

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>5</u>	FOCUS ENGINEERING, inc.
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LAKE ELMO AVENUE SEWER INFRASTRUCTURE IMPROVEMENTS PROJECT NO. 2013.123	PERIOD OF ESTIMATE FROM <u>1/2/2014</u> TO <u>2/1/2014</u>
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PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER	CONTRACTOR: MINGER CONSTRUCTION, INC. 2471 GALPIN COURT, SUITE 110, PO BOX 236 CHANHASSEN, MN 55317-0236 ATTN: AARON HOEFS, PROJECT MANAGER
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CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1	10/15/2013	\$0.00	\$19,603.70	1. Original Contract Amount	\$3,463,201.60
2	11/6/2013	\$9,070.00	\$0.00	2. Net Change Order Sum	-\$4,480.36
3	1/6/2014	\$0.00	\$0.00	3. Revised Contract (1+2)	\$3,458,721.24
4	2/5/2014	\$6,053.34	\$0.00	4. *Work Completed	\$3,116,267.87
				5. *Stored Materials	\$0.00
				6. Subtotal (4+5)	\$3,116,267.87
				7. Retainage* <u>5.0%</u>	\$155,813.39
				8. Previous Payments	\$2,163,021.30
TOTALS		\$15,123.34	\$19,603.70	9. Amount Due (6-7-8)	\$797,433.18
NET CHANGE		(\$4,480.36)		*Detailed Breakdown Attached	

CONTRACT TIME					
START DATE:	<u>9/9/2013</u>	ORIGINAL DAYS	<u>265</u>	ON SCHEDULE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
SUBSTANTIAL COMPLETION:	<u>2/14/2014</u>	REVISED DAYS	<u>0</u>		
FINAL COMPLETION:	<u>6/1/2014</u>	REMAINING	<u>120</u>		

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>2-6-2014</u> DATE
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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
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APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA	
_____ BY	_____ BY
_____ DATE	_____ DATE

LAKE ELMO AVENUE SEWER INFRASTRUCTURE IMPROVEMENTS
 CITY OF LAKE ELMO, MINNESOTA
 PROJECT NO. 2013.123



ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
DIVISION 1 - GENERAL									
1	MOBILIZATION	LS	1	\$33,000.00	\$33,000.00	0.00	\$0.00	1	\$33,000.00
2	TRAFFIC CONTROL	LS	1	\$16,500.00	\$16,500.00	0.25	\$4,125.00	0.91	\$15,015.00
3	SILT FENCE	LF	3654	\$1.65	\$6,029.10	0.00	\$0.00	1,827	\$3,014.55
4	ROCK CONSTRUCTION ENTRANCE	EA	3	\$970.00	\$2,910.00	0.00	\$0.00	0.5	\$485.00
5	WATER FOR DUST CONTROL	MGAL	2	\$278.00	\$556.00	0.00	\$0.00	0	\$0.00
6	TREE REMOVAL	EA	206	\$266.00	\$54,796.00	0.00	\$0.00	209	\$55,594.00
7	CLEARING & GRUBBING	AC	1.9	\$4,160.00	\$7,904.00	0.00	\$0.00	1.9	\$7,904.00
8	INLET PROTECTION	EA	4	\$350.00	\$1,400.00	0.00	\$0.00	6	\$2,100.00
9	HYDRO MULCH W/ SEED & FERTILIZER	AC	9.49	\$3,700.00	\$35,113.00	0.00	\$0.00	4.30	\$15,910.00
10	SEEDING (WETLAND MIX)	AC	0.2	\$4,250.00	\$850.00	0.00	\$0.00	0	\$0.00
11	EROSION CONTROL BLANKET (WOOD FIBER)	SY	5625	\$1.10	\$6,187.50	0.00	\$0.00	0	\$0.00
12	TOPSOIL BORROW	CY	500	\$13.00	\$6,500.00	0.00	\$0.00	0	\$0.00
13	DITCH CHECK	LF	60	\$5.25	\$315.00	0.00	\$0.00	0	\$0.00
14	MODULAR BLOCK RETAINING WALL	SF	60	\$55.00	\$3,300.00	0.00	\$0.00	0	\$0.00
15	SALVAGE/SALVAGE AND REINSTALL EXISTING IRRIGATION PUMP HOUSE	LS	0	\$1,400.00	\$0.00	0.00	\$0.00	0	\$0.00
16	RAIN GARDEN	LS	1	\$11,500.00	\$11,500.00	0.00	\$0.00	0	\$0.00
SUBTOTAL - DIVISION 1					\$186,860.60		\$4,125.00		\$133,022.55
DIVISION 2 - SANITARY SEWER									
1	CONNECT TO EXISTING MANHOLE	EA	1	\$11,600.00	\$11,600.00	0.00	\$0.00	1	\$11,600.00
2	SALVAGE & REINSTALL EXISTING SANITARY SEWER MANHOLE	EA	1	\$3,760.00	\$3,760.00	0.00	\$0.00	1	\$3,760.00
3	SALVAGE & REINSTALL EXISTING SANITARY SEWER	LF	100	\$84.00	\$8,400.00	0.00	\$0.00	52	\$4,368.00
4	LIFT STATION STRUCTURE, VALVE VAULT, AND PIPING	LS	1	\$187,000.00	\$187,000.00	0.00	\$0.00	1	\$187,000.00
5	LIFT STATION PUMPS AND ACCESSORIES	LS	1	\$66,750.00	\$66,750.00	0.20	\$13,350.00	0.95	\$63,412.50
6	LIFT STATION ELECTRICAL AND CONTROLS	LS	1	\$134,000.00	\$134,000.00	0.60	\$80,400.00	0.85	\$113,900.00
7	GENERATOR	LS	1	\$98,250.00	\$98,250.00	0.90	\$88,425.00	0.95	\$93,337.50
8	CHEMICAL FEED SYSTEM	LS	1	\$243,000.00	\$243,000.00	0.85	\$206,550.00	0.85	\$206,550.00
9	16" HDPE FORCEMAIN, INSTALLED BY HDD	LF	15649	\$81.00	\$1,267,569.00	4,200.00	\$340,200.00	14,319	\$1,159,839.00
10	16" HDPE FORCEMAIN, INSTALLED BY OPEN CUT	LF	399	\$57.00	\$22,743.00	0.00	\$0.00	438	\$24,966.00
11	8" PVC, SDR 35 SANITARY SEWER (10'-15' DEPTH)	LF	15	\$155.00	\$2,325.00	0.00	\$0.00	15	\$2,325.00
12	8" PVC, SDR 35 SANITARY SEWER (15'-20' DEPTH)	LF	15	\$155.00	\$2,325.00	0.00	\$0.00	15	\$2,325.00
13	8" PVC, SDR 35 SANITARY SEWER (20'-25' DEPTH)	LF	0	\$155.00	\$0.00	0.00	\$0.00	0	\$0.00
14	18" PVC, SDR 26 SANITARY SEWER (10'-15' DEPTH)	LF	213	\$91.00	\$19,383.00	0.00	\$0.00	211	\$19,201.00
15	18" PVC, SDR 26 SANITARY SEWER (15'-20' DEPTH)	LF	193	\$91.00	\$17,563.00	0.00	\$0.00	193	\$17,563.00
16	18" PVC, PS115 SANITARY SEWER (30'-35" DEPTH)	LF	25	\$258.00	\$6,450.00	0.00	\$0.00	20	\$5,160.00
17	24" SANITARY SEWER (0-10' DEPTH)	LF	45	\$116.00	\$5,220.00	0.00	\$0.00	61	\$7,076.00
18	24" SANITARY SEWER (10-15' DEPTH)	LF	999	\$116.00	\$115,884.00	0.00	\$0.00	1,513	\$175,508.00
19	24" SANITARY SEWER (15-20' DEPTH)	LF	1353	\$116.00	\$156,948.00	0.00	\$0.00	934	\$108,344.00
20	24" SANITARY SEWER (20-25' DEPTH)	LF	583	\$116.00	\$67,628.00	0.00	\$0.00	486	\$56,376.00
21	24" SANITARY SEWER (25-30' DEPTH)	LF	213	\$116.00	\$24,708.00	0.00	\$0.00	202	\$23,432.00
22	24" SANITARY SEWER (30-35' DEPTH)	LF	92	\$116.00	\$10,672.00	0.00	\$0.00	153	\$17,748.00
23	24" SANITARY SEWER (35'-40' DEPTH)	LF	169	\$116.00	\$19,604.00	0.00	\$0.00	105	\$12,180.00
24	6" PVC, SDR 26 SOLVENT WELD SERVICE PIPE	LF	20	\$82.00	\$1,640.00	0.00	\$0.00	120	\$9,840.00
25	6" ON 18" WYE BRANCH	EA	1	\$1,140.00	\$1,140.00	0.00	\$0.00	6	\$6,840.00
26	48" DIAMETER SAN. MANHOLE, TYPE 301 (0'-10' DEPTH)	EA	12	\$4,900.00	\$58,800.00	0.00	\$0.00	11	\$53,900.00
27	54" DIAMETER SAN. MANHOLE, TYPE 301 (0'-10' DEPTH)	EA	4	\$8,400.00	\$33,600.00	0.00	\$0.00	5	\$42,000.00
28	48" DIAMETER SAN. MANHOLE, TYPE 301 EXTRA DEPTH (>10' DEPTH)	VF	120.1	\$73.00	\$8,767.30	0.00	\$0.00	112.0	\$8,173.08
29	54" DIAMETER SAN. MANHOLE, TYPE 301 EXTRA DEPTH (>10' DEPTH)	VF	44.1	\$120.00	\$5,292.00	0.00	\$0.00	56.2	\$6,746.40
30	72" CLEANOUT MANHOLE	EA	5	\$10,400.00	\$52,000.00	2.00	\$20,800.00	5	\$52,000.00
31	72" AIR RELEASE MANHOLE	EA	4	\$13,500.00	\$54,000.00	0.00	\$0.00	3	\$40,500.00
32	6" DIP CLASS 50 SANITARY SEWER	LF	0	\$108.00	\$0.00	0.00	\$0.00	0	\$0.00
33	18" DIP CLASS 50 SANITARY SEWER	LF	18	\$138.00	\$2,484.00	0.00	\$0.00	20	\$2,760.00
34	24" DIP CLASS 50 SANITARY SEWER	LF	36	\$301.00	\$10,836.00	0.00	\$0.00	40	\$12,040.00
35	EXTERNAL MANHOLE DROP	EA	3	\$9,300.00	\$27,900.00	0.00	\$0.00	3	\$27,900.00
36	16" RES. SEAT GATE VALVE & BOX	EA	18	\$8,000.00	\$144,000.00	4.00	\$32,000.00	16	\$128,000.00
37	EXCAVATE, SALVAGE, AND STOCKPILE WETLAND SOIL (CV)	CY	803	\$1.00	\$803.00	0.00	\$0.00	300	\$300.00
38	PLACE SALVAGED WETLAND SOIL (CV)	CY	803	\$1.00	\$803.00	0.00	\$0.00	300	\$300.00
39	TRENCH STABILIZATION ROCK	LF	300	\$32.00	\$9,600.00	0.00	\$0.00	0	\$0.00
40	TELEVISION	LF	4541	\$1.25	\$5,676.25	0.00	\$0.00	0	\$0.00
41	HORIZONTAL DIRECTIONAL DRILLING BORE PITS	LS	1	\$190,000.00	\$190,000.00	0.25	\$47,500.00	0.91	\$172,900.00
SUBTOTAL - DIVISION 2					\$3,099,123.55		\$829,225.00		\$2,880,170.48

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
DIVISION 3 - WATERMAIN									
1	8"X6" WET TAP (INCLUDE SLEEVE AND VALVE)	EA	0	\$5,100.00	\$0.00	0.00	\$0.00	0	\$0.00
2	6" DIP, CL. 52 WATERMAIN	LF	100	\$41.00	\$4,100.00	0.00	\$0.00	153	\$6,273.00
3	6" RES. SEAT GATE VALVE & BOX	EA	1	\$1,300.00	\$1,300.00	0.00	\$0.00	1	\$1,300.00
4	6" HYDRANT (8'-6" BURY)	EA	1	\$4,600.00	\$4,600.00	0.00	\$0.00	1	\$4,600.00
SUBTOTAL - DIVISION 3					\$10,000.00	\$0.00	\$12,173.00		
DIVISION 4 - STREETS AND RESTORATION									
1	SAWCUT BITUMINOUS PAVEMENT	LF	85	\$5.50	\$467.50	0.00	\$0.00	24	\$132.00
2	REMOVE PIPE CULVERT (ALL TYPES & SIZES)	LF	178	\$4.50	\$801.00	0.00	\$0.00	178	\$801.00
3	SALVAGE & REINSTALL WOOD WIER	EA	1	\$1,050.00	\$1,050.00	0.00	\$0.00	1.0	\$1,050.00
4	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT, DRIVES	SY	120	\$2.90	\$348.00	0.00	\$0.00	135	\$391.50
5	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT, STREETS	SY	25	\$2.90	\$72.50	0.00	\$0.00	39	\$113.10
6	REMOVE & DISPOSE OF EXIST. CONCRETE CURB & GUTTER	LF	20	\$2.50	\$50.00	0.00	\$0.00	25	\$62.50
7	LIFT STATION SITE GRADING	LS	1	\$21,600.00	\$21,600.00	0.00	\$0.00	1	\$18,360.00
8	CL.5 AGGREGATE BASE	TN	1101	\$18.00	\$19,818.00	0.00	\$0.00	913	\$16,425.90
9	SPWEA240B BITUMINOUS WEAR COURSE, DRIVES	SY	120	\$44.00	\$5,280.00	0.00	\$0.00	0	\$0.00
10	SPNWB230B BITUMINOUS NON-WEAR COURSE, STREETS	TN	165	\$194.00	\$32,010.00	0.00	\$0.00	7	\$1,358.00
11	SPWEA240B BITUMINOUS WEAR COURSE, STREETS	TN	125	\$194.00	\$24,250.00	0.00	\$0.00	0	\$0.00
12	BITUMINOUS MATERIAL FOR TACK COAT	GA	69	\$4.25	\$293.25	0.00	\$0.00	0	\$0.00
13	CONCRETE CURB & GUTTER	LF	20	\$55.00	\$1,100.00	0.00	\$0.00	0	\$0.00
14	CL.5 AGGREGATE BASE, SHOULDER	TN	55	\$47.00	\$2,585.00	0.00	\$0.00	0	\$0.00
15	15" CMP PIPE CULVERT W/APRON	LF	178	\$47.00	\$8,366.00	0.00	\$0.00	286	\$13,442.00
16	CL. 3 RIP RAP W/ GEOTEXTLE FABRIC	CY	5	\$125.00	\$625.00	0.00	\$0.00	0	\$0.00
17	OFF ROAD STRUCTURE MARKER	EA	25	\$88.00	\$2,200.00	0.00	\$0.00	0	\$0.00
SUBTOTAL - DIVISION 4					\$120,916.25	\$0.00	\$52,136.00		

TOTALS - BASE CONTRACT \$3,416,900.40 \$833,350.00 \$3,077,502.03

CHANGE ORDER NO. 1

CO1-1	8" PVC, SDR 23.5 SANITARY SEWER (25'-30' DEPTH)	LF	44.0	\$200.00	\$8,800.00	0.00	\$0.00	40.0	\$8,000.00
CO1-2	4" POLYSTYRENE INSULATION	SY	10.5	\$35.00	\$367.50	0.00	\$0.00	42.5	\$1,487.50

TOTALS - CHANGE ORDER NO. 1 \$9,167.50 \$0.00 \$9,487.50

CHANGE ORDER NO. 2

CO2-1	COST FOR ADDITIONAL EASEMENT TO RELOCATE MH 0-1	LS	1.0	-\$3,500.00	-\$3,500.00	0.00	\$0.00	1.0	-\$3,500.00
CO2-2	8" X 8" WET TAP INCL. VALVE & SLEEVE	EA	1.0	\$5,500.00	\$5,500.00	0.00	\$0.00	1.0	\$5,500.00
CO2-3	12" DIP CL. 52 WATERMAIN INCL. FITTINGS	LF	328.0	\$75.00	\$24,600.00	0.00	\$0.00	283.0	\$21,225.00

TOTALS - CHANGE ORDER NO. 2 \$26,600.00 \$0.00 \$23,225.00

CHANGE ORDER NO. 4

CO4-1	ADDITIONAL FILL & GRADING AT LS SITE	CY	699.0	\$8.66	\$6,053.34	699.00	\$6,053.34	699.0	\$6,053.34
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TOTALS - CHANGE ORDER NO. 4 \$6,053.34 \$6,053.34 \$6,053.34

TOTALS - REVISED CONTRACT \$3,458,721.24 \$839,403.34 \$3,116,267.87