

DATE February 14, 2011

ORDERING CONSTRUCTION OF  
MULBERRY STREET PAVING - 13TH STREET TO 15TH STREET  
AND FIXING A DATE FOR RECEIVING OF BIDS ON MARCH 1, 2011  
AND PUBLIC HEARING ON MARCH 14, 2011  
ENGINEER'S ESTIMATE IS \$3,430,000.00

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:

Mulberry Street Paving - 13th Street to 15th Street, 06-2010-017

The improvement includes clearing and grubbing, rubble and structure removal, pavement removal, excavation of approximately 25,000 cy, and importation of approximately 60,500 cy of fill material, storm and sanitary sewer, water main, subdrains, modified base, PCC pavement driveways and sidewalks, composite patches, modular block wall, fence, traffic signals, pavement markings, erosion control, landscaping and site restoration; all in accordance with the contract documents including Plan File Nos. 528-001/182 at Mulberry Street from 13th Street to 15th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,430,000.00. 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

7D

DATE February 14, 2011

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 11-090 attached.)

Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool  
Deputy City Attorney

Allen McKinley  
Des Moines Finance Director

Funding Source: Mulberry Street Paving - 13th/15th, STR247, Being:  
\$745,342 in TIF backed G.O. Bonds STR247 – Mulberry Street Paving 13th/15th; \$661,721 transfer of TIF  
~~2FB~~ Backed G.O. Bonds 2011-2012 CIP, Page FIR-5, Central Fire Station, FIR039; \$653,956 Storm Water Utility  
Funds; \$117,254 Sanitary Sewer Funds; \$314,527.00 - Central Iowa Social Services; \$137,200 - Des Moines  
Water Works; and the remaining \$800,000 of TIF backed G.O. Bonds to be issued (\$185,000 proposed from  
STR247, and \$615,000 2011-2012 CIP, Page Municipal Building 12, Municipal Service Center, BLD124)

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

MOTION CARRIED

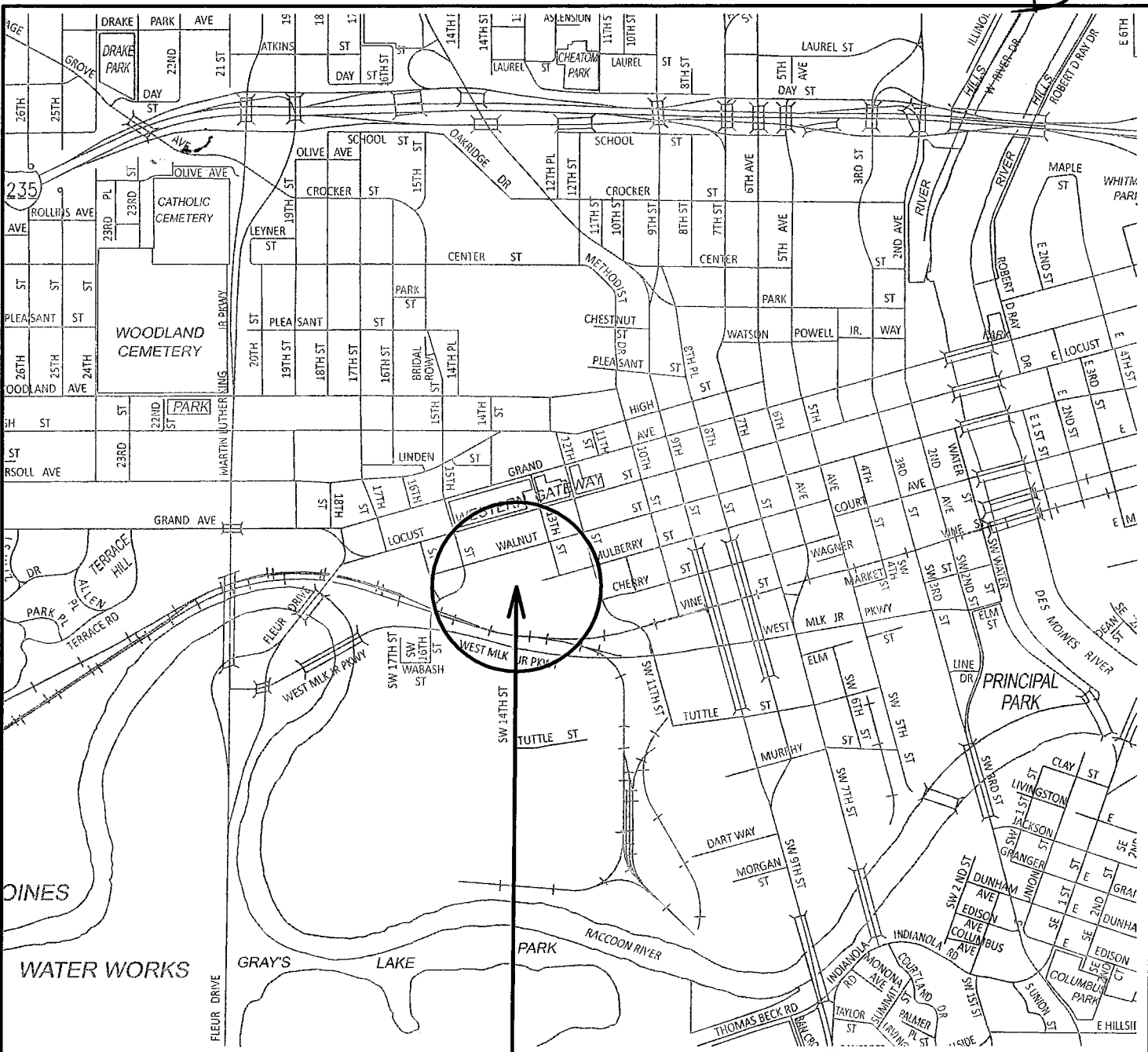
APPROVED

\_\_\_\_\_  
Mayor

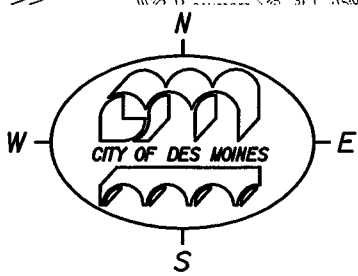
I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

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

\_\_\_\_\_  
City Clerk



**PROJECT  
LOCATION**



**MULBERRY STREET PAVING -  
13TH STREET TO 15TH STREET  
ACTIVITY I.D. 06-2010-017**

7D

# CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 06-2010-017  
IDOT Project No: None  
Date: 1/28/11

## PROJECT: MULBERRY STREET PAVING - 13TH STREET TO 15TH STREET

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Clearing and Grubbing	ACRE	1.1	\$10,000.00	\$11,000.00
2	* Rubble Removal	LS	1	\$75,000.00	\$75,000.00
3	* Remove Storm Sewer Less Than or Equal to 36"	LF	170	\$20.00	\$3,400.00
4	* Remove Storm Sewer Greater Than 36"	LF	8	\$100.00	\$800.00
5	* Remove and Reinstall Concrete Pipe Apron Less Than or Equal to 36"	EA	1	\$600.00	\$600.00
6	* Removal of Intake	EA	4	\$500.00	\$2,000.00
7	* Abandon Manhole	EA	8	\$300.00	\$2,400.00
8	Flowable Mortar	CY	1060	\$110.00	\$116,600.00
9	Manhole Adjustment, Minor	EA	1	\$1,000.00	\$1,000.00
10	Adjust Valve Box to Grade, Minor	EA	1	\$500.00	\$500.00
11	* Pavement Removal	SY	6550	\$10.00	\$65,500.00
12	* Removals As Per Plan	LS	1	\$50,000.00	\$50,000.00
13	* Fence Removal	LF	550	\$4.00	\$2,200.00
14	* Pavement Marking Removal	STA	6.3	\$100.00	\$630.00
15	* Class 10 Excavation	CY	25100	\$6.00	\$150,600.00
16	* Embankment, Owner Furnished	CY	17600	\$10.00	\$176,000.00
17	* Embankment, Contractor Furnished	CY	68100	\$15.00	\$1,021,500.00
18	* Subgrade Preparation	SY	6100	\$2.00	\$12,200.00
19	Concrete Storm Sewer Pipe, 15-Inch Dia., Class III	LF	394.6	\$45.00	\$17,757.00
20	Concrete Storm Sewer Pipe, 24-Inch Dia., Class III	LF	119.9	\$50.00	\$5,995.00
21	Concrete Storm Sewer Pipe, 30-Inch Dia., Class III	LF	16	\$60.00	\$960.00
22	Concrete Storm Sewer Pipe, 36-Inch Dia., Class III	LF	969.8	\$70.00	\$67,886.00
23	Concrete Storm Sewer Pipe, 42-Inch Dia., Class III	LF	30.6	\$85.00	\$2,601.00
24	15-Inch Concrete Pipe Apron	EA	1	\$750.00	\$750.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
25	42-Inch Concrete Pipe Apron	EA	1	\$1,500.00	\$1,500.00
26	42-Inch Flared End Section Apron Guard	EA	1	\$500.00	\$500.00
27	Storm Sewer Manhole, Type M-C	EA	2	\$8,000.00	\$16,000.00
28	Intake, Type M-F (Modified)	EA	1	\$4,500.00	\$4,500.00
29	Intake, Type M-H	EA	1	\$3,000.00	\$3,000.00
30	Intake, Type M-I (Modified)	EA	7	\$6,000.00	\$42,000.00
31	Intake, Type SW-545	EA	5	\$5,500.00	\$27,500.00
32	Intake, Type RA-61	EA	1	\$3,000.00	\$3,000.00
33	Concrete Arch Pipe Transition Section, 72-Inch to 84-Inch, Class III	EA	1	\$11,000.00	\$11,000.00
34	84-Inch Concrete Arch, Class III	LF	324	\$700.00	\$226,800.00
35	4.25 Degree Bend 84-Inch Concrete Arch, Class III	EA	2	\$9,000.00	\$18,000.00
36	Outlet Headwall	LS	1	\$20,000.00	\$20,000.00
37	Concrete Cunette	SY	1700	\$45.00	\$76,500.00
38	Longitudinal Subdrain	LF	2065	\$15.00	\$30,975.00
39	12-Inch Sanitary Sewer Truss Pipe	LF	345	\$80.00	\$27,600.00
40	Sanitary Sewer Manhole, Type A	EA	1	\$3,500.00	\$3,500.00
41	Connection to Existing Manhole	EA	1	\$1,500.00	\$1,500.00
42	8-Inch Sanitary Sewer Service	LF	70	\$55.00	\$3,850.00
43	Riprap, Class D	TON	50	\$40.00	\$2,000.00
44	Filter Fabric	SY	60	\$3.00	\$180.00
45	12" Ductile Iron Pipe	LF	875	\$100.00	\$87,500.00
46	12" Bend	EACH	2	\$1,500.00	\$3,000.00
47	12" x 12" Tee	EACH	2	\$2,000.00	\$4,000.00
48	12" x 6" Reducer	EACH	2	\$1,000.00	\$2,000.00
49	12" Cap	EACH	3	\$800.00	\$2,400.00
50	12" Gate Valve	EACH	1	\$3,000.00	\$3,000.00
51	Hydrant Assembly	EACH	5	\$4,000.00	\$20,000.00
52	Remove Hydrant Assembly	EACH	2	\$800.00	\$1,600.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
53	Prepare Excavation for Tapping Sleeve and Valve	EACH	1	\$3,000.00	\$3,000.00
54	2" Water Service 1401 Mulberry Sta. 4+30	EACH	1	\$7,500.00	\$7,500.00
55	6" Water Service New Homeless Shelter Sta. 7+63	EACH	1	\$10,000.00	\$10,000.00
56	8" Water Service New Fire Station Sta. 8+27	EACH	1	\$10,000.00	\$10,000.00
57	12" Pipe Isolation Coupling	EACH	2	\$800.00	\$1,600.00
58	32 lb. Magnesium Anode	EACH	14	\$300.00	\$4,200.00
59	Cathodic Protection Test Station	EACH	1	\$800.00	\$800.00
60	Foundation Rock	TON	20	\$30.00	\$600.00
61	Modified Subbase	SY	6000	\$8.00	\$48,000.00
62	Standard or Slip-Form Portland Cement Concrete, Class C, 10-Inch	SY	5025	\$50.00	\$251,250.00
63	Portland Cement Concrete Driveway 7-Inch	SY	150	\$40.00	\$6,000.00
64	Portland Cement Concrete Sidewalk 4-Inch	SY	85	\$30.00	\$2,550.00
65	Portland Cement Concrete Sidewalk 5-Inch	SY	600	\$35.00	\$21,000.00
66	Full Depth Composite Patch	SY	230	\$100.00	\$23,000.00
67	Partial Depth Curb Removal and Replacement	LF	45	\$350.00	\$15,750.00
68	Detectable Warnings	SF	71.1	\$35.00	\$2,488.50
69	Brick Pavers	SF	25	\$10.00	\$250.00
70	Modular Block Masonry Wall	SF	400	\$35.00	\$14,000.00
71	Chain Link Fence, 42-Inch Black Vinyl	LF	125	\$25.00	\$3,125.00
72 *	Topsoil, Furnish and Spread	CY	700	\$20.00	\$14,000.00
73 *	Karpick Red Maple, 1.5" Cal.	EA	8	\$250.00	\$2,000.00
74 *	Red Sunset Red Maple, 1.5" Cal.	EA	12	\$250.00	\$3,000.00
75 *	River Birch, 6' - 8' Ht.	EA	16	\$250.00	\$4,000.00
76 *	Catalpa, 1.5" Cal.	EA	4	\$250.00	\$1,000.00
77 *	Common Hackberry, 1.5" Cal.	EA	4	\$250.00	\$1,000.00
78 *	Shademaster Thornless Honeylocust, 1.5" Cal.	EA	12	\$250.00	\$3,000.00
79 *	Kentucky Coffee Tree, 1.5" Cal.	EA	4	\$250.00	\$1,000.00
80 *	Bloodgood London Planetree, 1.5" Cal.	EA	12	\$250.00	\$3,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
81	* Quaking Aspen 'Erecta', 1.5" Cal.	EA	36	\$250.00	\$9,000.00
82	* Swamp White Oak, 1.5" Cal.	EA	5	\$250.00	\$1,250.00
83	* Northern Red Oak, 1.5" Cal.	EA	11	\$250.00	\$2,750.00
84	* White Pine, 6' - 8' Ht.	EA	23	\$250.00	\$5,750.00
85	* Norway Spruce, 6' - 8' Ht.	EA	23	\$250.00	\$5,750.00
86	* Autumn Brilliance Serviceberry, 6' - 8' Ht.	EA	3	\$225.00	\$675.00
87	* Embers Amur Maple, 6' - 8' Ht.	EA	9	\$225.00	\$2,025.00
88	* Thornless Hawthorne, 1.5" Cal.	EA	17	\$225.00	\$3,825.00
89	* Prairie Fire Crabapple, 1.5" Cal.	EA	5	\$225.00	\$1,125.00
90	* Blackhaw Viburnum, 1" Cal.	EA	10	\$225.00	\$2,250.00
91	* Northern Sea Oats, 1 Gal.	EA	128	\$40.00	\$5,120.00
92	* Red Sprite Winterberry, 1 Gal.	EA	311	\$40.00	\$12,440.00
93	* Virginia Creeper, 1 Gal.	EA	53	\$40.00	\$2,120.00
94	* Sweet Sensation Coralberry, 1 Gal.	EA	31	\$40.00	\$1,240.00
95	* Taunton Yew, 24" - 30" Ht.	EA	25	\$40.00	\$1,000.00
96	* Seed	SQ	3000	\$12.00	\$36,000.00
97	* Sod	SQ	155	\$45.00	\$6,975.00
98	* Planting Soil	CY	155	\$55.00	\$8,525.00
99	* Hardwood Mulch	CY	140	\$45.00	\$6,300.00
100	Steel Edging	LF	700	\$6.50	\$4,550.00
101	* Erosion Control Mat	SY	9900	\$1.50	\$14,850.00
102	* Install Silt Basin	EA	3	\$250.00	\$750.00
103	* Clean Silt Basin	EA	15	\$50.00	\$750.00
104	* Remove Silt Basin	EA	3	\$100.00	\$300.00
105	* Install Stone Check Dam	EA	3	\$500.00	\$1,500.00
106	* Clean Stone Check Dam	EA	15	\$50.00	\$750.00
107	* Remove Stone Check Dam	EA	3	\$150.00	\$450.00
108	* Install Silt Fence	LF	6500	\$4.00	\$26,000.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
109 *	Clean Silt Fence	LF	13000	\$2.00	\$26,000.00
110 *	Remove Silt Fence	LF	6500	\$2.00	\$13,000.00
111 *	Install Filter Tube	LF	2000	\$3.00	\$6,000.00
112 *	Clean Filter Tube	LF	4000	\$2.00	\$8,000.00
113 *	Remove Filter Tube	LF	2000	\$2.00	\$4,000.00
114 *	Stabilizing Crop	ACRE	5.4	\$800.00	\$4,320.00
115 *	Tree Protection	LS	1	\$2,000.00	\$2,000.00
116 *	Tree Protection Fence	LF	350	\$3.00	\$1,050.00
117 *	Erosion control	LS	1	\$10,000.00	\$10,000.00
118	Painted Pavement Markings	STA	36.6	\$200.00	\$7,320.00
119	Painted Symbol and Legend	EA	2	\$150.00	\$300.00
120 *	Mobilization	LS	1	\$162,592.50	\$162,592.50
121	Traffic Signals	LS	1	\$115,000.00	\$115,000.00
122 *	Traffic Control	LS	1	\$15,000.00	\$15,000.00
123 *	Safety Closures	EA	8	\$250.00	\$2,000.00
124 *	Project Sign - Large - Standard	EA	1	\$1,000.00	\$1,000.00

Prepared By: Todd Allyn

Checked By: Mark Hutchens

**TOTAL CONSTRUCTION COST** \$3,430,000.00

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

\* Estimate Total= \$2,017,262.50