

★ Roll Call Number

Agenda Item Number

Date November 19, 2007

4

APPROVING CHANGE ORDER NO. 5 WITH
CRAMER & ASSOCIATES, INC. FOR
ADDITIONAL WORK ON THE
UNIVERSITY AVENUE BRIDGE OVER THE DES MOINES RIVER –
ARCH REHABILITATION
FOR A TOTAL NOT TO EXCEED \$55,456.49

BE IT RESOLVED by the City Council of the City of Des Moines, Iowa, that the attached Change Order No. 5 between the City of Des Moines and Cramer & Associates, Inc., Robert Cramer, President/CAO, 5600 Brookside Drive, Grimes, Iowa, 50111, for additional work on the University Avenue Bridge over the Des Moines River – Arch Rehabilitation project, in an amount not to exceed \$55,456.49, be and is hereby approved, and the City Manager is authorized and directed to execute said change order.

(Council Communication Number 07-682 attached)

Activity ID 12-2005-002

Moved by _____ to adopt.

FORM APPROVED: Kathleen Vanderpool
Kathleen Vanderpool
Deputy City Attorney

Funding Source: 2007-08 CIP, Page Bridge-18, University Avenue Bridge over the Des Moines River, BRV036, G.O. Bonds

JB

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
MEYER				
VLASSIS				
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.

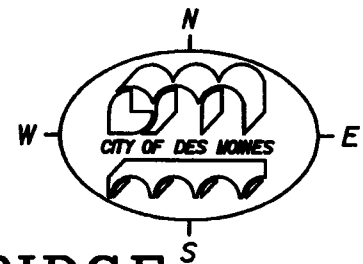
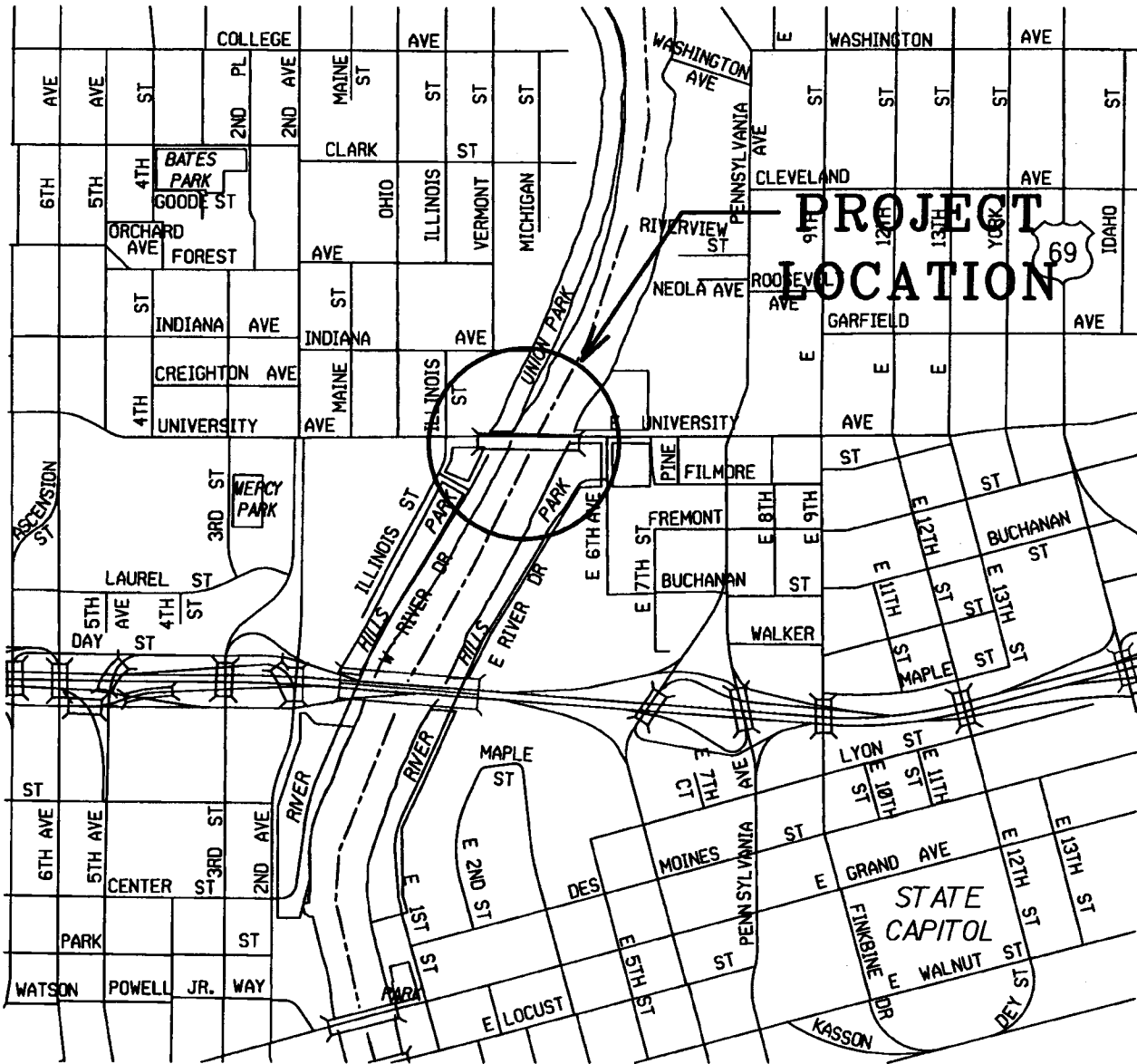
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED

Mayor

City Clerk

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**UNIVERSITY AVENUE BRIDGE
 OVER DES MOINES RIVER
 ARCH REHABILITATION
 ACTIVITY I.D. 12-2005-002**

4

PROJECT SUMMARY

University Avenue Bridge over Des Moines

Activity ID 12-2005-002

Arch Rehabilitation

Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
1	10/16/2006 Additional estimated quantities for arch rehabilitation in last two spans.	Engineering	\$78,095.00
3	5/8/2007 Increase quantities for Excavation, Arch Repair Concrete & Arch Waterproofing which are approaching the approved quantities in the contract.	Engineering	\$14,140.20
2	4/26/2007 Additional Quantities to adjust estimated to current quantities used for Concrete Removal, Repair Concrete, Arch Waterproofing and Concrete Repair	Engineering	\$123,116.00
4	6/14/2007 Increase quantities for additional Structural Concrete, Epoxy Reinforcing Steel, Arch Concrete Removal and Repair.	Engineering	\$17,544.41
5	Adjust final quantities to 'As Built' based on audit By IDOT:	Engineering	\$55,456.49
Original Contract Amount			\$1,463,991.40
Total Change Orders			\$288,352.10
Percent of Change Orders to Original Contract			19.70%
Final Contract Amount			\$1,752,343.50



Change Order

Non-Substantial:

Part

Non-Part

No. 5

Substantial:

Concurrence Date _____

Contract Accounting ID No.: 23716

County Polk

Project No: BHM-1945(695)-8K-77

Kind of Work: Bridge Rehabilitation

Date Prepared: 09/12/07

Contractor: Cramer and Associates, Inc., Inc.

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made or extra work to be done:

Adjust final quantities to 'As Built' based on audit By IDOT:

- 7021- Additional 16.900 CY Structural Concrete Line No 0020 - Bid Item 2403-01000010. At Bid pricing.
- 7022- Additional 4823.180 LB Reinforcing Steel, Epoxy Coated Line No 0030 - Bid Item 2404-77750005. At Bid pricing.
- 7023- Additional 2.640 CY Arch Concrete Removal No 0060 - Bid Item 2599-9999003. At Bid pricing.
- 7024- Deduct 4.500 CY Arch Repair Concrete Line No 0070 - Bid Item 2599-9999003. At Bid pricing.
- 7025- Additional 149.000 EA Drilled Dowels Line No 0100 - Bid Item 2599-9999005. At Bid pricing.

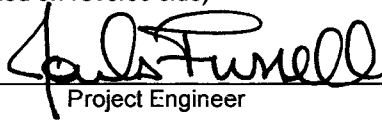
8001 - Additional Contract Working Days to adjust Total Working Day count to additional work done on project. Add Fifty-Four (54) Working days to contract allowed One Hundred (100) for a total of One Hundred Fifty-Four (154) Working Days.

B - Reason for change or extra work for 70012 through 7020 inclusive:

These quantity adjustments reflect the final IDOT audited quantities to final 'as built' quantities.


Additional working days allowed due to increase in quantities and work performed on rehabilitation, Contractor met the intermediate completion date to open structure to traffic, so additional working days did not delay opening of the structure to traffic.

(Continued on reverse side)


 Project Engineer

14 Sept 2007
 Date

Approved _____
 District Construction Engineer


 City Engineer

13 NOV 07
 Date


 City Manager

 Date

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to.

Approved contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

 Contractor

By  9/20/07
 Date

For the Division Administrator
Federal Highway Administration

Approved _____
Assistant Construction Engineer Date

DISTRIBUTION: Project Engineer - Forward original to District.

District - Nonsubstantial - Forward original and one copy to the Office of Construction and two copies back to the Project Engineer.

- Substantial - Forward original and two copies to the Office of Construction.

C-1 –Settlement for cost of work to be made as follows:

Change Order No. 5

13,596.0

- 7021– Additional 16.900 CY Structural Concrete Line No 0020 - Bid Item 2403-01000010 @ \$3090.000/CY = \$ 52,221.00
- 7022– Additional 4823.180 LB Reinforcing Steel, Epoxy Coated Line No 0030 - Bid Item 2404-77750005 @ \$1.600/LB = \$7,717.09
- 7023– Additional 2.640 CY Arch Concrete Removal No 0060 - Bid Item 2599-9999003 @ \$2,010.000/CY = \$5,306.40
- 7024– Deduct 4.500 CY Arch Repair Concrete Line No 0070 - Bid Item 2599-9999003 @ \$2,440.000/CY = \$10,980.00 CR
- 7025– Additional 149.000 EA Drilled Dowels Line No 0100 - Bid Item 2599-9999005 @ \$8.000/EA = \$1,192.00

8001– Additional Working Days – 54.0 Working Days Extra to Balance Increased Work Scope. No Cost Value assigned.

D – ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number	Unit Price .xxx	If Credit Add "CR"	Amount .xx
			Quantity .xxx	
7021	Structural Concrete Line No 0020 - Bid Item 2403-01000010	\$3090.000		\$52,221.00
7022	Reinf Steel, Epoxy Coated Line No 0030 - Bid Item 2404-77750005	\$1.600		\$7,717.09
7023	Arch Concrete Removal No 0060 - Bid Item 2599-9999003	\$2,010.000		\$5,306.40
7024	Arch Repair Concrete Line No 0070 - Bid Item 2599-9999003	\$2,440.000		\$10,980.00 CR
7025	Drilled Dowels Line No 0100 - Bid Item 2599-9999005	\$8.00		\$1,192.00
TOTAL				\$55,456.49

E – ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .xxx	If Credit, Add "CR"	Amount .xx
					Quantity .xxx	
8001	Additional Working Days to Complete Final Work Scope			0.000		\$0.00
TOTAL						\$0.00

CIP Information

Index Code: -
 CIP Page: -
 Account: 543010
 Fund: CP032
 Organization: ENG990000
 Project: BRV036
 Activity ID: 12-2005-002

Funding Status

Adequate 03L
 Transfer _____
 Account _____
 Fund _____
 Project _____