



MAYOR & COUNCIL COMMUNICATION

DATE: January 17, 2017
CONSENT
ITEM # 8

AGENDA ITEM: 2016 Street, Drainage, and Utility Improvements – Pay Request No. 5 (Final)

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. Final payment is proposed in accordance with the Contract for the project. The Project has been completed within the authorized scope and budget.

SUMMARY AND ACTION REQUESTED: The City Council is respectfully requested to consider accepting the improvements and approving Pay Request No. 5 (Final) for the 2016 Street, Drainage and Utility Improvements project. The work has been reviewed by the Engineer and is fully completed in accordance with the Contract, Specifications and Change Orders.

LEGISLATIVE HISTORY/BACKGROUND INFORMATION: Hardrives, Inc., the Contractor for the project, has completed the 2016 Street, Drainage and Utility Improvements in accordance with the construction contract awarded by the council on April 5, 2016. The Project Engineer has prepared a Certificate of Completion indicating that all work is completed including all punch list 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 January 17, 2017 and will extend through January 17, 2018.

The final total construction costs for the project is \$1,168,715.87 which is 1.8% under the original contract amount of \$1,189,610.33. A breakdown of the project costs compared with the previously approved budget is shown below.

2016 Street, Drainage, and Utility Improvements – Final Project Cost Summary

	Final Project Costs	Authorized Project Costs
Total Project Costs:	\$1,282,000	\$1,359,800
Breakdown:		
<i>Construction:</i>	\$1,056,700	\$1,060,000
<i>Contingency:</i>	\$500	\$106,100
<i>Engineering (Report, Design, Construction, Right of Way Services)</i>	\$168,600	\$150,800
<i>Geotechnical Engineering:</i>	\$23,300	\$10,000
<i>Budget for Legal, Fiscal, and Administration:</i>	\$32,900	\$32,900

2016 Overlay Improvements – Final Project Cost Summary

	Final Project Costs	Authorized Project Costs
Total Project Costs:	\$121,300	\$147,000
Breakdown:		
<i>Construction:</i>	\$112,100	\$113,000
<i>Contingency:</i>	\$0	\$11,000
<i>Engineering (Design, Construction Services)</i>	\$9,200	\$23,000

RECOMMENDATION: Staff is recommending that the City Council consider, *as part of the Consent Agenda*, accepting the 2016 Street, Drainage, and Utility Improvements and approving Pay Request No. 5 (Final) in the amount of \$129,917.16. 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. 5 (final) to Hardrives, Inc. in the amount of \$129,917.16 for the 2016 Street, Drainage and Utility Improvements”.

ATTACHMENT(S):

1. Pay Estimate No. 5 (Final).
2. Certificate of Completion.

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>5 (FINAL)</u>				<div style="font-size: 24px; font-weight: bold; margin: 0;">FOCUS</div> <div style="font-weight: bold; margin: 0;">ENGINEERING, inc.</div>	
2016 STREET, DRAINAGE AND UTILITY IMPROVEMENTS PROJECT NO. 2015.129				PERIOD OF ESTIMATE FROM <u>9/1/2016</u> TO <u>12/31/2016</u>	
PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER				CONTRACTOR: HARDRIVES, INC. 14475 QUIRAM DRIVE ROGERS, MN 55374 ATTN: MICHAEL LEUER, PROJECT MANAGER	
CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1	7/5/2016	\$32,976.55		1. Original Contract Amount	\$1,189,610.33
2	9/20/2016	\$22,187.40		2. Net Change Order Sum	-\$20,894.46
3	1/17/2017	(\$76,058.41)		3. Revised Contract (1+2)	\$1,168,715.87
				4. *Work Completed	\$1,168,715.87
				5. *Stored Materials	\$0.00
				6. Subtotal (4+5)	\$1,168,715.87
				7. Retainage* 0.0%	\$0.00
				8. Previous Payments	\$1,038,798.71
TOTALS		(\$20,894.46)	\$0.00	9. Amount Due (6-7-8)	\$129,917.16
NET CHANGE		(\$20,894.46)		*Detailed Breakdown Attached	
CONTRACT TIME					
START DATE: <u>4/18/2016</u>		ORIGINAL DAYS <u>165</u>		ON SCHEDULE	
SUBSTANTIAL COMPLETION: <u>8/12/2016</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:				FOCUS Engineering, inc.	
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.				 ENGINEER <u>1/9/2017</u> DATE	
CONTRACTOR'S CERTIFICATION:				CONTRACTOR	
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.				BY _____ DATE _____	
APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA					
BY _____			BY _____		
DATE _____			DATE _____		

PARTIAL PAY ESTIMATE NO. 5 (FINAL)

2016 STREET, DRAINAGE AND UTILITY IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2015.129

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 - KIRKWOOD AVENUE NORTH									
1	MOBILIZATION	LS	1	\$9,000.00	\$9,000.00	0.00	\$0.00	1.00	\$9,000.00
2	TRAFFIC CONTROL	LS	1	\$1,284.36	\$1,284.36	0.00	\$0.00	1.00	\$1,284.36
3	SILT FENCE	LF	4,428	\$1.00	\$4,428.00	0.00	\$0.00	3,825.00	\$3,825.00
4	BIOROLL DITCH CHECK	EA	20	\$64.22	\$1,284.40	0.00	\$0.00	0.00	\$0.00
5	SALVAGE MAILBOX	EA	11	\$26.76	\$294.36	0.00	\$0.00	7.00	\$187.32
6	SALVAGE SIGN	EA	3	\$16.05	\$48.15	0.00	\$0.00	2.00	\$32.10
7	SAWCUT BITUMINOUS PAVEMENT	LF	97	\$3.48	\$337.56	0.00	\$0.00	97.00	\$337.56
8	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT (DRIVEWAYS)	SY	29	\$3.24	\$93.96	0.00	\$0.00	24.70	\$80.03
9	COMMON EXCAVATION (EV) (P)	CY	2,854	\$13.73	\$39,185.42	0.00	\$0.00	2,854.00	\$39,185.42
10	SUBGRADE EXCAVATION (RECONSTRUCT AREAS) (EV)	CY	400	\$7.57	\$3,028.00	0.00	\$0.00	0.00	\$0.00
11	SUBGRADE PREPARATION	RS	19	\$54.06	\$1,027.14	0.00	\$0.00	19.00	\$1,027.14
12	SELECT GRANULAR BORROW (STREETS) (CV) (P)	CY	2,035	\$14.60	\$29,711.00	0.00	\$0.00	2,035.00	\$29,711.00
13	SELECT GRANULAR BORROW (SUBGRADE EXCAV.) (CV)	CY	400	\$14.60	\$5,840.00	0.00	\$0.00	0.00	\$0.00
14	CLASS 6 AGGREGATE BASE (CV) (P)	CY	655	\$27.03	\$17,704.65	0.00	\$0.00	0.00	\$0.00
15	PATCH GRAVEL DRIVEWAY	TN	53	\$19.46	\$1,031.38	0.00	\$0.00	53.00	\$1,031.38
16	AGGREGATE SHOULDERING	TN	164	\$22.49	\$3,688.36	0.00	\$0.00	164.00	\$3,688.36
17	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B)	TN	511	\$52.65	\$26,904.15	0.00	\$0.00	514.76	\$27,102.11
18	TYPE SP 12.5 BITUMINOUS NON WEARING COURSE MIXTURE (2,B)	TN	680	\$47.40	\$32,232.00	0.00	\$0.00	588.41	\$27,890.63
19	BITUMINOUS MATERIAL FOR TACK COAT	GAL	301	\$1.96	\$589.96	0.00	\$0.00	300.00	\$588.00
20	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B) (DRIVEWAY)	SY	29	\$15.00	\$435.00	0.00	\$0.00	122.30	\$1,834.50
21	SAW & SEAL STREET (40' INTERVALS)	LF	1,265	\$2.48	\$3,137.20	1,265.00	\$3,137.20	1,265.00	\$3,137.20
22	STREET SWEEPING	HR	15	\$0.01	\$0.15	0.00	\$0.00	3.00	\$0.03
23	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EA	1	\$540.55	\$540.55	0.00	\$0.00	0.00	\$0.00
24	CLEAN CULVERT	EA	5	\$324.33	\$1,621.65	5.00	\$1,621.65	5.00	\$1,621.65
25	4" PVC PERF EDGE DRAIN W/ BACKFILL & WRAP	LF	1,025	\$7.57	\$7,759.25	0.00	\$0.00	1,025.00	\$7,759.25
26	DRAINTILE CLEANOUT	EA	10	\$216.22	\$2,162.20	0.00	\$0.00	10.00	\$2,162.20
27	PRECAST CONCRETE HEADWALL (DRAIN TILE)	EA	6	\$216.22	\$1,297.32	0.00	\$0.00	6.00	\$1,297.32
28	DITCH GRADING	LF	196	\$5.41	\$1,060.36	0.00	\$0.00	196.00	\$1,060.36
29	IMPORT AND PLACE TOPSOIL (LV)	CY	543	\$15.00	\$8,145.00	0.00	\$0.00	14.00	\$210.00
30	SEEDING, FERTILIZER AND WOOD FIBER BLANKET	SY	3,163	\$1.55	\$4,902.65	0.00	\$0.00	3,700.00	\$5,735.00
31	INSTALL SALVAGED MAILBOX	EA	11	\$42.81	\$470.91	0.00	\$0.00	7.00	\$299.67
32	INSTALL SALVAGED SIGN	EA	3	\$32.11	\$96.33	0.00	\$0.00	2.00	\$64.22
SUBTOTAL - DIVISION 1			\$209,341.42			\$4,758.85		\$170,151.82	
DIVISION 2 - KELVIN AVENUE NORTH - STREETS									
33	MOBILIZATION	LS	1	\$9,000.00	\$9,000.00	0.00	\$0.00	1.00	\$9,000.00
34	TRAFFIC CONTROL	LS	1	\$1,284.36	\$1,284.36	0.00	\$0.00	1.00	\$1,284.36
35	SILT FENCE	LF	4,775	\$1.00	\$4,775.00	0.00	\$0.00	3,019.00	\$3,019.00
36	BIOROLL DITCH CHECK	EA	7	\$64.22	\$449.54	0.00	\$0.00	0.00	\$0.00
37	CLEARING	EA	3	\$324.33	\$972.99	0.00	\$0.00	4.00	\$1,297.32
38	GRUBBING	EA	3	\$259.47	\$778.41	0.00	\$0.00	6.00	\$1,556.82
39	SALVAGE MAILBOX	EA	18	\$26.76	\$481.68	0.00	\$0.00	21.00	\$561.96
40	SALVAGE SIGN	EA	10	\$16.05	\$160.50	0.00	\$0.00	2.00	\$32.10
41	SALVAGE WOODEN FENCE	LF	30	\$12.97	\$389.10	0.00	\$0.00	20.00	\$259.40
42	SALVAGE BRICK PAVERS	SF	124	\$2.16	\$267.84	0.00	\$0.00	245.00	\$529.20
43	SAWCUT BITUMINOUS PAVEMENT	LF	305	\$1.84	\$561.20	0.00	\$0.00	210.00	\$386.40
44	SAWCUT CONCRETE PAVEMENT	LF	97	\$2.32	\$225.04	0.00	\$0.00	62.00	\$143.84
45	REMOVE & DISPOSE OF EXIST. CONCRETE CURB AND GUTTER	LF	480	\$3.24	\$1,555.20	0.00	\$0.00	480.00	\$1,555.20
46	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT	SY	5,224	\$1.62	\$8,462.88	0.00	\$0.00	5,224.00	\$8,462.88
47	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT (DRIVEWAYS)	SY	230	\$2.16	\$496.80	0.00	\$0.00	230.00	\$496.80
48	REMOVE & DISPOSE OF EXIST. CONCRETE PAVEMENT (DRIVEWAYS)	SY	47	\$5.41	\$254.27	0.00	\$0.00	47.00	\$254.27
49	COMMON EXCAVATION (EV) (P)	CY	3,074	\$13.73	\$42,206.02	0.00	\$0.00	3,074.00	\$42,206.02
50	SUBGRADE EXCAVATION (RECONSTRUCT AREAS) (EV)	CY	375	\$7.57	\$2,838.75	0.00	\$0.00	216.00	\$1,635.12
51	SUBGRADE PREPARATION	RS	19	\$54.06	\$1,027.14	0.00	\$0.00	19.00	\$1,027.14
52	SELECT GRANULAR BORROW (STREETS) (CV) (P)	CY	1,962	\$14.87	\$29,174.94	0.00	\$0.00	1,962.00	\$29,174.94
53	SELECT GRANULAR BORROW (SUBGRADE EXCAV.) (CV)	CY	375	\$14.87	\$5,576.25	0.00	\$0.00	216.00	\$3,211.92
54	CLASS 6 AGGREGATE BASE (CV) (P)	CY	630	\$27.03	\$17,028.90	256.00	\$6,919.68	886.00	\$23,948.58
55	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B)	TN	490	\$52.65	\$25,798.50	0.00	\$0.00	478.81	\$25,209.35
56	TYPE SP 12.5 BITUMINOUS NON WEARING COURSE MIXTURE (2,B)	TN	653	\$47.40	\$30,952.20	0.00	\$0.00	567.90	\$26,918.46
57	BITUMINOUS MATERIAL FOR TACK COAT	GAL	290	\$1.96	\$568.40	0.00	\$0.00	220.00	\$431.20
58	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B) (DRIVEWAY)	SY	230	\$15.00	\$3,450.00	0.00	\$0.00	297.00	\$4,455.00
59	SAW & SEAL STREET (40' INTERVALS)	LF	1,150	\$2.48	\$2,852.00	1,150.00	\$2,852.00	1,150.00	\$2,852.00
60	6" CONCRETE DRIVEWAY PAVEMENT	SY	62	\$46.02	\$2,853.24	0.00	\$0.00	68.00	\$3,129.36
61	CONCRETE RIBBON CURB	LF	3,240	\$6.64	\$21,513.60	0.00	\$0.00	3,150.00	\$20,916.00
62	SURMOUNTABLE CONCRETE CURB & GUTTER	LF	345	\$10.17	\$3,508.65	0.00	\$0.00	333.00	\$3,386.61
63	B618 CONCRETE CURB & GUTTER	LF	56	\$12.84	\$719.04	0.00	\$0.00	108.00	\$1,386.72
64	STREET SWEEPING	HR	20	\$0.01	\$0.20	0.00	\$0.00	0.00	\$0.00
65	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EA	2	\$540.56	\$1,081.12	0.00	\$0.00	0.00	\$0.00
66	CLEAN CULVERT	EA	1	\$324.33	\$324.33	0.00	\$0.00	1.00	\$324.33
67	4" PVC PERF EDGE DRAIN W/ BACKFILL & WRAP	LF	861	\$7.57	\$6,517.77	0.00	\$0.00	850.00	\$6,434.50
68	12" CORRUGATED STEEL PIPE CULVERT	LF	36	\$28.11	\$1,011.96	0.00	\$0.00	36.00	\$1,011.96

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
69	12" CORRUGATED STEEL PIPE APRON	EA	2	\$259.47	\$518.94	0.00	\$0.00	2.00	\$518.94
70	DRAINTILE CLEANOUT	EA	8	\$216.22	\$1,729.76	0.00	\$0.00	8.00	\$1,729.76
71	PRECAST CONCRETE HEADWALL (DRAIN TILE)	EA	4	\$270.28	\$1,081.12	0.00	\$0.00	4.00	\$1,081.12
72	DITCH GRADING	LF	12	\$5.41	\$64.92	0.00	\$0.00	12.00	\$64.92
73	IMPORT AND PLACE TOPSOIL (LV)	CY	702	\$15.00	\$10,530.00	112.00	\$1,680.00	420.00	\$6,300.00
74	SEEDING, FERTILIZER AND WOOD FIBER BLANKET	SY	929	\$1.55	\$1,439.95	0.00	\$0.00	2,000.00	\$3,100.00
75	SODDING	SY	2,300	\$3.00	\$6,900.00	0.00	\$0.00	2,720.00	\$8,160.00
76	INSTALL SALVAGED MAILBOX	EA	18	\$42.81	\$770.58	0.00	\$0.00	14.00	\$599.34
77	INSTALL SALVAGED SIGN	EA	10	\$32.11	\$321.10	3.00	\$96.33	5.00	\$160.55
78	INSTALL WOODEN FENCE	LF	10	\$82.25	\$822.50	20.00	\$1,645.00	20.00	\$1,645.00
79	INSTALL SALVAGED BRICK PAVERS	SF	124	\$4.42	\$548.08	0.00	\$0.00	245.00	\$1,082.90
SUBTOTAL - DIVISION 2					\$253,844.77		\$13,193.01		\$250,941.29
DIVISION 3 - KELVIN AVENUE NORTH - TRUNK WATER MAIN									
80	CONNECT TO EXISTING WATERMAIN	EA	1	\$1,059.49	\$1,059.49	0.00	\$0.00	1.00	\$1,059.49
81	HYDRANT EXTENSION	LF	3	\$1,097.33	\$3,291.99	0.00	\$0.00	0.00	\$0.00
82	12" DIP, CL. 52 WATERMAIN	LF	892	\$53.42	\$47,650.64	0.00	\$0.00	874.50	\$46,715.79
83	6" DIP, CL. 52 WATERMAIN	LF	53	\$53.95	\$2,859.35	0.00	\$0.00	47.50	\$2,562.63
84	1" TYPE "K" COPPER WATER SERVICE	LF	221	\$42.54	\$9,401.34	0.00	\$0.00	136.00	\$5,785.44
85	1" CORPORATION STOP	EA	5	\$265.95	\$1,329.75	0.00	\$0.00	5.00	\$1,329.75
86	1" CURB STOP WITH BOX	EA	5	\$344.87	\$1,724.35	0.00	\$0.00	5.00	\$1,724.35
87	6" HYDRANT ASSEMBLY (8'-6" BURY)	EA	2	\$4,492.02	\$8,984.04	0.00	\$0.00	2.00	\$8,984.04
88	6" RES. SEAT GATE VALVE & BOX	EA	2	\$1,291.93	\$2,583.86	0.00	\$0.00	2.00	\$2,583.86
89	12" RES. SEAT GATE VALVE & BOX	EA	2	\$3,027.12	\$6,054.24	0.00	\$0.00	2.00	\$6,054.24
90	MJ DIP COMPACT FITTINGS	LB	1,104	\$3.68	\$4,062.72	0.00	\$0.00	842.00	\$3,098.56
SUBTOTAL - DIVISION 3					\$89,001.77		\$0.00		\$79,898.15
DIVISION 4 - KELVIN AVENUE NORTH - LATERAL WATER MAIN									
91	12"X8" WET TAP	EA	1	\$3,481.18	\$3,481.18	0.00	\$0.00	1.00	\$3,481.18
92	HYDRANT EXTENSION	LF	3	\$1,189.22	\$3,567.66	0.00	\$0.00	0.00	\$0.00
93	8" DIP, CL. 52 WATERMAIN	LF	535	\$38.06	\$20,362.10	0.00	\$0.00	535.00	\$20,362.10
94	6" DIP, CL. 52 WATERMAIN	LF	20	\$53.95	\$1,079.00	0.00	\$0.00	20.00	\$1,079.00
95	1" TYPE "K" COPPER WATER SERVICE	LF	266	\$42.54	\$11,315.64	0.00	\$0.00	216.00	\$9,188.64
96	1" CORPORATION STOP	EA	6	\$265.95	\$1,595.70	0.00	\$0.00	6.00	\$1,595.70
97	1" CURB STOP WITH BOX	EA	6	\$344.87	\$2,069.22	0.00	\$0.00	6.00	\$2,069.22
98	6" HYDRANT ASSEMBLY (8'-6" BURY)	EA	1	\$4,492.02	\$4,492.02	0.00	\$0.00	1.00	\$4,492.02
99	6" RES. SEAT GATE VALVE & BOX	EA	1	\$1,291.93	\$1,291.93	0.00	\$0.00	1.00	\$1,291.93
100	MJ DIP COMPACT FITTINGS	LB	315	\$4.32	\$1,360.80	0.00	\$0.00	172.00	\$743.04
SUBTOTAL - DIVISION 4					\$50,615.25		\$0.00		\$44,302.83
DIVISION 5 - STONEGATE 1ST ADDITION - STREETS									
101	MOBILIZATION	LS	1	\$15,000.00	\$15,000.00	0.00	\$0.00	1.00	\$15,000.00
102	TRAFFIC CONTROL	LS	1	\$1,926.54	\$1,926.54	0.00	\$0.00	1.00	\$1,926.54
103	SILT FENCE	LF	207	\$1.00	\$207.00	0.00	\$0.00	0.00	\$0.00
104	INLET PROTECTION	EA	23	\$90.98	\$2,092.54	0.00	\$0.00	24.00	\$2,183.52
105	CLEARING	EA	1	\$324.33	\$324.33	0.00	\$0.00	1.00	\$324.33
106	GRUBBING	EA	1	\$259.46	\$259.46	0.00	\$0.00	1.00	\$259.46
107	SALVAGE MAILBOX	EA	31	\$26.76	\$829.56	0.00	\$0.00	31.00	\$829.56
108	SALVAGE SIGN	EA	5	\$16.05	\$80.25	0.00	\$0.00	0.00	\$0.00
109	SALVAGE LANDSCAPE ROCK (ISLANDS) (P)	LF	750	\$0.29	\$217.50	0.00	\$0.00	750.00	\$217.50
110	SAWCUT BITUMINOUS PAVEMENT	LF	435	\$2.07	\$900.45	0.00	\$0.00	595.50	\$1,232.69
111	SAWCUT CONCRETE PAVEMENT	LF	152	\$2.22	\$337.44	0.00	\$0.00	150.00	\$333.00
112	REMOVE MANHOLE OR CATCH BASIN CASTING	EA	27	\$162.46	\$4,386.42	0.00	\$0.00	27.00	\$4,386.42
113	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT (DRIVEWAYS)	SY	377	\$5.55	\$2,092.35	0.00	\$0.00	357.19	\$1,982.40
114	REMOVE & DISPOSE OF EXIST. CONCRETE PAVEMENT (DRIVEWAYS)	SY	137	\$7.70	\$1,054.90	0.00	\$0.00	127.39	\$980.90
115	SUBGRADE EXCAVATION (RECLAIM AREAS) (EV)	CY	500	\$7.00	\$3,500.00	0.00	\$0.00	73.00	\$511.00
116	RECLAIM EX. BIT. AND BASE MATERIALS, 8" DEPTH (P)	SY	18,800	\$2.89	\$54,332.00	0.00	\$0.00	18,800.00	\$54,332.00
117	HAUL OUT EXCESS RECLAIMED MATERIAL (LV) (P)	CY	909	\$5.65	\$5,135.85	0.00	\$0.00	1,594.00	\$9,006.10
118	SUBGRADE PREPARATION OF RECLAIMED SURFACE	RS	55	\$310.00	\$17,050.00	0.00	\$0.00	55.00	\$17,050.00
119	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B)	TN	1,611	\$50.07	\$80,662.77	0.00	\$0.00	1,589.35	\$79,578.75
120	TYPE SP 12.5 BITUMINOUS NON WEARING COURSE MIXTURE (2,B)	TN	1,611	\$45.98	\$74,073.78	0.00	\$0.00	1,411.00	\$64,877.78
121	BITUMINOUS MATERIAL FOR TACK COAT	GAL	951	\$1.96	\$1,863.96	0.00	\$0.00	405.00	\$793.80
122	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B) (DRIVEWAY)	SY	367	\$15.00	\$5,505.00	0.00	\$0.00	363.00	\$5,445.00
123	6" CONCRETE DRIVEWAY PAVEMENT	SY	91	\$46.02	\$4,187.82	0.00	\$0.00	108.00	\$4,970.16
124	SAW & SEAL STREET (40' INTERVALS)	LF	4,025	\$2.48	\$9,982.00	4,025.00	\$9,982.00	4,025.00	\$9,982.00
125	RIPRAP	CY	15	\$86.49	\$1,297.35	0.00	\$0.00	13.50	\$1,167.62
126	SEDIMENT REMOVAL (LV)	CY	57	\$27.03	\$1,540.71	0.00	\$0.00	28.00	\$756.84
127	MODIFY STORM STRUCTURE 104	LS	1	\$3,546.04	\$3,546.04	0.00	\$0.00	1.00	\$3,546.04
128	CATCH BASIN CASTING R-3067-V	EA	23	\$627.69	\$14,436.87	0.00	\$0.00	23.00	\$14,436.87
129	MANHOLE CASTING R-1642-B	EA	4	\$474.07	\$1,896.28	0.00	\$0.00	4.00	\$1,896.28
130	SOLID (2'X3'X1.0' HT) CONCRETE CB SECTION	EA	8	\$560.15	\$4,481.20	0.00	\$0.00	2.00	\$1,120.30
131	MINOR STRUCTURE REPAIR	EA	15	\$172.81	\$2,592.15	15.00	\$2,592.15	15.00	\$2,592.15
132	RECONSTRUCT DRAINAGE STRUCTURE	LF	10	\$0.10	\$0.10	0.00	\$0.00	0.00	\$0.00
133	B418 CONCRETE CURB & GUTTER	LF	12,140	\$10.65	\$129,291.00	0.00	\$0.00	11,607.00	\$123,614.55
134	STREET SWEEPING	HR	30	\$0.01	\$0.30	0.00	\$0.00	6.00	\$0.06

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
135	IMPORT AND PLACE TOPSOIL (LV)	CY	1,466	\$15.00	\$21,990.00	0.00	\$0.00	667.00	\$10,005.00
136	SODDING	SY	7,007	\$3.00	\$21,021.00	0.00	\$0.00	4,880.00	\$14,640.00
137	INSTALL SALVAGED MAILBOX	EA	31	\$42.81	\$1,327.11	0.00	\$0.00	30.00	\$1,284.30
138	INSTALL SALVAGED SIGN	EA	5	\$32.11	\$160.55	0.00	\$0.00	0.00	\$0.00
139	INSTALL SALVAGED LANDSCAPE ROCK (ISLANDS) (P)	LF	750	\$1.58	\$1,185.00	750.00	\$1,185.00	750.00	\$1,185.00
SUBTOTAL - DIVISION 5					\$490,767.58		\$13,759.15		\$452,447.92
DIVISION 6 - HIGHLAND TRAIL NORTH - STREETS									
140	MOBILIZATION	LS	1	\$3,500.00	\$3,500.00	0.00	\$0.00	1.00	\$3,500.00
141	TRAFFIC CONTROL	LS	1	\$1,070.30	\$1,070.30	0.00	\$0.00	1.00	\$1,070.30
142	INLET PROTECTION	EA	8	\$90.98	\$727.84	0.00	\$0.00	8.00	\$727.84
143	REMOVE & DISPOSE OF EXIST. CONCRETE CURB AND GUTTER	LF	80	\$4.55	\$364.00	0.00	\$0.00	48.00	\$218.40
144	REMOVE MANHOLE OR CATCH BASIN CASTING	EA	6	\$114.23	\$685.38	0.00	\$0.00	7.00	\$799.61
145	MILL 2" OF EXISTING BITUMINOUS PAVEMENT (P)	SY	4,900	\$1.60	\$7,840.00	0.00	\$0.00	4,900.00	\$7,840.00
146	REMOVE & REPAVE BITUMINOUS FLUME	LS	1	\$1,214.34	\$1,214.34	0.00	\$0.00	1.00	\$1,214.34
147	SPOT BITUMINOUS CURB REPLACEMENT	LF	136	\$10.48	\$1,425.28	226.00	\$2,368.48	226.00	\$2,368.48
148	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C)	TN	637	\$51.01	\$32,493.37	0.00	\$0.00	602.25	\$30,720.77
149	BITUMINOUS MATERIAL FOR TACK COAT	GAL	282	\$1.96	\$552.72	0.00	\$0.00	250.00	\$490.00
150	CATCH BASIN CASTING R-3067-V	EA	1	\$627.69	\$627.69	0.00	\$0.00	1.00	\$627.69
151	CATCH BASIN CASTING R-3250-1	EA	4	\$760.91	\$3,043.64	0.00	\$0.00	4.00	\$3,043.64
152	CATCH BASIN CASTING R-3501-TR	EA	1	\$740.51	\$740.51	0.00	\$0.00	2.00	\$1,481.02
153	STREET SWEEPING	HR	4	\$0.01	\$0.04	0.00	\$0.00	0.00	\$0.00
154	IMPORT AND PLACE TOPSOIL (LV)	CY	30	\$24.65	\$739.50	0.00	\$0.00	30.00	\$739.50
155	SODDING	SY	138	\$5.30	\$731.40	240.00	\$1,272.00	240.00	\$1,272.00
SUBTOTAL - DIVISION 6					\$55,756.01		\$3,640.48		\$56,113.59
DIVISION 7 - JAMELY AVENUE NORTH - STREETS									
156	MOBILIZATION	LS	1	\$3,500.00	\$3,500.00	0.00	\$0.00	1.00	\$3,500.00
157	TRAFFIC CONTROL	LS	1	\$1,070.30	\$1,070.30	0.00	\$0.00	1.00	\$1,070.30
158	MILL 2" OF EXISTING BITUMINOUS PAVEMENT (P)	SY	4,090	\$1.60	\$6,544.00	0.00	\$0.00	4,090.00	\$6,544.00
159	ADJUST VALVE BOX (WATER)	EA	5	\$274.15	\$1,370.75	0.00	\$0.00	5.00	\$1,370.75
160	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C)	TN	531	\$51.48	\$27,335.88	0.00	\$0.00	564.41	\$29,055.83
161	BITUMINOUS MATERIAL FOR TACK COAT	GAL	236	\$1.96	\$462.56	0.00	\$0.00	230.00	\$450.80
162	STREET SWEEPING	HR	4	\$0.01	\$0.04	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 7					\$40,283.53		\$0.00		\$41,991.68

TOTALS - BASE CONTRACT	\$1,189,610.33	\$35,351.49	\$1,095,847.27
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CHANGE ORDER NO. 1

CO1-1	REMOBILIZATION	LS	1.0	\$1,000.00	\$1,000.00	0.00	\$0.00	1.0	\$1,000.00
CO1-2	4" PERFORATED EDGE DRAIN WITH BACKFILL & WRAP	LF	1,179.0	\$19.45	\$22,931.55	0.00	\$0.00	1,179.0	\$22,931.55
CO1-3	DRAINTILE CLEANOUT	EA	11.0	\$330.00	\$3,630.00	0.00	\$0.00	11.0	\$3,630.00
CO1-4	PRECAST CONCRETE HEADWALL	EA	2.0	\$295.00	\$590.00	0.00	\$0.00	2.0	\$590.00
CO1-5	CORE DRILL INTO EXISTING STORM SEWER	EA	5.0	\$825.00	\$4,125.00	0.00	\$0.00	5.0	\$4,125.00
CO1-6	CONNECT TO EXISTING DRAINTILE	EA	2.0	\$350.00	\$700.00	0.00	\$0.00	2.0	\$700.00
TOTALS - CHANGE ORDER NO. 1					\$32,976.55		\$0.00		\$32,976.55

CHANGE ORDER NO. 2

CO2-1	REMOVE EXISTING CATCH BASIN	EA	3.0	\$715.00	\$2,145.00	3.00	\$2,145.00	3.0	\$2,145.00
CO2-2	2'X3' CATCH BASIN WITH INVERTS	EA	3.0	\$3,100.00	\$9,300.00	3.00	\$9,300.00	3.0	\$9,300.00
CO2-3	4" PVC PERFORATED EDGE DRAIN WITH BACKFILL & WRAP	LF	155.0	\$22.50	\$3,487.50	155.00	\$3,487.50	155.0	\$3,487.50
CO2-4	TYPE SP 9.5 BITUMINOUS WEAR COURSE FOR PATCHING	TN	13.0	\$125.00	\$1,625.00	13.00	\$1,625.00	13.0	\$1,625.00
CO2-5	CONNECT TO EXISTING STORM SEWER STRUCTURE	EA	2.0	\$825.00	\$1,650.00	2.00	\$1,650.00	2.0	\$1,650.00
CO2-6	MOBILIZATION	LS	1.0	\$1,200.00	\$1,200.00	1.00	\$1,200.00	1.0	\$1,200.00
CO2-7	EXPLORATORY DIGGING (STROM SEWER STRUCTURE 111,)	HR	3.0	\$245.00	\$735.00	3.00	\$735.00	3.0	\$735.00
CO2-8	YARD GRADING	HR	6.0	\$101.00	\$606.00	6.00	\$606.00	6.0	\$606.00
CO2-9	CLASS 6 AGGREGATE BASE (CV) (P)	CY	-655.0	\$27.03	-\$17,704.65	0.00	\$0.00	0.0	\$0.00
CO2-10	CLASS 5 AGGREGATE BASE (CV) (P)	CY	655.0	\$25.41	\$16,643.55	655.00	\$16,643.55	655.0	\$16,643.55
CO2-11	FULL DEPTH PATCH	LS	1.0	\$2,500.00	\$2,500.00	1.00	\$2,500.00	1.0	\$2,500.00
TOTALS - CHANGE ORDER NO. 2					\$22,187.40		\$39,892.05		\$39,892.05

COMPENSATING CHANGE ORDER NO. 3

CO3-1	COMPENSATING CHANGE ORDER	LS	1.0	-\$76,058.41	-\$76,058.41	0.00	\$0.00	0.0	\$0.00
TOTALS - CHANGE ORDER NO. 3					-\$76,058.41		\$0.00		\$0.00

TOTALS - REVISED CONTRACT	\$1,168,715.87	\$75,243.54	\$1,168,715.87
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CERTIFICATE OF COMPLETION

DATE OF ISSUANCE: January 17, 2017

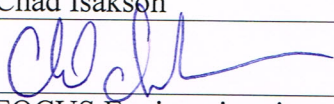
OWNER: CITY OF LAKE ELMO, MN
CONTRACTOR: HARDRIVES, INC.
PROJECT NAME: 2016 STREET, DRAINAGE AND UTILITY IMPROVEMENTS
PROJECT NO.: 2015.129

- ☒ 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 April 14, 2016. The above-mentioned improvement is hereby declared to be complete and acceptance of this work is recommended.

DATE OF COMPLETION: January 17, 2016

Chad Isakson Reg. No. 49028


FOCUS Engineering, inc.

THE WARRANTY PERIOD BEGINS January 17, 2017 AND ENDS January 17, 2018
