F5a

City of Hiawatha

Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: **Mayor and City Council** **Date:** **December 12, 2018**

From: John Bender PE, City Engineer

Re: **Edgewood Road Grading and Culvert Project Phase I 2017**

Description: **Approval of Pay Application No. 2 (FINAL)**

Report:

See attached partial payment No.2 to Linn County for the Edgewood Road Grading and Culvert Project Phase I. This payment is for work completed through November. The payment shows the contractor has the project complete.

This payment is approximately at 86% of the original estimate included with the 28e cost share agreement. (Attached) We are under budget with all the work under the Hiawatha responsibility.

Recommendation:

Engineering recommends accepting the project and approval of Partial Payment No. 2 to Linn County Secondary Roads in the amount of $ 32,368.71.

If you need any further information, please let me know.

Linn County Secondary Road Department

1888 County Home Road, Marion, IA 52302
Phone 319-892-6400 Fax 319-892-6419 engineer@linncounty.org

INVOICE #7419

Phase 1

Customer

City of Hiawatha
101 Emmons St
Hiawatha, IA 52233

Invoice Date 12/7/2018

Job	Payment Due	Payment Terms
28E Agreement - L-EDGEWOOD RD(18)		Due on Receipt

Product	Quantity	Unit Price	Line Total
Contract Costs on Project	1	$30,110.42	$30,110.42
Administration, Survey & Inspection Fee	1	$2,258.29	$2,258.29

This is the final invoice. See attached for item details.

Services Total	$0.00
Products Total	$32,368.71
Invoice Total	**$32,368.71**

Make check payble to:
Linn County Treasurer
Mail check to:
Linn County Secondary Road Department
1888 County Home Road, Marion, IA 52302
Phone 319-892-6400 Fax 319-892-6419
engineer@linncounty.org

Linn County Secondary Road Fund

STATE OF IOWA, COUNTY OF LINN,SS:
I solemnly swear that the above account is just and true, that the same is under authority of law, and has not been paid, or any part thereof. I make this statement for the purpose of payment of said claim.

LINN COUNTY SECONDARY ROAD DEPARTMENT

City of Hiawatha Final Invoice

Project No.: L-EDGEWOOD RD(18)

Type of work: Grading and Culverts

Location: On Edgewood Road from a point 2,800' north of Tower Terrace Road to E34

Letting Date: May 30, 2017

Final Invoice Date: December 7, 2018

				Division 2 & 3: City of Hiawatha Quantities			
REF.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ACTUAL QUANTITY	CONTRACT UNIT PRICE	AMOUNT
1	2102-2710070	EXCAVATION, CL 10, RDWY+BORROW	CY	7761.500	7761.500	$6.75	$ 52,390.13
2	2104-2710020	EXCAVATION, CL 10, CHANNEL	CY	100.000	100.000	$6.75	$ 675.00
3	2105-8425015	TOPSOIL, STRIP, SALVAGE+SPREAD	CY	1647.000	1647.000	$5.00	$ 8,235.00
4	2121-7425020	GRANULAR SHLD, TYPE B	TON	1210.500	1708.625	$14.25	$ 24,347.91
5	2210-0475105	CHOKE STONE BASE	TON	1821.500	2131.495	$13.50	$ 28,775.18
6	2210-0475290	MACADAM STONE BASE	TON	1721.000	1753.130	$13.75	$ 24,105.54
7	2401-6745650	RMVL OF EXIST STRUCT	LS	0.500	0.500	$5,800.00	$ 2,900.00
8	2402-0425031	GRANULAR BACKFILL	TON	826.500	611.500	$17.50	$ 10,701.25
9	2402-2720100	EXCAVATION, CL 20, RDWY PIPE CULV	CY	686.500	559.500	$5.50	$ 3,077.25
10	2403-0100000	STRUCT CONC (MISCELLANEOUS)	CY	8.100	8.100	$380.00	$ 3,078.00
11	2404-7775005	REINFORC STEEL, EPOXY COATED	LB	544.000	544.000	$2.50	$ 1,360.00
12	2414-6425420	CONC BARRIER, PARAPET	LF	30.000	30.000	$58.50	$ 1,755.00
13	2415-2110806	PRECAST CONC BOX CULV, 8'X6'	LF	66.000	66.000	$575.00	$ 37,950.00
14	2415-2111004	PRECAST CONC BOX CULV, 10'X4'	LF	33.000	33.000	$665.00	$ 21,945.00
15	2416-1180024	CULV, CONC RDWY PIPE, 24"	LF	60.000	60.000	$61.25	$ 3,675.00
16	2416-1200236	CULV, LOW CLEAR CONC RDWY PIPE, EQ DIA 36"	LF	8.000	9.000	$94.25	$ 848.25
17	2416-1541036	RMV+REINSTALL RIGID PIPE CULV LE 36"	LF	72.500	0.000	$33.50	$ -
18	2417-1060024	CULV, CMP RDWY, 24"	LF	48.000	48.000	$63.25	$ 3,036.00
19	2417-1060030	CULV, CMP RDWY, 30"	LF	7.500	7.500	$165.00	$ 1,237.50
20	2417-1060036	CULV, CMP RDWY, 36"	LF	7.500	7.500	$75.50	$ 566.25
21	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	2.000	2.000	$1,930.00	$ 3,860.00
22	2507-6800061	REVERMENT, CLASS E	TON	75.000	77.925	$31.25	$ 2,435.16
23	2515-6745600	RMVL OF PAVED DRIVEWAY	SY	0.000	0.000	$5.50	$ -
24	2518-6910000	SAFETY CLOSURE	EACH	3.500	3.500	$100.00	$ 350.00
25	2528-8445110	TRAFFIC CONTROL	LS	0.625	0.625	$9,700.00	$ 6,062.50
26	2528-8445113	FLAGGER	EACH	25.000	0.000	$450.00	$ -
27	2533-4980005	MOBILIZATION	LS	0.625	0.625	$23,000.00	$ 14,375.00
28	2554-0212020	VALVE BOX EXTENSION	EACH	5.000	19.000	$300.00	$ 5,700.00
29	2554-0212030	VALVE BOX REPLACEMENT	EACH	14.000	0.000	$725.00	$ -
30	2554-0214000	FIRE HYDRANT ADJUSTMENT	EACH	3.000	0.000	$850.00	$ -
31	2599-9999005	FIRE HYDRANT RELOCATION	EACH	3.000	3.000	$1,600.00	$ 4,800.00
32	2601-2634100	MULCH	ACRE	3.050	4.050	$500.00	$ 2,025.00
33	2601-2636044	SEED+FERTILIZE (RURAL)	ACRE	3.050	5.900	$1,200.00	$ 7,080.00
34	2602-0000309	PERIMETER+SLOPE SEDIMENT CNTL DEVICE, 9"	LF	3225.000	1767.500	$1.50	$ 2,651.25
35	2602-0010010	MOBILIZATION, EROSION CONTROL	EACH	6.000	7.000	$500.00	$ 3,500.00
8001	2602-0000020	SILT FENCE	LF	0.000	60.000	$1.50	$ 90.00
8002	2435-0700010	CONNECTION TO EXISTING MANHOLE	LS	1.000	1.000	$1,850.00	$ 1,850.00
8003	2504-0114008	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC	LF	40.000	40.000	$91.00	$ 3,640.00
8004	2417-1060024	CULV, CMP RDWY, 24"	LF	24.000	24.000	$48.00	$ 1,152.00
8005	6200-1108010	PRICE ADJUSTMENT/LIQUIDATED DAMAGES W.D.	DAY	0.000	1.250	-$1,000.00	$ (1,250.00)
8006	2599-9999010	EXTRA DITCH GRADING	LS	0.000	1.000	$470.00	$ 470.00
8007	2601-2640350	SPECIAL DITCH CONTROL, WOOD EX	SQ	0.000	260.000	$4.62	$ 1,201.20
8008	2105-8425015	TOPSOIL, STRIP, SALVAGE+SPREAD	CY	0.000	298.000	$42.00	$ 12,516.00
8009	2601-2640350	SPECIAL DITCH CONTROL, WOOD EX	SQ	0.000	50.000	$20.16	$ 1,008.00
8010	6100-2533010	{EXTRA WORK} MOBILIZATION, ADD	EACH	0.000	1.000	$1,000.00	$ 1,000.00
8011	2599-9999010	EQUIPMENT AND LABOR CHARGE	LS	0.000	1.000	$2,038.00	$ 2,038.00
8012	2601-2640350	SPECIAL DITCH CONTROL, WOOD EX	SQ	0.000	50.000	$21.12	$ 1,056.00
8013	2599-9999010	EQUIPMENT AND LABOR CHARGE	LS	0.000	1.000	$2,126.00	$ 2,126.00
8014	2599-9999010	IMPORTED TOPSOIL (7-6-18)	LS	0.000	1.000	$440.00	$ 440.00

City of Hiawatha (100% of Division 2 & 50% of Division 3) Subtotal:	$	310,834.36
Linn County Administration, Design, & Inspection Services (7.5%):	$	23,312.58
Less Previously Invoiced:	$	301,778.22
City of Hiawatha Final Invoice:	**$**	**32,368.71**

12-7-18

Linn County Secondary Road Department

Contract Costs

Project No.: L-EDGEWOOD RD(18)
Type of work: Grading and Culverts
Location: On Edgewood Road from Tower Terrace Road north to County Home Road
Letting Date: May 30, 2017
Date: May 30, 2017

Late Start Date: August 21, 2017
Working Days: 35
Liquidated Damages: $1,000/Day
Proposal Guaranty: $37,500
Project Length: 1.8 miles

Ref.	Item Code	Item	Unit	Estimated Quantity Div 1	Div 2	Div 3	Total	Unit Price	Amount
1	2102-2710070	EXCAVATION, CL 10, RDWY+BORROW	CY	1925.000	5448.000	4627.000	12,000.000	$6.75	$ 81,000.00
2	2104-2710020	EXCAVATION, CL 10, CHANNEL	CY	0.000	0.000	200.000	200.000	$6.75	$ 1,350.00
3	2105-8425015	TOPSOIL, STRIP, SALVAGE+SPREAD	CY	347.000	1197.000	900.000	2,444.000	$5.00	$ 12,220.00
4	2121-7425020	GRANULAR SHLD, TYPE B	TON	377.000	742.000	937.000	2,056.000	$14.25	$ 29,298.00
5	2210-0475105	CHOKE STONE BASE	TON	10.000	1239.000	1165.000	2,414.000	$13.50	$ 32,589.00
6	2210-0475290	MACADAM STONE BASE	TON	15.000	1157.000	1128.000	2,300.000	$13.75	$ 31,625.00
7	2401-6745650	RMVL OF EXIST STRUCT	LS	0.000	0.000	1.000	1.000	$5,800.00	$ 5,800.00
8	2402-0425031	GRANULAR BACKFILL	TON	110.000	250.000	1153.000	1,513.000	$17.50	$ 26,477.50
9	2402-2720100	EXCAVATION, CL 20, RDWY PIPE CULV	CY	65.000	218.000	937.000	1,220.000	$5.50	$ 6,710.00
10	2403-0100000	STRUCT CONC (MISCELLANEOUS)	CY	0.000	0.000	16.200	16.200	$380.00	$ 6,156.00
11	2404-7775005	REINFORC STEEL, EPOXY COATED	LB	0.000	0.000	1088.000	1,088.000	$2.50	$ 2,720.00
12	2414-6425420	CONC BARRIER, PARAPET	LF	0.000	0.000	60.000	60.000	$58.50	$ 3,510.00
13	2415-2110806	PRECAST CONC BOX CULV, 8'X6'	LF	0.000	0.000	132.000	132.000	$575.00	$ 75,900.00
14	2415-2111004	PRECAST CONC BOX CULV, 10'X4'	LF	0.000	0.000	66.000	66.000	$665.00	$ 43,890.00
15	2416-1180024	CULV, CONC RDWY PIPE, 24"	LF	0.000	60.000	0.000	60.000	$61.25	$ 3,675.00
16	2416-1200236	CULV,LOW CLEAR CONC RDWY PIPE,EQ DIA 36"	LF	0.000	0.000	16.000	16.000	$94.25	$ 1,508.00
17	2416-1541036	RMV+REINSTALL RIGID PIPE CULV LE 36"	LF	0.000	0.000	145.000	145.000	$33.50	$ 4,857.50
18	2417-1060024	CULV, CMP RDWY, 24"	LF	20.000	0.000	96.000	116.000	$63.25	$ 7,337.00
19	2417-1060030	CULV, CMP RDWY, 30"	LF	0.000	0.000	15.000	15.000	$165.00	$ 2,475.00
20	2417-1060036	CULV, CMP RDWY, 36"	LF	0.000	0.000	15.000	15.000	$75.50	$ 1,132.50
21	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	0.000	2.000	0.000	2.000	$1,930.00	$ 3,860.00
22	2507-6800061	REVETMENT, CLASS E	TON	0.000	0.000	150.000	150.000	$31.25	$ 4,687.50
23	2515-6745600	RMVL OF PAVED DRIVEWAY	SY	100.000	0.000	0.000	100.000	$5.50	$ 550.00
24	2518-6910000	SAFETY CLOSURE	EACH	2.000	2.000	3.000	7.000	$100.00	$ 700.00
25	2528-8445110	TRAFFIC CONTROL	LS	0.150	0.400	0.450	1.000	$9,700.00	$ 9,700.00
26	2528-8445113	FLAGGER	EACH	6.000	16.000	18.000	40.000	$450.00	$ 18,000.00
27	2533-4980005	MOBILIZATION	LS	0.150	0.400	0.450	1.000	$23,000.00	$ 23,000.00
28	2554-0212020	VALVE BOX EXTENSION	EACH	0.000	5.000	0.000	5.000	$300.00	$ 1,500.00
29	2554-0212030	VALVE BOX REPLACEMENT	EACH	0.000	14.000	0.000	14.000	$725.00	$ 10,150.00
30	2554-0214000	FIRE HYDRANT ADJUSTMENT	EACH	0.000	3.000	0.000	3.000	$850.00	$ 2,550.00
31	2599-9999005	FIRE HYDRANT RELOCATION	EACH	0.000	3.000	0.000	3.000	$1,600.00	$ 4,800.00
32	2601-2634100	MULCH	ACRE	0.600	2.200	1.700	4.500	$500.00	$ 2,250.00
33	2601-2636044	SEED+FERTILIZE (URBAN)	ACRE	0.600	2.200	1.700	4.500	$1,200.00	$ 5,400.00
34	2602-0000309	PERIMETER+SLOPE SEDIMENT CNTL DEVICE, 9"	LF	1050.000	1425.000	3600.000	6,075.000	$1.50	$ 9,112.50
35	2602-0010010	MOBILIZATION, EROSION CONTROL	EACH	2.000	4.000	4.000	10.000	$500.00	$ 5,000.00
36		SEAL COAT - BY COUNTY	SY	170.00	3687.000	3830.000	7,687.000	$3.00	$ 23,061.00
									$ 504,551.50

DIV 1 = Linn County Secondary Road Department (100%)
DIV 2 = City of Hiawatha (100%)
DIV 3 = Linn County Secondary Road Department (50%) & City of Hiawatha (50%)

Linn County Estimate (Div 1 + 1/2 Div 3):	$	**191,753.00**
Hiawatha Estimate (Div 2 + 1/2 Div 3):	$	312,798.50
Linn County Survey, Design, Inspection, and Adminitstration (7.5%):	$	23,459.89
	$	**336,258.39**
10% Contingency:	$	33,625.84
Hiawatha Total Estimate:	**$**	**369,884.23**

DRAFT

RESOLUTION NO. 18-
City Council

RESOLUTION APPROVING (FINAL) PAY ESTIMATE #2
2017-2018 Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road North to County Home Road

WHEREAS, the City Council of the City of Hiawatha, Iowa, has contracted for the 2017-2018 Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road North to County Home Road with Linn County Secondary Road Department, and

WHEREAS, 2017-2018 Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road North to County Home Road with Linn County Secondary Road Department has been completed and to the best of our knowledge and belief, is in substantial compliance with the provisions of the contract documents and,

WHEREAS, the application for (Final) Pay Estimate #2 (two) in the amount of $32,368.71 has been received in the Clerk's Office, and

WHEREAS, the City Engineer has certified that said project has been completed in compliance with the plans and specifications and recommended payment of the (Final) Pay Estimate #2, and

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA hereby accepting the 2017-2018 Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road North to County Home Road, constructed by Linn County Secondary Road Department, and approving application for (Final) Pay Estimate #2 and directing City Clerk to make payment to Linn County Secondary Road Department, in the amount of $32,368.71 immediately.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 19th day of December, 2018.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kari Graber, Deputy City Clerk