



Date November 04, 2024

**ORDERING CONSTRUCTION OF
EAST ARMY POST ROAD TRUNK SANITARY SEWER FROM
SE 14TH STREET TO THREE LAKES ESTATES
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 19, 2024
AND PUBLIC HEARING ON DECEMBER 23, 2024
ENGINEER'S ESTIMATE IS \$4,500,000**

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:

East Army Post Road Trunk Sanitary Sewer from SE 14th Street to Three Lakes Estates,
Activity ID 072023001

The improvement includes clearing and grubbing, removals, sanitary sewer installation, storm sewer installation, intake replacement, replacement of driveways, sidewalks, street patches, traffic control, pavement markings, erosion control, restoration, seeding, and miscellaneous associated work, all in accordance with the contract documents including Plan File No. 663-312/414, located along East Army Post Road from SE 14th Street to Three Lakes Estates in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$4,500,000. 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 December 23, 2024, 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 November 19, 2024, 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 November 19, 2024, 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

7B

Date November 04, 2024

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.

(Council Communication No. 24-450)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

Funding Source: 2024-25 CIP, Page 86, Sanitary Sewer Trunk Sewers, SS120, Sanitary Sewer Fund

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
SIMONSON				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	
_____ Mayor				

CERTIFICATE

I, Laura Baumgartner, 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

7B

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2023-001
DATE: 7/25/24

PROJECT: EAST ARMY POST ROAD TRUNK SANITARY SEWER FROM SE 14TH STREET TO THREE LAKES ESTATES

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	* 2010-B-1000	CLEARING & GRUBBING BY AREA	AC	6.3	\$4,500.00	\$28,350.00
0002	* 2010-C-1000	CLEARING & GRUBBING BY UNITS	UNIT	167.6	\$45.00	\$7,542.00
0003	* 2010-E-4000	EXCAVATION, CLASS 10, WASTE	CY	166	\$45.00	\$7,470.00
0004	* 2010-G-1006	SUBGRADE PREPARATION, 6-IN	SY	996	\$5.00	\$4,980.00
0005	2010-J-1006	MODIFIED SUBBASE	CY	166	\$100.00	\$16,600.00
0006	* 2010-K-1000	REMOVALS, AS PER PLAN	LS	1	\$10,000.00	\$10,000.00
0007	* 3010-D-1000	TRENCH FOUNDATION	TON	5555	\$35.00	\$194,425.00
0008	4010-A-1008	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC TRUSS, 8-IN	LF	724	\$90.00	\$65,160.00
0009	4010-A-1010	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC TRUSS, 10-IN	LF	2118	\$130.00	\$275,340.00
0010	4010-A-1012	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC TRUSS, 12-IN	LF	2831	\$160.00	\$452,960.00
0011	4010-A-1018	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC TRUSS, 18-IN	LF	5003	\$210.00	\$1,050,630.00
0012	4010-B-2008	SANITARY SEWER GRAVITY MAIN W/ CASING PIPE, TRENCHLESS, PVC TRUSS, 8-IN	LF	110	\$500.00	\$55,000.00
0013	4010-B-2010	SANITARY SEWER GRAVITY MAIN W/ CASING PIPE, TRENCHLESS, PVC TRUSS, 10-IN	LF	116	\$550.00	\$63,800.00
0014	4010-B-2012	SANITARY SEWER GRAVITY MAIN W/ CASING PIPE, TRENCHLESS, PVC TRUSS, 12-IN	LF	107	\$600.00	\$64,200.00
0015	4010-B-2018	SANITARY SEWER GRAVITY MAIN W/ CASING PIPE, TRENCHLESS, PVC TRUSS, 18-IN	LF	134	\$1,200.00	\$160,800.00
0016	4010-E-1004	SANITARY SEWER SERVICE STUB, PVC, 4-IN	LF	97	\$75.00	\$7,275.00
0017	4010-E-2004	SANITARY SEWER SERVICE STUB, BORED, PVC, 4-IN	LF	112	\$100.00	\$11,200.00
0018	4010-E-1006	SANITARY SEWER SERVICE STUB, PVC, 6-IN	LF	555	\$85.00	\$47,175.00
0019	4010-E-2006	SANITARY SEWER SERVICE STUB, BORED, PVC, 6-IN	LF	789	\$125.00	\$98,625.00
0020	* 4010-E-1000	ABANDONMENT OF SANITARY SEWER, FILL AND PLUG	LF	150	\$30.00	\$4,500.00
0021	* 4020-D-1000	REMOVAL OF STORM SEWER	LF	652	\$30.00	\$19,560.00
0022	4030-A-1012	PIPE CULVERT, CMP, 12-IN	LF	50	\$125.00	\$6,250.00
0023	4030-A-1015	PIPE CULVERT, CMP, 15-IN	LF	103	\$150.00	\$15,450.00
0024	4030-A-1018	PIPE CULVERT, CMP, 18-IN	LF	93	\$175.00	\$16,275.00
0025	4030-A-1024	PIPE CULVERT, CMP, 24-IN	LF	206	\$200.00	\$41,200.00
0026	4030-A-1042	PIPE CULVERT, CMP, 42-IN	LF	26	\$500.00	\$13,000.00
0027	4030-A-1112	PIPE CULVERT, RCP, 12-IN CLASS III	LF	18	\$150.00	\$2,700.00
0028	4030-A-1115	PIPE CULVERT, RCP, 15 IN CLASS III	LF	39	\$175.00	\$6,825.00
0029	4030-A-1124	PIPE CULVERT, RCP, 24-IN CLASS III	LF	164	\$200.00	\$32,800.00
0030	4030-A-1136	PIPE CULVERT, RCP, 36-IN CLASS III	LF	20	\$300.00	\$6,000.00
0031	4030-A-1142	PIPE CULVERT, RCP, 42-IN CLASS III	LF	20	\$600.00	\$12,000.00
0032	SPECIAL	CONCRETE COLLAR, STORM SEWER	EA	7	\$1,500.00	\$10,500.00
0033	4030-B-1012	PIPE APRON, CMP, 12-IN	EA	2	\$2,000.00	\$4,000.00
0034	4030-B-1015	PIPE APRON, CMP, 15-IN	EA	2	\$2,250.00	\$4,500.00
0035	4030-B-1018	PIPE APRON, CMP, 18-IN	EA	4	\$2,500.00	\$10,000.00
0036	4030-B-1024	PIPE APRON, CMP, 24-IN	EA	10	\$2,750.00	\$27,500.00
0037	4030-B-1042	PIPE APRON, CMP, 42-IN	EA	2	\$4,000.00	\$8,000.00
0038	4030-B-1112	PIPE APRON, RCP, 12-IN	EA	1	\$2,500.00	\$2,500.00
0039	4030-B-1124	PIPE APRON, RCP, 24-IN	EA	4	\$3,500.00	\$14,000.00
0040	4030-B-1142	PIPE APRON, RCP, 42-IN	EA	1	\$5,000.00	\$5,000.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0041	4040-A-1006	SUBDRAIN, CORRUGATED PVC, 6-IN	LF	500	\$75.00	\$37,500.00
0042	4040-C-1000	SUBDRAIN, CLEANOUT, TYPE A-1	EA	2	\$3,000.00	\$6,000.00
0043	4040-D-1000	SUBDRAIN, OUTLET	EA	1	\$500.00	\$500.00
0044	SPECIAL	FIELD TILE REPAIR AND FITTINGS, PVC, UNSPECIFIED DIAMETER	LF	1000	\$20.00	\$20,000.00
0045 *	4060-B-1000	VIDEO INSPECTION OF SEWERS	LS	1	\$15,000.00	\$15,000.00
0046	5020-C-1000	FIRE HYDRANT ASSEMBLY	EA	1	\$7,500.00	\$7,500.00
0047	5020-J-1000	FIRE HYDRANT ASSEMBLY REMOVAL	EA	1	\$1,000.00	\$1,000.00
0048	6010-A-1301	MANHOLE, SANITARY SEWER, SW-301, 48-IN	EA	42	\$9,000.00	\$378,000.00
0049	6010-B-1505	INTAKE, DOUBLE GRATE, SW-505	EA	1	\$15,000.00	\$15,000.00
0050	6010-B-1506	INTAKE, DOUBLE GRATE, SW-506	EA	1	\$15,000.00	\$15,000.00
0051	6010-B-1513	INTAKE, OPEN-SIDED AREA INTAKE, SW-513, 4'X4'	EA	1	\$15,000.00	\$15,000.00
0052	6010-C-1000	DROP CONNECTION, EXTERNAL	EA	2	\$10,000.00	\$20,000.00
0053	6010-E-1000	MANHOLE ADJUSTMENT, PCC DIAMOND	EA	4	\$1,500.00	\$6,000.00
0054	6010-G-1000	CONNECTION TO EXISTING MANHOLE	EA	3	\$5,000.00	\$15,000.00
0055 *	6010-H-2000	REMOVAL OF INTAKE	EA	2	\$2,000.00	\$4,000.00
0056 *	SPECIAL	REMOVAL OF INTERNAL LADDER, MANHOLE	EA	5	\$1,500.00	\$7,500.00
0057 *	7010-L-1000	PAVEMENT REMOVAL	SY	913	\$10.00	\$9,130.00
0058	7020-B-1006	HMA ST SURFACE, 1/2" MIX, NO FRIC, PG 58-28S, 6 IN. THICKNESS	SY	898	\$55.00	\$49,390.00
0059 *	7030-A-2000	REMOVAL OF SIDEWALKS AND SHARED USE PATH	SY	157	\$10.00	\$1,570.00
0060 *	7030-A-3000	REMOVAL OF DRIVEWAYS, PAVED	SY	2147	\$10.00	\$21,470.00
0061 *	7030-A-3001	REMOVAL OF DRIVEWAYS, GRANULAR	SY	500	\$7.50	\$3,750.00
0062	7030-C-1006	SHARED USE PATH, PCC, 6-IN	SY	100	\$75.00	\$7,500.00
0063	7030-E-1004	SIDEWALK, PCC, 4-IN	SY	55	\$50.00	\$2,750.00
0064	7030-H-1006	DRIVEWAY, PCC, 6-IN	SY	82	\$70.00	\$5,740.00
0065	7030-H-1007	DRIVEWAY, PCC, 7-IN	SY	2130	\$75.00	\$159,750.00
0066 *	7030-H-2006	DRIVEWAY, GRANULAR, 6-IN	TON	121	\$40.00	\$4,840.00
0067	7040-A-1010	FULL DEPTH PATCH, PCC	SY	288	\$90.00	\$25,920.00
0068 *	SPECIAL	TEMPORARY GRANULAR SURFACING	TON	500	\$40.00	\$20,000.00
0069	SPECIAL	TRAFFIC DETECTION LOOP	EA	1	\$7,500.00	\$7,500.00
0070 *	8020-C-1000	PAINTED PAVEMENT MARKINGS, DURABLE	STA	8.51	\$150.00	\$1,276.50
0071 *	8020-G-1000	PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	1	\$500.00	\$500.00
0072 *	8020-K-1000	PAVEMENT MARKINGS REMOVED	STA	7.19	\$50.00	\$359.50
0073 *	8020-M-1000	GROOVES CUT FOR PAVEMENT MARKINGS	STA	8.51	\$100.00	\$851.00
0074	8020-N-1000	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	1	\$350.00	\$350.00
0075 *	8030-A-1000	TEMPORARY TRAFFIC CONTROL	LS	1	\$30,000.00	\$30,000.00
0076 *	8040-I-1000	REMOVE AND REINSTALL TRAFFIC SIGNS	EA	13	\$300.00	\$3,900.00
0077 *	SPECIAL	PORTABLE DYNAMIC MESSAGE SIGNS	CDAY	120	\$200.00	\$24,000.00
0078 *	SPECIAL	TEMPORARY BARRIER RAIL, CONCRETE	LS	1	\$50,000.00	\$50,000.00
0079 *	9010-B-1100	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 1 (PERM. LAWN MIX)	ACRE	19.7	\$2,000.00	\$39,400.00
0080 *	9010-B-1400	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING, TYPE 4 (TEMPORARY)	ACRE	19.7	\$2,000.00	\$39,400.00
0081 *	9040-A-1000	SWPPP PREPARATION AND MANAGEMENT	LS	1	\$25,000.00	\$25,000.00
0082 *	9040-D-1000	FILTER SOCKS, 9-IN	LF	12500	\$2.50	\$31,250.00
0083 *	9040-D-2000	FILTER SOCKS, REMOVAL	LF	12500	\$0.25	\$3,125.00
0084 *	9040-N-1000	SILT FENCE DITCH CHECK	EA	46	\$300.00	\$13,800.00
0085 *	9040-N-1001	SILT FENCE	LF	12500	\$2.00	\$25,000.00
0086 *	9040-N-2000	SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	EA	46	\$50.00	\$2,300.00

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NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0087	* 9040-N-2001	SILT FENCE, REMOVAL OF SEDIMENT	LF	12500	\$0.25	\$3,125.00
0088	* 9040-N-3000	SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	EA	46	\$10.00	\$460.00
0089	* 9040-N-3001	SILT FENCE, REMOVAL OF DEVICE	LF	12500	\$0.25	\$3,125.00
0090	* 9040-Q-2000	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	39.4	\$2,500.00	\$98,500.00
0091	* 9040-T-1000	INLET PROTECTION DEVICE, DROP-IN TYPE	EA	2	\$500.00	\$1,000.00
0092	* 9040-T-2000	INLET PROTECTION DEVICE, MAINTENANCE	EA	2	\$500.00	\$1,000.00
0093	* 9060-F-1000	TEMPORARY CONSTRUCTION FENCE	LF	10000	\$1.50	\$15,000.00
0094	* SPECIAL	TREE PROTECTION FENCE	LF	2000	\$2.50	\$5,000.00
0095	* 11010-A-1000	CONSTRUCTION SURVEY	LS	1	\$40,000.00	\$40,000.00
0096	* 11010-B-1000	MONUMENT PRESERVATION AND REPLACEMENT	LS	1	\$15,000.00	\$15,000.00
0097	* 11020-A-1000	MOBILIZATION	LS	1	\$250,876.00	\$250,876.00
0098	* 11030-A-1000	MAINTENANCE OF POSTAL SERVICE	LS	1	\$5,000.00	\$5,000.00
0099	* 11030-B-1000	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$5,000.00	\$5,000.00

Prepared By: Zach Erickson via Foth

Checked By: _____

TOTAL CONSTRUCTION COST \$4,500,000.00

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

* Estimate Total= \$1,097,335.00