CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: October 4, 2021

ITEM:

Resolution - Accepting Work
Digital Enterprise Network Segment 2 Arterial Conduit Deployment
0510-058-2020

FINANCIAL IMPACT:

The total construction cost for the Digital Enterprise Network Segment 2 Arterial Conduit Deployment was $843,802.15 which was paid from account no. 670.000.000.5250.490 with ultimate funding intended to come from General Obligation Bonds. The original cost of the project was $711,111.11. There were three (3) Change Orders on the project that totaled $132,691.04.

BACKGROUND:

TD&I Cable Maintenance, Inc. was working under an agreement dated January 19, 2021, for construction services for the Digital Enterprise Network Segment 2 Arterial Conduit Deployment. Work on this project includes the installation of a multi-user fiber conduit network within public right-of-way to support the connection of every residence and business wishing to connect. The project involved installation of City provided vaults and conduit. This project also involved supplying and installing tracer wire, test stations and other ancillary items required for a complete and functional conduit network for the future installation of fiber optic cables.

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 Digital Enterprise Network Segment 2 Arterial Conduit Deployment.

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 ACCEPTING WORK

WHEREAS, on January 19, 2021, the City Council entered into a contract with TD&I Cable Maintenance, Inc. of Lakeland, Minnesota, for the following described public improvement:

Digital Enterprise Network Segment 2 Arterial Conduit Deployment
Project No. 0510-058-2020

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 October 4, 2021; 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 $843,802.15 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $43,330.11, 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 **4th** day of **October, 2021**.

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

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

West Des Moines

PAY REQUEST

Contractor: **TD&I Cable Maintenance, Inc.**
PO Box 266
Lakeland, MN. 55043
(715) 690-2220

Project Title	SEGMENT 2 ARTERIAL CONDUIT DEPLOYMENT	
WDM Project File Number	0510-058-2020	
Purchase Order Number		
Orig. Contract Amount & Date	$711,111.11	01/19/21
Estimated Completion Date	09/01/21	
Pay Period End Date	9/24/21	
Pay Request Number	Retainage	
Date	09/27/21	

BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
1	TRAFFIC CONTROL	LS	1.00	$15,000.00	$15,000.00	1.00	$15,000.00
2	SURVEY	LS	1.00	$25,000.00	$25,000.00	1.00	$25,000.00
3	AS-BUILTING	LS	1.00	$15,000.00	$15,000.00	1.00	$15,000.00
4	EROSION CONTROL	LS	1.00	$12,500.00	$12,500.00	1.00	$12,500.00
5	CONDUIT, FUNISH & INSTALL 7-WAY MICRODUCT	LF	26,170	$13.70	$358,529.00	26,013.00	$356,378.10
6	CONDUIT, FUNISH & INSTALL 1.5" ORANGE	LF	20,754	$1.95	$40,470.30	17,820.00	$34,749.00
7	CONDUIT, FUNISH & INSTALL 1.5" BLUE	LF	20,754	$1.95	$40,470.30	18,387.00	$35,854.65
8	CONDUIT, FUNISH & INSTALL 1.0" BLUE STRIPE	LF	72836.00	$1.68	$122,364.48	72,620.00	$122,001.60
9	VAULT, FURNISH & INSTALL, EXTRA LARGE VAULT	EACH	1.00	$1,666.00	$1,666.00	1.00	$1,666.00
10	VAULT, INSTALL ONLY, LARGE RECTANGULAR VAULT	EACH	25	$666.00	$16,650.00	23.00	$15,318.00
11	VAULT, INSTALL ONLY, LARGE ROUND VAULT	EACH	50	$666.00	$33,300.00	48.00	$31,968.00
12	VAULT, INSTALL ONLY, MEDIUM ROUND VAULT	EACH	12	$566.00	$6,792.00	14.00	$7,924.00
13	EQUIPMENT, FURNISH & INSTALL, TEST STATION	EACH	65	$166.00	$10,790.00	65.00	$10,790.00
14	CABLE, FURNISH & INSTALL,TRACER WIRE	LF	26170	$0.39	$10,206.30	26,013.00	$10,145.07
15	CONDUIT INSTALL AT HIGH PRESSURE PETROLEUM PIPELI	LS	1.00	$2,372.73	$2,372.73	1.00	$2,372.73
CO1.1	COMPOST, SEEDING, & HYDROMULCH	LS	1.00	$98,600.00	$98,600.00	1.00	$98,600.00
CO1.2	REMOBILIZATION FOR VAULT INSTALLATION	EACH	52.00	$330.00	$17,160.00	52.00	$17,160.00
CO1.3	CONDUIT, FUNISH & INSTALL 1.5" GREEN FOR PROJECT 2-1	LF	2800.00	$6.25	$17,500.00	2,800.00	$17,500.00
CO2.1	TEST STATION, RETROFIT	EACH	65	$195.00	$12,675.00	65.00	$12,675.00
CO3.1	REMOVE AND REPLACE VAULT	LS	1	$1,200.00	$1,200.00	1.00	$1,200.00
				TOTAL	$857,046.11		$843,802.15

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	$711,111.11	$843,802.15
	Approved Change Order 1	$133,260.00	
	Approved Change Order 2	($1,768.96)	
	Approved Change Order 3	$1,200.00	
	Revised Contract Price	$843,802.15	$843,802.15
		Materials Stored	$0.00
		Retainage (5%)	$0.00
		Total Earned Less Retainage	$843,802.15
Total Previously Approved (list each)	Pay Request 1 06-05-2021	$688,502.15	
	Pay Request 2 W.E. 08-06-2021	$110,295.00	
	Pay Request 3 W.E. 08-31-2021	$1,674.89	
	Pay Request 4		
	Pay Request 5		
	Pay Request 6		
		Total Previously Approved	$800,472.04
		Amount Due This Request	**$43,330.11**
		Percent Complete	100%
		Percent of Contract Period Utilized	110%

The amount **$43,330.11 is recommended for approval for payment in accordance with the terms of the Contract**

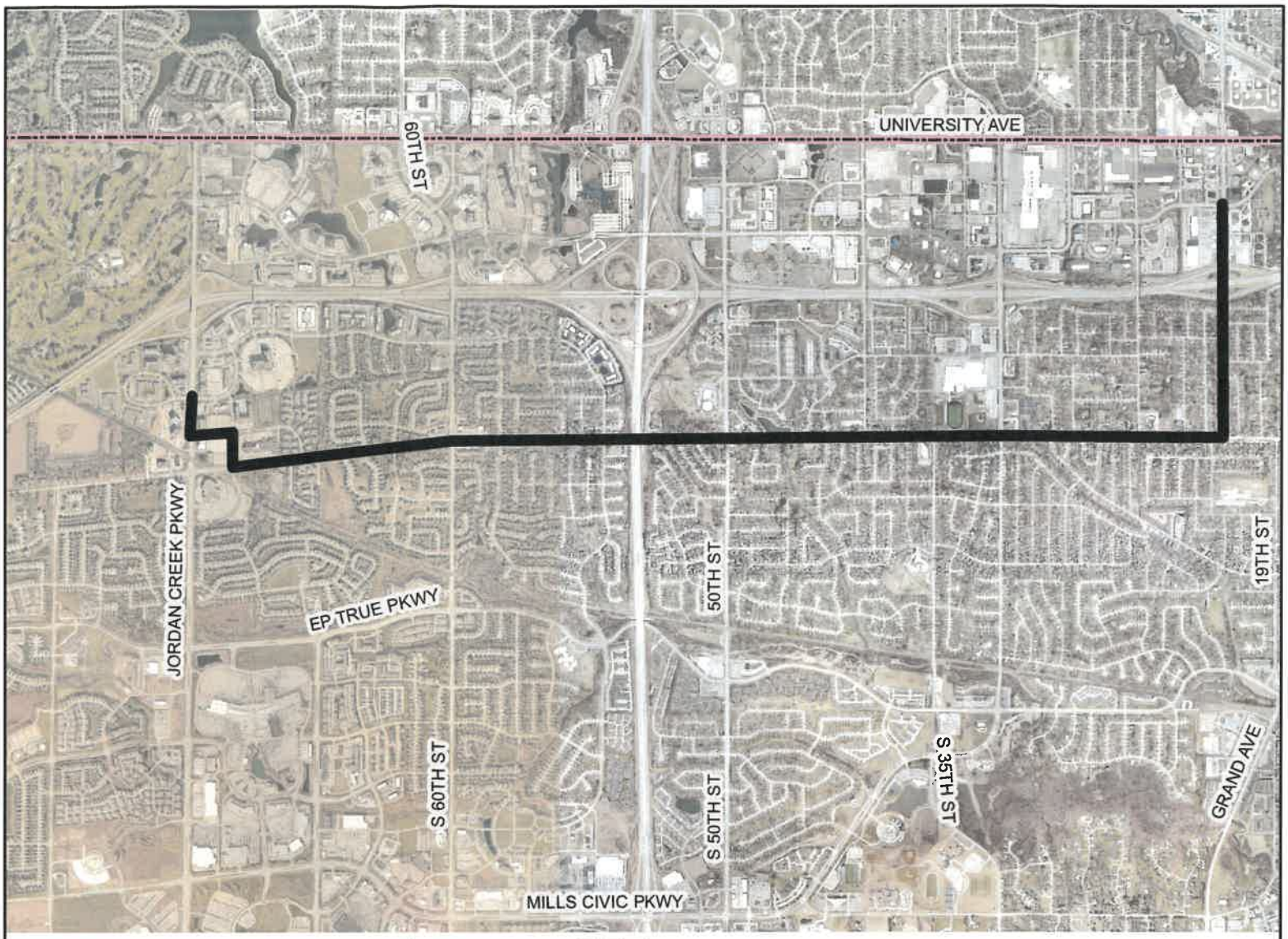
Contractor: TD&I Cable Maintenance		**Recommended By:** HDR Engineering, Inc.		**Checked By:** KS BTM **City of West Des Moines**	
Signature:	Spencer Pannhoff	Signature:	Tony Taylor	Signature:	
Name:	Spencer Pannhoff	Name:	Tony Taylor	Name:	Brian Hemesath
Title:	Director	Title:	Project Manager	Title:	City Engineer
Date:	Sep 27, 2021	Date:	Sep 27, 2021	Date:	Sep 27, 2021

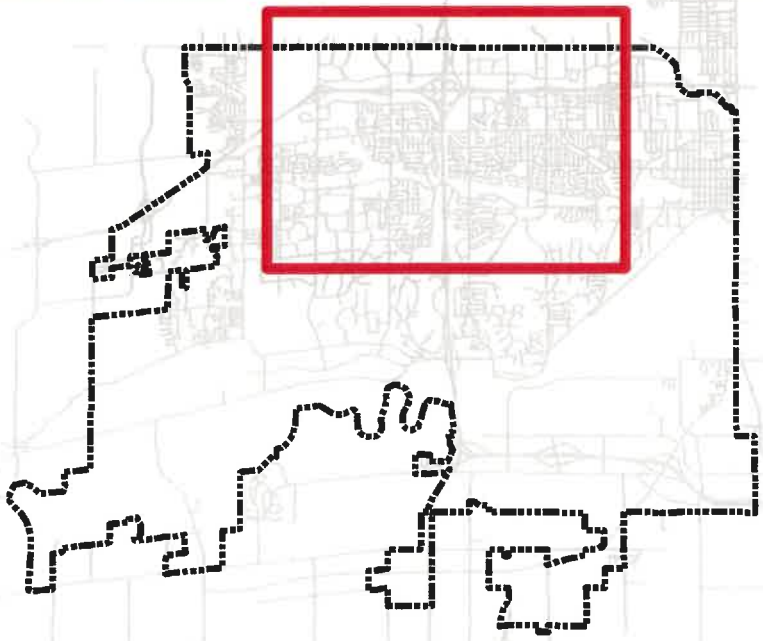
Signature: Kelly Sand
Sand, Kelly (Sep 27, 2021 14:12 CDT)

Email: kelly.sand@wdm.iowa.gov

Signature:

Email: ben.mcalister@wdm.iowa.gov





VICINITY MAP

LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT: **West Des Moines Digital Enterprise Segment 2 Arterial Conduit Deployment**

LOCATION: **Exhibit "A"**

DRAWN BY: BJM	DATE: 12/16/2020	PROJECT NUMBER/NAME: 0510-058-2020	SHT. 1 of 1