

DATE May 24, 2010

ORDERING CONSTRUCTION OF
JACKSON AVENUE DETENTION BASIN PUMP STATION
AND FIXING A DATE FOR RECEIVING OF BIDS ON JUNE 15, 2010
AND PUBLIC HEARING ON JUNE 28, 2010
ENGINEER'S ESTIMATE IS \$6,150,000.00

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:

Jackson Avenue Detention Basin Pump Station, 08-2009-004
08-DRI-235

The improvement includes construction of a storm water pump station, regrading of Jackson basin, installation of 486' of 14' X 5' RC Box Culvert, 110' of 42" sewer and miscellaneous associated work including cleanup and other incidental items; in accordance with the contract documents, including Plans File Nos. 516-144/180, at the Jackson Avenue Detention Basin, 1503 SE 9th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$6,150,000.00. 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 June 28, 2010, 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 June 15, 2010, 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 June 15, 2010, 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.

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.



Roll Call Number

Agenda Item Number

7F

DATE May 24, 2010

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 10-289 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Allen McKinley
Des Moines Finance Director

Funding Source: 2010-2011 CIP, Page Storm-7, Crawford Creek - Watershed Improvements, STE074, Being: \$5,000,000 maximum in HUD Disaster funds from the Iowa Department of Economic Development for 100% of construction costs associated with the Jackson Avenue Detention Basin Pump Station in Federal Jumpstart Infrastructure Assistance funds, and the remainder in Storm Water Utility Funds

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

MOTION CARRIED

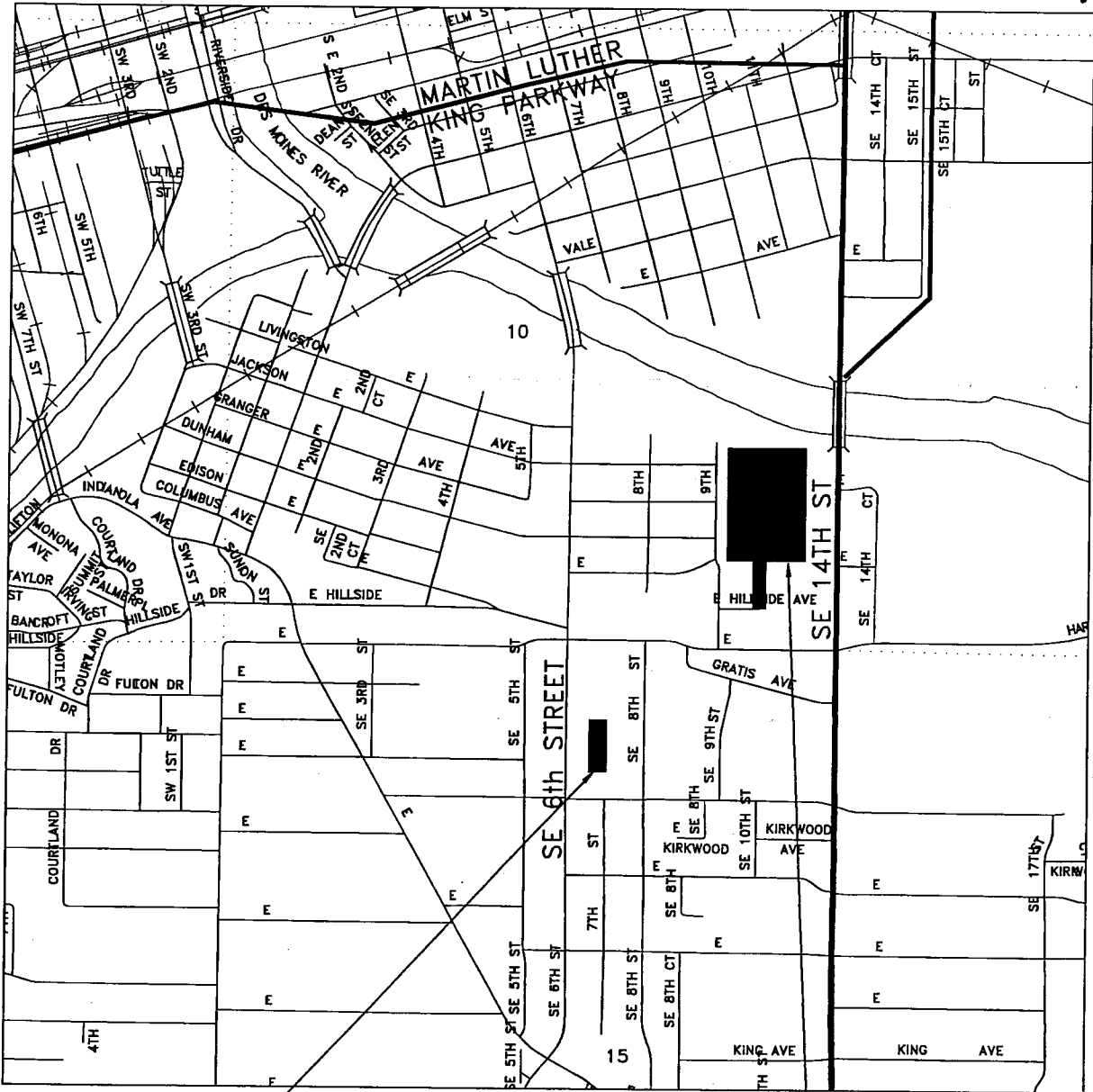
APPROVED

Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, 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



SE 6th
PROJECT
LOCATION

LOCATION MAP
NTS



JACKSON AVENUE
PROJECT
LOCATION

JACKSON AVENUE DETENTION BASIN PUMP STATION ACTIVITY I.D. 08-2009-004

7 F

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2009-004
IDOT PROJ NO.: None
DATE: 05/07/10

PROJECT: Jackson Avenue Detention Basin Pump Station

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* PROJECT SIGN LARGE - IDED	LS	1	\$1,000.00	\$1,000.00
2	* MOBILIZATION	LS	1	\$115,402.56	\$115,402.56
3	* EROSION CONTROL	LS	1	\$15,000.00	\$15,000.00
4	* CONSTRUCTION STAKING	LS	1	\$7,000.00	\$7,000.00
5	2" ASPHALT OVERLAY	TON	85	\$55.00	\$4,675.00
JACKSON BASIN - Bid Items 6-37					
6	* CLEARING AND GRUBBING	LS	1	\$10,000.00	\$10,000.00
7	* EXCAVATION CLASS 10	CY	35	\$30.00	\$1,050.00
8	* TOPSOIL, STRIP SALVAGE AND SPREAD	CY	28200	\$4.00	\$112,800.00
9	CUNETTE	LF	1964	\$100.00	\$196,400.00
10	* 12" SUBGRADE PREPARATION	LF	1964	\$2.00	\$3,928.00
11	6" SUBDRAIN (TYPE 2)	LF	13986	\$13.00	\$181,818.00
12	8" SUBDRAIN (TYPE 2)	LF	1015	\$15.00	\$15,225.00
13	6" SUBDRAIN CLEANOUT (TYPE 2)	EA	15	\$300.00	\$4,500.00
14	8" SUBDRAIN CLEANOUT (TYPE 2)	EA	2	\$500.00	\$1,000.00
15	ACCESS ROAD GEOGRID SUBGRADE TREATMENT	SY	1772	\$3.00	\$5,316.00
16	* SITE AND ACCESS ROAD GRANULAR DRIVEWAY SURFACING	SY	1866	\$11.00	\$20,526.00
17	* CHAIN LINK FENCE, 96" HEIGHT, W/ THREE WIRE BARBED.	FT	255	\$35.00	\$8,925.00
18	* CHAIN LINK FENCE GATE, 16 FEET WIDE	EA	1	\$2,000.00	\$2,000.00
19	* CHAIN LINK FENCE GATE, 4 FEET WIDE	EA	2	\$500.00	\$1,000.00
20	STORM SEWER, 84" CLASS 3 RCP	LF	204	\$400.00	\$81,600.00
21	* FOUNDATION ROCK	TON	200	\$25.00	\$5,000.00
22	GUARDPOST, BOLLARD	EA	10	\$500.00	\$5,000.00
23	* ENGINE GENERATOR	LS	1	\$564,504.44	\$564,504.44

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
24 *	ENGINE GENERATOR (INSTALLATION)	EA	1	\$81,000.00	\$81,000.00
25	CONCRETE GENERATOR FOUNDATION PAD	EA	1	\$13,000.00	\$13,000.00
26	CONCRETE TRANSFORMER FOUNDATION PAD	EA	1	\$1,200.00	\$1,200.00
27	DES MOINES RIVER HEADWALL	EA	1	\$125,000.00	\$125,000.00
28 *	STORMWATER PUMPS	LS	1	\$823,695.00	\$823,695.00
29	PUMP STATION AND DROP STRUCTURE	LS	1	\$3,010,000.00	\$3,010,000.00
30	EXISTING GATE STRUCTURE ACTUATORS AND FLOATS	LS	1	\$84,000.00	\$84,000.00
31 *	SEEDING AND MULCHING LEVEE MIX	ACRE	23	\$3,000.00	\$69,000.00
32 *	SEEDING, STABILIZING CROP	ACRE	1.5	\$3,000.00	\$4,500.00
33 *	REVTMENT CLASS D	TON	185	\$15.00	\$2,775.00
34	LEVEE RESTORATION	EA	1	\$20,000.00	\$20,000.00
35	EXISTING BOX CULVERT APRON REPAIR	LS	1	\$30,000.00	\$30,000.00
36 *	TREE PROTECTION	LS	1	\$500.00	\$500.00
37 *	TREE FENCE PROTECTION	LF	125	\$10.00	\$1,250.00
SE STORM FROM SCORNOVACCA's - Bid Items 38-44					
38 *	CLEARING AND GRUBBING	LS	1	\$20,000.00	\$20,000.00
39	STORM SEWER, 14'X5' RCBC	LF	486	\$750.00	\$364,500.00
40	SPECIAL STRUCTURE #1	LS	1	\$35,000.00	\$35,000.00
41 *	SEEDING	ACRE	1.1	\$3,500.00	\$3,850.00
42 *	CHAIN LINK FENCE, HEIGHT TO MATCH EXISTING	LF	500	\$25.00	\$12,500.00
43	CONCRETE PAVING	SY	45	\$100.00	\$4,500.00
44	WOOD FENCE, 72"	LF	115	\$30.00	\$3,450.00
E. HILLSIDE AVENUE - Bid Items 45-51					
45 *	CLEARING AND GRUBBING	LS	1	\$300.00	\$300.00
46	DRAINAGE CHANNEL	LF	340	\$20.00	\$6,800.00
47 *	CHAINLINK FENCE, HEIGHT TO MATCH EXISTING	LF	60	\$20.00	\$1,200.00
48 *	SOD	SQ	36	\$30.00	\$1,080.00
49 *	TREE PROTECTION	LS	1	\$200.00	\$200.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
50 *	TREE FENCE PROTECTION	LF	394	\$10.00	\$3,940.00
51 *	EROSION STONE	TON	2	\$15.00	\$30.00
SE 6th STREET - Bid Items 52-59					
52 *	CLEARING AND GRUBBING	LS	1	\$3,000.00	\$3,000.00
53	STORM SEWER, 42" CLASS 3 RCP	LF	184	\$200.00	\$36,800.00
54	INTAKE STRUCTURES	EA	2	\$5,000.00	\$10,000.00
55	DRAIN CONNECTIONS	EA	2	\$1,000.00	\$2,000.00
56 *	SOD	SQ	77	\$30.00	\$2,310.00
57 *	CHAINLINK FENCE, HEIGHT TO MATCH EXISTING	LF	70	\$20.00	\$1,400.00
58 *	TREE PROTECTION	LS	1	\$200.00	\$200.00
59 *	TREE FENCE PROTECTION	LF	490	\$15.00	\$7,350.00
Prepared By: Michael Halde Checked By: _____					TOTAL CONSTRUCTION COST \$6,150,000.00

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

* Estimate Total= \$1,908,216.00