CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: August 15, 2022

ITEM:

Resolution - Accepting Work
2021 PCC Reconstruction Program

FINANCIAL IMPACT:

The total construction cost for the 2021 PCC Reconstruction Program was $1,235,296.00 which was paid from account no. 500.000.000.5250.490 and 660.000.000.5250.490 with the ultimate funding intended to come from Road Use (Division 1 = $1,089,843.75) and Stormwater Fee (Division 2 = $145,452.25), respectively. The original cost of the project was $1,275,272.00. There were three (3) Change Orders on the project that totaled ($39,976.00).

BACKGROUND:

Sternquist Construction, Inc. was working under an agreement dated March 1, 2021 for construction services for the 2021 PCC Reconstruction Program. Work on this project included complete Portland cement concrete (PCC) reconstruction of Vine Street from 12th Street (north leg) to 14th Street (south leg) and included pavement removal and replacement, grading, storm sewer, sanitary sewer modifications, and other related miscellaneous work required to reconstruct this street. The project also included improvements to the existing storm sewer system near the adjacent intersection of 14th Street & Mountain Avenue to address localized flooding concerns.

This action accepts the public improvements and authorizes staff to pay the retainage no sooner than 30 days.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution Accepting Work for the 2021 PCC Reconstruction Program.

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	August 8, 2022		
Recommendation	Yes	No	Split

RESOLUTION ACCEPTING WORK

WHEREAS, on March 1, 2021, the City Council entered into a contract with Sternquist Construction, Inc. of Indianola, Iowa, for the following described public improvement:

2021 PCC Reconstruction Program
Project No. 0510-001-2021

and,

WHEREAS, said contractor has substantially completed the construction of said improvement in accordance with plans and specifications as shown by the report of the City Engineer filed with the City Clerk on August 15, 2022; and,

WHEREAS, the City has retained $5,000.00 (0.40%) of the construction costs;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that said report of the City Engineer is hereby approved and said public improvement is accepted as having been substantially completed in accordance with plans and specifications and the total final construction cost of said improvement is $1,235,296.00 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $5,000.00, which includes retainage for the project, no sooner than 30 days subject to the Contractor satisfying all the conditions of the contract.

PASSED AND APPROVED on this **15th** day of **August, 2022.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

ENGINEERING SERVICES
4200 Mills Civic Parkway, Suite 2E
PO Box 65320
West Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0602

THE CITY OF
West Des Moines

RETAINAGE

Contractor: **Sternquist Construction**
1110 N. 14th Street
Indianola, IA 50125

Project Title	2021 PCC Reconstruction	
WDM Project File Number	0510-001-2021	
Purchase Order Number	2021-0000058	
Orig. Contract Amount & Date	$1,275,272.00	03/01/21
Estimated Completion Date	09/30/21	
Pay Period End Date	8/1/22	
Pay Request Number	Retainage	
Date	09/19/22	

BID ITEMS (DIVISION 1)

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
1	CLEARNING AND GRUBBING	LS	1	$2,575.00	$2,575.00	1.00	$2,575.00
2	EXCAVATION, CLASS 10	CY	5,259	$10.50	$55,219.50	5,259.00	$55,219.50
3	EXCAVATION, CLASS 10 (EXPORT)	CY	5,154	$12.50	$64,425.00	5,154.00	$64,425.00
4	EXCAVATION, CORE OUT	CY	150	$46.50	$6,975.00	150.00	$6,975.00
5	SUBGRADE PREPARATION	SY	5,223	$2.00	$10,446.00	0.00	$0.00
6	SUBGRADE TREATMENT, FLY ASH OR CEMENT TREATMENT	SY	5,223	$8.25	$43,089.75	0.00	$0.00
7	SUBBASE, MODIFIED, 6 IN.	SY	5,223	$9.50	$49,618.50	5,734.00	$54,473.00
8	REMOVAL OF PIPE AND CONDUIT, WATER SERVICE	LF	345	$39.25	$13,541.25	121.00	$4,749.25
9	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	100	$83.25	$8,325.00	46.00	$3,829.50
10	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, SDR 26, 8 IN.	LF	180	$58.50	$10,530.00	179.00	$10,471.50
11	SANITARY SEWER SERVICE RELOCATION	EA	5	$2,429.50	$12,147.50	4.00	$9,718.00
12	STORM SEWER, TRENCHED, RCP CLASS III, 15 IN.	LF	184	$77.00	$14,168.00	180.00	$13,860.00
13	STORM SEWER, TRENCHED, RCP CLASS III, 18 IN.	LF	678	$83.00	$56,274.00	717.50	$59,552.50
14	STORM SEWER, TRENCHED, RCP CLASS III, 24 IN.	LF	570	$90.00	$51,300.00	594.00	$53,460.00
15	STORM SEWER, TRENCHED, RCP CLASS III, 42 IN.	LF	68	$156.00	$10,608.00	88.00	$13,728.00
16	STORM SEWER, TRENCHED, RCP CLASS III, 48 IN.	LF	153	$181.00	$27,693.00	153.00	$27,693.00
17	REMOVAL OF STORM SEWER	LF	785	$32.00	$25,120.00	761.00	$24,352.00
18	STORM SEWER ABANDONMENT, PLUG	EA	1	$1,200.00	$1,200.00	1.00	$1,200.00
19	PIPE APRON, RCP, 42 IN.	EA	1	$7,100.00	$7,100.00	1.00	$7,100.00
20	PIPE APRON, RCP, 48 IN.	EA	1	$7,825.00	$7,825.00	1.00	$7,825.00
21	SUBDRAIN, PVC, 6 IN.	LF	920	$18.00	$16,560.00	874.00	$15,732.00
22	SUBDRAIN CLEANOUT, 6 IN.	EA	3	$893.00	$2,679.00	3.00	$2,679.00
23	SUBDRAIN OUTLETS AND CONNECTIONS, CMP, 6 IN.	EA	5	$472.00	$2,360.00	5.00	$2,360.00
24	WATER MAIN, TRENCHED, DIP, 8 IN.	LF	180	$92.00	$16,560.00	101.00	$9,292.00
25	VALVE BOX EXTENSION	EA	19	$240.00	$4,560.00	9.00	$2,160.00
26	FIRE HYDRANT ADJUSTMENT	EA	5	$2,090.00	$10,450.00	3.00	$6,270.00
27	VALVE BOX REMOVAL	EA	2	$282.00	$564.00	2.00	$564.00
28	SANITARY MANHOLE, SW-301, 48 IN.	EA	6	$6,730.00	$40,380.00	6.00	$40,380.00
29	STORM MANHOLE, SW-401, 48 IN.	EA	3	$5,370.00	$16,110.00	3.00	$16,110.00
30	STORM MANHOLE, SW-402, 72 IN. X 72 IN.	EA	2	$9,065.00	$18,130.00	2.00	$18,130.00
31	INTAKE, SW-501	EA	6	$3,675.00	$22,050.00	5.00	$18,375.00
32	INTAKE, SW-503	EA	6	$5,562.00	$33,372.00	5.00	$27,810.00
33	INTAKE, SW-505	EA	2	$5,210.00	$10,420.00	3.00	$15,630.00
34	INTAKE, SW-506	EA	2	$8,520.00	$17,040.00	4.00	$34,080.00
35	INTAKE, SW-513, 72 IN. X 72 IN.	EA	1	$7,560.00	$7,560.00	1.00	$7,560.00
36	MANHOLE ADJUSTMENT, MINOR	EA	1	$2,250.00	$2,250.00	0.00	$0.00
37	REMOVE MANHOLE	EA	10	$1,355.00	$13,550.00	10.00	$13,550.00

38	REMOVE INTAKE	EA	8	$1,185.00	$9,480.00	5.00	$5,925.00
39	PAVEMENT, PCC, 7 IN., REINFORCED	SY	4,350	$58.00	$252,300.00	3,882.00	$225,156.00
40	REMOVAL OF SIDEWALK	SY	354	$8.25	$2,920.50	448.00	$3,696.00
41	REMOVAL OF DRIVEWAY	SY	345	$8.25	$2,846.25	402.00	$3,316.50
42	SIDEWALK, PCC, 4 IN.	SY	281	$45.00	$12,645.00	339.00	$15,255.00
43	SIDEWALK, PCC, 6 IN.	SY	61	$100.00	$6,100.00	66.00	$6,600.00
44	DETECTABLE WARNING	SF	195	$40.00	$7,800.00	143.00	$5,720.00
45	DRIVEWAY, PAVED, PCC, 6 IN.	SY	312	$50.00	$15,600.00	271.00	$13,550.00
46	FULL DEPTH SAW CUT	LF	1,180	$4.00	$4,720.00	1,180.00	$4,720.00
47	PAVEMENT REMOVAL	SY	4,125	$7.50	$30,937.50	3,793.00	$28,447.50
48	PAINTED SYMBOLS AND LEGENDS, HIGH-BUILD WATERBORNE	EA	8	$231.75	$1,854.00	8.00	$1,854.00
49	TEMPORARY TRAFFIC CONTROL	LS	1	$14,626.00	$14,626.00	1.00	$14,626.00
50	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	3	$2,060.00	$6,180.00	5.50	$11,330.00
51	SOD	SQ	212	$56.75	$12,031.00	254.00	$14,414.50
52	SWPPP PREPARATION	LS	1	$800.00	$800.00	1.00	$800.00
53	SWPPP MANAGEMENT	LS	1	$2,060.00	$2,060.00	1.00	$2,060.00
54	FILTER SOCK, 9 IN. DIA.	LF	2,600	$1.75	$4,550.00	20.00	$35.00
55	RIP RAP, CLASS 'D'	TON	105	$90.00	$9,450.00	315.00	$28,350.00
56	EROSION CONTROL MULCHING, HYDROMULCHING	AC	4	$1,030.00	$4,120.00	3.60	$3,708.00
57	INLET PROTECTION DEVICE	EA	22	$160.00	$3,520.00	22.00	$3,520.00
58	INLET PROTECTION DEVICE, MAINTENANCE	EA	22	$31.00	$682.00	22.00	$682.00
59	CONSTRUCTION SURVEY	LS	1	$11,000.00	$11,000.00	1.00	$11,000.00
60	MAINTENANCE OF GARBAGE, RECYCLING, YARD WASTE, & MAIL SERVICE	LS	1	$5,500.00	$5,500.00	1.00	$5,500.00
61	TEMPORARY PEDESTRAIN RESIDENTIAL ACCESS	LS	1	$5,150.00	$5,150.00	1.00	$5,150.00
62	CONCRETE WASHOUT	LS	1	$1,500.00	$1,500.00	1.00	$1,500.00
63	TEMPORARY ACCESS DRIVE	SY	260	$31.00	$8,060.00	260.00	$8,060.00
C01.1	REMOVAL OF UNKNOWN STRUCTURE	LS	1	$ 10,285.00	$10,285.00	1.00	$10,285.00
C01.2	REVISED CONNECTION TO STORM STRUCTURE	EA	1	$ 2,695.00	$2,695.00	1.00	$2,695.00
				SUBTOTAL DIVISION 1	**$1,162,187.75**		**$1,089,843.75**

BID ITEMS (DIVISION 2)

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
1	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	20	$102.00	$2,040.00	0.00	$0.00
2	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, SDR 26, 8 IN.	LF	30	$156.00	$4,680.00	30.00	$4,680.00
3	STORM SEWER, TRENCHED, RCP CLASS III, 15 IN.	LF	50	$71.50	$3,575.00	50.00	$3,575.00
4	STORM SEWER, TRENCHED, RCP CLASS III, 18 IN.	LF	67	$70.00	$4,690.00	67.00	$4,690.00
5	STORM SEWER, TRENCHED, RCP CLASS III, 36 IN.	LF	51	$142.75	$7,280.25	51.00	$7,280.25
6	REMOVAL OF STORM SEWER, ANY, 15 IN.	LF	60	$28.00	$1,680.00	58.00	$1,624.00
7	WATER MAIN, TRENCHED, DIP, 8 IN.	LF	60	$95.00	$5,700.00	0.00	$0.00
8	SANITARY MANHOLE, SW-301, 48 INCH	EA	1.00	$6,500.00	$6,500.00	1.00	$6,500.00
9	INTAKE, SW-505	EA	4.00	$5,200.00	$20,800.00	4.00	$20,800.00
10	INTAKE, SW-505, MODIFIED	EA	1	$5,425.00	$5,425.00	1.00	$5,425.00
11	INTAKE, SW-506, MODIFIED	EA	1	$8,140.00	$8,140.00	1.00	$8,140.00
12	CONNECTION TO EXISTING MANHOLE	EA	2	$2,650.00	$5,300.00	2.00	$5,300.00
13	CONNECTION TO EXISTING INTAKE	EA	1	$2,370.00	$2,370.00	1.00	$2,370.00
14	REMOVE MANHOLE	EA	1	$1,445.00	$1,445.00	1.00	$1,445.00
15	REMOVE INTAKE	EA	3	$1,232.00	$3,696.00	3.00	$3,696.00
16	SIDEWALK, PCC, 4 IN.	SY	35	$45.00	$1,575.00	52.00	$2,340.00
17	DRIVEWAY, PAVED, PCC, 6 IN.	SY	20	$50.00	$1,000.00	41.00	$2,050.00
18	FULL DEPTH PATCHES	SY	269	$72.00	$19,368.00	309.00	$22,248.00
19	PAVEMENT REMOVAL	SY	324	$12.50	$4,050.00	402.00	$5,025.00
20	TEMPORARY TRAFFIC CONTROL	LS	1	$5,253.00	$5,253.00	1.00	$5,253.00
21	SOD	SQ	19	$56.75	$1,078.25	52.00	$2,951.00
22	FILTER SOCK, 9 IN. DIA.	LF	183	$1.75	$320.25	0.00	$0.00
23	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0	$1,545.00	$0.00	0.00	$0.00
24	INLET PROTECTION DEVICE	EA	15	$160.00	$2,400.00	15.00	$2,400.00
25	INLET PROTECTION DEVICE, MAINTENANCE	EA	15	$500.00	$7,500.00	15.00	$7,500.00
26	CONCRETE WASHOUT	LS	1	$250.00	$250.00	1.00	$250.00
CO2.1	REPLACEMENT OF EXISTING STORM STRUCTURE	LS	1	$19,910.00	$19,910.00	1.00	$19,910.00
				SUBTOTAL DIVISION 2	**$126,115.75**		**$145,452.25**
				TOTAL	**$1,308,213.50**		**$1,235,296.00**

MATERIALS STORED SUMMARY			
Description	# of Units	Unit Price	Extended Cost
			$0.00
			$0.00
		TOTAL	$0.00

PAY REQUEST SUMMARY			
		Total Approved	Total Completed
	Contract Price	$1,275,272.00	$1,235,296.00
	Approved Change Order 1	$12,980.00	
	Approved Change Order 2	$19,910.00	
	Approved Change Order 3	($72,866.00)	
	Revised Contract Price	$1,235,296.00	$1,235,296.00
		Materials Stored	$0.00
		Retainage (5%)	$0.00
		Total Earned Less Retainage	$1,235,296.00
Total Previously Approved (list each)	Pay Request 1	$28,244.71	
	Pay Request 2	$225,565.61	
	Pay Request 3	$201,854.29	
	Pay Request 4	$529,401.84	
	Pay Request 5	$57,888.82	
	Pay Request 6	$187,340.73	
		Total Previously Approved	$1,230,296.00
		Amount Due This Request	**$5,000.00**
		Percent Complete	100%
		Percent of Contract Period Utilized	100%

The amount $5,000.00 is recommended for approval for payment in accordance with the terms of the Contract

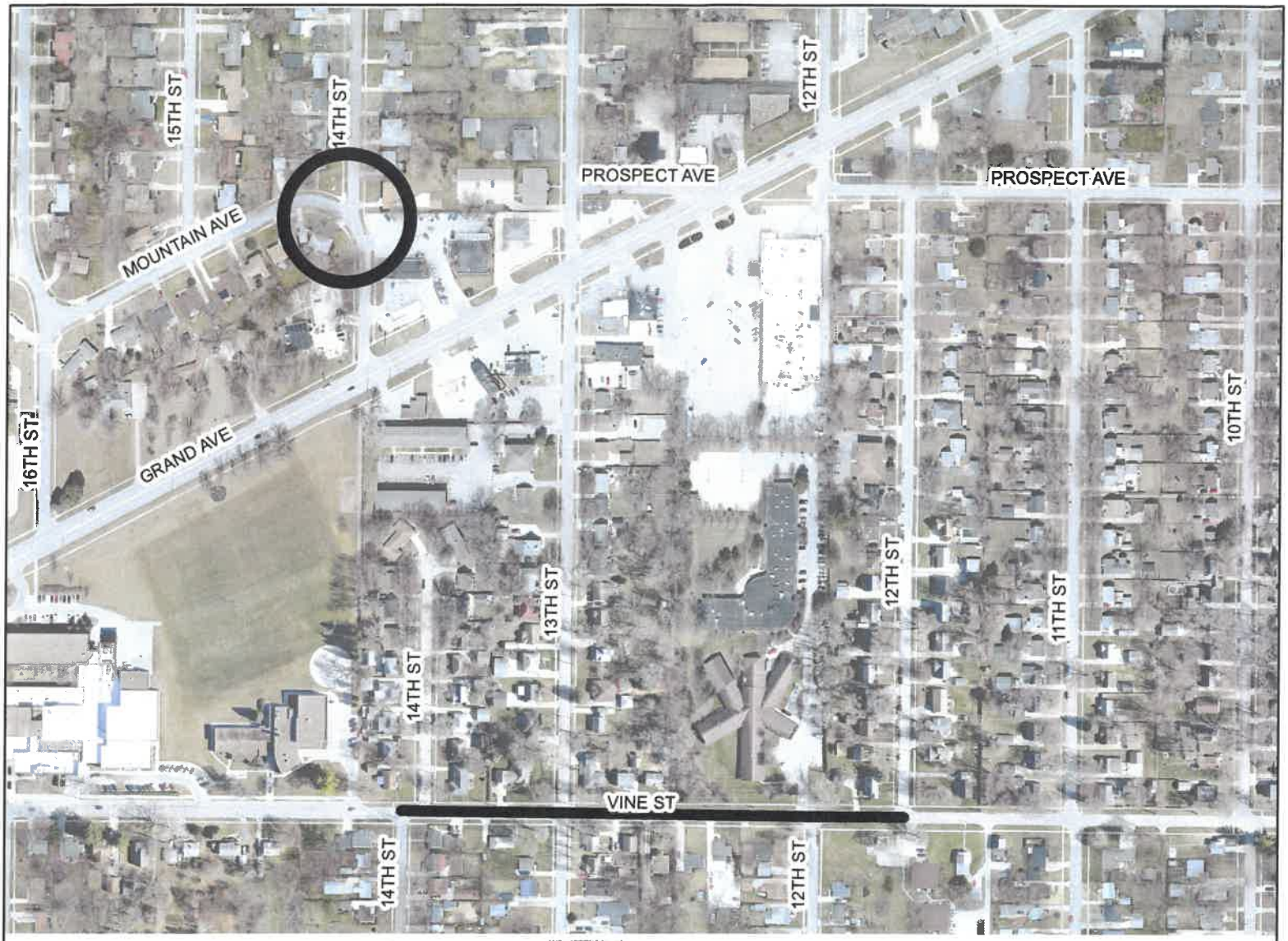
Contractor:	Recommended By:	Checked By:
Sternquist Construction	Bolton & Menk	City of West Des Moines
Signature: Brad Freeman	Signature:	Signature:
Name: Brad Freeman	Name: Samuel Kessel	Name: Brian Hemesath
Title: GM	Title: Landscape Architect	Title: City Engineer
Date: Aug 4, 2022	Date: Aug 4, 2022	Date: Aug 4, 2022

Signature: Clint Carpenter

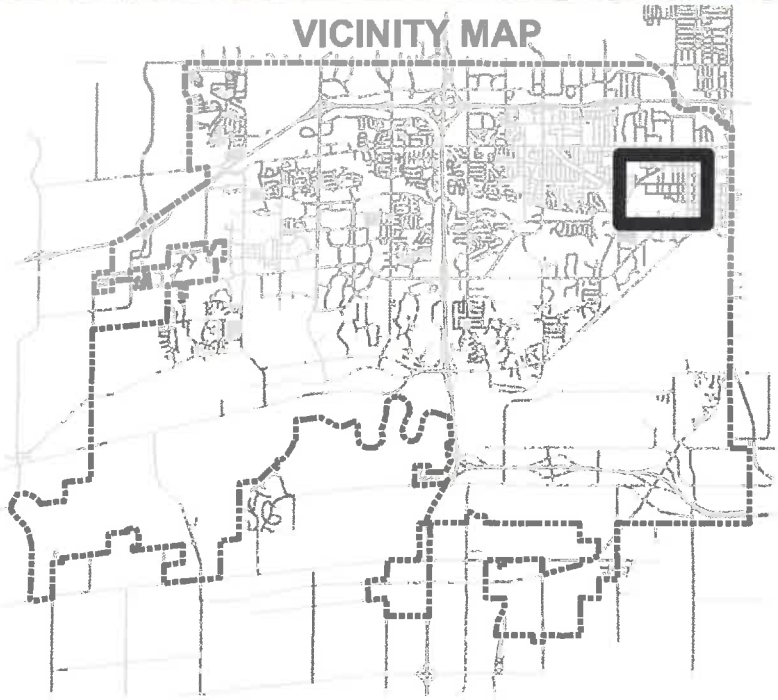
Email: Clint.Carpenter@wdm.iowa.gov

Signature: Jason Schlickbernd (Aug 4, 2022 09:21 CDT)

Email: jason.schlickbernd@wdm.iowa.gov



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT:

2021 Street Reconstruction Program

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 1/28/2021	PROJECT NUMBER/NAME: 0510-001-2021	SHT. 1 of 1