CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: December 7, 2020

ITEM:

Resolution - Accepting Work
SW 60th Street Phase 1 – Veterans Parkway South

FINANCIAL IMPACT:

The total construction cost for SW 60th Street Phase 1 – Veterans Parkway South was $2,231,185.52 which was paid from account no. 500.000.000.5250.490 with ultimate funding intended to come from Osmium Urban Renewal Area revenues. The original cost of the project was $2,248,321.55. There were six (6) Change Orders on the project that totaled ($17,136.03).

BACKGROUND:

Concrete Technologies, Inc. was working under an agreement dated March 18, 2019 for construction services for Phase 1 of SW 60th Street from Veterans Parkway to 110th Lane. Work on this project included construction of three (3) segments of urban street to serve Project Osmium (Microsoft). The first segment included a portion of existing SW 60th Street (east alignment) just south of 110th Lane. The second segment included a portion of existing 110th Lane between the east alignment of SW 60th Street and the new west alignment of SW 60th Street. The third segment included the new west alignment of SW 60th Street between 110th Lane and Veterans Parkway. Construction activities included grading, storm sewer, water main, paving, surface restoration, and all other related work.

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

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 Accepting Work for SW 60th Street Phase 1 – Veterans Parkway South.

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			
Date Reviewed			
Recommendation	Yes	No	Split

RESOLUTION ACCEPTING WORK

WHEREAS, on March 18, 2019, the City Council entered into a contract with Concrete Technologies, Inc. of Grimes, Iowa, for the following described public improvement:

SW 60th Street Phase 1 – Veterans Parkway South
Project No. 0510-013-2017

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 December 7, 2020; and,

WHEREAS, the City has retained $11,589.00 (0.52%) 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 $2,231,185.52 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $11,589.00, 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 **7th** day of **December, 2020**.

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

Department of Engineering Services
4200 Mills Civic Pkwy, Ste 2E, PO Box 65320
West Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0603

THE CITY OF
West Des Moines

FINAL RETAINAGE

Contractor: **Concrete Technologies, Inc.**

1001 SE 37th Street

Grimes, IA 50111

Project Title	SW 60th Street - Veterans Parkway South	
WDM Project File Number	0510-013-2017	
Purchase Order Number	2019-00000541	
Orig. Contract Amount & Date	$2,248,321.55	03/18/19
Estimated Completion Date	05/25/20	
Pay Period	08/03/20 to 09/03/20	
Pay Request Number	Final Retainage	
Date	01/04/21	

BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
2.1	Clearing and Grubbing	ACRE	4.25	$2,625.00	$11,156.25	4.25	$11,156.25
2.2	Topsoil, On-Site	CY	6,900.00	$8.40	$57,960.00	6,900.00	$57,960.00
2.3	Excavation, Class 10	CY	14,800.00	$3.15	$46,620.00	14,800.00	$46,620.00
2.4	Excavation, Class 10, Waste	CY	6,200.00	$4.20	$26,040.00	6,200.00	$26,040.00
2.5	Subgrade Preparation, 12 Inches	SY	14,300.00	$3.40	$48,620.00	14,300.00	$48,620.00
2.6	Subgrade Treatment, Fly Ash	TON	150.00	$68.25	$10,237.50		$0.00
2.7	Below Grade Excavation (Core Out)	CY	1,200.00	$2.10	$2,520.00		$0.00
4.1	Storm Sewer, Trenched, RCP, 15"	LF	1,375.00	$69.25	$95,218.75	1,330.50	$92,137.13
4.2	Storm Sewer, Trenched, RCP, 18"	LF	268.00	$73.50	$19,698.00	268.00	$19,698.00
4.3	Storm Sewer, Trenched, RCP, 24"	LF	1,092.00	$84.00	$91,728.00	1,063.50	$89,334.00
4.4	Storm Sewer, Trenched, RCP, 30"	LF	511.00	$99.75	$50,972.25	511.00	$50,972.25
4.5	Storm Sewer, Trenched, RCP, 36"	LF	941.00	$126.00	$118,566.00	930.00	$117,180.00
4.6	Pipe Apron, RCP, 15"	EACH	1.00	$1,260.00	$1,260.00	1.00	$1,260.00
4.7	Pipe Apron, RCP, 30"	EACH	1.00	$1,470.00	$1,470.00	1.00	$1,470.00
4.8	Pipe Apron, RCP, 36"	EACH	1.00	$2,310.00	$2,310.00	1.00	$2,310.00
4.9	Footing for Concrete Pipe Apron, RCP, 15"	EACH	1.00	$840.00	$840.00	1.00	$840.00
4.10	Footing for Concrete Pipe Apron, RCP, 30"	EACH	1.00	$997.50	$997.50	1.00	$997.50
4.11	Footing for Concrete Pipe Apron, RCP, 36"	EACH	1.00	$1,260.00	$1,260.00	1.00	$1,260.00
4.12	Subdrain, Type 1, 6"	LF	5,578.00	$11.30	$63,031.40	5,578.00	$63,031.40
4.13	Subdrain Outlets and Connections, CMP, 8"	EACH	49.00	$420.00	$20,580.00	45.00	$18,900.00
5.1	Water Main, Trenched, PVC, 8"	LF	2,279.00	$42.00	$95,718.00	2,279.00	$95,718.00
5.2	Water Main, Trenched, PVC, 12"	LF	1,224.00	$50.40	$61,689.60	1,224.00	$61,689.60
5.3	Fitting, Cross, 12" x 12"	EACH	1.00	$1,575.00	$1,575.00	1.00	$1,575.00
5.4	Fitting, 8" x 12" Reducer	EACH	1.00	$735.00	$735.00	1.00	$735.00
5.5	Fitting, 45° Elbow, 8"	EACH	2.00	$682.50	$1,365.00	2.00	$1,365.00
5.6	Fitting, 22.5° Elbow, 12"	EACH	2.00	$892.50	$1,785.00	2.00	$1,785.00
5.7	Valve, Gate, 8"	EACH	6.00	$1,680.00	$10,080.00	6.00	$10,080.00
5.8	Valve, Gate, 12"	EACH	4.00	$2,625.00	$10,500.00	4.00	$10,500.00
5.9	Fire Hydrant Assembly	EACH	15.00	$5,040.00	$75,600.00	15.00	$75,600.00
6.1	Manhole, SW-401, 60"	EACH	1.00	$6,300.00	$6,300.00	1.00	$6,300.00
6.2	Manhole, SW-406, 5' x 5'	EACH	2.00	$5,985.00	$11,970.00	2.00	$11,970.00
6.3	Intake, SW-501	EACH	6.00	$3,150.00	$18,900.00	6.00	$18,900.00
6.4	Intake, Modified SW-501	EACH	2.00	$3,570.00	$7,140.00	2.00	$7,140.00
6.5	Intake, SW-503	EACH	11.00	$4,725.00	$51,975.00	11.00	$51,975.00
6.6	Intake, Modified SW-503	EACH	1.00	$5,250.00	$5,250.00	1.00	$5,250.00
6.7	Intake, SW-505	EACH	4.00	$4,620.00	$18,480.00	4.00	$18,480.00
6.8	Intake, Modified SW-505	EACH	1.00	$5,040.00	$5,040.00	1.00	$5,040.00
6.9	Intake, SW-506	EACH	3.00	$10,500.00	$31,500.00	3.00	$31,500.00
6.10	Intake, Modified SW-506	EACH	1.00	$11,550.00	$11,550.00	1.00	$11,550.00
6.11	Intake, Modified SW-506 (6.5' x 7.75')	SY	4.00	$12,075.00	$48,300.00	4.00	$48,300.00
7.1	Pavement, PCC, 8 In. Reinforced	SY	6,853.00	$58.50	$400,900.50	7,208.10	$421,673.85
7.2	Pavement, PCC, 9 In. Reinforced	SY	5,726.00	$61.00	$349,286.00	5,384.80	$327,252.80
7.3	PCC Pavement Samples and Testing	LS	1.00	$16,000.00	$16,000.00	1.00	$16,000.00
7.4	Sidewalk, PCC, 4 In.	SY	1,881.00	$40.00	$75,240.00	1,777.30	$71,092.00
7.5	Driveway, Paved, PCC, 7 In.	SY	585.00	$52.50	$30,712.50	864.00	$45,360.00
7.6	Granular Surfacing	TON	300.00	$31.50	$9,450.00	1,033.88	$32,567.22

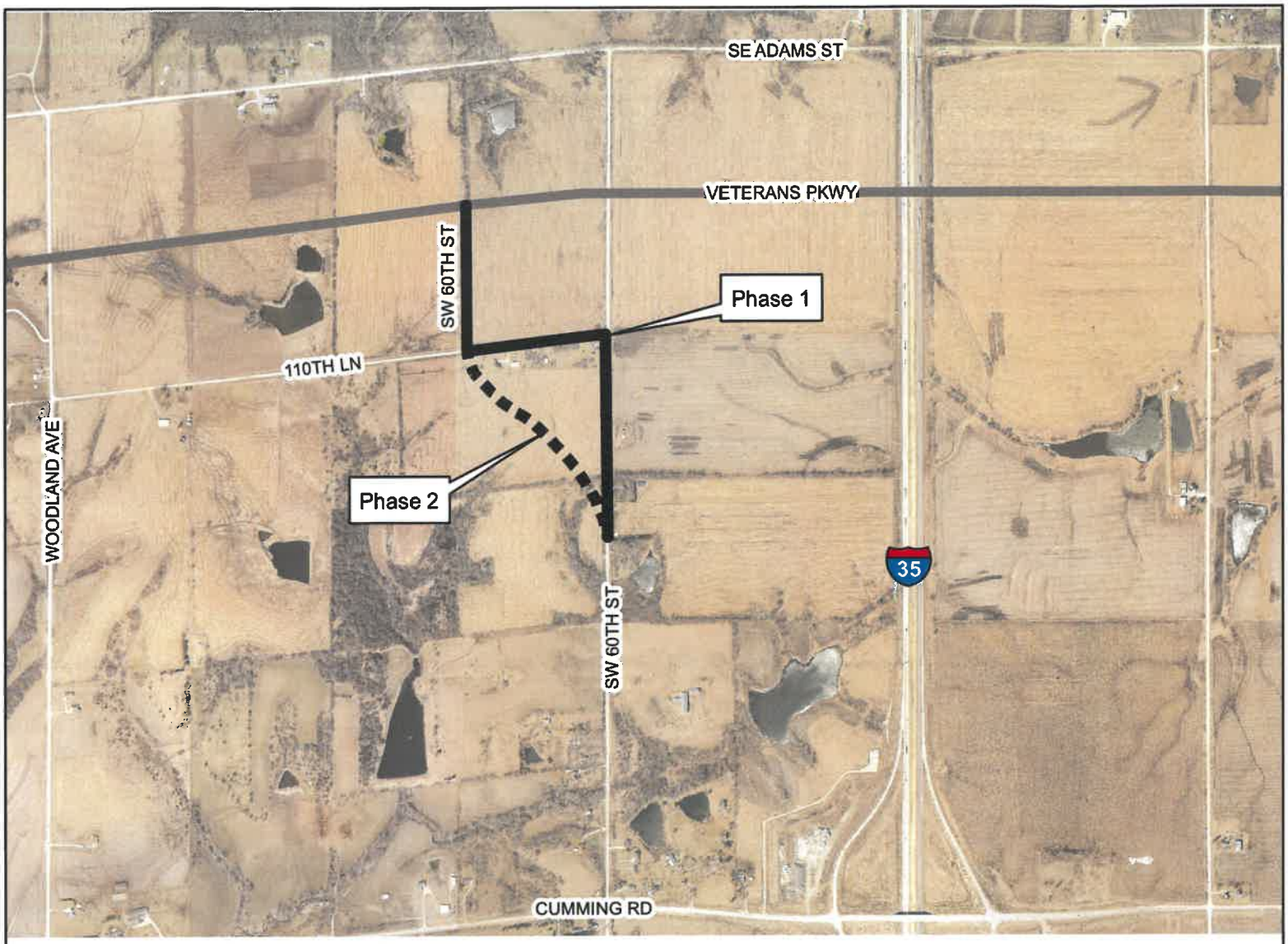
8.1	Painted Pavement Markings, Solvent/Waterborne	STA	30.20	$110.25	$3,329.55	55.78	$6,149.75
8.2	Painted Symbols and Legends, Solvent/Waterborne	EACH	6.00	$89.25	$535.50	12.00	$1,071.00
8.3	Temporary Traffic Control	LS	1.00	$114,000.00	$114,000.00	1.00	$114,000.00
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching, Rescue Plus	ACRE	3.10	$1,805.00	$5,595.50	2.01	$3,628.05
9.2	Conventional Seeding, Seeding, Fertilizing, and Mulching, Type 2	ACRE	3.90	$1,490.00	$5,811.00	2.80	$4,172.00
9.3	SWPPP Preparation	LS	1.00	$2,100.00	$2,100.00	1.00	$2,100.00
9.4	SWPPP Management	LS	1.00	$3,675.00	$3,675.00	1.00	$3,675.00
9.5	Filter Sock, 8"	LF	9,000.00	$1.60	$14,400.00	1,344.00	$2,150.40
9.6	Filter Sock, Removal	LF	9,000.00	$0.10	$900.00		$0.00
9.7	Temporary RECP, Type 2C	SY	4,000.00	$1.25	$5,000.00		$0.00
9.8	Rip Rap, Class E Revetment	TON	125.00	$68.25	$8,531.25	157.67	$10,760.98
9.9	Rip Rap, Erosion Stone	TON	15.00	$54.60	$819.00	97.10	$5,301.66
9.10	Silt Fence or Silt Fence Ditch Check	LF	10,000.00	$1.60	$16,000.00	2,408.00	$3,852.80
9.11	Silt Fence or Silt Fence Ditch Check, Removal of Sediment	LF	10,000.00	$0.05	$500.00		$0.00
9.12	Silt Fence or Silt Fence Ditch Check, Removal of Device	LF	10,000.00	$0.10	$1,000.00	2,408.00	$240.80
9.13	Inlet Protection Device, Sediment Basket	EACH	46.00	$147.00	$6,762.00	43.00	$6,321.00
9.14	Inlet Protection Device, Maintenance	EACH	92.00	$10.50	$966.00	74.00	$777.00
9.15	Inlet Protection Device, Removal	EACH	46.00	$15.75	$724.50		$0.00
11.1	Construction Survey	LS	1.00	$19,950.00	$19,950.00	1.00	$19,950.00
11.2	Maintenance of Postal Service	LS	1.00	$2,390.00	$2,390.00	1.00	$2,390.00
11.3	Maintenance of Solid Waste Collection	LS	1.00	$2,205.00	$2,205.00	1.00	$2,205.00
11.4	Concrete Washout	LS	1.00	$5,000.00	$5,000.00	1.00	$5,000.00
	ITEMS ADDED BY CHANGE ORDER						
7.5	Driveway, Paved, PCC, 7 In.	SY	279	$52.50	$14,647.50		$0.00
12.1	Fitting, 45° Bend, 12"	EACH	2	$1,045.00	$2,090.00	2.00	$2,090.00
12.2	Fitting, Solid Sleeve, 12"	EACH	1	$1,045.00	$1,045.00		$0.00
12.3	9" Pavement Thickness Disincentive (4% Reduction)	SY	5,364.80	-$2.44	-$13,090.11	5,364.80	-$13,090.11
12.4	Removal of Curb	LF	69.00	$12.10	$834.90	69.00	$834.90
12.5	Removal of Paved Driveway	SY	169.00	$13.20	$2,230.80	169.00	$2,230.80
12.6	Regrading and Recompaction of Driveways	LS	1.00	$1,925.00	$1,925.00	1.00	$1,925.00
12.7	Backfill of Curb	LS	1.00	$1,650.00	$1,650.00	1.00	$1,650.00
12.8	Sawcutting	LF	210.00	$6.95	$1,459.50	210.00	$1,459.50
12.9	Additional Survey	LS	1.00	$660.00	$660.00	1.00	$660.00
	Additional Traffic Control	LS	1.00	$495.00	$495.00	1.00	$495.00
				TOTAL	$2,262,269.14		$2,231,185.52

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

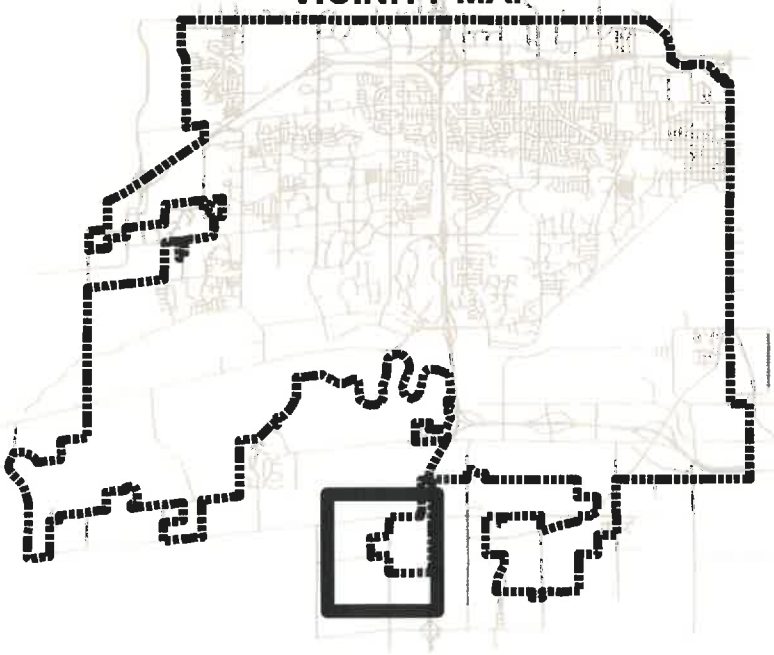
PAY REQUEST SUMMARY		
	Total Approved	Total Completed
Contract Price	$2,248,321.55	$2,231,185.52
Approved Change Order 1	$3,135.00	
Approved Change Order 2	$0.00	
Approved Change Order 3	-$13,090.11	
Approved Change Order 4	$834.90	
Approved Change Order 5	$22,572.80	
Approved Change Order 6	-$30,588.62	
Revised Contract Price	$2,231,185.52	$2,231,185.52
	Materials Stored	$0.00
	Retainage	$0.00
	Liquidated Damages	$0.00
	Total Earned Less Retainage & Liquidated Damages	$2,231,185.52
Total Previously Approved (list each)	Pay Request 1	$14,956.42
	Pay Request 2	$70,556.31
	Pay Request 3	$131,146.36
	Pay Request 4	$94,445.30
	Pay Request 5	$197,051.30
	Pay Request 6	$98,102.80
	Pay Request 7	$37,202.89
	Pay Request 8	$21,715.33
	Pay Request 9	$95,722.61
	Pay Request 10	$179,765.79
	Pay Request 11	$60,657.02
	Pay Request 12	$100,586.44
	Pay Request 13	$40,091.59
	Pay Request 14	$253,312.18
	Pay Request 15	$383,400.70
	Pay Request 16	$106,066.36
	Pay Request 17	$53,860.85
	Pay Request 18	$29,766.30
	Pay Request 19	$39,370.66
	Pay Request 20	$15,020.83
	Pay Request 21	$49,593.32
	Pay Request 22	$43,022.94
	Pay Request 23	$2,180.49
	Pay Request 24	$13,278.38
	Pay Request 25	$85,023.60
	Pay Request 26	$3,699.75
	Total Previously Approved	$2,219,596.52
	Amount Due This Request	**$11,589.00**
	Percent Complete	100%
	Percent of Contract Period Utilized	100%

The amount $11,589.00 is recommended for approval for payment in accordance with the terms of the Contract

Contractor:	**Recommended By:**	**Checked By:** CJC JMS
Concrete Technologies, Inc.	**Snyder & Associates, Inc.**	**City of West Des Moines**
Signature:	Signature:	Signature:
Name: Trent Petersen	**Name: Gabriel Nelson, P.E.**	**Name: Brian J. Hemesath, P.E.**
Title: Project Manager	**Title: Project Engineer**	**Title: City Engineer**
Date:	Date:	Date:



VICINITY MAP



LEGEND

PROJECT LOCATION

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W E
S

THE CITY OF WEST DES MOINES

PROJECT: **SW 60th Street - Phase 1**

LOCATION: **Exhibit "A"**

DRAWN BY: JDR	DATE: 2/12/19	PROJECT: 0510-013-2017	SHT. 1 of 1