F10b

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 5, 2017**

From: John C Bender PE, City Engineer

Re: **Emmons Street/NCPR/Robins Road Phase I Utility Project**

Description: **Change Order #6 (Balancing Change Order)**

Report:

Change Order #6: This change order #6 adjust all 66 bid items in the contract to the final measured quantities. All items were measured as adjusted in the field and the final quantities are itemized in the attached spreadsheet. The final adjusted quantities and costs total a deduction of $27,474.40.

Engineering recommends approval of change order No 6 for a cost deduction of $27,474.40.

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

CHANGE ORDER NO. 6
Balancing Change Order

PROJECT: EMMONS STREET/NORTH CENTER POINT ROAD/ROBINS ROAD INTERSECTION IMPROVEMENTS PHASE I-UTILITY PACKAGE

DATE: May 17, 2016

CONTRACTOR: Ricklefs Excavating, Ltd
Anamosa, Iowa

ORIGINAL CONTRACT AMOUNT: $ 810,269.93

ORIGINAL CONTRACT COMPLETION DATE: August 19, 2016

ITEM #1.8: **ADD NEW ITEM-** Change order #6 to balance items #1 through item #63 to the final measured qualities itemized on attached balance sheet. Lump sum cost of ($27,474.40)

CHANGES IN SCHEDULE: No additional time change for this change order.

CHANGE ORDER No. 6 SUMMARY:

Item No.	Description	Unit	Unit Price	Quantity	Total Amount
1.8	Balancing change order items #1 through #63	LS	($27,474.40)	1	($27,474.40)
				Subtotal:	$

Change Order No. 6 Cost: ($27,474.40)

Ricklefs Excavating, Ltd.

By: _____

Title: _____

Date: _____

Attest

By: _____

Title: _____

Date: _____

City of Hiawatha, Iowa

By: _____

Title: _____

Date: _____

APPLICATION FOR PAYMENT
Balance Change Order #6

Project: EMMONS STREET / NORTH CENTER POINT ROAD / ROBINS ROAD INTERSECTION INTERSECTION IMPROVEMENTS, PHASE 1 - UTILITY PACKAGE
HIAWATHA, LINN COUNTY , IOWA
Contractor: RICKLEFS EXCAVATING LTD
Engineer: Shive Hattery INC.
Revised Contract Amount:
Date: February 5, 2017

Item	Item Description	Units	Plan Quantities	Bid Prices		Change Order #1		Change Order #2		Change Order #3		Change Order #4		Change Order #5				Final Paid Quantities and Cost		Total Adjusted Quantities and Cost Change order #6	
				Unit Price	Total	QTY	Amount	QTY	Amount	QTY	Amount	QTY	Amount	QTY	Amount			Quantity	Amount	Quantity	Amount
1	MOBILIZATION	LS	1.00	$125,000.00	$125,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$125,000.00	0.00	$0.00
2	CONSTRUCTION SURVEY	LS	1.00	$5,000.00	$5,000.00	0.36	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	1800.00	1.36	$6,800.00	0.00	$0.00
3	TRENCH COMPACTION TESTING	LS	1.00	$500.00	$500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$500.00	0.00	$0.00
4	SUBGRADE AND SUBBASE COMPACTION TESTING	LS	1.00	$100.00	$100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$100.00	0.00	$0.00
5	CONCRETE MATURITY TESTING FOR PCC PAVEMENT	LS	1.00	$500.00	$500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$500.00	0.00	$0.00
6	TRAFFIC CONTROL	LS	1.00	$12,000.00	$12,000.00	0.08	950.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	950.00	1.08	$12,950.00	0.00	$0.00
7	TEMPORARY PAVEMENT MARKINGS AND SYMBOLS	LS	1.00	$1,400.00	$1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$1,400.00	0.00	$0.00
8	SILT FENCE	LF	430.00	$2.00	$860.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	385.00	$770.00	45.00	($90.00)
9	INLET PROTECTION, FILTER SOCK	EA	2.00	$25.00	$50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.00	$1,275.00	(49.00)	$1,225.00
10	TEMPORARY SEEDING, FERTILIZING, AND MULCHING	SY	1,433.00	$0.25	$358.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00	1,433.00	($358.25)
11	CLEARING AND GRUBBING	LS	1.00	$4,000.00	$4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$4,000.00	0.00	$0.00
12	REMOVAL OF EXIST.PAVT. & CURB AND GUTTER	SY	1,498.00	$6.00	$8,988.00	0.00	0.00	(60.00)	(360.00)	(209.33)	(1256.00)	0.00	0.00	0.00	0.00	(269.33)	(1616.00)	1505.40	$9,032.40	(276.73)	$1,660.40
13	REMOVAL OF EXISTING SIDEWALK	SY	356.00	$7.00	$2,492.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	396.80	$2,777.60	(40.80)	$285.60
14	REMOVAL OF EXISTING RETAINING WALL	LF	212.00	$3.00	$636.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00	212.00	($636.00)
15	REMOVAL OF EXIST. SAN. SEWERS STRUCTURES	EA	1.00	$300.00	$300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$300.00	0.00	$0.00
16	REMOVAL OF EXIST. SAN. SEWER PIPE	LF	78.00	$3.00	$234.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.00	$213.00	7.00	($21.00)
17	REMOVAL OF TRAFFIC SIGN	EA	1.00	$300.00	$300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$300.00	0.00	$0.00
18	REMOVAL AND RELOCATION OF TRAFFIC SIGN	EA	1.00	$250.00	$250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$250.00	0.00	$0.00
19	REMOVAL AND RELOCATION OFFLAG POLE	EA	1.00	$250.00	$250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$250.00	0.00	$0.00
20	REOMOVAL OF FIRE HYDRANT	EA	7.00	$200.00	$1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	$1,400.00	0.00	$0.00
21	REMOVAL OF EXISTING VALVES	EA	21.00	$150.00	$3,150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	$1,500.00	11.00	($1,650.00)
22	REMOVAL OF EXISTING WATER MAIN	LF	1,510.00	$0.10	$151.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00	1,510.00	($151.00)
23	REMOVAL OF FENCE	LF	629.00	$2.00	$1,258.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	80.00	0.00	0.00	40.00	80.00	385.00	$770.00	284.00	($568.00)
24	REMOVAL OF TRAFFIC SIGNAL	EA	1.00	$7,000.00	$7,000.00	(1.00)	(7000.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.00)	(7000.00)	0.00	$0.00	0.00	$0.00
25	UNCLASSIFIED EXCAVATION OF ANDEMBANKMENT	CY	230.00	$10.00	$2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.00	$2,300.00	0.00	$0.00
26	SRTIP AND RESPREAD TOPSOIL	SY	2,653.00	$1.00	$2,653.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2653.00	$2,653.00	0.00	$0.00
27	BORROW	CY	1,630.00	$8.00	$13,040.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1630.00	$13,040.00	0.00	$0.00
28	SUBGRADE STABILIZATION WITH SUITABLE SOILS	CY	391.00	$10.00	$3,910.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285.00	$2,850.00	106.00	($1,060.00)
29	GRANNULAR SUBBASE, 6"	SY	2,420.00	$6.00	$14,520.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2334.00	$14,004.00	86.00	($516.00)
30	SANITARY SEWER GRAVITY MAIN, 10"	LF	538.00	$50.00	$26,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	538.00	$26,900.00	0.00	$0.00
31	SANITARY SEWER GRAVITY MAIN, 8"	LF	67.00	$50.00	$3,350.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.00	$3,350.00	0.00	$0.00
32	SANITARY SEWER CLEANOUT	EA	1.00	$300.00	$300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$300.00	0.00	$0.00
33	SANITARY SEWER SERVICES, 6"	EA	2.00	$1,100.00	$2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	$2,200.00	0.00	$0.00
34	SANITARY SEWER MANHOLES, SW301, 48"	EA	2.00	$4,000.00	$8,000.00	1.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	4000.00	3.00	$12,000.00	0.00	$0.00
35	SANITARY SEWER MANHOLES, SW301, 72""	EA	1.00	$7,000.00	$7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	$7,000.00	0.00	$0.00
36	STORM SEWER, RCP, 15"	LF	83.00	$80.00	$6,640.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	2400.00	0.00	0.00	30.00	2400.00	113.00	$9,040.00	0.00	$0.00
37	SUBDRAIN, 6"	LF	974.00	$11.00	$10,714.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	974.00	$10,714.00	0.00	$0.00
38	SUBDRAIN CLEANOUT	EA	7.00	$750.00	$5,250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	$4,500.00	1.00	($750.00)
39	FLARED END SECTIONS, RCP, 15"	EA	2.00	$2,000.00	$4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2000.00	0.00	0.00	1.00	2000.00	3.00	$6,000.00	0.00	$0.00
40	STORM SEWER INTAKE, SW-508	EA	2.00	$3,200.00	$6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	$6,400.00	0.00	$0.00
41	WATER MAIN, PVC, 8"	LF	435.00	$25.00	$10,875.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	859.00	$21,475.00	(424.00)	$10,600.00
42	WATER MAIN, DIP WITH GASKET, 8"	LF	2,661.00	$60.00	$159,660.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1672.30	$100,338.00	988.70	($59,322.00)
43	WATER VALVES	EA	33.00	$1,500.00	$49,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	$39,000.00	7.00	($10,500.00)
44	FITTINGS FOR WATER DISTRIBUTION SYSTEMS	LB	4,165.00	$2.00	$8,330.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3445.00	$6,890.00	720.00	($1,440.00)
45	BLOW-OFF ASSEMBLIES	EA	2.00	$300.00	$600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	$900.00	(1.00)	$300.00
46	WATER SERVICES (1 1/2), TYPE K, COPPER	EA	2.00	$1,650.00	$3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	$3,300.00	0.00	$0.00
47	FURNISH AND INSTALL FIRE HYDRANT	EA	10.00	$4,000.00	$40,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	$36,000.00	1.00	($4,000.00)
48	REVETMENT, CLASS D	SF	45.00	$3.00	$135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209.75	$629.25	(164.75)	$494.25
49	CAST- IN- PLACE CONCRETE	CY	168.00	$250.00	$42,000.00	0.00	0.00	(14.00)	(3500.00)	0.00	0.00	0.00	0.00	0.00	0.00	(14.00)	(3500.00)	200.75	$50,187.50	(46.75)	$11,687.50
50	PCC PAVEMENT, 7"	SY	1,955.00	$36.26	$70,888.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1776.90	$64,430.39	178.10	($6,457.91)
51	PCC DRIVEWAY, 6"	SY	227.00	$33.59	$7,624.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.90	$8,696.45	(31.90)	$1,071.52
52	PCC SIDEWALK, 4"	SY	203.00	$29.00	$5,887.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	383.90	$11,133.10	(180.90)	$5,246.10
53	PCC SIDEWALK RAMP	SY	35.00	$52.37	$1,832.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.00	$1,675.84	3.00	($157.11)
54	HMA TEMPORARY PAVEMENT	TON	323.00	$125.00	$40,375.00	0.00	0.00	(20.00)	(2500.00)	(60.00)	(7500.00)	0.00	0.00	0.00	0.00	(80.00)	(10000.00)	482.56	$60,320.00	(239.56)	$29,945.00
55	IMPORTED TOPSOIL	CY	49.00	$12.00	$588.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	1800.00	0.00	0.00	150.00	1800.00	199.00	$2,388.00	0.00	$0.00
56	HYDROSEEDING, WITH LIQUID MULCH BINDER	SY	1,433.00	$1.50	$2,149.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3358.00	$5,037.00	(1,925.00)	$2,887.50
57	CHAIN LINK FENCE, 4"	LF	170.00	$15.00	$2,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.00	$2,490.00	4.00	($60.00)
58	WOOD FENCE	LF	115.00	$20.00	$2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	800.00	0.00	0.00	40.00	800.00	164.00	$3,280.00	(9.00)	$180.00
59	FRANCHISE UTILITY CONDUIT, PVC, 2"	LF	4,586.00	$5.00	$22,930.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4470.00	$22,350.00	116.00	($580.00)
60	FRANCHISE UTILITY CONDUIT, PVC, 4"	LF	3,614.00	$6.00	$21,684.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3460.00	$20,760.00	154.00	($924.00)
61	FRANCHISE UTILITY CONDUIT, PCV, 6"	LF	1,807.00	$8.00	$14,456.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1730.00	$13,840.00	77.00	($616.00)
62	FRANCHISE UTILITY HANDHOLES, 24" X 36"	EA	10.00	$800.00	$8,000.00	(1.00)	(800.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.00)	(800.00)	5.00	$4,000.00	4.00	($3,200.00)
63	PERMANENT TRAFFIC SIGNS, WITH POSTS, PER PLAN	EA	5.00	$250.00	$1,250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	$1,250.00	0.00	$0.00
						Total	(1050.00)	Total	(6360.00)	Total	(8756.00)	Total	7080.00	Total	0.00						
	COMPUTED TOTAL BID (ITEMS 1 THROUGH 63) =			$810,269.93		1.1 1.2 1.3 Total	$11,100.00 $2,610.00 $720.00 $13,380.00	1.4 Total	$6,360.00 $0.00	1.5 Total	$8,756.00 $0.00	1.6 Total	$2,500.00 $9,580.00	1.7 Total	$2,846.20 $2,846.20			$773,709.54		($27,474.40)	

DRAFT

RESOLUTION NO. 17-
City Council

RESOLUTION APPROVING (BALANCING) CHANGE ORDER #6
FY 2015-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Project
(Project #2151330)

WHEREAS, the City Council of the City of Hiawatha, Iowa, contracted for the FY 2015-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Project with Ricklefs Excavating, Ltd. of Anamosa, Iowa, and

WHEREAS, the City Engineer has recommended (Balancing) Change Order #6 for the adjustment of contract quantities to the final measured amounts to develop the final contract price with a decrease of $27,474.40, bringing the total revised contract amount to $785,641.73, for the FY 2015-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Project, and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, to approve (Balancing) Change Order #6 for the FY 2015-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Project with a decrease in contract amount of $27,474.40, resulting in a revised total project contract amount of $785,641.73.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 15th day of February, 2017.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk