

DATE January 27, 2020

ORDERING CONSTRUCTION OF  
INGERSOLL AVENUE STREETScape FROM M.L. KING JR. PARKWAY TO 24TH STREET (NORTH SIDE)  
AND FIXING A DATE FOR RECEIVING OF BIDS ON FEBRUARY 25, 2020  
AND PUBLIC HEARING ON MARCH 9, 2020  
ENGINEER'S ESTIMATE IS \$2,680,000.00

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:

Ingersoll Avenue Streetscape from M.L. King Jr. Parkway to 24th Street (north side), 04-2019-007

The improvement includes construction of Portland Cement Concrete (PCC) sidewalks, driveways, pavement, colored concrete, and Hot Mix Asphalt (HMA) paving, together with the necessary removals, earthwork, clearing and grubbing, erosion control, subdrains, storm sewers, traffic control, traffic signals, conduit, site furnishings, plantings, permeable pavers, and surface restoration; all in accordance with the contract documents, including Plan File Nos. 615-001/109, on Ingersoll Avenue from M.L. King Jr. Parkway to 24th Street (north side), Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$2,680,000.00. 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 March 9, 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 City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on February 25, 2020, 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 25, 2020, 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

7 D

DATE January 27, 2020

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.

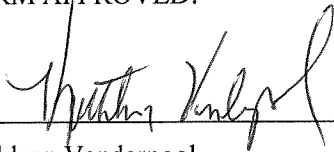
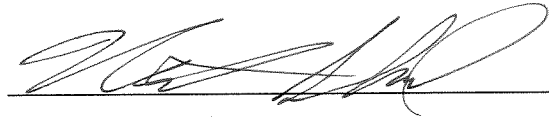
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 20-031 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Interim Des Moines Finance Director

**SLN** Funding Source: 2019-2020 CIP, Page Street – 15, Ingersoll Streetscape, ST276, Being: \$2,020,823.41 in TIF bonds, and the remaining \$659,176.59 from Des Moines Water Works

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

MOTION CARRIED

APPROVED

\_\_\_\_\_  
Mayor

**CERTIFICATE**

I, P. Kay Cmelik, 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.

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

# CONSTRUCTION ESTIMATE

7 D

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 04-2019-007

DATE: 1/6/2020

**PROJECT: INGERSOLL AVENUE STREETScape FROM M.L.KING JR. PARKWAY TO 24TH STREET (NORTH SIDE)**

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
<b>DIVISION 1: INGERSOLL STREETScape (CITY OF DES MOINES)</b>					
0001	* Clearing & Grubbing	UNIT	50	\$125.00	\$6,250.00
0002	Excavation, Class 10, Waste	CY	842	\$20.00	\$16,840.00
0003	Subbase, Modified	CY	1400	\$75.00	\$105,000.00
0004	Subgrade Preparation, 6 In.	SY	7000	\$3.50	\$24,500.00
0005	Subgrade Treatment, Geogrid, Type 2	SY	500	\$5.00	\$2,500.00
0006	Granular Backfill	TON	500	\$50.00	\$25,000.00
0007	Sanitary Sewer Service Relocation	EA	3	\$6,000.00	\$18,000.00
0008	Storm Sewer, Trenched, 15 In.	LF	417	\$100.00	\$41,700.00
0009	Storm Sewer, Trenched, 18 In.	LF	233	\$120.00	\$27,960.00
0010	Subdrain, 6 In., Perforated	LF	1247	\$35.00	\$43,645.00
0011	Manhole Type SW-402, 48"X48"	EA	3	\$9,500.00	\$28,500.00
0012	Manhole Type SW-402, 60"X48"	EA	1	\$9,500.00	\$9,500.00
0013	Intake Type, SW-505	EA	6	\$6,500.00	\$39,000.00
0014	Intake Type, SW-501	EA	1	\$5,000.00	\$5,000.00
0015	Manhole Adjustment, Minor	EA	4	\$750.00	\$3,000.00
0016	* Remove Intake	EA	4	\$1,200.00	\$4,800.00
0017	Pavement, Integral Color PCC, 9 IN.	SY	30	\$125.00	\$3,750.00
0018	Pavement, PCC, 9 IN.	SY	520	\$100.00	\$52,000.00
0019	Pavement, PCC, 10 IN.	SY	628	\$100.00	\$62,800.00
0020	Pavement, HMA 9 IN.	SY	1776	\$60.00	\$106,560.00
0021	* Removal of Sidewalk	SY	993	\$15.00	\$14,895.00
0022	Sidewalk, PCC, 5-Inch	SY	761	\$75.00	\$57,075.00
0023	Sidewalk, PCC, Class A	SY	579	\$75.00	\$43,425.00
0024	Sidewalk Ramps, PCC, 6 IN.	SY	200	\$100.00	\$20,000.00
0025	Sidewalk, Integral Color PCC, 6 IN.	SY	767	\$125.00	\$95,875.00
0026	Detectable Warnings, Cast Iron	SF	156	\$60.00	\$9,360.00
0027	Driveway, Paved, PCC, 8 In.	SY	330	\$100.00	\$33,000.00
0028	* Pavement Removal, PCC	SY	196	\$18.00	\$3,528.00
0029	* Pavement Removal, Composite	SY	4648	\$20.00	\$92,960.00
0030	Engineering Fabric	SY	1000	\$5.00	\$5,000.00
0031	Storage Aggregate	TON	525	\$55.00	\$28,875.00
0032	Filter Aggregate	TON	100	\$60.00	\$6,000.00
0033	Permeable Interlocking Pavers	SY	521	\$100.00	\$52,100.00
0034	Salvage Sidewalk Pavers and Remove Subslab	SY	57	\$80.00	\$4,560.00
0035	Sidewalk Pavers and Subslab	SY	68	\$120.00	\$8,160.00
0036	Conduit, Trenched, PVC SCH 40, 1 1/2 IN.	LF	750	\$16.00	\$12,000.00
0037	Conduit, Trenched, PVC SCH 40, 2 IN.	LF	735	\$18.00	\$13,230.00
0038	Conduit, Trenched, PVC SCH 40, 3 IN.	LF	26	\$18.00	\$468.00
0039	Handhole, Type II	EA	2	\$1,500.00	\$3,000.00
0040	Handhole, Small	EA	2	\$1,250.00	\$2,500.00

7 D

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
0041	Light Pole Base	EA	5	\$6,500.00	\$32,500.00
0042	Transformer Base	EA	1	\$2,500.00	\$2,500.00
0043	Electric Service Transfer	EA	1	\$2,500.00	\$2,500.00
0044	* Painted Pavement Markings, Solvent/Waterborne	STA	100	\$75.00	\$7,500.00
0045	* Painted Symbols and Legends	EA	25	\$150.00	\$3,750.00
0046	* Thermoplastic Pavement Markings	SF	472	\$16.00	\$7,552.00
0047	Signs, Handicap Stall	EA	3	\$150.00	\$450.00
0048	Salvage & Relocate Signs	LS	1	\$1,500.00	\$1,500.00
0049	* Temporary Traffic Control	LS	1	\$50,000.00	\$50,000.00
0050	* Portable Dynamic Message Sign	CDAY	10	\$160.00	\$1,600.00
0051	* Temporary Barrier Rail, Concrete	LF	255	\$15.00	\$3,825.00
0052	Relocate RRFB Signals and Mast Arm	LS	1	\$17,500.00	\$17,500.00
0053	* Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Special	AC	1	\$4,000.00	\$4,000.00
0054	* Sod	SQ	38	\$100.00	\$3,800.00
0055	Topsoil, Import	CY	180	\$80.00	\$14,400.00
0056	Soil Cell Soil	CY	755	\$80.00	\$60,400.00
0057	* Streetscape Plantings	SF	4000	\$6.50	\$26,000.00
0058	* Overstory Tree	EA	26	\$450.00	\$11,700.00
0059	* Temporary Irrigation	GAL	40000	\$0.25	\$10,000.00
0060	* Storm Water Pollution Prevention	LS	1	\$5,000.00	\$5,000.00
0061	* Filter Socks, 12 In.	LF	1200	\$4.00	\$4,800.00
0062	* Inlet Protection Device	EA	12	\$250.00	\$3,000.00
0063	* Inlet Protection Device Maintenance	EA	12	\$100.00	\$1,200.00
0064	* Construction Safety Fence	LF	1200	\$10.00	\$12,000.00
0065	Granular Backfill Material	TON	25	\$40.00	\$1,000.00
0066	Concrete Steps	SF	50	\$150.00	\$7,500.00
0067	* Removal of Concrete Steps	SF	150	\$20.00	\$3,000.00
0068	Handrail, Pipe	LF	20	\$100.00	\$2,000.00
0069	* Removal of Handrail, Pipe	LF	20	\$25.00	\$500.00
0070	4-ft Planter Rail	LF	194	\$600.00	\$116,400.00
0071	5-ft Planter Rail	LF	18	\$750.00	\$13,500.00
0072	Planter Urn	EA	4	\$2,000.00	\$8,000.00
0073	Cast In Place Urn Pedestal	EA	3	\$200.00	\$600.00
0074	Bench	EA	4	\$2,200.00	\$8,800.00
0075	Trash Receptacle	EA	3	\$2,500.00	\$7,500.00
0076	Bike Rack	EA	6	\$800.00	\$4,800.00
0077	Structural Soil Cell	SF	5350	\$20.00	\$107,000.00
0078	Unit Pavers	SF	160	\$18.00	\$2,880.00
0079	Raised Planter Curb	LF	1150	\$50.00	\$57,500.00
0080	At-Grade Planter Curb	LF	650	\$30.00	\$19,500.00
0081	Bus Shelter Foundation	EA	2	\$5,000.00	\$10,000.00
0082	* Mobilization	LS	1	\$296,142.00	\$296,142.00

**DIVISION 1 SUBTOTAL : \$2,086,415.00**

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
<b>DIVISION 2: DES MOINES WATER WORKS</b>					
0200	12" CL 52 DIP, Open Cut	LF	1088	\$185.00	\$201,280.00
0201	8" CL 52 DIP, Restrained Joint, Open Cut	LF	10	\$100.00	\$1,000.00
0202	12" CL 52 DIP, Restrained Joint, Open Cut	LF	202	\$195.00	\$39,390.00
0203	* Prepare Excavation for Tapping Sleeve & Valve	EA	1	\$8,000.00	\$8,000.00
0204	8" Bend	EA	1	\$750.00	\$750.00
0205	12" Bend	EA	3	\$1,000.00	\$3,000.00
0206	12"x8" Reducer	EA	1	\$600.00	\$600.00
0207	4" Cap/Plug	EA	1	\$400.00	\$400.00
0208	6" Cap/Plug	EA	2	\$500.00	\$1,000.00
0209	8" Cap/Plug	EA	1	\$750.00	\$750.00
0210	12" Cap w/ 2" Blowoff	EA	1	\$1,500.00	\$1,500.00
0211	8" Valve	EA	1	\$2,500.00	\$2,500.00
0212	12" Valve	EA	1	\$3,500.00	\$3,500.00
0213	Hydrant Assembly	EA	6	\$10,000.00	\$60,000.00
0214	1" Water Service (Opposite Side)	EA	6	\$8,000.00	\$48,000.00
0215	1" Water Service (Same Side)	EA	2	\$6,000.00	\$12,000.00
0216	4" Water Service	EA	1	\$14,000.00	\$14,000.00
0217	6" Water Service at Sta. 32+94	EA	1	\$14,000.00	\$14,000.00
0218	6" Water Service at Sta. 35+35	EA	1	\$14,000.00	\$14,000.00
0219	8" Water Service at Sta. 30+55	EA	1	\$15,000.00	\$15,000.00
0220	Magnesium Anode, 32 LB	EA	22	\$1,000.00	\$22,000.00
0221	Cathodic Protection Test Station	EA	2	\$800.00	\$1,600.00
0222	12" Pipe Isolation Coupling	EA	1	\$5,000.00	\$5,000.00
0223	Removal of Pavement, PCC	SY	60	\$20.00	\$1,200.00
0224	* Temporary Pavement - DMWW Work Outside of Phase 1 Area	SY	60	\$35.00	\$2,100.00
0225	Full Depth Patch, PCC, 10 In.	SY	136	\$120.00	\$16,320.00
0226	Sidewalk, PCC, 5 IN. - DMWW Work Outside of Phase 1 Area	SY	30	\$64.00	\$1,920.00
0227	* Removal of Sidewalk - DMWW Work Outside of Phase 1 Area	SY	30	\$5.00	\$150.00
0228	* Temporary Traffic Control - DMWW Work Outside of Phase 1 Area	EA	1	\$50,000.00	\$50,000.00
0229	Foundation Rock	TON	75	\$35.00	\$2,625.00
0230	Granular Backfill Material	TON	500	\$40.00	\$20,000.00
0231	* Remove Unsuitable Materials	TON	500	\$60.00	\$30,000.00

**DIVISION 2 SUBTOTAL: \$593,585.00**

Prepared By: Christopher Kuhl

Checked By: \_\_\_\_\_

**TOTAL CONSTRUCTION COST \$2,680,000.00**  
(DIVISION 1 + DIVISION 2)

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

\* Estimate Total= \$668,052.00