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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:** **July 14, 2016**

From: John C Bender PE, City Engineer

Re: **Industrial Avenue RISE Project**

Description: **Partial Payment #5 (FINAL)**

Report:

Attached you will find Partial Payment #5 and the final payment prepared by Anderson Bogert Engineers for the Industrial Avenue RISE Project. The contractor is now complete with the project. We will now ready to accept the project and make final payment. Anderson Bogert has prepared a summary that included:

Base Contract	$586,972.00
Change Orders	$ 35,429.25
Incentives	$ 7,000.00
Total Contract	$629,401.25

The total overrun for this project was only 6% with is good for a retrofit project with a lot of unknowns. The incentive was earned because the contractor beat the schedule for all 3 phases of the project. Again this project was funded at approximately 50% with RISE funds.

The process:

Accept the project
Pay all funds available except the 5% retainage ($13,885.67)
Pay the retainage according to state code after 30 days. ($31,470.06)

Engineering recommends approval of partial payment No 5 in (2) payments the amount of $ 45,355.73.

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

ANDERSON BOGERT

4001 River Ridge Drive NE
Cedar Rapids, IA 52402
Office: (319) 377-4629
Fax: (319) 377-8498

Memo

To:	Honorable Mayor and City Council
From:	Todd J. Happel, P.E., Project Manager
CC:	John Bender, P.E., City Engineer
Date:	July 5, 2016
Re:	Industrial Avenue Reconstruction (RISE) Project Project No. RM-3432(610)--9D-57

Description of Agenda Item:

Discussion and Approval of Pay Application No. 5 (Final).

Background:

Horsfield has completed the project and submitted all final paper work. This payment is for final payment of the final quantity adjustment change order, earned incentives and retainage.

Summary of Contract Amounts and Payments	
Original Contract Amount:	$586,972.00
Change Orders:	$35,429.25
Incentives Earned:	$7,000.00
Revised Contract Amount:	$629,401.25
Pay Application No. 5 (Final) Amount:	$45,355.73

Recommendation:

Engineering recommends approval of Pay Application No. 5 (Final) for payment in the amount of $45,355.73 to Horsfield Construction, Inc.

A breakdown between RISE grant eligible and non-eligible costs is shown on the pay application quantity sheet.

APPLICATION FOR PAYMENT
APPLICATION NO. 5 (Final)

Project: Industrial Avenue Reconstruction (RISE) Project
Project No. RM-3432(610)-9D-57

Contractor: Horsfield Construction Inc.

Owner: City of Hiawatha, Iowa

Original Contract Amount: $586,972.00

Revised Contract Amount: $622,401.25

Date: July 5, 2016

The Contractor noted above, in accordance with the provisions of the contract documents, hereby requests approval of this application for payment on the following estimates of contract work completed:

Change Orders:

Change Order No.	Date Approved	Amount
1	11/18/15	$6,079.35
2	4/6/16	$33,014.40
2 (correction)	7/05/16	$0.22
3	7/20/16	($3,664.72)
Total Change in Contract Amount from Change Orders		$35,429.25

Total Work Completed to Date	$	622,401.25
Retainage (5%)	$	0.00
Total Complete to Date Less Retainage	$	622,401.25
Less previous Payments	$	584,045.52
Incentive Payment	$	7,000.00
Current Payment Due	$	45,355.73

Distribution: Owner_____ Engineer_____ Contractor_____ Other_____

CONTRACTOR'S CERTIFICATION:

The undersigned Contractor certifies, to the best of the Contractor's knowledge, that the above information and estimated values of completed work covered on this Application for Payment have been completed in accordance with the provisions of the Contract Documents, that all amounts have been paid by the Contractor for work for which previous Applications for Payment have been made and payments received from the Owner, and that the current payment billing requested is now due.

Contractor's Authorized Representative:

By: _____ Date: _____

ENGINEER'S RECOMMENDATION:

In accordance with the provisions of the Contract Documents and based on the Engineer's onsite observations of the work included in this Application for Payment and based on the Engineer's review of this Application for Payment including the accompanying supporting data, and to the best of the Engineer's knowledge, information and belief, the work included in this Application for Payment is completed substantially in conformance with the Contract Documents and payment by the Owner is hereby recommended.

Engineer's Authorized Representative:

By: _____ Date: _____

CITY OF HIAWWATHA PAYMENT RECOMMENDATION:

Payment to the Contractor is hereby recommended based on the Application for Payment submitted by the Contractor and the Engineer's/Architect's recommendation.

City of Hiawatha Authorized Representative:

By: _____ Date: _____

ATTACHMENTS REQUIRED:

1. Line Item Schedule of Contract Values Summary, Amounts Completed This Period, and Amounts Completed To Date. Recommend use of AIA Document G703.
2. Line Item Schedule of Contract Materials Stored and Values (if applicable).

ACCOUNTING USE ONLY:

_____ - _____ - _____ $_____
_____ - _____ - _____ $_____
_____ - _____ - _____ $_____
_____ - _____ - _____ $_____
_____ - _____ - _____ $_____
_____ - _____ - _____ $_____

CITY OF HIAWATHA, IA
2015 INDUSTRIAL AVENUE RECONSTRUCTION (RISE) PROJECT
Project No. RM-3432(610)--9D-57
PAY APPLICATION NO. 5 (FINAL) - HORSFIELD CONSTRUCTION - thru June 30, 2016

				Division 1		Division 2			Division 1	Division 2
Item No.	Item Code	Description	Unit	Awarded Quantity	Quantity to Date	Awarded Quantity	Quantity to Date	Unit Price	Cost	Cost
1	01100-01	Mobilization	LS	1	1			$30,000.00	$30,000.00	$0.00
2	01100-10	Construction Surveys	LS	0.95	0.95	0.05	0.05	$5,500.00	$5,225.00	$275.00
3	01110-02	Subbase and Subgrade Testing	LS	1	1			$1,400.00	$1,400.00	$0.00
4	01110-03	Concrete Maturity Testing for PCC Pavement	LS	1	1			$250.00	$250.00	$0.00
5	01200-01	Traffic Control	LS	0.95	0.95	0.05	0.05	$9,000.00	$8,550.00	$450.00
6	01200-21	Temporary Pavement Patches, 6" Depth	SY	865	680			$24.00	$16,320.00	$0.00
7	01300-01	Temporary Erosion and Sediment Controls	LS	1	1			$1,200.00	$1,200.00	$0.00
8	01300-11	Filter Socks	LF	1600	1217			$2.25	$2,738.25	$0.00
9	01400-01	Clearing and Grubbing	LS	1	1			$1,000.00	$1,000.00	$0.00
10	01400-10	Removal of Existing Pavements, Driveways, Curb, and Gutter	SY	6446	6594			$5.25	$34,618.50	$0.00
11	01400-11	Removal of Existing Sidewalk	SY	90	91			$8.00	$728.00	$0.00
12	01400-11	Removal of Existing Trail	SY			25	24.4	$10.00	$0.00	$244.00
13	01400-40	Removal of Storm Sewer Structures	EA	2	2			$500.00	$1,000.00	$0.00
14	01400-41	Removal of Storm Sewer And Culvert Pipe	LF	149	149			$8.00	$1,192.00	$0.00
15	01400-60	Removal of Fire Hydrant	EA			3	3	$900.00	$0.00	$2,700.00
16	01400-61	Removal of Valves	EA			2	2	$300.00	$0.00	$600.00
17	01400-62	Removal of Existing Water Main	LF			100	100	$13.00	$0.00	$1,300.00
18	02000-01	Unclassified Excavation And Embankment	CY	1994	1994			$8.75	$17,447.50	$0.00
19	02000-02	Strip and Respread Topsoil	CY	188	188			$10.00	$1,880.00	$0.00
20	02100-01	Subgrade Preparation	SY	6210	7439			$1.00	$7,439.00	$0.00
21	02100-20	Subgrade Stablization with Crushed Rock Material	CY	207	757			$43.00	$32,551.00	$0.00
22	02100-21	Geogrid	SY	1240	4546			$2.25	$10,228.50	$0.00
23	02100-50	Modified Subbase	SY	6210	7439			$5.10	$37,938.90	$0.00
24	02300-40	Sanitary Sewer Point Repair	LF			20	20	$113.75	$0.00	$2,275.00
25	02400-01	Storm Sewer Main, 15" RCP	LF	126	105			$42.00	$4,410.00	$0.00
26	02400-01	Storm Sewer Main, 18" RCP	LF	161	142			$45.00	$6,390.00	$0.00
27	02400-01	Storm Sewer Main, 24" RCP	LF	869	823			$60.00	$49,380.00	$0.00
28	02400-01	Storm Sewer Main, 30" RCP	LF			44	40	$80.00	$0.00	$3,200.00
29	02400-10	Subdrain, 6"	LF	1360	1360			$12.25	$16,660.00	$0.00
30	02400-13	Subdrain Cleanouts	EA	2	2			$950.00	$1,900.00	$0.00
31	02400-30	Flared End Section, 30" RCP	EA			1	1	$1,250.00	$0.00	$1,250.00
32	02400-50	Storm Sewer Intake, SW-512 (24" Dia.)	EA	1	1			$1,000.00	$1,000.00	$0.00
33	02400-50	Storm Sewer Intake, SW-541	EA	1	1			$2,700.00	$2,700.00	$0.00
34	02400-50	Storm Sewer Intake, RA-3	EA	1	1			$2,000.00	$2,000.00	$0.00
35	02400-50	Storm Sewer Intake, RA-5	EA	9	7	1	1	$2,900.00	$20,300.00	$2,900.00
36	02400-50	Storm Sewer Intake, Curb & Apron, Double	EA	2	4			$2,700.00	$10,800.00	$0.00
37	02500-01	Water Main, 8" DIP	LF			90	90	$54.00	$0.00	$4,860.00
38	02500-20	Furnish And Install Valve And Box	EA			4	4	$1,300.00	$0.00	$5,200.00
39	02500-30	Fittings For Water Distribution Systems	LB			261	307	$7.00	$0.00	$2,149.00
40	02500-40	Water Services Reconnection	EA			2	2	$1,750.00	$0.00	$3,500.00
41	02500-51	Install Owner-Supplied Fire Hydrant	EA			3	3	$990.00	$0.00	$2,970.00
42	02500-60	Disinfection And Hydrostatic Testing	LS			1	1	$500.00	$0.00	$500.00
43	02600-02	Erosion Stone	CY			11	11	$60.00	$0.00	$660.00
44	02600-20	Adjustment of Existing Structures / Install Owner-Supplied Castings	EA			3	3	$400.00	$0.00	$1,200.00
45	02600-23	Valve Box Adjustment	EA			1	1	$130.00	$0.00	$130.00
46	02700-01	Portland Cement Concrete Pavement, 8"	SY	4048	3918			$32.00	$125,376.00	$0.00
47	02700-02	Portland Cement Concrete Pavement, Storm Crossing Reinforcement, 8"	SY	258	258			$36.00	$9,288.00	$0.00
48	02700-20	Portland Cement Concrete, Driveway, 6"	SY	672	785			$33.00	$25,905.00	$0.00
49	02700-20	Portland Cement Concrete, Driveway, 8"	SY	1109	1665			$37.00	$61,605.00	$0.00
50	02700-70	Portland Cement Concrete Sidewalk, 4"	SY	101	101			$30.00	$3,030.00	$0.00
51	02700-71	Portland Cement Concrete Trail, 5"	SY			25	24.4	$50.00	$0.00	$1,220.00
52	02700-75	Portland Cement Concrete Sidewalk Ramp, 6"	SY	47	48.5			$90.00	$4,365.00	$0.00
53	02700-76	Portland Cement Concrete Ramp Curb Cut, 24"	LF	23	30			$15.00	$450.00	$0.00
54	02700-81	PCC Crosswalk, Colored, 8"	SY			86	30.2	$65.00	$0.00	$1,963.00
55	02750-20	Hot Mix Asphalt Concrete Driveway, 6"	SY	141	0			$97.00	$0.00	$0.00
56	02800-10	Hot Mix Asphalt Concrete, Miscellaneous	TON	34	0			$190.00	$0.00	$0.00
57	02800-40	Aggregate Surfacing (Temporary)	TON	150	306			$19.00	$5,814.00	$0.00
58	02850-01	Pavement Markings, Painted	LS	1	1			$700.00	$700.00	$0.00
59	02900-01	Imported Top Soil	CY	335	326			$19.00	$6,194.00	$0.00
60	02900-03	Watering (Metered)	1000 GAL	12	6.36			$100.00	$636.00	$0.00
61	02900-10	Hydroseeding, Fertilizing, And Mulching	AC	0.6	0.7			$6,000.00	$4,200.00	$0.00
62	16570-95	Remove and Reinstall Permanent Traffic Signs, Per Plans	EA	8	8			$150.00	$1,200.00	$0.00
101	-	Granular Backfill	TON			115	115	$15.69	$0.00	$1,804.35
102	-	Sanitary Sewer Manhole Adjustment	EA			2	2	$2,000.00	$0.00	$4,000.00
103	-	Addition Traffic Control	EA			1	1	$275.00	$0.00	$275.00
104	-	Furnish And Adjust Valve Box	EA			1	2	$175.00	$0.00	$350.00
105	-	Sawcutting, Additional	LF			111	111	$3.75	$0.00	$416.25
I-1	-	Milestone 1 Incentive	DAY			8	8	$250.00	$0.00	$2,000.00
I-2	-	Milestone 2 Incentive	DAY			8	4	$250.00	$0.00	$1,000.00
I-3	-	Milestone 3 Incentive	DAY			8	8	$500.00	$0.00	$4,000.00

	Division 1	Division 2	Totals
Total to Date (per Division)	$576,009.65	$53,391.60	$629,401.25
Retainage 0% (per Division)	$0.00	$0.00	$0.00
Adjusted Total To Date (per Division)	$576,009.65	$53,391.60	$629,401.25
Previous Payments (per Division)	$540,368.94	$43,676.58	$584,045.52
Total this Pay Application (Final)	**$35,640.71**	**$9,715.02**	**$45,355.73**

DRAFT

RESOLUTION NO. 16-
City Council

RESOLUTION APPROVING (FINAL) PAY ESTIMATE #5
FY 2015 Industrial Avenue from Boyson Road to North End Pavement Reconstruction / Storm Sewer Improvements RISE Grant Project
(Project #RM-3432(610)-9D-57)

WHEREAS, the City Council of the City of Hiawatha contracted with Horsfield Construction, Inc. for the FY 2015 Industrial Avenue from Boyson Road to North End Pavement Reconstruction / Storm Sewer Improvements RISE Grant Project, and

WHEREAS, application for (Final) Pay Estimate #5 (five) in the amount of $45,355.73 has been received in the Clerk's Office, and

WHEREAS, the City Engineer has certified that said project has been completed in compliance with the plans and specifications and recommended payment of the Final Pay Estimate, and

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, hereby accepting the FY 2015 Industrial Avenue from Boyson Road to North End Pavement Reconstruction / Storm Sewer Improvements RISE Grant Project, constructed by Horsfield Construction, Inc., approving application for (Final) Pay Estimate #5 and directing City Clerk to make payment to Horsfield Construction, Inc., of Epworth, Iowa, in the amount of $13,885.67 immediately. Five (5) percent retainage in the amount of $31,470.06 will be released after thirty (30) days has elapsed from the date of acceptance if no claims against the project are filed.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 20th day of July, 2016.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk