



Roll Call Number

Agenda Item Number

6B

DATE November 21, 2022

ORDERING CONSTRUCTION OF
E. COURT AVENUE RECONSTRUCTION FROM DES MOINES RIVER TO E. 7TH STREET
AND FIXING A DATE FOR RECEIVING OF BIDS ON DECEMBER 13, 2022
AND PUBLIC HEARING ON JANUARY 9, 2023
ENGINEER'S ESTIMATE IS \$6,800,000.00

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. Court Avenue Reconstruction from Des Moines River to E. 7th Street, 062020015

The improvement includes the reconstruction of E. Court Avenue with Portland Cement Concrete (PCC) curb and gutter, PCC bike lanes, PCC sidewalk and driveways, Hot Mix Asphalt (HMA) paving, modified subbase, removals, storm sewer, subdrain, grading, water main construction, site furnishings, trees, erosion control and restoration, and other incidental items; all in accordance with the contract documents, including Plan File No. 645-144/318, located along E. Court Avenue from the Des Moines River to east of E. 7th Street, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$6,800,000.00. 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 January 9, 2023, 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 December 13, 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 December 13, 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 22-530 attached.)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE

sl Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

Funding Source: 2022-23 CIP, Page 167, LOSST Street Improvements, ST800, LOSST Monies, Being: \$5,778,590 Local Option Sales and Service Tax (LOSST) Funding, and the remaining \$1,021,410 American Rescue Plan Act (ARPA) Funding for Water Main

SLN
pw

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

I, Laura Baumgartner, 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

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2020-015

6B

DATE: 10/20/22

PROJECT: E. COURT AVENUE RECONSTRUCTION FROM DES MOINES RIVER TO E. 7TH STREET

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	* 2010-108-C-0	CLEARING AND GRUBBING	LS	1	\$15,000.00	\$15,000.00
0002	* 2010-108-E-0	EXCAVATION, CLASS 10 ROADWAY + BORROW	LS	1	\$100,000.00	\$100,000.00
0003	2010-108-G-0	SUBGRADE PREPARATION, 12 IN.	SY	22370	\$5.00	\$111,850.00
0004	2010-108-H-0	GRANULAR STABILIZATION, 3" CLEAN CRUSHED STONE	CY	900	\$25.00	\$22,500.00
0005	2010-108-I-0	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY	5000	\$5.00	\$25,000.00
0006	2010-108-J-0	MODIFIED SUBBASE, 6 IN.	SY	22370	\$8.00	\$178,960.00
0007	4020-108-A-1	STORM SEWER, TRENCHED, 15 IN.	LF	811	\$80.00	\$64,880.00
0008	4020-108-A-1	STORM SEWER, TRENCHED, 18 IN.	LF	240	\$85.00	\$20,400.00
0009	4020-108-A-1	STORM SEWER, TRENCHED, 24 IN.	LF	42	\$100.00	\$4,200.00
0010	4020-108-A-1	STORM SEWER, TRENCHED, 36 IN.	LF	36	\$150.00	\$5,400.00
0011	4020-108-A-1	STORM SEWER, TRENCHED, 42 IN.	LF	172	\$225.00	\$38,700.00
0012	* 4020-108-D-0	REMOVAL OF STORM SEWER LESS THAN OR EQUAL TO 36 IN.	LF	475	\$30.00	\$14,250.00
0013	4040-108-A-0	SUBDRAIN, 6 IN.	LF	6118	\$20.00	\$122,360.00
0014	4040-108-D-0	SUBDRAIN OUTLETS AND CONNECTIONS	EA	60	\$350.00	\$21,000.00
0015	SPECIAL	WATER MAIN, TRENCHED, DIP, 4 IN.	LF	141	\$100.00	\$14,100.00
0016	SPECIAL	WATER MAIN, TRENCHED, DIP, 6 IN.	LF	283	\$115.00	\$32,545.00
0017	SPECIAL	WATER MAIN, TRENCHED, DIP, 8 IN.	LF	342	\$140.00	\$47,880.00
0018	SPECIAL	WATER MAIN, TRENCHED, DIP, 12 IN.	LF	2352	\$165.00	\$388,080.00
0019	SPECIAL	WATER MAIN WITH CASING PIPE, DIP, 8 IN.	LF	46	\$800.00	\$36,800.00
0020	SPECIAL	FITTING BY WEIGHT, DUCTILE IRON	LB	5743	\$15.00	\$86,145.00
0021	SPECIAL	WATER SERVICE, 1 IN.	EA	6	\$2,500.00	\$15,000.00
0022	SPECIAL	WATER SERVICE, 4 IN.	EA	4	\$4,500.00	\$18,000.00
0023	SPECIAL	WATER SERVICE, 6 IN.	EA	4	\$6,500.00	\$26,000.00
0024	SPECIAL	VALVE, GATE, DIP, 4 IN.	EA	3	\$2,000.00	\$6,000.00
0025	SPECIAL	VALVE, GATE, DIP, 6 IN.	EA	4	\$2,500.00	\$10,000.00
0026	SPECIAL	VALVE, GATE, DIP, 8 IN.	EA	7	\$3,500.00	\$24,500.00
0027	SPECIAL	VALVE, GATE, DIP, 12 IN.	EA	10	\$4,500.00	\$45,000.00
0028	SPECIAL	FIRE HYDRANT ASSEMBLY WM-201	EA	8	\$9,000.00	\$72,000.00
0029	* SPECIAL	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	EA	2	\$5,000.00	\$10,000.00
0030	SPECIAL	CONNECTION TO EXISTING WATER SYSTEM	EA	9	\$5,000.00	\$45,000.00
0031	SPECIAL	ABANDONMENT OF EXISTING WATER MAIN	LF	3130	\$30.00	\$93,900.00
0032	SPECIAL	32 LB MAGNESIUM ANODE	EA	46	\$750.00	\$34,500.00
0033	6010-108-A-0	MANHOLE, STORM SEWER, SW-401, 72 IN.	EA	3	\$10,000.00	\$30,000.00
0034	6010-108-A-0	MANHOLE, STORM SEWER, SW-401, 72 IN. TOP ONLY	EA	1	\$4,000.00	\$4,000.00
0035	SPECIAL	MANHOLE, STORM SEWER, SW-401, 48 IN. TOP ONLY	EA	1	\$3,500.00	\$3,500.00
0036	SPECIAL	MANHOLE, STORM SEWER, SW-401, 60 IN. TOP ONLY	EA	1	\$4,000.00	\$4,000.00
0037	6010-108-B-0	INTAKE, SINGLE GRATE, SW-501	EA	7	\$5,500.00	\$38,500.00
0038	6010-108-B-0	INTAKE, SIGNLE GRATE, SW-501 TOP ONLY	EA	10	\$3,000.00	\$30,000.00
0039	6010-108-B-0	INTAKE, DOUBLE GRATE, SW-505	EA	29	\$7,500.00	\$217,500.00
0040	6010-108-B-0	INTAKE, DOUBLE GRATE, SW-505 DOGHOUSE	EA	1	\$9,000.00	\$9,000.00
0041	6010-108-B-0	INTAKE, DOUBLE GRATE, SW-505 TOP ONLY	EA	1	\$4,000.00	\$4,000.00
0042	6010-108-B-0	INTAKE, DOUBLE GRATE WITH MANHOLE, SW-506	EA	3	\$9,000.00	\$27,000.00
0043	6010-108-E-0	MANHOLE ADJUSTMENT, MINOR	EA	24	\$2,500.00	\$60,000.00
0044	6010-108-F-0	MANHOLE ADJUSTMENT, MAJOR	EA	22	\$4,000.00	\$88,000.00
0045	SPECIAL	CONNECTION TO EXISTING MH	EA	10	\$2,500.00	\$25,000.00
0046	* SPECIAL	REMOVAL OF INTAKE/MH	EA	23	\$3,500.00	\$80,500.00
0047	* SPECIAL	REMOVAL OF INTAKE - TOP ONLY	EA	15	\$2,000.00	\$30,000.00
0048	7010-108-A-0	PAVEMENT, PCC, CLASS C-SUD, 8 IN	SY	12482	\$85.00	\$1,060,970.00
0049	7020-108-B-0	PAVEMENT, HMA, 8 IN	SY	7486	\$80.00	\$598,880.00

6B

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT	
			UNIT	TOTAL	UNIT PRICE	TOTAL	
0050	*	7030-108-A-0	REMOVAL OF SIDEWALK	SY	5882	\$20.00	\$117,640.00
0051	*	7030-108-A-0	REMOVAL OF DRIVEWAY	SY	930	\$20.00	\$18,600.00
0052		7030-108-E-0	SIDEWALK, PCC, 5 IN.	SY	8084	\$85.00	\$687,140.00
0053		7030-108-E-0	SIDEWALK, PCC, 4 IN.	SY	585	\$80.00	\$46,800.00
0054		7030-108-G-0	DETECTABLE WARNING	SF	840	\$50.00	\$42,000.00
0055		7030-108-H-1	DRIVEWAY, PCC, 7 IN.	SY	855	\$90.00	\$76,950.00
0056	*	SPECIAL	TEMPORARY PAVEMENT, HMA	SY	1260	\$20.00	\$25,200.00
0057	*	SPECIAL	TEMPORARY GRANULAR SURFACING	CY	75	\$45.00	\$3,375.00
0058	*	7040-108-H-1	PAVEMENT REMOVAL	SY	21495	\$20.00	\$429,900.00
0059		8010-108-A-0	TRAFFIC SIGNAL MODIFICATIONS - E 4TH STREET	LS	1	\$30,000.00	\$30,000.00
0060		8010-108-A-0	TRAFFIC SIGNAL MODIFICATIONS - E 6TH STREET	LS	1	\$125,000.00	\$125,000.00
0061		SPECIAL	RECTANGULAR RAPID FLASHING BEACON, REMOVE AND REINSTALL	EA	2	\$7,500.00	\$15,000.00
0062		8020-108-C-0	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	STA	363	\$100.00	\$36,300.00
0063		8020-108-C-0	PERMANENT TAPE MARKINGS, PROFILE PAVEMENT MARKING TAPE	STA	93	\$200.00	\$18,600.00
0064		8020-108-G-0	PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	40	\$300.00	\$12,000.00
0065		8020-108-C-0	PAINTED PAVEMENT MARKINGS, METHYL METHACRYLATE (MMA)	SF	5774	\$10.00	\$57,740.00
0066	*	8020-108-K-0	PAVEMENT MARKINGS REMOVED	STA	52	\$35.00	\$1,820.00
0067	*	8020-108-M-0	GROOVES CUT FOR PAVEMENT MARKINGS	STA	533	\$30.00	\$15,990.00
0068	*	8020-108-N-0	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	40	\$200.00	\$8,000.00
0069		SPECIAL	TYPE A SIGN, SHEET ALUMINUM	SF	236	\$25.00	\$5,900.00
0070		SPECIAL	SIGN POST, ROUND, STEEL POST	EA	20	\$110.00	\$2,200.00
0071		SPECIAL	METER POST, ROUND, STEEL POST	EA	21	\$500.00	\$10,500.00
0072	*	SPECIAL	REMOVAL OF SIGN AND SIGN POST	EA	61	\$25.00	\$1,525.00
0073	*	SPECIAL	REMOVE AND REINSTALL SIGN, AS PER PLAN	EA	16	\$250.00	\$4,000.00
0074	*	SPECIAL	REMOVE BOLLARDS	EA	8	\$500.00	\$4,000.00
0075	*	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1	\$150,000.00	\$150,000.00
0076		9020-108-A-0	SOD	SQ	360	\$200.00	\$72,000.00
0077	*	9010-108-D-0	WATERING	MGAL	84	\$60.00	\$5,040.00
0078		9030-108-B-0	PLANTS WITH WARRANTY, OVERSTORY TREES, 2" CAL.	EA	75	\$800.00	\$60,000.00
0079	*	SPECIAL	PREPARATION OF LANDSCAPE PLANTER	EA	75	\$2,500.00	\$187,500.00
0080		SPECIAL	HARDWOOD MULCH	CY	35	\$75.00	\$2,625.00
0081	*	SPECIAL	TREE TRUNK PROTECTION	EA	48	\$400.00	\$19,200.00
0082	*	SPECIAL	TREE PROTECTION FENCE	LF	1700	\$15.00	\$25,500.00
0083		SPECIAL	LITTER RECEPTACLE	EA	4	\$750.00	\$3,000.00
0084		SPECIAL	BIKE RACK	EA	9	\$750.00	\$6,750.00
0085	*	9040-108-A-1	SWPPP PREPARATION	LS	1	\$5,000.00	\$5,000.00
0086	*	9040-108-A-2	SWPPP MANAGEMENT	LS	1	\$15,000.00	\$15,000.00
0087	*	9040-108-D-1	FILTER SOCK, 9 IN.	LF	4000	\$3.00	\$12,000.00
0088	*	9040-108-D-2	FILTER SOCKS, REMOVAL	LF	4000	\$1.00	\$4,000.00
0089	*	9040-108-Q-2	EROSION CONTROL MULCHING, HYDROMULCHING	AC	1.6	\$3,000.00	\$4,800.00
0090	*	9040-108-T-1	INLET PROTECTION DEVICE	EA	51	\$350.00	\$17,850.00
0091	*	9040-108-T-2	INLET PROTECTION DEVICE, MAINTENANCE	EA	51	\$150.00	\$7,650.00
0092	*	11010-108-A	CONSTRUCTION SURVEY	LS	1	\$50,000.00	\$50,000.00
0093	*	11020-108-A-0	MOBILIZATION	LS	1	\$283,105.00	\$283,105.00
0094	*	SPECIAL	PROJECT SIGN - LOSST	LS	1	\$2,000.00	\$2,000.00
0095	*	11050-108-A-0	CONCRETE WASHOUT	LS	1	\$10,000.00	\$10,000.00
						TOTAL CONSTRUCTION COST	\$6,800,000.00

Prepared By: J. Bullock

Checked By: _____

TOTAL CONSTRUCTION COST \$6,800,000.00

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

* Estimate Total= \$1,678,445.00