



# City of Grand Island

Tuesday, September 28, 2021

Council Session

## Item G-13

**#2021-246 - Approving Certificate of Final Completion for  
Downtown Sanitary Sewer Manhole Rehabilitation; Project No.  
2020-S-7**

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

# Council Agenda Memo

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

**Meeting:** September 28, 2021

**Subject:** Approving Certificate of Final Completion for Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7

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

## Background

Redina Construction Company of Glen Ellyn, Illinois was awarded a \$259,833.00 contract on November 10, 2020, via Resolution No. 2020-280, for Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7.

Public Works took a proactive approach in rehabilitating sanitary sewer in the downtown area to avoid failures. Cured in Place Pipe (CIPP) lining was completed last year in which pipes were lined to rehabilitate the sanitary sewer pipe structural integrity of the collection system. This portion of the project improved the structural stability of the existing brick manholes in this same area. The project was broken into two (2) parts to maximize the contractor experience of each specialty operation. This infrastructure is constricted within alleyways and right-of-way of the project boundary, which is Clark Street to the west, South Front Street to the north, Plum Street to the east, and First Street to the south. Additional failing pieces in the area were assessed to determine the best rehabilitation method. Segments are mostly 8-inch pipe, with total length of approximately 13,000 linear feet.

There are approximately 230 miles of gravity sewer within the City of Grand Island's collection system. The majority of this infrastructure is between 26 and 75 years old, and between 8 and 18 inches in diameter. The majority of the sanitary sewer rehabilitations were for old clay tile pipe and or damaged / dilapidated manholes.

## Discussion

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans and specifications. Construction was completed for a total cost of \$254,354.60. Additional project costs are shown below.

***ADDITIONAL COSTS***

City of Grand Island- PW Engineering	Engineering Services	\$ 279.56
Olsson, Inc.	Engineering Services	\$ 38,037.35
Grand Island Independent	Advertising	\$ 93.87
		\$ 38,410.78

Total project cost is \$292,765.38.

**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 the Certificate of Final Completion for Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7.

**Sample Motion**

Move to approve the Certificate of Final Completion.

## ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7  
CITY OF GRAND ISLAND, NEBRASKA  
September 28, 2021

TO THE MEMBERS OF THE COUNCIL  
CITY OF GRAND ISLAND  
GRAND ISLAND, NEBRASKA

This is to certify that Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7 has been fully completed by Redina Construction Company of Glen Ellyn, Illinois under the contract awarded November 10, 2020. The work has been completed in accordance with the terms, conditions, and stipulations of said contract and complies with the contract, the plans and specifications. The work is hereby accepted for the City of Grand Island, Nebraska, by me as Public Works Director in accordance with the provisions of Section 16-650 R.R.S., 1943.

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
<b>Alternate Base Bid Section "A"-</b>					
1A	MOBILIZATION/DEMOBILIZATION	1.00	LS	\$ 3,741.00	\$ 3,741.00
2A	MANHOLE REHABILITATION- CEMENTITIOUS LINING (1.5")	444.40	VF	\$ 89.00	\$ 39,551.60
3A	MANHOLE REHABILITATION- EPOXY LINING	488.00	VF	\$ 119.00	\$ 58,072.00
4A	REMOVE MANHOLE STEP	179.00	EA	\$ 30.00	\$ 5,370.00
5A	PLACE MANHOLE ADJUSTMENT RING	15.00	EA	\$ 2,486.00	\$ 37,290.00
6A	REMOVE AND REPLACE MANHOLE RING AND COVER	20.00	EA	\$ 2,768.00	\$ 55,360.00
7A	REPAIR MANHOLE	4.00	EA	\$ 605.00	\$ 2,420.00
8A	REPAIR MANHOLE INFILTRATION LEAK	1.00	EA	\$ 221.00	\$ 221.00
9A	REPAIR MANHOLE BENCH	44.00	EA	\$ 366.00	\$ 16,104.00
10A	REPAIR MANHOLE FLOWLINE	38.00	EA	\$ 552.00	\$ 20,976.00
11A	BYPASS PUMPING	19.00	EA	\$ 315.00	\$ 5,985.00
12A	REMOVE AND REPLACE 6" CONCRETE PAVEMENT	32.80	SY	\$ 130.00	\$ 4,264.00
13A	TRAFFIC CONTROL	1.00	LS	\$ 5,000.00	\$ 5,000.00
<b>Total Alternate Base Bid Section "A"=</b>					<b>\$ 254,354.60</b>

I hereby acknowledge that Redina Construction Company of Glen Ellyn, Illinois has been paid in full, for the amount of \$254,354.60, by the City of Grand Island for the completion of Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name & Title

**Additional Costs:**

City of Grand Island- PW Engineering	Engineering Services	\$ 279.56
Olsson, Inc.	Engineering Services	\$ 38,037.35
Grand Island Independent	Advertising	\$ 93.87

**Total Additional Costs= \$ 38,410.78**

<b>Total Project Cost=</b>	<b>\$292,765.38</b>
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I hereby recommend that the Engineer's Certificate of Final Completion for Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7 be approved.

\_\_\_\_\_  
John Collins – City Engineer/Public Works Director

\_\_\_\_\_  
Roger G. Steele – Mayor

RESOLUTION 2021-246

WHEREAS, the City Engineering/Public Works Director for the City of Grand Island issued a Certificate of Final Completion for Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7 certifying that Redina Construction Company of Glen Ellyn, Illinois, under contract, has completed such project for the total construction amount of \$254,354.60; and

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the project; and

WHEREAS, additional project costs equate to \$38,410.78, as shown

**ADDITIONAL COSTS**

City of Grand Island- PW Engineering	Engineering Services	\$ 279.56
Olsson, Inc.	Engineering Services	\$ 38,037.35
Grand Island Independent	Advertising	\$ 93.87
		\$ 38,410.78

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director, and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion for Downtown Sanitary Sewer Manhole Rehabilitation; Project No. 2020-S-7, in the amount of \$292,765.38 is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, September 28, 2021.

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

Attest:

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

Approved as to Form    ☐ \_\_\_\_\_  
September 24, 2021    ☐ City Attorney