CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 18, 2024

ITEM:

Resolution – Ordering Construction
2024 HMA Resurfacing Program

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the 2024 HMA Resurfacing Program is $4,063,726.76. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds and Road Use Tax. Funds for the project are available in the FY 24-25 budget, but due to timing of the construction season, this project will begin on an accelerated schedule.

The project is being funded from a portion of the $6,900,000 allocated in FY 24-25 for Pavement Rehabilitation (Ongoing Maintenance category), $480,000 allocated in FY 23-24 for ADA Accessible Sidewalks (Ongoing Maintenance category), and $250,000 allocated in FY 23-24 for Storm Sewer Intake Replacements (Stormwater Enterprise Fund).

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, April 3, 2024 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, April 15, 2024. The contract would be awarded on Monday, April 15, 2024 and work will begin shortly thereafter.

The 2024 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 15, 2024.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the 2024 HMA Resurfacing Program.
- Fixing 2:00 p.m. on Wednesday, April 3, 2024 as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

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	Greta Truman, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE INFORMED

Committee	Public Services
Date Informed	March 11, 2024
No Deliberation or Action Taken	

RESOLUTION ORDERING CONSTRUCTION AND NOTICE OF PUBLIC HEARING ON PLANS, SPECIFICATIONS, FORM OF CONTRACT, ESTIMATE OF COST, AND DIRECTING ADVERTISEMENT FOR BIDS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the following described public improvement:

2024 HMA Resurfacing Program
Project No. 0510-003-2024

is hereby ordered to be constructed according to the Plans and Specifications prepared by I+S Group, Inc. (ISG) of Des Moines, Iowa and now on file in the office of the City Clerk.

BE IT FURTHER RESOLVED, that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, April 15, 2024, with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than thirteen (13) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, April 3, 2024.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, April 3, 2024 and the results of said bids shall be considered at a meeting of this Council on Monday, April 15, 2024 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **18th** day of **March, 2024.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

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

Joseph A. Whitehouse — 3/10/2024 Date

License Number: P27483

My License Renewal Date is 12/31/2025

Pages or sheets covered by this seal: Engineering Opinion of Probable Construction Costs

2024 HMA RESURFACING PROGRAM
CITY OF WEST DES MOINES
ISG PROJECT NO. 24-29838
WDM PROJECT NO. 0510-003-2024

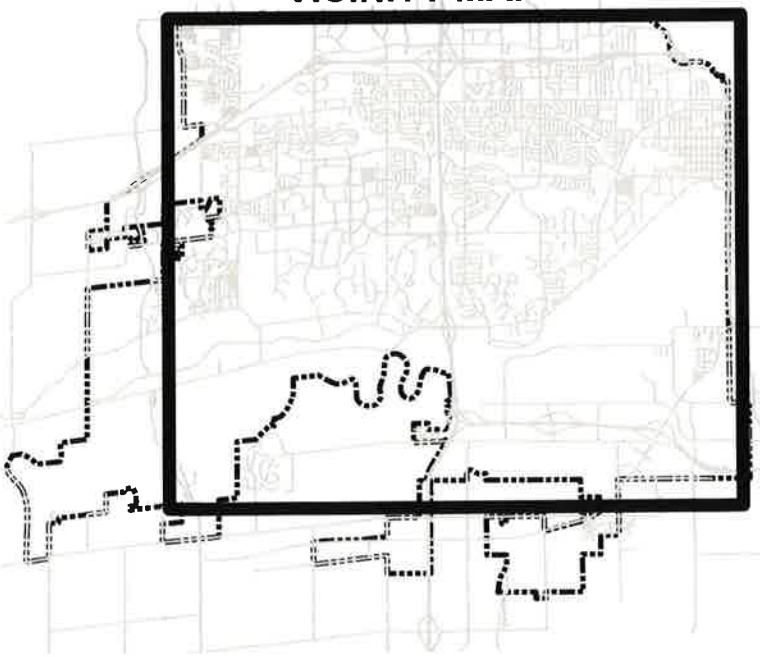
ISG

March 10, 2024

Item No.	Item	Unit	Estimated Quantity	Unit Price	Total Amount
	DIVISION 2 - EARTHWORK				
1	TOPSOIL, ON-SITE	CY	55	$105.00	$5,775.00
	DIVISION 5 - WATERMAINS AND APPURTENANCES				
2	VALVE BOX EXTENSION	EA	12	$1,100.00	$13,200.00
3	VALVE BOX REPLACEMENT, RETRO TO SLIDE TYPE	EA	17	$1,250.00	$21,250.00
	DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS				
4	INTAKE, SW-505	EA	1	$8,500.00	$8,500.00
5	INTAKE, SW-509	EA	6	$10,000.00	$60,000.00
6	MANHOLE ADJUSTMENT, MINOR	EA	26	$2,600.00	$67,600.00
7	INTAKE ADJUSTMENT, MINOR, SINGLE GRATE INTAKE	EA	16	$2,400.00	$38,400.00
8	INTAKE ADJUSTMENT, MINOR, DOUBLE GRATE INTAKE	EA	36	$3,000.00	$108,000.00
9	INTAKE ADJUSTMENT, MINOR, OPEN THROAT INTAKE, BOXOUT ONLY	EA	5	$2,400.00	$12,000.00
10	INTAKE ADJUSTMENT, MINOR, OPEN THROAT INTAKE	EA	3	$3,500.00	$10,500.00
11	INTAKE ADJUSTMENT, MAJOR PARTIAL, SW-505	EA	1	$3,500.00	$3,500.00
12	INTAKE ADJUSTMENT, MAJOR FULL, SW-501	EA	1	$5,400.00	$5,400.00
13	INTAKE ADJUSTMENT, MAJOR FULL, SW-505	EA	1	$6,600.00	$6,600.00
	DIVISION 7 - STREETS AND RELATED WORK				
14	CURB AND GUTTER REPLACEMENT, 8 INCH	LF	1369.5	$105.00	$143,797.50
15	CURB AND GUTTER, 8 INCH	LF	170	$80.00	$13,600.00
16	ASPHALT OVERLAY, SURFACE COURSE, 1/2 IN. MIX, HT 58-28, HIGH TRAFFIC	TON	10165	$108.00	$1,097,820.00
17	ASPHALT OVERLAY, INTERMEDIATE COURSE, 1/2 IN. MIX, HT 58-28, HIGH TRAFFIC	TON	617	$108.00	$66,636.00
18	ASPHALT OVERLAY, INTERMEDIATE COURSE, 3/8 IN. MIX, HT 58-28, HIGH TRAFFIC	TON	1835	$118.00	$216,530.00
19	ASPHALT OVERLAY, LEVELING COURSE, HIGH TRAFFIC	TON	349	$136.00	$47,464.00
20	ASPHALT OVERLAY, INTERLAYER, HIGH TRAFFIC	TON	1623	$140.00	$227,220.00
21	SHARED USE PATH REPLACEMENT, PCC, 6 IN., REINFORCED	SY	635	$115.00	$73,025.00
22	SIDEWALK, PCC, 4 IN.	SY	313	$90.00	$28,170.00
23	SIDEWALK, PCC, 6 IN.	SY	354	$95.00	$33,630.00
24	DETECTABLE WARNING	SF	927	$80.00	$74,160.00
25	DRIVEWAY, GRANULAR, 3 INCH	SY	72	$75.00	$5,400.00
26	FULL DEPTH PATCHES, HMA	SY	2157.8	$111.00	$239,515.80
27	FULL DEPTH PATCHES, PCC, M-4 MIX, 7 IN. MINIMUM	SY	828.4	$120.00	$99,408.00
28	FULL DEPTH PATCHES, PCC, M-4 MIX, 9 IN. MINIMUM	SY	1867.2	$152.00	$283,814.40
29	FULL DEPTH PATCHES, PCC, M-4 MIX, 10 IN. MINIMUM	SY	169.7	$185.00	$31,394.50
30	PARTIAL DEPTH PATCHES, HMA	SF	22741	$7.50	$170,557.50
31	CRACK AND JOINT CLEANING AND FILLING, HOT POUR	LF	40535	$1.80	$72,963.00
32	SURFACE MILLING	SY	29358	$5.50	$161,469.00
33	PAVEMENT REMOVAL	SY	87	$25.00	$2,175.00
34	EARTHEN SHOULDER	STA	79	$150.00	$11,850.00
35	GRANULAR SHOULDER	STA	38	$250.00	$9,500.00
	DIVISION 8 - TRAFFIC CONTROL				
36	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	655.18	$67.00	$43,897.06
37	PAINTED PAVEMENT MARKINGS, DURABLE	STA	304.1	$180.00	$54,738.00
38	PAINTED SYMBOLS AND LEGENDS, PREFORMED THERMOPLASTIC MARKING MATERIAL	EA	147	$480.00	$70,560.00
39	GROOVES CUT FOR PAVEMENT MARKINGS	STA	304.1	$120.00	$36,492.00
40	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	147	$210.00	$30,870.00
41	TEMPORARY TRAFFIC CONTROL	LS	1	$200,000.00	$200,000.00
42	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	DAYS	87	$225.00	$19,575.00
43	FLAGGER	EA	22	$635.00	$13,970.00
	DIVISION 11 - MISCELLANEOUS				
44	GRADING, SHAPING, AND SEEDING FOR SIDEWALKS	EA	54	$1,200.00	$64,800.00
45	CONSTRUCTION SURVEY	LS	1	$43,000.00	$43,000.00
46	SAWCUTTING DUST AND SLURRY MANAGEMENT	LS	1	$15,000.00	$15,000.00

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST: $4,063,726.76

VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES	PROJECT: **2024 HMA Resurfacing Program**		
	LOCATION: **Exhibit 'A'**		
	DRAWN BY: JPM	DATE: 3/11/2024	PROJECT NUMBER/NAME: 0510-003-2024	SHT. 1 of 1