

DATE January 13, 2020

ORDERING CONSTRUCTION OF
2020 HMA RESURFACING PROGRAM CONTRACT 1
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 28, 2020
AND PUBLIC HEARING ON FEBRUARY 24, 2020
ENGINEER'S ESTIMATE IS \$1,900,000.00

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:

2020 HMA Resurfacing Program Contract 1, 06-2019-015

The improvements include furnishing labor, equipment, and materials all in accordance with the contract plans and documents, including Plan File Nos. 614-030/058, at the following locations all within the City of Des Moines, Iowa:

Full depth removal of existing pavement, installation of modified subbase and Hot Mix Asphalt (HMA), and other incidental items; in accordance with the contract documents, at the following locations:

- Rittenhouse Street – S.W. 22nd Street to S.W. 28th Street
- North Valley Drive – 56th Street to Muskogee Avenue

Scarification of existing asphalt streets, furnish and place Hot Mix Asphalt (HMA), furnish and place pavement markings, and other incidental items; in accordance with the contract documents, at the following locations:

- Echo Valley Drive from S.W. 42nd Street to Norwalk City Limits
- S.E. 1st Street – Indianola Avenue to Scott Avenue
- Hull Avenue – E. 14th Street to Dixon Street
- Guthrie Avenue – I-235 to Hubbell Avenue

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,900,000.00. 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 February 24, 2020, at which time this Council will consider any objections offered thereto or to the making of said improvement.

★ **Roll Call Number**

Agenda Item Number

7B

DATE January 13, 2020

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 January 28, 2020, 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 January 28, 2020, 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.

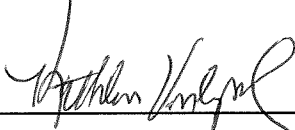
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 20.020 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Interim Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Street – 25, Roadway Rehabilitation – Collector, ST217, Being: \$167,771.58 from the City of Norwalk, and the remaining \$1,732,228.42 from ST217, Gaming Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
GRAY				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

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.

City Clerk

7B

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2019-015
IDOT Project No: None
Date: 12/17/19

PROJECT: 2020 HMA Resurfacing Program Contract 1

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Subgrade Preparation	SY	3454	\$10.00	\$34,540.00
2	* Subgrade Treatment, Cement	TON	50	\$350.00	\$17,500.00
3	Subgrade Treatment, Geogrid, Type 3	SY	3454	\$5.00	\$17,270.00
4	Subbase, Modified Subbase, 6"	SY	3454	\$25.00	\$86,350.00
5	Storm Sewer, Trenched, DIP, 12"	LF	50	\$350.00	\$17,500.00
6	Storm Sewer, Trenched, RCP, 15"	LF	10	\$250.00	\$2,500.00
7	Subdrain, 6"	LF	2220	\$30.00	\$66,600.00
8	Subdrain Outlets and Connections, CMP, 6"	EACH	8	\$500.00	\$4,000.00
9	New Stop Box Housing	EACH	1	\$1,500.00	\$1,500.00
10	New Stop Box Rod	EACH	1	\$1,250.00	\$1,250.00
11	Remove & Replace SW-501 Intake	EACH	2	\$6,500.00	\$13,000.00
12	Remove & Replace SW-507 Intake	EACH	2	\$8,000.00	\$16,000.00
13	Manhole Adjustment, PCC Diamond	EACH	17	\$2,500.00	\$42,500.00
14	Intake Adjustment	EACH	2	\$1,200.00	\$2,400.00
15	* Cleaning and Preparation of Base	MILE	2.11	\$5,000.00	\$10,550.00
16	HMA LT Base, 3/4" Mix, PG 58-28S	TON	1225	\$100.00	\$122,500.00
17	HMA LT Surface, 1/2" Mix, No Fric, PG 58-28S	TON	4100	\$105.00	\$430,500.00
18	HMA ST Surface, 1/2" Mix, No Fric, PG 58-28H	TON	2025	\$110.00	\$222,750.00
19	* Removal of Sidewalk, Shared Use Path, or Driveway	SY	40	\$25.00	\$1,000.00
20	Sidewalk, 4" PCC, Class 'B'	SY	750	\$80.00	\$60,000.00
21	Sidewalk, Through Driveways, 6" PCC	SY	10	\$90.00	\$900.00
22	Sidewalk, ADA Compliant Ramp, 6" PCC	SY	75	\$95.00	\$7,125.00
23	Detectable Warnings - Cast Iron	SF	76	\$65.00	\$4,940.00
24	Remove & Replace Curb and Gutter	LF	20	\$100.00	\$2,000.00
25	* Saw Curb - Horizontal	LF	20	\$35.00	\$700.00
26	Driveway, 6" PCC	SY	15	\$90.00	\$1,350.00
27	Patch, Full Depth PCC	SY	50	\$150.00	\$7,500.00
28	Patch, Full Depth HMA	SY	50	\$100.00	\$5,000.00
29	* Subbase Over-excavation	TON	100	\$50.00	\$5,000.00
30	HMA Partial Depth Patches	SF	950	\$75.00	\$71,250.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
31 *	Pavement Scarification	SY	33950	\$5.00	\$169,750.00
32 *	Pavement Removal	SY	5224	\$15.00	\$78,360.00
33	Loop Detector, Replacement, 6' by 8'	EACH	2	\$1,200.00	\$2,400.00
34	Loop Detector, Replacement, 6' by 20'	EACH	8	\$1,500.00	\$12,000.00
35	Major Handhole Adjustment, Type I Precast Concrete Handhole	EACH	1	\$1,200.00	\$1,200.00
36	Major Handhole Adjustment, Type II, III, or IV Polymer Concrete Handhole	EACH	1	\$1,500.00	\$1,500.00
37	Painted Pavement Marking, Waterborne or Solvent based	STA	11.02	\$50.00	\$551.00
38	Durable Pavement Markings, Epoxy	STA	7.25	\$300.00	\$2,175.00
39	Inlay Tape Marking, Profile Marking Tape	STA	229.1	\$400.00	\$91,620.00
40	Permanent Tape Markings	STA	14.28	\$450.00	\$6,426.00
41	Painted Symbols and Legend, Waterborne or Solvent based	EACH	1	\$150.00	\$150.00
42	Precut Symbols and Legends	EACH	15	\$500.00	\$7,500.00
43 *	Pavement Markings Removed	STA	3.5	\$50.00	\$175.00
44 *	Symbols and Legends Removed	EACH	4	\$150.00	\$600.00
45 *	Grooves Cut for Pavement Markings	STA	21.53	\$150.00	\$3,229.50
46 *	Grooves Cut for Symbols and Legends	EACH	4	\$200.00	\$800.00
47 *	Traffic Control	LS	1	\$25,000.00	\$25,000.00
48 *	Flagger, Uniformed Police Officer	DAY	20	\$550.00	\$11,000.00
49 *	Flagger, Certified	DAY	20	\$480.00	\$9,600.00
50 *	Traffic Control, Portable Dynamic Message Signs	DAY	30	\$100.00	\$3,000.00
51	Remove and Reinstall Sign	EACH	1	\$500.00	\$500.00
52 *	Hydraulic Seeding	SQ	50	\$75.00	\$3,750.00
53 *	Tree Protection Fence	LF	50	\$10.00	\$500.00
54 *	Mobilization	LS	1	\$190,238.50	\$190,238.50
55 *	Maintenance of Solid Waste Collection	LS	1	\$2,000.00	\$2,000.00

Prepared By: Matt Becker

Checked By: _____

TOTAL CONSTRUCTION COST \$1,900,000.00

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

* Estimate Total= \$566,593.00