



City of Grand Island

Tuesday, August 25, 2009

Council Session

Item G13

**#2009-198 - Approving Certificate of Final Completion for
Sanitary Sewer Project No. 2009-S-2; Saint Patrick Avenue -
Manhole and Valve**

Staff Contact: Steven P. Riehle, Public Works Director

Council Agenda Memo

From: Steven P. Riehle, Public Works Director

Meeting: August 25, 2009

Subject: Approving Certificate of Final Completion for Sanitary Sewer Project No. 2009-S-2; Saint Patrick Avenue - Manhole and Valve

Item #'s: G-13

Presenter(s): Steven P. Riehle, Public Works Director

Background

General Excavating Company of Lincoln, Nebraska was awarded a \$43,250.50 contract on March 10, 2009. The contract was for the installation of a sanitary sewer manhole and valve for Lift Station #19.

In May of 2005 and June of 2008 Lift Station #19 at Diers and Capital Avenue was overwhelmed by infiltration and inflow into the sanitary sewer system. The homes in the O'Flanagan, O'Grady, Kelly and St. Patrick area (commonly referred to as Irish Acres) experienced sanitary sewer backups.

Lift Station #19 is scheduled to be replaced with a new and larger station in the future. To protect the Irish Acres neighborhood against future sanitary sewer backups, an isolation valve and manhole was designed to be installed along St. Patrick Avenue just south of Kelly Street. If Lift Station #19 becomes overloaded the valve will be shut and a pump installed to pump around the valve. The system is temporary and will provide significant protection to homes in the Irish Acres area.

Work commenced on April 8, 2009 and was completed on May 13, 2009.

Discussion

The project was completed in accordance with the terms, conditions and stipulations of the contract, plans and specifications. It was completed with an overrun of \$6,044.25 because of additional concrete pavement that needed to be removed, for a total cost of \$49,294.75.

Due to some sections of pavement needing to be replaced the Streets Division of the Public Works Department is going to be paying \$5,100.00 towards this project for street repair.

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 Sanitary Sewer Project No. 2009-S-2.

Sample Motion

Move to approve the Certificate of Final Completion for Sanitary Sewer Project No. 2009-S-2.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Sanitary Sewer Project No. 2009-S-2; St. Patrick Avenue
CITY OF GRAND ISLAND, NEBRASKA
August 25, 2009

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

This is to certify that Sanitary Sewer Project No. 2009-S-2; St. Patrick Avenue- Manhole and Valve has been fully completed by General Excavating of Lincoln, Nebraska under the contract dated March 10, 2009. 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.

Sanitary Sewer Project No. 2009-S-2; St. Patrick Avenue-Manhole & Valve

<u>No.</u>	<u>Description</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Total Quantity</u>	<u>Total Cost</u>
1.	Remove P.C. Concrete Pavement	\$ 11.00	s.y.	199.00	\$ 2,189.00
2.	Build 7" P.C. Concrete Pavement	\$ 74.00	s.y.	199.00	\$14,726.00
3.	Build Integral Curb	\$ 26.00	l.f.	97.50	\$ 2,535.00
4.	Remove 4" P.C. Concrete Sidewalk	\$ 1.25	s.f.	125.00	\$ 156.25
5.	Build 4" P.C. Concrete Sidewalk	\$ 8.40	s.f.	125.00	\$ 1,050.00
6.	Remove Existing 12" Sanitary Sewer Pipe	\$ 79.00	l.f.	14.00	\$ 1,106.00
7.	Build 12" D.I.P. Sanitary Sewer Pipe	\$ 195.00	l.f.	14.00	\$ 2,730.00
8.	12" Joint Encasement	\$ 460.00	ea.	2.00	\$ 920.00
9.	Install 12" Sanitary Sewer Gate Valve on 12" D.I.P. Pipe; Gate Valve Supplied by WWTP (Stainless Steel)	\$ 600.00	l.s.	1.00	\$ 600.00
10.	Build 5' Diameter Standard Manhole with Traffic Loading Flat Top	\$3,440.00	ea.	1.00	\$ 3,440.00
11.	Build 5' Diameter M.H. Extra Depth	\$ 350.00	v.f.	12.67	\$ 4,434.50
12.	Pavement Sawcut	\$ 7.00	l.f.	0.00	\$ 0.00
13.	Furnish and Place Type "B" Bedding	\$ 14.00	l.f.	22.00	\$ 308.00
14.	Sheet Piling	\$6,100.00	l.s.	1.00	\$ 6,100.00
15.	Constructing Dewatering	\$9,000.00	l.s.	1.00	\$ 9,000.00
Original Project Total					\$49,294.75

Summary of Other Costs

Engineering – Public Works Department	\$ 4,929.48
Advertising	\$ 54.36
Platte Valley Laboratories	\$ 100.00
Island Sprinkler Supply	\$ 29.47
Kelly Supply	\$ 49.92
Precision Industries	\$ 19.79

Total of Other Costs	\$ 5,183.02

**TOTAL COSTS OF SANITARY SEWER PROJECT NO. 2009-S-2; ST. PATRICK AVE-
MANHOLE AND VALVE** **\$54,477.77**

Respectfully submitted,

Steven P. Riehle
City Engineer/Public Works Director

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

I hereby recommend that the Engineer's Certificate of Final Completion for Sanitary Sewer Project No. 2009-S-2; St. Patrick Avenue-Manhole and Valve be approved.

I further recommend that the Costs of Engineering be credited to Account No. 10033001.74516 from Account No. 53030055.85213.53009 in the amount of \$4,929.48.

I further recommend that the costs of Concrete Pavement Repair be credited to Account No. 53030055.85213.53009 from Account No. 10033506-85351 in the amount of \$5,100.00.

Respectfully submitted,

Margaret Hornady
Mayor

I hereby recommend that the Engineer's Certificate of Final Completion for Sanitary Sewer Project No. 2009-S-2; St. Patrick Avenue-Manhole and Valve be approved.

Steven P. Riehle – City Engineer/Public Works Director

Margaret Hornady – Mayor

RESOLUTION 2009-198

WHEREAS, the City Engineer/Public Works Director for the City of Grand Island has issued a Certificate of Completion for Sanitary Sewer Project No. 2009-S-2; Saint Patrick Avenue – Manhole & Valve, certifying that General Excavation Company of Lincoln, Nebraska, under contract, has completed the installation of the sanitary sewer manhole & valve; and

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

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 Completion for Sanitary Sewer Project No. 2009-S-2, Saint Patrick Avenue – Manhole & Valve, is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 25, 2009.

Margaret Hornady, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
August 21, 2009	☐ City Attorney