CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: December 7, 2020

ITEM:

Resolution - Accepting Work
27th & Vine Culvert Reconstruction

FINANCIAL IMPACT:

The total construction cost for the 27th & Vine Culvert Reconstruction was $736,409.93 which was paid from account no. 660.000.000.5250.490 with ultimate funding intended to come from Stormwater Fee Revenue and the ultimate funding for the 27th Street pavement replacement intended to come from Road Use Tax. The original cost of the project was $677,073.86. There were four (4) Change Orders on the project that totaled $59,336.07.

BACKGROUND:

Jenco Construction, Inc. was working under an agreement dated March 4, 2019 for construction services for the 27th & Vine Culvert Reconstruction. Work on this project included the removal of an existing 72-inch storm sewer along Fairmeadows Creek under 27th Street just south of Vine Street and replacing it with a dual 8'x6' reinforced concrete box (RCB) culvert. The project also included pavement reconstruction of 27th Street from Vine Street to Meadow Lane.

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 27th & Vine Culvert Reconstruction.

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 4, 2019, the City Council entered into a contract with Jenco Construction, Inc. of Des Moines, Iowa, for the following described public improvement:

27th & Vine Culvert Reconstruction
Project No. 0510-045-2018

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 5% 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 $736,409.93 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $36,820.50, 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

RETAINAGE

Contractor: **Jenco Construction Inc.**
6804 NW 2nd ST.
Des Moines, Iowa 50313

Project Title	27TH Street & Vine Street Box Construction	
WDM Project File Number	0510-045-2018	
Purchase Order Number	2019-00000612	
Orig. Contract Amount & Date	$677,073.86	03/04/19
Estimated Completion Date	September 20, 2019	
Pay Period	1/21/2020 - 10/02/2020	
Pay Request Number	Retainage	
Date	January 4, 2021	

BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
1	REMOVALS, AS PER PLAN	LS	1	$146,500.00	$146,500.00	1.00	$146,500.00
2	CLEARING AND GRUBBING	LS	1	$12,500.00	$12,500.00	1.00	$12,500.00
3	TOPSOIL, ON-SITE	LS	1	$3,000.00	$3,000.00	1.00	$3,000.00
4	SUBGRADE PREPARATION, 12 IN	SY	803	$6.00	$4,818.00	803.00	$4,818.00
5	SUBBASE MODIFIED, 6 IN	SY	803	$11.00	$8,833.00	803.00	$8,833.00
6	REMOVAL OF STORM SEWER, LESS THAN OR EQUAL TO 36 IN.	LF	34	$20.00	$680.00	34.00	$680.00
7	REMOVAL OF STORM SEWER, GREATER THAN TO 36 IN.	LF	261	$25.00	$6,525.00	261.00	$6,525.00
8	STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN.	LF	33	$51.40	$1,696.20	33.00	$1,696.20
9	STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN.	LF	49	$80.80	$3,959.20	49.00	$3,959.20
10	STORM SEWER, TRENCHED, RCP, CLASS III, 36 IN.	LF	30	$160.20	$4,806.00	30.00	$4,806.00
11	APRON, CONCRETE, 36 IN.	EA	1	$4,949.00	$4,949.00	1.00	$4,949.00
12	SUBDRAIN, LONGITUDINAL, (SHLD) 6 IN.	LF	340	$15.00	$5,100.00	340.00	$5,100.00
13	SUBDRAIN CLEANOUT	EA	4	$300.00	$1,200.00	4.00	$1,200.00
14	SUBDRAIN, OUTLETS AND CONNECTIONS	EA	4	$300.00	$1,200.00	4.00	$1,200.00
15	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	88	$69.00	$6,072.00	88.00	$6,072.00
16	WATER MAIN, CONNECTION TO EXISTING MAIN	EA	2	$1,000.00	$2,000.00	2.00	$2,000.00
17	MANHOLE, STORM SEWER, SW-402, 6' x 6'	EA	1	$13,645.00	$13,645.00	1.00	$13,645.00
18	INTAKE, SW-509	EA	2	$11,206.00	$22,412.00	2.00	$22,412.00
19	MANHOLE ADJUSTMENT, SANITARY, MINOR	EA	1	$500.00	$500.00	1.00	$500.00
20	PAVEMENT, PCC, 8 IN. REINFORCED	SY	673	$89.00	$59,897.00	673.00	$59,897.00
21	REMOVAL OF SIDEWALK	SY	112	$10.00	$1,120.00	112.00	$1,120.00
22	SIDEWALK, PCC, 4 IN.	SY	112	$72.50	$8,120.00	112.00	$8,120.00
23	DETECTABLE WARNINGS	SF	8	$35.00	$280.00	8.00	$280.00
24	DRIVEWAY, PCC, 7 IN.	SY	22	$75.00	$1,650.00	22.00	$1,650.00
25	PAVEMENT REMOVAL	SY	704	$8.50	$5,984.00	704.00	$5,984.00
26	TRAFFIC CONTROL	LS	1	$4,400.00	$4,400.00	1.00	$4,400.00
27	HYDRAULIC SEEDING, FERTILIZING, TYPE 1	AC	0.30	$6,000.00	$1,800.00	0.30	$1,800.00
28	HYDRAULIC SEEDING, FERTILIZING, TYPE 4	AC	0.60	$500.00	$300.00	0.60	$300.00
29	FILTER SOCK, 6 IN.	LF	1,030	$1.50	$1,545.00	1,030.00	$1,545.00
30	FILTER SOCK, REMOVAL	LF	1,030	$0.20	$206.00	1,030.00	$206.00
31	TEMPORARY RECP, TYPE 2C	SY	1050	$1.35	$1,417.50	1,050.00	$1,417.50
32	RIP-RAP, CLASS B	TON	485	$57.45	$27,863.25	485.00	$27,863.25
33	SILT FENCE OR SILT FENCE DITCH CHECK	LF	750	$1.50	$1,125.00	750.00	$1,125.00
34	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIME	LF	375	$0.50	$187.50	375.00	$187.50
35	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	750	$0.20	$150.00	750.00	$150.00
36	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0.90	$2,750.00	$2,475.00	0.90	$2,475.00
37	INLET PROTECTION DEVICE, OPEN-THROAT CURB	EA	2	$150.00	$300.00	2.00	$300.00
38	INLET PROTECTION DEVICE, MAINTENANCE	EA	4	$25.00	$100.00	4.00	$100.00

39	GABIONS, GALVANIZED, DOUBLE TWISTED WIRE BASKETS	CY	141	$150.00	$21,150.00	141.00	$21,150.00
40	CHAIN LINK FENCE, 42 IN.	LF	243	$16.20	$3,936.60	243.00	$3,936.60
41	CHAIN LINK FENCE, 72 IN.	LF	135	$43.10	$5,818.50	135.00	$5,818.50
42	GATES, CHAIN LINK, 42 IN.	EA	1	$300.00	$300.00	1.00	$300.00
43	REMOVAL OF FENCE	LF	428	$3.00	$1,284.00	428.00	$1,284.00
44	CONSTRUCTION SURVEY	LS	1	$6,000.00	$6,000.00	1.00	$6,000.00
45	CONCRETE WASHOUT	LS	1	$900.00	$900.00	1.00	$900.00
46	SPECIAL BACKFILL	CY	139	$35.00	$4,865.00	139.00	$4,865.00
47	FLOODED BACKFILL	CY	152	$25.00	$3,800.00	152.00	$3,800.00
48	EXCAVATION, CLASS 20	CY	2381	$23.81	$56,691.61	2,381.00	$56,691.61
49	STRUCTURAL CONCRETE (RCB)	CY	240	$600.00	$144,000.00	240.00	$144,000.00
50	REINFORCING STEEL	LB	32725	$1.50	$49,087.50	32,725.00	$49,087.50
51	TEMPORARY STREAM DIVERSION	EA	1	$5,000.00	$5,000.00	1.00	$5,000.00
52	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	21	$100.00	$2,100.00	21.00	$2,100.00
53	FLOWABLE FILL	CY	25	$113.00	$2,825.00	25.00	$2,825.00
CHANGE ORDER #1							
CO.1-48A	EXCAVATION, CLASS 20	CY	(940)	$23.81	$22,381.40	(940.00)	($22,381.40)
CO.1-54	EXCAVATION, UNCLASSIFIED	CY	940	$83.34	$78,334.90	940.00	$78,334.90
CHANGE ORDER #2							
CO-2.1	STORM INTAKE ADJUSTMENT	EA	1	$2,100.00	$2,100.00	1.00	$2,100.00
CHANGE ORDER #3							
CO.3-1	SOD	SQ	172	$80.00	$13,760.00	172.00	$13,760.00
CO.3-2	WATERING FOR SOD	EA	12	$500.00	$6,000.00	12.00	$6,000.00
CO.3-27A	HYDRAULIC SEEDING, FERTILIZING, TYPE 1	AC	(0.3)	$6,000.00	($1,800.00)	(0.30)	(1,800.00)
CO.3-28A	HYDRAULIC SEEDING, FERTILIZING, TYPE 4	AC	(0.6)	$500.00	($300.00)	(0.60)	(300.00)
CO.3-31A	TEMPORARY RECP, TYPE 2C	SY	(1050)	$1.35	($1,417.50)	(1,050.00)	(1,417.50)
CO.3-36A	EROSION CONTROL MULCHING, HYDROMULCHING	AC	(0.9)	$2,750.00	($2,475.00)	(0.90)	(2,475.00)
CHANGE ORDER #4							
4A	REMOVAL OF STORM SEWER, GREATER THAN TO 36 IN.	LF	20.00	$25.00	$500.00	20.00	500.00
10A	STORM SEWER, TRENCHED, RCP, CLASS III, 36 IN.	LF	16.00	$160.20	$2,563.20	16.00	2,563.20
20A	PAVEMENT, PCC, 8 IN. REINFORCED	SY	3.40	$89.00	$302.60	3.40	302.60
25A	PAVEMENT REMOVAL	SY	3.40	$8.50	$28.90	3.40	28.90
29A	FILTER SOCK, 6 IN.	LF	(1030.0)	$1.50	($1,545.00)	(1,030.00)	(1,545.00)
30A	FILTER SOCK, REMOVAL	LF	(1030.0)	$0.20	($206.00)	(1,030.00)	(206.00)
32A	RIP-RAP, CLASS B	TON	(8.8)	$57.45	($506.13)	(8.81)	(506.13)
33A	SILT FENCE OR SILT FENCE DITCH CHECK	LF	(750.0)	$1.50	($1,125.00)	(750.00)	(1,125.00)
34A	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIME	LF	(375.0)	$0.50	($187.50)	(375.00)	(187.50)
35A	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	(750.0)	$0.20	($150.00)	(750.00)	(150.00)
37A	INLET PROTECTION DEVICE, OPEN-THROAT CURB	EA	(2.0)	$150.00	($300.00)	(2.00)	(300.00)
38A	INLET PROTECTION DEVICE, MAINTENANCE	EA	(4.0)	$25.00	($100.00)	(4.00)	(100.00)
46A	SPECIAL BACKFILL	CY	53.50	$35.00	$1,872.50	53.50	1,872.50
47A	FLOODED BACKFILL	CY	30.00	$25.00	$750.00	30.00	750.00
53A	FLOWABLE FILL	CY	(25.0)	$113.00	($2,825.00)	(25.00)	(2,825.00)
CO.3-1	SOD	SQ	(140.0)	$80.00	($11,200.00)	(140.00)	(11,200.00)
CO.3-2	WATERING FOR SOD	EA	(11.0)	$500.00	($5,500.00)	(11.00)	(5,500.00)
CO.4-27A	HYDRAULIC SEEDING, FERTILIZING, TYPE 1	AC	0.30	$6,000.00	$1,800.00	0.30	1,800.00
CO.4-31A	TEMPORARY RECP, TYPE 2C	SY	1,050.00	$1.35	$1,417.50	1,050.00	1,417.50
CO.4-36A	EROSION CONTROL MULCHING, HYDROMULCHING	AC	0.70	$2,750.00	$1,925.00	0.70	1,925.00
				TOTAL	$736,409.93		$736,409.93

MATERIALS STORED SUMMARY

			Description	# of Units	Unit Price	Extended Cost
						$0.00
						$0.00
					TOTAL	$0.00

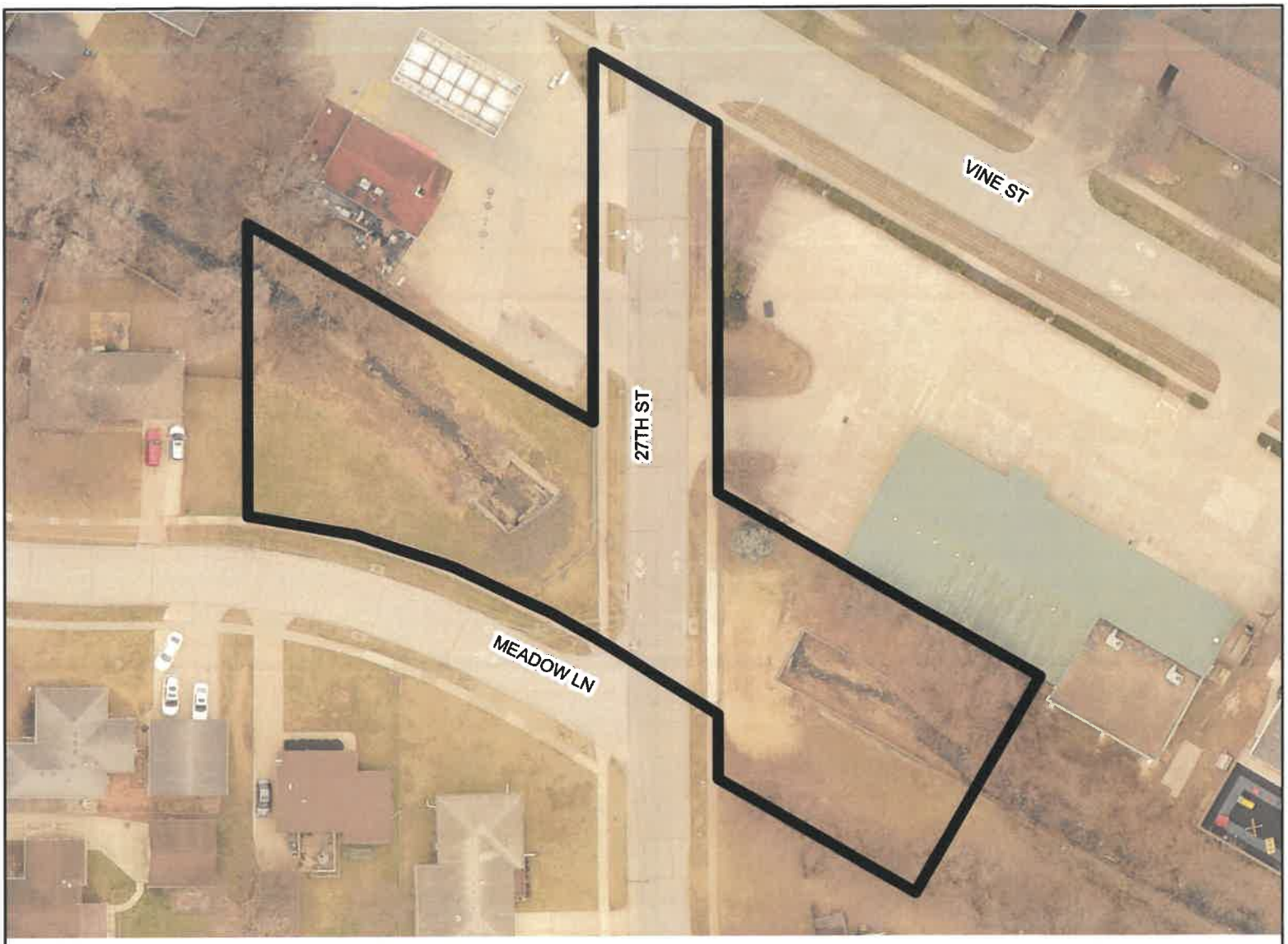
PAY REQUEST SUMMARY		
	Total Approved	Total Completed
Contract Price	$677,073.86	$736,409.93
Approved Change Order 1	$55,953.50	
Approved Change Order 2	$2,100.00	
Approved Change Order 3	$13,767.50	
Approved Change Order 4	($12,484.93)	
Revised Contract Price	$736,409.93	$736,409.93
	Materials Stored	$0.00
	Retainage (5%)	$0.00
	Liquidated Damages	
	Total Earned Less Retainage	$736,409.93

Total Previously Approved (list each)		
	Pay Request 1	$94,317.90
	Pay Request 2	$106,542.70
	Pay Request 3	$84,190.42
	Pay Request 4	$138,533.85
	Pay Request 5	$53,654.10
	Pay Request 6	$73,132.99
	Pay Request 7	$21,217.18
	Pay Request 8	$27,925.96
	Pay Request 9	$76,366.47
	Pay Request 10	$11,515.18
	Pay Request 11	$12,192.68

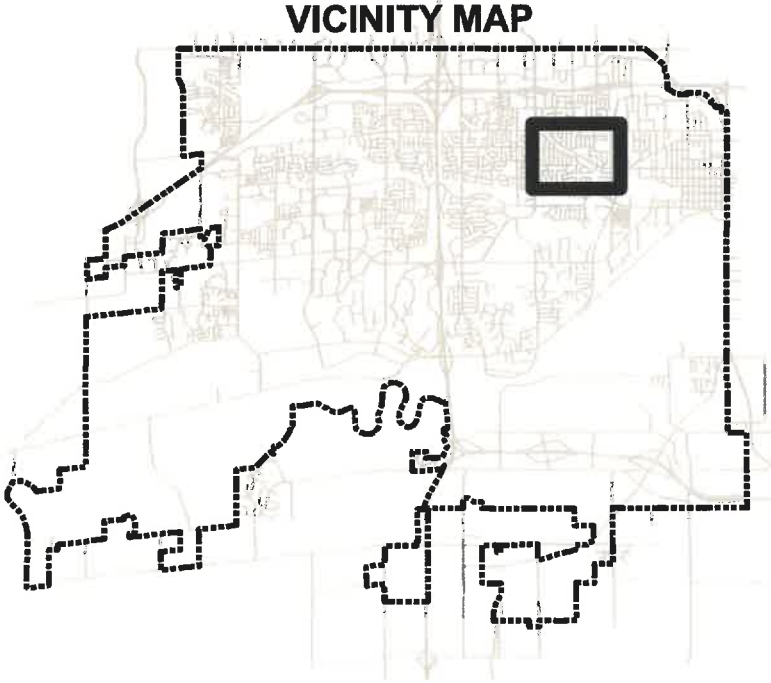
Total Previously Approved	$699,589.43
Amount Due This Request	**$36,820.50**
Percent Complete	100%
Percent of Contract Period Utilized	100%

The amount $36,820.50 is recommended for approval for payment in accordance with the terms of the Contract

Contractor:	Recommended By:	Checked By: CJC JMS
Jenco Construction	Shive-Hattery	City of West Des Moines
Signature:	Signature:	Signature:
Name: Hertuf Jensen	Name: Nathan Hardisty, P.E.	Name: Brian Hemesath, P.E.
Title: President	Title: Project Manager	Title: City Engineer
Date:	Date:	Date:



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT:	**27th and Vine Culvert Reconstruction**		
LOCATION:	**Exhibit "A"**		
DRAWN BY: JDR	DATE: 1/30/2019	PROJECT NUMBER/NAME: 0510-045-2018	SHT. 1 of 1