



Roll Call Number

Agenda Item Number

13B

DATE July 25, 2011

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR S.E. 6TH STREET BRIDGE OVER THE DES MOINES RIVER 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 S.E. 6th Street Bridge over the Des Moines River Rehabilitation, 12-2007-006, 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. 09-2231, of December 7, 2009, 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 \$1,369,147.34 is the total cost, of which \$1,300,689.97 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 \$68,457.37 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 by AD
Kathleen Vanderpool
Deputy City Attorney

Scott E. Sanders
Des Moines Finance Director

Funding Source: 2011-2012 CIP, Page Bridge-17, Structural Repair - Corrosion Protection, BRV039, Being: Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COWNIE, COLEMAN, GRIESS, HENSLEY, MAHAFFEY, MEYER, MOORE, and TOTAL.

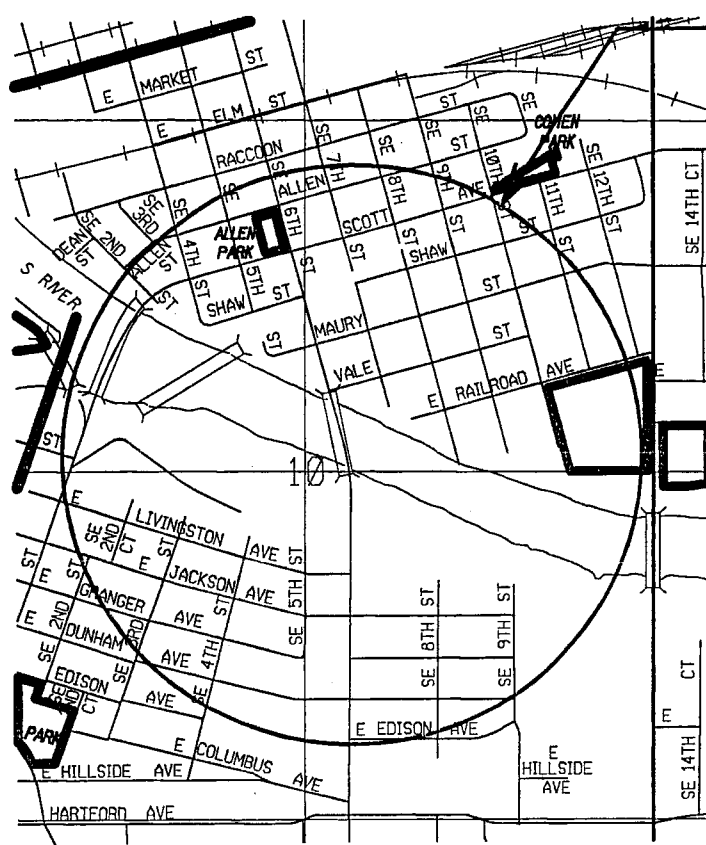
CERTIFICATE

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.

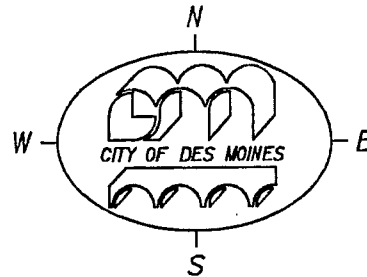
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED
Mayor

City Clerk



PROJECT
LOCATION



SE 6th STREET BRIDGE OVER
DES MOINES RIVER REHABILITATION
ACTIVITY I.D. 12-2007-006



PROJECT SUMMARY

S.E. 6th Street Bridge over the Des Moines River Rehabilitation

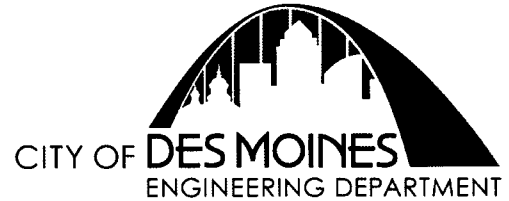
Activity ID 12-2007-006

On December 7, 2009, under Roll Call No. 09-2231, the Council awarded the contract for the above improvements to Cramer and Associates, Inc., in the amount of \$1,299,399.80. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	3/23/2011 Repair of Fleur Drive Bridge Finger expansion joint.	\$20,230.00
2	Engineering	4/1/2011 Repair of two expansion joints on Grand Ave Bridge with traffic control.	\$13,392.00
3	Engineering	4/15/2011 Removal and replacement of sidewalk on the East side of Fleur Drive Bridge for Qwest. Remove and replace bridge sidewalk at the NW corner of the SE 6th Street bridge over the Des Moines River.	\$8,986.00
4	Engineering	4/25/2011 Repairs to the NW, NE and SW Corners of the barrier rail on University Avenue Bridge over Keo. Traffic Control during repairs in Item 4.01. Repair to east barrier handrail on 6th Avenue Bridge.	\$14,582.00
5	Engineering	5/2/2011 Adjustment of quantities to as-built measurements.	\$12,557.54
Original Contract Amount			\$1,299,399.80
Total Change Orders			\$69,747.54
Percent of Change Orders to Original Contract			5.37%
Total Contract Amount			\$1,369,147.34

13B

July 25, 2011



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the S.E. 6th Street Bridge over the Des Moines River 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: \$1,369,147.34 As-Built Contract Cost

Funding Source: 2011-2012 CIP, Page Bridge-17, Structural Repair - Corrosion Protection, BRV039, Being: Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa

CERTIFICATION OF COMPLETION:

On December 7, 2009, under Roll Call No. 09-2231, 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:

S.E. 6th Street Bridge over the Des Moines River Rehabilitation, 12-2007-006

The improvement includes rehabilitation of the existing bridge superstructure and substructure including: concrete removal, bridge deck repair, steel pipe pedestrian rail, ornamental metal rail, concrete repair for deck underside, concrete repair for barrier rails, blast cleaning of structural steel, containment, paint waste transport and disposal, painting of structural steel, construction survey, mobilization, structural steel bolt replacement, structural steel crack repair, epoxy injection, expansion joint repairs, fill existing sidewalk fence post holes, bridge deck overlay repairs, clean and seal underside repairs, clean cover and seal underside repair, concrete waterproofing, project sign; all work in accordance with the contract documents including Plan File Nos. 508-144/177, on the S.E. 6th Street Bridge over the Des Moines River in Des Moines, Iowa

I hereby certify that the construction of said S.E. 6th Street Bridge over the Des Moines River Rehabilitation, Activity ID 12-2007-006, 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 March 29, 2010, and was completed on July 14, 2011.

I further certify that \$1,369,147.34 is the total cost of said improvement, of which \$1,300,689.97 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 \$68,457.37 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 05/20/2011 to 06/01/2011
PARTIAL PAYMENT NO. 6 - FINAL

Proj No: N/A
Activity ID: 12-2007-006
6/1/2011

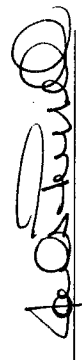
PROJECT: S.E.6TH STREET OVER DES MOINES RIVER REHABILITATION
CONTRACTOR: CRAMER AND ASSOCIATES, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
0001	Removals, as Per Plan	LS	1.000	1.000	1.000	\$22,000.00	\$22,000.00	
0002	Bridge Deck Repair, Cl A	SY	1.300	1.300	1.510	\$700.00	\$1,057.00	
0003	Steel Pipe Pedestrian Handrail	LF	1,697.500	1,697.500	1,697.500	\$18.00	\$30,555.00	
0004	Ornamental Metal Rail	LF	1,758.700	1,758.700	1,758.700	\$60.00	\$105,522.00	
0005	Concrete Repair for Deck Underside	SF	83.000	381.980	381.980	\$188.00	\$71,812.24	
0006	Concrete Repair for Barrier Rails	SF	143.000	42.180	42.180	\$110.00	\$4,639.80	
0007	Concrete Repair for Substructures	SF	57.000	13.600	13.600	\$140.00	\$1,904.00	
0008	Blast Cleaning of Structural Steel	LS	1.000	1.000	1.000	\$400,000.00	\$400,000.00	
0009	Containment	LS	1.000	1.000	1.000	\$250,000.00	\$250,000.00	
0010	Paint Waste Transport & Disposal	LS	1.000	1.000	1.000	\$50,000.00	\$50,000.00	
0011	Painting of Structural Steel	LS	1.000	1.000	1.000	\$129,500.00	\$129,500.00	
0012	Construction Survey	LS	1.000	1.000	1.000	\$1,000.00	\$1,000.00	
0013	Mobilization	LS	1.000	1.000	1.000	\$71,000.00	\$71,000.00	
0014	Structural Steel Bolt Replacement	EACH	20.000	4.000	4.000	\$93.00	\$372.00	
0015	Structural Steel Crack Repair	EACH	1.000	1.000	1.000	\$3,800.00	\$3,800.00	
0016	Epoxy Crack Injection	LF	209.000	438.000	438.000	\$65.00	\$28,470.00	
0017	Expansion Joint Repair	LF	181.100	181.000	181.000	\$310.00	\$56,110.00	
0018	Fill Existing Sidewalk Fence Post Holes	LS	1.000	1.000	1.000	\$30,000.00	\$30,000.00	
0019	Bridge Deck Overlay Repair	SY	1.300	3.500	3.500	\$700.00	\$2,450.00	
0020	Clean and Seal for Deck Underside Repair	SF	581.000	1.000	1.000	\$45.00	\$45.00	
0021	Clean, Cover and Seal for Deck Underside Repair	SF	166.000	3.500	3.500	\$95.00	\$332.50	
0022	Concrete Waterproofing	SF	414.000	414.000	414.000	\$21.00	\$8,694.00	
0023	Penetrating Concrete Sealer	SF	61,535.000	61,535.000	61,535.000	\$0.68	\$41,843.80	
0024	Project Sign, Supply and Install	EACH	1.000	1.000	1.000	\$850.00	\$850.00	
CO No. 1	1.01 Repair of Fleur Drive Bridge Finger Expansion Joint	LS	-	1.000	1.000	\$20,230.00	\$20,230.00	
CO No. 2	2.01 Repaire Two Expansion Joint on Grand Avenue Bridge	LS	-	1.000	1.000	\$12,600.00	\$12,600.00	
	2.02 Traffic Control For Item 2.01	LS	-	1.000	1.000	\$792.00	\$792.00	
CO No. 3	3.01 Sidewalk Repairs on Fleur Drive Bridge	LS	-	1.000	1.000	\$3,770.00	\$3,770.00	
	3.02 Sidewalk remove/Replacement on the NW Coner of SE 6th Street Bridge	LS	-	1.000	1.000	\$4,160.00	\$4,160.00	
	3.03 Additional Handrail Washers For SE 6th Street Bridge	LS	-	1.000	1.000	\$1,056.00	\$1,056.00	
CO No. 4	4.01 Repairs to Barrier Rail AT Universiyu Ane Bridge Over Keo Way	LS	-	1.000	1.000	\$10,190.00	\$10,190.00	
	4.02 Traffic Control for Item 4.01	LS	-	1.000	1.000	\$792.00	\$792.00	
	4.03 Repair of Barrier Rail Handrail on 6th Avenue Bridge	LS	-	1.000	1.000	\$3,600.00	\$3,600.00	
CO No. 5	Adjust Final Quantities to As Built Quantities						\$0.00	

BB

13 B

LINE NO.	DESCRIPTION	UNIT	UNITS		CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED			
	ORIGINAL CONTRACT AMOUNT		\$1,299,399.80				
	AMOUNT OF APPROVED CHANGE ORDERS ITHHHRU 5		\$69,747.54				
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$1,369,147.34				
	PARTIAL PAYMENT NO. 1		\$292,801.49				
	PARTIAL PAYMENT NO. 2		\$103,372.87				
	PARTIAL PAYMENT NO. 3		\$822,789.77				
	PARTIAL PAYMENT NO. 4		\$47,403.58				
	PARTIAL PAYMENT NO. 5		\$34,322.26				
	THIS PARTIAL PAYMENT NO. 6		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$1,300,689.97				
	BALANCE		\$68,457.37				
	PERCENT COMPLETE			100.00%			
							TOTAL \$1,369,147.34
							RETAINAGE \$68,457.37
							TOTAL LESS RETAINAGE \$1,300,689.97
							LESS PREVIOUS PAYMENT \$1,300,689.97
							AMOUNT DUE \$0.00

PREPARED BY: 

CHECKED BY: 

CONTRACTOR ACCEPTANCE: _____

PARTIAL PAYMENT NO. 6 - FINAL