

DATE December 22, 2008

ORDERING CONSTRUCTION OF
PLEASANT DRIVE BRIDGE OVER CUMMINS CREEK
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 27, 2009
AND PUBLIC HEARING ON FEBRUARY 9, 2009
ENGINEER'S ESTIMATE IS \$1,016,787.25

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Jurisdictional Engineer, submitting plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of cost 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

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,016,787.25. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Jurisdictional Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on February 9, 2009, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the City Clerk until 11:00 a.m. on January 27, 2009, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at a public meeting presided over by the Jurisdictional Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on January 27, 2009, after which the bids together with a bid tabulation and recommendation of the Jurisdictional Engineer will be presented to the City Council at its next meeting for action thereon.

★ **Roll Call Number**

Agenda Item Number

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DATE December 22, 2008

BE IT FURTHER RESOLVED: That the City Clerk is further directed to publish a Public Notice of Storm Water Discharge in the Des Moines Register and The Business Record as required by the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the "Notice of Intent for NPDES Coverage under General Permit No. 2 for Storm Water Discharges associated with Industrial Activity for Construction Activities" on behalf of the City of Des Moines and submit said document to the Iowa Department of Natural Resources with appropriate application and permit fees.

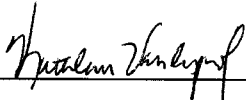
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number _____ attached.)

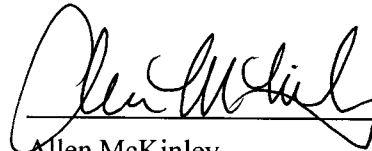
Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



Kathleen Vanderpool
Deputy City Attorney



Allen McKinley
Des Moines Finance Director

Funding Source: 2008-2009 CIP, Page BRV-12, Pleasant Drive over Cummins Creek, BRV040, Being: \$861,477.25 for bridge construction work in 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 estimated at \$155,310, which will be funded with G. O. Bonds from PKS045, Recreation Trails, Page Parks-22

Roll Call Number

Agenda Item Number

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Date December 22, 2008

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

CERTIFICATE

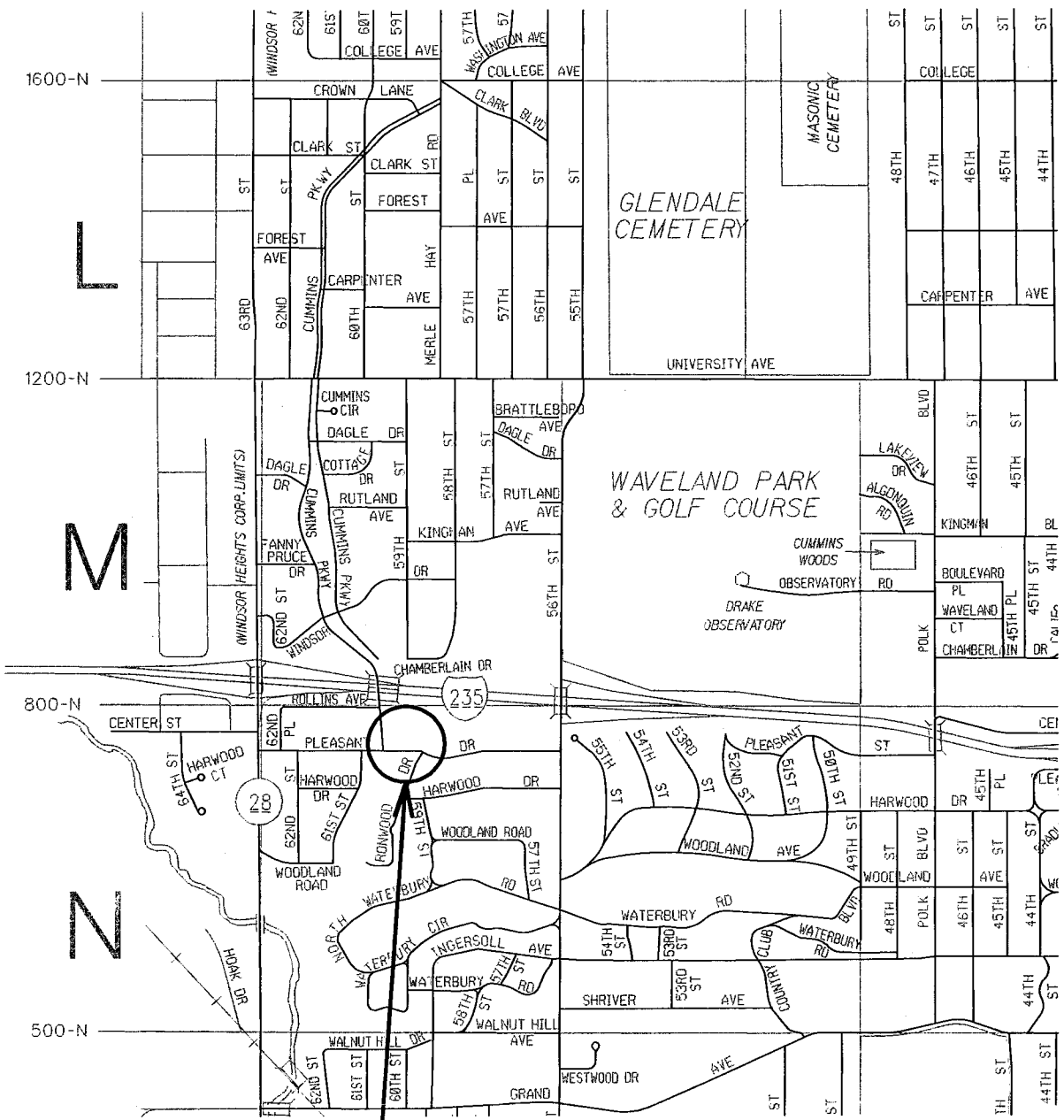
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

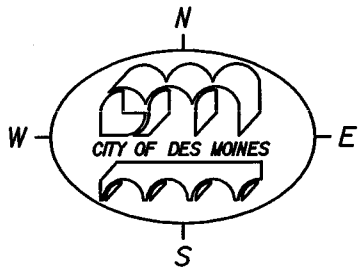
MOTION CARRIED APPROVED

Mayor

City Clerk



**PROJECT
LOCATION**



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

I:\Engineering\12\2007\1207\Present\Drawings\Loc_Map\LOC_MAP.DWG 12-12-2006 10:00

7

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 12-2007-007
IDOT PROJ NO.: None
DATE: 12/10/08

PROJECT: PLEASANT DRIVE BRIDGE OVER CUMMINS CREEK

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
	ROADWAY				
1	* Mobilization	LS	1	\$75,000.00	\$75,000.00
2	* Construction Survey	LS	1	\$15,000.00	\$15,000.00
3	* Traffic Control	LS	1	\$2,500.00	\$2,500.00
4	* Clearing and Grubbing	LS	1	\$9,000.00	\$9,000.00
5	* Pavement Removal and Disposal	SY	505	\$25.00	\$12,625.00
6	* Sidewalk Removal and Disposal	SY	110	\$20.00	\$2,200.00
7	* Removals, As Per Plan	LS	1	\$6,000.00	\$6,000.00
8	* Top Soil, Strip, Salvage and Respread	CY	320	\$50.00	\$16,000.00
9	* Excavation, Class 10	CY	780	\$35.00	\$27,300.00
10	Sewer, Storm, 15" Diameter RCP Class III	LF	220	\$50.00	\$11,000.00
11	Subdrain Connection to Storm Sewer Structure	EACH	4	\$350.00	\$1,400.00
12	Flared End Section, 15" Diameter, RCP, w/ Apron	EACH	2	\$1,200.00	\$2,400.00
13	* Removal of Existing Storm Sewer	LF	255	\$20.00	\$5,100.00
14	Installation of Utility Ducts, Per Plan	LS	1	\$80,000.00	\$80,000.00
15	Adjustment of Fixture, Valve Box Assembly	EACH	1	\$350.00	\$350.00
16	Adjustment of Fixture, Hydrant	EACH	1	\$2,000.00	\$2,000.00
17	Intake, Single Type M-A	EACH	4	\$2,750.00	\$11,000.00
18	Manhole, Storm, Type M-A, 48"	EACH	2	\$3,500.00	\$7,000.00
19	RCP Type Area Intake and Truss Pipe, Installed per Plan	LS	1	\$3,500.00	\$3,500.00
20	Bridge Approach, Double Reinforced, 12"	SY	443	\$160.00	\$70,880.00
21	Sidewalk, PCC, 5 "	SY	158	\$30.00	\$4,740.00
22	Sidewalk, PCC, 6"	SY	121	\$35.00	\$4,235.00
23	Pedestrian Ramp, PCC, 6"	SY	23	\$35.00	\$805.00
24	Truncated Domes	SF	48	\$30.00	\$1,440.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
25 *	Seed, Fertilize and Mulch, Type I, Permanent Lawn Mixture (Hydroseed)	ACRE	1	\$3,000.00	\$3,000.00
26 *	Seed, Fertilize and Mulch, Type 4, Urban Temporary Erosion Control Mixture	ACRE	1	\$1,000.00	\$1,000.00
27 *	Mulching	ACRE	1	\$500.00	\$500.00
28 *	Silt Fence	LF	600	\$2.50	\$1,500.00
29 *	Intake Protection	EACH	4	\$150.00	\$600.00
30 *	Erosion Control	LS	1	\$2,000.00	\$2,000.00
	BRIDGE				
31 *	Excavation , Class 10, Channel	CY	2250	\$5.00	\$11,250.00
32 *	Removal of Existing Bridge	LS	1	\$50,000.00	\$50,000.00
33 *	Excavation, Class 20	CY	184	\$20.00	\$3,680.00
34	Structural Concrete (Bridge)	CY	279.7	\$600.00	\$167,820.00
35	Colored Sealer Coating for Structural Concrete	SY	234.8	\$50.00	\$11,740.00
36	Reinforcing Steel, Epoxy Coated	LB	62587	\$1.25	\$78,233.75
37	Longitudinal Grooving in Concrete	SY	601	\$4.00	\$2,404.00
38	Concrete Barrier Railing, Aesthetic	LF	189.9	\$175.00	\$33,232.50
39	Steel Pipe Pedestrian Railing	LF	97.4	\$150.00	\$14,610.00
40	Ornamental Meal Railing	LF	82.4	\$80.00	\$6,592.00
41	Pile, Steel, HP10 X 42	LF	630	\$40.00	\$25,200.00
42	Pile, Steel, HP12 X 53	LF	700	\$50.00	\$35,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
43	Concrete Encasement of Steel H Piles, HP12 X53	LF	210	\$100.00	\$21,000.00
44 *	Revement, Class 'E'	TONS	550	\$45.00	\$24,750.00
45	Concrete Barrier, Approach, Modified	EACH	4	\$2,500.00	\$10,000.00
46	Modular Block Retaining Wall	SF	3500	\$35.00	\$122,500.00
47 *	Temporary Access, Stream	LS	1	\$10,000.00	\$10,000.00
48	Under Bridge Lighting, Conduit,Wire, Fixtures, Complete Per Plan	LS	1	\$2,500.00	\$2,500.00
49 *	Chain Link Fence, 48", Black Vinyl Coated	LF	310	\$20.00	\$6,200.00

Prepared By: Foth/Engineering Alliance

Checked By: _____

TOTAL CONSTRUCTION COST \$1,016,787.25

* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$285,205.00