



6B

DATE November 1, 2021

ORDERING CONSTRUCTION OF
INTELLIGENT TRANSPORTATION SYSTEM PHASE 2
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 16, 2021
AND PUBLIC HEARING ON DECEMBER 20, 2021
ENGINEER'S ESTIMATE IS \$1,600,000.00

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 System Phase 2, 042021013
STBG-SWAP-1945(855)--SG-77

The improvements include upgrading the communications infrastructure, communications network, traffic signal cabinet/controller and ITS equipment of the traffic signal system, removal of sidewalk and driveways, Portland Cement Concrete (PCC) sidewalks, PCC driveways, surface restoration; all in accordance with the contract documents, located along Hubbell Avenue from Guthrie Avenue to E. Broadway Avenue, E. 33rd Street from Hubbell Avenue to E. Euclid Avenue, E. Euclid Avenue from E. 14th Street to E. 33rd Street, E. 14th Street from E. Grand Avenue to E. Euclid Avenue, E. Grand Avenue from Robert D. Ray Drive to E. 14th Street, Fleur Drive from Army Post Road to John R. Grubb Lane, Army Post Road from Fleur Drive to S.E. 14th Street, S.E. 14th Street from Army Post Road to E. Martin Luther King Jr. Parkway, Indianola Avenue from S.E. 14th Street to E. Army Post Road, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,600,000.00. 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.



Roll Call Number

Agenda Item Number

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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 20, 2021, 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 November 16, 2021, after which the bids together with a report and recommendation of the Chief Civil 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.

(City Council Communication Number 21-464 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 164, Traffic System Operation Improvements, TR097, Being: \$500,000 (maximum) Surface Transportation Block Grant Program Federal-aid Swap funds being 100% of eligible construction costs under STBG-SWAP-1945(855)--SG-77, and the remaining \$1,100,000 in G.O. Bonds

SLN
pw

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

lob

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 04-2021-013

DATE: 10/5/21

PROJECT: Intelligent Transportation System Phase 2

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001	2510-6745850	Removal of Pavement	SY	200	\$45.00	\$9,000.00
0002	2511-6745900	Removal of Sidewalk	SY	200	\$45.00	\$9,000.00
0003	2511-7526004	Sidewalk, P.C. Concrete, 4 in.	SY	200	\$90.00	\$18,000.00
0004	2511-7526006	Sidewalk, P.C. Concrete, 6 in.	SY	200	\$95.00	\$19,000.00
0005	2511-7528101	Detectable Warning, Cast Iron	SF	200	\$65.00	\$13,000.00
0006	2512-1725256	Curb and Gutter, P.C. Concrete, 2.5 ft.	LF	200	\$75.00	\$15,000.00
0007	2515-2475008	Driveway, P.C. Concrete, 8 in.	SY	200	\$100.00	\$20,000.00
0008	2515-6745600	Removal of Paved Driveway	SY	200	\$45.00	\$9,000.00
0009	2525-0000100	Traffic Signalization	LS	1	\$1,253,200.00	\$1,253,200.00
0010	2528-8445110	Traffic Control	LS	1	\$51,600.00	\$51,600.00
0011	2529-5070110	Patches, Full Depth Finish, By Area	SY	200	\$310.00	\$62,000.00
0012	2529-5070120	Patches, Full Dpeth Finish, By Count	EACH	20	\$150.00	\$3,000.00
0013	2530-5070221	Regular Partial Depth Hot Mix Aspahlit Finish Patches, By Area	SY	200	\$65.00	\$13,000.00
0014	2533-4980005	Mobilization	LS	1	\$73,700.00	\$73,700.00
0015	2555-0000010	Deliver and Stockpile Salvaged Materials	LS	1	\$1,500.00	\$1,500.00
0016	2599-9999005	('Each' Item) Irrigation System Adjustment	EACH	10	\$500.00	\$5,000.00
0017	2599-9999010	('Lump Sum' Item) Excavation and Grading	LS	1	\$10,000.00	\$10,000.00
0018	2601-2634105	Mulching, Bonded Fiber Matrix	ACRE	0.2	\$25,000.00	\$5,000.00
0019	2601-2636044	Seeding and Fertilizing (Urban)	ACRE	0.2	\$25,000.00	\$5,000.00
0020	2601-2642120	Stabilizing Crop - Seeding and Fertilizing (Urban)	ACRE	0.2	\$25,000.00	\$5,000.00
TOTAL CONSTRUCTION COST						\$1,600,000.00

Prepared By: J Bullock

Checked By: _____