



DATE January 8, 2018

ORDERING CONSTRUCTION OF
E. 42ND STREET AND HUBBELL AVENUE INTERSECTION IMPROVEMENTS
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 23, 2018
AND PUBLIC HEARING ON FEBRUARY 5, 2018
ENGINEER'S ESTIMATE IS \$1,500,000.00

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. 42nd Street and Hubbell Avenue Intersection Improvements, 06-2016-001
CS-TSF-1945(827)--85-77, UST-006-4(179)--4A-77

The improvement includes widening of the intersection of E. 42nd Street and Hubbell Avenue to include left turn lanes on Hubbell Avenue and the south leg of E. 42nd Street, installation of traffic signals, pavement removal, excavation, storm sewer intakes, subdrain, subbase placement, driveways, sidewalks, seeding, and miscellaneous associated work including cleanup; in accordance with the contract documents, including Plan File Nos. 588-206/289, at the intersection of E. 42nd Street and Hubbell Avenue, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,500,000.00. 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, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on February 5, 2018, 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 January 23, 2018, 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 Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa, at 11:00 a.m. on January 23, 2018, 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.

★ **Roll Call Number**

Agenda Item Number

6B

DATE January 8, 2018

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.

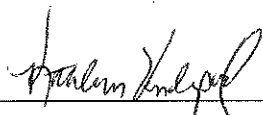
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

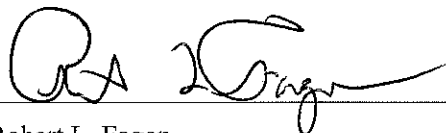
(City Council Communication Number 18-018 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Des Moines Finance Director

Funding Source: 2017-2018 CIP, Page Streets – 11, East 42nd and Hubbell Ave Intersection Improvements, ST257, Being: \$500,000 (Max) in Iowa DOT Traffic Safety Improvement Funds under CS-TSF-1945(827)--85-77; \$200,000 (Max) in Iowa DOT Urban State Traffic Engineering Program (USTEP) Funds (55% of eligible items with a max of \$200,000) under agreement UST-006-4(179)--4A-77; \$150,000 in funds from Fed Title 23 Land Sales, ST500; and the remaining \$650,000 in G.O. Bonds, ST257

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED	APPROVED			

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.

Mayor

City Clerk

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2016-001
IDOT PROJECT NO. CS-TSF-1945(827)-85-77
DATE: 12/13/2017

PROJECT: E. 42ND STREET AND HUBBELL AVENUE INTERSECTION IMPROVEMENTS

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	* 2101-0850002	Clearing and Grubbing	UNIT	69.6	\$70.00	\$4,872.00
0002	* 2102-2710070	Excavation, Class 10, Roadway and Borrow	CY	800	\$15.00	\$12,000.00
0003	* 2105-8425005	Topsoil, Furnish and Spread	CY	145	\$25.00	\$3,625.00
0004	* 2105-8425015	Topsoil, Strip, Salvage and Spread	CY	805	\$15.00	\$12,075.00
0005	* 2113-0001100	Subgrade Stabilization Material, Polymer Grid	SY	1785	\$3.00	\$5,355.00
0006	* 2115-0100000	Modified Subbase	CY	725	\$60.00	\$43,500.00
0007	* 2123-7450020	Shoulder Finishing, Earth	STA	23.2	\$550.00	\$12,760.00
0008	2201-0505080	Base, Standard or Slip Form P.C. Concrete, 8 In.	SY	1400	\$70.00	\$98,000.00
0009	* 2213-2713300	Excavation, Class 13, For Widening	CY	1155	\$17.00	\$19,635.00
0010	* 2213-6745500	Removal of Curb	STA	27.5	\$10.00	\$275.00
0011	* 2213-7100400	Relocation of Mail Boxes	EACH	2	\$300.00	\$600.00
0012	* 2214-5145150	Pavement Scarification	SY	5170	\$5.00	\$25,850.00
0013	2301-1003080	Standard or Slip-Form Portland Cement Concrete Pavement, QM-C, Class 3 Durability, 8 In.	SY	1600	\$75.00	\$120,000.00
0014	* 2301-6911722	Portland Cement Concrete Pavement Samples	LS	1	\$2,500.00	\$2,500.00
0015	2303-1031750	Hot Mix Asphalt Standard Traffic, Base Course, 3/4 In. Mix	TON	110	\$90.00	\$9,900.00
0016	2303-1042500	Hot Mix Asphalt High Traffic, Intermediate Course, 1/2 In. Mix	TON	225	\$90.00	\$20,250.00
0017	2303-1043500	Hot Mix Asphalt High Traffic, Surface Course, 1/2 In. Mix, No Special Friction Requirement	TON	960	\$100.00	\$96,000.00
0018	2303-1258283	Asphalt Binder, PG 58-28S, Standard Traffic	TON	6.6	\$500.00	\$3,300.00
0019	2303-1258284	Asphalt Binder, PG 58-28H, High Traffic	TON	71.1	\$500.00	\$35,550.00
0020	* 2303-6911000	Hot Mix Asphalt Pavement Samples	LS	1	\$5,000.00	\$5,000.00
0021	2303-9093010	Hot Mix Asphalt, Driveway	SY	1150	\$70.00	\$80,500.00

69

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0022	* 2315-8275025	Surfacing, Driveway, Class A Crushed Stone	TON	250	\$50.00	\$12,500.00
0023	* 2401-6750001	Removals, As Per Plan	LS	1	\$10,000.00	\$10,000.00
0024	2430-0000100	Modular Block Retaining Wall	SF	200	\$40.00	\$8,000.00
0025	2435-0130404	Manhole, Sanitary Sewer, SW-304, Top Only	EACH	4	\$2,500.00	\$10,000.00
0026	2435-0140148	Manhole, Storm Sewer, SW-401, 48 In.	EACH	2	\$4,500.00	\$9,000.00
0027	2435-0250100	Intake, SW-501	EACH	2	\$4,000.00	\$8,000.00
0028	2435-0250700	Intake, SW-507	EACH	2	\$8,000.00	\$16,000.00
0029	2435-0251218	Intake, SW-512, 24 In.	EACH	1	\$2,000.00	\$2,000.00
0030	2435-0600010	Manhole Adjustment, Minor	EACH	3	\$1,500.00	\$4,500.00
0031	2502-8212036	Subdrain, Longitudinal, (Shoulder) 6 In. Dia.	LF	2313	\$25.00	\$57,825.00
0032	2502-8221006	Subdrain Riser, 6 In., As Per Plan	EACH	6	\$500.00	\$3,000.00
0033	2502-8221303	Subdrain Outlet, DR-303	EACH	10	\$400.00	\$4,000.00
0034	2503-0114215	Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RCP), 2000D (Class III), 15 In.	LF	56	\$125.00	\$7,000.00
0035	* 2510-6745850	Removal of Pavement	SY	2300	\$15.00	\$34,500.00
0036	* 2510-6750600	Removal of Intakes and Utility Accesses	EACH	4	\$1,200.00	\$4,800.00
0037	* 2511-6745900	Removal of Sidewalk	SY	390	\$7.00	\$2,730.00
0038	2511-7526004	Sidewalk, P.C. Concrete, 4 In.	SY	590	\$40.00	\$23,600.00
0039	2511-7526006	Sidewalk, P.C. Concrete, 6 In.	SY	39.1	\$55.00	\$2,150.50
0040	2511-7528101	Detectable Warnings, Cast Iron	SF	137.7	\$50.00	\$6,885.00
0041	2512-1725156	Curb and Gutter, P.C. Concrete, 1.5 Ft	LF	960	\$45.00	\$43,200.00
0042	2515-2475006	Driveway, P.C. Concrete, 6 In.	SY	400	\$65.00	\$26,000.00
0043	2515-2475007	Driveway, P.C. Concrete, 7 In.	SY	640	\$80.00	\$51,200.00
0044	* 2515-6745600	Removal of Paved Drives	SY	3260	\$8.00	\$26,080.00
0045	* 2518-6910000	Safety Closure	EACH	8	\$250.00	\$2,000.00
0046	* 2519-1002048	Fence, Chain Link, 48 In. Height	LF	180	\$25.00	\$4,500.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0047	* 2519-4200120	Removal of Fence, Chain Link	LF	183	\$5.00	\$915.00
0048	* 2519-4200190	Removal of Fence, Wood	LF	17	\$6.00	\$102.00
0049	* 2525-0000100	Traffic Signalization	LS	1	\$220,000.00	\$220,000.00
0050	2527-9263109	Painted Pavement Marking, Waterborne or Solvent-Based	STA	21.25	\$100.00	\$2,125.00
0051	2527-9263117	Painted Pavement Markings, Durable	STA	19.65	\$300.00	\$5,895.00
0052	2527-9263126	Permanent Tape Markings, Profiled Pavement Marking Tape	STA	62	\$400.00	\$24,800.00
0053	2527-9263143	Painted Symbols and Legends, Durable	EACH	7	\$250.00	\$1,750.00
0054	2527-9270111	Grooves Cut for Pavement Markings	STA	81.65	\$100.00	\$8,165.00
0055	2527-9270120	Grooves Cut for Symbols and Legends	EACH	7	\$200.00	\$1,400.00
0056	* 2528-8445110	Traffic Control	LS	1	\$25,000.00	\$25,000.00
0057	* 2528-8445113	Flagger, Uniformed Police Officer	EACH	10	\$550.00	\$5,500.00
0058	* 2528-9290050	Portable Dynamic Message Sign (PDMS)	CDAY	28	\$100.00	\$2,800.00
0059	* 2533-4980005	Mobilization	LS	1	\$112,206.75	\$112,206.75
0060	2599-9999005	Collar Connection, RCP	EACH	1	\$1,500.00	\$1,500.00
0061	2599-9999005	Adjustment of Fixtures	EACH	11	\$750.00	\$8,250.00
0062	2599-9999005	New Water Meter Pit	EACH	1	\$5,000.00	\$5,000.00
0063	2599-9999005	Relocate Water Service Stop Box	EACH	1	\$500.00	\$500.00
0064	2599-9999005	New Stop Box Housing and New Stop Box Rod	EACH	2	\$1,000.00	\$2,000.00
0065	2599-9999005	Check Depth of Water Service	EACH	5	\$1,500.00	\$7,500.00
0066	2599-9999005	New Water Service	EACH	1	\$2,000.00	\$2,000.00
0067	2599-9999005	Lower Water Service	EACH	1	\$1,000.00	\$1,000.00
0068	2599-9999005	Lower Water Service With Copper	EACH	1	\$1,500.00	\$1,500.00
0069	2599-9999005	Relocate Water Service	EACH	1	\$1,000.00	\$1,000.00
0070	2599-9999005	Disconnect Water Service	EACH	1	\$500.00	\$500.00
0071	2599-9999005	Water Service Tap	EACH	1	\$500.00	\$500.00
0072	* 2599-9999009	Tree Protection Fence	LF	250	\$4.00	\$1,000.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0073	2599-9999010	Remove and Replace Fire Hydrant Assembly #1	LS	1	\$3,500.00	\$3,500.00
0074	2599-9999010	Remove and Replace Fire Hydrant Assembly #2	LS	1	\$6,500.00	\$6,500.00
0075 *	2599-9999010	Stormwater Pollution Prevention	LS	1	\$7,500.00	\$7,500.00
0076 *	2599-9999018	Subgrade Preparation	SY	2560	\$7.00	\$17,920.00
0077 *	2601-2634105	Mulching, Bonded Fiber Matrix	ACRE	1.1	\$3,000.00	\$3,300.00
0078 *	2601-2636044	Seeding and Fertilizing (Urban)	ACRE	1.1	\$1,500.00	\$1,650.00
0079 *	2601-2638352	Slope Protection, Wood Excelsior Mat	SQ	30	\$15.00	\$450.00
0080 *	2601-2639010	Sodding	SQ	76.25	\$75.00	\$5,718.75
0081 *	2601-2642120	Stabilizing Crop - Seeding and Fertilizing (Urban)	ACRE	1.1	\$1,100.00	\$1,210.00
0082 *	2601-2643110	Watering for Sod, Special Ditch Control, or Slope Protection	MGAL	100	\$60.00	\$6,000.00
0083 *	2601-2643300	Mobilization for Watering	EACH	8	\$350.00	\$2,800.00
0084 *	2602-0000020	Silt Fence	LF	500	\$2.00	\$1,000.00
0085 *	2602-0000071	Removal of Silt Fence	LF	500	\$0.50	\$250.00
0086 *	2602-0000101	Maintenance of Silt Fence	LF	100	\$0.25	\$25.00
0087 *	2602-0000309	Perimeter and Slope Sediment Control Device, 9 In. Dia.	LF	500	\$2.00	\$1,000.00
0088 *	2602-0000350	Removal of Perimeter and Slope Sediment Control Device	LF	500	\$0.50	\$250.00
0089 *	2602-0010010	Mobilizations, Erosion Control	EACH	12	\$500.00	\$6,000.00
0090 *	2602-0010020	Mobilizations, Emergency Erosion Control	EACH	1	\$1,000.00	\$1,000.00
TOTAL CONSTRUCTION COST						\$1,500,000.00

Prepared By: Zach Erickson

Checked By: _____

* Estimate Total= \$668,754.50

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

69B