

16A

DATE May 20, 2019

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 43RD STREET AND CROCKER STREET SEWER SEPARATION, J & K CONTRACTING, LLC

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the 43rd Street and Crocker Street Sewer Separation, 07-2018-004, in accordance with the contract approved between J & K Contracting, LLC, Jeremy Feldmann, President, 10703 Justin Drive, Urbandale, IA 50322, under Roll Call No. 18-0233, of February 5, 2018, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$986,342.64 is the total cost, of which \$956,752.36 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$29,590.28 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

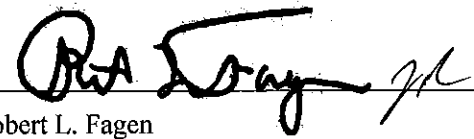
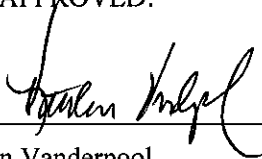
BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Sanitary - 11, Western Ingersoll Run Sewer Separation, SS139, Being: \$493,171.32 Sanitary Sewer Operating Funds, and \$493,171.32 Stormwater Operating Funds

★ Roll Call Number

Agenda Item Number

16 A

DATE May 20, 2019

COUNCIL ACTION	YEAS	NAYS	Pass	
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED		APPROVED		
				Mayor

CERTIFICATE

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk



PROJECT SUMMARY

43rd Street and Crocker Street Sewer Separation

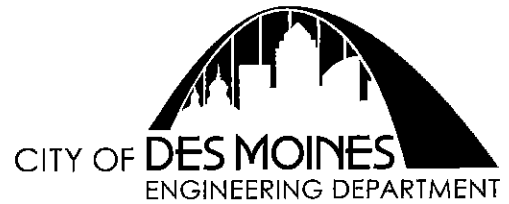
Activity ID 07-2018-004

On February 5, 2018, under Roll Call No. 18-0233, the Council awarded the contract for the above improvements to J & K Contracting, LLC, in the amount of \$884,202.78. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	8/29/2018 Change order item 1.01 is for revised temporary business signing. Items 1.02 and 1.04 are for unanticipated utility installations and repairs encountered during construction. Item 1.03 is to install new traffic detection loops removed with existing pavement. Item 1.05 is to install plastic pipe under new Hubbell Elementary sidewalk.	\$9,637.62
2	City	10/5/2018 Part A items adjust contract quantities to as-built quantities for 5) Subgrade Preparation, 6) Modified Subbase, and 7) Granular Backfill. Quantity overruns on these items are primarily due to full-depth pavement reconstruction along a portion of Chamberlain Avenue rather than mill & overlay as originally anticipated. Change Order Item 2.01 is to install fly ash along Crocker Street due to unsuitable existing subgrade conditions.	\$48,148.96
3	City	12/21/2018 Part 'A' items are to adjust contract quantities to as-built quantities. The primary adjustments include Item 8) installation of 15" sanitary sewer; Items 31, 32, and 33) HMA for full-depth paving in place of mill/fill along Chamberlain Ave as originally planned. Part 'B' items include the following: 3.01) furnish signs and sign posts for City-installation, 3.02) terminate fence opening at new sidewalk to Hubbell Elementary School from 42nd Street, and 3.03) liquidated damages.	\$32,582.78
4	City	1/29/2019 Adjust contract quantities to as-built quantities for items 42) Waterborne Pavement Markings and 43) Permanent Tape Pavement Markings.	\$11,770.50

Original Contract Amount	\$884,202.78
Total Change Orders	\$102,139.86
Percent of Change Orders to Original Contract	11.55%
Total Contract Amount	\$986,342.64

May 20, 2019



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 43rd Street and Crocker Street Sewer Separation, J & K Contracting, LLC.

SYNOPSIS:

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$986,342.64 As-Built Contract Cost

Funding Source: 2019-2020 CIP, Page Sanitary - 11, Western Ingersoll Run Sewer Separation, SS139, Being: \$493,171.32 Sanitary Sewer Operating Funds, and \$493,171.32 Stormwater Operating Funds

CERTIFICATION OF COMPLETION:

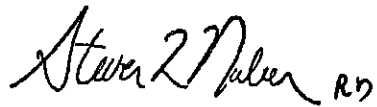
On February 5, 2018, under Roll Call No. 18-0233, the City Council awarded a contract to J & K Contracting, LLC, Jeremy Feldmann, President, 10703 Justin Drive, Urbandale, IA 50322 for the construction of the following improvement:

43rd Street and Crocker Street Sewer Separation, 07-2018-004

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 18-inches to 42-inches, manholes, intakes, pavement removal and scarification, Portland Cement Concrete (PCC) curb and gutter, Hot Mix Asphalt (HMA) overlay and full-depth paving, sidewalks, driveways, associated grading, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 589-001/046, located along Crocker Street from Chamberlain Avenue to 42nd Street, Chamberlain Avenue from Crocker Street to 200 feet east, and 43rd Street at Crocker Street, Des Moines, Iowa

I hereby certify that the construction of said 43rd Street and Crocker Street Sewer Separation, Activity ID 07-2018-004, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on May 14, 2018, and was completed on May 8, 2019.

I further certify that \$986,342.64 is the total cost of said improvement, of which \$956,752.36 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$29,590.28 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.

Handwritten signature of Steven L. Naber, P.E. in cursive script, followed by the initials "RN".

Steven L. Naber, P.E.
Des Moines City Engineer

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



FINAL QUANTITIES OF CONSTRUCTION COMPLETED
FROM 01/30/2019 TO 01/30/2019
FINAL PAYMENT (PARTIAL PAYMENT NO. 9)

PROJECT: 43RD STREET & CROCKER STREET SEWER SEPARATION
CONTRACTOR: J&K CONTRACTING, LLC

Activity ID: 07-2018-004
Date: 02/21/2019

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$11,000.00	\$11,000.00
2	CLEARING AND GRUBBING	UNIT	22.000	22.000	22.000	\$440.00	\$9,680.00
3	TOPSOIL, ON-SITE	CY	300.000	300.000	300.000	\$27.00	\$8,100.00
4	EXCAVATION, CLASS 13	CY	1,300.000	1,336.000	1,336.000	\$16.00	\$21,376.00
5	SUBGRADE PREPARATION	SY	3,938.000	4,333.000	4,333.000	\$4.00	\$17,332.00
6	SUBBASE, MODIFIED	SY	3,938.000	4,333.000	4,333.000	\$12.50	\$54,162.50
7	GRANULAR BACKFILL	TON	800.000	1,494.300	1,494.300	\$35.00	\$52,300.50
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 15 IN.	LF	20.000	60.000	60.000	\$420.00	\$25,200.00
9	SANITARY SEWER SERVICE RELOCATION	EA	2.000	2.000	2.000	\$4,500.00	\$9,000.00
10	REMOVAL OF SANITARY SEWER, 15 IN.	LF	20.000	27.000	27.000	\$30.00	\$810.00
11	STORM SEWER, TRENCHED, RCP, 18 IN.	LF	156.000	156.000	156.000	\$72.00	\$11,232.00
12	STORM SEWER, TRENCHED, RCP, 36 IN.	LF	114.000	114.000	114.000	\$142.02	\$16,190.28
13	STORM SEWER, TRENCHED, RCP, 42 IN.	LF	380.000	380.000	380.000	\$220.00	\$83,600.00
14	STORM SEWER, TRENCHLESS, RCP, 42 IN.	LF	129.000	129.000	129.000	\$1,102.00	\$142,158.00
15	REMOVAL OF STORM SEWER, LESS THAN 36 IN.	LF	40.000	40.000	40.000	\$30.00	\$1,200.00
16	SUBDRAIN, HDPE, 6 IN.	LF	1,045.000	941.000	941.000	\$16.00	\$15,056.00
17	SUBDRAIN CLEANOUT, PVC RISER, 6 IN.	EA	4.000	2.000	2.000	\$480.00	\$960.00
18	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 IN.	EA	10.000	9.000	9.000	\$430.00	\$3,870.00
19	VALVE BOX EXTENSION	EA	4.000	2.000	2.000	\$360.00	\$720.00
20	MANHOLE, SW-401, 48 IN.	EA	1.000	1.000	1.000	\$4,000.00	\$4,000.00
21	MANHOLE, SW-404	EA	2.000	2.000	2.000	\$18,000.00	\$36,000.00
22	INTAKE, SW-502, 84 IN.	EA	3.000	3.000	3.000	\$11,000.00	\$33,000.00
23	INTAKE, SW-505	EA	1.000	1.000	1.000	\$6,560.00	\$6,560.00
24	INTAKE, SW-506	EA	3.000	3.000	3.000	\$8,362.00	\$25,086.00
25	MANHOLE ADJUSTMENT, MINOR	EA	4.000	3.000	3.000	\$1,200.00	\$3,600.00
26	MANHOLE ADJUSTMENT, MAJOR	EA	2.000	2.000	2.000	\$3,000.00	\$6,000.00
27	CONNECTION TO EXISTING MANHOLE	EA	1.000	1.000	1.000	\$9,000.00	\$9,000.00
28	REMOVE MANHOLE	EA	1.000	1.000	1.000	\$1,800.00	\$1,800.00
29	REMOVE INTAKE	EA	3.000	3.000	3.000	\$700.00	\$2,100.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
30	CURB AND GUTTER, 2.5 FEET, PER PLAN	LF	1,405.000	1,641.000	1,641.000	\$26.00	\$42,666.00
31	PAVEMENT, HMA, BASE COURSE, STANDARD TRAFFIC, 3/4 IN. MIX	TON	522.000	612.200	612.200	\$102.00	\$62,444.40
32	PAVEMENT, HMA INTERMEDIATE COURSE, STANDARD TRAFFIC, 1/2 IN. MIX	TON	270.000	333.200	333.200	\$98.00	\$32,653.60
33	PAVEMENT, HMA SURFACE COURSE, STANDARD TRAFFIC, 1/2 IN. MIX, NO	TON	358.000	494.000	494.000	\$101.00	\$49,894.00
34	REMOVAL OF SIDEWALK	SY	377.000	352.000	352.000	\$13.00	\$4,576.00
35	REMOVAL OF DRIVEWAY	SY	128.000	127.000	127.000	\$13.00	\$1,651.00
36	SIDEWALK, PCC, 5 IN.	SY	484.000	521.000	521.000	\$40.00	\$20,840.00
37	SIDEWALK, PCC, 6 IN.	SY	42.000	42.000	42.000	\$132.00	\$5,544.00
38	DETECTABLE WARNING	SF	80.000	80.000	80.000	\$49.00	\$3,920.00
39	DRIVEWAY, PAVED, PCC, 6 IN.	SY	152.000	160.000	160.000	\$64.00	\$10,240.00
40	MILLING	SY	365.500	0.000	0.000	\$8.00	\$0.00
41	PAVEMENT REMOVAL	SY	3,822.000	4,181.000	4,181.000	\$11.00	\$45,991.00
42	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	6.100	12.100	12.100	\$245.00	\$2,964.50
43	PERMANENT TAPE MARKINGS	STA	1.160	7.300	7.300	\$1,635.00	\$11,935.50
44	SYMBOLS AND LEGENDS, PERMANENT PREFORMED TAPE	EA	2.000	2.000	2.000	\$764.00	\$1,528.00
45	TEMPORARY DELINEATORS	EA	5.000	0.000	0.000	\$163.00	\$0.00
46	SYMBOLS AND LEGENDS REMOVED	EA	2.000	0.000	0.000	\$245.00	\$0.00
47	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.500	1.000	1.000	\$4,364.00	\$4,364.00
48	SOD	SQ	80.000	80.000	80.000	\$115.00	\$9,200.00
49	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1.000	1.000	1.000	\$3,818.00	\$3,818.00
50	FILTER SOCK, 9 IN.	LF	1,397.000	476.000	476.000	\$1.60	\$761.60
51	FILTER SOCKS, REMOVAL	LF	1,397.000	476.000	476.000	\$0.60	\$285.60
52	STABILIZED CONSTRUCTION ENTRANCE	SY	335.000	0.000	0.000	\$11.00	\$0.00
53	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0.500	0.000	0.000	\$2,182.00	\$0.00
54	INLET PROTECTION DEVICE, DROP IN PROTECTION	EA	10.000	11.000	11.000	\$153.00	\$1,683.00
55	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 16 F	LF	39.000	24.000	24.000	\$92.00	\$2,208.00
56	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 6 FC	LF	37.000	61.000	61.000	\$54.00	\$3,294.00
57	MOBILIZATION	LS	1.000	1.000	1.000	\$21,293.00	\$21,293.00
58	MAINTENANCE OF POSTAL SERVICE	LS	1.000	0.000	0.000	\$5,000.00	\$0.00
59	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1.000	1.000	1.000	\$1,800.00	\$1,800.00
60	CONCRETE WASHOUT	LS	1.000	1.000	1.000	\$1,050.00	\$1,050.00
61	SUBSURFACE UTILITY LOCATES	EACH	2.000	3.000	3.000	\$1,000.00	\$3,000.00
62	TREE PROTECTION FENCE	LF	120.000	0.000	0.000	\$5.00	\$0.00
63	TREE TRUNK PROTECTION	EA	4.000	4.000	4.000	\$328.00	\$1,312.00
64	TROLLEY TRACK REMOVAL	LF	900.000	954.000	954.000	\$5.00	\$4,770.00
						SUBTOTAL:	\$966,780.48

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
CHANGE ORDER ITEMS							
1.01	TEMPORARY BUSINESS SIGNING	LS	0.000	1.000	1.000	\$687.50	\$687.50
1.02	ABANDON WATER SERVICE	LS	0.000	1.000	1.000	\$199.97	\$199.97
1.03	INSTALL PREFORMED TRAFFIC LOOPS	LS	0.000	1.000	1.000	\$6,138.00	\$6,138.00
1.04	NEW WATER SERVICE AND STOP BOX	LS	0.000	1.000	1.000	\$1,602.97	\$1,602.97
1.05	INSTALL PIPE UNDER NEW SIDEWALK	LS	0.000	1.000	1.000	\$1,009.18	\$1,009.18
2.01	FLY ASH	LS	0.000	1.000	1.000	\$17,330.96	\$17,330.96
3.01	FURNISH SIGNS & SIGN POSTS	LS	0.000	1.000	1.000	\$2,054.58	\$2,054.58
3.02	TERMINATE FENCE	LS	0.000	1.000	1.000	\$539.00	\$539.00
3.03	LIQUIDATED DAMAGES	LS	0.000	1.000	1.000	(\$10,000.00)	(\$10,000.00)
CHANGE ORDER ITEMS, SUBTOTAL							\$19,562.16

TOTAL EARNED TO DATE: \$986,342.64

TOTAL ORIGINAL CONTRACT AMOUNT	\$884,202.78		
APPROVED CHANGE ORDERS	\$102,139.86		
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS	\$986,342.64		
PARTIAL PAYMENT 01	\$141,230.64		
PARTIAL PAYMENT 02	\$143,807.35		
PARTIAL PAYMENT 03	\$233,431.86		
PARTIAL PAYMENT 04	\$213,501.66		
PARTIAL PAYMENT 05	\$53,709.92		
PARTIAL PAYMENT 06	\$127,714.49		
PARTIAL PAYMENT 07	\$23,992.25		
PARTIAL PAYMENT 08	\$19,364.19		
THIS PARTIAL PAYMENT	\$0.00		
TOTAL PARTIAL PAYMENTS	\$956,752.36		
BALANCE	\$29,590.28		
APPROXIMATE PERCENT COMPLETE	100.0%		

TOTAL	\$986,342.64
RETAINAGE	\$29,590.28
TOTAL LESS RETAINAGE	\$956,752.36
LESS PREVIOUS PAYMENT	\$956,752.36
AMOUNT DUE	\$0.00

PREPARED BY: Brett Lewis

CHECKED BY: Brian Brooks

CONTRACTOR: Elof

FINAL PAYMENT (PARTIAL PAYMENT NO. 9)

16A