

DATE February 5, 2018

ORDERING CONSTRUCTION OF
2018 HMA RESIDENTIAL PAVING PROGRAM
AND FIXING A DATE FOR RECEIVING OF BIDS ON FEBRUARY 20, 2018
AND PUBLIC HEARING ON MARCH 8, 2018
ENGINEER'S ESTIMATE IS \$1,300,000.00

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:

2018 HMA Residential Paving Program, 06-2018-008

The improvements include furnishing labor, equipment, and materials all in accordance with the contract plans and documents, including Plan File Nos. 591-023/047, at the following locations all within the City of Des Moines, Iowa:

Pavement removal, water main relocation, earthwork, segmental block retaining wall, Portland Cement Concrete (PCC) curb and gutter, and Hot Mix Asphalt (HMA) pavement, and site restoration near the intersection of S.W. 34th Street and Lincoln Place Drive.

Replacement of an existing timber retaining wall with modular blocks and cast-in-place concrete steps on North Union Street between E. Tiffin Avenue and E. Ovid Avenue.

Storm sewer improvements, pavement removal, subgrade treatment, HMA pavement, and site restoration on Leado Avenue between 30th Street and 34th Street.

Removal of existing HMA pavement with milling/scarifying to an average depth of 3 inches, replacing sections of PCC curb and gutter, preparing subgrade/subbase, replacing PCC sidewalk with ADA compliant sidewalk and ramps, and reconstructing 3-1/2 inches HMA pavement with two lifts at the following locations:

- Denver Avenue from 5th Street to 6th Street
- Ovid Avenue from 50th Street to 54th Street
- 53rd Street from Ovid Avenue to Douglas Avenue
- E 27th Street from Easton Boulevard to Guthrie Avenue
- Amick Avenue from 28th Street to 27th Street

Removal of existing HMA pavement with milling/scarifying to an average depth of 3 inches, preparing subgrade/subbase, and reconstructing 3-1/2 inches HMA pavement with two lifts at the following locations:

- E. Marion Street from Indianola Avenue to dead end east
- S.E. 19th Street from E. Army Post Road to dead end north
- S.E.16th Court from E. Army Post Road to dead end north

★ **Roll Call Number**

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be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,300,000.00. 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, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 8:00 a.m. on March 8, 2018, 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 February 20, 2018, 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 Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa, at 11:00 a.m. on February 20, 2018, 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 18-053 attached.)

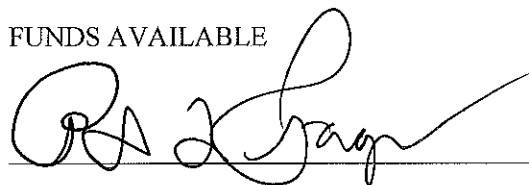
Moved by _____ to adopt.

FORM APPROVED:



Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Robert L. Fagen
Des Moines Finance Director

ACE Funding Source: 2017-18 CIP, Page Street – 30, Roadway Reconstruction, ST260, Being:
\$1,228,365 Road Use Tax Funds, \$36,365 of Storm Water Utility Funds, and the remaining \$35,270 from Des Moines Water Works



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COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

CERTIFICATE

I, DIANE RAUH, 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

GB

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2018-008
IDOT Project No: None
Date: 01/17/18

PROJECT: 2018 RESIDENTIAL PAVING PROGRAM

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* CLEARING AND GRUBBING	UNIT	10	\$150.00	\$1,500.00
2	* EXCAVATION, CLASS 10	CY	270	\$20.00	\$5,400.00
3	* SUBGRADE PREPARATION, 8" DEPTH	SY	18850	\$4.00	\$75,400.00
4	* SUBGRADE TREATMENT, CEMENT	TON	110	\$155.00	\$17,050.00
5	* SUBBASE, SPECIAL BACKFILL, RECLAIMED HMA MILLINGS, 4"	SY	985	\$6.00	\$5,910.00
6	STORM SEWER, TRENCHED, RCP, 36"	LF	19	\$350.00	\$6,650.00
7	STORM SEWER, TRENCHED, RCP, 48"	LF	2	\$750.00	\$1,500.00
8	PIPE APRON, RCP, 48"	EA	1	\$4,000.00	\$4,000.00
9	FOOTING FOR CONCRETE PIPE APRON, 48"	EA	1	\$1,500.00	\$1,500.00
10	PIPE APRON GUARD, MODIFIED TRASH RACK, 48"	EA	1	\$6,000.00	\$6,000.00
11	MANHOLE ADJUSTMENT, MINOR, WITH BOXOUT	EA	13	\$1,000.00	\$13,000.00
12	CONNECTION TO EXISTING INTAKE	EA	1	\$5,000.00	\$5,000.00
13	* REMOVAL OF EXISTING INTAKE	EA	1	\$1,000.00	\$1,000.00
14	PAVEMENT, PCC, 8"	SY	17	\$125.00	\$2,125.00
15	CURB AND GUTTER, 2.5', 6"	LF	365	\$60.00	\$21,900.00
16	HMA STANDARD TRAFFIC (ST) BASE, 3/4", PG 58-28S	TON	410	\$115.00	\$47,150.00
17	HMA STANDARD TRAFFIC (ST) INTERMEDIATE, 1/2", PG 58-28H	TON	330	\$115.00	\$37,950.00
18	HMA STANDARD TRAFFIC (ST) SURFACE, 1/2", PG 58-28H	TON	250	\$115.00	\$28,750.00
19	HMA LIGHT TRAFFIC (LT) INTERMEDIATE, 1/2", PG 58-28H	TON	2720	\$110.00	\$299,200.00
20	HMA LIGHT TRAFFIC (LT) SURFACE, 1/2", PG 58-28H	TON	2105	\$110.00	\$231,550.00
21	* REMOVAL OF SIDEWALK OR DRIVEWAY	SY	165	\$20.00	\$3,300.00
22	SIDEWALK, PCC, 4"	SY	40	\$75.00	\$3,000.00
23	SIDEWALK, PCC, 5"	SY	54	\$80.00	\$4,320.00
24	SIDEWALK, ADA COMPLIANT RAMP, 6" PCC, REMOVE AND REPLACE	SY	140	\$250.00	\$35,000.00
25	DETECTABLE WARNING, CAST IRON	SF	280	\$75.00	\$21,000.00
26	DRIVEWAY, PAVED, PCC, 6"	SY	45	\$80.00	\$3,600.00
27	* DRIVEWAY, GRANULAR	TON	45	\$30.00	\$1,350.00
28	* MILLING, 3" AVERAGE DEPTH	SY	25270	\$6.00	\$151,620.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
29 *	PAVEMENT REMOVAL	SY	2720	\$20.00	\$54,400.00
30 *	CURB AND GUTTER REMOVAL	LF	160	\$15.00	\$2,400.00
31 *	TEMPORARY TRAFFIC CONTROL	LS	1	\$20,000.00	\$20,000.00
32 *	SOD	SQ	53	\$200.00	\$10,600.00
33 *	RIP RAP, EROSION STONE	TON	20	\$50.00	\$1,000.00
34 *	TURF REINFORCEMENT MATS, TYPE 2	SQ	8	\$150.00	\$1,200.00
35	CHAIN LINK FENCE, BLACK PVC-COATED FABRIC, 48"	LF	190	\$20.00	\$3,800.00
36	MODULAR BLOCK RETAINING WALL	SF	300	\$35.00	\$10,500.00
37	SEGMENTAL BLOCK RETAINING WALL	SF	977.5	\$50.00	\$48,875.00
38	CONCRETE STEPS, TYPE B	SF	25	\$100.00	\$2,500.00
39 *	MOBILIZATION	LS	1	\$55,740.00	\$55,740.00
40 *	MAINTENANCE OF POSTAL SERVICE	LS	1	\$2,000.00	\$2,000.00
41 *	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$2,000.00	\$2,000.00
42 *	TEMPORARY GRANULAR SURFACING	TON	250	\$30.00	\$7,500.00
43 *	CONCRETE WASHOUT	LS	1	\$1,000.00	\$1,000.00
44 *	TREE PROTECTION FENCE	LF	350	\$10.00	\$3,500.00
45	REMOVE LANDSCAPING STONE/STEPS & REBUILD BOULDER WALL	LS	1	\$2,000.00	\$2,000.00
46	8" C900 PVC PIPE, STAB	LF	177	\$80.00	\$14,160.00
47	8" BEND	EA	7	\$1,000.00	\$7,000.00
48	8" SOLID SLEEVE	EA	2	\$500.00	\$1,000.00
49	8" CAP / PLUG	EA	1	\$2,000.00	\$2,000.00
50	8" X 8" TEE	EA	1	\$1,600.00	\$1,600.00
51	8" VALVE	EA	1	\$2,500.00	\$2,500.00
52	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	EA	1	\$4,000.00	\$4,000.00
53	NEW 2" WATER SERVICE TRANSFER, OPPOSITE SIDE	EA	1	\$3,000.00	\$3,000.00

Prepared By: Christopher Kuhl

Checked By: _____

TOTAL CONSTRUCTION COST \$1,300,000.00

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

* Estimate Total= \$423,870.00