CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: May 3, 2021

ITEM:

Resolution - Ordering Construction
Digital Enterprise Conduit Deployment Segment 3 - Phase 3

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the Digital Enterprise Conduit Deployment Segment 3 - Phase 3 is $2,283,412.10. Payments will be made from account no. 670.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds.

BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, May 26, 2021, and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, June 7, 2021. The contract would be awarded on Monday, June 7, 2021, and work will begin shortly thereafter.

The West Des Moines Digital Enterprise Conduit Deployment Segment 3-Phase 3 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 involves installation of City provided vaults and conduit. This project also involves 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. The project is anticipated to be completed by March 31, 2022.

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 Ordering Construction of the Digital Enterprise Conduit Deployment Segment 3 - Phase 3.
- Fixing 2:00 p.m. on Wednesday, May 26, 2021, as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

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 ORDERING CONSTRUCTION AND NOTICE OF PUBLIC HEARING ON PLANS, SPECIFICATIONS, FORM OF CONTRACT, ESTIMATE OF COST, AND DIRECTING ADVERTISEMENT FOR BIDS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the following described public improvement:

Digital Enterprise Conduit Deployment Segment 3 - Phase 3
Project No. 0510-066-2020

is hereby ordered to be constructed according to the Plans and Specifications prepared by NewCom Technologies of Des Moines, Iowa and now on file in the office of the City Clerk.

BE IT FURTHER RESOLVED, that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, June 7, 2021, with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than thirteen (13) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, May 26, 2021.

BE IT FURTHER RESOLVED, that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, May 26, 2021, and the results of said bids shall be considered at a meeting of this Council on Monday, June 7, 2021, at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

PASSED AND APPROVED 3rd day of **May, 2021.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

Project No: 0510-066-2020
NEWCOM TECHNOLOGIES, INC.
WDM DIGITAL ENTERPRISE CONDUIT DEPLOYMENT SEGMENT 3 PHASE 3

Item No.	Item	Unit	Quantity	Engineer's Estimate Unit Price	Engineer's Estimate Total Extended
1	TRAFFIC CONTROL	LS	1	$ 20,000.00	$ 20,000.00
2	SURVEY	LS	1	$ 29,000.00	$ 29,000.00
3	AS-BUILTING	LS	1	$ 45,000.00	$ 45,000.00
4	EROSION CONTROL	LS	1	$ 35,000.00	$ 35,000.00
5	CONDUIT, INSTALL ONLY, 7-WAY MICRODUCT	LF	31,669	$ 10.50	$ 332,524.50
6	CONDUIT, INSTALL ONLY, 1.5" ORANGE (ATS)	LF	38,315	$ 7.00	$ 268,205.00
7	CONDUIT, INSTALL ONLY, 1.5" GREEN (DCP)	LF	38,984	$ 12.50	$ 487,300.00
8	CONDUIT, INSTALL ONLY, 1.5" BLUE (LCS)	LF	38,762	$ 6.50	$ 251,953.00
9	CONDUIT, INSTALL ONLY, 1" BLUE STRIPE (LCP)	LF	63,832	$ 5.00	$ 319,160.00
10	VAULT, INSTALL ONLY, SMALL ROUND VAULT	EACH	388	$ 425.00	$ 164,900.00
11	VAULT, INSTALL ONLY, MEDIUM ROUND VAULT	EACH	155	$ 550.00	$ 85,250.00
12	VAULT, INSTALL ONLY, LARGE ROUND VAULT	EACH	60	$ 650.00	$ 39,000.00
13	VAULT, INSTALL ONLY, LARGE RECTANGULAR VAULT	EACH	51	$ 675.00	$ 34,425.00
14	VAULT, FURNISH & INSTALL, EXTRA LARGE RECTANGULAR VAULT	EACH	1	$ 1,850.00	$ 1,850.00
15	EQUIPMENT, FURNISH & INSTALL, TEST STATION	EACH	179	$ 175.00	$ 31,325.00
16	CABLE, FURNISH & INSTALL, TRACER WIRE	LF	108,968	$ 0.95	$ 103,519.60
17	RESTORATION	LS	1	$ 35,000.00	$ 35,000.00
				PROJECT TOTAL ESTIMATE: SEGMENT 3-3	**$ 2,283,412.10**

LICENSED PROFESSIONAL ENGINEER
BETHANY J. KEPHART
17120
IOWA

I hereby certiy that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Profesiona Engineer under the laws of the State of Iowa

Bethany Kephart 04/26/2021
(Signature) (Date)

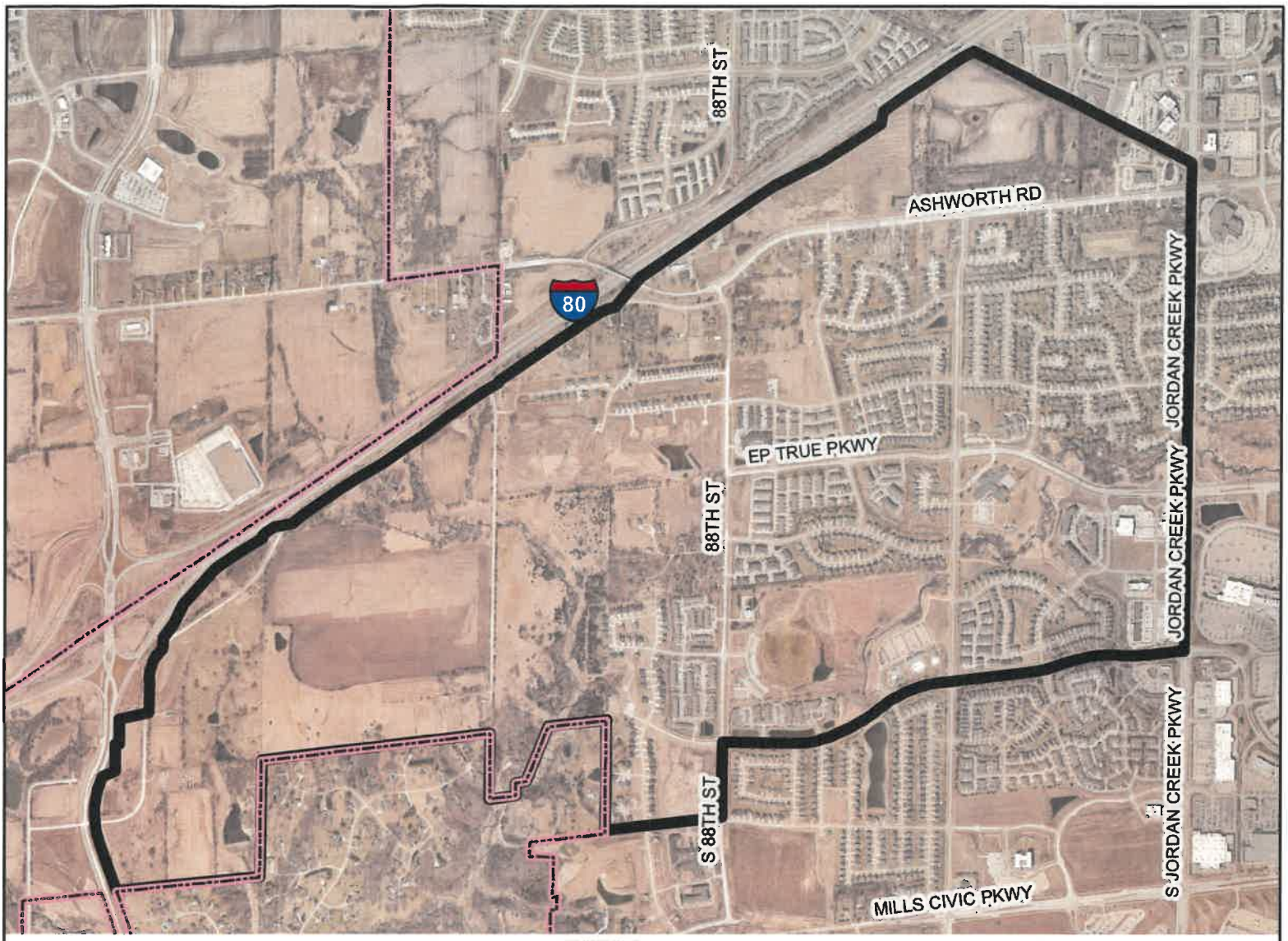
Printed or typed name Bethany Kephart

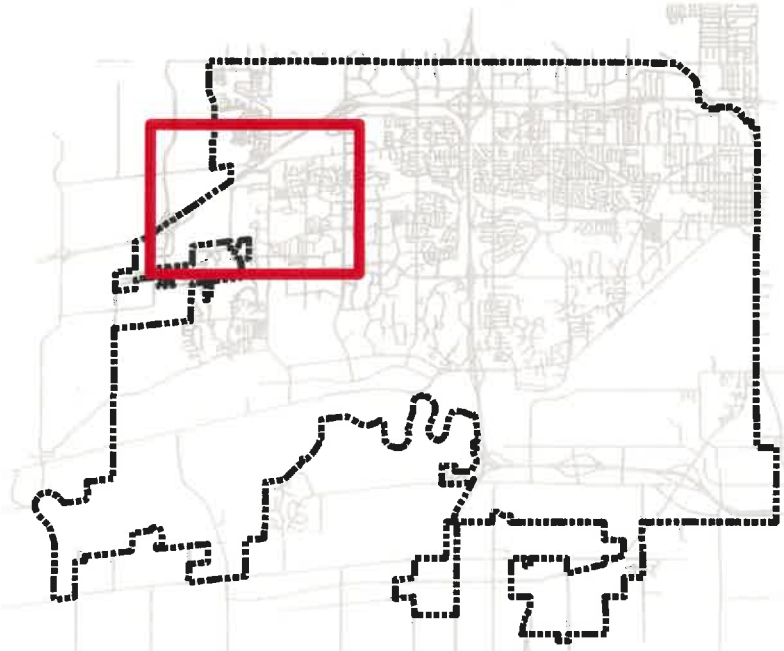
License number 17120

My license renewal date is December 31, 2021

Pages or sheets covered by this seal:

Engineer's Estimate, Segment 3 Phase 3





VICINITY MAP

LEGEND

PROJECT LOCATION

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PROJECT:	**West Des Moines Digital Enterprise Conduit Deployment Segment 3 Phase 3**		
LOCATION:	**Exhibit "A"**		
DRAWN BY: BJM	DATE: 4/26/2021	PROJECT NUMBER/NAME: 0510-066-2020	SHT. 1 of 1