F8a

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:** **February 14, 2018**

From: John Bender PE, City Engineer

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

Description: **Approval of Pay Application No. 1**

Report:

See attached partial payment No.1 to Linn County for the Edgewood Road Grading and Culvert Project Phase I. This payment is for work completed through November of last year. The payment shows the contractor has the project substantially complete. Only items remaining will be some reseeding and erosion control this spring.

This payment is approximately at 80% of the original estimate included with the 28e cost share agreement. (Attached) With very minor work remaining, we should be under budget with all the work under the Hiawatha responsibility when the project is completed and accepted this spring.

Recommendation:

Engineering recommends approval of Partial Payment No. 1 to Linn County in the amount of $ 301,788.22.

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

Linn County Secondary Road Department

INVOICE #7089

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

Customer

City of Hiawatha
101 Emmons St
Hiawatha, IA 52233

Invoice Date 2/9/2018

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	$280,723.93	$280,723.93
Administration, Survey & Inspection Fee	1	$21,054.29	$21,054.29

This is not a final invoice. Work to be completed Spring 2018. Final invoice to be sent when project is complete. See attached for item details.

Services Total	$0.00
Products Total	$301,778.22
Invoice Total	**$301,778.22**

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 Invoice #1

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

Invoice #1 Date: February 9, 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	7761.000	$6.75	$ 52,386.75
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	1708.630	$14.25	$ 24,347.98
5	2210-0475105	CHOKE STONE BASE	TON	1821.500	2131.500	$13.50	$ 28,775.25
6	2210-0475290	MACADAM STONE BASE	TON	1721.000	1719.720	$13.75	$ 23,646.15
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	29.300	$58.50	$ 1,714.05
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	62.840	$31.25	$ 1,963.75
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	3.050	$500.00	$ 1,525.00
33	2601-2636044	SEED+FERTILIZE (RURAL)	ACRE	3.050	3.050	$1,200.00	$ 3,660.00
34	2602-0000309	PERIMETER+SLOPE SEDIMENT CNTL DEVICE, 9"	LF	3225.000	1254.000	$1.50	$ 1,881.00
35	2602-0010010	MOBILIZATION, EROSION CONTROL	EACH	6.000	2.000	$500.00	$ 1,000.00
8001	2602-0000020	SILT FENCE	LF	50.000	0.000	$1.50	$ -
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)

City of Hiawatha (100% of Division 2 & 50% of Division 3) Subtotal:	$	280,723.93
Linn County Administration, Design, & Inspection Services (7.5%):	$	21,054.29
City of Hiawatha Invoice #1:	**$**	**301,778.22**

Prepared By: Linn County Secondary Road Dept., 1888 County Home Rd, Marion, IA 52302, (319)892-6400
Return To: Linn County Auditor, 935 2nd Street SE, Cedar Rapids, IA 52404, (319)892-5300

COUNTY AND CITY
PROJECT AGREEMENT

This agreement entered into this _____ day of _____, by and between Linn County, Iowa, hereinafter referred to as County, and the City of Hiawatha, hereinafter referred to as City.

WHEREAS, both the County and the City are a public agency as is defined by Section 28E.2 of the Code of Iowa, and

WHEREAS, Section 28E.3 of the Code of Iowa provides that any power or powers, privileges or authority exercised or capable of exercise by a public agency of the State of Iowa may be exercised and enjoyed jointly by a public agency of the State of Iowa having such power or powers, and

WHEREAS, it is proposed, that the County plan, design and let for bidding a construction project to grade for future paving on shared portions of Edgewood Road and

WHEREAS, the City Council and the County Board of Supervisors have informed themselves as to the proposed improvement.

IT IS NOW AGREED that the City of Hiawatha and Linn County enter into an agreement pursuant to Chapter 28E of the Code of Iowa providing for cooperative action pursuant to the proposed roadway construction project and, said cooperative actions include the following:

1) SCOPE OF WORK - Design, let and construct improvements to Edgewood Road per plans and specifications produced by the Linn County Engineer. Work is to include grading, culvert extensions and replacements, granular shoulders, utility adjustments, staking, inspection, and other items to complete the project.

2) DURATION - This Agreement shall commence on the date that both parties sign this agreement and shall continue thereafter until the final completion of the project and settlement of the financial conditions of this agreement.

3) PURPOSE - The purpose of this Agreement is to accomplish the proposed project as described per approved plans in agreement with conditions specified in this Agreement.

4) ADMINISTRATION - The County shall be responsible for the administration of this project.

5) The City and County agree to save and indemnify and keep harmless, each other against all liabilities, judgments, costs, and expenses which may in any way come against the County or City or which in any way result from carelessness or neglect of either party or its agents, employees, or workmen in any respect whatsoever.

6) The City and County agree to indemnify and hold each other, their employees and agents, wholly harmless from any damages, claims, demands, or suits by any person or persons arising out of any acts or omissions by the City or County, its agents, servants or employees in the course of any work done in connection with any of the matters set forth in this agreement.

7) FINANCING - The County shall initially finance the cost of the project. The City shall reimburse the County for the actual cost of construction plus 7.5% administration fees (design, inspection, plan preparation, etc.) based on proposed plans and attached project estimate for the portion of the project within their corporate limits as they exist at the time the project is complete. Payment shall be made within 30 days of receipt of detailed invoice.

8) TERMINATION: -
   a) This Agreement shall be considered binding upon the City and the County and shall not be terminated until provisions of paragraph 8b are met after actual work has begun on the project.
   b) This agreement will be terminated upon final acceptance of the work by the City and final settlement of the financial conditions set forth in paragraph 7 thereof.

Executed in triplicate, each of which shall constitute as original, by Linn County on the _____day of _ _____, _____, and by the City of Cedar Rapids on the _____ day of _____, ___ .

BOARD OF SUPERVISORS
LINN COUNTY, IOWA

_____

_____

_____

_____

_____

ATTEST:

_____
LINN COUNTY AUDITOR

CITY OF HIAWATHA

_____

_____

_____

ATTEST:

_____
HIAWATHA CITY CLERK

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 PARTIAL PAY ESTIMATE #1
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, entered into a 28E Agreement with Linn County Secondary Road Department for the construction of the 2017-2018 Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road North to County Home Road, and

WHEREAS, application for Partial Pay Estimate #1 (one) in the amount of $301,788.22 has been received in the Clerk's Office, and

WHEREAS, the City of Hiawatha has received recommendation from the City Engineer to make payment, and

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA to approve application for Partial Pay Estimate #1 for the 2017-2018 Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road North to County Home Road, and direct City Clerk to make payment to Linn County Secondary Road Department, in the amount of $301,788.22.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 21st day of February, 2018.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk