



# City of Grand Island

Tuesday, April 13, 2021

Council Session

## Item G-10

**#2021-79 - Approving Change Order No. 2 for Old Potash Highway Roadway Improvements; Project No. 2019-P-1**

Staff Contact: John Collins, P.E. - Public Works Director

# Council Agenda Memo

**From:** Keith Kurz PE, Assistant Public Works Director

**Meeting:** April 13, 2021

**Subject:** Approving Change Order No. 2 for Old Potash Highway Roadway Improvements; Project No. 2019-P-1

**Presenter(s):** John Collins PE, Public Works Director

## Background

Starostka Group Unlimited, Inc. of Grand Island, Nebraska was awarded a \$10,530,764.77 contract on May 26, 2020, via Resolution No. 2020-122, for Old Potash Highway Roadway Improvements; Project No. 2019-P-1.

On October 27, 2020, via Resolution No. 2020-271, City Council approved Change Order No. 1 to the Old Potash Highway Roadway Improvements; Project No. 2019-P-1 to allow Starostka Group Unlimited, Inc. to utilize the City owned property at 3505 W Old Potash Highway as a staging area during construction of such project.

Starostka Group Unlimited, Inc. will be responsible for all utilities at this location during their use, which will be reflected on the last pay application for the project once all utility charges are known.

## Discussion

Change Order No. 2 for Old Potash Highway improvements is being requested to address several adjustments needed for this project. CenturyLink owns a duct bank in the project corridor that is in need of relocation due to the proposed improvements. City staff and consultants have worked with CenturyLink to make adjustments to the original project design in order to lessen the impacts to the duct bank. As such, CenturyLink has agreed to reimburse the City for these adjustments, in an amount not exceed \$352,336.27. Also, due to the wet spring and poor soils that have been encountered, changes are needed to provide proper subgrade to construct the proposed pavement on and dispose of the unsuitable material. Other smaller changes from the original design required are:

- Removal & disposal of concrete encased power pole;
- Typing Rogers Reservoir Drainage Pipe into Moores Creek, which is to be tied into the proposed outfall structure;

- Increased curb inlet size on Kaufman Avenue due to offset from existing pipe to north and proposed pipe to south;
- Removal of existing concrete above water mains on Old Potash Highway at four (4) locations;
- Removal of 12"-18" thick existing asphalt roadway along Old Potash Highway, which is thicker than originally bid;
- Redesign storm sewer pipes on Kaufman Avenue due to location of existing water main;
- Increase size of pull boxes from original bid per Street Division request;
- Revisions to storm sewer outfall structures, with addition of sheet piling for additional footings;
- Installation of additional geofabric for box culvert;
- Underground electrical repair at the corner of Old Potash Highway and US Highway 281;
- Abandonment of existing water service and installation of new due to location of proposed storm sewer on Kaufman Avenue;

The result of Change Order No. 2 is an overall contract increase of \$859,508.64, for an updated contract cost of \$11,390,273.41.

### **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 No. 2 for the Old Potash Highway Roadway Improvements; Project No. 2019-P-1 with Starostka Group Unlimited, Inc. of Grand Island, Nebraska.

### **Sample Motion**

Move to approve the resolution.

March 8, 2021

Keith Kurz, P.E.  
Assistant Public Works Director-Engineering  
City of Grand Island  
100 East First Street  
Grand Island, NE 68802  
[keithk@grand-island.com](mailto:keithk@grand-island.com)

RE: Old Potash Highway: Conflict mitigation costs.

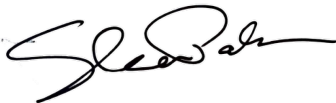
Dear Mr. Kurz:

As part of the conflict mitigation plan submitted and agreed to by the City of Grand Island, Lumen has agreed to participate sharing some of the mitigation costs as outlined below:

Rock & Geogrid to mitigate unsuitable soils where they are encountered, not to exceed \$223,018.00. The City or their consultant will provide test results supporting the need for this mitigation where utilized.

Storm Sewer Alterations to minimize duct adjustments, not to exceed \$129,318.27.

Respectfully,



Steve Parker  
Director, Network Implementation  
Lumen

Cc: Blaine Halvorson, Lumen



**CHANGE ORDER NO. 2**

**PROJECT:** Old Potash Highway Roadway Improvements; Project No. 2019-P-1

**CONTRACTOR:** Starostka Group Unlimited, Inc.

**AMOUNT OF CONTRACT:** \$10,530,764.77

**CONTRACT DATE:** May, 26, 2020

Address items that have been discovered during the ongoing construction of Old Potash Highway Roadway Improvements; Project No. 2019-P-1, with quantity/cost adjustments of such detailed below.

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Price</b>
<b>Old Potash Highway Surfacing Bid Section "A"-</b>					
CO2-1	Color Sample Pad	+1.00	EA	\$230.00	\$230.00
CO2-2	Build 30" Combination Curb and Gutter	+187.00	LF	\$17.25	\$3,225.75
CO2-3	Detectable Warning Panels	+24.00	SF	\$51.70	\$1,240.80
CO2-4	Adjust Manhole to Grade	+1.00	EA	\$129.00	\$129.00
CO2-5	Reconstruct Manhole	+1.00	EA	\$1,089.00	\$1,089.00
CO2-6	Underground Electrical Repair	+1.00	EA	\$1,458.59	\$1,458.59
<b>Subtotal Section "A"-</b>					<b>\$7,373.14</b>
<b>Old Potash Highway Storm Sewer Bid Section "B"-</b>					
CO2-7	Storm Sewer Manhole	+3.00	EA	\$4,800.00	\$14,400.00
CO2-8	Concrete Collar	+2.00	EA	\$1,320.00	\$2,640.00
CO2-9	Concrete Outfall	+8.00	SY	\$116.00	\$928.00
CO2-10	15" REINFORCED CONCRETE STORM SEWER PIPE	+78.00	LF	\$26.95	\$2,102.10
CO2-11	18" REINFORCED CONCRETE STORM SEWER PIPE	+26.00	LF	\$28.70	\$746.20
CO2-12	STORM SEWER PIPE JOINT ENCASMENT	+2.00	EA	\$170.00	\$340.00
CO2-13	FLOWABLE FILL	+1.50	CY	\$266.00	\$399.00
CO2-14	REOGERS RESERVOIR DRAINAGE PIPE	+1.00	LS	\$482.00	\$482.00
CO2-15	OUTFALL STRUCTURE ADDITIONAL SHEET PILING	+1.00	LS	\$8,441.00	\$8,441.00
CO2-16	GEOFABRIC FOR BOX CULVERT	+1.00	LS	\$2,961.00	\$2,961.00
CO2-17	FIELD DRIVE CULVERT	+1.00	LS	\$5,369.00	\$5,369.00
CO2-18	ADDITIONAL CURB INLET CASTING COST	+7.00	EA	\$1,250.00	\$8,750.00
CO2-19	ABANDON WATER SERVICE AT MAIN	+1.00	LS	\$6,589.12	\$6,589.12
CO2-20	REMOVE & CAP HYDRANT ASSEMBLY	+1.00	LS	\$3,589.55	\$3,589.55
CO2-21	REVISION 3 MEANS & METHODS CHANGE	+1.00	LS	\$101,167.48	\$101,167.48
CO2-22	SAND BACKFILL	+10,000.00	TON	\$11.25	\$112,500.00
<b>Subtotal Section "B"-</b>					<b>\$271,404.45</b>

<b>Old Potash Highway Grading and Removals Bid Section "C"-</b>					
CO2-23	Remove Curb	+281.00	LF	\$5.45	\$1,531.45
CO2-24	Removal of Unsuitable Soils	+375.00	CY	\$5.90	\$2,212.50
CO2-25	Over Excavation	+13,800.00	CY	\$6.05	\$83,490.00
CO2-26	Removal of Concrete Above Water Main	+1.00	LS	\$4,341.00	\$4,341.00
CO2-27	Additional Asphalt Removal	+1.00	LS	\$7,893.00	\$7,893.00
CO2-28	Asphalt Millings	+16,200.00	TON	\$12.20	\$197,640.00
CO2-29	Crushed Concrete	+3,000.00	TON	\$37.66	\$112,980.00
CO2-30	Crushed Rock	+550.00	TON	\$58.18	\$31,999.00
CO2-31	Tensar BX1100 Geogrid	+2,000.00	SY	\$3.02	\$6,040.00
<b>Subtotal Section "C"-</b>					<b>\$448,126.95</b>
<b>Claude Road Surfacing Bid Section "F"-</b>					
CO2-32	9" Dowelled Concrete Pavement w/ Integral Curb	-1,026.50	SY	\$48.90	\$(50,195.85)
CO2-33	6" Concrete Pavement	+489.00	SY	\$43.65	\$21,344.85
CO2-34	6" Imprinted Colored Concrete Pavement	+25.00	SY	\$88.50	\$2,212.50
CO2-35	Crushed Rock Surface Course	+0.58	TN	\$30.60	\$17.75
CO2-36	Subgrade Preparation	+668.00	SY	\$1.75	\$1,169.00
CO2-37	4" Foundation Course	+5,227.00	SY	\$5.10	\$26,657.70
<b>Subtotal Section "F"-</b>					<b>\$1,205.95</b>
<b>Claude Road Storm Sewer Bid Section "G"-</b>					
CO2-38	Tap Storm Sewer Pipe	+1.00	EA	\$1,865.00	\$1,865.00
CO2-39	15" Concrete Flared End Section	+1.00	EA	\$532.00	\$532.00
CO2-40	30" Reinforced Concrete Storm Sewer Pipe	+84.00	LF	\$56.30	\$4,729.20
CO2-41	48" Reinforced Concrete Storm Sewer Pipe	+230.00	LF	\$121.00	\$27,830.00
CO2-42	48" Round Equivalent Reinforced Concrete Storm Sewer Pipe	-223.00	LF	\$150.00	\$(33,450.00)
CO2-43	Concrete Flume	+86.00	SY	\$118.00	\$10,148.00
CO2-44	Foundation Course- Structures	+148.37	TON	\$54.35	\$8,063.91
CO2-45	Curb Inlet 128 Modification	+1.00	LS	\$2,756.00	\$2,756.00
CO2-46	Kaufman Ave Storm Sewer Modifications	+1.00	LS	\$28,857.00	\$28,857.00
CO2-47	Water Service to Bigzby Concrete	+1.00	LS	\$5,692.00	\$5,692.00
<b>Subtotal Section "G"-</b>					<b>\$57,023.11</b>
<b>Claude Road Grading and Removals Bid Section "H"-</b>					
CO2-48	Remove Pavement	+920.00	SY	\$5.85	\$5,382.00
CO2-49	Remove and Reset Mailbox	+0.50	EA	\$132.00	\$66.00
CO2-50	Landscaping Rock	+25.97	TON	\$85.30	\$2,215.24
CO2-51	Removal of Unsuitable Soils	+1,084.00	CY	\$5.90	\$6,395.60
CO2-52	Over Excavation	-1,540.00	CY	\$6.05	\$(9,317.00)
CO2-53	Remove & Dispose of Concrete Encased Pipe	+1.00	LS	\$4,047.00	\$4,047.00
<b>Subtotal Section "H"-</b>					<b>\$8,788.84</b>
<b>Alternate Claude Road Extension Improvements Bid Section-</b>					
CO2-54	9" Doweled Concrete Pavement w/ Integral Curb	-239.00	SY	\$52.20	\$(12,475.80)
CO2-55	15" Reinforced Concrete Storm Sewer Pipe	+12.00	LF	\$28.50	\$342.00
<b>Subtotal Alternate Claude Road Extension Improvement Bid Section-</b>					<b>\$(12,133.80)</b>

<b>Old Potash Highway and Claude Road Water Main Bid Section-</b>					
CO2-56	10" M.J. Plug	+1.00	EA	\$356.00	\$356.00
CO2-57	6" 45 M.J. Bend	+2.00	EA	\$191.00	\$382.00
CO2-58	12" Hydrant Extension	+2.00	EA	\$438.00	\$876.00
CO2-59	12" M.J. Plug	+1.00	EA	\$363.00	\$363.00
CO2-60	Retainer Glands	+19.00	EA	\$107.00	\$2,033.00
CO2-61	Wet Cut-In	+1.00	EA	\$914.00	\$914.00
CO2-62	1" Water Services	+6.00	EA	\$7,720.00	\$46,320.00
CO2-63	NDOT Water Service	+1.00	EA	\$27,530.00	\$27,530.00
<b>Subtotal Old Potash Highway and Claude Road Water Main Bid Section-</b>					<b>\$78,774.00</b>
<b>Old Potash Highway and Claude Road Lighting Bid Section "L"-</b>					
CO2-64	LED Street Light/Pole Assembly	-1.00	EA	\$4,826.00	\$(4,826.00)
CO2-65	Pole Box, Type FOR27	-2.00	EA	\$1,333.00	\$(2,666.00)
CO2-66	Pole Box, Type 36	+2.00	EA	\$3,219.00	\$6,438.00
<b>Subtotal Bid Section "L"-</b>					<b>\$(1,054.00)</b>
<b>Total Change Order No. 2-</b>					<b>\$859,508.64</b>

Original Contract Price.....	\$10,530,764.77
Change Order No. 1.....	\$ 0.00
Net Increase/Decrease Resulting from this Change Order.....	\$ 859,508.64
Revised Contract Price Including this Change Order.....	\$ <b>11,390,273.41</b>

**The Above Change Order Accepted:**

Starostka Group Unlimited, Inc.

By \_\_\_\_\_ Date \_\_\_\_\_

**Approval Recommended:**

By \_\_\_\_\_ Date \_\_\_\_\_  
 John Collins PE, Public Works Director/City Engineer

**Approved for the City of Grand Island, Nebraska**

By \_\_\_\_\_ Date \_\_\_\_\_  
 Mayor

Attest \_\_\_\_\_  
 City Clerk

RESOLUTION 2021-79

WHEREAS, on May 26, 2020, via Resolution No.2020-122 the City of Grand Island awarded Starostka Group Unlimited, Inc. of Grand Island, Nebraska the bid in the amount of \$10,530,764.77 for Old Potash Highway Roadway Improvements; Project No. 2019-P-1; and

WHEREAS, on October 27, 2020, via Resolution No. 2020-271, City Council approved Change Order No. 1, at no additional cost, to the Old Potash Highway Roadway Improvements; Project No. 2019-P-1 to allow Starostka Group Unlimited, Inc. to utilize the City owned property at 3505 W Old Potash Highway as a staging area during construction of such project; and

WHEREAS, it has been determined that further modifications are necessary to complete such project; and

WHEREAS, such modifications have been incorporated into Change Order No. 2; and

WHEREAS, the result of Change Order No. 2 is an overall contract increase of \$859,508.64, for an updated contract cost of \$11,390,273.41.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 2 between the City of Grand Island and Starostka Group Unlimited, Inc. of Grand Island, Nebraska to provide the modifications.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, April 13, 2021.

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

Attest:

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

Approved as to Form	☐ _____
April 9, 2021	☐ City Attorney