



Roll Call Number

Agenda Item Number

16

DATE July 14, 2014

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR INTER-URBAN TRAIL BRIDGE REPAIR, 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 Inter-Urban Trail Bridge Repair, 11-2012-005, 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. 12-1664, of October 22, 2012, 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 \$306,475.25 is the total cost, of which \$274,694.45 has been paid the Contractor, and \$22,586.54 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$9,194.26 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 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

Scott E. Sanders
Des Moines Finance Director

JFB Funding Source: 2014-2015 CIP, Page Park - 9, Multi-Use Trails, PK045, G. O. Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
TOTAL				
MOTION CARRIED	APPROVED			

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.

Mayor

City Clerk

PROJECT SUMMARY

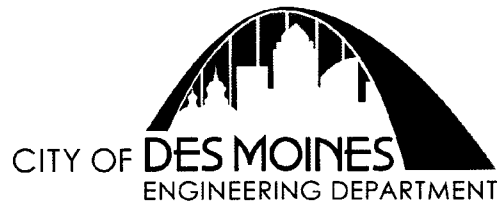
Inter-Urban Trail Bridge Repair

Activity ID 11-2012-005

On October 22, 2012, under Roll Call No. 12-1664, the Council awarded the contract for the above improvements to Cramer and Associates, Inc., in the amount of \$229,804.25. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	12/21/2012 Replace epoxy injection with polyurethane foam for cracking of steel pier jackets.	\$23,908.50
2	Engineering	1/2/2013 Additional polyurethane foam injection at Piers 4 and 5.	\$20,493.00
3	Engineering	1/16/2013 Adjust contract quantities to As-Built measurements.	\$18,516.30
4	Engineering	6/25/2014 Adjust final quantities to As-Built quantities	\$13,753.20
		Original Contract Amount	\$229,804.25
		Total Change Orders	\$76,671.00
		Percent of Change Orders to Original Contract	33.36%
		Total Contract Amount	\$306,475.25

July 14, 2014



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Inter-Urban Trail Bridge Repair, 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: \$306,475.25 As-Built Contract Cost

Funding Source: 2014-2015 CIP, Page Park - 9, Multi-Use Trails, PK045, G. O. Bonds

CERTIFICATION OF COMPLETION:

On October 22, 2012, under Roll Call No. 12-1664, 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:

Inter-Urban Trail Bridge Repair, 11-2012-005

The improvement includes trail bridge timber and steel repairs, replacement of timber bents with steel bents on the approach structure, epoxy grouting of the bridge piers, temporary HMA trail construction including earthwork, sodding, seeding, traffic control activities and incidental items; all in accordance with the contract documents, including Plan File Nos. 547-125/134, located on the Inter-Urban Trail Bridge over the Des Moines River (south of Euclid Avenue), Des Moines, Iowa

I hereby certify that the construction of said Inter-Urban Trail Bridge Repair, Activity ID 11-2012-005, 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 October 29, 2012, and was completed on July 8, 2014.

I further certify that \$306,475.25 is the total cost of said improvement, of which \$274,694.45 has been paid the Contractor and \$22,586.54 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$9,194.26 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.

Jeb E. Brewer, P.E.
Des Moines City Engineer



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 12/06/12 to 11/28/2013
PARTIAL PAYMENT NO. 2 - FINAL

IDOT Proj No: N/A
Activity ID: 11-2012-005
Date: 02/24/2014

PROJECT: INTERURBAN TRAIL BRIDGE REPAIRS
CONTRACTOR: CRAMER AND ASSOCIATES, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
BRIDGE ITEMS						
1	Removals, Per Plan	LS	1.000	1.000	1.000	\$25,000.00
2	Structural Steel	LB	13,259.000	13,259.000	13,259.000	\$36,462.25
3	Treated Lumber and Timber	MBF	0.350	0.350	0.350	\$1,575.00
4	Piles, Steel, HP10X57	LF	450.000	450.000	450.000	\$22,500.00
5	Mobilization	LS	1.000	1.000	1.000	\$20,000.00
6	Holes (For Pressure Grouting)	EA	141.000	141.000	141.000	\$35,250.00
7	Fence Post Base Plate Weld Repair	EA	2.000	2.000	2.000	\$1,000.00
8	Fence Rub Rail Anchorage Repair	EA	10.000	10.000	10.000	\$2,500.00
9	Fence Rub Rail Extensions	EA	1.000	1.000	1.000	\$700.00
10	Steel Rail Repair for Chain Link Fence	EA	5.000	5.000	5.000	\$3,500.00
11	Structural Steel Crack Repair	EA	2.000	3.000	3.000	\$600.00
12	Structural Steel Delamination and Weld Repair	EA	15.000	17.000	17.000	\$3,400.00
13	Epoxy Pile Jacket Grouting	GAL	60.000	60.000	60.000	\$49,800.00
TRAIL ITEMS						
14	Embankment, In-Place	CY	45.000	45.000	45.000	\$2,700.00
15	Top Soil, Strip and Spread	CY	44.000	44.000	44.000	\$2,640.00
16	Earth Shoulder Construction	STA	2.000	2.000	2.000	\$2,000.00
17	Removal of Recreational Trail	SY	66.100	66.100	66.100	\$1,983.00
18	Recreational Trail, HMA, 5"	SY	66.100	66.100	66.100	\$9,254.00
19	Safety Closure	EA	2.000	2.000	2.000	\$150.00
20	Traffic Control	LS	1.000	1.000	1.000	\$2,400.00
21	Tree Protection Plan	LS	1.000	1.000	1.000	\$500.00
22	Tree Protection Fence	LF	300.000	208.000	208.000	\$1,040.00
23	Seeding and Fertilizing	ACRE	1.000	0.000	0.000	\$0.00
24	Sodding	SQ	18.000	53.000	53.000	\$2,915.00
25	Silt Fence	LF	200.000	40.000	40.000	\$80.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	Approved Change Orders						
CO No. 1	1.01 Polyurethane Foam Injection Piers 1 and 3	GAL		35,000	35,000	\$683.10	\$23,908.50
CO No. 2	2.01 Polyurethane Foam Injection Piers 4 and 5	GAL		30,000	30,000	\$683.10	\$20,493.00
CO No. 3	3.01 Polyurethane For Pier 5	GAL		23,000	23,000	\$683.10	\$15,711.30
	3.02 Tammolastic Coating on Piers	LS		1,000	1,000	\$3,385.00	\$3,385.00
	12 Additional Structural Steel Crack Repair	EA		1,000	1,000		\$0.00
	22 Duct Tree Protection Fence	LF		-92,000	-92,000		\$0.00
	25 Duct Silt Fence	LF		-160,000	-160,000		\$0.00
CO No. 4	4.01 Polyurethane Foam Injection Pier 5	GAL		22,000	22,000	\$683.10	\$15,028.20
	12 Add Structural Steel Delamination and Repair	EA		2,000	2,000	\$200.00	\$0.00
	23 Duct Seeding and Fertilizing	ACRE		-1,000	-1,000	\$3,600.00	\$0.00
	24 Add Sodding	SQ		35,000	35,000	\$55.00	\$0.00
	ORIGINAL CONTRACT AMOUNT		\$229,804.25				
	CHANGE ORDERS AMOUNT - CO 1 THROUGH 4		\$76,671.00				
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$306,475.25				
	PARTIAL PAYMENT NO. 1		\$274,694.45				
	THIS PARTIAL PAYMENT		\$22,586.54				
	TOTAL PARTIAL PAYMENTS		\$297,280.99				
	BALANCE		\$9,194.26				
					TOTAL		\$306,475.25
					RETAINAGE (3%)		\$9,194.26
					TOTAL LESS RETAINAGE		\$297,280.99
					LESS PREVIOUS PAYMENT		\$274,694.45
					AMOUNT DUE		\$22,586.54

PREPARED BY: *[Signature]*

CHECKED BY: *[Signature]*

CONTRACTOR APPROVAL: *[Signature]*

PARTIAL PAYMENT NO. 2 - FINAL