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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: May 31, 2017

From: John C Bender PE, City Engineer

Re: Linn County 28e Agreement

Description: Edgewood Road Culvert and Grading Project Phase I
Review and Concur with Bids

Report:

We have been working the Linn County Engineers office to develop plans for the phase I improvements to Edgewood Road between Tower Terrace Road and County Home Road. The phase I project will replace the existing drainage pipes in the roadway with new culverts. Work also includes preparing the roadway surface for the concrete white-topping project scheduled for next year.

The project was bid on May 30th with 5 bidders responding. The apparent low bidder was Peterson Contracting from Reinbeck Iowa at $481,490.50, or approximately 8% under the engineer's estimate. Hiawatha is responsible for approximately 73% of that cost. A 28e agreement with the County has been approved with a not-to-exceed $400,000 for this phase.

We are familiar with this contractor and they have also done work with Linn County on previous projects. Engineering recommends concurring with Linn County on awarding a contract to Peterson Contractors for this phase I project.

If you have any questions please feel free to contact me.

RESOLUTION NO. 17-089
City Council

RESOLUTION APPROVING A 28E AGREEMENT BETWEEN THE CITY OF HIAWATHA AND LINN COUNTY FOR THE EDGEWOOD ROAD CULVERT AND GRADING PROJECT PHASE I FROM TOWER TERRACE ROAD NORTH TO COUNTY HOME ROAD

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, that the Mayor and City Clerk are hereby authorized to sign a 28E Agreement between the City of Hiawatha and Linn County and file said 28E Agreement with the Secretary of State for the following purpose and under the following terms:

Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road north to County Home Road with terms as outlined in the attached Exhibit 'A,' and a total cost estimate including construction, administration, design and inspection services in the amount of $365,869.26, with Hiawatha's share of the total cost in an amount not to exceed $400,000.00.

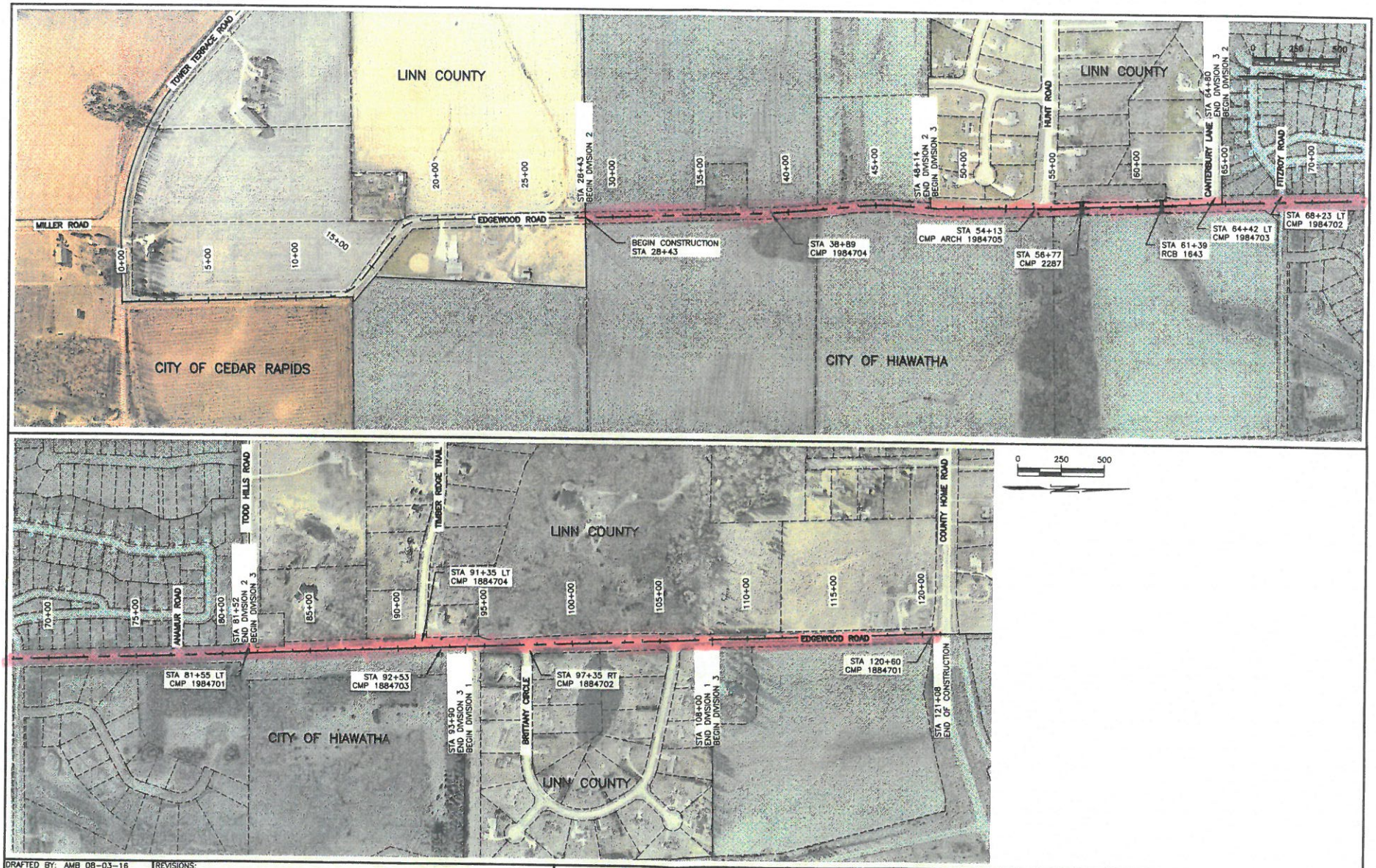
AYES: Marty Bruns, Bob Rampulla, Dick Olson, Aime Wichtendahl
NAYS: None
ABSENT: Dennis Norton

PASSED AND APPROVED this 3rd day of May, 2017.

Bill Bennett, Mayor

ATTEST:

Kelly Kornegor, City Clerk



DRAFTED BY: AMB 08-03-16
REVISED BY: AMB 04-12-17
PLOTTED BY: BAIN, AUSTIN
4/28/2017 09:37

REVISIONS:

DWG: S:\PROJECTS\EDGEWOOD ROAD\2017 GRADING TOWER TERRACE RD TO COUNTY HOME RD\DWG\L-EDGEWOOD RD (17) PLANS.dwg

OFFICE OF THE LINN COUNTY ENGINEER

EDGEWOOD ROAD
L-EDGEWOOD RD(18)
GRADING AND CULVERTS

SITE MAP

SHEET A.02

LINN COUNTY SECONDARY ROAD DEPARTMENT
1888 COUNTY HOME ROAD, MARION, IOWA 52302

Bid Tablulation for:
L-EDGEWOOD RD(18)
Letting Date: May 30, 2017 9:00 AM
Work type: 352-Excavation

					Engineers Estimate		Apparent low bid PETERSON CONTRACTORS INC. P.O. BOX A REINBECK, IA 50669-0155		RICKLEFS EXCAVATING, LTD. 12536 BUFFALO RD. ANAMOSA, IA 52205		PIRC-TOBIN CONSTRUCTION, INC. P.O. BOX 160 ALBURNETT, IA 52202		SCHMIT 250 - 50 CEDAR
Line No.	Item No.	Title	Units	Quantity	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Pric	Unit Price	Extended Price	Unit Pric
1	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	12,000.0	10.00	120,000.00	6.75	81,000.00	6.00	72,000.00	12.50	150,000.00	
2	2104-2710020	EXCAVATION, CLASS 10, CHANNEL	CY	200.0	7.75	1,550.00	6.75	1,350.00	3.00	600.00	8.00	1,600.00	
3	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	2,444.0	5.00	12,220.00	5.00	12,220.00	3.50	8,554.00	12.00	29,328.00	
4	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	2,056.00	14.00	28,784.00	14.25	29,298.00	13.00	26,728.00	20.00	41,120.00	
5	2210-0475105	CHOKE STONE BASE	TON	2,414.00	15.00	36,210.00	13.50	32,589.00	13.00	31,382.00	18.00	43,452.00	
6	2210-0475290	MACADAM STONE BASE	TON	2,300.00	15.00	34,500.00	13.75	31,625.00	13.50	31,050.00	18.00	41,400.00	
7	2401-6745650	REMOVAL OF EXISTING STRUCTURES	LS	1.00	5,000.00	5,000.00	5,800.00	5,800.00	3,500.00	3,500.00	7,500.00	7,500.00	
8	2402-0425031	GRANULAR BACKFILL	TON	1,513.0	14.00	21,182.00	17.50	26,477.50	12.00	18,156.00	12.50	18,912.50	
9	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	CY	1,220.0	5.00	6,100.00	5.50	6,710.00	4.00	4,880.00	8.00	9,760.00	
10	2403-0100000	STRUCTURAL CONCRETE (MISCELLANEOUS)	CY	16.2	450.00	7,290.00	380.00	6,156.00	150.00	2,430.00	250.00	4,050.00	
11	2404-7775005	REINFORCING STEEL, EPOXY COATED	LB	1,088	1.00	1,088.00	2.50	2,720.00	1.00	1,088.00	1.25	1,360.00	
12	2414-6425420	CONCRETE BARRIER, PARAPET	LF	60.0	1.00	60.00	58.50	3,510.00	50.00	3,000.00	45.00	2,700.00	
13	2415-2110806	PRECAST CONCRETE BOX CULVERT, 8 FT. X 6 FT.	LF	132.0	520.00	68,640.00	575.00	75,900.00	950.00	125,400.00	825.00	108,900.00	
14	2415-2111004	PRECAST CONCRETE BOX CULVERT, 10 FT. X 4 FT.	LF	66.0	700.00	46,200.00	665.00	43,890.00	1,000.00	66,000.00	875.00	57,750.00	
15	2416-1180024	CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.	LF	60	60.00	3,600.00	61.25	3,675.00	70.00	4,200.00	60.00	3,600.00	
16	2416-1200236	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 36 IN.	LF	16	120.00	1,920.00	94.25	1,508.00	130.00	2,080.00	145.00	2,320.00	
17	2416-1541036	REMOVE AND REINSTALL RIGID PIPE CULVERT LESS THAN OR EQUAL TO 36 IN.	LF	145	70.00	10,150.00	33.50	4,857.50	30.00	4,350.00	25.00	3,625.00	
18	2417-1060024	CULVERT, CORRUGATED METAL ROADWAY PIPE, 24 IN. DIA.	LF	116	43.00	4,988.00	63.25	7,337.00	50.00	5,800.00	60.00	6,960.00	
19	2417-1060030	CULVERT, CORRUGATED METAL ROADWAY PIPE, 30 IN. DIA.	LF	15	65.00	975.00	165.00	2,475.00	80.00	1,200.00	65.00	975.00	
20	2417-1060036	CULVERT, CORRUGATED METAL ROADWAY PIPE, 36 IN. DIA.	LF	15	80.00	1,200.00	75.50	1,132.50	90.00	1,350.00	125.00	1,875.00	
21	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	2	500.00	1,000.00	1,930.00	3,860.00	500.00	1,000.00	1,800.00	3,600.00	
22	2507-6800061	REVETMENT, CLASS E	TON	150.00	30.00	4,500.00	31.25	4,687.50	30.00	4,500.00	50.00	7,500.00	
23	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	100.0	10.50	1,050.00	5.50	550.00	6.00	600.00	6.00	600.00	
24	2518-6910000	SAFETY CLOSURE	EACH	7	35.00	245.00	100.00	700.00	100.00	700.00	125.00	875.00	
25	2528-8445110	TRAFFIC CONTROL	LS	1.00	5,000.00	5,000.00	9,700.00	9,700.00	6,500.00	6,500.00	10,000.00	10,000.00	
26	2528-8445113	FLAGGERS	EACH	40.0	450.00	18,000.00	450.00	18,000.00	275.00	11,000.00	425.00	17,000.00	
27	2533-4980005	MOBILIZATION	LS	1.00	20,000.00	20,000.00	23,000.00	23,000.00	125,000.00	125,000.00	45,000.00	45,000.00	
28	2554-0212020	VALVE BOX EXTENSION	EACH	5	200.00	1,000.00	300.00	1,500.00	110.00	550.00	250.00	1,250.00	
29	2554-0212030	VALVE BOX REPLACEMENT	EACH	14	1,000.00	14,000.00	725.00	10,150.00	150.00	2,100.00	750.00	10,500.00	
30	2554-0214000	FIRE HYDRANT ADJUSTMENT	EACH	3	200.00	600.00	850.00	2,550.00	1,800.00	5,400.00	1,800.00	5,400.00	
31	2599-9999005	FIRE HYDRANT RELOCATION	EACH	3	1,500.00	4,500.00	1,600.00	4,800.00	3,500.00	10,500.00	2,500.00	7,500.00	
32	2601-2634100	MULCHING	ACRE	4.5	1,200.00	5,400.00	500.00	2,250.00	650.00	2,925.00	600.00	2,700.00	
33	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	4.5	1,200.00	5,400.00	1,200.00	5,400.00	1,500.00	6,750.00	1,500.00	6,750.00	
34	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	6,075.0	4.00	24,300.00	1.50	9,112.50	2.10	12,757.50	1.65	10,023.75	
35	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	10	500.00	5,000.00	500.00	5,000.00	10.00	100.00	250.00	2,500.00	
				Totals		**521,652.00**		**481,490.50**		**604,130.50**		**668,386.25**	
				% of Estimate				92.30		115.81		128.13	

DRAFT

RESOLUTION NO. 17-
City Council

RESOLUTION CONCURRING WITH LINN COUNTY AWARD OF CONTRACT IN CONNECTION WITH THE 28E AGREEMENT FOR EDGEWOOD ROAD CULVERT AND GRADING PROJECT PHASE I FROM TOWER TERRACE ROAD NORTH TO COUNTY HOME ROAD

WHEREAS, City Council approved Resolution #17-089 authorizing a 28E Agreement between the City of Hiawatha and the Linn County for the construction of the Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road North to County Home Road, and

WHEREAS, Linn County took bids for the project and the low bidder was Peterson Contractors of Reinbeck, Iowa with a bid of $481,490.50, approximately 8% under the engineer's cost estimate, and

WHEREAS, Hiawatha is responsible to provide funding toward project costs at a total amount not to exceed $400,000.00, and

WHEREAS, the City Engineer reviewed the bid documents from Linn County and recommended City Council approval in concurring with the bid award to Peterson Contractors of Reinbeck, Iowa, and

NOW THEREFORE BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF HIAWATHA concurring with Linn County award of contract to Peterson Contractors of Reinbeck, Iowa in connection with the 28E Agreement with Linn County for the construction of the Edgewood Road Culvert and Grading Project Phase I from Tower Terrace Road north to County Home Road.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 7th day of June, 2017.

_____
Marty Bruns, Mayor Pro-Tem

ATTEST:

_____
Kelly Kornegor, City Clerk