

9A

DATE January 9, 2012

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR SW 8TH STREET VIADUCT OVER M.L. KING, JR. PARKWAY REHABILITATION, CRAMER AND ASSOCIATES, INC.

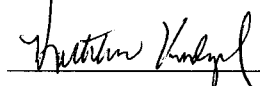
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the SW 8th Street Viaduct over M.L. King, Jr. Parkway Rehabilitation, 12-2004-003, in accordance with the contract approved between Cramer and Associates, Inc., Robert Cramer, President/CAO, 990 NE 44th Avenue, Des Moines, IA 50313, under Roll Call No. 06-933, of May 8, 2006, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

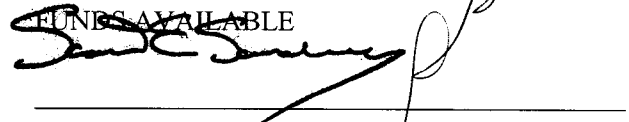
BE IT FURTHER RESOLVED: That \$2,177,235.65 is the total construction cost of which \$2,032,790.75 has been paid to the Contractor, with a final partial payment of \$114,444.90 to be paid now, and the remaining balance of \$30,000.00 be paid at the end of thirty days, provided no claims or liens have been filed against said project, and provided that a release of this payment has been approved by the Iowa Department of Transportation through the Department of Engineering for the City of Des Moines, Iowa. Said Engineering Department shall not release this payment until all project audits have been completed, and any monetary penalties resulting from audit deficiencies shall be deducted from said balance of \$30,000.00 before being released to the Contractor.

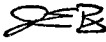
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

~~FUNDS AVAILABLE~~

Scott E. Sanders
Des Moines Finance Director



Funding Source: 2011-2012 CIP, Page Bridge - 5, City-wide Bridges, BRV003, Various Funding, Being: \$1,000,000 Federal Highway Bridge Replacement and Rehabilitation (HBRR) funds (80% of eligible construction to \$1,000,000 maximum); and the remaining \$1,177,235.65 in Tax Increment Bonds – Bridge CIP

BHM-1945(687)--8K-77

★ **Roll Call Number**

Agenda Item Number

9A

DATE January 9, 2012

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
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

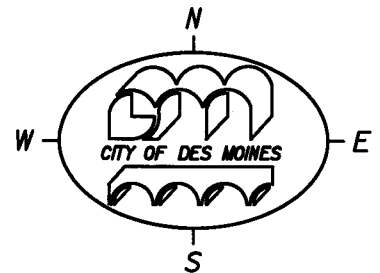
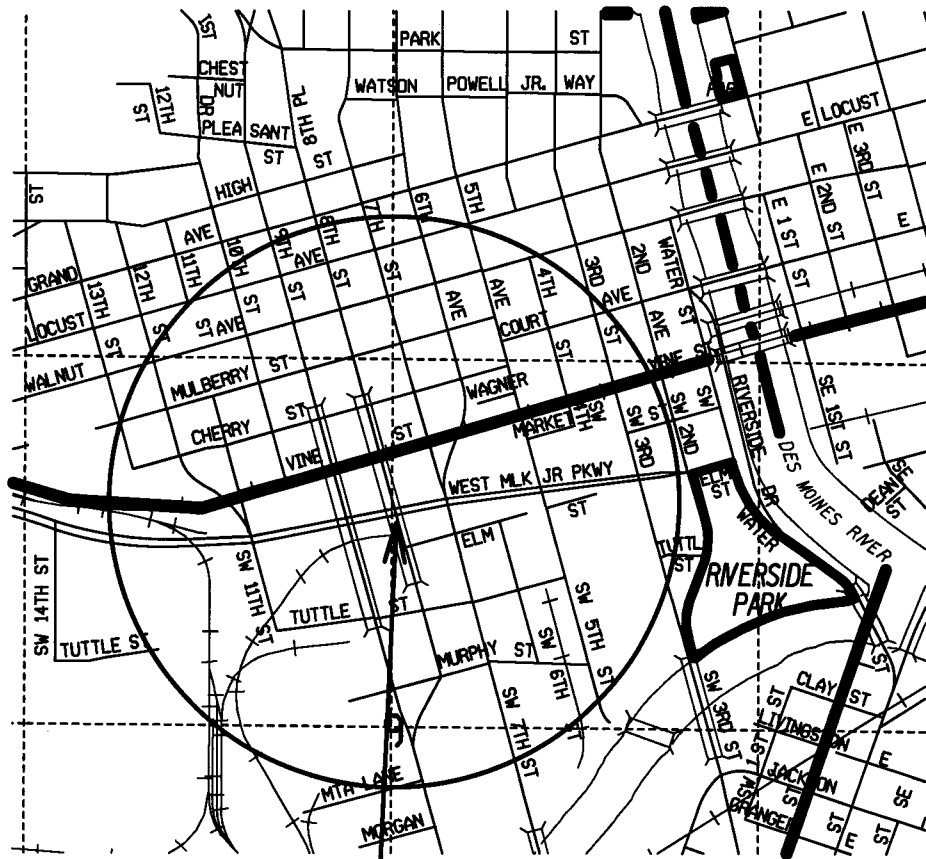
PROJECT SUMMARY

SW 8th Street Viaduct over M.L. King, Jr. Parkway Rehabilitation

Activity ID 12-2004-003

On May 8, 2006, under Roll Call No. 06-933, the Council awarded the contract for the above improvements to Cramer and Associates, Inc., in the amount of \$1,855,979.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	7/22/2006 Relocation of traffic signals and additional signage at 9th and Mulberry intersection. Costs for longitudinal grooving of finished bridge deck surface in lieu of transverse tinning. Costs for removal of approach concrete.	\$35,117.50
2	Engineering	10/31/2006 Partial replacement of existing lighting electrical conduit, pull/junction boxes and associated fittings for structure lighting fixtures.	\$9,557.40
3	Engineering	11/9/2006 Replacement of three (3) lighting fixture blisters. Replacement of fourteen (14) lighting conduit expansion joints in the parapet.	\$8,880.00
4	Engineering	11/1/2006 Deduct Bridge Floor Repair, Class 'A' and Class 'B'. Add Carbon Fiber Polymer Reinforcing, Furnish and Install. Add CFPR at Deck Intakes.	\$9,826.20
5	Engineering	6/10/2011 Adjust Final Quantities to As-Built Quantities	\$143,651.65
6	Engineering	Adjust Final Quantities to 'As-Built'	\$114,223.90
Original Contract Amount			\$1,855,979.00
Total Change Orders			\$321,256.65
Percent of Change Orders to Original Contract			17.31%
Total Contract Amount			\$2,177,235.65 ✓

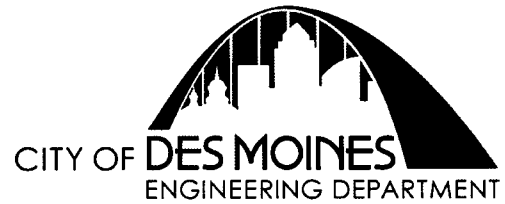


PROJECT LOCATION

S.W. 8th STREET BRIDGE OVER
M.L. KING PARKWAY REHABILITATION
ACTIVITY I.D. 12-2004-003

9A

January 9, 2012



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the SW 8th Street Viaduct over M.L. King, Jr. Parkway 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: \$2,177,235.65 As-Built Contract Cost

Funding Source: 2011-2012 CIP, Page Bridge - 5, City-wide Bridges, BRV003, Various Funding, Being: \$1,000,000 Federal Highway Bridge Replacement and Rehabilitation (HBRR) funds (80% of eligible construction to \$1,000,000 maximum); and the remaining \$1,177,235.65 in Tax Increment Bonds – Bridge CIP

CERTIFICATION OF COMPLETION:

On May 8, 2006, under Roll Call No. 06-933, the City Council awarded a contract to Cramer and Associates, Inc., Robert Cramer, President/CAO, 990 NE 44th Avenue, Des Moines, IA 50313 for the construction of the following improvement:

SW 8th Street Viaduct over M.L. King, Jr. Parkway Rehabilitation, 12-2004-003

Bridge rehabilitation including pavement scarification, concrete removal, bridge approach pavement, Class 'A' and 'B' bridge deck repairs, epoxy coated reinforcing steel, structural steel, bridge floor overlay, removal and replacement of expansion joints, concrete beam patching, concrete repairs, full and partial height parapet repairs, carbon fiber reinforcement polymer, epoxy injection, curb repairs, concrete waterproofing, containment, paint waste transport/disposal, painting of structural steel, pavement markings and traffic control all in accordance with the contracts documents including IDOT Standard Specifications for Highway and Bridge Construction - Series 2001, Special Provisions, and Plan Files 460-001/070 on the SW 8th Street Viaduct over M.L. King, Jr. Pkwy in Des Moines, Polk County, Iowa.

I hereby certify that the construction of said SW 8th Street Viaduct over M.L. King, Jr. Parkway Rehabilitation, Activity ID 12-2004-003, 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 June 26, 2006, and was completed on December 28, 2011.

I further certify that \$2,177,235.65 is the total construction cost of which \$2,032,790.75 has been paid to the Contractor, with a final partial payment of \$114,444.90 to be paid now, and the remaining balance of \$30,000.00 be paid at the end of thirty days, provided no claims or liens have been filed against said project, and provided that a release of this payment has been approved by the Iowa Department of Transportation through the Department of Engineering for the City of Des Moines, Iowa. Said Engineering Department shall not release this payment until all project audits have been completed, and any monetary penalties resulting from audit deficiencies shall be deducted from said balance of \$30,000.00 before being released to the Contractor. The amount of completed work is shown on the attached Estimate of Construction Completed.

A handwritten signature in black ink, appearing to read "Jeb E. Brewer" followed by a stylized flourish and the number "10".

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



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 01/01/2007 TO 06/20/2011
PARTIAL PAYMENT NO. 8 - Final

Activity ID: 12-2004-003
Project No.: BHM-1945(687)-8K-77
Date: 11/03/2011

Project: SW 8th Street Viaduct over M.L. King Jr. Pkwy and Railroad Bridge Rehabilitation
Contractor: Cramer and Associates, Inc.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0010	Pavement Scarification	SY	4,435,000	4,435,000	4,435,000	\$30.00	\$133,050.00
0020	Bridge Approach, RK-20	SY	958,000	958,000	958,000	\$140.00	\$134,120.00
0030	Removal of Concrete	CY	180,600	227,150	227,150	\$400.00	\$90,860.00
0040	Structural Concrete (Bridge)	CY	183,600	180,600	180,600	\$700.00	\$126,420.00
0050	Reinforcing Steel, Epoxy Coated	LB	30,768,000	33,796,200	33,796,200	\$1.00	\$33,796.20
0060	Structural Steel	LB	6,497,000	6,012,000	6,012,000	\$22.00	\$132,264.00
0070	Reinforced Neoprene	SF	180,000	180,000	180,000	\$120.00	\$21,600.00
0080	Bridge Floor Overlay	SY	4,435,000	4,435,000	4,435,000	\$45.00	\$199,575.00
0090	Bridge Floor Repair, CI A	SY	530,000	337,690	337,690	\$140.00	\$47,276.60
0100	Bridge Floor Repair, CI B	SY	135,000	14,900	14,900	\$280.00	\$4,172.00
0110	Concrete Repair	SF	1,400,000	1,942,270	1,942,270	\$100.00	\$194,227.00
0120	Containment	LS	1,000	1,000	1,000	\$25,000.00	\$25,000.00
0130	Paint Waste Transport and Disposal	LS	1,000	1,000	1,000	\$2,000.00	\$2,000.00
0140	Painting of Structural Steel	LS	1,000	1,000	1,000	\$45,000.00	\$45,000.00
0150	Safety Closure	EA	2,000	2,000	2,000	\$200.00	\$400.00
0160	Construction Survey	LS	1,000	1,000	1,000	\$2,000.00	\$2,000.00
0170	Painted Pavement Markings	STA	116,000	96,610	96,610	\$34.80	\$2,898.30
0180	Pavement Markings Removed	STA	15,000	82,530	82,530	\$60.00	\$4,951.80
0190	Traffic Control	LS	1,000	1,000	1,000	\$19,480.00	\$19,480.00
0200	Changeable Message Sign, Portable	CDAV	28,000	28,000	28,000	\$60.00	\$1,680.00
0210	Mobilization	LS	1,000	1,000	1,000	\$140,000.00	\$140,000.00
0220	Rail Repair Hardware	LB	1,406,000	1,406,000	1,406,000	\$4.00	\$5,624.00
0230	Curb Repair	LF	865,000	1,195,800	1,195,800	\$60.00	\$71,748.00
0240	Epoxy Crack Injection	LF	296,000	288,500	288,500	\$45.00	\$12,982.50
0250	Expansion Joint Replacement	LF	193,000	193,000	193,000	\$980.00	\$189,140.00
0260	Carbon Fiber Reinforcing Polymer (Furnish)	SF	3,060,000	3,579,740	3,579,740	\$12.00	\$42,956.88
0270	Carbon Fiber Reinforcing Polymer (Installation)	SF	3,060,000	3,579,740	3,579,740	\$18.00	\$64,435.32
0280	Concrete Beam Patching	SF	280,000	412,800	412,800	\$170.00	\$70,176.00
0290	Concrete Waterproofing	SF	1,689,000	1,674,780	1,674,780	\$12.00	\$20,097.36
0300	Full Height Parapet Repair	SF	844,000	1,412,200	1,412,200	\$95.00	\$134,159.00
0310	Partial Height Parapet Repair	SF	49,000	94,560	94,560	\$120.00	\$11,347.20

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