CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: March 16, 2020

ITEM:

Resolution - Ordering Construction
2020 HMA Resurfacing Program

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the 2020 HMA Resurfacing Program is $3,161,136.40. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Road Use Tax. Funds for the project are available in the FY 19-20 budget, but due to timing of the construction season, this project will begin on an accelerated schedule.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, April 1, 2020 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, April 6, 2020. The contract would be awarded on Monday, April 6, 2020 and work will begin shortly thereafter.

The 2020 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 (see attached map). The project is anticipated to be completed by November 20, 2020.

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 Ordering Construction of the 2020 HMA Resurfacing Program.
- Fixing 2:00 p.m. on Wednesday, April 1, 2020 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 BJH

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	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee			
Date Reviewed			
Recommendation	Yes	No	Split

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:

2020 HMA Resurfacing Program
Project No. 0510-003-2020

is hereby ordered to be constructed according to the Plans and Specifications prepared by I+S Group, Inc. 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 6, 2020, 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 1, 2020.

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 1, 2020 and the results of said bids shall be considered at a meeting of this Council on Monday, April 6, 2020 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED on this **16th** day of **March, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

2020 HMA RESURFACING PROGRAM
CITY OF WEST DES MOINES

Location: WEST DES MOINES, IOWA
West Des Moines Project #: 0510-003-2020
ISG Project #: 19-23380
Date: 3/9/2020

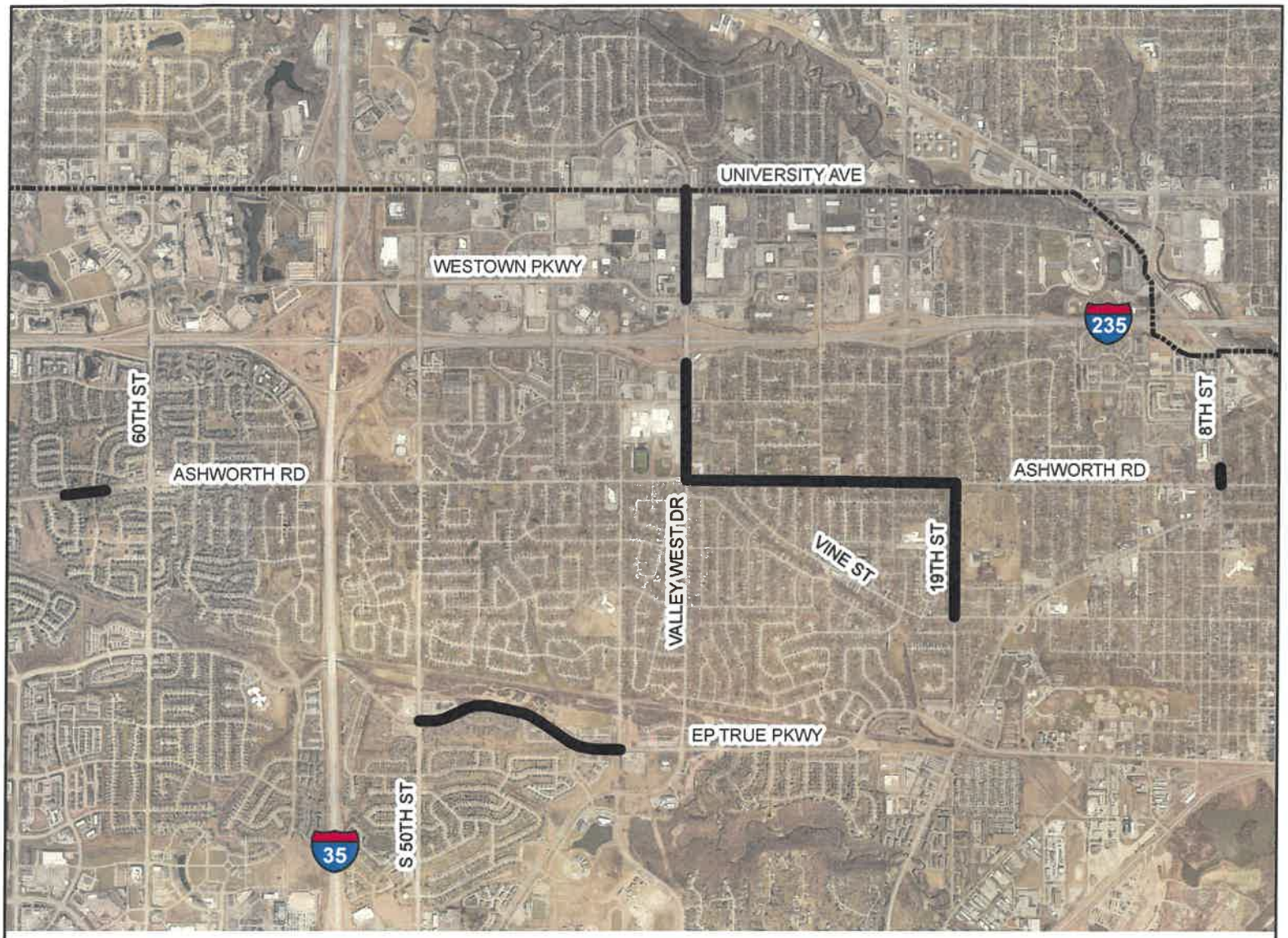
ENGINEER'S OPINION OF CONSTRUCTION COST

ITEM NO.	CONSTRUCTION ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
FIXTURE ADJUSTMENTS					
1	MANHOLE ADJUSTMENT, MINOR	EA	18	$ 3,100.00	$ 55,800.00
2	INTAKE ADJUSTMENT, MAJOR, SPECIAL M-E, FULL	EA	1	$ 6,000.00	$ 6,000.00
3	INTAKE ADJUSTMENT MINOR, REPLACE CASTING	EA	29	$ 3,500.00	$ 101,500.00
4	INTAKE ADJUSTMENT MINOR, SALVAGE AND RE-USE CASTING	EA	7	$ 2,500.00	$ 17,500.00
5	WATER VALVE BOX ADJUSTMENT	EA	29	$ 125.00	$ 3,625.00
6	WATER VALVE BOX ADJUSTMENT, RETRO TO SLIDE TYPE TOP REPLACEMENT	EA	3	$ 1,500.00	$ 4,500.00
7	WATER MANHOLE ADJUSTMENT, MINOR	EA	3	$ 3,100.00	$ 9,300.00
STREET PATCHING AND PAVEMENT REPAIR					
8	4" SIDEWALK REPLACEMENT	SY	680	$ 98.00	$ 66,640.00
9	6" SIDEWALK REPLACEMENT	SY	406	$ 119.00	$ 48,314.00
10	6" DRIVEWAY REPLACEMENT	SY	20	$ 125.00	$ 2,500.00
11	REMOVE AND RELAY EXISTING BRICKS	LS	1	$ 500.00	$ 500.00
12	PCC CURB AND GUTTER REPLACEMENT	LF	1472	$ 61.00	$ 89,792.00
13	PCC CURB AND GUTTER REPLACEMENT LOCATION	EA	56	$ 550.00	$ 30,800.00
14	PCC MEDIAN REPAIR	SY	83	$ 175.00	$ 14,525.00
15	DETECTABLE WARNINGS	SF	717	$ 55.00	$ 39,435.00
16	FULL DEPTH PATCHES, M-4 MIX, 7", MINIMUM	SY	50	$ 110.00	$ 5,500.00
17	FULL DEPTH PATCHES, M-4 MIX, 8", MINIMUM	SY	2200	$ 114.00	$ 250,800.00
18	FULL DEPTH PATCHES, M-4 MIX, 9", MINIMUM	SY	1506	$ 122.00	$ 183,732.00
19	FULL DEPTH PATCH, 5-HOUR MIX, 7" MINIMUM	SY	50	$ 133.00	$ 6,650.00
20	FULL DEPTH PATCH, 5-HOUR MIX, 8" MINIMUM	SY	297	$ 149.00	$ 44,253.00
21	FULL DEPTH PATCH, 5-HOUR MIX, 9" MINIMUM	SY	206	$ 158.00	$ 32,548.00
22	PARTIAL DEPTH PATCHES, HMA	SY	1163	$ 42.00	$ 48,846.00
23	SURFACE MILLING	SY	44707	$ 4.75	$ 212,358.25
24	CRACK AND JOINT, CLEANING AND SEALING, HOT POUR	LF	37797	$ 1.40	$ 52,915.80
HOT MIX ASPHALT (HMA)					
25	HOT MIX ASPHALT HIGH TRAFFIC, LEVELING COURSE, 1/2 IN. MIX, 75% CRUSHED	TON	321	$ 111.00	$ 35,631.00
26	HOT MIX ASPHALT HIGH TRAFFIC, INTERLAYER	TON	3300	$ 125.00	$ 412,500.00
27	HI-PRO	TON	1826	$ 127.00	$ 231,902.00
28	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, 75% CRUSHED	TON	6600	$ 112.00	$ 739,200.00
TRAFFIC CONTROL					
29	TRAFFIC CONTROL	LS	1	$ 78,000.00	$ 78,000.00
30	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	DAY	48	$ 215.00	$ 10,320.00
31	OFF DUTY POLICE OFFICER	HOUR	32	$ 55.00	$ 1,760.00
32	FLAGGER	DAY	30	$ 475.00	$ 14,250.00
PAVEMENT MARKINGS					
33	PAINTED PAVEMENT MARKINGS, DURABLE	LF	29317	$ 1.95	$ 57,168.15
34	TEMPORARY PAINTED PAVEMENT MARKINGS	LF	63172	$ 1.10	$ 69,489.20
35	PERMANENT SYMBOLS AND LEGENDS, PREFORMED THERMOPLASTIC MARKING MATERIAL	EA	139	$ 575.00	$ 79,925.00
36	GROOVES CUT FOR PAVEMENT MARKINGS	LF	29200	$ 0.50	$ 14,600.00
37	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	139	$ 63.00	$ 8,757.00
EARTHWORK AND SEEDING					
38	GRADING, SHAPING, AND SEEDING FOR SIDEWALKS	EA	56	$ 1,175.00	$ 65,800.00
CONSTRUCTION SURVEY					
39	CONSTRUCTION SURVEY	LS	1	$ 13,500.00	$ 13,500.00
				TOTAL CONSTRUCTION COSTS	**$ 3,161,136.40**

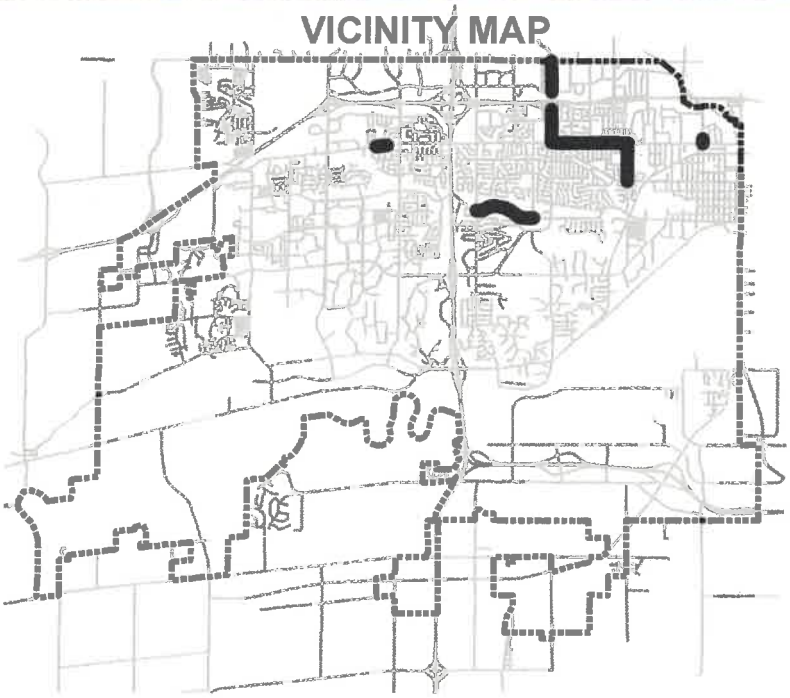
LICENSED PROFESSIONAL ENGINEER
DEREK A. JOHNSON
20894
IOWA

I HERBY CERTIFY THAT THIS IS A TRUE AND ACCURATE ACCOUNT OF ESTIMATED COSTS

DATE : 3/9/2020 LICENSE NUMBER 20894



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES	PROJECT: **2020 HMA Resurfacing Program**		
	LOCATION: **Exhibit "A"**		
	DRAWN BY: JDR	DATE: 3/10/2020	PROJECT NUMBER/NAME: 0510-003-2020	SHT. 1 of 1