



7B

DATE December 7, 2020

ORDERING CONSTRUCTION OF
INGERSOLL AVENUE STREETScape FROM 24TH STREET TO 28TH STREET (NORTH SIDE)
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 12, 2021
AND PUBLIC HEARING ON FEBRUARY 8, 2021
ENGINEER'S ESTIMATE IS \$3,600,000.00

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 24th Street to 28th Street (north side), 042021007

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. 625-160/297, on Ingersoll Avenue from 24th Street to 28th Street (north side), Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,600,000.00. 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 MSC Board Room, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on February 8, 2021, 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 12, 2021, 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 January 12, 2021, 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

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DATE December 7, 2020

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 20-526 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul

Nickolas J. Schaul
Director of Finance

Funding Source: 2020-2021 CIP, Page Street – 22, Ingersoll Streetscape, ST276, TIF-Backed G. O. Bonds,
Being:

SLN \$3,054,300 in TIF bonds, \$36,200 from various Utility Companies for conduit installations and the remaining \$509,500 from Des Moines Water Works

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

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CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2021-007

DATE: 11/16/2020

PROJECT: INGERSOLL AVENUE STREETScape FROM 24TH STREET TO 28TH STREET (NORTH SIDE)

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
DIVISION 1: INGERSOLL STREETScape (CITY OF DES MOINES)					
0001	* Clearing and Grubbing	UNIT	59.6	\$125.00	\$7,450.00
0002	Excavation, Class 10, Waste	CY	3750	\$30.00	\$112,500.00
0003	Subgrade Preparation, 6 IN.	SY	4000	\$6.00	\$24,000.00
0004	Subgrade Treatment, Geogrid, Type 2	SY	2500	\$5.00	\$12,500.00
0005	Subbase, Modified Subbase, 12"	SY	4000	\$64.00	\$256,000.00
0006	Replacement of Unsuitable Backfill Material	TON	500	\$65.00	\$32,500.00
0007	Storm Sewer, Trenched, RCP, 15 in.	LF	357	\$100.00	\$35,700.00
0008	* Removal of Storm Sewer, <30" Diameter	LF	17	\$20.00	\$340.00
0009	Subdrain, 6 In.	LF	1596	\$25.00	\$39,900.00
0010	Subdrain Cleanout, Type A-1	EA	4	\$750.00	\$3,000.00
0011	Subdrain Outlets and Connections	EA	22	\$500.00	\$11,000.00
0012	Manhole, SW-301, 48"	EA	1	\$6,500.00	\$6,500.00
0013	Manhole, SW-402	EA	1	\$6,500.00	\$6,500.00
0014	Intake, SW-501	EA	2	\$5,000.00	\$10,000.00
0015	Intake, SW-503 Modified	EA	4	\$7,500.00	\$30,000.00
0016	Intake, SW-506 Modified	EA	3	\$7,500.00	\$22,500.00
0017	Intake, SW-511	EA	1	\$5,000.00	\$5,000.00
0018	Manhole Adjustment, Minor	EA	4	\$3,000.00	\$12,000.00
0019	Intake Adjustment, Major	EA	1	\$3,000.00	\$3,000.00
0020	* Remove Intake	EA	3	\$3,500.00	\$10,500.00
0021	* Remove Manhole	EA	2	\$3,500.00	\$7,000.00
0022	Pavement, PCC, 6 IN.	SY	102	\$75.00	\$7,650.00
0023	Pavement, PCC, 9 IN.	SY	466	\$105.00	\$48,930.00
0024	Pavement, Integral Color PCC, 8 IN.	SY	118	\$130.00	\$15,340.00
0025	Pavement, HMA, 6 IN.	SY	38.5	\$200.00	\$7,700.00
0026	Pavement, HMA 9 IN.	SY	3180	\$55.00	\$174,900.00
0027	* HMA Pavement Samples and Testing	LS	1	\$2,500.00	\$2,500.00
0028	* Removal of Sidewalk	SY	1300	\$15.00	\$19,500.00
0029	Sidewalk, PCC, 5 IN.	SY	1445	\$75.00	\$108,375.00
0030	Sidewalk, PCC, 6 IN.	SY	35	\$75.00	\$2,625.00
0031	Sidewalk, Integral Color PCC, 6 IN.	SY	742	\$135.00	\$100,170.00
0032	Sidewalk, PCC, Class A	SY	396.5	\$85.00	\$33,702.50
0033	Detectable Warnings	SF	100	\$60.00	\$6,000.00
0034	Driveway, Paved, PCC, 8 IN.	SY	589	\$100.00	\$58,900.00
0035	Sidewalk Deep Penetrating Water Repellant	SF	21312	\$1.00	\$21,312.00
0036	* Temp Driveway, HMA Millings	TON	500	\$60.00	\$30,000.00
0037	* Milling	SY	1724	\$3.00	\$5,172.00
0038	* Pavement Removal, PCC	SY	361	\$18.00	\$6,498.00
0039	* Pavement Removal, HMA	SY	726	\$18.00	\$13,068.00
0040	* Pavement Removal, Composite	SY	3400	\$25.00	\$85,000.00
0041	Engineering Fabric	SY	500	\$6.00	\$3,000.00
0042	Storage Aggregate	TON	250	\$55.00	\$13,750.00
0043	Filter Aggregate	TON	100	\$55.00	\$5,500.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
0044	Permeable Interlocking Pavers	SY	372	\$66.00	\$24,552.00
0045	* Removal of Trolley Tracks	LF	1374	\$50.00	\$68,700.00
0046	Conduit, Trenched, 1 1/2 IN. (Planter Lighting)	LF	1200	\$19.00	\$22,800.00
0047	Conduit, Trenched, 2 IN. (Street Lighting)	LF	1400	\$21.00	\$29,400.00
0048	Conduit, Trenchless, 2 IN. (Fiber Conduit)	LF	16000	\$6.00	\$96,000.00
0049	Conduit, Trenchless, 4 IN.	LF	8100	\$16.00	\$129,600.00
0050	Conduit, Trenchless, 6 IN.	LF	4000	\$18.00	\$72,000.00
0051	Handhole, 2'x3'x3'	EA	14	\$2,500.00	\$35,000.00
0052	Handhole, Small	EA	10	\$1,500.00	\$15,000.00
0053	Light Pole Base, 12-FT Depth	EA	12	\$8,500.00	\$102,000.00
0054	Transformer Base	EA	4	\$7,500.00	\$30,000.00
0055	Electric Service Weatherhead Conversion, 2210 Ingersoll	LS	1	\$4,500.00	\$4,500.00
0056	Electric Service Weatherhead Conversion, 2212 Ingersoll	LS	1	\$3,500.00	\$3,500.00
0057	Electric Service Weatherhead Conversion, 2507 Ingersoll	LS	1	\$5,500.00	\$5,500.00
0058	Electric Service Weatherhead Conversion, Billboard, Ingersoll	LS	1	\$2,500.00	\$2,500.00
0059	Electric Service Weatherhead Conversion, 2423 Ingersoll	LS	1	\$3,500.00	\$3,500.00
0060	* Painted Pavement Markings, Solvent/Waterborne	STA	105.4	\$175.00	\$18,445.00
0061	* Painted Symbols and Legends	EA	21	\$150.00	\$3,150.00
0062	* Pavement Markings Removed	STA	90	\$85.00	\$7,650.00
0063	* Symbols and Legends Removed	EA	8	\$160.00	\$1,280.00
0064	* Painted Symbols and Legends, Epoxy	EA	14	\$500.00	\$7,000.00
0065	Signs, Sheet Aluminum	SF	22	\$100.00	\$2,200.00
0066	Signs Posts	EA	6	\$300.00	\$1,800.00
0067	* Temporary Traffic Control	LS	1	\$90,000.00	\$90,000.00
0068	* Portable Dynamic Message Sign	CDA	28	\$160.00	\$4,480.00
0069	* Temporary Barrier Rail, Concrete	LF	500	\$40.00	\$20,000.00
0070	* Daily Lane Closure	DAY	20	\$550.00	\$11,000.00
0071	* Temporary Business Signs, Sheet Aluminum	SF	500	\$35.00	\$17,500.00
0072	Sign Removal and Replacement	EA	22	\$300.00	\$6,600.00
0073	* Temporary RRFB Signal	LS	1	\$2,500.00	\$2,500.00
0074	Inductive Loop Detector, 6'x8'	EA	4	\$1,500.00	\$6,000.00
0075	Pedestrian Pole Footing	EA	1	\$2,500.00	\$2,500.00
0076	Preformed Bicycle Loop Detector	EA	1	\$2,500.00	\$2,500.00
0077	Bicycle Loop Counter	EA	1	\$2,500.00	\$2,500.00
0078	* Hydraulic Seeding, Seeding, Fertilizing, and Mulching	AC	4	\$4,000.00	\$16,000.00
0079	* Storm Water Pollution Prevention Plan (SWPPP)	LS	1	\$5,000.00	\$5,000.00
0080	* Filter Socks, 12 In.	LF	1000	\$4.00	\$4,000.00
0081	* Inlet Protection Device, Drop-In	EA	13	\$275.00	\$3,575.00
0082	* Inlet Protection Device Maintenance	EA	13	\$55.00	\$715.00
0083	* Orange Safety Fence (Rigid)	LF	1767	\$10.00	\$17,670.00
0084	* Temporary Chain Link Fence	LF	1500	\$6.00	\$9,000.00
0085	Modular Block Retaining Wall	SF	38	\$100.00	\$3,800.00
0086	4-ft Planter Rail	EA	268	\$600.00	\$160,800.00
0087	5-ft Planter Rail	EA	49	\$750.00	\$36,750.00
0088	Planter Urn	EA	10	\$2,000.00	\$20,000.00
0089	Cast In Place Urn Pedestal	CY	5	\$300.00	\$1,500.00
0090	Bench	EA	10	\$2,200.00	\$22,000.00
0091	Trash Receptacle	EA	4	\$2,600.00	\$10,400.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
0092	Bike Rack	EA	9	\$800.00	\$7,200.00
0093	Unit Pavers	SF	420	\$20.00	\$8,400.00
0094	Raised Planter Curb	LF	1600	\$55.00	\$88,000.00
0095	Topsoil, Import	CY	155	\$80.00	\$12,400.00
0096	* Streetscape Plantings	SF	5000	\$8.00	\$40,000.00
0097	* Overstory Tree	EA	31	\$600.00	\$18,600.00
0098	* Temporary Irrigation	GAL	50000	\$0.25	\$12,500.00
0099	Bus Shelter Foundation	EA	1	\$4,000.00	\$4,000.00
0100	River Rock, 2 In. Dia.	CY	20	\$200.00	\$4,000.00
0101	Concrete Retaining Wall Block	LF	216	\$75.00	\$16,200.00
0102	* Mobilization	LS	1	\$298,850.50	\$298,850.50

DIVISION 1 SUBTOTAL : \$3,090,500.00

DIVISION 2: DES MOINES WATER WORKS

0200	12" CL 52 DIP, Stab Joint, Open Cut	LF	830	\$185.00	\$153,550.00
0201	12" CL 52 DIP, Restrained Joint, Open Cut	LF	531	\$195.00	\$103,545.00
0202	16" PVC Casing Pipe	LF	20	\$100.00	\$2,000.00
0203	* Prepare Excavation for Tapping Sleeve & Valve	EA	1	\$8,000.00	\$8,000.00
0204	12" Bend	EA	12	\$1,000.00	\$12,000.00
0205	8" Cap/Plug	EA	1	\$750.00	\$750.00
0206	12" Temporary Cap w/ Minimum 4" Valved Blowoff (Use Twice)	EA	1	\$1,500.00	\$1,500.00
0207	12" Valve	EA	3	\$3,500.00	\$10,500.00
0208	Hydrant Assembly At Sta. 13+33	EA	1	\$10,000.00	\$10,000.00
0209	Hydrant Assembly At Sta. 17+26	EA	1	\$12,000.00	\$12,000.00
0210	Hydrant Assembly At Sta. 20+17	EA	1	\$10,000.00	\$10,000.00
0211	1" Water Service (Opposite Side)	EA	5	\$8,000.00	\$40,000.00
0212	1" Water Service (Same Side)	EA	4	\$6,000.00	\$24,000.00
0213	2" Water Service (Opposite Side)	EA	3	\$9,000.00	\$27,000.00
0214	2" Water Service (Same Side)	EA	1	\$7,000.00	\$7,000.00
0215	6" Water Service (Opposite Side)	EA	3	\$14,000.00	\$42,000.00
0216	Magnesium Anode, 32 LB	EA	24	\$1,000.00	\$24,000.00
0217	Cathodic Protection Test Station	EA	2	\$800.00	\$1,600.00
0218	* Removal of Street Pavement for Valve Box Removal in Eastbound Lane - DMWW	SY	20	\$30.00	\$600.00
0219	Full Depth Patch, PCC, 10 In. - DMWW Work Outside Construction Limits	SY	20	\$120.00	\$2,400.00
0220	Sidewalk, PCC, 5 IN. - DMWW Work Outside Construction Limits	SY	20	\$64.00	\$1,280.00
0221	* Removal of Sidewalk - DMWW Work Outside Construction Limits	SY	30	\$5.00	\$150.00
0222	* Temporary Traffic Control - DMWW Work Outside Construction Limits	LS	1	\$12,000.00	\$12,000.00
0223	* Dormant Seeding - DMWW Work Outside Construction Limits	AC	1	\$1,000.00	\$1,000.00
0224	Foundation Rock	TON	75	\$35.00	\$2,625.00

DIVISION 2 SUBTOTAL: \$509,500.00

Prepared By: Christopher Kuhl

Checked By: _____

TOTAL CONSTRUCTION COST \$3,600,000.00
(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= \$886,393.50