CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 21, 2022

ITEM:

Public Hearing (5:35 p.m.)
2022 HMA Resurfacing Program

FINANCIAL IMPACT:

The revised (per Addendum No. 1 of the Contract Documents) Engineering Estimate of Construction Cost was estimated to be $3,058,691.45 (original amount $3,631,170.70) for the 2022 HMA Resurfacing Program. There were five (5) bids submitted with the low bid of $3,109,677.10 being submitted by OMG Midwest, Inc. dba Des Moines Asphalt & Paving of Ankeny, Iowa. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Road Use Tax and General Obligation Bonds. Funds for the project are available in the FY 22/23 budget, but due to timing of the construction season, this project will begin on an accelerated schedule.

BACKGROUND:

The 2022 HMA Resurfacing Program includes Portland Cement Concrete (PCC) street repairs and hot mixed asphalt (HMA) overlays at various locations throughout the City of West Des Moines. The project is anticipated to be completed by November 18, 2022.

The low bid of $3,109,677.10 was in excess of the Engineer's Estimate by $50,985.65 (1.7%). Receipt of five (5) bids indicates that there was interest in the project. Feedback from several bidders indicates that the cost and availability of materials and labor caused a slight escalation in bid prices. City Staff recommends awarding the construction contract to OMG Midwest, Inc. dba Des Moines Asphalt & Paving even though their bid was slightly in excess of the Engineer's Estimate. Re-bidding the project may only result in higher bid prices and deferral of the construction is not recommended.

This agenda item was distributed to the Public Services Subcommittee by e-mail only since there was no meeting.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for the 2022 HMA Resurfacing Program;
- Motion receiving and filing Report of Bids;
- Resolution waiving bid irregularities and awarding the construction contract to OMG Midwest, Inc. dba Des Moines Asphalt & Paving.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	March 11, 2022

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed			
Recommendation	Yes	No	Split

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on February 21, 2022, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

2022 HMA Resurfacing Program
Project No. 0510-003-2022

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements were published as required by law;

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **21st** day of **March, 2022.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

2022 HMA Resurfacing Program
Project No. 0510-003-2022

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council; and

WHEREAS, mathematical irregularities were noted on one of the bids that was received; and

WHEREAS, the irregularities noted were not material; and

WHEREAS, the bid of OMG Midwest, Inc. dba Des Moines Asphalt & Paving in the amount of $3,109,677.10 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, waives the irregularities in the bids that were received.

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the 2022 HMA Resurfacing Program is hereby awarded to OMG Midwest, Inc. dba Des Moines Asphalt & Paving in the amount of $3,109,677.10 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **21st** day of **March, 2022.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

Bid Tabulation

2022 HMA Resurfacing Program

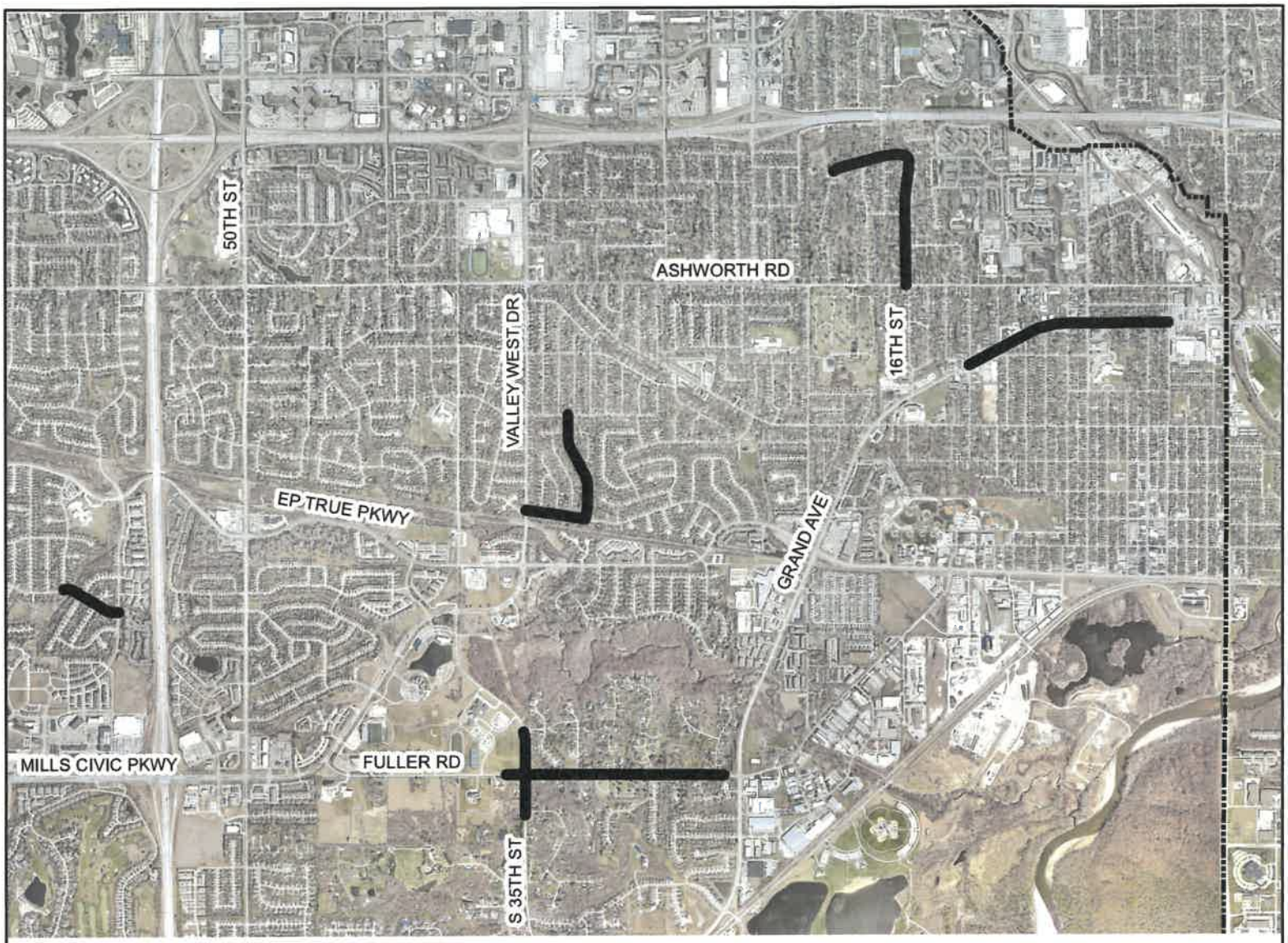
WEST DES MOINES, IOWA

Project Number: 21-25676
WDM Project Number: 0610-003-2022
Bid Letting Time + Date: 2:00p.m., March 16th, 2022
Bid Letting Location: City of West Des Moines City Hall, 4200 Mills Civic Parkway West Des Moines, IA 50265

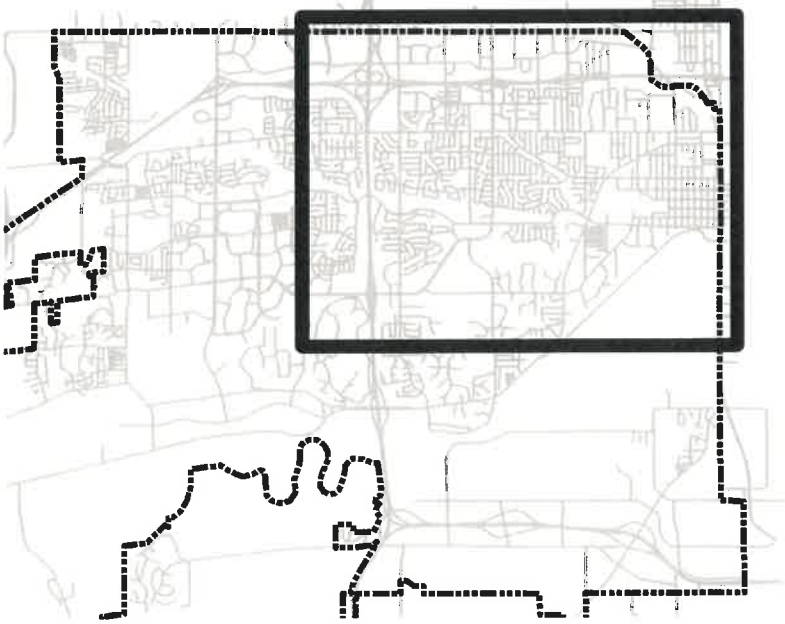
				OWG MIDWEST, INC. dba DES MOINES ASPHALT & PAVING ANKENY, IA		INROADS, LLC DES MOINES, IA		GRIMES ASPHALT AND PAVING CORP DES MOINES, IA		HAWKEYE PAVING CORP DAVENPORT, IA		IOWA CIVIL CONTRACTING VICTOR, IA		ENGINEERS ESTIMATE	
Item No.	Construction Item	Unit	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	TOPSOIL, OFF-SITE, 6"	CY	8	$ 227.25	$ 1,818.00	$ 120.02	$ 960.16	$ 126.00	$ 1,008.00	$ 200.00	$ 1,600.00	$ 120.02	$ 960.16	$ 40.00	$ 320.00
2	EXCAVATION, CLASS 10	CY	100	$ 36.35	$ 3,635.00	$ 37.00	$ 3,700.00	$ 39.00	$ 3,900.00	$ 30.00	$ 3,000.00	$ 37.00	$ 3,700.00	$ 20.00	$ 2,000.00
3	SUBGRADE PREPARATION, 6 IN.	SY	245	$ 30.30	$ 7,423.50	$ 20.00	$ 4,900.00	$ 21.00	$ 5,145.00	$ 10.00	$ 2,450.00	$ 20.00	$ 4,900.00	$ 5.00	$ 1,225.00
4	[illegible], MODIFIED, 6 IN.	SY	245	$ 30.30	$ 7,423.50	$ 49.34	$ 12,088.30	$ 52.00	$ 12,740.00	$ 20.00	$ 4,900.00	$ 49.34	$ 12,088.30	$ 12.50	$ 3,062.50
5	VALVE BOX EXTENSION	EA	8	$ 2,323.00	$ 18,584.00	$ 2,500.00	$ 20,000.00	$ 2,700.00	$ 21,600.00	$ 700.00	$ 5,600.00	$ 2,500.00	$ 20,000.00	$ 600.00	$ 4,800.00
6	VALVE BOX REPLACEMENT, RETRO TO SLIDE TYPE REPLACEMENT	EA	1	$ 4,393.50	$ 4,393.50	$ 3,000.00	$ 3,000.00	$ 3,200.00	$ 3,200.00	$ 1,500.00	$ 1,500.00	$ 3,000.00	$ 3,000.00	$ 1,750.00	$ 1,750.00
7	MANHOLE, SW-301, 48 IN. DIA.	EA	1	$ 15,180.00	$ 15,180.00	$ 16,000.00	$ 16,000.00	$ 16,850.00	$ 16,850.00	$ 12,000.00	$ 12,000.00	$ 16,000.00	$ 16,000.00	$ 12,500.00	$ 12,500.00
8	MANHOLE ADJUSTMENT, MINOR	EA	32	$ 3,535.00	$ 113,120.00	$ 5,000.00	$ 160,000.00	$ 5,300.00	$ 169,600.00	$ 3,500.00	$ 112,000.00	$ 5,000.00	$ 160,000.00	$ 2,500.00	$ 80,000.00
9	MANHOLE ADJUSTMENT, MINOR, TOP ONLY	EA	1	$ 2,979.50	$ 2,979.50	$ 5,000.00	$ 5,000.00	$ 5,300.00	$ 5,300.00	$ 4,700.00	$ 4,700.00	$ 5,000.00	$ 5,000.00	$ 3,000.00	$ 3,000.00
10	INTAKE ADJUSTMENT, MINOR	EA	42	$ 4,898.50	$ 205,737.00	$ 5,000.00	$ 210,000.00	$ 5,200.00	$ 218,400.00	$ 4,000.00	$ 168,000.00	$ 5,000.00	$ 210,000.00	$ 2,500.00	$ 105,000.00
11	INTAKE ADJUSTMENT, MINOR, TOP ONLY	EA	2	$ 5,555.00	$ 11,110.00	$ 5,000.00	$ 10,000.00	$ 5,250.00	$ 10,500.00	$ 7,000.00	$ 14,000.00	$ 5,000.00	$ 10,000.00	$ 1,500.00	$ 3,000.00
12	INTAKE ADJUSTMENT, MAJOR, SW-501, PULL	EA	8	$ 3,434.00	$ 27,472.00	$ 5,000.00	$ 40,000.00	$ 5,275.00	$ 42,200.00	$ 7,000.00	$ 56,000.00	$ 5,000.00	$ 40,000.00	$ 4,250.00	$ 34,000.00
13	INTAKE ADJUSTMENT, MAJOR, SW-505, PULL	EA	1	$ 6,413.50	$ 6,413.50	$ 5,000.00	$ 5,000.00	$ 5,150.00	$ 5,150.00	$ 12,000.00	$ 12,000.00	$ 5,000.00	$ 5,000.00	$ 10,000.00	$ 10,000.00
14	INTAKE ADJUSTMENT, MAJOR, SW-509, PULL	EA	2	$ 7,367.95	$ 14,735.90	$ 5,000.00	$ 5,000.00	$ 5,300.00	$ 10,600.00	$ 10,000.00	$ 20,000.00	$ 5,000.00	$ 10,000.00	$ 8,000.00	$ 16,000.00
							$ 10,000.00								
15	INTAKE ADJUSTMENT, MAJOR, SW-501, PARTIAL	EA	1	$ 2,373.50	$ 2,373.50	$ 5,000.00	$ 5,000.00	$ 5,250.00	$ 5,250.00	$ 6,000.00	$ 6,000.00	$ 5,000.00	$ 5,000.00	$ 2,750.00	$ 2,750.00
16	INTAKE ADJUSTMENT, MAJOR, SW-503, PARTIAL	EA	1	$ 4,218.75	$ 4,218.75	$ 5,000.00	$ 5,000.00	$ 5,250.00	$ 5,250.00	$ 5,300.00	$ 5,300.00	$ 5,000.00	$ 5,000.00	$ 3,250.00	$ 3,250.00
17	INTAKE ADJUSTMENT, MAJOR, SW-505, PARTIAL	EA	1	$ 4,898.50	$ 4,898.50	$ 5,000.00	$ 5,000.00	$ 5,245.00	$ 5,245.00	$ 5,300.00	$ 5,300.00	$ 5,000.00	$ 5,000.00	$ 4,000.00	$ 4,000.00
18	INTAKE, SW-510	EA	3	$ 13,609.75	$ 40,829.25	$ 12,000.00	$ 36,000.00	$ 12,650.00	$ 37,950.00	$ 10,000.00	$ 30,000.00	$ 12,000.00	$ 36,000.00	$ 8,000.00	$ 24,000.00
19	REMOVE MANHOLE	EA	1	$ 3,030.00	$ 3,030.00	$ 3,000.00	$ 3,000.00	$ 3,200.00	$ 3,200.00	$ 2,000.00	$ 2,000.00	$ 3,000.00	$ 3,000.00	$ 2,500.00	$ 2,500.00
20	PAVEMENT, PCC, 8 IN., REINFORCED	SY	220	$ 116.15	$ 25,553.00	$ 125.00	$ 27,500.00	$ 132.00	$ 29,040.00	$ 130.00	$ 28,600.00	$ 125.00	$ 27,500.00	$ 75.00	$ 16,500.00
21	CURB AND GUTTER REPLACEMENT, 8"	LF	1535	$ 80.80	$ 124,028.00	$ 78.75	$ 120,881.25	$ 79.00	$ 121,265.00	$ 75.00	$ 115,125.00	$ 75.00	$ 115,125.00	$ 70.00	$ 107,450.00
22	PAVEMENT, HMA, HIGH TRAFFIC, LEVELING COURSE, 1/2 IN. MIX, 75%	TON	100	$ 111.00	$ 11,100.00	$ 125.00	$ 12,500.00	$ 123.00	$ 12,300.00	$ 123.00	$ 12,300.00	$ 132.84	$ 13,284.00	$ 110.00	$ 11,000.00
23	PAVEMENT, HMA, HIGH TRAFFIC, INTERLAYER	TON	1362	$ 127.00	$ 172,974.00	$ 138.80	$ 189,045.60	$ 135.00	$ 183,870.00	$ 135.00	$ 183,870.00	$ 145.80	$ 198,579.60	$ 110.00	$ 149,820.00
24	PAVEMENT, HMA, HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, 75%	TON	8355	$ 94.50	$ 789,547.50	$ 95.34	$ 796,565.70	$ 92.00	$ 768,660.00	$ 92.00	$ 768,660.00	$ 99.36	$ 830,152.80	$ 105.00	$ 877,275.00
25	SIDEWALK REPLACEMENT, PCC, 4"	SY	679	$ 85.86	$ 58,292.15	$ 100.00	$ 67,900.00	$ 105.00	$ 71,295.00	$ 110.00	$ 74,690.00	$ 100.00	$ 67,900.00	$ 90.00	$ 61,110.00
26	SIDEWALK REPLACEMENT, PCC, 6"	SY	524	$ 116.15	$ 60,862.60	$ 125.00	$ 65,500.00	$ 132.00	$ 69,168.00	$ 135.00	$ 70,740.00	$ 125.00	$ 65,500.00	$ 110.00	$ 57,640.00
27	SHARED USE PATH REPLACEMENT, PCC, 6", REINFORCED	SY	149	$ 116.15	$ 17,306.35	$ 140.00	$ 20,860.00	$ 147.00	$ 21,903.00	$ 100.00	$ 14,900.00	$ 140.00	$ 20,860.00	$ 120.00	$ 17,880.00
28	DRIVEWAY REPLACEMENT, PCC, 6"	SY	22	$ 116.15	$ 2,555.30	$ 120.00	$ 2,640.00	$ 126.00	$ 2,772.00	$ 110.00	$ 2,420.00	$ 120.00	$ 2,640.00	$ 110.00	$ 2,420.00
29	DETECTABLE WARNINGS	SF	614	$ 50.50	$ 41,107.00	$ 69.55	$ 58,813.70	$ 69.00	$ 56,166.00	$ 55.00	$ 44,770.00	$ 85.00	$ 52,910.00	$ 55.00	$ 44,770.00
30	FULL DEPTH PATCH, M-4 MIX, 7" MINIMUM	SY	3766	$ 80.80	$ 304,292.80	$ 126.58	$ 476,700.28	$ 131.00	$ 493,346.00	$ 140.00	$ 527,240.00	$ 124.10	$ 467,360.60	$ 110.00	$ 414,260.00
31	FULL DEPTH PATCH, M-4 MIX, 9" MINIMUM	SY	3473	$ 97.97	$ 340,249.81	$ 164.73	$ 572,107.29	$ 170.00	$ 590,410.00	$ 195.00	$ 677,235.00	$ 161.50	$ 560,889.50	$ 125.00	$ 434,125.00
32	FULL DEPTH PATCH, S-HOUR MIX, 7" MINIMUM	SY	40	$ 106.05	$ 4,242.00	$ 206.00	$ 8,240.00	$ 211.00	$ 8,440.00	$ 165.00	$ 6,600.00	$ 200.00	$ 8,000.00	$ 125.00	$ 5,000.00
33	FULL DEPTH PATCH, S-HOUR MIX, 9" MINIMUM	SY	73	$ 141.40	$ 10,322.20	$ 218.30	$ 15,789.90	$ 221.00	$ 16,133.00	$ 185.00	$ 13,505.00	$ 210.00	$ 15,330.00	$ 145.00	$ 10,585.00
34	PARTIAL DEPTH PATCHES, HMA	SF	147	$ 125.00	$ 18,375.00	$ 30.00	$ 4,410.00	$ 36.00	$ 5,292.00	$ 60.00	$ 8,820.00	$ 38.88	$ 5,715.36	$ 8.00	$ 1,176.00
35	CRACK AND JOINT, CLEANING AND FILLING, HOT POUR	LF	37410	$ 1.25	$ 46,762.50	$ 1.50	$ 56,115.00	$ 2.75	$ 102,877.50	$ 3.50	$ 130,935.00	$ 2.60	$ 97,266.00	$ 1.50	$ 56,115.00
36	SURFACE MILLING	SY	43362	$ 3.75	$ 162,607.50	$ 3.33	$ 144,395.46	$ 4.00	$ 173,448.00	$ 4.00	$ 173,448.00	$ 4.32	$ 187,323.84	$ 3.25	$ 140,926.50
37	PAVEMENT REMOVAL	SY	267	$ 25.25	$ 6,741.75	$ 28.52	$ 7,614.84	$ 30.00	$ 8,010.00	$ 25.00	$ 6,675.00	$ 28.52	$ 7,614.84	$ 10.00	$ 2,670.00
38	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	481.47	$ 40.40	$ 19,451.39	$ 40.00	$ 19,258.80	$ 68.00	$ 32,739.96	$ 65.00	$ 31,295.55	$ 44.00	$ 21,184.68	$ 35.00	$ 16,851.45
39	PAINTED PAVEMENT MARKINGS, DURABLE	STA	182.60	$ 128.25	$ 23,053.25	$ 125.00	$ 22,825.00	$ 142.00	$ 25,929.20	$ 135.00	$ 24,661.00	$ 137.50	$ 25,107.50	$ 100.00	$ 18,260.00
40	PERMANENT SYMBOLS AND LEGENDS, PREFORMED THERMOPLASTIC MA	EA	106	$ 429.25	$ 45,500.50	$ 425.00	$ 45,050.00	$ 384.00	$ 40,704.00	$ 350.00	$ 37,100.00	$ 467.50	$ 49,555.00	$ 375.00	$ 39,750.00
41	GROOVES CUT FOR PAVEMENT MARKINGS	STA	182.60	$ 101.00	$ 18,442.60	$ 100.00	$ 18,260.00	$ 89.00	$ 16,251.40	$ 85.00	$ 15,521.00	$ 110.00	$ 20,086.00	$ 50.00	$ 9,130.00
42	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	106	$ 202.00	$ 21,412.00	$ 200.00	$ 21,200.00	$ 157.00	$ 16,642.00	$ 150.00	$ 15,900.00	$ 220.00	$ 23,320.00	$ 150.00	$ 15,900.00
43	TEMPORARY TRAFFIC CONTROL	LS	1	$ 117,700.00	$ 117,700.00	$ 120,000.00	$ 120,000.00	$ 150,000.00	$ 150,000.00	$ 275,000.00	$ 275,000.00	$ 53,400.00	$ 53,400.00	$ 150,000.00	$ 150,000.00
44	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	DAYS	51	$ 151.50	$ 7,726.50	$ 150.00	$ 7,650.00	$ 158.00	$ 8,058.00	$ 100.00	$ 5,100.00	$ 165.00	$ 8,415.00	$ 160.00	$ 8,160.00
45	GRADING, SHAPING, AND SEEDING FOR SIDEWALKS	EA	71	$ 1,818.00	$ 129,078.00	$ 160.00	$ 11,360.00	$ 211.00	$ 14,981.00	$ 500.00	$ 35,500.00	$ 160.00	$ 11,360.00	$ 700.00	$ 49,700.00
46	CONSTRUCTION SURVEY	LS	1	$ 30,000.00	$ 30,000.00	$ 33,000.00	$ 33,000.00	$ 52,700.00	$ 52,700.00	$ 5,000.00	$ 5,000.00	$ 25,000.00	$ 25,000.00	$ 20,000.00	$ 20,000.00
47	FLAGGER	DAYS	10	$ 515.00	$ 5,150.00	$ 540.00	$ 5,400.00	$ 640.00	$ 6,400.00	$ 600.00	$ 6,000.00	$ 550.00	$ 5,500.00	$ 600.00	$ 6,000.00
	Total Construction Cost				$ 3,109,877.10		$ ~~3,509,031.28~~ $ 3,504,031.28		$ 3,681,859.06		$ 3,783,950.55		$ 3,541,528.15		$ 3,058,591.45

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

License Number: 26800 License renewal date is December 31, 2022 Date: 3.17.2022
Pages or Sheets covered by this seal: All Sheets



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT:

2022 HMA Resurfacing Program

LOCATION: **Exhibit "A"**

DRAWN BY: JPM	DATE: 3/7/2022	PROJECT NUMBER/NAME: 0510-003-2022	SHT. 1 of 1