



STAFF REPORT

DATE: April 17, 2018

CONSENT

ITEM #: 14

AGENDA ITEM: 2017 Street Improvements – Accept Improvements and Approve Pay Request No. 6 (Final)

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Rob Weldon, Public Works Director
Chad Isakson, Project Engineer

ISSUE BEFORE COUNCIL: Should the City Council accept the 2017 Street Improvements and approve Pay Request No. 6 (Final) to Hardrives, Inc.?

BACKGROUND: Hardrives, Inc. was awarded a construction contract on May 16, 2017 to complete the 2017 Street Improvements project. The contractor has completed the work in accordance with the contract. 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 April 17, 2018 and will extend through April 17, 2019.

PROPOSAL DETAILS/ANALYSIS: Hardrives, Inc. has submitted Pay Request No. 6 (Final) in the amount of \$63,114.77. 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. 6 (Final) for the 2017 Street Improvements.

FISCAL IMPACT: The final total construction cost for the project is \$1,019,577.81, which is 1.8% under the original contract award amount of \$1,038,206.14. A breakdown of the total project costs compared with the approved project budget is shown below.

2017 Street Improvements – Final Project Cost Summary

	Final Project Costs	Authorized Project Costs
TOTAL PROJECT COSTS:	\$1,215,000	\$1,301,000
Breakdown:		
<i>Construction:</i>	\$1,020,000	\$1,038,000
<i>Contingency:</i>	\$0	\$50,000
<i>Total Engineering (Report, Design, Construction, Right of Way Services)</i>	\$161,500	\$169,000
<i>Geotechnical Engineering:</i>	\$18,500	\$14,000
<i>Legal, Fiscal, and Administration:</i>	\$15,000	\$30,000

RECOMMENDATION: Staff is recommending that the City Council consider, *as part of the consent agenda*, accepting the 2017 Street Improvements and approving Pay Request #6 (Final) in the amount of \$63,114.77. 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. 6 (Final) to Hardrives, Inc. in the amount of \$63,114.77 for the 2017 Street Improvements.”

ATTACHMENTS:

1. Pay Estimate #6 (Final).
2. Certificate of Completion.

PROJECT PAY FORM


PARTIAL PAY ESTIMATE NO. <u>6 (FINAL)</u>	FOCUS ENGINEERING, inc.
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2017 STREET IMPROVEMENTS PROJECT NO. 2016.135	PERIOD OF ESTIMATE FROM <u>3/2/2018</u> TO <u>3/28/2018</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: HARDRIVES, INC. 14475 QUIRAM DRIVE ROGERS, MN 55374 ATTN: NATHAN LINDBERG, PROJECT MANAGER
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CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1	8/1/2017	\$15,742.25		1. Original Contract Amount	\$1,038,206.14
2	9/19/2017	\$12,169.96		2. Net Change Order Sum	-\$18,628.33
3	3/20/2018	\$12,774.61		3. Revised Contract (1+2)	\$1,019,577.81
4	4/17/2018		\$59,315.15	4. *Work Completed	\$1,019,577.81
				5. *Stored Materials	\$0.00
				6. Subtotal (4+5)	\$1,019,577.81
				7. Retainage* <u>0.0%</u>	\$0.00
				8. Previous Payments	\$956,463.04
TOTALS		\$40,686.82	\$59,315.15	9. Amount Due (6-7-8)	\$63,114.77
NET CHANGE		(\$18,628.33)		*Detailed Breakdown Attached	

CONTRACT TIME					
START DATE:	<u>6/12/2017</u>	ORIGINAL DAYS	<u>137</u>	ON SCHEDULE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
SUBSTANTIAL COMPLETION:	<u>9/22/2017</u>	REVISED DAYS	<u>0</u>		
FINAL COMPLETION:	<u>10/27/2017</u>	REMAINING	<u>-152</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>3/28/2018</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 <u>3/28/18</u> _____ DATE
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APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA	
BY _____	BY _____
DATE _____	DATE _____

**2017 STREET IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2016.135**

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	\$4,226.26	\$4,226.26	0.00	\$0.00	1.00	\$4,226.26
2	TRAFFIC CONTROL	LS	1	\$1,890.12	\$1,890.12	0.00	\$0.00	1.00	\$1,890.12
3	SILT FENCE	LF	180	\$2.63	\$473.40	0.00	\$0.00	220.00	\$578.60
4	INLET PROTECTION	EA	39	\$90.00	\$3,510.00	0.00	\$0.00	60.00	\$5,400.00
5	CLEAR TREE	EA	11	\$231.01	\$2,541.11	0.00	\$0.00	15.00	\$3,465.15
6	GRUB TREE	EA	11	\$126.01	\$1,386.11	0.00	\$0.00	15.00	\$1,890.15
7	IMPORT AND PLACE TOPSOIL BORROW	CY	2,080	\$10.00	\$20,800.00	0.00	\$0.00	1,170.00	\$11,700.00
8	SODDING	SY	10,330	\$4.40	\$45,452.00	0.00	\$0.00	7,175.00	\$31,570.00
9	SEED, MULCH, & FERTILIZER	SY	2,140	\$1.95	\$4,173.00	0.00	\$0.00	2,851.00	\$5,559.45
10	REINSTALL PROPERTY CORNER	EA	10	\$472.53	\$4,725.30	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 1					\$89,177.30		\$0.00		\$66,279.73
DIVISION 2 - STORM SEWER IMPROVEMENTS									
1	REMOVE & DISPOSE OF EXISTING STORM SEWER (ALL SIZES AND TYPES, INCL. END SECT	LF	281	\$5.25	\$1,475.25	0.00	\$0.00	273.00	\$1,433.25
2	REMOVE & DISPOSE OF EXISTING STORM SEWER STRUCTURE	EA	12	\$420.02	\$5,040.24	0.00	\$0.00	13.00	\$5,460.26
3	REMOVE & DISPOSE OF ENERGY DISSIPATION STRUCTURE	EA	1	\$420.02	\$420.02	0.00	\$0.00	1.00	\$420.02
4	REMOVE CATCH BASIN CASTING	EA	13	\$159.82	\$2,077.66	0.00	\$0.00	13.00	\$2,077.66
5	R-3067 CATCH BASIN CASTING	EA	13	\$659.11	\$8,568.43	0.00	\$0.00	13.00	\$8,568.43
6	12" RCP STORM SEWER PIPE	LF	66	\$31.50	\$2,079.00	0.00	\$0.00	98.00	\$3,087.00
7	15" RCP STORM SEWER PIPE	LF	1,773	\$32.55	\$57,711.15	0.00	\$0.00	1,772.00	\$57,678.60
8	18" RCP STORM SEWER PIPE	LF	20	\$60.90	\$1,218.00	0.00	\$0.00	16.00	\$974.40
9	15" FLARED END SECTION	EA	5	\$945.06	\$4,725.30	0.00	\$0.00	4.00	\$3,780.24
10	18" FLARED END SECTION	EA	1	\$2,205.12	\$2,205.12	0.00	\$0.00	1.00	\$2,205.12
11	CATCH BASIN TYPE 404	EA	4	\$1,732.60	\$6,930.40	0.00	\$0.00	6.00	\$10,395.60
12	CATCH BASIN/MANHOLE TYPE 406	EA	17	\$2,058.11	\$34,987.87	0.00	\$0.00	18.00	\$37,045.98
13	RIP RAP INCL. GEOTEXTILE	CY	39	\$89.25	\$3,480.75	0.00	\$0.00	38.30	\$3,418.28
14	GRADE TO DRAIN	LF	220	\$17.85	\$3,927.00	0.00	\$0.00	335.00	\$5,979.75
SUBTOTAL - DIVISION 2					\$134,846.19		\$0.00		\$142,524.59
DIVISION 3 - STREET IMPROVEMENTS									
1	SAWCUT BITUMINOUS OR CONCRETE	LF	310	\$1.00	\$310.00	0.00	\$0.00	310.00	\$310.00
2	REMOVE & DISPOSE OF EXISTING CONCRETE CURB AND GUTTER, ALL TYPES	LF	130	\$1.65	\$214.50	0.00	\$0.00	161.00	\$265.65
3	REMOVE & DISPOSE OF EXISTING BITUMINOUS PAVEMENT (DRIVEWAY)	SY	680	\$4.12	\$2,801.60	0.00	\$0.00	650.00	\$2,678.00
4	REMOVE & DISPOSE OF EXISTING CONCRETE PAVEMENT (DRIVEWAY)	SY	220	\$7.49	\$1,647.80	0.00	\$0.00	196.00	\$1,468.04
5	RECLAIM EXISTING BITUMINOUS AND BASE MATERIALS (8" DEPTH INCL. BIT. CURB) (P)	SY	41,776	\$1.35	\$56,397.60	0.00	\$0.00	41,776.00	\$56,397.60
6	HAUL OUT EXCESS RECLAIMED MATERIAL (LV)	CY	4,062	\$9.47	\$38,467.14	0.00	\$0.00	3,721.00	\$35,237.87
7	2' AGGREGATE SHOULDERING	LF	3,174	\$1.01	\$3,205.74	0.00	\$0.00	3,174.00	\$3,205.74
8	SUBGRADE CORRECTION	CY	370	\$0.01	\$3.70	0.00	\$0.00	349.00	\$3.49
9	SUBGRADE PREPARATION OF RECLAIMED SURFACE (P)	RS	121	\$250.00	\$30,250.00	0.00	\$0.00	121.00	\$30,250.00
10	BITUMINOUS DRIVEWAY PAVEMENT	SY	893	\$18.00	\$16,074.00	0.00	\$0.00	760.00	\$13,680.00
11	BITUMINOUS NON-WEARING COURSE	TN	4,380	\$48.75	\$213,525.00	0.00	\$0.00	4,172.56	\$203,412.30
12	BITUMINOUS WEARING COURSE	TN	3,290	\$51.45	\$169,270.50	0.00	\$0.00	2,837.39	\$145,983.72
13	BITUMINOUS MATERIAL FOR TACK COAT	GAL	2,020	\$1.25	\$2,525.00	0.00	\$0.00	200.00	\$250.00
14	SAW AND SEAL STREET (40' INTERVALS)	LF	9,560	\$2.60	\$24,856.00	0.00	\$0.00	9,560.00	\$24,856.00
15	CONCRETE CURB AND GUTTER, ALL TYPES	LF	20,997	\$10.25	\$215,219.25	0.00	\$0.00	20,939.00	\$214,624.75
16	6" CONCRETE FLUME (ALL TYPES)	EA	3	\$523.98	\$1,571.94	0.00	\$0.00	3.00	\$1,571.94
17	6" CONCRETE DRIVEWAY PAVEMENT	SY	220	\$50.61	\$11,134.20	0.00	\$0.00	222.78	\$11,274.90
18	4" PERFORATED PVC EDGE DRAIN	LF	2,000	\$9.60	\$19,200.00	0.00	\$0.00	1,830.00	\$17,568.00
19	DRAINTILE CLEANOUT	EA	20	\$230.00	\$4,600.00	0.00	\$0.00	18.00	\$4,140.00
20	MANHOLE UPPER SECTION REHABILITATION	EA	2	\$1,454.34	\$2,908.68	0.00	\$0.00	2.00	\$2,908.68
SUBTOTAL - DIVISION 3					\$814,182.65		\$0.00		\$770,086.67

TOTALS - BASE CONTRACT **\$1,038,206.14** **\$0.00** **\$978,890.99**

CHANGE ORDER NO. 1

CO1-1	MOBILIZATION	LS	1.0	\$2,400.00	\$2,400.00	0.00	\$0.00	1.0	\$2,400.00
CO1-2	REMOVE STORM SEWER	LF	54.0	\$5.25	\$283.50	0.00	\$0.00	54.0	\$283.50
CO1-3	18-INCH RCP STORM SEWER	LF	54.0	\$60.90	\$3,288.60	0.00	\$0.00	54.0	\$3,288.60
CO1-4	18-INCH FES W/ TRASHGUARD	EA	1.0	\$2,205.15	\$2,205.15	0.00	\$0.00	1.0	\$2,205.15
CO1-5	CONNECT TO EXISTING STRUCTURE	EA	1.0	\$700.00	\$700.00	0.00	\$0.00	1.0	\$700.00
CO1-6	CULVERT 305-1 EXTENSION	LS	1.0	\$3,150.00	\$3,150.00	0.00	\$0.00	1.0	\$3,150.00
CO1-7	CULVERT 306-1 EXTENSION	LS	1.0	\$3,715.00	\$3,715.00	0.00	\$0.00	1.0	\$3,715.00

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
TOTALS - CHANGE ORDER NO. 1					\$15,742.25		\$0.00		\$15,742.25
CHANGE ORDER NO. 2									
CO2-1	CONCRETE CURB STRING LINE ADJUSTMENTS	HR	64.0	\$90.64	\$5,800.96	0.00	\$0.00	64.0	\$5,800.96
CO2-2	CONCRETE VALLEY GUTTER	SF	300.0	\$6.88	\$2,064.00	0.00	\$0.00	300.0	\$2,064.00
CO2-3	STOCKPILE EXCESS RECLAIM AT PUBLIC WORKS	HR	20.5	\$210.00	\$4,305.00	0.00	\$0.00	20.5	\$4,305.00
TOTALS - CHANGE ORDER NO. 2					\$12,169.96		\$0.00		\$12,169.96
CHANGE ORDER NO. 3									
CO3-1	MODIFY STORM SEWER STRUCTURE	LS	1.0	\$4,226.75	\$4,226.75	1.00	\$4,226.75	1.0	\$4,226.75
CO3-2	EXCAVATE AND REPAIR ROADWAY SETTLEMENTS	LS	1.0	\$5,658.50	\$5,658.50	1.00	\$5,658.50	1.0	\$5,658.50
CO3-3	FURNISH AND INSTALL SPECIAL STORM SEWER CASTINGS	EA	2.0	\$312.55	\$625.10	2.00	\$625.10	2.0	\$625.10
CO3-4	REMOVE AND REPLACE ROCK TO CORRECT PONDING AREA	LS	1.0	\$1,542.51	\$1,542.51	1.00	\$1,542.51	1.0	\$1,542.51
CO3-5	MOBILIZE AND SAWCUT DRIVEWAYS	LS	1.0	\$721.75	\$721.75	1.00	\$721.75	1.0	\$721.75
TOTALS - CHANGE ORDER NO. 3					\$12,774.61		\$12,774.61		\$12,774.61
COMPENSATING CHANGE ORDER NO. 4									
CO4-1	COMPENSATING CHANGE ORDER	LS	1.0	-\$59,315.15	-\$59,315.15	0.00	\$0.00	0.0	\$0.00
TOTALS - CHANGE ORDER NO. 4					-\$59,315.15		\$0.00		\$0.00
TOTALS - REVISED CONTRACT					\$1,019,577.81		\$12,774.61		\$1,019,577.81

CERTIFICATE OF COMPLETION

DATE OF ISSUANCE: April 17, 2018

OWNER: CITY OF LAKE ELMO, MN

CONTRACTOR: HARDRIVES, INC.

PROJECT NAME: 2017 STREET IMPROVEMENTS

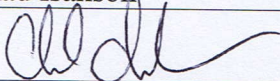
PROJECT NO.: 2016.135

- 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: April 17, 2018

Chad Isakson Reg. No. 49028



FOCUS Engineering, inc.

THE WARRANTY PERIOD BEGINS April 17, 2018 AND ENDS April 17, 2019