



## STAFF REPORT

DATE: February 7, 2017

**REGULAR**

ITEM #: 6

**AGENDA ITEM:** Eagle Point Boulevard Street and Utility Improvements – Pay Request No. 7 (Final)

**SUBMITTED BY:** Jack Griffin, City Engineer

**REVIEWED BY:** Kristina Handt, City Administrator  
Cathy Bendel, Finance Director  
Ryan Stempksi, Project Engineer

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**BACKGROUND:** Miller Excavating, Inc. was awarded a construction contract on July 7, 2015 to complete the Eagle Point Boulevard Street and Utility Improvements. The contractor has completed the work in accordance with the contract, plans and specifications.

**ISSUE BEFORE COUNCIL:** Should the City Council accept the improvements and approve Pay Request No. 7 (Final)?

**PROPOSAL DETAILS/ANALYSIS:** The Eagle Point Boulevard Street and Utility Improvements have been reviewed by the Engineer and have been found to be fully completed in accordance with the Contract, Plans and Specifications and Change Orders. The Project Engineer has prepared a Certificate of Completion indicating that all work is completed including all punchlist 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 February 7, 2017 and will extend through February 7, 2018.

**FISCAL IMPACT:** Final payment is proposed in accordance with the Contract for the project. The Project was completed within the authorized scope and budget. The final total construction costs for the project is \$1,158,809.37 which is 7.25% under the original contract amount of \$1,249,494.09. A breakdown of the project costs compared with the previously approved budget is shown below.

### **Eagle Point Boulevard Street and Utility Improvements – Final Project Cost Summary**

	<b>Final Project Costs</b>	<b>Authorized Project Costs</b>
<b>Total Project Costs:</b>	\$1,343,809.37	\$1,485,800
<b>Breakdown:</b>		
<i>Construction:</i>	\$1,158,809.37	\$1,249,494.09
<i>Contingency:</i>	\$0	\$34,005.91
<i>Engineering (Report, Design, Construction, Right of Way Services)</i>	\$140,000	\$155,300
<i>Geotechnical Engineering:</i>	\$14,000	\$16,000
<i>Budget for Legal, Fiscal, and Administration:</i>	\$31,000	\$31,000

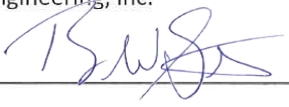
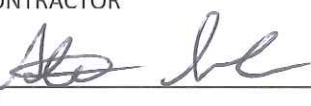
**RECOMMENDATION:** Staff is recommending that the City Council approve, *as part of the Consent Agenda*, accepting the Eagle Point Boulevard Street and Utility Improvements and approving Pay Request No. 7 (Final) in the amount of \$57,940.47. If removed from the consent agenda, the recommended motion for the action is as follows:

***“Move to accept the improvements and approve Pay Request No. 7 (final) to Miller Excavating, Inc. in the amount of \$57,940.47 for the Eagle Point Boulevard Street and Utility Improvements”.***

**ATTACHMENTS:**

1. Partial Pay Estimate No. 7 (Final).
2. Certificate of Completion.

# PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>7 (Final)</u>			<b>FOCUS</b> ENGINEERING, inc.		
EAGLE POINT BLVD STREET & UTILITY IMPROVEMENTS PROJECT NO. 2015.120			PERIOD OF ESTIMATE FROM <u>10/1/2016</u> TO <u>12/31/2016</u>		
PROJECT OWNER: <b>CITY OF LAKE ELMO</b> 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER			CONTRACTOR: <b>MILLER EXCAVATING, INC.</b> 3636 STAGECOACH TRAIL NORTH STILLWATER, MN 55082 ATTN: STEVE ST. CLAIRE, PROJECT MANAGER		
CONTRACT CHANGE ORDER SUMMARY			PAY ESTIMATE SUMMARY		
No.	Approval Date	Amount			
		Additions	Deductions		
1	8/4/2015		\$28,500.00	1. Original Contract Amount <u>\$1,249,494.09</u>	
2	11/4/2015			2. Net Change Order Sum <u>-\$90,684.72</u>	
3	5/2/2016			3. Revised Contract (1+2) <u>\$1,158,809.37</u>	
4	2/7/2017		\$62,184.72	4. *Work Completed <u>\$1,158,809.37</u>	
				5. *Stored Materials <u>\$0.00</u>	
				6. Subtotal (4+5) <u>\$1,158,809.37</u>	
				7. Retainage* <u>0.0%</u> <u>\$0.00</u>	
				8. Previous Payments <u>\$1,100,868.90</u>	
TOTALS		\$0.00	\$90,684.72	9. Amount Due (6-7-8) <u>\$57,940.47</u>	
NET CHANGE		(\$90,684.72)	*Detailed Breakdown Attached		
CONTRACT TIME					
START DATE: <u>7/31/2015</u>		ORIGINAL DAYS <u>427</u>		ON SCHEDULE	
SUBSTANTIAL COMPLETION: <u>11/6/2015</u>		REVISED DAYS <u>0</u>		YES <input type="checkbox"/>	
FINAL COMPLETION: <u>9/30/2016</u>		REMAINING <u>-92</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>1/24/2017</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>1/24/17</u> DATE		
APPROVED BY OWNER: <b>CITY OF LAKE ELMO, MINNESOTA</b>					
BY _____			BY _____		
DATE _____			DATE _____		

PARTIAL PAY ESTIMATE NO. 7 (Final)

EAGLE POINT BLVD STREET & UTILITY IMPROVEMENTS  
CITY OF LAKE ELMO, MINNESOTA  
PROJECT NO. 2015.120

**FOCUS** ENGINEERING, inc.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT AMOUNT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
DIVISION 1 - GENERAL									
1	MOBILIZATION	LS	1.00	\$29,900.00	\$29,900.00	0.00	\$0.00	1.00	\$29,900.00
2	TRAFFIC CONTROL	LS	1.00	\$6,850.00	\$6,850.00	0.00	\$0.00	1.00	\$6,850.00
3	SILT FENCE	LF	3,100.00	\$2.00	\$6,200.00	0.00	\$0.00	3,105.00	\$6,210.00
4	INLET PROTECTION	EA	17.00	\$200.00	\$3,400.00	0.00	\$0.00	17.00	\$3,400.00
5	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EA	2.00	\$1,000.00	\$2,000.00	0.00	\$0.00	2.00	\$2,000.00
6	STREET SWEEPING	HR	20.00	\$100.00	\$2,000.00	0.00	\$0.00	8.50	\$850.00
7	6" TOPSOIL AND SOD	SY	5,145.00	\$10.50	\$54,022.50	0.00	\$0.00	3,555.00	\$37,327.50
8	HYDRAULIC MULCH (TEMPORARY)	SY	2,575.00	\$1.15	\$2,961.25	0.00	\$0.00	3,816.00	\$4,388.40
SUBTOTAL - DIVISION 1			\$107,333.75			\$0.00		\$90,925.90	
DIVISION 2 - SANITARY SEWER									
9	CONNECT TO EXISTING SANITARY SEWER MANHOLE	EA	2.00	\$2,800.00	\$5,600.00	0.00	\$0.00	2.00	\$5,600.00
10	SANITARY SEWER PIPE - 8"	LF	764.00	\$33.60	\$25,670.40	0.00	\$0.00	764.00	\$25,670.40
11	SANITARY SEWER MANHOLE - TYPE 301	EA	3.00	\$3,400.00	\$10,200.00	0.00	\$0.00	3.00	\$10,200.00
12	EXCESS MANHOLE DEPTH	LF	12.00	\$240.00	\$2,880.00	0.00	\$0.00	12.00	\$2,880.00
13	REMOVAL OF UNSTABLE FOUNDATION MATERIAL	CY	42.00	\$52.00	\$2,184.00	0.00	\$0.00	0.00	\$0.00
14	STABILIZING AGGREGATE BORROW/	CY	42.00	\$68.00	\$2,856.00	0.00	\$0.00	0.00	\$0.00
15	TELEVISION	LF	764.00	\$3.50	\$2,674.00	0.00	\$0.00	764.00	\$2,674.00
SUBTOTAL - DIVISION 2			\$52,064.40			\$0.00		\$47,024.40	
DIVISION 3 - WATERMAIN									
16	CONNECT TO EXISITING WATERMAIN	EA	1.00	\$2,650.00	\$2,650.00	0.00	\$0.00	1.00	\$2,650.00
17	6" GATE VALVE & BOX	EA	1.00	\$1,990.00	\$1,990.00	0.00	\$0.00	1.00	\$1,990.00
18	12" GATE VALVE	EA	2.00	\$4,770.00	\$9,540.00	0.00	\$0.00	2.00	\$9,540.00
19	16" BUTTERFLY VALVE & BOX	EA	1.00	\$4,990.00	\$4,990.00	0.00	\$0.00	1.00	\$4,990.00
20	HYDRANT	EA	1.00	\$4,560.00	\$4,560.00	0.00	\$0.00	1.00	\$4,560.00
21	16" DIP CL. 52 WATERMAIN	LF	209.00	\$108.00	\$22,572.00	0.00	\$0.00	230.00	\$24,840.00
22	REMOVE AND REPLACE VALVE BOX	EA	2.00	\$985.00	\$1,970.00	0.00	\$0.00	2.00	\$1,970.00
23	16"x45" BEND MJ DUCTILE IRON COMPACT FITTING	EA	1.00	\$1,560.00	\$1,560.00	0.00	\$0.00	1.00	\$1,560.00
24	16"x16" TEE MJ DUCTILE IRON COMPACT FITTING	EA	1.00	\$2,190.00	\$2,190.00	0.00	\$0.00	2.00	\$4,380.00
25	16"x12" REDUCER MJ DUCTILE IRON COMPACT FITTING	EA	2.00	\$1,380.00	\$2,760.00	0.00	\$0.00	2.00	\$2,760.00
26	16"x6" REDUCER MJ DUCTILE IRON COMPACT FITTING	EA	1.00	\$1,270.00	\$1,270.00	0.00	\$0.00	2.00	\$2,540.00
27	4" POLYSTYRENE INSULATION	SF	32.00	\$10.00	\$320.00	0.00	\$0.00	32.00	\$320.00
SUBTOTAL - DIVISION 3			\$56,372.00			\$0.00		\$62,100.00	
DIVISION 4 - STORM SEWER									
28	REMOVE EXISTING STORM SEWER STRUCTURE	EA	2.00	\$400.00	\$800.00	0.00	\$0.00	2.00	\$800.00
29	REMOVE EXISTING STORM SEWER (ALL TYPES AND SIZES)	LF	65.00	\$15.00	\$975.00	0.00	\$0.00	65.00	\$975.00
30	CONNECT TO EXISTING STORM SEWER STRUCTURE	EA	2.00	\$890.00	\$1,780.00	0.00	\$0.00	2.00	\$1,780.00
31	STORM SEWER PIPE - 12" RCP	LF	117.00	\$33.00	\$3,861.00	0.00	\$0.00	117.00	\$3,861.00
32	STORM SEWER PIPE - 15" RCP	LF	971.00	\$34.50	\$33,499.50	0.00	\$0.00	971.00	\$33,499.50
33	CATCH BASIN - TYPE 404	EA	3.00	\$1,695.00	\$5,085.00	0.00	\$0.00	3.00	\$5,085.00
34	CATCH BASIN/MANHOLE - TYPE 406	EA	7.00	\$2,665.00	\$18,655.00	0.00	\$0.00	7.00	\$18,655.00
35	RESET EXISTING CATCH BASIN CASTING	EA	2.00	\$475.00	\$950.00	0.00	\$0.00	2.00	\$950.00
36	REPAIR EXISTING CATCH BASIN CONCRETE	SF	27.00	\$36.00	\$972.00	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 4			\$66,577.50			\$0.00		\$65,605.50	
DIVISION 5 - STREETS									
37	SALVAGE POST AND SIGN	EA	11.00	\$60.00	\$660.00	0.00	\$0.00	5.00	\$300.00
38	REMOVE POST AND SIGN	EA	1.00	\$60.00	\$60.00	0.00	\$0.00	1.00	\$60.00
39	SAWCUT BITUMINOUS OR CONCRETE	LF	553.00	\$3.00	\$1,659.00	0.00	\$0.00	538.00	\$1,614.00
40	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT (DRIVEWAY)	SY	266.00	\$5.00	\$1,330.00	0.00	\$0.00	266.00	\$1,330.00
41	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT (DRIVEWAY)	SY	380.00	\$6.00	\$2,280.00	0.00	\$0.00	42.00	\$252.00
42	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB	LF	7,036.00	\$2.00	\$14,072.00	0.00	\$0.00	7,111.00	\$14,222.00
43	COMMON EXCAVATION	LS	1.00	\$214,450.00	\$214,450.00	0.00	\$0.00	1.00	\$214,450.00
44	SELECT GRANULAR BORROW (CV) (P)	CY	12,000.00	\$11.95	\$143,400.00	0.00	\$0.00	12,000.00	\$143,400.00
45	SUBGRADE CORRECTION	SY	2,700.00	\$9.00	\$24,300.00	0.00	\$0.00	468.00	\$4,212.00
46	SUBGRADE PREPARATION	RS	34.00	\$150.00	\$5,100.00	0.00	\$0.00	34.00	\$5,100.00

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT AMOUNT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
47	CLASS 6 AGGREGATE BASE	TN	9,850.00	\$12.65	\$124,602.50	0.00	\$0.00	8,869.00	\$112,192.85
48	AGGREGATE TRAIL RESTORATION	TN	9.00	\$80.00	\$720.00	0.00	\$0.00	7.20	\$576.00
49	BITUMINOUS NON-WEAR COURSE	TN	1,825.00	\$62.00	\$113,150.00	0.00	\$0.00	1,724.08	\$106,892.96
50	BITUMINOUS WEAR COURSE	TN	1,825.00	\$62.00	\$113,150.00	0.00	\$0.00	1,774.36	\$110,010.32
51	BITUMINOUS MATERIAL FOR TACK COAT	GA	842.00	\$3.00	\$2,526.00	0.00	\$0.00	1,030.00	\$3,090.00
52	CONCRETE CURB AND GUTTER	LF	6,596.00	\$12.00	\$79,152.00	0.00	\$0.00	6,677.00	\$80,124.00
53	DRIVEWAY VALLEY GUTTER	EA	4.00	\$2,970.00	\$11,880.00	0.00	\$0.00	3.00	\$8,910.00
54	6" CONCRETE DRIVEWAY PAVEMENT	SY	40.00	\$55.00	\$2,200.00	0.00	\$0.00	42.50	\$2,337.50
55	BITUMINOUS DRIVEWAY PAVEMENT	SY	295.00	\$27.00	\$7,965.00	0.00	\$0.00	149.00	\$4,023.00
56	PERFORATED PVC EDGE DRAIN	LF	6,560.00	\$9.00	\$59,940.00	0.00	\$0.00	4,273.00	\$38,457.00
57	DRAINTILE CLEANOUT	EA	50.00	\$150.00	\$7,500.00	0.00	\$0.00	31.00	\$4,650.00
58	DRAINTILE CONNECTION INTO CATCH BASIN	EA	8.00	\$400.00	\$3,200.00	0.00	\$0.00	8.00	\$3,200.00
59	PRECAST CONCRETE HEADWALL FOR DRAINTILE	EA	6.00	\$515.00	\$3,090.00	0.00	\$0.00	6.00	\$3,090.00
60	ADJUST MANHOLE CASTING	EA	4.00	\$600.00	\$2,400.00	0.00	\$0.00	5.00	\$3,000.00
61	ADJUST GATE VALVE BOX	EA	18.00	\$350.00	\$6,300.00	0.00	\$0.00	16.00	\$5,600.00
62	FURNISH SIGN PANEL	SF	15.00	\$45.00	\$675.00	0.00	\$0.00	15.00	\$675.00
63	INSTALL SIGN PANELS	EA	2.00	\$200.00	\$400.00	0.00	\$0.00	2.00	\$400.00
64	4" SOLID LINE WHITE EPOXY	LF	7,116.00	\$0.53	\$3,771.48	0.00	\$0.00	7,116.00	\$3,771.48
65	4" SOLID LINE YELLOW EPOXY	LF	1,524.00	\$0.53	\$807.72	0.00	\$0.00	1,524.00	\$807.72
66	4" BROKEN LINE YELLOW EPOXY	LF	2,558.00	\$0.53	\$1,355.74	0.00	\$0.00	2,558.00	\$1,355.74
67	STOP BAR - POLY PREFORMED	EA	2.00	\$1,200.00	\$2,400.00	0.00	\$0.00	2.00	\$2,400.00
68	TEMPORARY PAVEMENT STRIPING	LS	1.00	\$4,500.00	\$4,500.00	0.00	\$0.00	1.00	\$4,500.00
69	PAVEMENT MARKINGS - POLY PREFORMED	EA	10.00	\$815.00	\$8,150.00	0.00	\$0.00	10.00	\$8,150.00
SUBTOTAL - DIVISION 5					\$967,146.44		\$0.00		\$893,153.57

TOTALS - BASE CONTRACT	\$1,249,494.09	\$0.00	\$1,158,809.37
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#### CHANGE ORDER NO. 1

CO1-1	PERFORATED PVC EDGE DRAIN	LF	(2,850.00)	\$9.00	-\$25,650.00	0.00	\$0.00	0	\$0.00
CO1-2	DRAINTILE CLEANOUT	EA	(19.00)	\$150.00	-\$2,850.00	0.00	\$0.00	0	\$0.00

TOTALS - CHANGE ORDER NO. 1	-\$28,500.00	\$0.00	\$0.00
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#### COMPENSATING CHANGE ORDER NO. 4

CO4-1	COMPENSATING CHANGE ORDER	LS	1.00	-\$62,184.72	-\$62,184.72	0.00	\$0.00	0	\$0.00
					-\$62,184.72		\$0.00		\$0.00

TOTALS - REVISED CONTRACT	\$1,158,809.37	\$0.00	\$1,158,809.37
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**CERTIFICATE OF COMPLETION**

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DATE OF ISSUANCE: February 7, 2017

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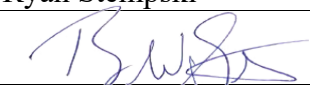
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OWNER:	<u>CITY OF LAKE ELMO, MN</u>
CONTRACTOR:	<u>MILLER EXCAVATING, INC.</u>
PROJECT NAME:	<u>EAGLE POINT BLVD. STREET AND UTILITY IMPROVEMENTS</u>
PROJECT NO.:	<u>2015.120</u>

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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 July 31, 2015. The above-mentioned improvement is hereby declared to be complete and acceptance of this work is recommended.

DATE OF COMPLETION: February 7, 2017Ryan Stempski Reg. No. 45395  
FOCUS Engineering, inc.

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THE WARRANTY PERIOD BEGINS February 7, 2017 AND ENDS February 7, 2018

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