



Date December 4, 2023

**ORDERING CONSTRUCTION OF
INTELLIGENT TRANSPORTATION SYSTEMS UPGRADE - PHASE 4
AND FIXING A DATE FOR RECEIVING OF BIDS ON DECEMBER 19, 2023
AND PUBLIC HEARING ON JANUARY 8, 2024
ENGINEER'S ESTIMATE IS \$1,224,000**

WHEREAS, this Council deems it advisable and necessary to construct the below referenced improvement, all in accordance with the plans and specifications, and has caused to be prepared plans, specifications, and form of contract, together with estimate of cost, which are now on file in the City Engineer's Office, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309, for public inspection for the construction of said improvements, and said plans, specifications and form of contract are deemed suitable for the making of said improvement, for which the State of Iowa Department of Transportation (IDOT) and the City of Des Moines, (CITY) have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids, and

WHEREAS, before said plans, specifications, form of contract, and estimated cost of the improvement may be approved, and contract for the construction of the improvement entered into, it is necessary to hold a public hearing.

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:

Intelligent Transportation Systems Upgrade - Phase 4, Activity ID 042023017
STP-U-1945(872)—70-77

The improvements include upgrading the communications infrastructure, communications network, traffic signal cabinet/controller and Intelligent Transportation Systems (ITS) equipment of the traffic signal system, removal of sidewalk and driveways, Portland Cement Concrete (PCC) sidewalks, PCC driveways, and surface restoration, all in accordance with the contract documents, including Plan File No. 657-001/100 located along Beaver Avenue from Douglas Avenue to Aurora Avenue, Lower Beaver Road from Euclid Avenue to Madison Avenue, 42nd Street from Kingman Boulevard to University Avenue, 31st Street from Pleasant Street to University Avenue, Madison Avenue from 6th Avenue to 2nd Avenue, Easton Boulevard from Hubbell Avenue to E 33rd Street, 7th Street from Crocker Street to School Street, 6th Avenue from Crocker Street to University Avenue, 3rd Street from Center Street to School Street, Laurel Street from 7th Street to 6th Avenue, Day Street from 6th Avenue to 5th Avenue, School Street from 7th Street to 2nd Avenue, Crocker Street from 7th Street to 2nd Avenue, Center Street from 3rd Street to 2nd Avenue, East 14th Street from East Court Avenue to East Grand Avenue, East Court Avenue from East 14th Street to Johnson Court, East 15th Street from East Walnut Avenue to East Grand Avenue, East Grand Avenue from East 14th Street to Des Moines Street, Lyon Street from East 14th Street to East 15th Street, Maple Street from East 14th Street to East 15th Street, and Johnson Court from Maple Street to Walker Street, Des Moines, Iowa



Date December 4, 2023

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,224,000. 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 January 08, 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 Iowa Department of Transportation, for the construction of said improvements, and the taking of bids in the manner required by law. Proposals received will be opened and tabulated by the Iowa Department of Transportation on December 19, 2023, after which the bids together with a report and recommendation of the City Engineer, will be presented to City Council at its next meeting for action thereon.

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. 23-529)

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: 2023-24 CIP, Page 178, Traffic System Operation Improvements, TR097, \$500,000 (maximum) Surface Transportation Block Grant (STBG) program Federal-aid funds up to 80% of eligible construction costs under STP-U-1945(872)--70-77, and the remaining \$724,000 in G.O. Bonds



Roll Call Number

Agenda Item Number

7A

Date December 4, 2023

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
COLEMAN				
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

7A

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2023-017
IDOT PROJECT NO. STP-U-1945(872)-70-77
Date: 9/18/2023

PROJECT: INTELLIGENT TRANSPORTATION SYSTEMS UPGRADE - PHASE 4

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
DIVISION 1					
1	REMOVAL OF PAVEMENT	SY	200	\$26.00	\$5,200.00
2	REMOVAL OF SIDEWALK	SY	200	\$15.50	\$3,100.00
3	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	200	\$82.00	\$16,400.00
4	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	200	\$105.00	\$21,000.00
5	DETECTABLE WARNINGS, CAST IRON	SF	200	\$55.00	\$11,000.00
6	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	200	\$65.50	\$13,100.00
7	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY	200	\$93.00	\$18,600.00
8	REMOVAL OF PAVED DRIVEWAY	SY	200	\$15.50	\$3,100.00
9	TRAFFIC SIGNALIZATION	LS	1	\$940,000.00	\$940,000.00
10	TRAFFIC CONTROL	LS	1	\$22,500.00	\$22,500.00
11	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	200	\$184.00	\$36,800.00
12	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	20	\$275.00	\$5,500.00
13	REGULAR PARTIAL DEPTH HOT MIX ASPHALT FINISH PATCHES, BY AREA	SY	200	\$76.00	\$15,200.00
14	MOBILIZATION	LS	1	\$89,171.00	\$89,171.00
16	('EACH' ITEM) IRRIGATION SYSTEM ADJUSTMENT	EACH	10	\$215.00	\$2,150.00
17	('LUMP SUM' ITEM) EXCAVATION AND GRADING	LS	1	\$184.00	\$184.00
18	MULCHING, BONDED FIBER MATRIX	ACRE	0.2	\$15,875.00	\$3,175.00
19	SEEDING AND FERTILIZING (URBAN)	ACRE	0.2	\$25,700.00	\$5,140.00
20	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	0.2	\$20,700.00	\$4,140.00
21	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA	LF	500	\$3.50	\$1,750.00
22	REMOVAL OF PERIMETER AND SLOPE OR DITCH SEDIMENT CONTROL DEVICE	LF	500	\$1.50	\$750.00

DIVISION 1, TOTAL \$1,217,960.00

DIVISION 2

15	DELIVER AND STOCKPILE SALVAGED MATERIALS	LS	1	\$6,040.00	\$6,040.00
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DIVISION 2, TOTAL \$6,040.00

TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2) \$1,224,000.00

Prepared By: Brett Lewis

Checked By: _____