



# **City of Grand Island**

**Tuesday, August 13, 2013**

**Council Session**

## **Item G-14**

**#2013-262 - Approving Change Order No. 1 for South and West  
Interceptor Improvements; Project No. 2012-S-4**

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

# **Council Agenda Memo**

**From:** Marvin Strong PE, Wastewater Treatment Plant Engineer

**Meeting:** August 13, 2013

**Subject:** Approving Change Order No. 1 for South and West  
Interceptor Improvements Project; No. 2012-S-4

**Item #'s:** G-14

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

## **Background**

At various locations in the southern and western portions of Grand Island planned phases of rehabilitation in large diameters gravity sewer interceptor will take place over the next five (5) years. The sanitary sewer lining rehabilitation methodology of choice is the Cured-In-Place Pipe (CIPP) process.

On October 4, 2012 the Engineering Division of the Public Works Department advertised for construction bids in South & West Interceptor Sewer Improvements; Project No. 2012-S-4.

On November 13, 2012, Resolution 2012-330, City Council awarded, Project 2012-S-4, South & West Interceptor Sewer Improvements to SAK Construction, LLC of O'Fallen Missouri in the contract amount of \$739,547.00.

The work provides prioritized CIPP liner installation in approximately forty-five hundred (4,500) feet of existing large diameter concrete pipe segment(s), ranging in size from twenty seven (27) to thirty six (36) inch diameter pipe.

## **Discussion**

Change Order No. 1 balances bid unit quantities measurements based on the actual field measurements from final installed work.

Item CO1-1. Change Order No. 1

Revealed by: Engineer/Contractor

Initiated by: Engineer

Recommendation by: Wastewater Staff

The Incorporated work required the addition of ten (10) feet of thirty (30) inch CIPP liner.

<u>Bid Unit Price</u>	<u>Units</u>	<u>Quantity Change</u>	<u>Total Price Change</u>
\$123.00	Linear Feet	10.0	\$ 1,230.00

TOTAL COST FOR CO1-1 \$ 1,230.00

Item CO1-2. Change Order No. 1

Revealed by: Engineer

Initiated by: Engineer

Recommendation by: Wastewater Staff

The Incorporated work required the reduction of ninety-nine (99) feet of twenty-seven (27) inch CIPP liner. The reduction was a combination of adjusting what needed to be installed based on field measurements and miss adding the quantity of liner in the original plans and specifications.

<u>Bid Unit Price</u>	<u>Units</u>	<u>Quantity Change</u>	<u>Total Price Change</u>
\$105.00	Linear Feet	(99.0)	\$ (10,395.00)

TOTAL COST FOR CO1-2 \$ (10,395.00)

SUMMARY OF COSTS

CO1-1 \$ 1,230.00

CO1-2 \$ (10,395.00)

TOTAL SUMMARY OF COSTS \$ (9,165.00)

Wastewater staff and the consulting engineer Olsson Associates have reviewed, and agree on the final measured project quantities.

The completed rehabilitation project will bring approximately an additional fifty (50) years of life cycle to the concrete gravity interceptor sewer(s) segments lined.

## **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 authorization to proceed with the final quantities adjustment described in Change Order No. 1 with SAK Construction, LLC of O'Fallen Missouri.

## **Sample Motion**

Move to approve the Mayor of the City of Grand Island, Nebraska authorized on behalf of the City of Grand Island to execute a Change Order No. 1 with SAK Construction, LLC of O'Fallen Missouri in the combined amount of \$(9,165.00), for a reduced total contract amount of \$730,382.00.



## Change Order

No. 1 (Final)

Date of Issuance: August 13, 2013

Effective Date: August 13, 2013

Project: <u>South &amp; West Interceptor Sewer Improvements</u>	Owner: <u>City of Grand Island</u>	Owner's Contract No.: <u>2012-S-4</u>
Contract: <u>South &amp; West Interceptor Sewer Improvements</u>		Date of Contract:
Contractor: <u>SAK Construction; O'Fallon, MO</u>		Engineer's Project No.: <u>011-2347</u>

**The Contract Documents are modified as follows upon execution of this Change Order:**

Description: Adjust contract to final quantities that were installed.

Attachments: (List documents supporting change):

See attached breakdown of adjusted final quantities.

**CHANGE IN CONTRACT PRICE:**

Original Contract Price:

\$ 739,547.00

Increase from previously approved Change Orders

No. N/A to No. N/A:

\$ 0.00

Contract Price prior to this Change Order:

\$ 739,547.00

Decrease of this Change Order:

\$ (9,165.00)

Contract Price incorporating this Change Order:

\$ 730,382.00

**CHANGE IN CONTRACT TIMES:**

Original Contract Times: ☐ Working days ☐ Calendar days

Substantial completion (days or date): N/A

Ready for final payment (days or date): June 30, 2013

Increase from previously approved Change Orders

No. N/A to No. N/A:

Substantial completion (days): N/A

Ready for final payment (days): N/A

Contract Times prior to this Change Order:

Substantial completion (days or date): N/A

Ready for final payment (days or date): June 30, 2013

Increase of this Change Order:

Substantial completion (days or date): N/A

Ready for final payment (days or date): July 12, 2013

Contract Times with all approved Change Orders:

Substantial completion (days or date): N/A

Ready for final payment (days or date): July 12, 2013

By: Carlos Medina  
Engineer (Authorized Signature)

Date: 7/23/13

ACCEPTED:

By: \_\_\_\_\_  
Owner (Authorized Signature)

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

ACCEPTED:

By: Gene O'Donoghue  
Contractor (Authorized Signature)

Date: 7/19/13

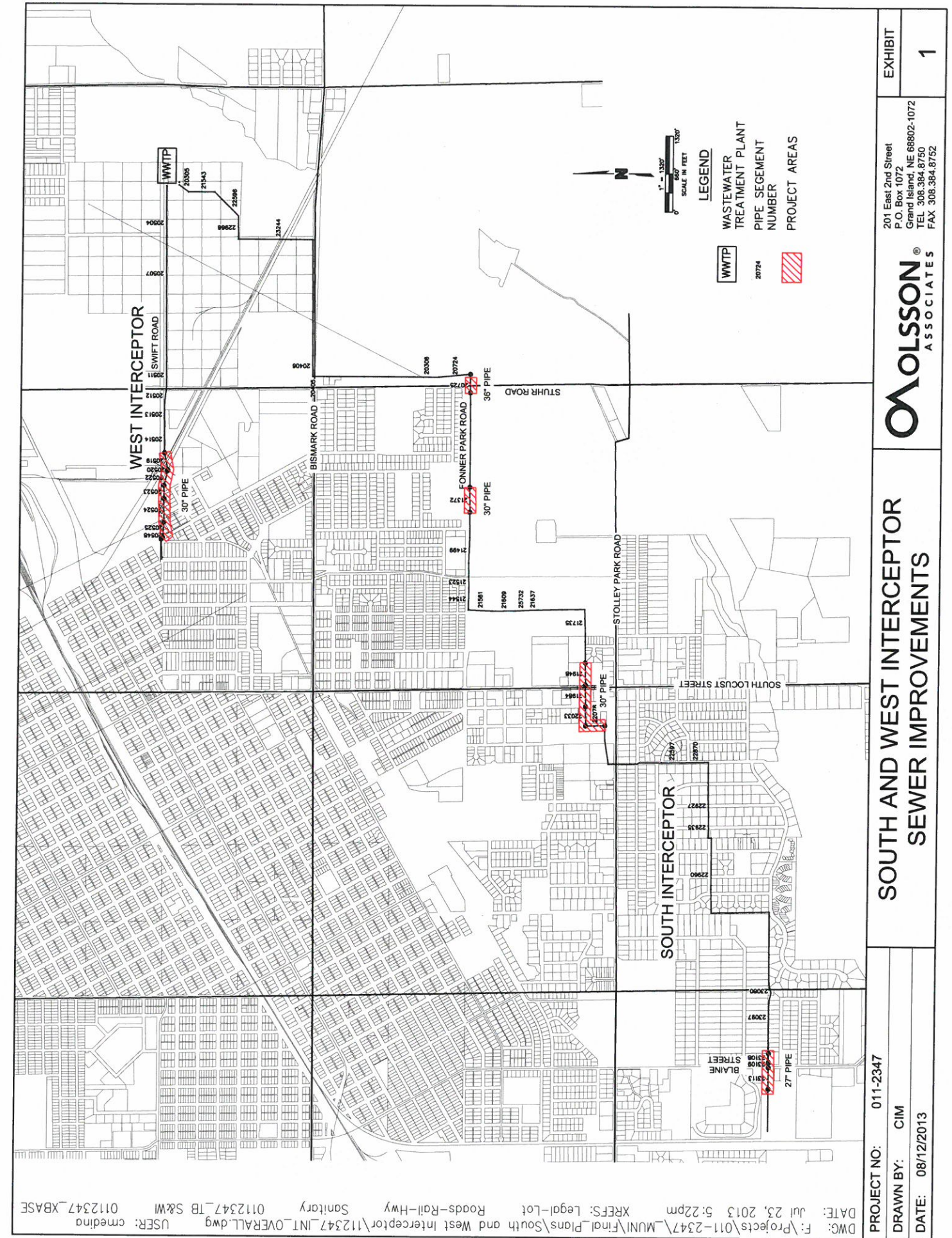
**SEWER PROJECT 2012-S-4  
SOUTH & WEST INTERCEPTOR SEWER IMPROVEMENTS  
GRAND ISLAND, NEBRASKA - 2012**

	Pay Item	Plan Quantity	Unit	Unit Price	Contract Price	Quantity Placed	Total Completed	Quantity Change	Total Price Changed
C1.01	Mobilization / Demobilization	1	LS	\$24,500.00	\$24,500.00	1	\$24,500.00	0	\$0.00
C1.02	Site Restoration	1	LS	\$4,500.00	\$4,500.00	1	\$4,500.00	0	\$0.00
C1.03	36" C.I.P.P. Liner Installation	756	LF	\$157.00	\$118,692.00	756	\$118,692.00	0	\$0.00
C1.04	30" C.I.P.P. Liner Installation	2955	LF	\$123.00	\$363,465.00	2965	\$364,695.00	10	\$1,230.00
C1.05	27" C.I.P.P. Liner Installation	722	LF	\$105.00	\$75,810.00	623	\$65,415.00	(99)	(\$10,395.00)
C1.06	Bypass Pumping	1	LS	\$117,500.00	\$117,500.00	1	\$117,500.00	0	\$0.00
C1.07	Dewatering	1	LS	\$1,000.00	\$1,000.00	1	\$1,000.00	0	\$0.00
C1.08	S. Locust Bypass Structure	1	LS	\$25,630.00	\$25,630.00	1	\$25,630.00	0	\$0.00
C1.09	Burdick Bypass Structure	1	LS	\$4,950.00	\$4,950.00	1	\$4,950.00	0	\$0.00
C1.10	Traffic Control	1	LS	\$3,500.00	\$3,500.00	1	\$3,500.00	0	\$0.00
<b>Total</b>					<b>\$739,547.00</b>		<b>\$730,382.00</b>		<b>(\$9,165.00)</b>

Olsson Associates  
201 East 2nd Street  
Grand Island, Nebraska 68801  
OA No.: 011-2347







PROJECT NO: 011-2347		SOUTH AND WEST INTERCEPTOR SEWER IMPROVEMENTS		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
DRAWN BY: CIM		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
DATE: Jul 23, 2013 5:22pm		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
DWG: F:\Projects\011-2347\MUNI\Final_Plans\South and West Interceptor\112347_INT_OVERALL.dwg		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
USER: cmeding		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
XREFS: Legal-Lot		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
Roads-Rail-Hwy		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
Sanitary		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
0112347_TB S&W		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
0112347_XBASE		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	
0		DATE: 08/12/2013		201 East 2nd Street P.O. Box 1072 Grand Island, NE 68802-1072 TEL 308.384.8750 FAX 308.384.8752	

RESOLUTION 2013-262

WHEREAS, On November 13, 2012, Resolution 2012-330, City Council awarded, Project 2012-S-4, South & West Interceptor Sewer Improvements to SAK Construction, LLC of O'Fallen Missouri in the contract amount of \$739,547.00; and

WHEREAS, Change Order No. 1 balances the construction bid unit quantities measurements based on the actual field measurements from final installed work in cost reduction amount of \$(10,395.00).

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that authorization to proceed with scope described in Change Order No. 1 with SAK Construction, LLC of O'Fallen Missouri is hereby approved for a revised contract amount of \$730,382.00; and

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such Change Order No. 1 on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 13, 2013.

\_\_\_\_\_  
Jay Vavricek, Mayor

Attest:

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

Approved as to Form	☐ _____
August 13, 2013	☐ City Attorney