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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: March 28, 2018

From: John C Bender PE, City Engineer

Re: Linn County 28e Agreement

Description: Edgewood Road Paving (Whitetopping) Project Phase II
Review and Concur with Bids

Report:

We have been working the Linn County Engineers office to develop plans for the phase II improvements to Edgewood Road between Tower Terrace Road and County Home Road. The phase II project will construct a new 8" concrete paving over the existing asphalt surface. Work also includes preparing the roadway shoulders with a new rock surface.

The project was bid on March 27th with 3 bidders responding. The apparent low bidder was Horsfield Contracting from Epworth Iowa at $936,121.80, or approximately 4% under the engineer's estimate. Hiawatha is responsible for approximately 65% of that cost. A 28e agreement with the County has been approved for this phase. With this cost considered, we should be approximately 9% under our total budget for this phase II project.

We are familiar with this contractor and they have also done work with us and Linn County on previous projects. Engineering recommends concurring with Linn County on awarding a contract to Horsfield Contractors for this phase II project. This project is budgeted with capital improvement funds.

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

LINN COUNTY SECONDAR ROAD DEPARTMENT
1888 COUNTY HOME ROAD

Bid Tablulation for: **L-EDGEWOOD RD(19)** Letting Date: March 27, 2018 9:00 AM Work type: 367-PCC Paving					**Engineers Estimate**		**Apparent low bid** HORSFIELD CONSTRUCTION PO BOX 305 EPWORTH, IA 52045		CROELL, INC. P.O. BOX 430 NEW HAMPTON, IA 50659		STREB CONSTRUCTION P.O. BOX 5065 CORALVILLE, IA 52241	
Line No.	Item No.	Title	Units	Quantity	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	2115-0100000	MODIFIED SUBBASE	CY	51.0	25.00	1,275.00	50.00	2,550.00	35.00	1,785.00	32.00	1,632.00
2	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	2,088.00	13.50	28,188.00	15.00	31,320.00	13.95	29,127.60	16.00	33,408.00
3	2210-0475105	CHOKE STONE BASE	TON	550.00	13.50	7,425.00	16.00	8,800.00	13.95	7,672.50	16.00	8,800.00
4	2214-5145150	PAVEMENT SCARIFICATION	SY	606.00	10.00	6,060.00	11.00	6,666.00	11.00	6,666.00	11.00	6,666.00
5	2301-1032080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 8 IN.	SY	465.0	75.00	34,875.00	54.00	25,110.00	50.00	23,250.00	70.00	32,550.00
6	2303-1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	652.00	60.00	39,120.00	82.00	53,464.00	82.00	53,464.00	82.00	53,464.00
7	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	39.10	375.00	14,662.50	396.00	15,483.60	396.00	15,483.60	396.00	15,483.60
8	2310-5151040	PORTLAND CEMENT CONCRETE OVERLAY, FURNISH ONLY	CY	8,341.0	75.00	625,575.00	72.00	600,552.00	76.00	633,916.00	90.00	750,690.00
9	2310-5151551	PORTLAND CEMENT CONCRETE OVERLAY, PLACEMENT ONLY (WHITE TOPPING)	SY	31,920.0	4.50	143,640.00	4.50	143,640.00	4.00	127,680.00	5.00	159,600.00
10	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	5.0	2,800.00	14,000.00	1,400.00	7,000.00	2,000.00	10,000.00	2,500.00	12,500.00
11	2510-6745850	REMOVAL OF PAVEMENT	SY	465.0	10.00	4,650.00	10.00	4,650.00	10.00	4,650.00	12.00	5,580.00
12	2518-6910000	SAFETY CLOSURE	EACH	18.0	450.00	8,100.00	50.00	900.00	50.00	900.00	75.00	1,350.00
13	2527-9263117	PAINTED PAVEMENT MARKINGS, DURABLE	STA	364.30	27.00	9,836.10	34.00	12,386.20	34.00	12,386.20	36.00	13,114.80
14	2528-8445110	TRAFFIC CONTROL	LS	1.00	5,000.00	5,000.00	2,800.00	2,800.00	2,800.00	2,800.00	4,600.00	4,600.00
15	2533-4980005	MOBILIZATION	LS	1.00	25,000.00	25,000.00	20,000.00	20,000.00	35,200.00	35,200.00	60,000.00	60,000.00
16	2554-0212020	VALVE BOX EXTENSION	EACH	2.0	500.00	1,000.00	400.00	800.00	400.00	800.00	500.00	1,000.00
				Totals		**968,406.60**		**936,121.80**		**965,780.90**		**1,160,438.40**
				% of Estimate				96.67		99.73		119.83

Secondary Road Department
Linn County, Iowa

Steven M. Gannon, P.E. – Linn County Engineer
Bradley J. Ketels, P.E. – County Engineer – Administration
Ben Merta – Operations Superintendent
Nichole L. Brown – Office Manager / Financial Analyst

Secondary Road Department
1888 County Home Road
Marion, Iowa 52302-9753

February 7, 2018

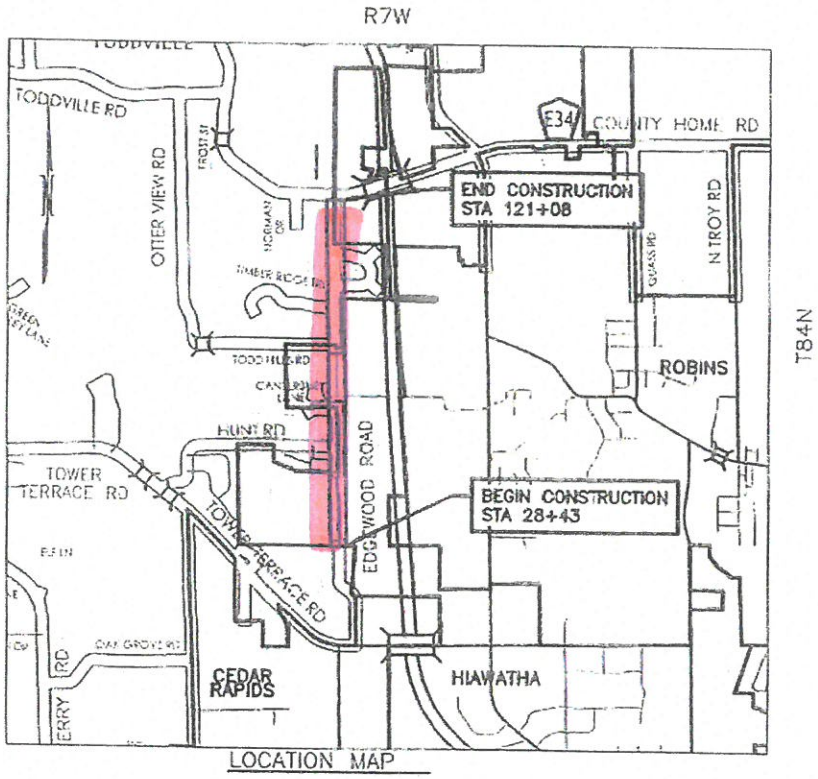
Upcoming Road Construction on Edgewood Road

To Whom It May Concern:

This letter is to inform you of the upcoming paving project on Edgewood Road from just north of Tower Terrace Road north to County Home Road. Construction includes concrete paving over the existing surface with granular shoulders.

The project is tentatively scheduled for a March 6, 2018 letting. As per the proposed contract, the late start date for the project is June 4, 2018. The contractor will be allowed 35-40 (exact number still to be determined) working days to complete the project with a monetary incentive for each day completed prior to the allotted working day amount. Once started, the project will take approximately 6-8 weeks for completion.

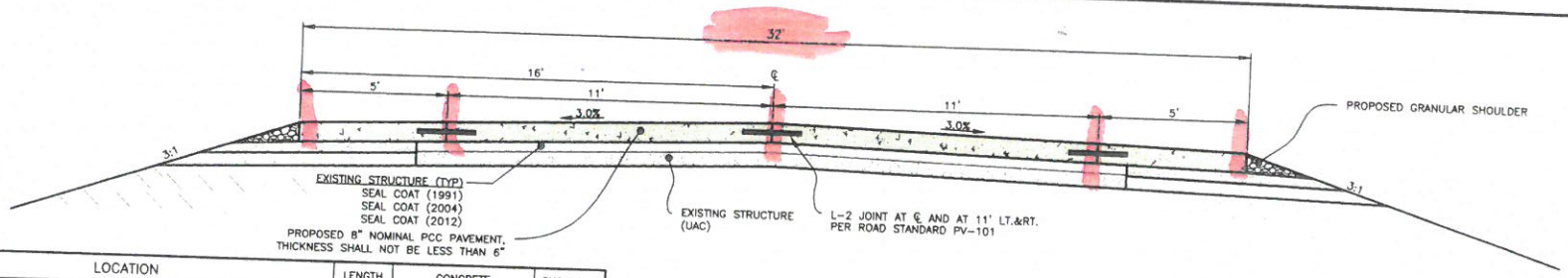
To receive detailed project updates, go to www.linncounty.org and select the 'Notify Me' icon. Daily updates (or as work progresses) via email or text will be sent once work has started. You will need to create a free account for this service and select which projects you would like to be notified of. Please contact our office if you need assistance with this service.



LOCATION MAP

Communication and coordination is key to making this a successful project. If the Secondary Road Department would need to contact you regarding this project, it is helpful to have accurate contact information. To assist us with communication please call or email our office at (319)892-6400 or engineer@linncounty.org and provide your address and preferred contact information. If you choose to email our office please type "Edgewood Road Contact Info" in the subject line.

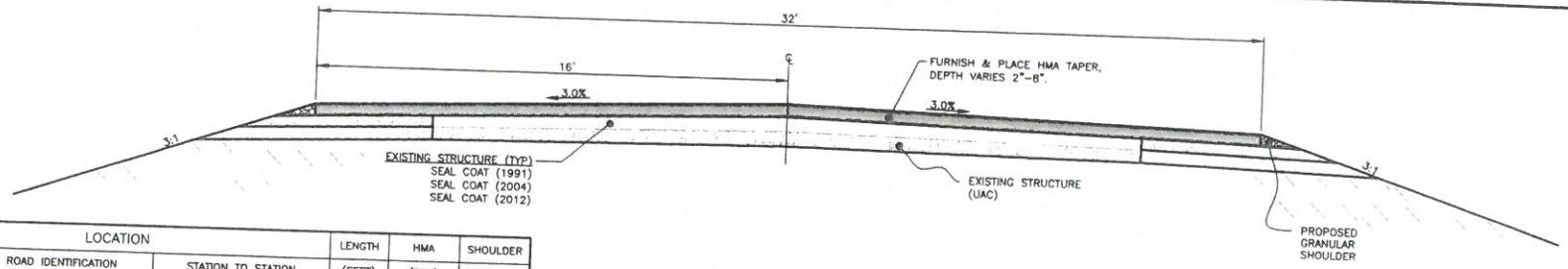
See below for frequently asked questions related to concrete paving projects.



LOCATION				LENGTH	CONCRETE		SHOULDER
DIVISION	ROAD IDENTIFICATION	STATION TO STATION		(FEET)	AREA (SY)	VOL. (CY)	(TON)
2	EDGEWOOD ROAD	29+93	48+14	1821	6475	1691	374
3	EDGEWOOD ROAD	48+14	64+80	1666	5924	1547	342
2	EDGEWOOD ROAD	64+80	81+52	1672	5945	1553	343
3	EDGEWOOD ROAD	81+52	93+90	1238	4402	1150	254
1	EDGEWOOD ROAD	93+90	108+00	1410	5014	1310	290
3	EDGEWOOD ROAD	108+00	119+70	1170	4160	1090	240
			TOTAL	8977	31920	8341	1843

TYPICAL CROSS SECTION-PCC PAVEMENT SECTION
SCALE: 1"=4'

PAVEMENT CONDITION INDEX (PCI) HISTORY	
YEAR	PCI
2013	54-72
2015	46-72



LOCATION				LENGTH	HMA	SHOULDER
DIVISION	ROAD IDENTIFICATION	STATION TO STATION		(FEET)	(TON)	(TON)
2	EDGEWOOD ROAD	28+43	29+93	150	142	30
3	EDGEWOOD ROAD	119+70	121+20	SEE SHEET K.05		
			TOTAL	150	142	30

TYPICAL CROSS SECTION-HMA TAPERS
SCALE: 1"=4'

DRAFTED BY: AMB 06-29-17
REVISED BY: AMB 01-12-18
PLOTTED BY: BAIN, AUSTIN 2/6/2018 15:43

REVISIONS:

DWG: S:\PROJECTS\EDGEWOOD ROAD\2018 OVERLAY TOWER TERRACE RD TO COUNTY HOME RD\DWG

OFFICE OF THE LINN COUNTY ENGINEER

EDGEWOOD ROAD
L-EDGEWOOD RD(19)
PCC WHITETOPPING

TYPICAL CROSS SECTIONS

SHEET B.01

DRAFT

RESOLUTION NO. 18-
City Council

RESOLUTION CONCURRING WITH LINN COUNTY AWARD OF CONTRACT IN CONNECTION WITH THE 28E AGREEMENT FOR EDGEWOOD ROAD REPAVING PROJECT PHASE II

WHEREAS, City Council approved Resolution #18-016 authorizing a 28E Agreement between the City of Hiawatha and Linn County for the construction of the Edgewood Road Repaving Project Phase II, and

WHEREAS, Linn County took bids for the project and the low bidder was Horsfield Construction of Epworth, Iowa with a bid of $936,121.80, approximately 4% under the engineer's cost estimate, and

WHEREAS, Hiawatha is responsible to provide 65% of funding toward project costs in an amount not to exceed $608,479.17, and

WHEREAS, the City Engineer reviewed the bid documents from Linn County and recommended City Council approval in concurring with the bid award to Horsfield Construction of Epworth, Iowa, and

NOW THEREFORE BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, concurring with Linn County award of contract to Horsfield Construction of Epworth, Iowa in connection with the 28E Agreement between the City of Hiawatha and Linn County for the construction of the Edgewood Road Repaving Project Phase II.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 4th day of April, 2018.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk