

DATE February 14, 2011

ORDERING CONSTRUCTION OF
COURT AVENUE AND WATER STREET SEWER SEPARATION
AND FIXING A DATE FOR RECEIVING OF BIDS ON MARCH 1, 2011
AND PUBLIC HEARING ON MARCH 14, 2011
ENGINEER'S ESTIMATE IS \$4,000,000.00

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:

Court Avenue and Water Street Sewer Separation, 08-2009-003
08-DRI-032

The improvement includes construction of storm sewer ranging from 12" to 66" diameter, storm sewer structures, sanitary conflict structures, storm sewer jacked in place, watermain, traffic signal system, and portland cement concrete paving, subdrain, sidewalks, brick sidewalks and crosswalks, hot mix asphalt overlays, pavement markings, and miscellaneous associated work including cleanup and other incidental items; in accordance with the contract documents, including Plans File Nos. 527-024/101, located in Court Avenue from Water Street to 2nd Avenue, 2nd Avenue from Court Avenue to Grand Avenue, and Grand Avenue from 2nd Avenue to 3rd Street in downtown Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$4,000,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines 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 March 14, 2011, 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 March 1, 2011, 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 March 1, 2011, 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

7B

DATE February 14, 2011

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.

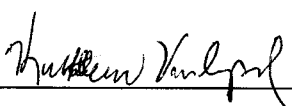
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

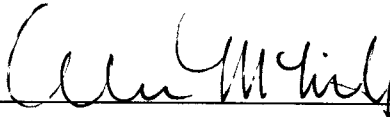
(City Council Communication Number 11-096 attached.)

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-6, Court Avenue/Water Street Sewer Separation, STE081, Being: \$1,296,841.98 in HUD Disaster funds (Federal Jumpstart Infrastructure Assistance funds) from the Iowa Department of Economic Development (remainder of the \$1,610,000 grant allocated for Phase 2 storm sewer construction costs), \$1,051,450.72 in I-JOBS II Targeted Disaster Relief Grant funds (remainder of the \$3,050,000 I-JOBS II Grant), and the remaining \$1,651,707.30 in City Storm Water Utility Revenue Bonds issued from STE081

7B

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2009-003
IDOT Project No: None
Date: 1/21/11

PROJECT: COURT AVENUE & WATER STREET SEWER SEPARATION

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	TRAFFIC CONTROL - DIVISION 1	LS	1.0	\$60,000.00	\$60,000.00
2	CONSTRUCTION STAKING - DIVISION 1	LS	1.0	\$22,500.00	\$22,500.00
3	MOBILIZATION	LS	1.0	\$100,000.00	\$100,000.00
4	PROJECT SIGN	EACH	2.0	\$2,000.00	\$4,000.00
5	CLEARING AND GRUBBING	DI	24.0	\$80.00	\$1,920.00
6	TREE PROTECTION	LS	1.0	\$2,000.00	\$2,000.00
7	TREE PROTECTION FENCE	LF	478.0	\$3.00	\$1,434.00
8	REMOVAL OF EXISTING MANHOLE/INTAKE	EACH	15.0	\$2,500.00	\$37,500.00
9	PAVEMENT REMOVAL/DISPOSITION	SY	8061.0	\$10.00	\$80,610.00
10	SIDEWALK, DRIVEWAY, REMOVAL/DISPOSITION	SY	1813.0	\$7.00	\$12,691.00
11	REMOVAL OF EXISTING PIPE - LESS THAN 36"	LF	265.0	\$20.00	\$5,300.00
12	SUBGRADE PREPARATION	SY	8100.0	\$4.00	\$32,400.00
13	MODIFIED SUBBASE	SY	7823.0	\$10.00	\$78,230.00
14	SUBDRAIN, TYPE 1	LF	1880.0	\$15.00	\$28,200.00
15	STORM SEWER JACKED IN PLACE, 54" RCPP C-25 MOD.	LF	304.0	\$2,000.00	\$608,000.00
16	STORM SEWER JACKED IN PLACE, 66" RCPP C-25 MOD.	LF	128.0	\$2,500.00	\$320,000.00
17	STORM SEWER, 12" CLASS 5 RCP	LF	6.0	\$50.00	\$300.00
18	STORM SEWER, 15" CLASS 3 RCP	LF	85.0	\$50.00	\$4,250.00
19	STORM SEWER, 15" CLASS 5 RCP	LF	88.0	\$55.00	\$4,840.00
20	STORM SEWER, 18" CLASS 3 RCP	LF	134.0	\$60.00	\$8,040.00
21	STORM SEWER, 18" CLASS 5 RCP	LF	72.0	\$65.00	\$4,680.00
22	STORM SEWER, 24" CLASS 3 RCP	LF	30.0	\$70.00	\$2,100.00
23	STORM SEWER, 42" CLASS 3 RCP	LF	45.0	\$120.00	\$5,400.00
24	STORM SEWER, 15" RCPP B-25	LF	150.0	\$80.00	\$12,000.00
25	STORM SEWER, 18" RCPP B-25	LF	129.0	\$90.00	\$11,610.00
26	STORM SEWER, 18" RCPP C-25	LF	41.0	\$110.00	\$4,510.00
27	STORM SEWER, 24" RCPP B-25	LF	88.0	\$140.00	\$12,320.00
28	STORM SEWER, 24" RCPP C-25	LF	17.0	\$150.00	\$2,550.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
29	STORM SEWER, 42" RCPP C-25	LF	20.0	\$200.00	\$4,000.00
30	STORM SEWER, 54" RCPP B-25	LF	546.0	\$400.00	\$218,400.00
31	STORM SEWER, 54" RCPP C-25	LF	669.0	\$450.00	\$301,050.00
32	STORM SEWER, 66" RCPP C-25	LF	120.0	\$550.00	\$66,000.00
33	STORM SEWER, 66" RCPP D-25	LF	47.0	\$600.00	\$28,200.00
34	STORM SEWER, 12" DI CL 52	LF	75.0	\$120.00	\$9,000.00
35	STORM SEWER, 14" DI CL 52	LF	16.0	\$130.00	\$2,080.00
36	STORM SEWER, 16" DI CL 52	LF	51.0	\$140.00	\$7,140.00
37	STORM SEWER, 18" DI CL 52	LF	58.0	\$150.00	\$8,700.00
38	STORM SEWER, 24" DI CL 52	LF	169.0	\$200.00	\$33,800.00
39	STORM SEWER, 30" DI CL 52	LF	64.0	\$250.00	\$16,000.00
40	STORM SEWER, 54" DI CL 53	LF	40.0	\$600.00	\$24,000.00
41	SANITARY SEWER, 12" DI	LF	20.0	\$120.00	\$2,400.00
42	SANITARY SEWER, 16" DI	LF	10.0	\$140.00	\$1,400.00
43	SANITARY SEWER SERVICE PIPE, 6" DI	LF	80.0	\$100.00	\$8,000.00
44	STORM MANHOLE, TYPE M-A, 48"	EACH	3.0	\$3,000.00	\$9,000.00
45	STORM MANHOLE, TYPE M-A, 72"	EACH	2.0	\$5,000.00	\$10,000.00
46	STORM MANHOLE, TYPE M-A, 84"	EACH	1.0	\$10,000.00	\$10,000.00
47	STORM MANHOLE, TYPE M-A, 96"	EACH	1.0	\$12,000.00	\$12,000.00
48	STORM MANHOLE, TYPE M-C	EACH	2.0	\$1,000.00	\$2,000.00
49	STORM MANHOLE, TYPE M-D	EACH	6.0	\$15,000.00	\$90,000.00
50	STORM MANHOLE, TYPE M-D MOD.	EACH	2.0	\$17,000.00	\$34,000.00
51	INTAKE, M-A	EACH	3.0	\$3,000.00	\$9,000.00
52	INTAKE, M-B MOD., 96"	EACH	1.0	\$12,000.00	\$12,000.00
53	INTAKE, M-C MOD.	EACH	1.0	\$5,000.00	\$5,000.00
54	INTAKE, M-D	EACH	7.0	\$4,000.00	\$28,000.00
55	INTAKE, M-D MOD.	EACH	4.0	\$5,000.00	\$20,000.00
56	INTAKE, M-E	EACH	1.0	\$5,000.00	\$5,000.00
57	INTAKE, M-E MOD.	EACH	1.0	\$6,000.00	\$6,000.00
58	INTAKE, M-H	EACH	11.0	\$3,000.00	\$33,000.00
59	INTAKE, M-I	EACH	3.0	\$4,000.00	\$12,000.00

7B

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
60	INTAKE, M-I MOD.	EACH	1.0	\$5,000.00	\$5,000.00
61	INTAKE 59 RECONSTRUCT	EACH	1.0	\$5,000.00	\$5,000.00
62	INTAKE 64 RECONSTRUCT	EACH	1.0	\$5,000.00	\$5,000.00
63	SPECIAL STRUCTURE 12	EACH	1.0	\$75,000.00	\$75,000.00
64	SPECIAL STRUCTURE 38	EACH	1.0	\$75,000.00	\$75,000.00
65	SPECIAL STRUCTURE 48	EACH	1.0	\$75,000.00	\$75,000.00
66	FLOWABLE MORTAR	CY	10.0	\$100.00	\$1,000.00
67	PCC PAVEMENT, 12" C-4	SY	1460.0	\$80.00	\$116,800.00
68	PCC PAVEMENT, 12" M-4	SY	83.0	\$85.00	\$7,055.00
69	PCC PAVEMENT, 10" BASE C-4	SY	4585.0	\$60.00	\$275,100.00
70	PCC PAVEMENT, 10" BASE M-4	SY	1530.0	\$65.00	\$99,450.00
71	PCC PAVEMENT, 10" M-4 WITH BRICKS	SY	170.0	\$85.00	\$14,450.00
72	HMA 1M S 1/2, 2" THICKNESS	TON	969.0	\$100.00	\$96,900.00
73	HMA COMMERCIAL MIX	TON	60.0	\$150.00	\$9,000.00
74	HMA 1M S 1/2, VARIABLE THICKNESS	TON	30.0	\$100.00	\$3,000.00
75	PAVEMENT SCARIFICATION, MILLED	SY	2175.0	\$5.00	\$10,875.00
76	PCC DRIVEWAY, 8" C-4	SY	11.0	\$60.00	\$660.00
77	PCC DRIVEWAY, 12" C-4	SY	50.0	\$80.00	\$4,000.00
78	PCC DRIVEWAY, 12" M-4	SY	111.0	\$85.00	\$9,435.00
79	PCC SIDEWALK, 4" C-4 BASE WITH BRICK	SY	95.0	\$50.00	\$4,750.00
80	PCC SIDEWALK, 8" C-4 BASE WITH BRICK	SY	135.0	\$60.00	\$8,100.00
81	PCC SIDEWALK, 6" C-4	SY	1495.0	\$45.00	\$67,275.00
82	DETECTABLE WARNINGS, BRICK PAVERS	SF	136.0	\$50.00	\$6,800.00
83	DETECTABLE WARNINGS, PANELS	SF	156.0	\$40.00	\$6,240.00
84	PCC CURB, TYPE 1	LF	419.0	\$20.00	\$8,380.00
85	PCC CURB, TYPE 2	LF	66.0	\$20.00	\$1,320.00
86	PCC CURB, TYPE 3	LF	88.0	\$20.00	\$1,760.00
87	PCC DECORATIVE CROSSWALK BORDER	SY	56.0	\$100.00	\$5,600.00
88	TEMPORARY GRANULAR SURFACING MATERIAL	TON	300.0	\$30.00	\$9,000.00
89	TRAFFIC SIGNALIZATION	LS	1.0	\$75,000.00	\$75,000.00
90	INLET FILTER, COMPOST FILTER TUBE	LF	1500.0	\$10.00	\$15,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
91	REMOVE LIGHT POLES, STORE AND RESET	EACH	4.0	\$3,000.00	\$12,000.00
92	SOD	SQ	5.0	\$50.00	\$250.00
93	LANDSCAPE CRUSHED BRICK CHIPS	TON	20.0	\$50.00	\$1,000.00
94	FLAGGERS	DAY	200.0	\$350.00	\$70,000.00
95	EROSION CONTROL	LS	1.0	\$5,150.00	\$5,150.00
96	PAINTED PAVEMENT MARKINGS, DURABLE	STA	79.0	\$305.00	\$24,095.00
97	PAINTED SYMBOL AND LEGEND, DURABLE	EACH	7.0	\$500.00	\$3,500.00
98	PAINTED PAVEMENT MARKINGS, WATERBORNE	STA	25.0	\$100.00	\$2,500.00
99	PAINT MARKING REMOVED	STA	27.0	\$100.00	\$2,700.00
100	SYMBOL AND LEGEND, REMOVED	EACH	2.0	\$50.00	\$100.00
101	PERMANENT TAPE MARKINGS	STA	41.0	\$310.00	\$12,710.00
102	ARCHAEOLOGICAL SUPPORT	HOUR	240.0	\$250.00	\$60,000.00
103	PIPE PLUGS	EACH	10.0	\$300.00	\$3,000.00
104	12" DUCTILE IRON PIPE	LF	643.0	\$130.00	\$83,590.00
105	8" DUCTILE IRON PIPE	LF	7.0	\$200.00	\$1,400.00
106	12" BEND	EACH	3.0	\$1,500.00	\$4,500.00
107	8" BEND	EACH	2.0	\$1,200.00	\$2,400.00
108	12" SLEEVE	EACH	1.0	\$800.00	\$800.00
109	8" SLEEVE	EACH	1.0	\$600.00	\$600.00
110	12" X 12" TEE	EACH	1.0	\$2,000.00	\$2,000.00
111	10" X 8" TEE	EACH	1.0	\$1,800.00	\$1,800.00
112	12" X 10" REDUCER	EACH	1.0	\$1,000.00	\$1,000.00
113	CAP 10" WATER MAIN STA. 30+29	EACH	1.0	\$7,500.00	\$7,500.00
114	CAP 8" WATER MAIN STA. 42+23	EACH	1.0	\$6,500.00	\$6,500.00
115	REMOVE 2 - 20" TEES AND INSTALL 20" D.I. PIPE AND SOLID SLEEVES STA. 35+09	EACH	1.0	\$20,000.00	\$20,000.00
116	REMOVE 8" X 6" 4-WAY AND INSTALL 6" D.I. PIPE AND SOLID SLEEVES STA. 38+86	EACH	1.0	\$10,000.00	\$10,000.00
117	12" GATE VALVE	EACH	2.0	\$3,000.00	\$6,000.00
118	8" GATE VALVE	EACH	1.0	\$2,000.00	\$2,000.00
119	INSTALL 6" GATE VALVE ON EXISTING PIPING	EACH	1.0	\$7,500.00	\$7,500.00
120	HYDRANT ASSEMBLY	EACH	2.0	\$4,000.00	\$8,000.00
121	REMOVE HYDRANT ASSEMBLY	EACH	3.0	\$800.00	\$2,400.00

