

Date October 21, 2024

**ORDERING CONSTRUCTION OF
E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 5, 2024
AND PUBLIC HEARING ON DECEMBER 09, 2024
ENGINEER'S ESTIMATE IS \$3,150,000**

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:

E. Army Post Road and SE 36th Street Roundabout, Activity ID 042022016
IDOT Project No. CS-TSF-1945(870)--85-77

The improvement includes Portland Cement Concrete (PCC) pavement, PCC curb and gutter, pavement removals, earthwork, storm sewer, intakes, lighting, pavement markings, traffic control, erosion control, and surface restoration, all in accordance with the contract documents including Plan File No. 665-143/273, located at E. Army Post Road and SE 36th Street in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,150,000. 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 09, 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 5, 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 5, 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

6A

Date October 21, 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. 24-414)

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

SLN pub

Funding Source: 2024-25 CIP, Page 135, E Army Post Rd and 36th St Intersection Improvements, ST303, Being: \$500,000 (Max) in Iowa DOT Traffic Safety Improvement Funds under CS-TSF-1945(870)--85-77, \$2,640,000 in G.O. Bonds, and the remaining \$10,000 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
SIMONSON				
VOSS				
WESTERGAARD				
TOTAL				

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.

MOTION CARRIED APPROVED

Mayor

City Clerk

6A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2022-016
IDOT Project No. CS-TSF-1945(870)--85-77
Date: 9/30/2024

PROJECT: E. ARMY POST ROAD AND SE 36TH STREET ROUNDABOUT

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1 *	CLEARING & GRUBBING	UNIT	745.3	\$20.00	\$14,906.00
2 *	CLEARING & GRUBBING	ACRE	1	\$10,000.00	\$10,000.00
3 *	TOPSOIL, ON SITE	CY	7476	\$12.00	\$89,712.00
4 *	EXCAVATION, CLASS 10, ROADWAY & BORROW	CY	2980	\$15.00	\$44,700.00
5 *	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	11167	\$25.00	\$279,175.00
6 *	SUBGRADE PREPARATION, 12 IN.	SY	15192	\$5.00	\$75,960.00
7 *	MODIFIED SUBBASE, 6 IN.	CY	2701	\$70.00	\$189,070.00
8 *	REMOVAL OF EXISTING CULVERTS LESS THAN OR EQUAL TO 36 IN. DIA.	LF	134	\$25.00	\$3,350.00
9 *	REMOVAL OF EXISTING CULVERTS GREATER THAN 36 IN. DIA.	LF	181	\$30.00	\$5,430.00
10	STORM SEWER, TRENCHED, RCP, CLASS V, 15 IN.	LF	229	\$125.00	\$28,625.00
11	STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN.	LF	283	\$160.00	\$45,280.00
12	STORM SEWER, TRENCHED, RCP, CLASS V, 30 IN.	LF	308	\$200.00	\$61,600.00
13	PIPE APRON, RCP, 15 IN.	EA	1	\$2,500.00	\$2,500.00
14	PIPE APRON, RCP, 30 IN.	EA	5	\$4,000.00	\$20,000.00
15	SUBDRAIN, PVC, 6 IN.	LF	6030	\$35.00	\$211,050.00
16	SUBDRAIN CLEANOUT, TYPE A-1	EA	14	\$850.00	\$11,900.00
17	SUBDRAIN CONNECTION TO INTAKE OR STORM SEWER	EA	14	\$500.00	\$7,000.00
18	SUBDRAIN OUTLET TO DITCH	EA	8	\$600.00	\$4,800.00
19 *	CLEANING, INSPECTION, AND TESTING OF SEWERS	LS	1	\$5,000.00	\$5,000.00
20	FIRE HYDRANT ASSEMBLY	EA	1	\$10,000.00	\$10,000.00
21	MANHOLE, SW-401, 60 IN.	EA	2	\$7,000.00	\$14,000.00
22	MANHOLE, SW-401, 72 IN.	EA	1	\$10,000.00	\$10,000.00
23	INTAKE, SW-505	EA	1	\$8,000.00	\$8,000.00
24	INTAKE, SW-506	EA	1	\$9,000.00	\$9,000.00
25	INTAKE, SW-512, 24 IN.	EA	1	\$3,000.00	\$3,000.00
26	PAVEMENT, PCC, CLASS C, 9 IN.	SY	13419	\$80.00	\$1,073,520.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
27	CONCRETE MEDIAN, TIED	SY	1976	\$125.00	\$247,000.00
28	SIDEWALK, PCC, 6-IN.	SY	85	\$60.00	\$5,100.00
29	DETECTABLE WARNINGS	SF	160	\$60.00	\$9,600.00
30	DRIVEWAY, PAVED, PCC, 6 IN.	SY	54	\$65.00	\$3,510.00
31 *	GRANULAR SURFACING, 6 IN.	SY	165	\$35.00	\$5,775.00
32 *	PAVEMENT REMOVAL	SY	9142	\$15.00	\$137,130.00
33 *	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	STA	99.79	\$200.00	\$19,958.00
34 *	GROOVES CUT FOR PAVEMENT MARKINGS	STA	99.79	\$50.00	\$4,989.50
35 *	TRAFFIC CONTROL	LS	1	\$30,000.00	\$30,000.00
36	PORTABLE DYNAMIC MESSAGE SIGNS	CDAY	182	\$250.00	\$45,500.00
37	TRAFFIC SIGNS	SF	164.5	\$25.00	\$4,112.50
38	PERFORATED SQUARE STEEL TUBE POST	LF	321	\$65.00	\$20,865.00
39	PERFORATED SQUARE STEEL TUBE POST ANCHORS, SOIL INSTALLATION	EA	20	\$65.00	\$1,300.00
40	PERFORATED SQUARE STEEL TUBE POST ANCHORS, CONCRETE INSTALLATION	EA	12	\$350.00	\$4,200.00
41 *	REMOVE AND SALVAGE TRAFFIC SIGNS	EA	10	\$100.00	\$1,000.00
42 *	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 1	ACRE	7.6	\$4,500.00	\$34,200.00
43 *	HYDRAULIC SEEDING, FERT. & MULCH., TYPE 4	ACRE	7.6	\$1,000.00	\$7,600.00
44 *	PLANTS	EA	27	\$20.00	\$540.00
45 *	RIVER LANDSCAPE ROCK	CY	3.5	\$50.00	\$175.00
46 *	STORMWATER POLLUTION PREVENTION	LS	1	\$5,000.00	\$5,000.00
47 *	WATTLE, INSTALLATION, 12 IN.	LF	4093	\$1.50	\$6,139.50
48 *	WATTLE, REMOVAL	LF	4093	\$1.00	\$4,093.00
49 *	RIP RAP, CLASS E	TN	66	\$100.00	\$6,600.00
50 *	RIP RAP, MACADAM STONE	TN	77	\$60.00	\$4,620.00
51 *	SILT FENCE, INSTALLATION	LF	3245	\$3.00	\$9,735.00
52 *	SILT FENCE, MAINTENANCE	LF	3245	\$2.00	\$6,490.00
53 *	SILT FENCE, REMOVAL	LF	3245	\$1.00	\$3,245.00
54 *	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	15.2	\$750.00	\$11,400.00
55 *	TURF REINFORCEMENT MATS, TYPE 4	SF	830	\$2.50	\$2,075.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
56 *	INLET PROTECTION DEVICE, INSTALLATION	EA	5	\$150.00	\$750.00
57 *	INLET PROTECTION DEVICE, MAINTENANCE	EA	5	\$50.00	\$250.00
58 *	TREE PROTECTION FENCE	LF	250	\$4.00	\$1,000.00
59 *	CONSTRUCTION SURVEY	LS	1	\$30,000.00	\$30,000.00
60 *	MOBILIZATION	LS	1	\$234,469.50	\$234,469.50
61 *	MAINTENANCE OF POSTAL SERVICE	LS	1	\$2,000.00	\$2,000.00
62 *	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$2,000.00	\$2,000.00

Prepared By: Matt Radermacher

Checked By: _____

TOTAL CONSTRUCTION COST \$3,150,000.00

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

* Estimate Total= \$1,288,537.50