



# City of Grand Island

Tuesday, December 17, 2019

Council Session

## Item G-9

**#2019-359 - Approving Change Order #1 with Van Kirk Brothers Contracting for Water Main Project 2018-W-10 - Custer Avenue from State Street to Capital Avenue**

Staff Contact: Tim Luchsinger, Stacy Nonhof

# **Council Agenda Memo**

**From:** Timothy Luchsinger, Utilities Director  
Stacy Nonhof, Interim City Attorney

**Meeting:** December 17, 2019

**Subject:** Water Main Project 2018-W-10 – Custer Avenue Change Order #1

**Presenter(s):** Timothy Luchsinger, Utilities Director

## **Background**

Water Main Project 2018-W-10 installed approximately 2,700 linear feet of 8” ductile iron pipe along Custer Avenue from State Street to Capital Avenue through trenchless construction methods. This project replaced the existing 60 to 70-year-old 6” water main that was subjected to multiple breaks over its lifetime.

## **Discussion**

The original contract was awarded by City Council on March 13, 2019, in the amount of \$395,372.35 to Van Kirk Brothers Contracting of Sutton, Nebraska. The following scope alterations were encountered.

Additional items were required to complete the project due to an existing irrigation service size differing from size of record. The total cost for the additional items is \$6,500.00.

During the process of constructing the project, 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. A significant portion of the quantity deduct is due to less restoration (pavement removal and replacement, and sod) required during construction. Also, some design elevation changes were corrected with pipe deflection and did not require bends and retainer glands to be installed. This total is a deduct of \$16,471.35.

The original Engineer’s Estimate was \$750,000.00. The original contract was for \$395,372.35. The total changes to the contract amount to a deduct of \$9,971.35. This results in a final contract cost of \$385,401.00.

## **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 future date
4. Take no action on the issue

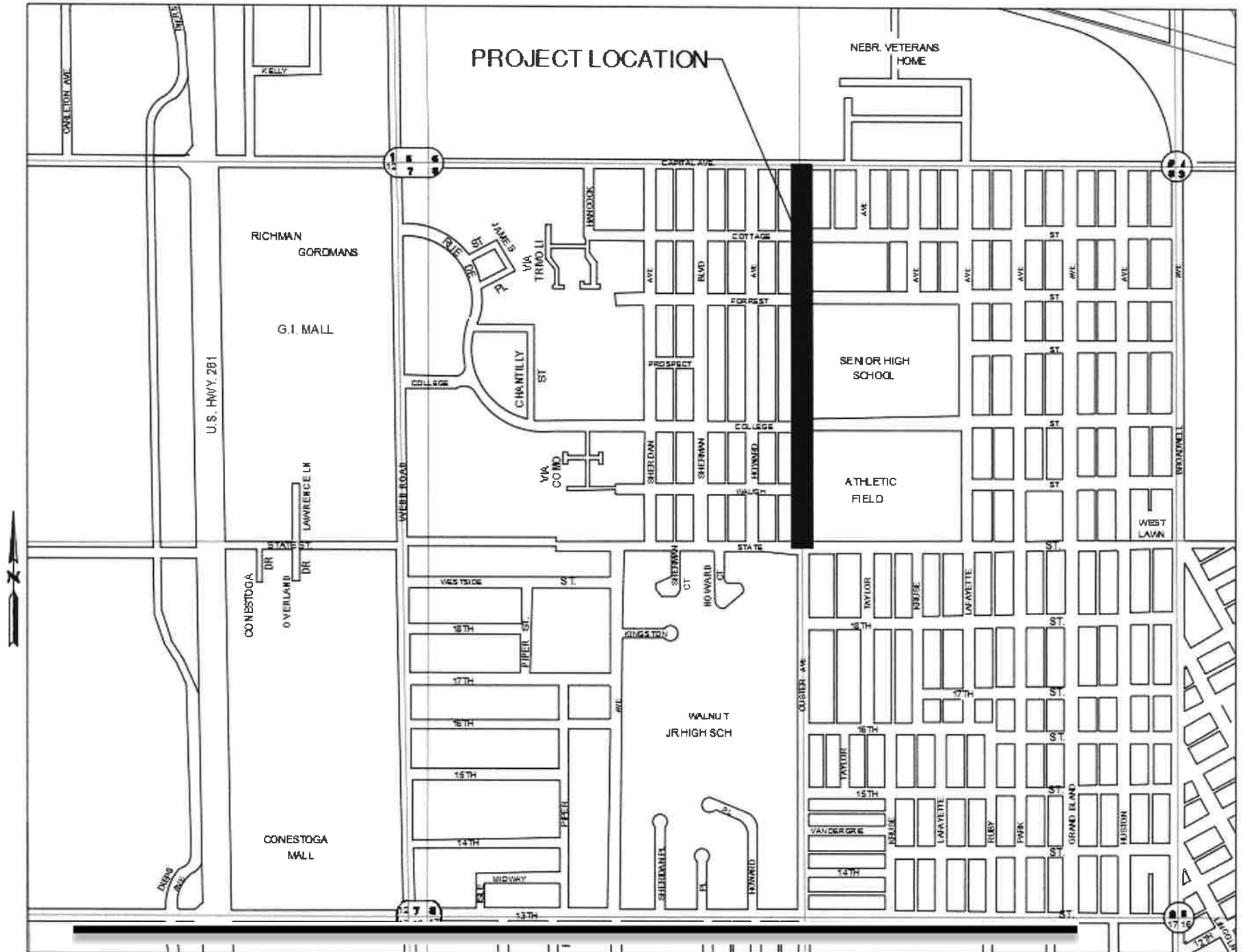
## **Recommendation**

City Administration recommends that the Council approve Change Order #1 to the Water Main Project 2018-W-10 Contract in the deduct amount of \$9,971.35, for a final contract amount of \$385,401.00.

## **Sample Motion**

Move to approve Change Order #1 with Van Kirk Brothers Contracting to the Water Main Project 2018-W-10 Contract in the deduct amount of \$9,971.35, for a final contract amount of \$385,401.00.

# LOCATION MAP



**CHANGE ORDER #1**

**NAME OF PROJECT:** Water Main Project 2018-W-10, Custer Avenue

**CONTRACTOR:** Van Kirk Bros. Contracting  
1200 W. Ash Street, PO Box 585  
Sutton, NE 68979

**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	2695.80	LF	\$68.00	2693.70	LF	-\$142.80
D.1.02	6" S.J. D.I. PIPE	146.90	LF	\$48.00	151.20	LF	\$206.40
D.1.03	POLYWRAP	2842.70	LF	\$1.85	2844.90	LF	\$4.07
D.1.09	8"X45 M.J. BEND	16.00	EA	\$240.00	0.00	EA	-\$3,840.00
D.1.10	8" SOLID SLEEVE	6.00	EA	\$260.00	7.00	EA	\$260.00
D.1.11	8" RETAINER GLAND	75.00	EA	\$75.00	44.00	EA	-\$2,325.00
D.1.13	6"X45 M.J. BEND	5.00	EA	\$205.00	7.00	EA	\$410.00
D.1.15	6" SOLID SLEEVE	1.00	EA	\$200.00	0.00	EA	-\$200.00
D.1.16	6" RETAINER GLAND	30.00	EA	\$55.00	32.00	EA	\$110.00
D.1.29	THRUST BLOCK	19.00	EA	\$60.00	13.00	EA	-\$360.00
D.1.31	8"X2" TAPPING SADDLE	1.00	EA	\$185.00	0.00	EA	-\$185.00
D.1.32	2" CORPORATION STOP	1.00	EA	\$385.00	0.00	EA	-\$385.00
D.1.33	2" CURB STOP	1.00	EA	\$675.00	0.00	EA	-\$675.00
D.1.34	2" TYPE K COPPER	10.00	LF	\$35.00	0.00	LF	-\$350.00
D.1.35	1" CORPORATION STOP	6.00	EA	\$120.00	4.00	EA	-\$240.00
D.1.37	1" TYPE K COPPER	21.00	LF	\$27.00	21.80	LF	\$21.60
D.1.38	3/4" CORPORATION STOP	32.00	EA	\$98.00	34.00	EA	\$196.00
D.1.39	3/4" CURB STOP	5.00	EA	\$255.00	4.00	EA	-\$255.00
D.1.40	3/4" TYPE K COPPER	105.00	LF	\$25.00	72.40	LF	-\$815.00
D.1.41	CURB STOP BOX	7.00	EA	\$88.00	6.00	EA	-\$88.00
D.1.45	ABANDON VALVE	4.00	EA	\$80.00	3.00	EA	-\$80.00
D.1.46	REMOVE SIDEWALK	721.00	SF	\$0.80	731.60	SF	\$8.48
D.1.47	REPLACE SIDEWALK	721.00	SF	\$6.00	753.80	SF	\$196.80
D.1.48	REMOVE CURB	798.90	LF	\$6.00	685.10	LF	-\$682.80
D.1.49	REPLACE INTEGRAL CURB	798.90	LF	\$4.50	685.10	LF	-\$512.10
D.1.50	REMOVE ROADWAY	1114.90	SY	\$10.00	1081.80	SY	-\$331.00
D.1.51	REPLACE ROADWAY	1114.90	SY	\$65.00	1081.80	SY	-\$2,151.50
D.1.52	SOD	2500.00	SF	\$5.00	1646.70	SF	-\$4,266.50

SUBTOTAL D.1.01-D.1.52 (DEDUCT):

(\$ 16,471.35)

-	4" IRRIGATION CONNECTION	-	-	\$6,500.00	1.00	LS	<u>\$6,500.00</u>
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SUBTOTAL ADDITIONAL ITEMS (ADD): \$ 6,500.00

THIS CHANGE ORDER AMOUNT (DEDUCT): (\$ 9,971.35)  
ORIGINAL CONTRACT AMOUNT: \$ 395,372.35  
**REVISED CONTRACT AMOUNT** (including this Change Order) **\$ 385,401.00**

**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. A significant portion of the quantity deduct is due to less restoration (pavement removal and replacement, sod) required during construction. Also, some design elevation changes were corrected with pipe deflection and did not require bends and retainer glands to be installed. Additional items were required due to an existing irrigation service size differing from size of record.

Contractor:  \_\_\_\_\_  
Van Kirk Bros. Contracting

Date: 12/3/2019

Owner: \_\_\_\_\_  
City of Grand Island, NE

Date: \_\_\_\_\_

RESOLUTION 2019-359

WHEREAS, at the March 13, 2019 meeting, Council awarded the contract for Water Main Project 2018-W-10 on Custer Avenue from State Street to Capital Avenue to Van Kirk Brothers Contracting of Sutton, Nebraska, in the amount of \$395,372.35; and

WHEREAS, additional items were required to complete the project due to an existing irrigation service size differing from the size of record; the total cost for the additional items was \$6,500.00; and

WHEREAS, a significant portion of the quantity deduct is due to less restoration (pavement removal and replacement, and sod) required during construction and some design elevation changes were corrected with pipe deflection and did not require bends and retainer glands to be installed, this amounting to a deduct amount of \$16,471.35; and

WHEREAS, the original contract was for \$395,372.35 and the changes to the contract amounted to a deduct amount of \$9,971.35 for a total contract amount of \$385,401.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 to the contract for Water Main Project 2018-W-10 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, December 17, 2019.

\_\_\_\_\_  
Roger G. Steele, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
December 13, 2019	☐ City Attorney