



DATE January 25, 2016

ORDERING CONSTRUCTION OF
E. 46TH STREET AND HUBBELL AVENUE INTERSECTION IMPROVEMENTS
AND FIXING A DATE FOR RECEIVING OF BIDS ON FEBRUARY 9, 2016
AND PUBLIC HEARING ON FEBRUARY 22, 2016
ENGINEER'S ESTIMATE IS \$1,420,000.00

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 Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

E. 46th Street and Hubbell Avenue Intersection Improvements, 06-2014-005
CS-TSF-1945(808)--85-77, UST-6-4(167)--4A-77

The improvement includes widening of Hubbell Avenue at E. 46th Street, installation of new traffic signals, 10-inch Portland Cement Concrete (PCC) pavement base widening, Hot Mix Asphalt (HMA) overlay, removals, earthwork, clearing, grubbing, erosion control, sidewalks, driveways, pavement subdrains, storm sewers, and traffic control; all in accordance with the contract documents including Plan File Nos. 571-009/114, located at the intersection of E. 46th Street and Hubbell Avenue, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,420,000.00. 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 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 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 22, 2016, 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 Des Moines City Clerk until 11:00 a.m. on February 9, 2016, 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 Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on February 9, 2016, after which the bids together with a bid tabulation and recommendation of the 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

6A

DATE January 25, 2016

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.

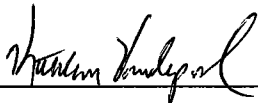
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 16-045 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE




Kathleen Vanderpool
Deputy City Attorney

Daniel E. Ritter
Des Moines Finance Director

Funding Source: 2015-2016 CIP, Page Street - 12, East 46th and Hubbell Ave Intersection Improvements, ST254, Being:

ACE \$500,000 (maximum) in Iowa DOT Traffic Safety Funds; \$200,000 (maximum) in Iowa DOT Urban State Traffic Engineering Program (USTEP) Funds; \$102,670 in Storm Water Utility Funds, Page Storm - 4, City-wide Storm Water Utility, SM057; and the remaining \$617,330 in G.O. Bonds, ST254.

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
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

6 A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2014-005
IDOT PROJ NO.: CS-TSF-1945(808)--85-77
& PROJ NO.: STPN-6-4(167)--4A-77
12/6/2015

PROJECT: E 46TH STREET AND HUBBELL AVENUE INTERSECTION IMPROVEMENTS

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	Clearing and Grubbing	ACRE	0.31	\$25,000.00	\$7,750.00
2	Topsoil, Strip, Salvage and Spread	CY	1245	\$20.00	\$24,900.00
3	Special Compaction of Subgrade	STA	24.2	\$600.00	\$14,520.00
4	Special Supplemental Subbase, 2"	SY	1160	\$5.00	\$5,800.00
5	Special Supplemental Subbase, 6"	SY	990	\$14.00	\$13,860.00
6	Modified Subbase	CY	1185	\$35.00	\$41,475.00
7	Shoulder Finishing, Earth	STA	29.8	\$500.00	\$14,900.00
8	Excavation, Class 13, For Widening	CY	2800	\$22.00	\$61,600.00
9	Base Widening, 10" P. C. Concrete Pavement	SY	1360	\$75.00	\$102,000.00
10	Pavement Scarification	SY	5350	\$6.00	\$32,100.00
11	Portland Cement Concrete Pavement Samples	LS	1	\$3,000.00	\$3,000.00
12	Hot Mix Asphalt Mixture (3,000,000 ESAL), Intermed. Course, 1/2 inch Mix	TON	575	\$160.00	\$92,000.00
13	Hot Mix Asphalt Mixture (3,000,000 ESAL), Surface Course, 1/2 inch Mix	TON	805	\$120.00	\$96,600.00
14	Asphalt Binder, PG 64-22	TON	87	\$600.00	\$52,200.00
15	Hot Mix Asphalt Pavement Samples	LS	1	\$3,000.00	\$3,000.00
16	Surfacing, Driveway, Class A Crushed Stone	TON	130	\$35.00	\$4,550.00
17	Structural Concrete, Miscelaneous	CY	2.1	\$2,500.00	\$5,250.00
18	Reinforcing Steel, Epoxy Coated	LB	268	\$2.00	\$536.00
19	Segmental Block Retaining Wall	SF	1120	\$45.00	\$50,400.00
20	Manhole, Storm Sewer, SW-402	EACH	3	\$7,500.00	\$22,500.00
21	Manhole, Storm Sewer, SW-402, Modified	EACH	3	\$8,500.00	\$25,500.00
22	Manhole, Storm Sewer, SW-405, 48 In.	EACH	1	\$9,000.00	\$9,000.00
23	Intake, SW-501	EACH	2	\$4,400.00	\$8,800.00
24	Intake, SW-507	EACH	9	\$6,000.00	\$54,000.00
25	Intake, SW-509	EACH	2	\$8,000.00	\$16,000.00
26	Intake, SW-512	EACH	1	\$2,800.00	\$2,800.00
27	Manhole Adjustment, Minor	EACH	1	\$800.00	\$800.00
28	Manhole Adjustment, Major	EACH	1	\$2,000.00	\$2,000.00
29	Subdrain, PVC Standard, Perferated, 4 In.	LF	1710	\$18.00	\$30,780.00
30	Subdrain, Outlet, DR-303	EACH	11	\$350.00	\$3,850.00
31	Storm Sewer Gravity Main, Trenched, RCP, Class 3, 15 In.	LF	310	\$100.00	\$31,000.00
32	Storm Sewer Gravity Main, Trenched, RCP, Class 3, 18 In.	LF	25	\$150.00	\$3,750.00
33	Storm Sewer Gravity Main, Trenched, RCP, Class 3, 54 In.	LF	75	\$370.00	\$27,750.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
34	Remove Storm Sewer Pipe, less than or equal to 36" Dia.	LF	140	\$80.00	\$11,200.00
35	Revetment, Class E	TON	80	\$70.00	\$5,600.00
36	Erosion Stone	TON	20	\$50.00	\$1,000.00
37	Removal of Driveway	SY	360	\$20.00	\$7,200.00
38	Removal of Pavement	SY	1335	\$15.00	\$20,025.00
39	Removal of Sidewalk	SY	175	\$20.00	\$3,500.00
40	Removal of Intakes and Utility Accesses	EACH	6	\$600.00	\$3,600.00
41	Sidewalk, P.C. Concrete, 4 IN	SY	691.6	\$58.00	\$40,112.80
42	Sidewalk, P.C. Concrete, 6 IN	SY	41	\$80.00	\$3,280.00
43	Detectable Warnings for Curb Ramps	SF	52.6	\$45.00	\$2,367.00
44	Curb and Gutter, P.C. Concrete, As Per Plan(2.5 Ft, 11 in.)	LF	655	\$45.00	\$29,475.00
45	Driveway, PC Concrete, 6 In.	SY	455	\$80.00	\$36,400.00
46	Flume Pavement, Storm Outlet	SY	70	\$75.00	\$5,250.00
47	Safety Closure	EACH	2	\$200.00	\$400.00
48	Fence, Chain Link, 48" Height	LF	160	\$25.00	\$4,000.00
49	Traffic Signalization	LS	1	\$200,000.00	\$200,000.00
50	Painted Pavement Markings, Waterborne or Solvent-Based	STA	90	\$15.00	\$1,350.00
51	Permanent Tape Markings, Profiled Pavement Marking Tape	STA	53.4	\$390.00	\$20,826.00
52	Permanent Tape Markings, Intersection Marking Tape	STA	11.3	\$375.00	\$4,237.50
53	Painted Symbols and Legends, Waterborne or Solvent-Based	EACH	2	\$90.00	\$180.00
54	Precut Symbols and Legends, Intersection Marking Tape	EACH	2	\$550.00	\$1,100.00
55	Pavement Markings Removed	STA	61.1	\$26.00	\$1,588.60
56	Symbols and Legends Removed	EACH	2	\$100.00	\$200.00
57	Traffic Control	LS	1	\$30,000.00	\$30,000.00
58	Informational Sign	SF	85.5	\$25.00	\$2,137.50
59	Changeable Message Signs, Portable	CDAY	20	\$120.00	\$2,400.00
60	Mobilization	LS	1	\$45,654.60	\$45,654.60
61	Traffic Direction-Uniformed Police Officer	EACH	10	\$650.00	\$6,500.00
62	Sewer Pipe Support	EACH	1	\$900.00	\$900.00
63	Water Service Stop Box, New Housing	EACH	5	\$600.00	\$3,000.00
64	Water Service Stop Box, New Rod	EACH	5	\$600.00	\$3,000.00
65	Water Service Stop Box, Raise Meter Pit to Grade	EACH	1	\$800.00	\$800.00
66	Stormwater Polution Prevention	LS	1	\$4,000.00	\$4,000.00
67	Tree Protection Plan	EACH	1	\$2,000.00	\$2,000.00
68	Tree Protection Fence	LF	210	\$4.00	\$840.00
69	Mulching	ACRE	3.54	\$2,000.00	\$7,080.00
70	Seeding & Fertilizing(Urban)	ACRE	1	\$1,000.00	\$1,000.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
71	Sodding	SQ	315	\$80.00	\$25,200.00
72	Turf Reinforcement Mat, Type 3	SQ	4	\$200.00	\$800.00
73	Silt Fence	LF	2960	\$3.00	\$8,880.00
74	Silt Fence for Ditch check	LF	60	\$2.00	\$120.00
75	Removal of Silt Fence or silt fence for ditch checks	LF	60	\$1.00	\$60.00
76	Perimeter and slope sediment control device, 12 in. dia.	LF	790	\$2.50	\$1,975.00
77	Removal of Perimeter and slope sediment control device	LF	790	\$1.00	\$790.00
78	Mobilizations, erosion control	EACH	10	\$500.00	\$5,000.00

Prepared By: Bruce Rydberg

Checked By: _____

TOTAL CONSTRUCTION COST \$1,420,000.00