



City of Grand Island

Tuesday, August 25, 2009

Council Session

Item G14

**#2009-199 - Approving Certificate of Final Completion for
Sanitary Sewer District No. 76 Replacement; Vine Street, Between
Ashton Avenue and Koenig Street**

Staff Contact: Steven R. 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 District No. 76 Replacement; Vine Street, Between Ashton Avenue and Koenig Street

Item #'s: G-14

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

Background

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$211,322.19 contract at the June 23, 2009 regular City Council meeting. Change Order #1 for this project was approved by City Council on July 28, 2009 in the amount of \$4,000.00 to a sanitary sewer manhole. This project was necessary due to the deterioration and collapse of the sanitary sewer line that serves this area. Work commenced on June 29, 2009 and was completed on August 7, 2009.

Discussion

The project was completed in accordance with the terms, conditions and stipulations of the contract, plans and specifications. There was an overrun on the excavation of unsuitable material because the soil under the pipe was unacceptable and had to be excavated and replaced with suitable soil. The entire project was completed with a net overrun of \$4,166.15 for a total construction contract cost of \$219,488.34.

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

Public Works Administration recommends that the Council approve the Certificate of Final Completion for Sanitary Sewer District No. 76 Replacement; Vine Street, between Ashton Avenue and Koenig Street.

Sample Motion

Move to approve the Certificate of Final Completion for Sanitary Sewer District No. 76.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Sanitary Sewer District No. 76 Replacement
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 District No. 76 Replacement has been fully completed by The Diamond Engineering Company of Grand Island, Nebraska under the contract dated June 23, 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 District No. 76 Replacement

<u>No.</u>	<u>Description</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Plan Quantity</u>	<u>Total Quantity</u>	<u>Total Cost</u>
1.	Remove 15" Sanitary Sewer	\$ 12.80	I.f.	527.10	507.00	\$ 6,489.60
2.	Build 15" P.V.C. Sanitary Sewer	\$ 132.19	I.f.	527.10	507.00	\$67,020.33
3.	Remove Existing Services & Replace With 4" or 6" P.V.C. Services	\$ 1,371.52	ea.	8.00	9.00	\$12,343.68
4.	Remove Existing Storm Sewer Manhole At Sta. 0+06.25 (if needed)	\$ 652.27	ea.	1.00	0.00	\$ 0.00
5.	Build 5' Diameter Storm Sewer Manhole	\$ 2,609.45	ea.	1.00	0.00	\$ 0.00
6.	Build 5' Diameter Manhole Extra Depth	\$ 371.13	v.f.	.82	0.00	\$ 0.00
7.	Construct San. Sewer M.H. Entrance	\$ 1,804.89	ea.	2.00	1.00	\$ 1,804.89
8.	Remove P.C. Conc. Pavement	\$ 6.00	s.y.	1,206.00	1,279.78	\$ 7,678.68
9.	Replace 7" P.C. Conc. Pavement	\$ 46.17	s.y.	1,206.00	1,279.78	\$59,087.44
10.	Pavement Sawcut	\$ 3.80	I.f.	41.00	0.00	\$ 0.00
11.	Remove 12", 15" & 18" Conc. St. S. Pipe	\$ 11.97	I.f.	37.50	8.00	\$ 95.76
12.	Build 12" Concrete Storm Sewer Pipe	\$ 48.25	I.f.	22.50	8.00	\$ 386.00
13.	Build 15" Concrete Storm Sewer Pipe	\$ 52.00	I.f.	7.50	0.00	\$ 0.00
14.	Build 18" Concrete Storm Sewer Pipe	\$ 59.45	I.f.	7.50	0.00	\$ 0.00
15.	15" Joint Encasement w/ Furnco San. S.	\$ 612.74	ea.	1.00	1.00	\$ 612.74
16.	Furnish and Place Type "B" Bedding	\$ 19.98	I.f.	527.10	507.00	\$10,129.86
17.	Construction Dewatering	\$26,338.56	I.s.	1.00	1.00	\$26,338.56
18.	Unsuitable Material Excavation	\$ 23.04	c.y.	600.00	1,020.00	\$23,500.80
19.	Build 4' Diameter Manhole (Change Order #1)	\$ 4,000.00	I.s.	1.00	1.00	\$ 4,000.00
Original Project Total						----- \$219,488.34

Summary of Other Costs

Engineering – Public Works Department	\$21,948.84
Advertising	\$ 67.78
Platte Valley Laboratories	\$ 750.00

Total of Other Costs	\$22,766.62
TOTAL COSTS OF SANITARY SEWER DISTRICT NO. 76 REPLACEMENT	\$242,254.96

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 District No. 76 Replacement 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 \$21,948.84.

Respectfully submitted,

Margaret Hornady
Mayor

I hereby recommend that the Engineer's Certificate of Final Completion for Sanitary Sewer District No. 76 Replacement be approved.

Steven P. Riehle – City Engineer/Public Works Director

Margaret Hornady – Mayor

RESOLUTION 2009-199

WHEREAS, the City Engineer/Public Works Director for the City of Grand Island has issued a Certificate of Completion for Sanitary Sewer District No. 76 Replacement; Vine Street, between Ashton Avenue and Koenig Street, certifying that The Diamond Engineering Company of Grand Island, Nebraska, under contract, has completed the repair; 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 District No. 76 Replacement, Vine Street, between Ashton Avenue and Koenig Street, 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