

11 B

DATE March 26, 2012

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR FLEUR DRIVE VIADUCT OVER AMERICAN DISCOVERY TRAIL REHABILITATION, HERBERGER CONSTRUCTION CO., INC.

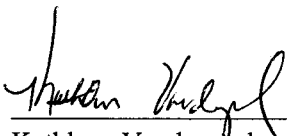
BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Fleur Drive Viaduct over American Discovery Trail Rehabilitation, 12-2009-003, in accordance with the contract approved between Herberger Construction Co., Inc., Dean Herberger, President, 2508 West 2nd Avenue, P.O. Box 326, Indianola, IA 50125, under Roll Call No. 11-0475, of March 14, 2011, 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 \$1,205,101.48 is the total construction cost of which \$1,171,558.13 has been paid to the Contractor, with a final partial payment of \$3,543.35 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.

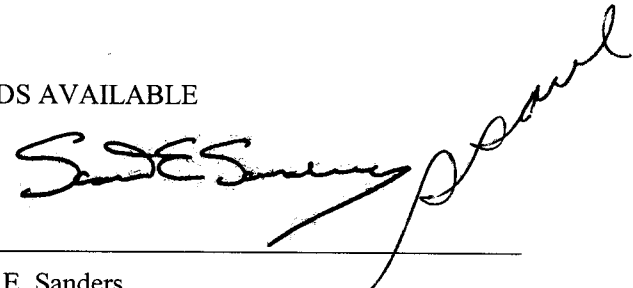
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

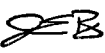
Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE


Scott E. Sanders
Des Moines Finance Director

 Funding Source: 2012-2013 CIP, Page Bridge -17, Structural Repair - Corrosion Protection, BRV039, Being: \$300,000 in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs only (Max \$300,000), with the remaining \$905,101.48 in Gaming Monies

STP-U-1945(778)--27-77

★ **Roll Call Number**

Agenda Item Number

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DATE March 26, 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

Fleur Drive Viaduct over American Discovery Trail Rehabilitation

Activity ID 12-2009-003

On March 14, 2011, under Roll Call No. 11-0475, the Council awarded the contract for the above improvements to Herberger Construction Co., Inc., in the amount of \$1,123,427.72. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	4/25/2011 Install additional recreation trail detour signage and add construction survey.	\$8,645.85
2	City	6/8/2011 Increase structural steel quantity. Install site safety fence. Replace corroded bearing stiffeners.	\$8,532.40
3	Engineering	6/16/2011 Change IDOT project number from STP-U-1945(778)-27-77 to STP-U-1945(778)--70-77	\$0.00
4	Contractor	7/1/2011 Increase Structural Concrete and Concrete Repair quantities. Install abutment subdrain and additional abutment reinforcing dowels.	\$16,659.50
5	Engineering	8/2/2011 Increase quantity for Modular Block Retaining Wall	\$12,692.71
6	Engineering	8/23/2011 Increase quantities for Bridge Approach Pavement, 4" Median, Removal of Pavement, and Pavement Markings. Delete Temporary Crash Cushion and Temporary Barrier Rail. Add additional Sidewalk Closure, Erosion Control Sock, and Deck Smoothness Incentive.	\$22,156.20
7	Engineering	10/24/2011 Delete bridge cleaning for painting, and add concrete sealer.	\$11,300.00
8	Engineering	1/4/2012 Decrease silt fence quantity and add sidewalk.	\$1,687.10

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March 26, 2012



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Fleur Drive Viaduct over American Discovery Trail Rehabilitation, Herberger Construction Co., Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,205,101.48 As-Built Contract Cost

Funding Source: 2012-2013 CIP, Page Bridge -17, Structural Repair - Corrosion Protection, BRV039, Being: \$300,000 in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs only (Max \$300,000), with the remaining \$905,101.48 in Gaming Monies

CERTIFICATION OF COMPLETION:

On March 14, 2011, under Roll Call No. 11-0475, the City Council awarded a contract to Herberger Construction Co., Inc., Dean Herberger, President, 2508 West 2nd Avenue, P.O. Box 326, Indianola, IA 50125 for the construction of the following improvement:

Fleur Drive Viaduct over American Discovery Trail Rehabilitation, 12-2009-003

The improvement includes rehabilitation of the superstructure and substructure, including cleaning and painting of the structural steel girders, replacement of the deck and expansion joints, repair of structural elements including piers, columns, and abutments, and replacement of barriers, sidewalks, and approach pavement; in accordance with the contract documents, including Plans File Nos. 525-108/152, on the Fleur Drive Viaduct over the American Discovery Trail located between Bell Avenue and George Flagg Parkway

I hereby certify that the construction of said Fleur Drive Viaduct over American Discovery Trail Rehabilitation, Activity ID 12-2009-003, 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 May 2, 2011, and was completed on March 13, 2012.

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I further certify that \$1,205,101.48 is the total construction cost of which \$1,171,558.13 has been paid to the Contractor, with a final partial payment of \$3,543.35 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.



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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 11/12/11 to 12/31/11
PARTIAL PAYMENT NO. 9 (FINAL PAYMENT)

Proj No: STP-U-1945(778)-70-77
Activity ID: 12-2009-003
Date: 2/14/12

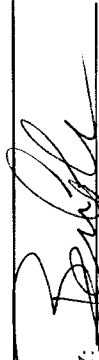
PROJECT: FLEUR DRIVE VIADUCT OVER AMERICAN DISCOVERY TRAIL REHABILITATION
CONTRACTOR: HERBERGER CONSTRUCTION CO., INC.


LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Excavation, Class 13, Waste	CY	313.100	313.100	313.100	\$2,504.80
2	Bridge Approach Pavement, As Per Plan	SY	801.600	846.000	846.000	\$115,902.00
3	Median, P.C. Concrete, 4 In	SY	59.000	63.900	63.900	\$4,345.20
4	Longitudinal Grooving in Concrete	SY	1,975.800	1,975.800	1,975.800	\$6,223.77
5	Modular Block Retaining Wall	SF	1,505.000	1,728.660	1,728.660	\$98,101.46
6	Removal of Steel Beam Guardrail	LF	150.000	150.000	150.000	\$825.00
7	Removal of Anchor Lugs	EACH	8.000	8.000	8.000	\$5,920.00
8	Removal of Pavement	SY	771.600	846.000	846.000	\$6,768.00
9	Concrete Barrier Rail, BA-108	EACH	2.000	2.000	2.000	\$2,600.00
10	Safety Closure	EACH	6.000	6.000	6.000	\$1,320.00
11	Painted Pavement Marking, Waterborne Or Solvent-Based	STA	31.500	32.000	32.000	\$2,080.00
12	Traffic Control	LS	1.000	1.000	1.000	\$12,000.00
13	Temp Crash Cushion	EACH	2.000	0.000	0.000	\$1,730.00
14	Silt Fence	LF	600.000	105.000	105.000	\$3.75
15	Removals, As Per Plan	LS	1.000	1.000	1.000	\$61,600.00
16	Excavation, Class 20	CY	50.000	50.000	50.000	\$5,000.00
17	Structural Concrete (Miscellaneous)	CY	568.200	569.500	569.500	\$350,242.50
18	Reinforcing Steel, Epoxy Coated	LB	159,555.000	159,555.000	159,555.000	\$124,452.90
19	Structural Steel	LB	973.000	1,473.000	1,473.000	\$7,365.00
20	Concrete Barrier, Reinforced, Separation	LF	478.000	478.000	478.000	\$28,680.00
21	Steel Pipe Pedestrian Hand Railing	LF	476.800	476.800	476.800	\$21,932.80
22	Ornamental Metal Railing	LF	473.600	473.600	473.600	\$31,731.20
23	Concrete Repair	SF	36.300	92.800	92.800	\$12,064.00
24	Bridge Raising	LS	1.000	1.000	1.000	\$4,000.00
25	Bridge Cleaning for Painting	LS	1.000	0.000	0.000	\$0.00
26	Blast Cleaning of Structural Steel	LS	1.000	1.000	1.000	\$70,500.00
27	Containment	LS	1.000	1.000	1.000	\$58,000.00
28	Paint Waste Transport and Disposal	LS	1.000	1.000	1.000	\$8,000.00
29	Painting of Structural Steel	LS	1.000	1.000	1.000	\$44,440.00
30	Temporary Barrier Rail, Concrete	LF	700.000	0.000	0.000	\$8.00
31	Mobilization	LS	1.000	1.000	1.000	\$52,500.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
CHANGE ORDERS							
CO 1-7							
8001	Trail Detour Signage	LS	4,795.850	4,795.850	4,795.850	\$1.00	\$4,795.85
8002	Construction Survey	LS	3,850.000	3,850.000	3,850.000	\$1.00	\$3,850.00
8003	Installed Site Safety Fence	LS	1,907.400	1,907.400	1,907.400	\$1.00	\$1,907.40
8004	Replacement of Bearing Stiffeners	LS	4,125.000	4,125.000	4,125.000	\$1.00	\$4,125.00
8005	Abutment Subdrain	LS	6,350.000	6,350.000	6,350.000	\$1.00	\$6,350.00
8006	Abutment Reinforcing Dowels	LS	2,165.000	2,165.000	2,165.000	\$1.00	\$2,165.00
8007	Bridge Sidewalk Closure	LS	3,915.000	3,915.000	3,915.000	\$1.00	\$3,915.00
8008	Compost Filter Sock	LF	301.000	301.000	301.000	\$7.50	\$2,257.50
8009	Price Adj \ Incentive-Smoothness-New Deck	LS	1.000	1.000	1.000	\$18,000.00	\$18,000.00
8010	Concrete Sealer	LS	14,700.000	14,700.000	14,700.000	\$1.00	\$14,700.00
CO No. 8							
8011	Sidewalk	LS	3,543.350	3,543.350	3,543.350	\$1.00	\$3,543.35
	ORIGINAL CONTRACT AMOUNT		\$1,123,427.72				
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$1,205,101.48				
	PARTIAL PAYMENT NO. 1		\$82,309.35				
	PARTIAL PAYMENT NO. 2		\$153,827.10				
	PARTIAL PAYMENT NO. 3		\$315,960.16				
	PARTIAL PAYMENT NO. 4		\$118,172.39				
	PARTIAL PAYMENT NO. 5		\$218,485.82				
	PARTIAL PAYMENT NO. 6		\$210,126.26				
	PARTIAL PAYMENT NO. 7		\$57,977.05				
	PARTIAL PAYMENT NO. 8		\$14,700.00				
	THIS PARTIAL PAYMENT		\$3,543.35				
	TOTAL PARTIAL PAYMENTS		\$1,175,101.48				
	BALANCE		\$30,000.00				
	TOTAL						\$1,205,101.48
	RETAINAGE						\$30,000.00
	TOTAL LESS RETAINAGE						\$1,175,101.48
	LESS PREVIOUS PAYMENT						\$1,171,558.13
	AMOUNT DUE						\$3,543.35

PREPARED BY: 

CHECKED BY: 

REVIEWED BY: 
HERBERGER CONSTRUCTION CO., INC.

PARTIAL PAYMENT NO. 9 (FINAL PAYMENT)