



Roll Call Number

Agenda Item Number

7E

DATE December 20, 2021

ORDERING CONSTRUCTION OF
INGERSOLL AVENUE STREETScape FROM 28TH STREET
TO M.L. KING JR. PARKWAY (SOUTH SIDE)
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 25, 2022
AND PUBLIC HEARING ON FEBRUARY 7, 2022
ENGINEER'S ESTIMATE IS \$5,350,000.00

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 28th Street to M.L. King Jr. Parkway (South Side), 042022004

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 No. 638-001/196, on Ingersoll Avenue from 28th Street to M.L. King Jr. Parkway (south side), Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$5,350,000.00. 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 February 7, 2022, 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 25, 2022, 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 25, 2022, 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.



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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 21-545 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance



Funding Source: 2021-2022 CIP, Page 128, Ingersoll Streetscape, ST276, TIF-Backed G. O. Bonds

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

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.

Mayor

City Clerk

CONSTRUCTION ESTIMATE

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DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2022-004

DATE: 11/22/2021

PROJECT: INGERSOLL AVENUE STREETScape FROM 28TH STREET TO M.L. KING JR. PARKWAY (SOUTH SIDE)

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
0001	* CLEARING AND GRUBBING	UNIT	88.2	\$125.00	\$11,025.00
0002	TOPSOIL, ON-SITE	CY	100	\$20.00	\$2,000.00
0003	EXCAVATION, CLASS 10, WASTE	CY	7013	\$40.00	\$280,520.00
0004	SUBGRADE PREPARATION, 6"	SY	9080	\$6.00	\$54,480.00
0005	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	4153	\$4.00	\$16,612.00
0006	SUBBASE, MODIFIED SUBBASE, 4"	SY	2010	\$10.00	\$20,100.00
0007	SUBBASE, MODIFIED SUBBASE, 12"	SY	6480	\$30.00	\$194,400.00
0008	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	TON	500	\$25.00	\$12,500.00
0009	STORM SEWER, TRENCHED, DIP, 15"	LF	36	\$125.00	\$4,500.00
0010	STORM SEWER, TRENCHED, 15"	LF	1305	\$125.00	\$163,125.00
0011	STORM SEWER, TRENCHED, 18"	LF	422	\$150.00	\$63,300.00
0012	STORM SEWER, TRENCHED, 24"	LF	7	\$180.00	\$1,260.00
0013	* REMOVAL OF STORM SEWER, <30" DIAMETER	LF	28	\$30.00	\$840.00
0014	* STORM SEWER ABANDONMENT, PLUG	EA	1	\$1,500.00	\$1,500.00
0015	SUBDRAIN, 6"	LF	3224	\$30.00	\$96,720.00
0016	SUBDRAIN CLEANOUT, TYPE A-1	EA	4	\$750.00	\$3,000.00
0017	SUBDRAIN OUTLETS AND CONNECTIONS	EA	42	\$500.00	\$21,000.00
0018	SPOT REPAIRS BY PIPE REPLACEMENT	EA	2	\$3,500.00	\$7,000.00
0019	SPOT REPAIRS BY PIPE REPLACEMENT	LF	20	\$250.00	\$5,000.00
0020	* WATER MAIN REMOVAL, 8"	LF	755	\$20.00	\$15,100.00
0021	MANHOLE, SW-303, 48"	EA	9	\$7,500.00	\$67,500.00
0022	MANHOLE, SW-401, 48"	EA	4	\$6,500.00	\$26,000.00
0023	MANHOLE, SW-402, 48"X48"	EA	4	\$9,500.00	\$38,000.00
0024	MANHOLE, SW-402, 48"X60"	EA	2	\$11,500.00	\$23,000.00
0025	MANHOLE, SW-402, 48"X72"	EA	1	\$12,500.00	\$12,500.00
0026	MANHOLE, SW-402, 48"X84"	EA	1	\$14,500.00	\$14,500.00
0027	MANHOLE, SW-402, 60"X72"	EA	1	\$17,000.00	\$17,000.00
0028	INTAKE, SW-501	EA	8	\$6,000.00	\$48,000.00
0029	INTAKE, SW-502	EA	1	\$6,500.00	\$6,500.00
0030	INTAKE, SW-505	EA	11	\$7,500.00	\$82,500.00
0031	INTAKE, SW-511	EA	1	\$6,500.00	\$6,500.00
0032	INTAKE, SW-512	EA	1	\$5,000.00	\$5,000.00
0033	MANHOLE ADJUSTMENT, MINOR	EA	11	\$2,000.00	\$22,000.00
0034	* REMOVE INTAKE	EA	11	\$1,500.00	\$16,500.00
0035	* REMOVE MANHOLE	EA	9	\$1,500.00	\$13,500.00
0036	INTAKE, TRENCH DRAIN	LF	102	\$1,500.00	\$153,000.00
0037	PAVEMENT, PCC, 6"	SY	35	\$105.00	\$3,675.00
0038	PAVEMENT, PCC, 9"	SY	1184	\$110.00	\$130,240.00
0039	PAVEMENT, INTEGRAL COLOR PCC, 8"	SY	204	\$135.00	\$27,540.00
0040	CURB AND GUTTER, 2.0'	LF	984	\$45.00	\$44,280.00
0041	PAVEMENT, HMA, 7"	SY	1254	\$45.00	\$56,430.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
0042	PAVEMENT, HMA, 9"	SY	4377	\$50.00	\$218,850.00
0043	* HMA PAVEMENT SAMPLES AND TESTING	LS	1	\$2,500.00	\$2,500.00
0044	HMA OVERLAY, 1.25"	TON	6	\$125.00	\$750.00
0045	* REMOVAL OF SIDEWALK	SY	1501	\$15.00	\$22,515.00
0046	SIDEWALK, PCC, 5"	SY	1935	\$75.00	\$145,125.00
0047	SIDEWALK, PCC, 6"	SY	49	\$75.00	\$3,675.00
0048	SIDEWALK, INTEGRAL COLOR PCC, 6"	SY	1520	\$135.00	\$205,200.00
0049	SIDEWALK, PCC, CLASS A	SY	987	\$100.00	\$98,700.00
0050	DETECTABLE WARNINGS	SF	106	\$65.00	\$6,890.00
0051	DRIVEWAY, PAVED, PCC, 6"	SY	167	\$75.00	\$12,525.00
0052	DRIVEWAY, PAVED, PCC, 8"	SY	1220	\$100.00	\$122,000.00
0053	SIDEWALK DEEP PENETRATING WATER REPELLANT	SF	42255	\$1.00	\$42,255.00
0054	FULL DEPTH PATCHES, PCC	SY	80	\$150.00	\$12,000.00
0055	* TEMP DRIVEWAYS, HMA MILLINGS	TON	500	\$40.00	\$20,000.00
0056	* MILLING	SY	3018	\$3.00	\$9,054.00
0057	* PAVEMENT REMOVAL, PCC	SY	1239	\$20.00	\$24,780.00
0058	* PAVEMENT REMOVAL, HMA	SY	170	\$12.00	\$2,040.00
0059	* PAVEMENT REMOVAL, COMPOSITE	SY	7017	\$25.00	\$175,425.00
0060	* REMOVAL OF CURB AND GUTTER	LF	982	\$15.00	\$14,730.00
0061	ENGINEERING FABRIC	SY	2100	\$15.00	\$31,500.00
0062	STORAGE AGGREGATE	TON	775	\$65.00	\$50,375.00
0063	FILTER AGGREGATE	TON	200	\$55.00	\$11,000.00
0064	PERMEABLE INTERLOCKING PAVERS	SY	894	\$66.00	\$59,004.00
0065	* REMOVAL OF TROLLEY TRACKS	LF	2425	\$50.00	\$121,250.00
0066	SALVAGE BRICK PAVERS	SY	126	\$15.00	\$1,890.00
0067	BRICK PAVERS	SY	60	\$100.00	\$6,000.00
0068	TRAFFIC SIGNALIZATION	LS	1	\$50,000.00	\$50,000.00
0069	CONDUIT, TRENCHED, 1 1/2 IN. (PLANTER LIGHTING)	LF	2526	\$19.00	\$47,994.00
0070	CONDUIT, TRENCHED, 2 IN. (STREET LIGHTING)	LF	2526	\$21.00	\$53,046.00
0071	HANDHOLE, SMALL	EA	26	\$1,500.00	\$39,000.00
0072	LIGHT POLE BASE, 12-FT DEPTH	EA	19	\$4,500.00	\$85,500.00
0073	* REMOVABLE PREFORMED TAPE MARKINGS	STA	4.5	\$375.00	\$1,687.50
0074	* PAINTED PAVEMENT MARKINGS. SOLVENT/WATERBORNE	STA	99	\$50.00	\$4,950.00
0075	PERMANENT TAPE MARKINGS	STA	99	\$500.00	\$49,500.00
0076	* PRECUT SYMBOLS AND LEGENDS	EA	15	\$500.00	\$7,500.00
0077	* PAVEMENT MARKINGS REMOVED	STA	4.5	\$85.00	\$382.50
0078	* PAINTED SYMBOLS AND LEGENDS, EPOXY	EA	12	\$275.00	\$3,300.00
0079	* GROOVES CUT FOR PAVEMENT MARKINGS	STA	99	\$75.00	\$7,425.00
0080	* GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	15	\$175.00	\$2,625.00
0081	* SIGNS, SHEET ALUMINUM	SF	44	\$30.00	\$1,320.00
0082	* SIGN POSTS	EA	40	\$150.00	\$6,000.00
0083	* CURB DELINEATOR SIGNS	EA	19	\$500.00	\$9,500.00
0084	* TEMPORARY TRAFFIC CONTROL	LS	1	\$75,000.00	\$75,000.00
0085	* PORTABLE DYNAMIC MESSAGE SIGN	CDAY	28	\$160.00	\$4,480.00
0086	* TEMPORARY BARRIER RAIL, CONCRETE	LF	5400	\$25.00	\$135,000.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
0087	* DAILY LANE CLOSURE	DAY	14	\$250.00	\$3,500.00
0088	* TEMPORARY BUSINESS SIGNS, SHEET ALUMINUM	SF	500	\$10.00	\$5,000.00
0089	* SIGN REMOVAL AND REPLACEMENT	EA	21	\$300.00	\$6,300.00
0090	* TEMPORARY RRFB SIGNAL	EA	1	\$2,500.00	\$2,500.00
0091	INDUCTIVE LOOP DETECTOR 6'X8'	EA	4	\$2,000.00	\$8,000.00
0092	PREFORMED BICYCLE LOOP DETECTOR	EA	1	\$2,500.00	\$2,500.00
0093	* HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	2	\$4,000.00	\$8,000.00
0094	* STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1	\$5,000.00	\$5,000.00
0095	* FILTER SOCKS, 12 IN.	LF	2000	\$4.00	\$8,000.00
0096	* INLET PROTECTION DEVICE, DROP-IN	EA	23	\$275.00	\$6,325.00
0097	* INLET PROTECTION DEVICE MAINTENANCE	EA	19	\$55.00	\$1,045.00
0098	* ORANGE SAFETY FENCE (RIGID)	LF	984	\$5.50	\$5,412.00
0099	* TEMPORARY CHAIN LINK FENCE	LF	2545	\$6.00	\$15,270.00
0100	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	4.4	\$1,250.00	\$5,500.00
0101	CONCRETE STEPS (TYPE B)	SF	25	\$75.00	\$1,875.00
0102	HAND RAIL	LF	10	\$30.00	\$300.00
0103	SAFETY RAIL	LF	72	\$30.00	\$2,160.00
0104	4-FT PLANTER RAIL	EA	660	\$400.00	\$264,000.00
0105	URN DRAINAGE PIPING	LF	240	\$25.00	\$6,000.00
0106	PLANTER URN	EA	24	\$2,000.00	\$48,000.00
0107	CAST IN PLACE URN PEDESTAL	CY	12	\$1,000.00	\$12,000.00
0108	BENCH	EA	24	\$2,500.00	\$60,000.00
0109	TRASH RECEPTACLE	EA	8	\$2,800.00	\$22,400.00
0110	BIKE RACK	EA	11	\$800.00	\$8,800.00
0111	UNIT PAVERS	SF	870	\$20.00	\$17,400.00
0112	RAISED PLANTER CURB	LF	3572	\$55.00	\$196,460.00
0113	REINFORCED INTEGRAL SIDEWALK CURB	LF	804	\$55.00	\$44,220.00
0114	* AMENDED SOIL	CY	400	\$80.00	\$32,000.00
0115	* STREETScape PLANTINGS	SF	10200	\$8.00	\$81,600.00
0116	* OVERSTORY TREE	EA	76	\$600.00	\$45,600.00
0117	* TEMPORARY IRRIGATION	GAL	100000	\$0.25	\$25,000.00
0118	BIKE REST BAR	EA	2	\$1,500.00	\$3,000.00
0119	BUS SHELTER FOUNDATION	LS	3	\$4,000.00	\$12,000.00
0120	* BRICK CHIPS	CY	20	\$210.00	\$4,200.00
0121	* MOBILIZATION	LS	1	\$438,243.00	\$438,243.00
0122	* COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE	LS	1	\$150,000.00	\$150,000.00

Prepared By: Christopher Kuhl

Checked By: _____

TOTAL CONSTRUCTION COST **\$5,350,000.00**

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

* Estimate Total= \$1,552,924.00