F11a

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:** **April 28, 2016**

From: John Bender PE, City Engineer

Re: 2015 Sewer and Water Extension Project

Description: Approval of Partial Payment No. 2

Report:

See attached report from MSA Professional Services and partial payment No.2 to Ricklefs Excavating for 2015 Sewer and Water Extension Project. The contractor completed a lot of work in the last 2 months. The project is approximately 60% at this time.

Recommendation:

Engineering recommends approval of Partial Payment No. 2 to Ricklefs Excavating in the amount of $529,738.80.

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

PROJECT UPDATE | A Review of MSA Projects in Your Community

City of Hiawatha, IA

CLIENT LIAISONS:

Joe Elsinger, P.E.
Phone: 319-364-4773
Cell: 319-540-9115
jelsinger@msa-ps.com

Mat Saur, P.E.
Phone: 319-364-4773
Cell: 319-558.9847
msaur@msa-ps.com

DATE:

May 4th, 2016

2016 Water and Sewer Extension Construction

Construction on the sewer and water extension project is continuing. The contractor, Ricklefs Excavating LTD, has installed all 4,525 lineal feet of 8-inch sanitary force main, all 1,300 lineal feet of 8-inch and 12-inch gravity sewer and associated manholes from the lift station to south of County Home Road, and 5,400 lineal feet of watermain and associated hydrants and valves from the south end of the project to near County Home Road.

Edgewood Road from Brittany Circle to County Home Road was closed April 18th – April 26th for installation of a gravity sewer manhole per project plans. That work has been completed and the road closure has been ended.

Work over the next month will include testing out the sewer and water main then connecting the water main to the system and installation of piping and valves for the lift station. The contractor indicated that arrival of the package lift station building and generator is still two months out. Substantial Completion for the project is August 22nd and Final Completion is September 21st 2016.

Ricklefs has submitted for consideration **Pay Application #2** in the amount of **$529,738.80** for sanitary sewer and lift station construction to date. This pay app is for piping work done to date as well as **Change Order #1** for trench stabilization which was approved at the March 2nd Council Meeting. Note that the size of this pay application is due to no pay application submitted by the contractor since February. MSA has reviewed quantities and recommends payment. Find attached the pay application.

If you have any questions about this project please don't hesitate to contact us.

Thank you,

Joe Elsinger, P.E.

Contractor's Application For Payment No. 2

To (Owner): City of Hiawatha	Application Period: 2/24/2016 - 4/30/2016	Application Date: 4/30/2016
Project: Hiawatha Water and Sewer Extension	From (Contractor): Ricklefs Excavating, Inc.	Notice to Proceed Date: 12/21/2015
	Contract: ---	Via (Engineer)
Owner's Contract No.: 07808006	Contractor's Project No.:	Engineer's Project No.: 07808006

Application for Payment

Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	$7,272.00	
TOTALS	$7,272.00	$0.00
NET CHANGE BY CHANGE ORDERS	$7,272.00	

1. ORIGINAL CONTRACT PRICE	$	1,282,379.00
2. Net change by Change Orders	$	7,272.00
3. CURRENT CONTRACT PRICE (Line 1 ± 2)	$	1,289,651.00
4. TOTAL COMPLETED AND STORED TO DATE (Column G on Progress Estimate)	$	835,548.79
5. RETAINAGE:		
a. 5 % x $____ Work Completed	$	41,777.44
b. 5 % x $____ Stored Material	$	0.00
c. Total Retainage (Line 5a + Line 5b)	$	41,777.44
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	$	793,771.35
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	264,032.55
8. AMOUNT DUE THIS APPLICATION	$	**529,738.80**
9. BALANCE TO FINISH, PLUS RETAINAGE (Column I on Progress Estimate + Line 5 above)	$	495,879.65

Contractor's Certification

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: Date:

Payment of: $____ 529,738.80
(Line 8 or other - attach explanation of other amount)

is recommended by: (Engineer) 4-27-16 (Date)

Payment of: $____ 529,738.80
(Line 8 or other - attach explanation of other amount)

is approved by: (Owner) (Date)

Approved by: Not Applicable
Funding Agency (if applicable) (Date)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

rogress Estimate

Contractor's Application

(contract) Hiawatha Water and Sewer Extension

Application Number: 2

pplication Period:

Application Date:

		A			B	C	D	E	F	G	H	I
						Work Completed			Materials Presently Stored	Total Completed and Stored to Date		Balance to Finish
ID ITEM NO.	STD ITEM NO.	DESCRIPTION	QTY	UNIT PRICE	EXTENSION	From Previous Application	Quantity this Period	Value this Application	(not in C or D)	$ (C + E + F)	% (G / B)	(B - G)
1	01100-01	Mobilization	1	$ 30,000.00	$ 30,000.00	$9,900.00	0.35	$10,500.00	$0.00	$20,400.00	0.68	$9,600.00
2	01100-10	Construction Survey	1	$ 5,000.00	$ 5,000.00	$1,500.00	0.40	$2,000.00	$0.00	$3,500.00	0.70	$1,500.00
3	01110-01	Trench Compaction Testing	1	$ 1,000.00	$ 1,000.00	$300.00	0.30	$300.00	$0.00	$600.00	0.60	$400.00
4	01110-02	Subgrade and Subbase Compaction Testing	1	$ 100.00	$ 100.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$100.00
5	01110-03	Concrete Maturity Testing for PCC Pavement	1	$ 10.00	$ 10.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$10.00
6	01200-01	Traffic Control	1	$ 2,850.00	$ 2,850.00	$0.00	0.50	$1,425.00	$0.00	$1,425.00	0.50	$1,425.00
7	01300-01	Temporary Erosion and Sediment Controls	1	$ 500.00	$ 500.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$500.00
8	01400-01	Clearing and Grubbing	1	$ 1,000.00	$ 1,000.00	$0.00	0.50	$500.00	$0.00	$500.00	0.50	$500.00
9	02000-00	Dewatering (Wet Well & Gravity Sewer)	1	$ 1,000.00	$ 1,000.00	$500.00	0.50	$500.00	$0.00	$1,000.00	1.00	$0.00
10	02000-02	Strip and Respread Topsoil	1	$ 1,000.00	$ 1,000.00	$100.00	0.00	$0.00	$0.00	$100.00	0.10	$900.00
11	02000-10	Rock Excavation	100	$ 45.00	$ 4,500.00	$5,445.00	0.00	$0.00	$0.00	$5,445.00	1.21	-$945.00
12	02100-50	Granular Subbase (4" Macadam)	1,225	$ 5.00	$ 6,125.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$6,125.00
13	02200-20	Granular Backfill	2,300	$ 13.00	$ 29,900.00	$5,174.00	374.83	$4,872.79	$0.00	$10,046.79	0.34	$19,853.21
14	02300-01	Sanitary Sewer Gravity Main: 6" DIA PVC Truss, Open Cut	21	$ 40.00	$ 840.00	$0.00	21.00	$840.00	$0.00	$840.00	1.00	$0.00
15	02300-01	Sanitary Sewer Gravity Main: 8" DIA PVC Truss, Open Cut	2,891	$ 42.00	$ 121,422.00	$38,010.00	179.00	$7,518.00	$0.00	$45,528.00	0.37	$75,894.00
16	02300-01	Sanitary Sewer Gravity Main: 12" DIA D.I. Pipe, Open Cut	194	$ 78.00	$ 15,132.00	$0.00	194.00	$15,132.00	$0.00	$15,132.00	1.00	$0.00
17	02300-01	Sanitary Sewer Gravity Main: 8" DIA PVC C900 CertaLok (or equal), Directionally Drilled	235	$ 100.00	$ 23,500.00	$0.00	135.00	$13,500.00	$0.00	$13,500.00	0.57	$10,000.00
18	02300-01	Sanitary Sewer Gravity Main: 12" DIA PVC Truss, Open Cut	60	$ 50.00	$ 3,000.00	$3,000.00	0.00	$0.00	$0.00	$3,000.00	1.00	$0.00
19	02300-20	Sanitary Sewer Manholes (4' Inside DIA)	15	$ 3,500.00	$ 52,500.00	$14,000.00	3.00	$10,500.00	$0.00	$24,500.00	0.47	$28,000.00
20	02300-30	Sanitary Sewer Force Main: 8" DIA PVC C900 CertaLok (or equal), Directionally Drilled	4,525	$ 34.00	$ 153,850.00	$0.00	4,525.00	$153,850.00	$0.00	$153,850.00	1.00	$0.00
21	02300-30	Sanitary Sewer Force Main (8" Plug Valve)	1	$ 2,650.00	$ 2,650.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$2,650.00
22	02300-50	Core Drill Connection to Existing Sanitary Sewer Manhole	1	$ 400.00	$ 400.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$400.00
23	02400-20	Culvert Pipe: 24" DIA CMP Storm Sewer, Salvage and Reinstall	65	$ 10.00	$ 650.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$650.00
24	02400-20	Culvert Pipe: 18" DIA CMP Storm Sewer	10	$ 30.00	$ 300.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$300.00
25	02400-20	Culvert Pipe: 36" DIA CMP Storm Sewer	78	$ 55.00	$ 4,290.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$4,290.00
26	02500-01	Water Main: 12" DIA PVC C900 CertaLok (or equal), (Directionally Drilled)	5,600	$ 50.00	$ 280,000.00	$0.00	5,400.00	$270,000.00	$0.00	$270,000.00	0.96	$10,000.00
27	02500-01	Water Main: 6" DIA Ductile Iron Hydrant Lead	145	$ 70.00	$ 10,150.00	$0.00	140.00	$9,800.00	$0.00	$9,800.00	0.97	$350.00
28	02500-20	Furnish and Install 12" Valve and Box	10	$ 1,800.00	$ 18,000.00	$0.00	9.00	$16,200.00	$0.00	$16,200.00	0.90	$1,800.00
29	02500-31	Blow-Off Assemblies: Furnish and Install Automatic Water Main Flushing Devise Eclipse #9800 or Equal	1	$ 4,000.00	$ 4,000.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$4,000.00
30	02500-50	Furnish and Install 6" Fire Hydrant and Valve	8	$ 3,650.00	$ 29,200.00	$0.00	8.00	$29,200.00	$0.00	$29,200.00	1.00	$0.00
31	02500-60	Disinfection and Hydrostatic Testing	1	$ 250.00	$ 250.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$250.00
32	02700-01	Portland Cement Concrete (PCC) Pavement (7" Min Thickness over 6" Class A Roadstone, Remove and Replace)	165	$ 55.00	$ 9,075.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$9,075.00
33	02700-20	Portland Cement Concrete (PCC) Driveway (6" Pavement over 6" of Compacted Class A Roadstone, Remove and Replace)	65	$ 50.00	$ 3,250.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$3,250.00
34	02750-01	Hot Mix Asphalt Concrete (ACC) Pavement (4" ACC Over 6" of Compacted Class A Roadstone, Remove and Replace)	215	$ 35.00	$ 7,525.00	$0.00	106.00	$3,710.00	$0.00	$3,710.00	0.49	$3,815.00
35	02800-40	Aggregate Surfacing (6" Class A Roadstone for Lift Station Driveway)	1,160	$ 6.00	$ 6,960.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$6,960.00
36	02850-01	Pavement Markings, Paint	1	$ 1,350.00	$ 1,350.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$1,350.00
37	02900-01	Imported Topsoil (contingency)	50	$ 12.00	$ 600.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$600.00
38	02900-12	Hydroseeding with Liquid Mulch Binder	1	$ 10,000.00	$ 10,000.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$10,000.00
39	02910-01	Plantings (Ivory Halo Dogwood (Cornus Alba Bailhalo'))	9	$ 250.00	$ 2,250.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$2,250.00
40	02910-01	Plantings (Compact American Cranberry Viburnum (Viburnum Trilobum 'Bailey Compact'))	9	$ 250.00	$ 2,250.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$2,250.00
41	02950-01	Fencing: Black Vinyl Chain Link Fencing (8' High)	150	$ 30.00	$ 4,500.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$4,500.00
42	02950-10	Gates (20' Lift Station Access Gate)	1	$ 1,500.00	$ 1,500.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$1,500.00
43	-	Package Lift Station (See Specifications for Complete List)	1	$400,000.00	$ 400,000.00	$200,000.00	0.00	$0.00	$0.00	$200,000.00	0.50	$200,000.00
44	16010-00	Electrical (Lift Station Electrical Service)	1	$ 30,000.00	$ 30,000.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$30,000.00
)-1					$ 7,272.00			$7,272.00		$7,272.00		$0.00
		Totals			$ 1,282,379.00	#########		$557,619.79		$835,548.79		$454,102.21

pared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

FIELD REPORT

Pulling 12" PVC Watermain
(Thursday)

DRAFT

RESOLUTION NO. 16-
City Council

RESOLUTION APPROVING PARTIAL PAY ESTIMATE #2
FY 2015 Water and Sewer Extension Project

WHEREAS, the City Council of the City of Hiawatha, Iowa, has contracted for the FY 2015 Water and Sewer Extension Project with Ricklefs Excavating, Ltd., of Anamosa, Iowa, and

WHEREAS, application for Partial Pay Estimate #2 (two) in the amount of $529,738.80 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 #2 for the FY 2015 Water and Sewer Extension Project, and direct City Clerk to make payment to Ricklefs Excavating, Ltd. of Anamosa, Iowa, in the amount of $529,738.80.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 4th day of May, 2016.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk