



City of Grand Island

Tuesday, October 26, 2021

Council Session

Item G-7

**#2021-288 - Approving Change Order #1 for Water Main Project
2021-W-2 - Newcastle Road**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Tim Luchsinger, Utilities Director
Stacy Nonhof, Interim City Attorney

Meeting: October 26, 2021

Subject: Change Order #1 for Water Main Project 2021-W-2 –
Newcastle Street

Presenter(s): Timothy Luchsinger, Utilities Director

Background

Water Main Project 2021-W-2 installed approximately 717 linear feet of 8” diameter ductile iron water main by trenchless construction within Newcastle Road, east of Windsor Road to Coventry Lane. The project replaced the existing 6” water main which was subjected to multiple breaks over its lifetime.

Discussion

The original contract was awarded by City Council on December 8, 2020, in the amount of \$147,273.85 to The Diamond Engineering Company of Grand Island, Nebraska.

During the process of constructing the water main, materials were added or deducted to complete the work. Unit prices were provided in the contract and specified that the contractor be paid on the basis of actual quantity installed, times the contract’s unit price. This total is \$3,603.55.

The original Engineer’s estimate was \$230,000.00. The original contract was for \$147,273.85. The total changes to the contract are \$3,603.55. This results in a final contract cost of \$150,877.40.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to a future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve Change Order #1 to Water Main Project 2021-W-2 contract in the amount of \$3,603.55, resulting in a final contract amount of \$150,877.40.

Sample Motion

Move to approve Change Order #1 with The Diamond Engineering Company to Water Main Project 2021-W-2 in the amount of \$3,603.55, for a final contract amount of \$150,877.40.

CHANGE ORDER #1

NAME OF PROJECT: Water Main Project 2021-W-2, Newcastle Road – east of Windsor Rd to Coventry Ln

CONTRACTOR: The Diamond Engineering Company
1521 W. Anna, PO Box 1327
Grand Island, NE 68802-1327

OWNER: City of Grand Island, NE

THE FOLLOWING MODIFICATIONS TO THE CONTRACT ARE HEREBY ORDERED:

ITEM	DESCRIPTION	BID			INSTALLED		
		QUANTITY	UNIT	Unit Price \$	QUANTITY	UNIT	\$ +/-
D.1.01	8" R.J. D.I. PIPE	706.90	LF	\$79.54	717.10	LF	\$811.30
D.1.02	6" S.J. D.I. PIPE	45.40	LF	\$59.11	40.70	LF	-\$277.81
D.1.03	8 MIL. POLYWRAP	752.30	LF	\$1.41	757.80	LF	\$7.76
D.1.08	8" RETAINER GLANDS	10.00	EA	\$161.99	16.00	EA	\$630.84
D.1.09	8" SOLID SLEEVE	1.00	EA	\$221.97	3.00	EA	\$443.94
D.1.13	6"X45" M.J. BEND	1.00	EA	\$202.52	2.00	EA	\$202.52
D.1.15	6" RETAINER GLANDS	8.00	EA	\$86.69	14.00	EA	\$520.14
D.1.16	6" M.J. 2" TAPPED PLUG	2.00	EA	\$176.32	1.00	EA	-\$176.32
D.1.19	6"X24" OFFSET FITTING	2.00	EA	\$875.46	0.00	EA	-\$1,750.92
D.1.26	I BEAM BLOCK	1.00	EA	\$854.42	2.00	EA	\$854.42
D.1.27	CONCRETE PLUG	4.00	EA	\$156.42	3.00	EA	-\$156.42
D.1.28	DUC-LUGS & REDI-ROD	2.00	SETS	\$164.57	0.00	SETS	-\$329.14
D.1.31	1" TYPE "K" COPPER PIPING	29.70	LF	\$148.18	34.70	LF	\$216.45
D.1.35	1.5" TYPE "K" COPPER PIPING	60.40	LF	\$45.35	79.30	LF	\$857.12
D.1.37	CURB STOP BOX EXTENSION	1.00	EA	\$53.44	0.00	EA	-\$53.44
D.1.39	REMOVE AND SALVAGE EXIST. WATER MAIN	19.10	LF	\$17.37	7.10	LF	-\$208.44
D.1.40	REMOVE AND SALVAGE HYDRANT	2.00	EA	\$188.26	1.00	EA	-\$188.26
D.1.41	REMOVE AND SALVAGE VALVE TO CITY	1.00	EA	\$115.11	0.00	EA	-\$115.11
D.1.43	REMOVE, SALVAGE, AND REUSE 6" M.J. 2" TAPPED PLUG	2.00	EA	\$201.55	1.00	EA	-\$201.55
D.1.44	ABANDON VALVE	1.00	EA	\$63.17	2.00	EA	\$63.17
D.1.45	REMOVE EXISTING ROADWAY	285.90	SY	\$8.76	298.10	SY	\$106.88
D.1.46	REPLACE ROADWAY (47B MODIFIED)	285.90	SY	\$52.76	298.10	SY	\$643.68
D.1.47	REMOVE CURB	290.00	LF	\$3.16	290.60	LF	\$1.90
D.1.48	REPLACE CURB	290.00	LF	\$12.87	290.60	LF	\$7.72
D.1.49	REMOVE SIDEWALK	242.50	SF	\$1.16	418.30	SF	\$203.93
D.1.50	REPLACE SIDEWALK	242.50	SF	\$6.55	418.30	SF	\$1,151.49
D.1.51	ADA REPLACEMENT	1.00	LS	\$804.55	0.00	LS	-\$804.55
D.1.31	SODDING	970.00	SF	\$1.50	1,731.50	SF	\$1,142.25
SUBTOTAL D.1.01-D.1.33 :							\$ 3,603.55

THIS CHANGE ORDER AMOUNT:
ORIGINAL CONTRACT AMOUNT:
REVISED CONTRACT AMOUNT (including this Change Order)

\$ 3,603.55
\$ 147,273.85
\$ 150,877.40

REASONS FOR MODIFICATIONS:

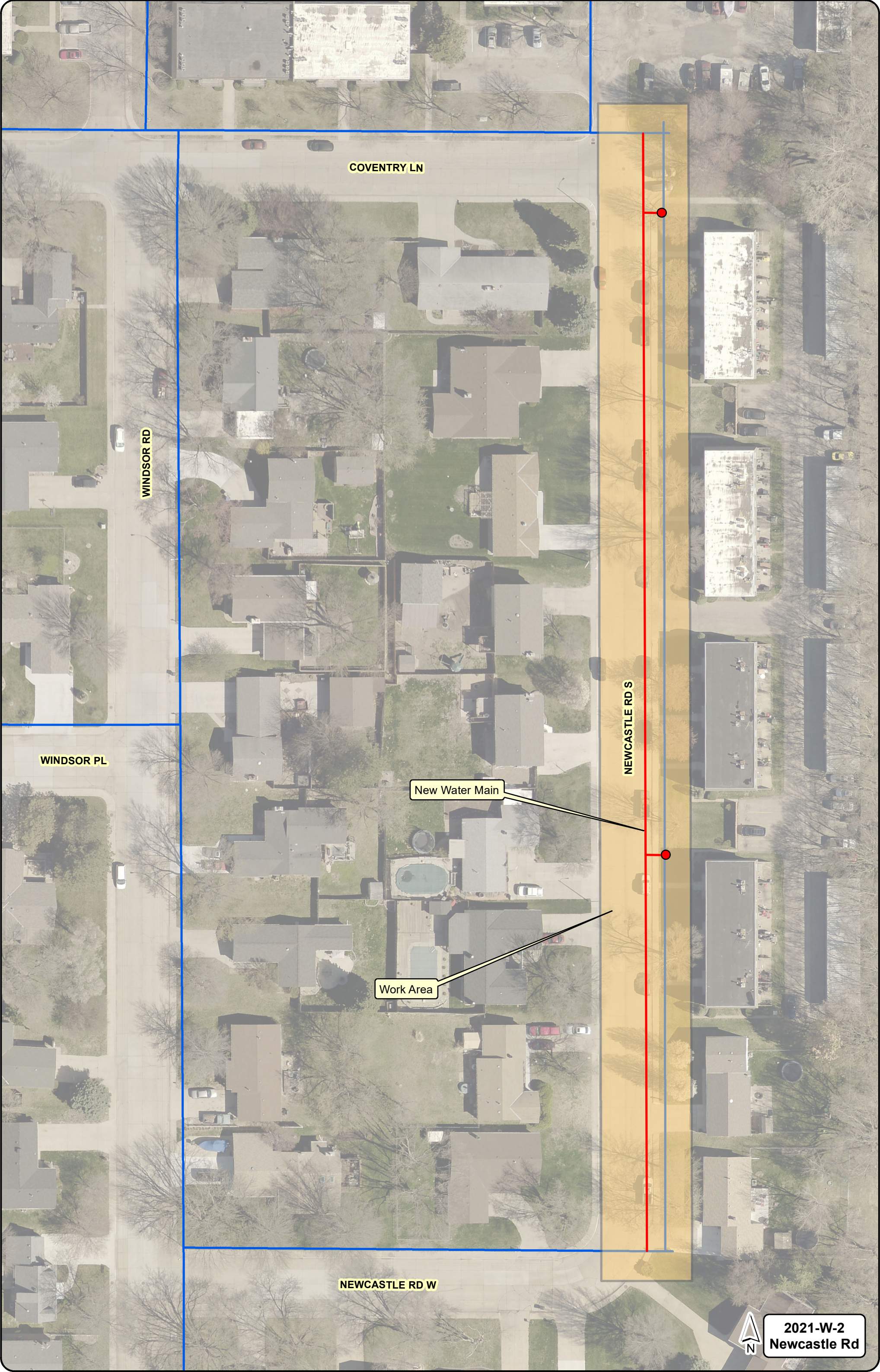
During the process of constructing the contract, materials were added or deducted to complete the work. Unit prices were provided in the Contract and specified that the contractor be paid on the basis of actual quantity installed, times the Contract's unit prices.

Contractor: *James H. Davis*
The Diamond Engineering Company

Date: 10-14-21

Owner: _____
City of Grand Island, NE

Date: _____



2021-W-2
Newcastle Rd

RESOLUTION 2021-288

WHEREAS, Water Main Project 2021-W-2 installed an 8" diameter ductile iron water main along Newcastle Road, east of Windsor Road to Coventry Lane; and

WHEREAS, the original contract was awarded by Council on December 8, 2020, in the amount of \$147,273.85, to The Diamond Engineering Company, of Grand Island, Nebraska; and

WHEREAS, during the process of constructing the water main, materials were added or deducted to complete the work and unit prices were provided in the Contract and specified that the contractor be paid on the basis of actual quantity installed, times the Contract's unit price; and

WHEREAS, the original contract amount was \$147,273.85, and the total change to the contract amount was \$3,603.55, resulting in a final contract cost of \$150,877.40.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 for the construction of Water Main Project 2021-W-2 in the amount of \$3,603.55, is approved, and the Mayor is hereby authorized to sign the Change Order on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 26, 2021.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
October 22, 2021	☐ City Attorney