CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: November 2, 2020

ITEM:

Resolution - Accepting Work
Veterans Parkway – SE Maffitt Lake Road to SE Adams Street

FINANCIAL IMPACT:

The total construction cost for Veterans Parkway – SE Maffitt Lake Road to SE Adams Street was $4,513,251.09 which was paid from account no. 500.000.000.5250.490 with ultimate funding intended to come from Alluvion Urban Renewal Area TIF. The original cost of the project was $4,378,301.40. There were thirteen (13) Change Orders on the project that totaled $134,949.69.

BACKGROUND:

McAninch Corporation was working under an agreement dated April 16, 2018 for construction services for Veterans Parkway – SE Maffitt Lake Road to SE Adams Street. Work on this project included extending Veterans Parkway from SE Maffitt Lake Road near IA-5 to approximately 1,000 feet southwest of SE Adams Street. The project included grading and drainage improvements to support an ultimate 6-lane urban arterial street and paving of a 3-lane interim section.

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 Veterans Parkway – SE Maffitt Lake Road to SE Adams Street.

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	October 26, 2020		
Recommendation	Yes	No	Split

RESOLUTION ACCEPTING WORK

WHEREAS, on April 16, 2018, the City Council entered into a contract with McAninch Corporation of Des Moines, Iowa, for the following described public improvement:

Veterans Parkway – SE Maffitt Lake Road to SE Adams Street
Project No. 0510-007-2017

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 November 2, 2020; and,

WHEREAS, the City has retained $30,000.00 (0.66%) 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 $4,513,251.09 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $30,000.00, 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 **2nd** day of **November, 2020**.

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

ENGINEERING SERVICES
4200 Mills Civic Parkway
West Des Moines, IA 50265-0320
(515) 222-3620 Fax (515) 273-0602

RETAINAGE

Contractor: **McAninch Corporation**
4001 Delaware Avenue
Des Moines, IA 50313

Project Title	Veterans Parkway Project SE Maffitt Lake Road to Adams St	
WDM Project File Number	0510-007-2017	
Purchase Order Number	2018-00000689	
Orig. Contract Amount & Date	$4,378,301.40	04/16/18
Estimated Completion Date	09/21/19	
Pay Period End Date	10/19/20	
Pay Request Number	Retainage	
Date	~~11/10/20~~ 12/07/20	

BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
2.1	Clearing and Grubbing	LS	1	$ 63 240.00	$63 240.00	1	$63 240.00
2.2	Topsoil, Strip, Salvage and Respread	CY	40,200.0	$ 3.35	$134 670.00	40 200.0	$134 670.00
2.3	Excavation, Class 10	CY	75 000.0	$ 4.35	$326 250.00	75 000.0	$326,250.00
2.4	Class 10, Contractor Furnished Borrow	CY	15 933.0	$ 6.73	$107,229.09	15 933.0	$107,229.09
2.5	Subgrade Preparation, 12"	SY	45 743.2	$ 2.89	$132 197.85	45 743.2	$132 197.85
2.6	Removal of Pipe Culvert, Less Than or Equal to 36"	LF	170.0	$ 18.00	$3,060.00	170.0	$3,060.00
4.1	Storm Sewer, Trenched, RCP 3750D, 15"	LF	2,451.0	$ 54.00	$132 354.00	2 451.0	$132 354.00
4.2	Storm Sewer, Trenched, RCP 3750D, 18"	LF	1 564.0	$ 56.00	$87 584.00	1 564.0	$87 584.00
4.3	Storm Sewer, Trenched, RCP 2000D, 24"	LF	715.0	$ 68.00	$48 620.00	715.0	$48 620.00
4.4	Storm Sewer, Trenched, RCP 2000D, 30"	LF	947.0	$ 87.00	$82 389.00	947.0	$82 389.00
4.5	Storm Sewer, Trenched, RCP 2000D, 36"	LF	233.0	$ 108.00	$25 164.00	233.0	$25 164.00
4.6	Storm Sewer, Trenched, RCP 2000D, 48"	LF	162.0	$ 154.00	$24 948.00	162.0	$24 948.00
4.7	Storm Sewer, Trenched, RCP 2000D, 54"	LF	223.0	$ 186.00	$41 478.00	223.0	$41 478.00
4.8	Storm Sewer, Trenched, RCAP 3000D, 65" x 40"	LF	27.0	$ 373.00	$10 071.00	27.0	$10 071.00
4.9	Pipe Apron, RCP, 15"	EA	2.0	$ 1 242.00	$2,484.00	2.0	$2 484.00
4.10	Pipe Apron, RCP, 24"	EA	1.0	$ 1 546.00	$1 546.00	1.0	$1,546.00
4.11	Pipe Apron, RCP, 30"	EA	4.0	$ 1 748.00	$6 992.00	4.0	$6 992.00
4.12	Pipe Apron, RCP, 36"	EA	1.0	$ 2 321.00	$2 321.00	1.0	$2 321.00
4.13	Pipe Apron, RCP, 48"	EA	1.0	$ 1 875.00	$1 875.00	1.0	$1 875.00
4.14	Pipe Apron, RCP, 54"	EA	1.0	$ 2 080.00	$2 080.00	1.0	$2 080.00
4.15	Pipe Apron, RCAP, 65" x 40"	EA	1.0	$ 2 170.00	$2 170.00	1.0	$2 170.00
4.16	Clean Out Pipe Culvert	LS	1.0	$ 25 987.00	$25 987.00	1.0	$25 987.00
4.17	Subdrain, Type 1 (Longitudinal), PVC 6"	LF	8 043.0	$ 12.24	$98 448.32	8 043.0	$98,448.32
4.18	Subdrain Cleanout, Type A-1	EA	33.0	$ 459.00	$15 147.00	33.00	$15 147.00
4.19	Subdrain Outlet and Connections	EA	34.0	$ 306.00	$10 404.00	34.0	$10 404.00
4.20	Locating Tile Lines	STA	-	$ 420.00	$0.00	-	$0.00
4.21	Subdrain, Tile, 12"	LF	-	$ 27.00	$0.00	-	$0.00
5.1	Water Main, Trenched, PVC, 24" Unrestrained Joint	LF	2 395.0	$ 103.00	$246 685.00	2 395.0	$246 685.00
5.2	Water Main, Trenched, PVC, 24" Restrained Joint	LF	877.0	$ 149.00	$130 673.00	877.0	$130 673.00
5.3	Water Main, Trenched, PVC, 16" Unrestrained Joint	LF	2 195.0	$ 66.00	$144 870.00	2 195.0	$144 870.00
5.4	Water Main, Trenched, PVC, 16" Restrained Joint	LF	879.0	$ 85.00	$74,715.00	879.0	$74,715.00
5.5	Water Main, Trenched, PVC, 12" Restrained Joint	LF	135.0	$ 50.00	$6 750.00	135.0	$6 750.00
5.6	Water Main Fittings, Ductile Iron	LBS	5 433.0	$ 4.50	$24 448.50	5 433.0	$24 448.50
5.7	Valve, DI MJ, Resilient Wedge with Valve Box, 24"	EA	3.0	$ 16 837.00	$50 511.00	3.0	$50 511.00
5.8	Valve, DI MJ, Resilient Wedge with Valve Box, 16"	EA	5.0	$ 5 558.00	$27 790.00	5.0	$27 790.00
5.9	Valve, DI MJ, Resilient Wedge with Valve Box, 12"	EA	1.0	$ 1 965.00	$1 965.00	1.0	$1 965.00
5.10	Tapping Valve Assembly, 16"x16" Sleeve with 16" RW Gate Valve and Box	EA	2.0	$ 15 300.00	$30 600.00	2.0	$30 600.00

5.11	Valve Box Replacement	EA	1.0	$	491.00	$491.00	1.0	$491.00
5.12	Fire Hydrant Assembly	EA	10.0	$	4 782.00	$47 820.00	10.0	$47 820.00
5.13	Fire Hydrant Relocation	EA	1.0	$	1,803.00	$1,803.00	1.0	$1,803.00
5.14	Removal of Water Service	EA	2.0	$	1,788.00	$3,576.00	2.0	$3,576.00
6.1	Intake Type SW-501 Modified	EA	14.0	$	2 635.00	$36 890.00	14.0	$36 890.00
6.2	Intake Type SW-503	EA	14.0	$	4,151.00	$58 114.00	14.0	$58 114.00
6.3	Intake Type SW-503 Modified	EA	2.0	$	6 634.00	$13 268.00	2.0	$13 268.00
6.4	Intake Type SW-505 Modified	EA	2.0	$	4 164.00	$8 328.00	2.0	$8 328.00
6.5A	Intake Type SW-505	EA	1.0	$	3 797.00	$3 797.00	1.0	$3 797.00
6.5B	Intake Type SW-506	EA	1.0	$	6 096.00	$6 096.00	1.0	$6 096.00
6.5C	Intake Type SW-506 Modified	EA	1.0	$	5 519.00	$5 519.00	1.0	$5 519.00
6.6	Intake Type SW-506 Modified 1	EA	1.0	$	26 976.00	$26 976.00	1.0	$26 976.00
6.7	Intake Type SW-506 Modified 2	EA	3.0	$	14 777.00	$44 331.00	3.0	$44 331.00
6.8	Intake Type SW-506 Modified 3	EA	2.0	$	16 450.00	$32 900.00	2.0	$32 900.00
6.9	Intake Type SW-512	EA	1.0	$	1 459.00	$1 459.00	1.0	$1,459.00
6.10	Intake Type SW-513	EA	1.0	$	5 525.00	$5 525.00	1.0	$5,525.00
6.11	Manhole Adjustment Major	EA	2.0	$	2 142.00	$4 284.00	2.0	$4 284.00
6.12	Orifice Plate Furnish and Install	LS	1.00	$	626.00	$626.00	1.0	$626.00
6.13	Storm Sewer Plug	EA	1.0	$	411.00	$411.00	1.0	$411.00
7.1	Pavement PCC 10"	SY	306.7	$	60.00	$18 402.00	306.7	$18 402.00
7.2	Pavement PCC 9" Reinforced	SY	26 109.4	$	40.50	$1 057 430.70	26 109.4	$1 057 430.70
7.3	Pavement PCC 8" Reinforced	SY	1 576.0	$	53.00	$83 528.00	1 576.0	$83 528.00
7.4	Pavement PCC 7" Reinforced	SY	1 593.5	$	49.00	$78 081.50	1 593.5	$78 081.50
7.5	Concrete Median	SY	-	$	82.50	$0.00	-	$0.00
7.6	PCC Pavement Samples and Testing	LS	1.0	$	3 770.00	$3 770.00	1.0	$3 770.00
7.7	Temporary Pavement 6"	SY	571.0	$	50.50	$28 835.50	571.0	$28 835.50
7.8	Shared Use Path Recreational Trail PCC 6" Reinforced	SY	455.3	$	38.00	$17 301.40	455.3	$17 301.40
7.9	Special Subgrade Preparation for Shared Use Path	SY	546.4	$	2.30	$1 256.72	546.4	$1 256.72
7.10	Detectable Warning	SF	60.0	$	41.00	$2 460.00	60.0	$2 460.00
7.11	Driveway Paved PCC 6"	SY	361.2	$	44.00	$15 892.80	361.2	$15 892.80
7.12	Pavement Removal	SY	5 500.0	$	7.00	$38 500.00	5 500.0	$38 500.00
7.13	Engineering Fabric	SY	110.0	$	3.20	$352.00	110.0	$352.00
7.14	Granular Roadway Class "A" Crushed Stone	TON	1 628.85	$	24.50	$39 906.83	1 628.85	$39 906.83
7.15	Granular Shoulder	TON	133.38	$	30.50	$4 068.09	133.38	$4 068.09
7.16	Cold Weather Protection PCC Paving	SY	-	$	9.70	$0.00	-	$0.00
8.1	Painted Pavement Markings Solvent/Waterborne	STA	197.57	$	35.70	$7 053.25	197.57	$7 053.25
8.2	Painted Symbols and Legends Solvent/Waterborne	EA	26.0	$	97.00	$2 522.00	26.0	$2 522.00
8.3	Pavement Markings Removed	STA	0.97	$	56.00	$54.32	0.97	$54.32
8.4	Traffic Control	LS	1.0	$	120 800.00	$120 800.00	1.0	$120 800.00
8.5	Temporary Traffic Signal	EA	1.0	$	15,300.00	$15 300.00	1.0	$15,300.00
8.6	Safety Closure	EA	4.0	$	102.00	$408.00	4.0	$408.00
8.7	Flaggers	DAY	1.25	$	400.00	$500.00	1.25	$500.00
9.1	Seeding and Fertilizing Urban	AC				$0.00	-	$0.00
9.2	Seeding and Fertilizing Rural	AC	16.0	$	689.00	$11 024.00	16.0	$11 024.00
9.3	Stabilize Crop Seeding and Fertilizing	AC	-	$	153.00	$0.00	-	$0.00
9.4	Mulching	AC	46.0	$	459.00	$21 114.00	46.0	$21 114.00
9.5	Roadside Spray for Weed Control	AC	-	$	281.00	$0.00	-	$0.00
9.6	SWPPP Management	LS	1.0	$	4,590.00	$4 590.00	1.0	$4 590.00
9.7	Wattle, Straw 12"	LF	1 640.0	$	2.24	$3 673.60	1 640.0	$3 673.60
9.8	Wattle Removal	LF	1 640.0	$	0.20	$328.00	1 640.0	$328.00
9.9	Rip Rap Erosion Stone	TON	159.95	$	38.00	$6 078.10	159.95	$6 078.10
9.10	Rip Rap Class E	TON	327.27	$	48.50	$15 872.60	327.27	$15 872.60
9.11	Silt Fence	LF	7 005.0	$	1.53	$10 717.65	7 005.0	$10 717.65

9.12	Silt Fence Ditch Check	LF	50.0	$ 1.53	$76.50	50.0	$76.50
9.13	Silt Fence and Silt Fence for Ditch Check, Removal of Sediment	LF	-	$ 0.10	$0.00	-	$0.00
9.14	Silt Fence and Silt Fence for Ditch Check, Removal of Device	LF	7,055.0	$ 0.20	$1,411.00	7,055.0	$1,411.00
9.15	Turf Reinforcement Mats, Type I	SQ	-	$ 66.00	$0.00	-	$0.00
9.16	Inlet Protection Device, Drop In	EA	32.0	$ 153.00	$4,896.00	32.0	$4,896.00
9.17	Inlet Protection Device, Maintenance	EA	20.0	$ 15.00	$300.00	20.0	$300.00
9.18	Removal and Reinstallation of Existing Fence, Wood	LF	-	$ 30.00	$0.00	-	$0.00
9.19	Temporary Fence	LF	1,319.0	$ 8.15	$10,749.85	1,319.0	$10,749.85
10.1	Demolition Work	LS	1	$ 61,900.00	$61,900.00	1	$61,900.00
10.2	Abandon Well	EA	1.0	$ 2,950.00	$2,950.00	1.0	$2,950.00
11.1	Construction Survey	LS	1	$ 26,500.00	$26,500.00	1.0	$26,500.00
11.2	Maintenance of Postal Service	LS	1	$ 1,020.00	$1,020.00	1	$1,020.00
11.3	Maintenance of Solid Waste Collection	LS	-	$ 6,410.00	$0.00	-	$0.00
11.4	Concrete Washout	LS	1	$ 2,450.00	$2,450.00	1.0	$2,450.00
CO1.1	Demolition Work	LS	1	$ 59,000.00	$59,000.00	1	$59,000.00
CO1.2	Septic Tank removal	LS	1	$ 19,400.00	$19,400.00	1	$19,400.00
CO1.3	Relocation Assistance, Smith Meats Property	LS	1	$ 70,000.00	$70,000.00	1	$70,000.00
CO1.4	Asbestos Abatement	LS	1	$ 1,550.00	$1,550.00	1	$1,550.00
CO2.1	Building Demolition and Disposal	LS	1	$ 26,950.00	$26,950.00	1	$26,950.00
CO2.2	Septic Tank Removal	LS	1	$ 3,850.00	$3,850.00	1	$3,850.00
CO2.3	Backfill Basement	LS	1	$ 6,400.00	$6,400.00	1	$6,400.00
CO3.1	Asbestos Abatement (1875 SE County Line Rd.)	LS	1	$ 8,596.25	$8,596.25	1	$8,596.25
CO4.1	Unsuitable Material Removal	LS	1	$ 23,879.00	$23,879.00	1	$23,879.00
CO6.1	Fill Material for Smith Meats Property	CY	-	$ -	$0.00	-	$0.00
CO6.2	Rescue Plus Urban Seed	AC	4.5	$ 1,320.00	$5,940.00	4.5	$5,940.00
CO6.3	Erosion Control Blanket	SY	333	$ 3.96	$1,318.68	333	$1,318.68
CO6.4	Extend Final Completion Date for PCC Paving, Grading and Topsoil Respread to June 29, 2019		-		$0.00	-	$0.00
CO6.5	Extend Final Completion Date for Project to September 14, 2019		-		$0.00	-	$0.00
CO8.1	Extend Completion Date to July 27, 2019 to Include all Paving, General Grading, Topsoil Respread and Roads Open to Traffic. The Final Restoration and Punchlist Items will be Completed by September 21, 2019.		-		$0.00	-	$0.00
			-		$0.00	-	$0.00
CO9.1	Extend Final Completion Date for PCC Paving, Grading and Topsoil Respread to October 1, 2019.		-		$0.00	-	$0.00
CO9.2	Pavement, PCC, 12"	SY	1,200	$ 76.50	$91,800.00	1,200	$91,800.00
CO9.3	Pavement Removal, 12" Thick	SY	1,200	$ 8.40	$10,080.00	1,200	$10,080.00
CO9.4	4" PCC Median Cap (CO#12)	SY	171	$ 75.00	$12,825.00	171	$12,825.00
CO9.5	Placement of Granular Material	LS	1	$ 2,000.00	$2,000.00	1	$2,000.00
CO9.6	Groundwater Wick Trench	LS	1	$ 3,306.00	$3,306.00	1	$3,306.00
CO9.7	Hickenbottom Standpipe	EA	2	$ 1,001.00	$2,002.00	2	$2,002.00
CO9.8	6" Subdrain	LF	175	$ 31.00	$5,425.00	175	$5,425.00
CO9.9	Erosion Stone	TON	17	$ 38.00	$646.00	17	$646.00
CO9.10	Liquidated Damages	DAY	9	(500.00)	($4,500.00)	9	-$4,500.00
CO11.1	Correct Mathematical Error of Unit Price for Item 9.14	LF		$ -	$0.00	-	$0.00
CO13.1	Overseed and Fertilize (Rescue Plus Seed)	AC	7	1,540.00	$10,780.00	7	$10,780.00
				TOTAL	$4,513,251.09		$4,513,251.09

MATERIALS STORED SUMMARY							
			Description	# of Units	Unit Price	Extended Cost	
		5.1	Water Main, Trenched, PVC, 24" Unrestrained Joint	-	59.00		-
		5.2	Water Main, Trenched, PVC, 24" Restrained Joint	-	110.25		-
		5.3	Water Main, Trenched, PVC, 16" Unrestrained Joint	-	26.75		-
		5.4	Water Main, Trenched, PVC, 16" Restrained Joint	-	47.75		-
		5.5	Water Main, Trenched, PVC, 12" Restrained Joint	-	27.25		-
		5.7	Valve, DI MJ, Resilient Wedge with Valve Box, 24"	-	15,450.00		-

		5.8	Valve, DI MJ, Resilient Wedge with Valve Box, 16"	-	4,685.00		-
		5.9	Valve, DI MJ, Resilient Wedge with Valve Box, 12"	-	1,529.00		-
		5.10	Tapping Valve Assembly, 16"x16" Sleeve with 16" RW Gate Valve and Box	-	4,250.00		-
		5.12	Fire Hydrant Assembly	-	2,241.66		-
		7.2	Pavement, PCC, 9" Reinforced (Steel)				-
			Miscellaneous Pipe Fittings	-	41,076.92		-
							$0.00
							$0.00
					TOTAL		$0.00

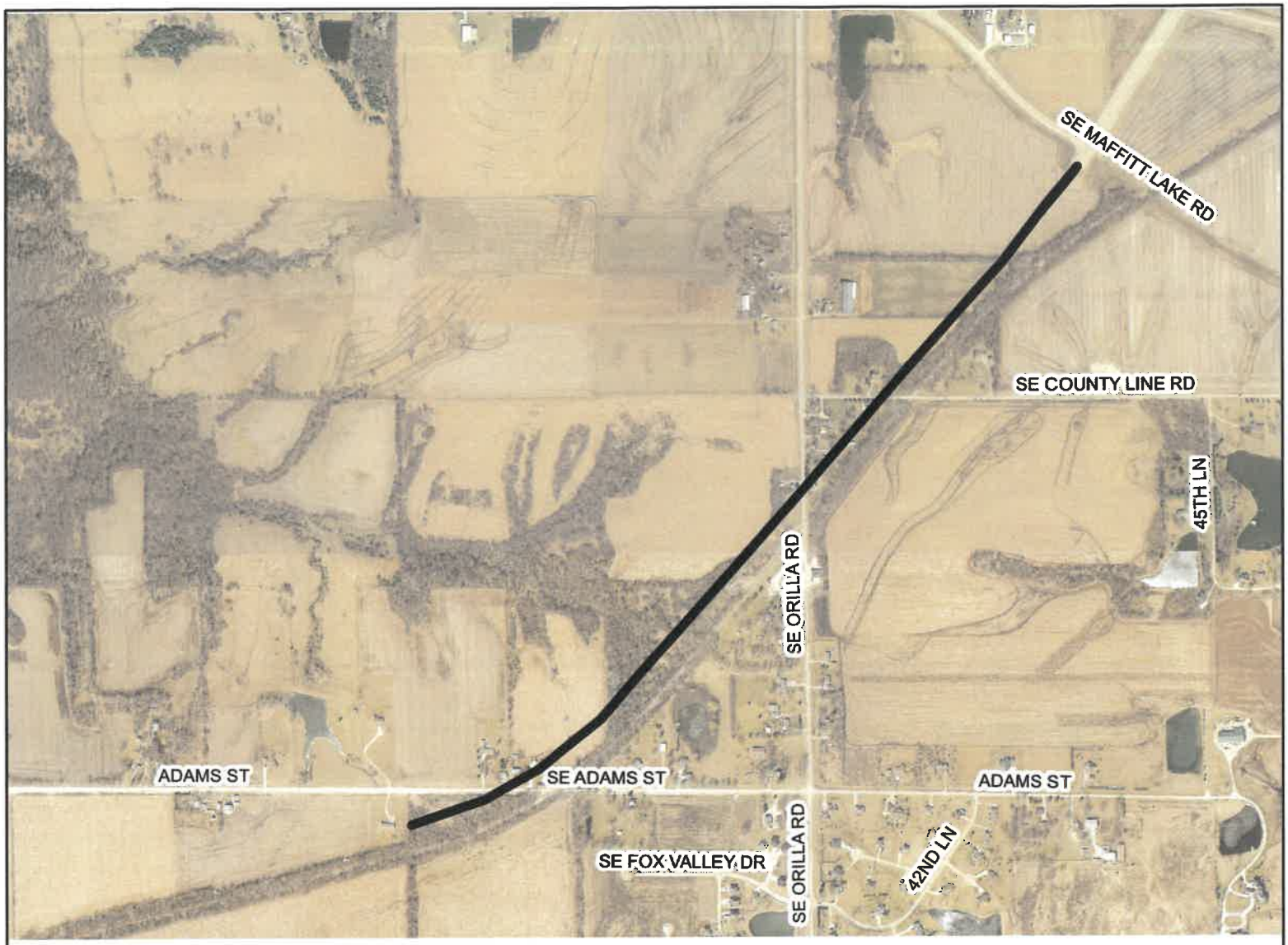
PAY REQUEST SUMMARY		
	Total Approved	Total Completed
Contract Price	$4,378,301.40	$4,513,251.09
Approved Change Order 1	$149,950.00	
Approved Change Order 2	$37,200.00	
Approved Change Order 3	$8,595.25	
Approved Change Order 4	$24,691.04	
Approved Change Order 5	$271,774.60	
Approved Change Order 6	($117,308.77)	
Approved Change Order 7	$7,358.50	
Approved Change Order 8	$0.00	
Approved Change Order 9	$15,359.00	
Approved Change Order 10	($280,122.83)	
Approved Change Order 11	($530.10)	
Approved Change Order 12	$7,200.00	
Approved Change Order 13	$10,760.00	
Revised Contract Price	$4,513,251.09	$4,513,251.09
	Materials Stored	$0.00
	Retainage (5% of Completed Work)	$0.00
	Total Earned Less Retainage	$4,513,251.09

Total Previously Approved (list each)		
	Pay Request 1	$53,564.04
	Pay Request 2	$195,567.59
	Pay Request 3	$94,752.37
	Pay Request 4	$567,932.18
	Pay Request 5	$438,646.55
	Pay Request 6	$474,637.35
	Pay Request 7	$499,468.38
	Pay Request 8	$119,527.46
	Pay Request 9	$103,751.56
	Pay Request 10	$9,287.86
	Pay Request 11	$30,706.98
	Pay Request 12	$31,090.17
	Pay Request 13	$232,831.47
	Pay Request 14	$297,997.42
	Pay Request 15	$105,069.19
	Pay Request 16	$421,931.81
	Pay Request 17	$211,285.23
	Pay Request 18	$74,842.95
	Pay Request 19	$152,124.32
	Pay Request 20	$74,105.31
	Pay Request 21	$22,580.55

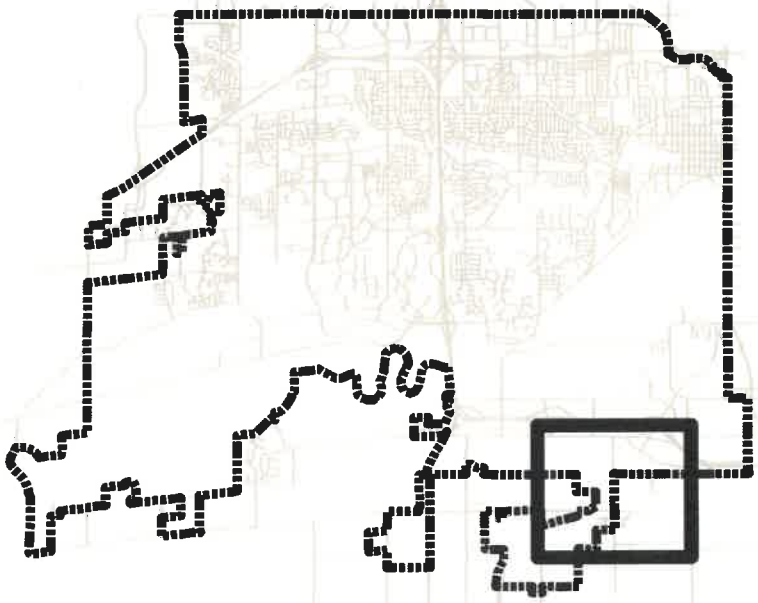
Pay Request 22	$100,070.48	
Partial Retainage	$92,009.79	
Pay Request 23	$61,440.08	
Pay Request 24	$7,200.00	
Pay Request 25	$10,760.00	
	Total Previously Approved	$4,483,251.09
	Amount Due This Request	$30,000.00
	Percent Complete	100%
	Percent of Contract Period Utilized	100%

The amount $30,000.00 is recommended for approval for payment in accordance with the terms of the Contract

Contractor:	**Recommended By:**	**Checked By:** CJC
McAninch Corporation	**H.R. Green, Inc.**	**City of West Des Moines**
Signature:	**Signature:**	**Signature:**
Name: Cody Malloy	**Name: Casey Patton, P.E.**	**Name: Brian Hemsath, P.E.**
Title: Project Manager	**Title: Project Manager**	**Title: City Engineer**
Date	Date	Date: 10 · 12 · 20



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES	PROJECT:	**Veterans Parkway**		
	LOCATION:	**SE Maffitt Lake Road to Adams Street**		
	DRAWN BY: JDR	DATE: 8/31/16	PROJECT: 0510-007-2017	SHT. 1 of 1