



# MAYOR & COUNCIL COMMUNICATION

**DATE:** October 18, 2016  
**CONSENT**  
**ITEM #** 10

**AGENDA ITEM:** Inwood Booster Station Improvements – Pay Request No. 5

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

**THROUGH:** Kristina Handt, City Administrator

**REVIEWED BY:** Jack Griffin, City Engineer  
Cathy Bendel, Finance Director

**SUGGESTED ORDER OF BUSINESS (if removed from the Consent Agenda):**

- Questions from Council to Staff..... Mayor Facilitates
- Public Input, if Appropriate.....Mayor Facilitates
- Call for Motion.....Mayor & City Council
- Discussion .....Mayor & City Council
- Action on Motion ..... Mayor Facilitates

**POLICY RECOMMENDER:** Engineering.

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

**SUMMARY AND ACTION REQUESTED:** The City Council is respectfully requested to consider approving Pay Request No. 5 for the Inwood Booster Station Improvements project.

**LEGISLATIVE HISTORY/BACKGROUND INFORMATION:** Magney Construction, Inc., the Contractor for the project, has submitted Partial Pay Estimate No. 5 in the amount of \$509,521.58. 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 \$47,813.99.

**RECOMMENDATION:** Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Pay Request No. 5 for the Inwood Booster Station Improvements project. If removed from the consent agenda, the recommended motion for the action is as follows:

***“Move to approve Pay Request No. 5 to Magney Construction, Inc. in the amount of \$509,521.58 for the Inwood Booster Station Improvements”.***

**ATTACHMENT(S):**

1. Partial Pay Estimate No. 5

**PROJECT PAY FORM**

PARTIAL PAY ESTIMATE NO. <u>5</u>		<b>FOCUS</b> ENGINEERING, inc.	
INWOOD BOOSTER STATION IMPROVEMENTS PROJECT NO. 2014.129		PERIOD OF ESTIMATE FROM <u>9/1/2016</u> TO <u>9/30/2016</u>	
PROJECT OWNER: <b>CITY OF LAKE ELMO</b> 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER		CONTRACTOR: <b>MAGNEY CONSTRUCTION, INC.</b> 1401 PARK ROAD CHANHASSEN, MN 55317	
CONTRACT CHANGE ORDER SUMMARY		PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount	
		Additions	Deductions
1			\$5,048.49
2		\$2,754.96	
TOTALS		\$2,754.96	\$5,048.49
NET CHANGE		(\$2,293.53)	
		1. Original Contract Amount <u>\$1,308,404.00</u>	
		2. Net Change Order Sum <u>-\$2,293.53</u>	
		3. Revised Contract (1+2) <u>\$1,306,110.47</u>	
		4. *Work Completed <u>\$956,279.75</u>	
		5. *Stored Materials <u>\$0.00</u>	
		6. Subtotal (4+5) <u>\$956,279.75</u>	
		7. Retainage* <u>5.0%</u> <u>\$47,813.99</u>	
		8. Previous Payments <u>\$398,944.19</u>	
		9. Amount Due (6-7-8) <u>\$509,521.58</u>	
		*Detailed Breakdown Attached	
CONTRACT TIME			
START DATE:	<u>4/28/2016</u>	ORIGINAL DAYS	<u>211</u>
SUBSTANTIAL COMPLETION:	<u>10/28/2016</u>	REVISED DAYS	<u>214</u>
FINAL COMPLETION:	<u>11/25/2016</u>	REMAINING	<u>59</u>
		ON SCHEDULE	YES <input checked="" type="checkbox"/>
			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.		MSA PROFESSIONAL SERVICES <u><i>Thomas A. Jones</i></u> ENGINEER <u>10/10/16</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 <u><i>Peter Credette</i></u> BY <u>10-10-16</u> DATE	
APPROVED BY OWNER: <b>CITY OF LAKE ELMO, MINNESOTA</b>			
BY _____		BY _____	
DATE _____		DATE _____	

**INWOOD BOOSTER STATION IMPROVEMENTS  
CITY OF LAKE ELMO, MINNESOTA  
PROJECT NO. 2014.129**



ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
<b>DIVISION 1 - GENERAL</b>									
1	MOBILIZATION	LS	1	\$55,000.00	\$55,000.00	0.00	\$0.00	1.00	\$55,000.00
2	TRAFFIC CONTROL	LS	1	\$700.00	\$700.00	0.10	\$70.00	0.90	\$630.00
3	SILT FENCE	LF	240	\$3.00	\$720.00	0.00	\$0.00	240	\$720.00
4	CLEARING AND GRUBBING	LS	1	\$2,000.00	\$2,000.00	0.00	\$0.00	1	\$2,000.00
5	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EA	1	\$1,000.00	\$1,000.00	0.00	\$0.00	1	\$1,000.00
6	STREET SWEEPING	HR	10	\$105.00	\$1,050.00	0.00	\$0.00	0	\$0.00
7	SITE RESTORATION	LS	1	\$4,800.00	\$4,800.00	0.00	\$0.00	0	\$0.00
SUBTOTAL - DIVISION 1					\$65,270.00		\$70.00		\$59,350.00
<b>DIVISION 2 - WATER MAIN</b>									
8	CONNECT TO EXISTING WATERMAIN AND SERVICE	EA	3	\$1,500.00	\$4,500.00	0.00	\$0.00	3	\$4,500.00
9	1.5" COPPER WATER SERVICE PIPE	LF	65	\$50.00	\$3,250.00	0.00	\$0.00	65	\$3,250.00
10	12" DUCTILE IRON WATERMAIN PIPE, CLASS 52	LF	100	\$120.00	\$12,000.00	0.00	\$0.00	100	\$12,000.00
11	DUCTILE IRON FITTINGS	LB	344	\$16.00	\$5,504.00	0.00	\$0.00	344	\$5,504.00
SUBTOTAL - DIVISION 2					\$25,254.00		\$0.00		\$25,254.00
<b>DIVISION 3 - STORM SEWER</b>									
12	10" PVC DRAIN	LF	15	\$50.00	\$750.00	0.00	\$0.00	0	\$0.00
13	18" RCP STORM SEWER PIPE, CLASS 5	LF	130	\$50.00	\$6,500.00	0.00	\$0.00	121	\$6,050.00
14	18" RCP FLARED END SECTION	EA	1	\$1,500.00	\$1,500.00	0.00	\$0.00	1	\$1,500.00
15	CATCH BASIN/MANHOLE	EA	2	\$3,000.00	\$6,000.00	0.00	\$0.00	2	\$6,000.00
16	RANDOM RIPRAP CLASS III (CV)	CY	10	\$160.00	\$1,600.00	10.00	\$1,600.00	10	\$1,600.00
SUBTOTAL - DIVISION 3					\$16,350.00		\$1,600.00		\$15,150.00
<b>DIVISION 4 - DRIVEWAY CONSTRUCTION</b>									
17	COMMON EXCAVATION (P)	CY	690	\$20.00	\$13,800.00	0.00	\$0.00	690	\$13,800.00
18	SELECT GRANULAR BORROW (P)	CY	110	\$25.00	\$2,750.00	90.00	\$2,250.00	110	\$2,750.00
19	SUBGRADE PREPARATION	LS	1	\$1,400.00	\$1,400.00	0.70	\$980.00	1.00	\$1,400.00
20	AGGREGATE BASE CLASS 5	TON	140	\$22.00	\$3,080.00	118.00	\$2,596.00	118	\$2,596.00
21	TYPE SP 9.5 WEAR COURSE MIX (2,B)	TON	50	\$95.00	\$4,750.00	0.00	\$0.00	0	\$0.00
22	4" CONCRETE SIDEWALK	SY	41	\$70.00	\$2,870.00	31.00	\$2,170.00	31	\$2,170.00
23	SEGMENTAL RETAINING WALL	FF	480	\$23.00	\$11,040.00	421.00	\$9,683.00	421	\$9,683.00
24	SPLIT RAIL FENCE	LF	120	\$17.00	\$2,040.00	0.00	\$0.00	0	\$0.00
25	GUARD POST	EA	3	\$350.00	\$1,050.00	3.00	\$1,050.00	3	\$1,050.00
26	6" PERFORATED PVC DRAIN	LF	140	\$40.00	\$5,600.00	0.00	\$0.00	140	\$5,600.00
27	8" INLINE DRAIN	EA	5	\$900.00	\$4,500.00	0.00	\$0.00	5	\$4,500.00
28	ROOF DRAIN COLLECTION	EA	5	\$900.00	\$4,500.00	0.00	\$0.00	0	\$0.00
29	DRAINTILE CLEANOUT	EA	1	\$900.00	\$900.00	1.00	\$900.00	1	\$900.00
SUBTOTAL - DIVISION 4					\$58,280.00		\$19,629.00		\$44,449.00
<b>30 DIVISION 5 - BOOSTER FACILITY</b>									
31	Supervision	LS	1	\$18,550.00	\$18,550.00	0.10	\$1,855.00	0.60	\$11,130.00
32	Bond & Insurance	LS	1	\$19,620.00	\$19,620.00	0.00	\$0.00	1.00	\$19,620.00
31000	Concrete Work	LS	1	\$58,760.00	\$58,760.00	0.05	\$2,938.00	1.00	\$58,760.00
32000	Rebar	LS	1	\$5,100.00	\$5,100.00	0.05	\$255.00	1.00	\$5,100.00
33516	Heavy Duty Concrete Floor Finish	LS	1	\$1,860.00	\$1,860.00	0.00	\$0.00	0.00	\$0.00
42000	Masonry Work	LS	1	\$70,480.00	\$70,480.00	0.00	\$0.00	0.65	\$45,812.00
55000	Misc. Metals	LS	1	\$3,350.00	\$3,350.00	0.00	\$0.00	1.00	\$3,350.00
61000	Rough Carpentry	LS	1	\$25,500.00	\$25,500.00	0.00	\$0.00	1.00	\$25,500.00
62210	Plastic Trim	LS	1	\$1,170.00	\$1,170.00	1.00	\$1,170.00	1.00	\$1,170.00
71113	Bituminous Dampproofing	LS	1	\$670.00	\$670.00	0.00	\$0.00	1.00	\$670.00
72113	Insulation (below grade)	LS	1	\$1,250.00	\$1,250.00	0.00	\$0.00	1.00	\$1,250.00
72126	Blown Fiberglass Insulation	LS	1	\$2,700.00	\$2,700.00	0.00	\$0.00	0.00	\$0.00
72726	Fluid Applied Membrane Air Barrier	LS	1	\$4,000.00	\$4,000.00	0.00	\$0.00	1.00	\$4,000.00
73113	Asphalt Shingles	LS	1	\$6,600.00	\$6,600.00	0.00	\$0.00	1.00	\$6,600.00
74618	Metal Soffit & Fascia, gutters & downspouts	LS	1	\$6,550.00	\$6,550.00	0.45	\$2,947.50	0.80	\$5,240.00
74646	Mineral Fiber Siding	LS	1	\$10,600.00	\$10,600.00	0.85	\$9,010.00	0.85	\$9,010.00
79200	Joint Sealants	LS	1	\$3,210.00	\$3,210.00	0.00	\$0.00	0.00	\$0.00
81600	FRP Doors	LS	1	\$11,950.00	\$11,950.00	1.00	\$11,950.00	1.00	\$11,950.00
88100	Glass & Glazing	LS	1	\$500.00	\$500.00	0.00	\$0.00	0.00	\$0.00
88410	Translucent Windows	LS	1	\$9,960.00	\$9,960.00	0.00	\$0.00	0.00	\$0.00
97750	FRP Surface laminated panels	LS	1	\$9,640.00	\$9,640.00	0.00	\$0.00	0.00	\$0.00
99600	High performance Coating	LS	1	\$13,400.00	\$13,400.00	0.00	\$0.00	0.20	\$2,680.00
101469	Warning Signs	LS	1	\$200.00	\$200.00	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
104416	Fire Extinguishers	LS	1	\$350.00	\$350.00	0.00	\$0.00	0.00	\$0.00
220000	Plumbing	LS	1	\$22,500.00	\$22,500.00	0.00	\$0.00	0.35	\$7,875.00
230000	HVAC	LS	1	\$46,400.00	\$46,400.00	0.70	\$32,480.00	0.90	\$41,760.00
260500	Electrical	LS	1	\$79,800.00	\$79,800.00	0.58	\$46,284.00	0.90	\$71,820.00
312305	Earthwork	LS	1	\$7,880.00	\$7,880.00	0.00	\$0.00	1.00	\$7,880.00
331300	Disinfection of Water Storage Structures	LS	1	\$950.00	\$950.00	0.00	\$0.00	0.00	\$0.00
402323	Process Piping	LS	1	\$111,400.00	\$111,400.00	0.00	\$0.00	0.40	\$44,560.00
412223	Portable Hand Chain Hoist & Trolley	LS	1	\$1,200.00	\$1,200.00	0.50	\$600.00	0.50	\$600.00
444200	Water System Storage Tanks	LS	1	\$26,200.00	\$26,200.00	1.00	\$26,200.00	1.00	\$26,200.00
444256	Vertical Split Case Booster Pumps	LS	1	\$78,200.00	\$78,200.00	0.00	\$0.00	0.00	\$0.00
444416	Gas Chlorination Sytem	LS	1	\$101,500.00	\$101,500.00	0.90	\$91,350.00	0.90	\$91,350.00
33	SCADA INTEGRATION AND SYSTEM IMPROVEMENTS (SCADA CONTRACTOR)	LS	1	\$30,000.00	\$30,000.00	0.00	\$0.00	0.00	\$0.00
34	PROCESS INSTRUMENTATION AND CONTROL (SYSTEM INTEGRATOR)	LS	1	\$215,000.00	\$215,000.00	0.90	\$193,500.00	0.90	\$193,500.00
35	230 KW GENERATOR SET	LS	1	\$105,000.00	\$105,000.00	0.90	\$94,500.00	0.90	\$94,500.00
36	UTILITY ALLOWANCE (ELECTRIC, NATURAL GAS, TELECOMMUNICATION/DA)	LS	1	\$10,000.00	\$10,000.00	0.00	\$0.00	0.02	\$189.75
37	HOLDING TANK AND ASSOCIATED PIPING	LS	1	\$20,000.00	\$20,000.00	0.00	\$0.00	1.00	\$20,000.00
38	EROSION CONTROL BLANKET	SY	625	\$2.00	\$1,250.00	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 5					\$1,143,250.00		\$515,039.50		\$812,076.75
CHANGE ORDER(S)									
CO1	Change Order #1 (Items 1-7)	LS	0	(\$5,048.49)	\$0.00	0.00	\$0.00	0.00	\$0.00
CO2	Change Order #2 (Item 1)	LS	0	\$2,754.96	\$0.00	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - CHANGE ORDER(S)					\$0.00		\$0.00		\$0.00
TOTALS					\$1,308,404.00		\$536,338.50		\$956,279.75