

DATE April 9, 2012

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR PLEASANT DRIVE BRIDGE OVER CUMMINS CREEK, 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 Pleasant Drive Bridge over Cummins Creek, 12-2007-007, 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. 09-229, of February 9, 2009, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

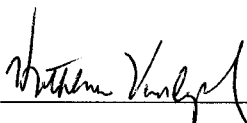
BE IT FURTHER RESOLVED: That \$794,132.24 is the total cost, of which \$721,233.32 has been paid the Contractor, and \$33,192.31 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$39,706.61 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

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.

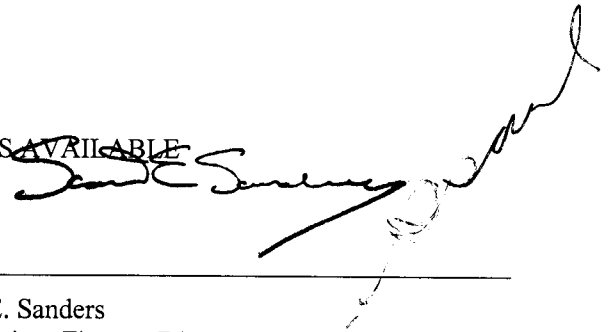
Moved by _____ to adopt.

FORM APPROVED:



Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Scott E. Sanders
Des Moines Finance Director

Funding Source: 2012-2013 CIP, Page Bridge - 20, Pleasant Drive over Cummins Creek, BRV040, Being: \$663,168.74 for bridge construction work, Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa. The bridge has been designed to allow the planned Waveland Trail to pass underneath the structure and includes grading and retaining wall construction for the trail project at a bid price of \$130,963.50, G. O. Bonds, PKS045, Recreation Trails, Page Park - 16

★ **Roll Call Number**

Agenda Item Number

14A

DATE April 9, 2012

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				
MOTION CARRIED	APPROVED			

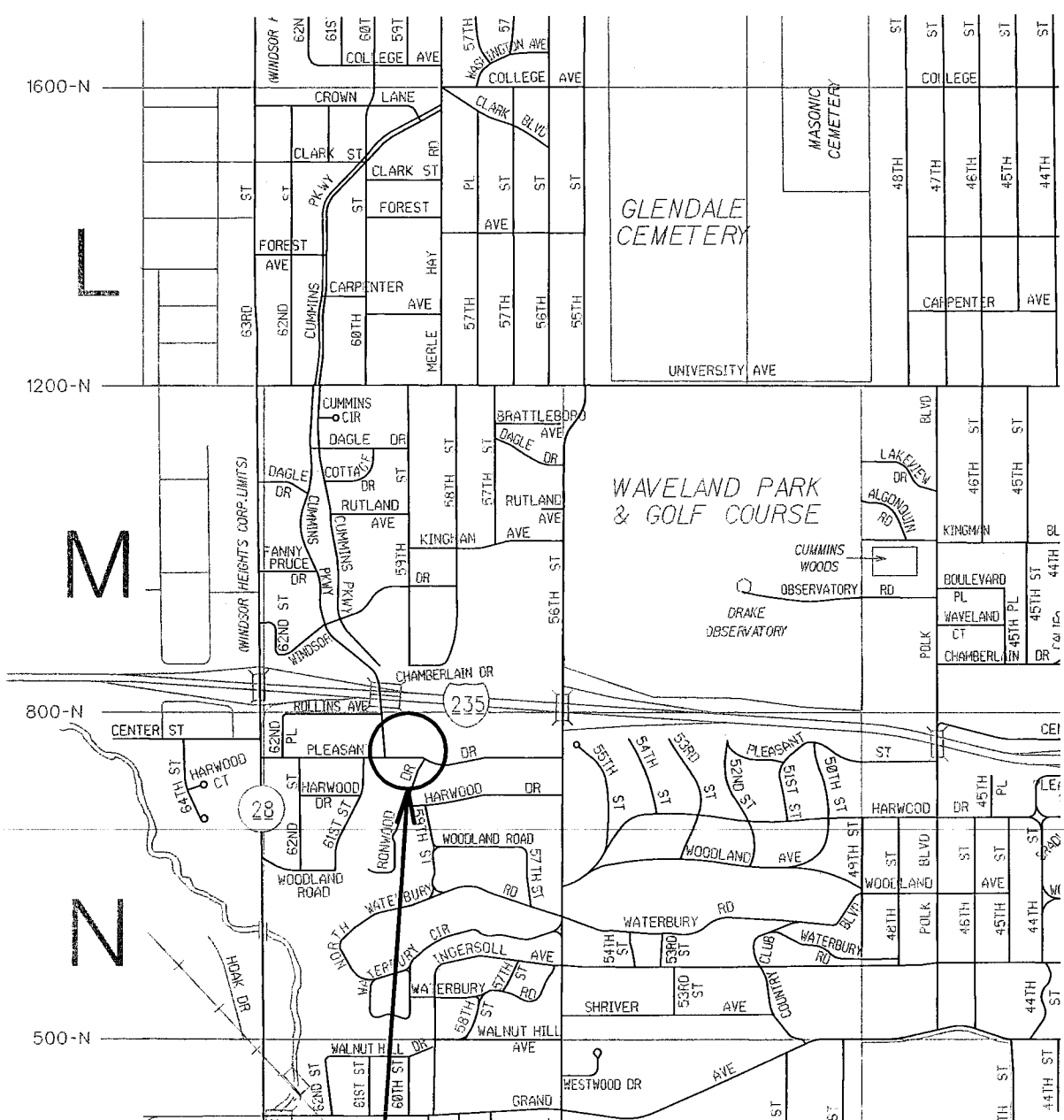
Mayor

CERTIFICATE

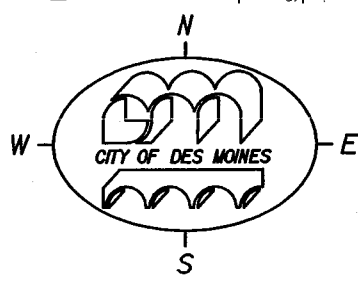
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

City Clerk



**PROJECT
LOCATION**



**PLEASANT DRIVE OVER CUMMINS CREEK
ACTIVITY I.D. 12-2007-007**

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PROJECT SUMMARY

Pleasant Drive Bridge over Cummins Creek

Activity ID 12-2007-007

On February 9, 2009, under Roll Call No. 09-229, the Council awarded the contract for the above improvements to Herberger Construction Co., Inc., in the amount of \$725,505.43. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	6/30/2009 Bridge Deck Repair	\$24,600.00
2	Engineering	12/21/2009 Add meter socket and 100A service for trail lighting under bridge. Concrete Utiliy Encasement. Additional Survey Time to Correct BM Error.	\$9,088.75
3	City	7/26/2011 Repair spalled concrete on south abutment.	\$20,935.00
4	Engineering	10/28/2011 Repair expansion joint cover plates damaged last winter.	\$3,750.00
5	Engineering	Adjust FInal Quantities to 'As-Built'.	\$10,253.06
Original Contract Amount			\$725,505.43
Total Change Orders			\$68,626.81
Percent of Change Orders to Original Contract			9.46%
Total Contract Amount			\$794,132.24

April 9, 2012



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Pleasant Drive Bridge over Cummins Creek, 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: \$794,132.24 As-Built Contract Cost

Funding Source: 2012-2013 CIP, Page Bridge - 20, Pleasant Drive over Cummins Creek, BRV040, Being: \$663,168.74 for bridge construction work, Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa. The bridge has been designed to allow the planned Waveland Trail to pass underneath the structure and includes grading and retaining wall construction for the trail project at a bid price of \$130,963.50, G. O. Bonds, PKS045, Recreation Trails, Page Park - 16

CERTIFICATION OF COMPLETION:

On February 9, 2009, under Roll Call No. 09-229, 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:

Pleasant Drive Bridge over Cummins Creek, 12-2007-007

The improvement includes removal of the existing bridge and substructure, construction of the new slab bridge, bridge approach pavement removal and replacement, storm sewer and intakes, utility ducts, excavation and grading, PCC subbase, PCC pavement, sidewalk removal and replacement, hydrant adjustment, ornamental handrail, modular block wall, fencing, erosion control, silt fence, seeding, sodding, rip rap, construction survey, project sign, traffic control and mobilization; all work in accordance with the contract documents including Plan File Nos. 494-120/166, in the 6000 Block of Pleasant Drive, Des Moines, Iowa

I hereby certify that the construction of said Pleasant Drive Bridge over Cummins Creek, Activity ID 12-2007-007, 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 16, 2009, and was completed on April 3, 2012.

I further certify that \$794,132.24 is the total cost of said improvement, of which \$721,233.32 has been paid the Contractor and \$33,192.31 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$39,706.61 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.

A handwritten signature in black ink that reads "Jeb E. Brewer, P.E." with a stylized flourish at the end.

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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 05/28/2011 to 02/23/2012
PARTIAL PAYMENT NO. 6 - FINAL

Activity ID: 12-2007-007
Date: 02/24/2012

PROJECT: PLEASANT DRIVE BRIDGE OVER CUMMINS CREEK
CONTRACTOR: HERBERGER CONSTRUCTION COMPANY

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
	ROADWAY					
1	Mobilization	LS	1.0	1,000	1,000	\$32,000.00
2	Construction Survey	LS	1.0	1,000	1,000	\$5,500.00
3	Traffic Control	LS	1.0	1,000	1,000	\$5,000.00
4	Clearing and Grubbing	LS	1.0	1,000	1,000	\$26,000.00
5	Pavement Removal and Disposal	SY	505.0	505,000	505,000	\$3,232.00
6	Sidewalk Removal and Disposal	SY	110.0	110,000	110,000	\$1,138.50
7	Removals, As Per Plan	LS	1.0	1,000	1,000	\$3,300.00
8	Top Soil, Strip, Salvage and Respread	CY	320.0	320,000	320,000	\$12.30
9	Excavation, Class 10	CY	780.0	780,000	780,000	\$12.30
10	Sewer, Storm, 15" Diameter RCP Class III	LF	220.0	217,000	217,000	\$52.50
11	Subdrain Connection to Storm Sewer Structure	EACH	4.0	4,000	4,000	\$630.00
12	Flared End Section, 15" Diameter, RCP, w/ Apron	EACH	2.0	2,000	2,000	\$1,575.00
13	Removal of Existing Storm Sewer	LF	255.0	255,000	255,000	\$24.00
14	Installation of Utility Ducts, Per Plan	LS	1.0	1,000	1,000	\$21,000.00
15	Adjustment of Fixture, Valve Box Assembly	EACH	1.0	1,000	1,000	\$230.00
16	Adjustment of Fixture, Hydrant	EACH	1.0	0,000	0,000	\$1,020.00
17	Intake, Single Type M-A	EACH	4.0	4,000	4,000	\$2,730.00
18	Manhole, Storm, Type M-A, 48"	EACH	2.0	2,000	2,000	\$3,460.00
19	RCP Type Area Intake and Truss Pipe, Installed per Plan	LS	1.0	1,000	1,000	\$4,100.00
20	Bridge Approach, Double Reinforced, 12"	SY	443.0	460,520	460,520	\$146.00
21	Sidewalk, PCC, 5"	SY	158.0	162,770	162,770	\$43.00
22	Sidewalk, PCC, 6"	SY	121.0	119,010	119,010	\$46.50
23	Pedestrian Ramp, PCC, 6"	SY	23.0	18,620	18,620	\$46.50
24	Truncated Domes	SF	48.0	48,000	48,000	\$36.00
25	Seed, Fertilize and Mulch, Type 1, Permanent Lawn Mixture (Hydroseed)	ACRE	1.0	0.471	0.471	\$3,400.00
26	Seed, Fertilize and Mulch, Type 4, Urban Temporary Erosion Control Mixture	ACRE	1.0	0,000	0,000	\$1,200.00
27	Mulching	ACRE	1.0	0,000	0,000	\$420.00
28	Silt Fence	LF	600.0	600,000	600,000	\$2.25
29	Intake Protection	EACH	4.0	0,000	0,000	\$315.00
30	Erosion Control	LS	1.0	1,000	1,000	\$2,600.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	BRIDGE						
31	Excavation, Class 10, Channel	CY	2250.0	2250.000	2250.000	\$10.00	\$22,500.00
32	Removal of Existing Bridge	LS	1.0	1.000	1.000	\$30,000.00	\$30,000.00
33	Excavation, Class 20	CY	184.0	184.000	184.000	\$23.00	\$4,232.00
34	Structural Concrete (Bridge)	CY	279.7	279.700	279.700	\$390.00	\$109,083.00
35	Colored Sealer Coating for Structural Concrete	SY	234.8	234.800	234.800	\$22.50	\$5,283.00
36	Reinforcing Steel, Epoxy Coated	LB	62587.0	62598.000	62598.000	\$0.89	\$55,712.22
37	Longitudinal Grooving in Concrete	SY	601.0	604.450	604.450	\$8.00	\$4,835.60
38	Concrete Barrier Railing, Aesthetic	LF	189.9	189.900	189.900	\$105.00	\$19,939.50
39	Steel Pipe Pedestrian Railing	LF	97.4	97.400	97.400	\$73.00	\$7,110.20
40	Ornamental Metal Railing	LF	82.4	82.400	82.400	\$92.00	\$7,580.80
41	Pile, Steel, HP10 X 42	LF	630.0	630.000	630.000	\$35.00	\$22,050.00
42	Pile, Steel, HP12 X 53	LF	700.0	700.000	700.000	\$41.00	\$28,700.00
43	Concrete Encasement of Steel H Piles, HP12 X53	LF	210.0	210.000	210.000	\$70.00	\$14,700.00
44	Reverment, Class 'E'	TONS	550.0	473.410	473.410	\$42.00	\$19,883.22
45	Concrete Barrier, Approach, Modified	EACH	4.0	4.000	4.000	\$650.00	\$2,600.00
46	Modular Block Retaining Wall	SF	3500.0	3992.830	3992.830	\$31.00	\$123,777.73
47	Temporary Access, Stream	LS	1.0	1.000	1.000	\$2,500.00	\$2,500.00
48	Under Bridge Lighting, Conduit,Wire, Fixtures, Complete Per Plan	LS	1.0	1.000	1.000	\$4,800.00	\$4,800.00
49	Chain Link Fence, 48", Black Vinyl Coated	LF	310.0	406.500	406.500	\$16.00	\$6,504.00
CO No. 1	1.01 Additional Deck Repair SE 30th Street	LS	-	1.000	1.000	\$24,600.00	\$24,600.00
CO No. 2	2.01 Electrical service for Bridge Lighting	LS	-	1.000	1.000	\$2,750.00	\$2,750.00
	2.02 Concrete Encasement of Utility Duct under Cummings Creek	LS	-	1.000	1.000	\$4,125.00	\$4,125.00
	2.03 Added Survey Costs to correct for Moved Bench Mark	LS	-	1.000	1.000	\$2,213.75	\$2,213.75
CO No. 3	3.01 SE 45th Street over UPRR Bridge South Abutment Repair	LS	-	1.000	1.000	\$20,935.00	\$20,935.00
CO No. 4	4.01 Fleur	LS	-	1.000	1.000	\$3,750.00	\$3,750.00
CO No. 5	Adjust final Quantities to "As-Built"	-	-	-	-	-	\$0.00

LINE NO.	DESCRIPTION	UNIT	UNITS		CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED			
	ORIGINAL CONTRACT AMOUNT		\$725,505.43				
	AMOUNT OF APPROVED CHANGE ORDER NO. 1 THROUGH 5		\$68,626.81				
	TOTAL CONTRACT AMOUNT INCLUDING APPROVED CHANGE ORDERS		\$794,132.24				
	PARTIAL PAYMENT NO. 1		\$291,286.24				
	PARTIAL PAYMENT NO. 2		\$20,812.32				
	PARTIAL PAYMENT NO. 3		\$252,236.15				
	PARTIAL PAYMENT NO. 4		\$140,395.24				
	PARTIAL PAYMENT NO. 5		\$16,503.37				
	THIS PARTIAL PAYMENT		\$33,192.31				
	TOTAL PARTIAL PAYMENTS		\$754,425.63				
	BALANCE		\$39,706.61				
	TOTAL						\$794,132.24
	RETAINAGE						\$39,706.61
	TOTAL LESS RETAINAGE						\$754,425.63
	LESS PREVIOUS PAYMENT						\$721,233.32
	AMOUNT DUE						\$33,192.31

PARTIAL PAYMENT NO. 6 - FINAL

PREPARED BY: *James F. Funnell*
 CHECKED BY: *Bob White*
 CONTRACTOR ACCEPTANCE: *Anthony M. Brennan*