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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:** **September 30, 2016**

From: John C. Bender PE, City Engineer

Re: **Boyson Road Trail Extension 2016**

Description: Approval of Bids

Report:

The bid opening for the Boyson Road Trail extension was held was held Tuesday September 27, 2016. We received 4 bids for this project. The low bid was submitted by Midwest Concrete from Peosta Iowa for **$103,187.00**. See bid tabulation from Hall and Hall Engineers. This bid was 17% above the engineer's estimate.

We did anticipate the cost might be higher this fall because this is a small project and a quick turn-around project. With the construction bid price, plus engineering cost and a contingency for moving existing sprinklers, we should consider the total cost to be in the range of $125,000. This is approximately $25,000 over our budget. If we were to rebid the project next year we would have staff time, publication cost and most likely higher prices in 2017. Once the trail is constructed in front of the new Mercy building, with this project, the trail would be complete from I-380 to just east of Edgewood Road.

Engineering recommends approval of a contract with Midwest Concrete.

If you have any questions please let me know.

2016 BOYSON TRAIL EXTENSION FROM N. 15TH AVENUE TO N. 12TH AVENUE
CONTRACT NO. 4089-16-03
CITY OF HIAWATHA
9/27/2016

					ENGINEER ESTIMATE		Midwest Concrete, Inc. Peosta, IA		Eastern Iowa Excavating & Concrete, LLC Cascade, IA		Boulder Contracting, LLC Grundy Center, IA		Rathje Construction Co. Marion, IA		Bid Average	
ITEM NO.	STD ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
1.	01100-01	Mobilization	1	LS	$ 6,000.00	$6,000.00	$5,000.00	$5,000.00	$8,500.00	$8,500.00	$5,000.00	$5,000.00	$64,000.00	$64,000.00	$20,625.00	$20,625.00
2.	01200-01	Traffic Control	1	LS	$ 3,000.00	$3,000.00	$1,000.00	$1,000.00	$1,650.00	$1,650.00	$5,000.00	$5,000.00	$1,430.00	$1,430.00	$2,270.00	$2,270.00
3.	01400-10	Removal of Existing Pavements, Driveways, Curb, and Gutter	194	SY	$ 10.00	$1,940.00	$10.00	$1,940.00	$12.00	$2,328.00	$13.00	$2,522.00	$15.00	$2,910.00	$12.50	$2,425.00
4.	01400-11	Removal of Existing Sidewalk	502	SY	$ 6.00	$3,012.00	$10.00	$5,020.00	$13.65	$6,852.30	$12.00	$6,024.00	$5.60	$2,811.20	$10.31	$5,176.88
5.	02000-01	Unclassified Excavation and Embankment	269	CY	$ 7.00	$1,883.00	$10.00	$2,690.00	$44.00	$11,836.00	$45.00	$12,105.00	$19.25	$5,178.25	$29.56	$7,952.31
6.	02100-50	Granular Subbase, 4"	1257	SY	$ 5.00	$6,285.00	$11.00	$13,827.00	$7.50	$9,427.50	$9.50	$11,941.50	$11.30	$14,204.10	$9.83	$12,350.03
7.	02600-23	Valve Box Adjustment	6	EA	$ 400.00	$2,400.00	$100.00	$600.00	$160.00	$960.00	$250.00	$1,500.00	$150.00	$900.00	$165.00	$990.00
8.	02700-01	Portland Cement Concrete Pavement, 8 In.	45	SY	$ 42.00	$1,890.00	$75.00	$3,375.00	$84.00	$3,780.00	$65.00	$2,925.00	$66.00	$2,970.00	$72.50	$3,262.50
9.	02700-01	Portland Cement Concrete Pavement, Red, 8 In.	53	SY	$ 85.00	$4,505.00	$150.00	$7,950.00	$95.00	$5,035.00	$100.00	$5,300.00	$91.00	$4,823.00	$109.00	$5,777.00
10.	02700-20	Portland Cement Concrete Entrance, 6 In.	77	SY	$ 44.00	$3,388.00	$55.00	$4,235.00	$57.50	$4,427.50	$65.00	$5,005.00	$45.00	$3,465.00	$55.63	$4,283.13
11.	02700-60	Portland Cement Concrete Curb and Gutter (Special)	61	LF	$ 32.00	$1,952.00	$35.00	$2,135.00	$33.50	$2,043.50	$40.00	$2,440.00	$35.00	$2,135.00	$35.88	$2,188.38
12.	02700-70	Portland Cement Concrete Sidewalk, 6 In.	1171	SY	$ 36.00	$42,156.00	$39.00	$45,669.00	$29.75	$34,837.25	$50.00	$58,550.00	$34.25	$40,106.75	$38.25	$44,790.75
13.	02700-75	Portland Cement Concrete Sidewalk Ramp	64	SY	$ 115.00	$7,360.00	$70.00	$4,480.00	$89.50	$5,728.00	$56.00	$3,584.00	$130.00	$8,320.00	$86.38	$5,528.00
14.	02700-99	Portland Cement Concrete Bus Pad, 6 In.	23	SY	$ 36.00	$828.00	$42.00	$966.00	$77.75	$1,788.25	$60.00	$1,380.00	$45.00	$1,035.00	$56.19	$1,292.31
15.	02900-10	Seeding, Fertilizing, and Mulching	1	LS	$ 800.00	$800.00	$4,000.00	$4,000.00	$6,650.00	$6,650.00	$4,500.00	$4,500.00	$4,500.00	$4,500.00	$4,912.50	$4,912.50
16.	02999-01	Remove and Relocate Existing Signs	3	EA	$ 200.00	$600.00	$100.00	$300.00	$150.00	$450.00	$250.00	$750.00	$120.00	$360.00	$155.00	$465.00
Totals						**$87,999.00**		**$103,187.00**		**$106,293.30**		**$128,526.50**		**$159,148.30**		**$124,288.79**

#1

DRAWINGS OF PROPOSED IMPROVEMENTS FOR

2016 BOYSON TRAIL EXTENSION FROM N. 15TH AVE TO N. 12TH AVE

IN THE CITY OF HIAWATHA, LINN COUNTY, IOWA

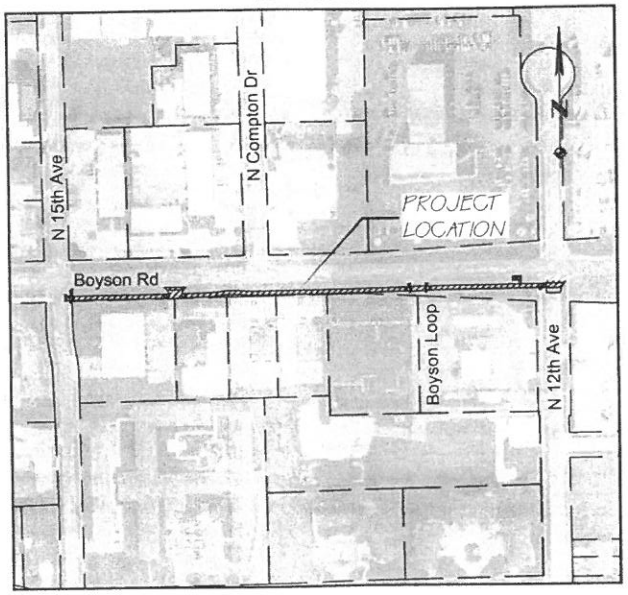
UTILITY AND EMERGENCY TELEPHONE NUMBERS

CITY OF HIAWATHA, IOWA

BLIC WORKS DEPARTMENT	(319)-393-1515
LICE DEPARTMENT	(319)-393-1212
EMERGENCY	911
RE DEPARTMENT	(319)-393-4180
EMERGENCY	911
TER DEPARTMENT	(319)-393-5556
NITARY AND STORM SEWER DEPARTMENT	(319)-393-6601
DAR RAPIDS TRANSIT DEPARTMENT	(319)-286-5573
RKS AND RECREATION	(319)-393-1515
WA ONE CALL (UTILITIES)	(800)-292-8989
D-AMERICAN ENERGY	(319)-298-5162
NTURY LINK (TELEPHONE)	
ENGINEER, WEST SIDE	(319)-399-7600
ENGINEER, EAST SIDE	(319)-399-7487
LIANT/I.E.S. INDUSTRIES (ELECTRIC, STEAM)	
INFORMATION	(319)-786-1908
DIACOM (CABLE TV)	
BUSINESS	(319)-395-9699 EXT 354
LOCATIONS	(800)-292-8989
NDSTREAM (TELEPHONE / CABLE TV)	
BUSINESS	(319)-538-1985
LOCATIONS	(800)-292-8989
ON (TELEPHONE / CABLE TV)	(319)-261-4640
UTHSLOPE (TELEPHONE / CABLE TV)	(319)-665-5312
WA NETWORK SERVICE	(319)-533-2319
MIDWEST	(319)-297-6765
NT COMMUNICATIONS NETWORK	(319)-286-5491
N COUNTY REC	(319)-377-1587
DAR RAPIDS AND IOWA CITY RAILWAY COMPANY	(800)-283-1540
WA DEPARTMENT OF TRANSPORTATION	
DISTRICT ENGINEER	(319)-364-0235
MAINTENANCE GARAGES	(319)-364-8189
N COUNTY ENGINEER	(319)-892-6400
N COUNTY MAINTENANCE	(319)-892-6420

LOCATION MAP

(NOT TO SCALE)



SHEET INDEX

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CITY CLERK: KELLY KORNEGOR
CITY ADMINISTRATOR: KIM DOWNS

COUNCIL PERSONS: AIME WICHTENDAHL
BOB RAMPULLA
DENNY NORTON
DICK OLSON
MARTY BRUNS

NOTE

THE PROPOSED IMPROVEMENTS INCLUDED IN THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE CEDAR RAPIDS METROPOLITAN AREA DESIGN STANDARDS MANUAL.

CITY OF HIAWATHA

THIS ENGINEERING DOCUMENT IS APPROVED FOR CONSTRUCTION

JOHN BENDER, CITY ENGINEER — DATE 9/7/16

LICENSED PROFESSIONAL ENGINEER MATTHEW G. JOHNSON 17666 IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signed: Matt Johnson Date: 9/7/16

Matthew G. Johnson, P.E. 17666
My license renewal date is December 31, 2016

Pages or sheets covered by this seal:
(Entire submission unless specified here)
A.01-A.02, B.01, C.01, C.20-C.21, D.01-D.02, J.01-J.02, K.01-K.02, S.01-S.04

CONTACT PERSON:

MATT JOHNSON, P.E.
1860 BOYSON ROAD
HIAWATHA, IOWA 52233
PH: (319) 362-9548
FAX: (319) 362-7595

Hiawatha!

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DRAWINGS OF PROPOSED IMPROVEMENTS FOR 2016 BOYSON TRAIL EXTENSION FROM N. 15TH AVE TO N. 12TH AVE
CAD File: I:\projects\4000\4080-16-03 2016 Boyson Trail Extension\DWG\P01\A.01 COVER.dwg Date Plotted: Sep 07 2016 - 5:45pm Plotted By: KHANKINS

DRAFT

RESOLUTION NO. 16-
City Council

RESOLUTION APPROVING AND MAKING AWARD OF CONTRACT
2016 BOYSON ROAD TRAIL EXTENSION PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, that the bid of Midwest Concrete Inc. of Peosta, Iowa in the amount of $103,187.00 for the construction of the 2016 Boyson Road Trail Extension Project is hereby accepted as the lowest responsible responsive bid received, and a contract is hereby awarded.

The contractor is hereby instructed to promptly execute the construction contract and return the same to the City Clerk along with all the supporting documents required therein, including surety bond covering work to be performed and proof of satisfactory insurance coverage.

That the City Engineer is thereafter directed to examine the contract for proper execution and all supporting documents, including surety bond and proof of insurance coverage to determine satisfactory compliance with contract specifications. If all documents are in order, the City Engineer shall approve the same in writing and place written approval on file in the office of the City Clerk.

That the Mayor and City Clerk are hereby authorized and directed to execute the contract for and on behalf of the City and upon execution the contract shall be in full force and effect.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 5th day of October, 2016.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk