



## STAFF REPORT

DATE: September 4, 2018

**CONSENT**

ITEM # 7

**AGENDA ITEM:** Old Village Phase 3: Street, Drainage and Utility Improvements – Accept Improvements and Approve Pay Request No. 8 (Final)

**SUBMITTED BY:** Chad Isakson, Project Engineer

**REVIEWED BY:** Kristina Handt, City Administrator  
Rob Weldon, Public Works Director  
Jack Griffin, City Engineer

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**ISSUE BEFORE COUNCIL:** Should the City Council accept the Old Village Phase 3: Street, Drainage, and Utility Improvements and approve Pay Request No. 8 (Final) to Douglas-Kerr Underground, LLC?

**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 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 4, 2018 and will extend through September 4, 2019.

**PROPOSAL DETAILS/ANALYSIS:** Douglas-Kerr Underground, LLC, has submitted Partial Pay Request No. 8 (Final) in the amount of \$112,222.22. 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 approving Pay Request No. 8 (Final) for the Old Village Phase 3: Street, Drainage, and Utility Improvements.

**FISCAL IMPACT:** The final total construction cost for the project is \$1,598,358.67, which is 1.4% over the original contract award amount of \$1,576,039.15. The project remains within the total project budget approved by Council. A breakdown comparing the total project costs at time of award to final costs are outlined in the table below.

	<b>Authorized Project</b>	<b>Final Project Costs</b>
<b>TOTAL PROJECT COSTS:</b>	<b>\$2,200,500</b>	<b>\$2,052,500</b>
<b>Breakdown:</b>		
<i>Street, Sidewalk and Storm Sewer Improvements</i>	\$1,097,000	\$1,014,300
<i>Sanitary Sewer Improvements</i>	\$604,800	\$559,600
<i>Water System Improvements</i>	\$467,700	\$452,900
<i>Bituminous Trail</i>	\$31,000	\$25,700


**RECOMMENDATION:** Staff is recommending that the City Council consider, *as part of the Consent Agenda*, accepting the Old Village Phase 3: Street, Drainage and Utility Improvements and approving Pay Request No. 8 in the amount of \$112,222.22. 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. 8 to Douglas-Kerr Underground, LLC in the amount of \$112,222.22 for the Old Village Phase 3: Street, Drainage and Utility Improvements project”.***

**ATTACHMENTS:**

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

# PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>8 (Final)</u>				<b>FOCUS</b> ENGINEERING, inc.	
OLD VILLAGE PHASE 3 IMPROVEMENTS PROJECT NO. 2016.133				PERIOD OF ESTIMATE FROM <u>6/9/2018</u> TO <u>8/22/2018</u>	
PROJECT OWNER: <b>CITY OF LAKE ELMO</b> <b>3880 LAVERNE AVENUE NORTH</b> <b>LAKE ELMO, MN 55042</b> <b>ATTN: JACK GRIFFIN, CITY ENGINEER</b>				CONTRACTOR: <b>DOUGLAS-KERR UNDERGROUND, LLC</b> <b>2142 330TH AVE</b> <b>MORA, MN 55051</b> <b>ATTN: DENNY DOUGLAS</b>	
CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1	7/5/2017		\$16,586.70	1. Original Contract Amount	\$1,576,039.15
2	9/5/2017	\$10,085.50		2. Net Change Order Sum	\$22,319.52
3	10/17/2017	\$9,016.07		3. Revised Contract (1+2)	\$1,598,358.67
4	2/7/2018	\$5,386.40		4. *Work Completed	\$1,598,358.67
5	9/4/2018	\$2,970.00		5. *Stored Materials	\$0.00
6	9/4/2018	\$11,448.25		6. Subtotal (4+5)	\$1,598,358.67
TOTALS		\$38,906.22	\$16,586.70	7. Retainage* <span style="color: red;">0.0%</span>	\$0.00
NET CHANGE		\$22,319.52		8. Previous Payments	\$1,486,136.45
				9. Amount Due (6-7-8)	<b>\$112,222.22</b>
*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 <input checked="" type="checkbox"/>	
FINAL COMPLETION: <u>6/30/2018</u>		REMAINING <u>-53</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.  _____ ENGINEER <u>8/27/2018</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 _____ DATE	
APPROVED BY OWNER: <b>CITY OF LAKE ELMO, MINNESOTA</b>					
_____ BY			_____ BY		
_____ DATE			_____ DATE		

## PARTIAL PAY ESTIMATE NO. 8 (Final)

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	0.25	\$14,511.49	1.00	\$58,045.95
2	Clearing & Grubbing	ACRE	1.15	\$6,000.00	\$6,900.00	0.00	\$0.00	1.20	\$7,200.00
3	Clearing & Grubbing	TREE	42	\$200.00	\$8,400.00	0.00	\$0.00	43.00	\$8,600.00
4	Remove Water Main Pipe	LF	2884	\$1.20	\$3,460.80	0.00	\$0.00	2,780.00	\$3,336.00
5	Remove Sewer Pipe (Storm)	LF	144	\$11.45	\$1,648.80	0.00	\$0.00	101.00	\$1,156.45
6	Remove Concrete Curb & Gutter	LF	440	\$3.00	\$1,320.00	0.00	\$0.00	378.00	\$1,134.00
7	Remove Backstop Fence	EACH	1	\$450.00	\$450.00	0.00	\$0.00	1.00	\$450.00
8	Pulverize Bituminous Pavement (P)	SY	10246	\$1.10	\$11,270.60	0.00	\$0.00	10,246.00	\$11,270.60
9	Remove Bituminous Driveway & Parking Lot Pavement	SY	765	\$3.75	\$2,868.75	22.20	\$83.25	767.00	\$2,876.25
10	Remove Concrete Driveway Pavement	SY	300	\$6.25	\$1,875.00	-0.44	-\$2.75	491.00	\$3,068.75
11	Remove Catch Basin or Manhole (Storm)	EACH	3	\$260.00	\$780.00	0.00	\$0.00	3.00	\$780.00
12	Remove Gate Valve & Box	EACH	14	\$90.00	\$1,260.00	0.00	\$0.00	7.00	\$630.00
13	Remove Hydrant	EACH	6	\$450.00	\$2,700.00	0.00	\$0.00	6.00	\$2,700.00
14	Sawing Concrete Pavement (Full Depth)	LF	240	\$3.50	\$840.00	0.00	\$0.00	157.50	\$551.25
15	Sawing Bit Pavement (Full Depth)	LF	610	\$2.75	\$1,677.50	0.00	\$0.00	470.00	\$1,292.50
16	Salvage and Install Fence	LF	200	\$27.00	\$5,400.00	0.00	\$0.00	165.00	\$4,455.00
17	Salvage Retaining Wall	LF	100	\$24.00	\$2,400.00	0.00	\$0.00	90.00	\$2,160.00
18	Salvage Sign (Type C or Street Name Sign)	EACH	8	\$35.00	\$280.00	0.00	\$0.00	8.00	\$280.00
19	Salvage & Install Sign Type C	EACH	5	\$160.00	\$800.00	0.00	\$0.00	5.00	\$800.00
20	Salvage & Install Mailbox Assembly	EACH	26	\$90.00	\$2,340.00	0.50	\$45.00	28.00	\$2,520.00
21	Salvage & Install Pavers (Incl. Flagstone Steps & Wall)	SF	200	\$23.00	\$4,600.00	0.00	\$0.00	132.00	\$3,036.00
22	Common Excavation (P)	CY	12605	\$10.85	\$136,764.25	0.00	\$0.00	12,605.00	\$136,764.25
23	Infiltration Basin Excavation (EV)	CY	467	\$32.50	\$15,177.50	0.00	\$0.00	0.00	\$0.00
24	Subgrade Correction (EV)(Includes Select Granular Borrow - Mod 5%)	CY	400	\$29.85	\$11,940.00	0.40	\$11.94	78.00	\$2,328.30
25	Select Granular Borrow - Mod. 5% (CV)(P)	CY	7764	\$19.00	\$147,516.00	0.00	\$0.00	7,764.00	\$147,516.00
26	Geotextile Fabric, Type V	SY	1000	\$1.50	\$1,500.00	0.00	\$0.00	4,791.30	\$7,186.95
27	Agg. Base, Cl. 6 (CV) (P)	CY	2288	\$31.95	\$73,101.60	0.00	\$0.00	2,342.00	\$74,826.90
28	Street Sweeping	HOURL	40	\$150.00	\$6,000.00	0.00	\$0.00	58.75	\$8,812.50
29	Bit. Material for Tack Coat	GAL	501	\$1.40	\$701.40	0.00	\$0.00	460.00	\$644.00
30	Type SP 9.5 Wearing Course Mix (2,C) (Parking Lots, Driveways & Bike Trail:	TON	230	\$101.00	\$23,230.00	16.52	\$1,668.52	269.78	\$27,247.78
31	Type SP 9.5 Wearing Course Mix (3,B)	TON	590	\$54.50	\$32,155.00	0.00	\$0.00	610.87	\$33,292.42
32	Type SP 9.5 Wearing Course Mix (3,C)	TON	315	\$63.00	\$19,845.00	0.00	\$0.00	333.90	\$21,035.70
33	Type SP 12.5 Wearing Course Mix (3,B)	TON	790	\$48.75	\$38,512.50	0.00	\$0.00	789.11	\$38,469.11
34	Type SP 12.5 Wearing Course Mix (3,C)	TON	420	\$56.25	\$23,625.00	0.00	\$0.00	420.85	\$23,672.81
35	Bituminous Wedge Paving	TON	170	\$0.01	\$1.70	0.00	\$0.00	203.91	\$2.04
36	Saw & Seal Joint (40' Intervals)	LF	1400	\$3.25	\$4,550.00	1,726.00	\$5,609.50	1,726.00	\$5,609.50
37	Pipe Foundation Rock	LF	1600	\$0.01	\$16.00	0.00	\$0.00	0.00	\$0.00
38	15" RC Pipe Apron w/Trash Guard	EACH	1	\$1,024.05	\$1,024.05	0.00	\$0.00	1.00	\$1,024.05
39	18" RC Pipe Apron w/Trash Guard	EACH	1	\$1,095.10	\$1,095.10	0.00	\$0.00	0.00	\$0.00
40	21" RC Pipe Apron w/Trash Guard	EACH	2	\$1,470.00	\$2,940.00	0.00	\$0.00	0.00	\$0.00
41	36" Span RC Pipe-Arch Apron w/Trash Guard	EACH	2	\$2,466.45	\$4,932.90	0.00	\$0.00	2.00	\$4,932.90
42	Infiltration Basin Underdrain System	LF	410	\$0.01	\$4.10	0.00	\$0.00	0.00	\$0.00
43	4" PVC Perf. Edge Drain w/ Backfill & Wrap	LF	1300	\$10.50	\$13,650.00	0.00	\$0.00	1,100.00	\$11,550.00
44	Draintile Cleanout	EACH	20	\$175.00	\$3,500.00	0.00	\$0.00	0.00	\$0.00
45	8" PVC Pipe Sewer (SDR 26)	LF	3236	\$35.10	\$113,583.60	0.00	\$0.00	3,236.00	\$113,583.60
46	12" RC Pipe Sewer, Des 3006 CL V	LF	125	\$36.55	\$4,568.75	0.00	\$0.00	125.00	\$4,568.75
47	15" RC Pipe Sewer, Des 3006 CL V	LF	741	\$32.60	\$24,156.60	0.00	\$0.00	678.00	\$22,102.80
48	18" RC Pipe Sewer, Des 3006 CL V	LF	350	\$30.35	\$10,622.50	0.00	\$0.00	282.00	\$8,558.70
49	21" RC Pipe Sewer, Des 3006 CL III	LF	178	\$37.85	\$6,737.30	0.00	\$0.00	117.00	\$4,428.45
50	36" Span RC Pipe-Arch Sewer CL IIA	LF	101	\$100.90	\$10,190.90	0.00	\$0.00	109.00	\$10,998.10
51	Connect to Existing Sanitary Sewer	EACH	2	\$2,939.55	\$5,879.10	0.00	\$0.00	2.00	\$5,879.10
52	Construct Drainage Structure 2'x3' (w/ Casting)	EACH	7	\$1,580.75	\$11,065.25	0.00	\$0.00	6.00	\$9,484.50
53	Construct Drainage Structure Des. CC - 48" (w/ Casting)	EACH	8	\$2,432.30	\$19,458.40	0.00	\$0.00	10.00	\$24,323.00
54	Construct Drainage Structure Des. CC - 60" (w/ Casting)	EACH	2	\$3,484.05	\$6,968.10	0.00	\$0.00	1.00	\$3,484.05
55	Construct Drainage Structure Des. CC - 72" (w/ Casting)	EACH	1	\$3,940.80	\$3,940.80	0.00	\$0.00	0.00	\$0.00
56	Construct Drainage Structure Des. CC - 84" (w/ Casting)	EACH	1	\$4,945.05	\$4,945.05	0.00	\$0.00	1.00	\$4,945.05
57	8"x4" PVC Wye, SDR 26	EACH	21	\$500.75	\$10,515.75	0.00	\$0.00	21.00	\$10,515.75
58	8"x6" PVC Wye, SDR 26	EACH	9	\$1,004.55	\$9,040.95	0.00	\$0.00	6.00	\$6,027.30
59	6" Clean-Out Assembly (SCH 40)	EACH	4	\$324.60	\$1,298.40	0.00	\$0.00	0.00	\$0.00
60	2" Pressure Cleanout & CurbstopAssembly	EACH	1	\$986.40	\$986.40	0.00	\$0.00	1.00	\$986.40
61	2"x1-1/4" Fused Tee	EACH	4	\$254.20	\$1,016.80	0.00	\$0.00	4.00	\$1,016.80
62	1-1/4" Curb Stop & Box	EACH	5	\$429.50	\$2,147.50	0.00	\$0.00	5.00	\$2,147.50
63	4" PVC Sanitary Service Pipe - Sch40	LF	815	\$11.05	\$9,005.75	0.00	\$0.00	869.00	\$9,602.45
64	6" PVC Sanitary Service Pipe - Sch40	LF	760	\$20.45	\$15,542.00	0.00	\$0.00	340.00	\$6,953.00
65	1-1/4" HDPE Service Pipe	LF	250	\$9.70	\$2,425.00	0.00	\$0.00	254.00	\$2,463.80
66	2" HDPE Pressure Pipe	LF	290	\$14.15	\$4,103.50	0.00	\$0.00	470.00	\$6,650.50
67	Tracer Wire Box - (at property line)	EACH	36	\$167.60	\$6,033.60	36.00	\$6,033.60	36.00	\$6,033.60
68	Sanitary Sewer Manhole (10' Deep)	EACH	14	\$3,175.50	\$44,457.00	0.00	\$0.00	15.00	\$47,632.50
69	Sanitary Sewer Manhole Extra Depth	LF	48	\$137.15	\$6,583.20	0.00	\$0.00	49.18	\$6,745.04
70	Sewer Televising	LF	3236	\$1.25	\$4,045.00	0.00	\$0.00	3,236.00	\$4,045.00
71	2" Rigid Insulation	SY	120	\$14.30	\$1,716.00	-0.09	-\$1.29	147.00	\$2,102.10
72	Temporary Water Service	LS	1	\$25,028.00	\$25,028.00	0.00	\$0.00	1.00	\$25,028.00
73	1" Corporation Stop	EACH	27	\$279.20	\$7,538.40	0.00	\$0.00	27.00	\$7,538.40
74	2" Corporation Stop	EACH	3	\$726.45	\$2,179.35	0.00	\$0.00	2.00	\$1,452.90
75	1" Curb Stop & Box	EACH	27	\$362.85	\$9,796.95	0.00	\$0.00	27.00	\$9,796.95
76	2" Curb Stop & Box	EACH	3	\$839.00	\$2,517.00	0.00	\$0.00	3.00	\$2,517.00
77	8" x 1-1/4" Saddle Tap	EACH	1	\$390.95	\$390.95	0.00	\$0.00	1.00	\$390.95
78	Connect to Existing Water Main	EACH	3	\$1,025.40	\$3,076.20	0.00	\$0.00	3.00	\$3,076.20

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	0.00	\$0.00	32.00	\$12,235.20
80	Hydrant	EACH	8	\$4,199.10	\$33,592.80	0.00	\$0.00	11.00	\$46,190.10
81	6" Gate Valve & Box	EACH	14	\$1,586.10	\$22,205.40	0.00	\$0.00	15.00	\$23,791.50
82	8" Gate Valve & Box	EACH	8	\$2,036.45	\$16,291.60	0.00	\$0.00	8.00	\$16,291.60
83	16" Butterfly Valve & Box	EACH	4	\$3,023.65	\$12,094.60	0.00	\$0.00	4.00	\$12,094.60
84	1" Type K Copper Pipe	LF	1095	\$9.20	\$10,074.00	0.00	\$0.00	1,181.00	\$10,865.20
85	2" Type K Copper Pipe	LF	90	\$22.95	\$2,065.50	0.00	\$0.00	60.00	\$1,377.00
86	6" Water Main DIP - CL 52 (Poly Encased)	LF	394	\$24.45	\$9,633.30	0.00	\$0.00	267.00	\$6,528.15
87	8" Water Main DIP - CL 52 (Poly Encased)	LF	2424	\$32.30	\$78,295.20	0.00	\$0.00	2,441.00	\$78,844.30
88	16" Water Main DIP - CL 52 (Poly Encased)	LF	892	\$60.95	\$54,367.40	0.00	\$0.00	892.00	\$54,367.40
89	Water Main Fittings	LB	3606	\$3.25	\$11,719.50	0.00	\$0.00	3,726.00	\$12,109.50
90	Random Rip-Rap, Class III (includes Geotextile Fabric)	CY	40	\$115.00	\$4,600.00	0.00	\$0.00	33.00	\$3,795.00
91	5" Concrete Walk	SF	5100	\$4.90	\$24,990.00	0.00	\$0.00	5,083.00	\$24,906.70
92	6" Concrete Walk - Pedestrian Ramp	SF	480	\$6.10	\$2,928.00	0.10	\$0.61	710.00	\$4,331.00
93	B612 Concrete Curb & Gutter	LF	365	\$19.00	\$6,935.00	0.50	\$9.50	166.00	\$3,154.00
94	B618 Concrete Curb & Gutter	LF	5525	\$12.25	\$67,681.25	0.00	\$0.00	5,518.00	\$67,595.50
95	6" Concrete Driveway Pavement	SY	300	\$47.75	\$14,325.00	-0.30	-\$14.33	423.00	\$20,198.25
96	8" Concrete Driveway Pavement	SY	125	\$55.75	\$6,968.75	0.20	\$11.15	119.00	\$6,634.25
97	Truncated Domes	SF	72	\$30.00	\$2,160.00	0.00	\$0.00	92.50	\$2,775.00
98	Traffic Control	LS	1	\$2,300.00	\$2,300.00	0.25	\$575.00	1.00	\$2,300.00
99	Sign Panels, Type C	SF	21	\$43.50	\$913.50	0.00	\$0.00	21.00	\$913.50
100	Sign, Type Special (Street Name)	EACH	3	\$495.00	\$1,485.00	2.00	\$990.00	3.00	\$1,485.00
101	Silt Fence, Preassembled	LF	2400	\$1.25	\$3,000.00	0.00	\$0.00	715.00	\$893.75
102	Storm Drain Inlet Protection	EACH	23	\$125.00	\$2,875.00	0.00	\$0.00	30.00	\$3,750.00
103	Filter Topsoil Borrow (Pulverized) (LV)	CY	125	\$39.50	\$4,937.50	0.00	\$0.00	0.00	\$0.00
104	Common Topsoil Borrow (Pulverized) (LV)	CY	1500	\$24.75	\$37,125.00	28.77	\$712.06	949.00	\$23,487.75
105	Sodding, Type Mineral	SY	6300	\$5.25	\$33,075.00	0.00	\$0.00	11,095.00	\$58,248.75
106	Seeding (Seed Mixture Type 25-131)	ACRE	2	\$1,108.00	\$2,216.00	0.00	\$0.00	0.00	\$0.00
107	Seeding (Seed Mixture Type Basin)	ACRE	0.2	\$777.00	\$155.40	0.00	\$0.00	0.00	\$0.00
108	Erosion Control Blanket Category 3N	SY	2400	\$1.35	\$3,240.00	75.00	\$101.25	2,875.00	\$3,881.25
109	Sediment Control Log	LF	800	\$2.10	\$1,680.00	0.00	\$0.00	160.00	\$336.00
110	6' Wide Agg. Lime Walking Trail	LF	700	\$15.50	\$10,850.00	0.00	\$0.00	630.00	\$9,765.00
111	Temporary Rock Construction Entrance	EACH	4	\$1,400.00	\$5,600.00	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 1					\$1,576,039.15		\$30,344.50		\$1,549,481.45

**TOTALS - BASE CONTRACT** **\$1,576,039.15** **\$30,344.50** **\$1,549,481.45**

**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	0.00	\$0.00	236.0	\$16,260.40
CO1-7	8"x6" C900 WYE	EACH	3.0	\$1,299.50	\$3,898.50	0.00	\$0.00	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
<b>TOTALS - CHANGE ORDER NO. 1</b>					<b>-\$16,586.70</b>		<b>\$0.00</b>		<b>\$20,158.90</b>

**CHANGE ORDER NO. 2**

CO2-1	BONDED FIBER MATRIX MULCH	AC	2.0	\$3,450.00	\$6,900.00	0.20	\$690.00	1.27	\$4,381.50
CO2-2	REMOVE SHED	LS	1.0	\$650.00	\$650.00	0.00	\$0.00	1.0	\$650.00
CO2-3	MULCH	CY	20.0	\$88.00	\$1,760.00	0.00	\$0.00	20.0	\$1,760.00
CO2-4	BLACK VINYL COATED FENCE	LF	15.0	\$51.70	\$775.50	0.00	\$0.00	15.0	\$775.50
<b>TOTALS - CHANGE ORDER NO. 2</b>					<b>\$10,085.50</b>		<b>\$690.00</b>		<b>\$7,567.00</b>

**CHANGE ORDER NO. 3**

CO3-1	CONTRACTOR CREW TIME	HR	9.0	\$900.00	\$8,100.00	0.00	\$0.00	9.00	\$8,100.00
CO3-2	SERVICE PIPE MATERIALS	LS	1.0	\$391.15	\$391.15	0.00	\$0.00	1.0	\$391.15
CO3-3	HYDRANT EXTENSION	EA	1.0	\$524.92	\$524.92	0.00	\$0.00	1.0	\$524.92
<b>TOTALS - CHANGE ORDER NO. 3</b>					<b>\$9,016.07</b>		<b>\$0.00</b>		<b>\$9,016.07</b>

**CHANGE ORDER NO. 4**

CO4-1	24" RC PIPE	LF	112.0	\$43.35	\$4,855.20	0.00	\$0.00	112.00	\$4,855.20
CO4-2	24" RC PIPE APRON W/ TRASH GUARD	EA	1.0	\$1,740.05	\$1,740.05	0.00	\$0.00	1.0	\$1,740.05
CO4-3	REMOVE 21" RC PIPE SEWER, DES, 3006 CL III	LF	-61.0	\$37.85	-\$2,308.85	0.00	\$0.00	0.0	\$0.00
CO4-4	REMOVE 21" RC PIPE APRON W/TRASH GUARD	EA	-1.0	\$1,470.00	-\$1,470.00	0.00	\$0.00	0.0	\$0.00
CO4-5	DISPOSE OF CONCRETE PILLAR MONUMENT	EA	1.0	\$450.00	\$450.00	0.00	\$0.00	1.0	\$450.00
CO4-6	ADD BARREL SECTION TO SANITARY SEWER MANHOLE	LS	1.0	\$2,120.00	\$2,120.00	0.00	\$0.00	1.0	\$2,120.00
<b>TOTALS - CHANGE ORDER NO. 4</b>					<b>\$5,386.40</b>		<b>\$0.00</b>		<b>\$9,165.25</b>

**CHANGE ORDER NO. 5**

CO5-1	REMOVE AND REPLACE CROSSWALK	SF	90.0	\$33.00	\$2,970.00	90.00	\$2,970.00	90.00	\$2,970.00
<b>TOTALS - CHANGE ORDER NO. 5</b>					<b>\$2,970.00</b>		<b>\$2,970.00</b>		<b>\$2,970.00</b>

**COMPENSATING CHANGE ORDER NO. 6**

CO6-1	COMPENSATING CHANGE ORDER	LS	1.0	\$11,448.25	\$11,448.25	0.00	\$0.00	0.00	\$0.00
<b>TOTALS - COMPENSATING CHANGE ORDER NO. 6</b>					<b>\$11,448.25</b>		<b>\$0.00</b>		<b>\$0.00</b>

**TOTALS - REVISED CONTRACT** **\$1,598,358.67** **\$34,004.50** **\$1,598,358.67**



**CERTIFICATE OF COMPLETION**

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DATE OF ISSUANCE: September 4, 2018

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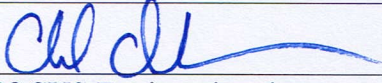
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OWNER:	<u>CITY OF LAKE ELMO, MN</u>
CONTRACTOR:	<u>DOUGLAS-KERR UNDERGROUND, LLC</u>
PROJECT NAME:	<u>OLD VILLAGE PHASE 3: STREET, DRAINAGE, AND UTILITY IMPROVEMENTS</u>
PROJECT NO.:	<u>2016.133</u>

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- ☒ 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 16, 2017. The above-mentioned improvement is hereby declared to be complete and acceptance of this work is recommended.

DATE OF COMPLETION: September 4, 2018Chad Isakson Reg. No. 49028  
FOCUS Engineering, inc.

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THE WARRANTY PERIOD BEGINS September 4, 2018 AND ENDS September 4, 2019

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