



City of Grand Island

Tuesday, January 23, 2018

Council Session

Item G-15

#2018-22 - Approving Certificate of Final Completion for North Broadwell Avenue Drainage; Project No. 2017-D-3

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: January 23, 2018

Subject: Approving Certificate of Final Completion for North Broadwell Avenue Drainage; Project No. 2017-D-3

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

Background

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$140,361.50 contract for construction of North Broadwell Avenue Drainage; Project No. 2017-D-3 on April 25, 2017 via Resolution No. 2017-127.

On August 22, 2017, via Resolution No. 2017-235, City Council approved Change Order No. 1 to provide a time extension for project completion from September 1, 2017 to December 15, 2017 with no contract amount modification.

On September 26, 2017, via Resolution No. 2017-264, City Council approved Change Order No. 2 to address a water main conflict in the amount of \$8,328.00, resulting in a revised contract amount of \$148,689.50.

On October 10, 2017, via Resolution No. 2017-275, City Council approved Change Order No. 3 in the amount of \$8,000.00 to cover all work required to install a dewatering well, resulting in a revised contract amount of \$156,689.50.

The drainage improvements are located on North Broadwell Avenue between BNSF Railroad and US Highway 281.

Work commenced on July 27, 2017 and was completed on October 27, 2017.

Discussion

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans and specifications. Construction was completed with an overrun of \$15,578.38, for a total cost of \$172,267.88. The overrun on this project was due to a low clearance water main crossing. Additional work was also completed on the storm sewer pipe to ensure the water main pipe does not get contaminated or freeze. Additional project costs are shown below.

ADDITIONAL COSTS

The Grand Island Independent	Advertising	\$ 109.47
Olsson Associates	Construction Observation	\$ 5,410.62
Additional Costs = \$		5,520.09

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 North Broadwell Avenue Drainage; Project No. 2017-D-3.

Sample Motion

Move to approve the Certificate of Final Completion for North Broadwell Avenue Drainage; Project No. 2017-D-3.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

North Broadwell Avenue Drainage; Project No. 2017-D-3
 CITY OF GRAND ISLAND, NEBRASKA
 January 23, 2018

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

This is to certify that North Broadwell Avenue Drainage; Project No. 2017-D-3 has been fully completed by The Diamond Engineering Company of Grand Island, Nebraska under the contract dated April 25, 2017. 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
Base Bid Section					
1	MOBILIZATION	1.00	LS	\$ 3,850.00	\$ 3,850.00
2	REMOVE 60" CM PIPE	302.00	LF	\$ 20.00	\$ 6,040.00
3	60" RC PIPE	302.00	LF	\$ 238.25	\$ 71,951.50
4	60" RCP FLARED END SECTION	6.00	EA	\$ 2,755.00	\$ 16,530.00
5	CRUSHED ROCK EMBEDMENT	104.42	TON	\$ 43.75	\$ 4,568.38
6	BY-PASS PUMPING	1.00	LS	\$ 4,650.00	\$ 4,650.00
7	REMOVE & REPLACE DRIVEWAY	550.50	SY	\$ 57.60	\$ 31,708.80
8	REMOVE & REPLACE PCC CURB	194.00	LF	\$ 38.00	\$ 7,372.00
9	SAW CUTTING	234.00	LF	\$ 5.30	\$ 1,240.20
10	SEEDING, TYPE "B"	0.30	AC	\$ 4,600.00	\$ 1,380.00
11	BARRICADE, TYPE II	170.00	BDAY	\$ 1.70	\$ 289.00
12	BARRICADE, TYPE III	170.00	BDAY	\$ 4.25	\$ 722.50
13	TEMPORARY SIGN DAY	225.00	DAY	\$ 5.10	\$ 1,147.50
14	EROSION CONTROL BLANKET, CLASS 1D	1,425.00	SY	\$ 2.80	\$ 3,990.00
15	EROSION AND SEDIMENT CONTROL	1.00	LS	\$ 500.00	\$ 500.00
Total Base Bid =					\$ 155,939.88

Change Order No. 1

CO1-1	TIME EXTENSION	1.00	LS	\$ -	\$ -
Total Change Order No. 1 =					\$ -

Change Order No. 2

CO2-1	CONCRETE COLLAR	2.00	EA	\$ 1,990.00	\$ 3,980.00
CO2-2	INSULATION & THERMAL TAP INSTALLATION	1.00	LS	\$ 2,350.00	\$ 2,350.00
CO2-3	WATERPROOFING 24 L.F. OF 60" PIPE	1.00	LS	\$ 1,998.00	\$ 1,998.00
Total Change Order No. 2 =					\$ 8,328.00

Change Order No. 3

CO3-1	DEWATERING	1.00	LS	\$ 8,000.00	\$ 8,000.00
Total Change Order No. 3 =					\$ 8,000.00

Grand Total =	\$ 172,267.88
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Additional Costs:

The Grand Island Independent	Advertising	\$ 109.47
Olsson Associates	Construction Observation	\$ 5,410.62
Additional Costs =		\$ 5,520.09

Grand Total =	\$ 177,787.97
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I hereby recommend that the Engineer's Certificate of Final Completion for North Broadwell Avenue Drainage; Project No. 2017-D-3 be approved.

John Collins – City Engineer/Public Works Director

Jeremy L. Jensen – Mayor

RESOLUTION 2018-22

WHEREAS, the City Engineering/Public Works Director for the City of Grand Island issued a Certificate of Final Completion for North Broadwell Avenue Drainage; Project No. 2017-D-3 certifying that The Diamond Engineering Company of Grand Island, Nebraska, under contract, has completed such project for the total construction amount of \$172,267.88; and

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

WHEREAS, additional project costs equate to \$5,520.09, as shown

ADDITIONAL COSTS

The Grand Island Independent	Advertising	\$	109.47
Olsson Associates	Construction Observation	\$	5,410.62
Additional Costs = \$			5,520.09

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

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that:

1. The Certificate of Final Completion for North Broadwell Avenue Drainage; Project No. 2017-D-3, in the amount of \$177,787.97 is hereby confirmed.

Adopted by the City Council of the City of Grand Island, Nebraska, January 23, 2018.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
January 19, 2018	☐ City Attorney