

★ Roll Call Number

Agenda Item Number

9C

DATE February 9, 2015

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR SOUTH UNION STREET BRIDGE OVER YEADER CREEK REHABILITATION, CRAMER AND ASSOCIATES, INC.

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 South Union Street Bridge over Yeader Creek Rehabilitation, 12-2013-002, in accordance with the contract approved between Cramer and Associates, Inc., Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA 50111, under Roll Call No. 14-0504, of March 24, 2014, 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 \$317,226.80 is the total cost, of which \$300,271.31 has been paid the Contractor, and \$7,438.69 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$9,516.80 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 Interim 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:

Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

D. Ritter

Daniel E. Ritter
Interim Des Moines Finance Director

AC Funding Source: 2014-2015 CIP, Page Bridge - 15, South Union Street Bridge over Yeader Creek, BR049, G. O. Bonds

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
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

South Union Street Bridge over Yeader Creek Rehabilitation

Activity ID 12-2013-002

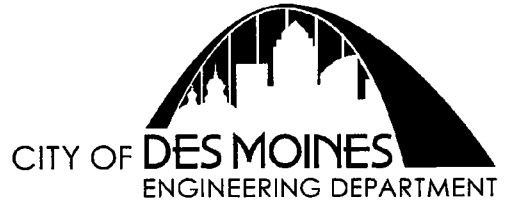
On March 24, 2014, under Roll Call No. 14-0504, the Council awarded the contract for the above improvements to Cramer and Associates, Inc., in the amount of \$296,383.40. Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Initiated By</u>	<u>Description</u>	<u>Amount</u>
1	Engineering	5/5/2014 Replace under-sized paving notches on both ends of bridge.	\$30,068.50
2	Engineering	1/20/2015 Adjustment of bid item quantities to as-built quantities. Contractor also installed sodding, curb and gutter, and sidewalk replacement.	\$(9,225.10)
Original Contract Amount			\$296,383.40
Total Change Orders			\$20,843.40
Percent of Change Orders to Original Contract			7.03%
Total Contract Amount			\$317,226.80

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February 9, 2015

CERTIFICATION OF COMPLETION



AGENDA HEADING:

Accepting completed construction and approving final payment for the South Union Street Bridge over Yeader Creek Rehabilitation, Cramer and Associates, Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$317,226.80 As-Built Contract Cost

Funding Source: 2014-2015 CIP, Page Bridge - 15, South Union Street Bridge over Yeader Creek, BR049, G. O. Bonds

CERTIFICATION OF COMPLETION:

On March 24, 2014, under Roll Call No. 14-0504, the City Council awarded a contract to Cramer and Associates, Inc., Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA 50111 for the construction of the following improvement:

South Union Street Bridge over Yeader Creek Rehabilitation, 12-2013-002

The improvement includes rehabilitation of the existing bridge superstructure and substructure including clearing and grubbing, Class 10 excavation for roadway and channel, topsoil furnish and spread, shoulder construction, bridge approach pavement, removals, excavation Class 20 and 21, structural concrete, pavement scarification, bridge deck repairs, galvanic corrosion protection, bridge deck overlay, epoxy reinforcing steel, epoxy crack injection, longitudinal grooving, PCC sidewalk, barrier rail, steel pedestrian handrails, approach pavement, manhole adjustment, safety closure, traffic control and changeable message boards, construction survey, erosion control, seeding and fertilizing, project sign and mobilization; all in accordance with the contract documents including Plan File Nos. 557-046/060, located on South Union Street over Yeader Creek between S.E. Kenyon Avenue and S.E. McKinley Avenue, Des Moines, Iowa

I hereby certify that the construction of said South Union Street Bridge over Yeader Creek Rehabilitation, Activity ID 12-2013-002, 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 April 3, 2014, and was completed on February 1, 2015.

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I further certify that \$317,226.80 is the total cost of said improvement, of which \$300,271.31 has been paid the Contractor and \$7,438.69 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$9,516.80 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.



Pamela S. Cooksey, P.E.
Des Moines City Engineer

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 06/21/2014 to 12/01/2014
PARTIAL PAYMENT NO. 3 FINAL

Proj No: N/A
Activity ID: 12-2013-002
12/1/2014

PROJECT: SOUTH UNION STREET BRIDGE OVER YEADER CREEK REHABILITATION
CONTRACTOR: CRAMER AND ASSOCIATES, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0001	CLEARING AND GRUBBING	ACRE	0.1	0.000	0.000	\$15,000.00	\$0.00
0002	TOPSOIL, FURNISH AND SPREAD	CY	45.0	8.000	8.000	\$30.00	\$240.00
0003	SHOULDER CONSTRUCTION, EARTH	STA	0.5	0.500	0.500	\$1,500.00	\$750.00
0004	PAVEMENT SCARIFICATION	SY	293.3	293.300	293.300	\$18.00	\$5,279.40
0005	BRIDGE APPROACH PAVEMENT, AS PER PLAN	SY	148.8	148.800	148.800	\$185.00	\$27,528.00
0006	PCC PAVEMENT. CLASS C, CLASS 3 DURABILITY, 7 IN.	SY	46.7	46.700	46.700	\$120.00	\$5,604.00
0007	REMOVALS, AS PER PLAN	LS	1.0	1.000	1.000	\$35,000.00	\$35,000.00
0008	STRUCTURAL CONCRETE (BRIDGE)	CY	22.4	22.400	22.400	\$2,200.00	\$49,280.00
0009	REINFORCING STEEL, EPOXY COATED	LB	10298.0	11984.000	11,984.000	\$1.00	\$11,984.00
0010	REMOVAL OF EXISTING HANDRAIL	LS	1.0	1.000	1.000	\$3,000.00	\$3,000.00
0011	LONGITUDINAL GROOVING IN CONCRETE	SY	424.5	424.500	424.500	\$6.00	\$2,547.00
0012	DECK REPAIR, CLASS A	SY	21.8	2.630	2.630	\$225.00	\$591.75
0013	DECK REPAIR, CLASS B	SY	3.3	1.200	1.200	\$550.00	\$660.00
0014	CONCRETE BARRIER RAILING	LF	256.0	256.000	256.000	\$60.00	\$15,360.00
0015	STEEL PIPE PEDESTRIAN HAND RAILING	LF	208.0	208.000	208.000	\$45.00	\$9,360.00
0016	ORNAMENTAL METAL RAILING	LF	256.0	256.000	256.000	\$140.00	\$35,840.00
0017	MANHOLE ADJUSTMENT, MINOR	EACH	1.0	1.000	1.000	\$1,200.00	\$1,200.00
0018	REMOVAL OF PAVEMENT	SY	193.5	193.500	193.500	\$10.00	\$1,935.00
0019	REMOVAL OF SIDEWALK	SY	65.2	72.040	72.040	\$10.00	\$720.40
0020	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	67.6	80.650	80.650	\$75.00	\$6,048.75
0021	SAFETY CLOSURE	EACH	2.0	2.000	2.000	\$100.00	\$200.00
0022	CONSTRUCTION SURVEY	LS	1.0	1.000	1.000	\$100.00	\$100.00
0023	TRAFFIC CONTROL	LS	1.0	1.000	1.000	\$5,000.00	\$5,000.00
0024	CHANGEABLE MESSAGE SIGNS, PORTABLE	CDAY	28.0	30.000	30.000	\$80.00	\$2,400.00
0025	MOBILIZATION	LS	1.0	1.000	1.000	\$26,000.00	\$26,000.00
0026	EPOXY CRACK INJECTION	LF	20.0	0.000	0.000	\$65.00	\$0.00
0027	GALVANIC CORROSION PROTECTION	LS	1.0	1.000	1.000	\$5,000.00	\$5,000.00
0028	PROJECT SIGN	LS	1.0	0.000	0.000	\$400.00	\$0.00
0029	WATERING FOR SEEDING	MGAL	76.0	0.000	0.000	\$60.00	\$0.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0030	MULCHING, WOOD CELLULOSE FIBER	ACRE	0.1	0.000	0.000	\$10,000.00	\$0.00
0031	SEEDING AND FERTILIZING (URBAN)	ACRE	0.1	0.000	0.000	\$10,000.00	\$0.00
0032	SILT FENCE	LF	200.0	0.000	0.000	\$3.50	\$0.00
0033	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	200.0	0.000	0.000	\$1.50	\$0.00
0034	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	280.0	0.000	0.000	\$3.50	\$0.00
0035B	DECK OVERLAY (CLASS HPC-O PCC) - ALTERNATE 'AA' OPTION 2	SY	293.3	293.300	293.300	\$100.00	\$29,330.00
CHANGE ORDERS							
1	1.01 REPLACE BRIDGE PAVING NOTCHES	LF	84.7	84.700	84.700	\$355.00	\$30,068.50
2	Adjust Final Quantities to 'As-Built'						
	2.01 Remove and replace curb and gutter	LS	-	1.000	1.000	\$2,200.00	\$2,200.00
	2.02 Sodding to replace seeding	LS	-	1.000	1.000	\$3,300.00	\$3,300.00
	2.03 Additional sidewalk removal	LS	-	1.000	1.000	\$150.00	\$150.00
	2.04 Replacement MH casting in approach slab	LS	-	1.000	1.000	\$550.00	\$550.00
ORIGINAL CONTRACT AMOUNT			\$296,383.40				
APPROVED CHANGE ORDERS 1 AND 2			\$20,843.40				
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$317,226.80				
PARTIAL PAYMENT NO. 1			\$98,771.61				
PARTIAL PAYMENT NO. 2			\$201,499.70				
THIS PARTIAL PAYMENT			\$7,438.69				
TOTAL PARTIAL PAYMENTS			\$307,710.00				
BALANCE			\$9,516.80				
PERCENT COMPLETE			100.0%				

PREPARED BY: *[Signature]*
 CHECKED BY: *[Signature]*
 CONTRACTOR ACCEPTANCE: *[Signature]*

TOTAL	\$317,226.80
RETAINAGE	\$9,516.80
TOTAL LESS RETAINAGE	\$307,710.00
LESS PREVIOUS PAYMENT	\$300,271.31
AMOUNT DUE	\$7,438.69

PARTIAL PAYMENT NO. 3 FINAL

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