



Roll Call Number

Agenda Item Number

6B

DATE May 18, 2020

ORDERING CONSTRUCTION OF
6TH AVENUE STREETScape - COLLEGE AVENUE TO UNIVERSITY AVENUE
AND FIXING A DATE FOR RECEIVING OF BIDS ON JUNE 16, 2020
AND PUBLIC HEARING ON JULY 13, 2020
ENGINEER'S ESTIMATE IS \$3,867,486.70

WHEREAS, this Council deems it advisable and necessary to construct the below referenced improvement, all in accordance with the plans and specifications, and has caused to be prepared plans, specifications, and form of contract, together with estimate of cost, which are now on file in the City Engineer's Office, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309, for public inspection for the construction of said improvements, and said plans, specifications and form of contract are deemed suitable for the making of said improvement, for which the State of Iowa Department of Transportation (IDOT) and the City of Des Moines, (CITY) have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids, and

WHEREAS, before said plans, specifications, form of contract, and estimated cost of the improvement may be approved, and contract for the construction of the improvement entered into, it is necessary to hold a public hearing.

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:

6th Avenue Streetscape - College Avenue to University Avenue, 04-2018-017
TAP-T-1945(851)--8V-77, TAP-T-1945(851)--8V-77-

The improvement includes pavement removals, installation of Portland Cement Concrete (PCC) sidewalks and driveways, curb, storm sewer, intakes, subdrain, site furnishing, biocells, permeable pavers, traffic signalization, pavement scarification, Hot Mix Asphalt (HMA) paving, tree planting, seeding, and miscellaneous associated work to complete the streetscape; in accordance with the contract documents, including Plan File Nos. 618-001/152, on 6th Avenue from College Avenue to University Avenue, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,867,486.70. 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.



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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 MSC Board Room, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on July 13, 2020, 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 Iowa Department of Transportation, for the construction of said improvements, and the taking of bids in the manner required by law. Proposals received will be opened and tabulated by the Iowa Department of Transportation on June 16, 2020, after which the bids together with a report and recommendation of the Chief Civil Engineer, will be presented to 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.

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 20-223 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Interim Des Moines Finance Director

SLN

Funding Source: 2020-21 Pending CIP, Page Street – 42, Sixth Avenue Streetscape, ST266, Being: \$483,000 (maximum) in Transportation Alternative Program (TAP) funds being 80% eligible construction costs under TAP-T-1945(851)--8V-77; \$1,050,000 (maximum) in Surface Transportation Block Grant (STBG) funds being 80% eligible construction costs under TAP-T-1945(851)--8V-77; \$900,000 in private donations from the 6th Avenue Corridor; \$153,400 in Des Moines Water Works for water main relocation; the remaining \$1,281,087 in G.O. Bonds.



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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
GRAY				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

I, P. Kay Cmelik, 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

bB

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2018-017
IDOT PROJECT NO. TAP-T-1945(851)-8V-77
DATE: 04/28/2020

PROJECT: 6TH AVENUE STREETScape - COLLEGE AVENUE TO UNIVERSITY AVENUE

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	2101-0850002	Clearing and Grubbing	UNIT	51	\$100.00	\$5,100.00
0002	2102-2710070	Excavation, Class 10, Roadway and Borrow	CY	872	\$10.00	\$8,720.00
0003	2102-2710090	Excavation, Class 10, Waste	CY	3626	\$15.00	\$54,390.00
0004	2105-8425005	Topsoil, Furnish and Spread	CY	1075	\$60.00	\$64,500.00
0005	2113-0001100	Subgrade Stabilization Material, Polymer Grid	SY	1900	\$3.00	\$5,700.00
0006	2115-0100000	Modified Subbase	CY	435	\$100.00	\$43,500.00
0007	2123-7450000	Shoulder Construction, Earth	STA	25.9	\$500.00	\$12,950.00
0008	2201-0505060	Base, Standard or Slip Form P.C. Concrete, 6 In.	SY	1997	\$50.00	\$99,850.00
0009	2212-0475095	Cleaning and Preparation of Base	MILE	0.4	\$10,000.00	\$4,000.00
0010	2214-5145150	Pavement Scarification	SY	8576	\$4.50	\$38,592.00
0011	2303-1033500	Hot Mix Asphalt Standard Traffic, Surface Course, 1/2 In. Mix, No Special Friction Requirement	TON	1050	\$75.00	\$78,750.00
0012	2303-1258283	Asphalt Binder, PG 58-28S, Standard Traffic	TON	63	\$550.00	\$34,650.00
0013	2303-8911000	Hot Mix Asphalt Pavement Samples	LS	1	\$3,000.00	\$3,000.00
0014	2303-9093010	Hot Mix Asphalt, Driveway	SY	101	\$75.00	\$7,575.00
0015	2304-0101000	Temporary Pavement	SY	2122	\$45.00	\$95,490.00
0016	2401-6746650	Removal of Existing Structures	LS	1	\$15,000.00	\$15,000.00
0017	2401-6745910	Removal of Sign	EACH	21	\$135.00	\$2,835.00
0018	2402-0425031	Granular Backfill	TON	1217	\$25.00	\$30,425.00
0019	2402-2720000	Excavation, Class 20	CY	1270	\$22.00	\$27,940.00
0020	2402-2725005	Foundation Treatment Material	TON	298.6	\$32.00	\$9,555.20
0021	2403-0100000	Structural Concrete (Miscellaneous)	CY	120.5	\$875.00	\$105,437.50
0022	2404-7775000	Reinforcing Steel	LB	23228	\$1.00	\$23,228.00
0023	2414-6444100	Steel Pipe Pedestrian Hand Railing	LF	163	\$100.00	\$16,300.00
0024	2435-0140148	Manhole, Storm Sewer, SW-401, 48 In.	EACH	1	\$4,000.00	\$4,000.00
0025	2435-0250100	Intake, SW-501	EACH	12	\$4,000.00	\$48,000.00
0026	2435-0250300	Intake, SW-503	EACH	8	\$6,000.00	\$48,000.00
0027	2435-0251218	Intake, SW-512, 18 In.	EACH	11	\$2,000.00	\$22,000.00
0028	2435-0600010	Manhole Adjustment, Minor	EACH	12	\$2,000.00	\$24,000.00
0029	2435-0700010	Connection to Existing Manhole	EACH	4	\$2,500.00	\$10,000.00
0030	2502-8212036	Subdrain, Longitudinal, (Shoulder) 6 In. Dia.	LF	2122	\$10.00	\$21,220.00
0031	2502-8221006	Subdrain Riser, 6 In., As Per Plan	EACH	14	\$600.00	\$8,400.00
0032	2502-8221303	Subdrain Outlet, DR-303	EACH	36	\$300.00	\$10,800.00
0033	2503-0110015	Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RCP), 2000D (Class III), 15 In.	LF	1073	\$60.00	\$64,380.00
0034	2503-0110018	Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RCP), 2000D (Class III), 18 In.	LF	467	\$70.00	\$32,690.00
0035	2503-0110024	Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RCP), 2000D (Class III), 24 In.	LF	346	\$90.00	\$31,140.00
0036	2506-4984000	Flowable Mortar	CY	4	\$175.00	\$700.00
0037	2510-6745850	Removal of Pavement	SY	7120	\$9.00	\$64,080.00
0038	2510-6750600	Removal of Intakes and Utility Accesses	EACH	5	\$1,750.00	\$8,750.00
0039	2511-0302500	Recreational Trail, Portland Cement Concrete, 5 In.	SY	1717	\$55.00	\$94,435.00
0040	2511-3010100	Special Compaction of Subgrade for Recreational Trail	STA	20.38	\$700.00	\$14,266.00
0041	2511-6745900	Removal of Sidewalk	SY	2515	\$12.00	\$30,180.00
0042	2511-7526004	Sidewalk, P.C. Concrete, 4 In.	SY	1089	\$55.00	\$58,795.00
0043	2511-7526006	Sidewalk, P.C. Concrete, 6 In.	SY	199	\$75.00	\$14,925.00
0044	2511-7528101	Detectable Warnings	SF	581	\$45.00	\$26,145.00
0045	2512-1725156	Curb and Gutter, P.C. Concrete, 1.5 ft	LF	4944	\$37.50	\$185,400.00
0046	2512-1859000	Curb, Special, As Per Plan	LF	687	\$40.00	\$27,480.00
0047	2515-2475007	Driveway, P.C. Concrete, 7 In.	SY	853	\$70.00	\$59,710.00
0048	2515-6745600	Removal of Paved Driveway	SY	769	\$15.00	\$11,535.00
0049	2516-8625000	Combined Concrete Sidewalk and Retaining Wall	CY	64	\$1,300.00	\$83,200.00
0050	2518-6910000	Safety Closure	EACH	16	\$150.00	\$2,400.00
0051	2519-4200120	Removal of Fence, Chain Link	LF	258	\$6.50	\$1,677.00
0052	2523-0000310	Handholes and Junction Boxes	EACH	16	\$650.00	\$10,400.00
0053	2524-6765010	Remove and Reinstall Sign as Per Plan	EACH	34	\$165.00	\$5,610.00
0054	2524-9276010	Perforated Square Steel Tube Posts	LF	40	\$20.00	\$800.00
0055	2524-9325001	Type A Signs, Sheet Aluminum	SF	78	\$25.00	\$1,950.00
0056	2525-0000100	Traffic Signalization	LS	1	\$475,000.00	\$475,000.00
0057	2525-0000120	Removal of Traffic Signalization	LS	1	\$12,000.00	\$12,000.00
0058	2527-9263109	Painted Pavement Markings, Waterborne or Solvent-Based	STA	86.9	\$35.00	\$3,041.50
0059	2527-9263117	Painted Pavement Markings, Durable	STA	83	\$75.00	\$6,225.00
0060	2527-9263126	Permanent Tape Markings, Profiled Pavement Marking Tape	STA	86.9	\$325.00	\$28,242.50
0061	2527-9263137	Painted Symbols and Legends, Waterborne or Solvent-Based	EACH	32	\$115.00	\$3,680.00

6B

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0062	2527-9263143	Painted Symbols and Legends, Durable	EACH	21	\$275.00	\$5,775.00
0063	2527-9263180	Pavement Markings Removed	STA	80.7	\$80.00	\$6,466.00
0064	2527-9263190	Symbols and Legends Removed	EACH	16	\$150.00	\$2,400.00
0065	2527-9270111	Grooves Cut for Pavement Markings	STA	83	\$80.00	\$6,640.00
0066	2527-9270120	Grooves Cut for Symbols and Legends	EACH	21	\$125.00	\$2,625.00
0067	2528-8445110	Traffic Control	LS	1	\$95,000.00	\$95,000.00
0068	2528-9290050	Portable Dynamic Message Sign (PDMS)	CDAY	25	\$115.00	\$2,875.00
0069	2533-4980005	Mobilization	LS	1	\$185,000.00	\$185,000.00
0070	2554-0112006	Water Main, Trenched, Ductile Iron Pipe (DIP), 6 In.	LF	400	\$75.00	\$30,000.00
0071	2554-0203000	Fillings by Weight, Ductile Iron	LB	3660	\$15.00	\$54,900.00
0072	2554-0205710	Water Service Curb Stop & Box, Copper Opposite Side, 1 In.	EACH	2	\$4,500.00	\$9,000.00
0073	2554-0205710	Water Service Curb Stop & Box, Copper, Same Side, 1 In.	EACH	2	\$3,500.00	\$7,000.00
0074	2554-0205720	Water Service Curb Stop & Box, Copper, Same Side, 2 In.	EACH	2	\$4,000.00	\$8,000.00
0075	2554-0210201	Fire Hydrant Assembly, WM-201	EACH	3	\$6,500.00	\$19,500.00
0076	2599-9999005	Bench	EACH	1	\$3,500.00	\$3,500.00
0077	2599-9999005	Bike Rack	EACH	4	\$1,250.00	\$5,000.00
0078	2599-9999005	Check Depth of Water Service	EACH	1	\$3,000.00	\$3,000.00
0079	2599-9999005	Disconnect Water Service	EACH	1	\$3,000.00	\$3,000.00
0080	2599-9999005	Footling, Light Pole	EACH	13	\$1,500.00	\$19,500.00
0081	2599-9999005	Lower Water Service	EACH	1	\$4,000.00	\$4,000.00
0082	2599-9999005	Lower Water Service with Copper	EACH	1	\$5,000.00	\$5,000.00
0083	2599-9999005	New Stop Box Housing and New Stop Box Rod	EACH	1	\$2,750.00	\$2,750.00
0084	2599-9999005	New Water Service	EACH	1	\$6,000.00	\$6,000.00
0085	2599-9999005	Relocate Water Service	EACH	1	\$5,000.00	\$5,000.00
0086	2599-9999005	Relocate Water Service Stop Box	EACH	1	\$4,500.00	\$4,500.00
0087	2599-9999005	Removal of Existing Fire Hydrant, STA. 1084+74.43	EACH	1	\$2,000.00	\$2,000.00
0088	2599-9999005	Removal of Existing Fire Hydrant, STA. 1090+64.36	EACH	1	\$2,000.00	\$2,000.00
0089	2599-9999005	Removal of Existing Fire Hydrant, STA. 1097+12.42	EACH	1	\$2,000.00	\$2,000.00
0090	2599-9999005	Trash Can	EACH	10	\$2,500.00	\$25,000.00
0091	2599-9999005	Water Service Tap	EACH	1	\$6,000.00	\$6,000.00
0092	2599-9999009	Conduit, 1.25" Dia., PVC	LF	4202	\$8.00	\$33,616.00
0093	2599-9999009	Conduit, 2" Dia., MidAmerican Energy	LF	3850	\$10.00	\$38,500.00
0094	2599-9999009	Fence, Black Decorative	LF	334	\$50.00	\$16,700.00
0095	2599-9999009	Tree Protection Fence	LF	1000	\$4.00	\$4,000.00
0096	2599-9999010	Maintenance of Solid Waste Collection	LS	1	\$5,000.00	\$5,000.00
0097	2599-9999010	Vibration Monitoring	LS	1	\$50,000.00	\$50,000.00
0098	2599-9999014	Biocell	SF	3218	\$60.00	\$193,080.00
0099	2599-9999014	Pavement, Unit Pavers A	SF	285	\$45.00	\$12,825.00
0100	2599-9999014	Pavement, Unit Pavers B, Permeable	SF	3438	\$22.50	\$77,355.00
0101	2599-9999014	Planting Bed	SF	3175	\$14.00	\$44,450.00
0102	2599-9999014	Soil Cells	SF	2947	\$35.00	\$103,145.00
0103	2599-9999014	Steps, Concrete, As Per Plan	SF	283	\$250.00	\$70,750.00
0104	2599-9999018	Sidewalk, P.C. Concrete, Integral Color, 6 in.	SY	280	\$145.00	\$40,600.00
0105	2599-9999018	Sidewalk, P.C. Concrete, Integral Color, 6 in. Reinforced	SY	145	\$170.00	\$24,650.00
0106	2599-9999018	Trail, P.C. Concrete, Integral Color, 5 in.	SY	1109	\$120.00	\$133,080.00
0107	2599-9999020	Foundation Rock	TON	250	\$50.00	\$12,500.00
0108	2601-2634105	Mulching, Bonded Fiber Matrix	ACRE	3	\$3,500.00	\$10,500.00
0109	2601-2638352	Slope Protection, Wood Excelsior Mat	SQ	475	\$40.00	\$19,000.00
0110	2601-2639010	Sodding	SQ	631	\$70.00	\$44,170.00
0111	2601-2642120	Stabilizing Crop - Seeding and Fertilizing (Urban)	ACRE	3	\$2,500.00	\$7,500.00
0112	2601-2643300	Mobilization for Watering	EACH	10	\$350.00	\$3,500.00
0113	2602-0000020	Silt Fence	LF	250	\$4.00	\$1,000.00
0114	2602-0000071	Removal of Silt Fence	LF	250	\$1.00	\$250.00
0115	2602-0000101	Maintenance of Silt Fence	LF	250	\$2.00	\$500.00
0116	2602-0000309	Perimeter and Slope Sediment Control Device, 9 In. Dia.	LF	400	\$4.00	\$1,600.00
0117	2602-0000350	Removal of Perimeter and Slope Sediment Control Device	LF	400	\$1.00	\$400.00
0118	2602-0010010	Mobilizations, Erosion Control	EACH	25	\$500.00	\$12,500.00
0119	2602-0010020	Mobilizations, Emergency Erosion Control	EACH	1	\$1,000.00	\$1,000.00
0120	2611-0000120	Trees	EACH	53	\$550.00	\$29,150.00

Prepared By: Zach Erickson via. Snyder & Associates

Checked By: _____

TOTAL CONSTRUCTION COST **\$3,867,486.70**