

DATE April 9, 2018

ORDERING CONSTRUCTION OF
2018-2019 HMA PAVEMENT SCARIFICATION AND RESURFACING
AND FIXING A DATE FOR RECEIVING OF BIDS ON APRIL 24, 2018
AND PUBLIC HEARING ON MAY 7, 2018
ENGINEER'S ESTIMATE IS \$1,750,000.00

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:

2018-2019 HMA Pavement Scarification and Resurfacing, 06-2018-005

The improvement includes scarification only of 2-inch average depth of asphalt street surfaces with specified milling machine and equipment in a cooperative effort with the City of Des Moines Public Works Department, all in accordance with the contract documents at the following locations within the City of Des Moines:

S.E. 5th Street from E. Philip Street to E. McKinley Avenue
E. 9th Street from E. University Avenue to Garfield Avenue
S.W. 14th Street from West Street to Burnham Avenue
16th Street from Locust Street to 15th Street
22nd Street from Washington Avenue to Lincoln Avenue
32nd Street from University Avenue to Forest Avenue
E. 36th Court from Arthur Avenue to Hull Avenue
E. 37th Street from Easton Boulevard to E. Sheridan Avenue
39th Street from Hickman Road to 40th Street
43rd Street from University Avenue to Forest Avenue
45th Place from Chamberlin Avenue to Waveland Court
47th Street from Amick Avenue to Euclid Avenue
58th Street from Kingman Boulevard to University Avenue
Beaver Avenue from 41st Street to 300 feet south
Beaver Avenue from Forest Avenue to Clark Street
Boulevard Place from 45th Place to Polk Boulevard
Boyd Street from North Union Street to E. 9th Street
Cherry Street from 5th Street to 12th Street
Country Club Boulevard from Waterbury Road to Ingersoll Avenue
Country Club Boulevard from Ingersoll Avenue to Grand Avenue
Creston Avenue from S.W. 9th Street east to dead end
Grandview Avenue from E. 25th Street to E. 27th Street
Guthrie Avenue from E. 13th Street to York Street
Guthrie Avenue from E. 31st Street to E. 32nd Street
High Street from 8th Street to 10th Street
Ovid Avenue from 1st Street to 2nd Avenue
Rose Avenue from S.W. 2nd Street to S.W. 3rd Street
School Street from 9th Street to 12th Street
Shriver Avenue from Country Club Boulevard to 56th Street
Wallace Lane from Ashby Avenue to Ashby Avenue
Waveland Court from 45th Place to Polk Boulevard

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Westover Boulevard from Hickman Road to Holcomb Avenue
Westover Boulevard from Robin Drive to Urbandale Avenue
Windsor Drive from 58th Street to 59th Street
Woodland Avenue from 10th Street to 12th Street
York Street from Guthrie Avenue to Arthur Avenue
York Street from Thompson Avenue to Guthrie Avenue

The improvement includes furnishing all labor, materials and equipment necessary to construct a Hot Mix Asphalt (HMA) surfacing overlay of a single 2-inch lift on existing street surface, together with other incidental and related work; all in accordance with the contract documents at the following locations within the City of Des Moines:

16th Street from Locust Street to 15th Street
Cherry Street from 5th Street to 12th Street
High Street from 8th Street to 10th Street
Woodland Avenue from 10th Street to 12th Street

The improvement includes construction of sidewalk ramps with Portland Cement Concrete (PCC) sidewalk four (4) inches, six (6) inches or eight (8) inches thick, together with all necessary appurtenances; in accordance with the contract documents, at the following intersections located within the City of Des Moines:

1st Street & Ovid Avenue
16th Street & Walnut Street
39th Street & 40th Street
43rd Street & Forest Avenue
45th Place & Chamberlin Avenue
45th Place & Waveland Court
45th Place & Boulevard Place
47th Street & Amick Avenue
47th Street & Euclid Avenue
Westover Boulevard & Robin Drive

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,750,000.00. 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 May 7, 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 April 24, 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 City Offices, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on April 24, 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.

★ **Roll Call Number**

Agenda Item Number

7B

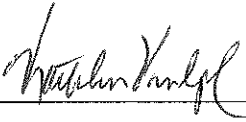
DATE April 9, 2018

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 18-169 attached.)

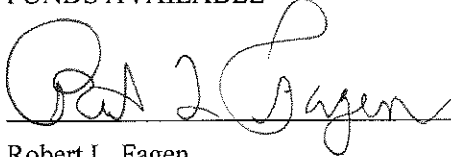
Moved by _____ to adopt.

FORM APPROVED:



 Kathleen Vanderpool
 Deputy City Attorney

FUNDS AVAILABLE



 Robert L. Fagen
 Des Moines Finance Director

RF Funding Source: 2018 - 2019 CIP, Page Street - 6, Asphaltic Paving Restoration Program, ST003, Being: \$722,407.90 in G.O. Bonds to be issued and \$354,547.20 in TIF backed G.O. Bonds to be issued from ST003; \$308,979.20 in G.O. Bonds from ST205; and \$364,065.70 in Gaming Monies from ST217.

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

MOTION CARRIED APPROVED

 Mayor

I, Diane Rauh, 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: 06-2018-005
Date: 3/21/2018

PROJECT: 2018-2019 HMA Pavement Scarification and Resurfacing

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1	* Calendar year 2018: Pavement milling; two (2) inch average thickness (this item includes milling, loading, and hauling)	SY	59,000.00	\$3.65	\$215,350.00
2	* Calendar year 2019: Pavement milling; two (2) inch average thickness (this item includes milling, loading, and hauling)	SY	39,200.00	\$3.70	\$145,040.00
3	Calendar year 2018: Two (2) inch (in place) hot mix asphalt overlay (includes placement and compaction of HMA, and furnishing and placement of tack)	SY	9,235.00	\$4.00	\$36,940.00
4	Calendar year 2019: Two (2) inch (in place) hot mix asphalt overlay (includes placement and compaction of HMA, and furnishing and placement of tack)	SY	6,215.00	\$6.00	\$37,290.00
5	Calendar year 2018: HMA LT Surface, 1/2" Mix, No Fric, PG 58-28S	TON	4,925.00	\$94.00	\$462,950.00
6	Calendar year 2019: HMA LT Surface, 1/2" Mix, No Fric, PG 58-28S	TON	3,330.00	\$96.00	\$319,680.00
7	Calendar year 2018: HMA ST Surface, 1/2" Mix, No Fric, PG 58-28H	TON	1,975.00	\$96.00	\$189,600.00
8	Calendar year 2019: HMA ST Surface, 1/2" Mix, No Fric, PG 58-28H	TON	1,405.00	\$98.00	\$137,690.00
9	* Milling Transverse PCC Joints (3" Max Depth)	LF	900.00	\$5.00	\$4,500.00
10	* Milling Longitudinal PCC Joints (3" Max Depth)	LF	600.00	\$5.00	\$3,000.00
11	* Temporary Painted Pavement Marking, Waterborne or Solvent Based	STA	175.00	\$70.00	\$12,250.00
12	Painted Pavement Marking, Waterborne Based	STA	56.00	\$70.00	\$3,920.00
13	Painted Symbols and Legend, Waterborne or Solvent Based	EACH	4.00	\$100.00	\$400.00
14	Durable Pavement Markings, Epoxy	STA	220.00	\$400.00	\$88,000.00
15	Durable Pavement Symbols & Legend, Epoxy	EACH	5.00	\$200.00	\$1,000.00
16	Inlay Pavement Markings, Profiled Marking Tape	STA	16.00	\$700.00	\$11,200.00
17	Inlay Pavement Markings, Symbols & Legends, Tape	EACH	2.00	\$500.00	\$1,000.00
18	* Grooves Cut for Pavement Markings	STA	226.00	\$75.00	\$16,950.00
19	* Grooves Cut for Symbols and Legends	EACH	2.00	\$150.00	\$300.00
20	Sidewalk, 5" PCC Class 'A', Remove and Replace	SY	10.00	\$85.00	\$850.00
21	Sidewalk, 4" PCC Class 'B', Remove and Replace	SY	55.00	\$80.00	\$4,400.00

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CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID: 06-2018-005
Date: 3/21/2018

PROJECT: 2018-2019 HMA Pavement Scarification and Resurfacing

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
22	Sidewalk, Through Alley, 7" PCC, Remove and Replace	SY	12.00	\$100.00	\$1,200.00
23	Sidewalk, Through Driveway, 6" PCC, Remove and Replace	SY	12.00	\$100.00	\$1,200.00
24	Sidewalk, ADA Compliant Ramp, 6" PCC, Remove and Replace	SY	135.00	\$100.00	\$13,500.00
25	Detectable Warning Panels - Cast Iron	SF	180.00	\$35.00	\$6,300.00
26 *	Driveway, Removal	SY	22.00	\$15.00	\$330.00
27	Driveway, 6" PCC	SY	10.00	\$100.00	\$1,000.00
28	Alley Approach, 7" PCC, Remove and Replace	SY	20.00	\$105.00	\$2,100.00
29	Remove and Replace Curb & Gutter	LF	50.00	\$45.00	\$2,250.00
30 *	Saw Concrete - Horizontal	LF	20.00	\$8.00	\$160.00
31 *	Tree Protection Fence	LF	100.00	\$2.00	\$200.00
32 *	Tree Root Grinding	EA	5.00	\$100.00	\$500.00
33 *	Sod, Nursery in Place	SQ	5.00	\$75.00	\$375.00
34 *	Hydraulic Seeding	SQ	5.00	\$45.00	\$225.00
35	Modular Wall	SF	50.00	\$35.00	\$1,750.00
36	New Stop Box Housing	EA	2.00	\$250.00	\$500.00
37	New Stop Box Rod	EA	2.00	\$250.00	\$500.00
38	Loop Detector, Replacement, 6'x8'	EA	3.00	\$1,000.00	\$3,000.00
39	Loop Detector, Replacement, 6'x20'	EA	13.00	\$1,400.00	\$18,200.00
40	Major Handhole Adjustment, Type I Precast Concrete Handhole	EA	2.00	\$1,000.00	\$2,000.00
41	Major Handhole Adjustment, Type II or III Polymer Concrete Handhole	EA	2.00	\$1,200.00	\$2,400.00

Prepared By: Matt Fenstermann

Checked By: _____

TOTAL CONSTRUCTION COST \$1,750,000.00

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

* Estimate Total= \$399,180.00