavement (P)	SY	10246	\$1.10	\$11,270.60	0.00	\$0.00	3,600.0	\$3,960.00
9	Remove Bituminous Driveway & Parking Lot Pavement	SY	765	\$3.75	\$2,868.75	0.00	\$0.00	0.0	\$0.00
10	Remove Concrete Driveway Pavement	SY	300	\$6.25	\$1,875.00	0.00	\$0.00	0.0	\$0.00
11	Remove Catch Basin or Manhole (Storm)	EACH	3	\$260.00	\$780.00	1.00	\$260.00	1.0	\$260.00
12	Remove Gate Valve & Box	EACH	14	\$90.00	\$1,260.00	3.00	\$270.00	3.0	\$270.00
13	Remove Hydrant	EACH	6	\$450.00	\$2,700.00	1.00	\$450.00	2.0	\$900.00
14	Sawing Concrete Pavement (Full Depth)	LF	240	\$3.50	\$840.00	0.00	\$0.00	0.0	\$0.00
15	Sawing Bit Pavement (Full Depth)	LF	610	\$2.75	\$1,677.50	0.00	\$0.00	0.0	\$0.00
16	Salvage and Install Fence	LF	200	\$27.00	\$5,400.00	0.00	\$0.00	80.0	\$2,160.00
17	Salvage Retaining Wall	LF	100	\$24.00	\$2,400.00	0.00	\$0.00	0.0	\$0.00
18	Salvage Sign (Type C or Street Name Sign)	EACH	8	\$35.00	\$280.00	0.00	\$0.00	0.0	\$0.00
19	Salvage & Install Sign Type C	EACH	5	\$160.00	\$800.00	0.00	\$0.00	0.0	\$0.00
20	Salvage & Install Mailbox Assembly	EACH	26	\$90.00	\$2,340.00	0.00	\$0.00	0.0	\$0.00
21	Salvage & Install Pavers (Incl. Flagstone Steps & Wall)	SF	200	\$23.00	\$4,600.00	0.00	\$0.00	0.0	\$0.00
22	Common Excavation (P)	CY	12605	\$10.85	\$136,764.25	2,500.00	\$27,125.00	2,500.0	\$27,125.00
23	Infiltration Basin Excavation (EV)	CY	467	\$32.50	\$15,177.50	0.00	\$0.00	0.0	\$0.00
24	Subgrade Correction (EV)(Includes Select Granular Borrow - Mod 5%)	CY	400	\$29.85	\$11,940.00	0.00	\$0.00	0.0	\$0.00
25	Select Granular Borrow - Mod. 5% (CV)(P)	CY	7764	\$19.00	\$147,516.00	1,000.00	\$19,000.00	1,000.0	\$19,000.00
26	Geotextile Fabric, Type V	SY	1000	\$1.50	\$1,500.00	2,102.30	\$3,153.45	2,102.3	\$3,153.45
27	Agg. Base, Cl. 6 (CV) (P)	CY	2288	\$31.95	\$73,101.60	208.00	\$6,645.60	208.0	\$6,645.60
28	Street Sweeping	HOURL	40	\$150.00	\$6,000.00	0.00	\$0.00	0.0	\$0.00
29	Bit. Material for Tack Coat	GAL	501	\$1.40	\$701.40	0.00	\$0.00	0.0	\$0.00
30	Type SP 9.5 Wearing Course Mix (2,C) (Parking Lots, Driveways & Bike Trail:	TON	230	\$101.00	\$23,230.00	0.00	\$0.00	0.0	\$0.00
31	Type SP 9.5 Wearing Course Mix (3,B)	TON	590	\$54.50	\$32,155.00	0.00	\$0.00	0.0	\$0.00
32	Type SP 9.5 Wearing Course Mix (3,C)	TON	315	\$63.00	\$19,845.00	0.00	\$0.00	0.0	\$0.00
33	Type SP 12.5 Wearing Course Mix (3,B)	TON	790	\$48.75	\$38,512.50	0.00	\$0.00	0.0	\$0.00
34	Type SP 12.5 Wearing Course Mix (3,C)	TON	420	\$56.25	\$23,625.00	0.00	\$0.00	0.0	\$0.00
35	Bituminous Wedge Paving	TON	170	\$0.01	\$1.70	0.00	\$0.00	0.0	\$0.00
36	Saw & Seal Joint (40' Intervals)	LF	1400	\$3.25	\$4,550.00	0.00	\$0.00	0.0	\$0.00
37	Pipe Foundation Rock	LF	1600	\$0.01	\$16.00	0.00	\$0.00	0.0	\$0.00
38	15" RC Pipe Apron w/Trash Guard	EACH	1	\$1,024.05	\$1,024.05	0.00	\$0.00	0.0	\$0.00
39	18" RC Pipe Apron w/Trash Guard	EACH	1	\$1,095.10	\$1,095.10	0.00	\$0.00	0.0	\$0.00
40	21" RC Pipe Apron w/Trash Guard	EACH	2	\$1,470.00	\$2,940.00	0.00	\$0.00	0.0	\$0.00
41	36" Span RC Pipe-Arch Apron w/Trash Guard	EACH	2	\$2,466.45	\$4,932.90	2.00	\$4,932.90	2.0	\$4,932.90
42	Infiltration Basin Underdrain System	LF	410	\$0.01	\$4.10	0.00	\$0.00	0.0	\$0.00
43	4" PVC Perf. Edge Drain w/ Backfill & Wrap	LF	1300	\$10.50	\$13,650.00	200.00	\$2,100.00	200.0	\$2,100.00
44	Draintile Cleanout	EACH	20	\$175.00	\$3,500.00	0.00	\$0.00	0.0	\$0.00
45	8" PVC Pipe Sewer (SDR 26)	LF	3236	\$35.10	\$113,583.60	1,203.00	\$42,225.30	1,884.0	\$66,128.40
46	12" RC Pipe Sewer, Des 3006 CL V	LF	125	\$36.55	\$4,568.75	65.00	\$2,375.75	65.0	\$2,375.75
47	15" RC Pipe Sewer, Des 3006 CL V	LF	741	\$32.60	\$24,156.60	0.00	\$0.00	0.0	\$0.00
48	18" RC Pipe Sewer, Des 3006 CL V	LF	350	\$30.35	\$10,622.50	231.00	\$7,010.85	231.0	\$7,010.85
49	21" RC Pipe Sewer, Des 3006 CL III	LF	178	\$37.85	\$6,737.30	0.00	\$0.00	0.0	\$0.00
50	36" Span RC Pipe-Arch Sewer CL IIA	LF	101	\$100.90	\$10,190.90	109.00	\$10,998.10	109.0	\$10,998.10
51	Connect to Existing Sanitary Sewer	EACH	2	\$2,939.55	\$5,879.10	0.00	\$0.00	1.0	\$2,939.55
52	Construct Drainage Structure 2'x3' (w/ Casting)	EACH	7	\$1,580.75	\$11,065.25	2.00	\$3,161.50	2.0	\$3,161.50
53	Construct Drainage Structure Des. CC - 48" (w/ Casting)	EACH	8	\$2,432.30	\$19,458.40	3.00	\$7,296.90	3.0	\$7,296.90
54	Construct Drainage Structure Des. CC - 60" (w/ Casting)	EACH	2	\$3,484.05	\$6,968.10	1.00	\$3,484.05	1.0	\$3,484.05
55	Construct Drainage Structure Des. CC - 72" (w/ Casting)	EACH	1	\$3,940.80	\$3,940.80	0.00	\$0.00	0.0	\$0.00
56	Construct Drainage Structure Des. CC - 84" (w/ Casting)	EACH	1	\$4,945.05	\$4,945.05	1.00	\$4,945.05	1.0	\$4,945.05
57	8"x4" PVC Wye, SDR 26	EACH	21	\$500.75	\$10,515.75	0.00	\$0.00	0.0	\$0.00
58	8"x6" PVC Wye, SDR 26	EACH	9	\$1,004.55	\$9,040.95	2.00	\$2,009.10	6.0	\$6,027.30
59	6" Clean-Out Assembly (SCH 40)	EACH	4	\$324.60	\$1,298.40	0.00	\$0.00	0.0	\$0.00
60	2" Pressure Cleanout & CurbstopAssembly	EACH	1	\$986.40	\$986.40	0.00	\$0.00	0.0	\$0.00
61	2"x1-1/4" Fused Tee	EACH	4	\$254.20	\$1,016.80	0.00	\$0.00	0.0	\$0.00
62	1-1/4" Curb Stop & Box	EACH	5	\$429.50	\$2,147.50	0.00	\$0.00	0.0	\$0.00
63	4" PVC Sanitary Service Pipe - Sch40	LF	815	\$11.05	\$9,005.75	0.00	\$0.00	0.0	\$0.00
64	6" PVC Sanitary Service Pipe - Sch40	LF	760	\$20.45	\$15,542.00	157.00	\$3,210.65	340.0	\$6,953.00
65	1-1/4" HDPE Service Pipe	LF	250	\$9.70	\$2,425.00	0.00	\$0.00	0.0	\$0.00
66	2" HDPE Pressure Pipe	LF	290	\$14.15	\$4,103.50	188.00	\$2,660.20	188.0	\$2,660.20
67	Tracer Wire Box - (at property line)	EACH	36	\$167.60	\$6,033.60	0.00	\$0.00	0.0	\$0.00
68	Sanitary Sewer Manhole (10' Deep)	EACH	14	\$3,175.50	\$44,457.00	6.00	\$19,053.00	10.0	\$31,755.00
69	Sanitary Sewer Manhole Extra Depth	LF	48	\$137.15	\$6,583.20	17.85	\$2,448.13	32.0	\$4,388.80
70	Sewer Televising	LF	3236	\$1.25	\$4,045.00	0.00	\$0.00	0.0	\$0.00
71	2" Rigid Insulation	SY	120	\$14.30	\$1,716.00	0.00	\$0.00	0.0	\$0.00
72	Temporary Water Service	LS	1	\$25,028.00	\$25,028.00	0.00	\$0.00	0.5	\$12,514.00
73	1" Corporation Stop	EACH	27	\$279.20	\$7,538.40	0.00	\$0.00	0.0	\$0.00
74	2" Corporation Stop	EACH	3	\$726.45	\$2,179.35	2.00	\$1,452.90	2.0	\$1,452.90
75	1" Curb Stop & Box	EACH	27	\$362.85	\$9,796.95	0.00	\$0.00	0.0	\$0.00
76	2" Curb Stop & Box	EACH	3	\$839.00	\$2,517.00	3.00	\$2,517.00	3.0	\$2,517.00
77	8" x 1-1/4" Saddle Tap	EACH	1	\$390.95	\$390.95	0.00	\$0.00	0.0	\$0.00
78	Connect to Existing Water Main	EACH	3	\$1,025.40	\$3,076.20	0.00	\$0.00	2.0	\$2,050.80

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
79	Connect to Existing Water Service	EACH	34	\$382.35	\$12,999.90	5.00	\$1,911.75	5.0	\$1,911.75
80	Hydrant	EACH	8	\$4,199.10	\$33,592.80	3.00	\$12,597.30	6.0	\$25,194.60
81	6" Gate Valve & Box	EACH	14	\$1,586.10	\$22,205.40	3.00	\$4,758.30	10.0	\$15,861.00
82	8" Gate Valve & Box	EACH	8	\$2,036.45	\$16,291.60	1.00	\$2,036.45	2.0	\$4,072.90
83	16" Butterfly Valve & Box	EACH	4	\$3,023.65	\$12,094.60	0.00	\$0.00	4.0	\$12,094.60
84	1" Type K Copper Pipe	LF	1095	\$9.20	\$10,074.00	41.00	\$377.20	41.0	\$377.20
85	2" Type K Copper Pipe	LF	90	\$22.95	\$2,065.50	60.00	\$1,377.00	60.0	\$1,377.00
86	6" Water Main DIP - CL 52 (Poly Encased)	LF	394	\$24.45	\$9,633.30	37.00	\$904.65	205.0	\$5,012.25
87	8" Water Main DIP - CL 52 (Poly Encased)	LF	2424	\$32.30	\$78,295.20	763.00	\$24,644.90	810.0	\$26,163.00
88	16" Water Main DIP - CL 52 (Poly Encased)	LF	892	\$60.95	\$54,367.40	246.00	\$14,993.70	892.0	\$54,367.40
89	Water Main Fittings	LB	3606	\$3.25	\$11,719.50	1,434.00	\$4,660.50	3,070.0	\$9,977.50
90	Random Rip-Rap, Class III (includes Geotextile Fabric)	CY	40	\$115.00	\$4,600.00	20.00	\$2,300.00	20.0	\$2,300.00
91	5" Concrete Walk	SF	5100	\$4.90	\$24,990.00	0.00	\$0.00	0.0	\$0.00
92	6" Concrete Walk - Pedestrian Ramp	SF	480	\$6.10	\$2,928.00	0.00	\$0.00	0.0	\$0.00
93	B612 Concrete Curb & Gutter	LF	365	\$19.00	\$6,935.00	0.00	\$0.00	0.0	\$0.00
94	B618 Concrete Curb & Gutter	LF	5525	\$12.25	\$67,681.25	0.00	\$0.00	0.0	\$0.00
95	6" Concrete Driveway Pavement	SY	300	\$47.75	\$14,325.00	0.00	\$0.00	0.0	\$0.00
96	8" Concrete Driveway Pavement	SY	125	\$55.75	\$6,968.75	0.00	\$0.00	0.0	\$0.00
97	Truncated Domes	SF	72	\$30.00	\$2,160.00	0.00	\$0.00	0.0	\$0.00
98	Traffic Control	LS	1	\$2,300.00	\$2,300.00	0.00	\$0.00	0.0	\$0.00
99	Sign Panels, Type C	SF	21	\$43.50	\$913.50	0.00	\$0.00	0.0	\$0.00
100	Sign, Type Special (Street Name)	EACH	3	\$495.00	\$1,485.00	0.00	\$0.00	0.0	\$0.00
101	Silt Fence, Preassembled	LF	2400	\$1.25	\$3,000.00	715.00	\$893.75	715.0	\$893.75
102	Storm Drain Inlet Protection	EACH	23	\$125.00	\$2,875.00	9.00	\$1,125.00	9.0	\$1,125.00
103	Filter Topsoil Borrow (Pulverized) (LV)	CY	125	\$39.50	\$4,937.50	0.00	\$0.00	0.0	\$0.00
104	Common Topsoil Borrow (Pulverized) (LV)	CY	1500	\$24.75	\$37,125.00	0.00	\$0.00	0.0	\$0.00
105	Sodding, Type Mineral	SY	6300	\$5.25	\$33,075.00	0.00	\$0.00	0.0	\$0.00
106	Seeding (Seed Mixture Type 25-131)	ACRE	2	\$1,108.00	\$2,216.00	0.00	\$0.00	0.0	\$0.00
107	Seeding (Seed Mixture Type Basin)	ACRE	0.2	\$777.00	\$155.40	0.00	\$0.00	0.0	\$0.00
108	Erosion Control Blanket Category 3N	SY	2400	\$1.35	\$3,240.00	1,600.00	\$2,160.00	1,600.0	\$2,160.00
109	Sediment Control Log	LF	800	\$2.10	\$1,680.00	0.00	\$0.00	0.0	\$0.00
110	6' Wide Agg. Lime Walking Trail	LF	700	\$15.50	\$10,850.00	0.00	\$0.00	0.0	\$0.00
111	Temporary Rock Construction Entrance	EACH	4	\$1,400.00	\$5,600.00	0.00	\$0.00	0.0	\$0.00
SUBTOTAL - DIVISION 1					\$1,576,039.15		\$262,332.38		\$458,326.28

TOTALS - BASE CONTRACT **\$1,576,039.15** **\$262,332.38** **\$458,326.28**

CHANGE ORDER NO. 1									
CO1-1	REMOVE INFILTRATION BASIN EXCAVATION (EV)	CY	-467.0	\$32.50	-\$15,177.50	0.00	\$0.00	0.0	\$0.00
CO1-2	REMOVE 15" RC PIPE APRON W/TRASH GUARD	EACH	-1.0	\$1,024.05	-\$1,024.05	0.00	\$0.00	0.0	\$0.00
CO1-3	REMOVE 21" RC PIPE APRON W/TRASH GUARD	EACH	-1.0	\$1,470.00	-\$1,470.00	0.00	\$0.00	0.0	\$0.00
CO1-4	REMOVE INFILTRATION BASIN UNDERDRAIN SYSTEM	LF	-410.0	\$0.01	-\$4.10	0.00	\$0.00	0.0	\$0.00
CO1-5	REMOVE FILTER TOPSOIL BORROW (PULVERIZED) (LV)	CY	-125.0	\$39.50	-\$4,937.50	0.00	\$0.00	0.0	\$0.00
CO1-6	8" C900 PIPE SEWER	LF	230.0	\$68.90	\$15,847.00	236.00	\$16,260.40	236.0	\$16,260.40
CO1-7	8"x6" C900 WYE	EACH	3.0	\$1,299.50	\$3,898.50	3.00	\$3,898.50	3.0	\$3,898.50
CO1-8	REMOVE 8"x6" PVC WYE, SDR 26	EACH	-3.0	\$1,004.55	-\$3,013.65	0.00	\$0.00	0.0	\$0.00
CO1-9	REMOVE 6" CLEAN-OUT ASSEMBLY (SCH 40)	EACH	-4.0	\$324.60	-\$1,298.40	0.00	\$0.00	0.0	\$0.00
CO1-10	REMOVE 6" PVC SANITARY SERVICE PIPE - SCH 40	LF	-460.0	\$20.45	-\$9,407.00	0.00	\$0.00	0.0	\$0.00
TOTALS - CHANGE ORDER NO. 1					-\$16,586.70		\$20,158.90		\$20,158.90

TOTALS - REVISED CONTRACT **\$1,559,452.45** **\$282,491.28** **\$478,485.18**