CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: February 17, 2020

ITEM:

Resolution - Ordering Construction
2020 PCC Reconstruction Program

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the 2020 PCC Reconstruction Program is $1,209,542.50. 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 20-21 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, March 11, 2020 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, March 16, 2020. The contract would be awarded on Monday, March 16, 2020 and work will begin shortly thereafter.

This project involves complete reconstruction of 12th Street from Vine Street to Walnut Street and Walnut Street from 12th Street to 13th Street and includes pavement removal and replacement, grading, storm sewer, sanitary sewer modifications, and other related miscellaneous work required to reconstruct this street. Bridges of Iowa have verbally committed to allowing residents affected by construction of this project to use their parking lots located at their 1211 Vine Street facility. The project is anticipated to be completed by October 30, 2020.

Bolton & Menk and City of West Des Moines Engineering Services staff will be going door-to-door meeting with affected residents on March 11, 2020 from 5:00-7:00pm and will be available in the neighborhood for anyone wishing to seek additional information about the project. If residents are not home during this time, a door hanger similar to the previously mailed public notification letter will be left at the home. A public outreach video on the project has also been created and will be shared on the City's website.

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 PCC Reconstruction Program.
- Fixing 2:00 p.m. on Wednesday, March 11, 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

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	Public Services		
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 PCC Reconstruction Program
Project No. 0510-001-2020

is hereby ordered to be constructed according to the Plans and Specifications prepared by Bolton & Menk, 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, March 16, 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, March 11, 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, March 11, 2020 and the results of said bids shall be considered at a meeting of this Council on Monday, March 16, 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 **17th** day of **February, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

ENGINEER'S ESTIMATE

2020 PCC RECONSTRUCTION

CITY OF WEST DES MOINES

CITY CONTRACT NO.: 0510-001-2020

BOLTON & MENK

Real People. Real Solutions.

February 12, 2020

Item No.	Item	Unit	Estimated Quantity	Unit Price	Total Amount
1	CLEARING AND GRUBBING	LS	1	$3,500.00	$3,500.00
2	EXCAVATION, CLASS 10	CY	735	$25.00	$18,375.00
3	SUBGRADE PREPARATION	SY	4500	$3.00	$13,500.00
4	SUBGRADE TREATMENT, FLY ASH OR CEMENT TREATMENT	SY	4500	$7.50	$33,750.00
5	SUBBASE, MODIFIED, 6 IN.	SY	4500	$20.00	$90,000.00
6	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	500	$70.00	$35,000.00
7	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, SDR 26, 8 IN.	LF	20	$250.00	$5,000.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, SDR 26, 10 IN.	LF	70	$300.00	$21,000.00
9	SANITARY SEWER SERVICE RELOCATION	EA	5	$2,500.00	$12,500.00
10	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 15 IN.	LF	139	$75.00	$10,425.00
11	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 18 IN.	LF	22.5	$80.00	$1,800.00
12	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 24 IN.	LF	917	$90.00	$82,530.00
13	STORM SEWER, AS SUBDRAIN, TRENCHED, RCP CLASS III, 30 IN.	LF	344.1	$100.00	$34,410.00
14	STORM SEWER, TRENCHED, RCP CLASS III, 36 IN.	LF	214	$135.00	$28,890.00
15	REMOVAL OF STORM SEWER	LF	116	$15.00	$1,740.00
16	PIPE APRON, RCP, 36 IN.	EA	1	$3,500.00	$3,500.00
17	STORM SEWER SERVICE STUB, PVC, 6 IN.	LF	165	$60.00	$9,900.00
18	SANITARY MANHOLE, SW-301, 48 INCH	EA	4	$7,500.00	$30,000.00
19	STORM MANHOLE, SW-401, 48 IN.	EA	6	$5,000.00	$30,000.00
20	STORM MANHOLE, SW-401, 60 IN.	EA	2	$5,500.00	$11,000.00
21	STORM MANHOLE, SW-401, 72 IN.	EA	2	$7,500.00	$15,000.00
22	STORM MANHOLE, SW-401, 84 IN.	EA	1	$10,000.00	$10,000.00
23	INTAKE, SW-501	EA	6	$5,000.00	$30,000.00
24	INTAKE, SW-505	EA	6	$6,500.00	$39,000.00
25	MANHOLE ADJUSTMENT, MINOR	EA	1	$1,500.00	$1,500.00
26	REMOVE MANHOLE	EA	4	$1,250.00	$5,000.00
27	REMOVE INTAKE	EA	2	$1,250.00	$2,500.00
28	PAVEMENT, PCC, 6 IN. REINFORCED	SY	2575	$65.00	$167,375.00
29	PAVEMENT, PCC, 7 IN. REINFORCED	SY	815	$67.50	$55,012.50
30	6 IN. PCC CURB AND GUTTER, 1.5' WIDTH	LF	2250	$55.00	$123,750.00
31	PAVEMENT, HMA, HIGH TRAFFIC, SURFACE COURSE, 1/2" MIX, 75% CRUSHED	TON	250	$110.00	$27,500.00
32	REMOVAL OF SIDEWALK	SY	605	$15.00	$9,075.00
33	REMOVAL OF DRIVEWAY	SY	210	$15.00	$3,150.00
34	SIDEWALK, PCC, 4 IN.	SY	490	$75.00	$36,750.00
35	SIDEWALK, PCC, 6 IN.	SY	170	$95.00	$16,150.00
36	DETECTABLE WARNING	SF	120	$50.00	$6,000.00
37	DRIVEWAY, PAVED, PCC, 6 IN.	SY	235	$65.00	$15,275.00
38	PAVEMENT REMOVAL	SY	3810	$17.50	$66,675.00
39	TEMPORARY TRAFFIC CONTROL	LS	1	$25,000.00	$25,000.00

40	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.2	$5,000.00	$1,000.00
41	SOD	SQ	105	$90.00	$9,450.00
42	SWPPP PREPARATION	LS	1	$2,500.00	$2,500.00
43	SWPPP MANAGEMENT	LS	1	$3,500.00	$3,500.00
44	FILTER SOCK, 9 IN. DIA	LF	2560	$3.50	$8,960.00
45	RIP RAP, CLASS D	TON	20	$150.00	$3,000.00
46	STABILIZED CONSTRUCTION ENTRANCE	SY	330	$25.00	$8,250.00
47	STABILIZED CONSTRUCTION ENTRANCE (MAINTENANCE)	TON	80	$75.00	$6,000.00
48	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0.75	$5,000.00	$3,750.00
49	INLET PROTECTION DEVICE	EA	12	$150.00	$1,800.00
50	INLET PROTECTION DEVICE, MAINTENANCE	EA	12	$150.00	$1,800.00
51	CONSTRUCTION SURVEY	LS	1	$12,000.00	$12,000.00
52	MAINTENANCE OF GARBAGE, RECYLING, YARD WASTE, & MAIL SERVICE	LS	1	$3,500.00	$3,500.00
53	TEMPORARY PEDESTRIAN RESIDENTIAL ACCESS	LS	1	$7,500.00	$7,500.00
54	CONCRETE WASHOUT	LS	1	$5,000.00	$5,000.00

OPINION OF PROBABLE CONSTRUCTION COST: **$1,209,542.50**

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

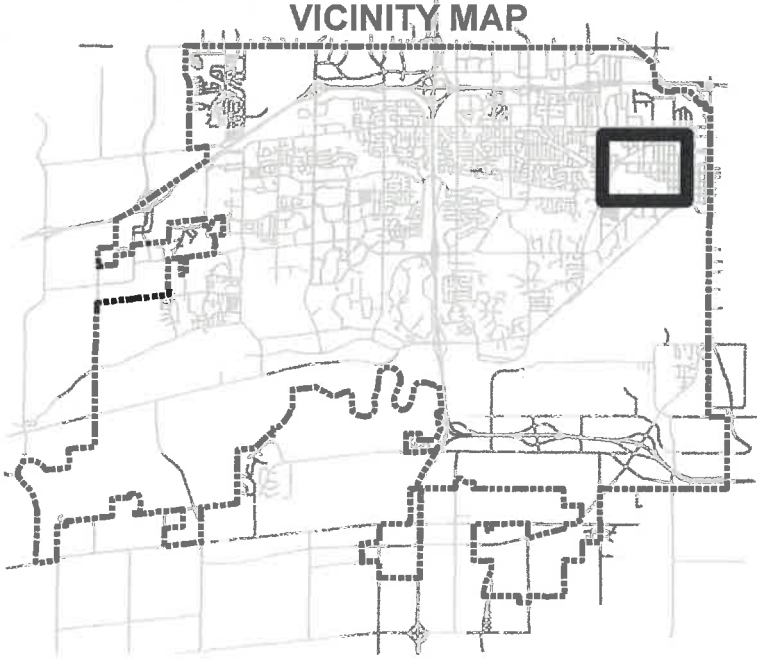
LICENSED PROFESSIONAL ENGINEER
CHARLES N. KAHLSDORF
23243
IOWA

12 FEB 2020

Charles N Kahlsdorf, P.E. **Date**

Reg. No. 23243

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

2020 Street Reconstruction Program

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 7/25/2019	PROJECT NUMBER/NAME: 0510-001-2020	SHT. 1 of 1