



City of Grand Island

Tuesday, May 9, 2017

Council Session

Item G-10

#2017-141 - Approving Certificate of Final Completion for State Street and Capital Avenue Connector Trail; Project No. ENH-40(59)

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

Council Agenda Memo

From: John Collins PE, Public Works Director

Meeting: May 9, 2017

Subject: Approving Certificate of Final Completion for State Street and Capital Avenue Connector Trail; Project No. ENH-40(59)

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

Background

The State Street and Capital Avenue Connector Trail Project constructed a 0.5 mile, 10' wide concrete recreational trail for bicycle and pedestrian use in the northwest area of Grand Island. This project began on the State Street Trail 0.25 mile west of US Highway 281, extended north within City right-of-way along the west side of the Moores Creek Drainway, and ended at the west end of the concrete trail that was completed along Capital Avenue under project STPAA-5436 for the Eagle Scout Trail.

A pedestrian bridge was also constructed at the south end of the project over the drainage ditch that parallels State Street.

On November 12, 2013, via Resolution No. 2013-359, The Diamond Engineering Company of Grand Island, Nebraska was awarded a contract for the construction of the State Street and Capital Avenue Connector Trail; Project No. ENH-40(59) in the amount of \$346,845.74.

Discussion

The project was completed in accordance with the terms, conditions and stipulations of the contract, plans and specifications. Construction work was completed at a total cost of \$322,120.56, which is an overrun of \$24,725.18. Additional project costs are shown below.

ADDITIONAL PROJECT COSTS

Schemmer Associates, Inc.	Preliminary & Construction Engineering	\$ 202,589.26
Right-of-Way Acquisition	Right-of-Way Acquisition	\$ 10,405.68
<i>Additional Project Costs =</i>		<i>\$ 212,994.94</i>

Total project costs equate to \$535,115.50.

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 State Street and Capital Avenue Connector Trail; Project No. ENH-40(59)).

Sample Motion

Move to approve the Certificate of Final Completion.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

State Street and Capital Avenue Connector Trail; Project No. ENH-40(59)
CITY OF GRAND ISLAND, NEBRASKA
May 9, 2017

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

This is to certify that State Street and Capital Avenue Connector Trail; Project No. ENH-40(59) has been fully completed by The Diamond Engineering Company of Grand Island, Nebraska under the Resolution No. 2013-359, dated November 12, 2013. 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.

State Street and Capital Avenue Connector Trail; Project No. ENH-40(59)

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
Grading -					
30.10	Mobilization	1.00	LS	\$970.47	\$970.47
1009.00	General Clearing and Grubbing	1.00	LS	\$835.24	\$835.24
1011.00	Water	0.00	MGAL	\$55.68	\$0.00
1016.00	Re-Establish Property Corner	3.00	EA	\$300.00	\$900.00
1030.00	Earthwork Measure in Embankment	671.00	CY	\$19.25	\$12,916.75
1101.25	Sawing Pavement	74.00	LF	\$4.30	\$318.20
1107.00	Remove Walk	191.57	SY	\$3.50	\$670.51
1136.11	Remove Flume Spillway	110.09	SY	\$5.41	\$595.58
L006.00	Cover Crop Seeding	0.00	ACR	\$819.33	\$0.00
L019.12	Erosion Control, Class 1C	788.30	SY	\$1.88	\$1,482.00
L022.11	Fabric Silt Fence - Low Porosity	3,230.00	LF	\$3.39	\$10,949.70
Grading Sub-Total =					\$29,638.44

Concrete Pavement -					
30.30	Mobilization	1.00	LS	\$5,573.48	\$5,573.48
1021.25	Remove and Reset Post	0.00	EA	\$56.48	\$0.00
1910.16	Construction Entrance	1.00	LS	\$1,089.79	\$1,089.79
3016.71	6" Concrete Class 47B-3500 Bikeway	3,019.04	SY	\$34.54	\$104,277.68
4159.55	Epoxy Coated Reinforcing Steel	3,993.00	LB	\$1.66	\$6,628.38
6000.10	Abutment No. 1 Excavation	1.00	LS	\$556.83	\$556.83
6000.11	Abutment No. 2 Excavation	1.00	LS	\$556.83	\$556.83
6010.22	Class 47B-3000 Concrete for Bridge	45.20	CY	\$393.24	\$17,774.45
6070.50	Pedestrian Bridge	1.00	LS	\$81,333.74	\$81,333.74
6139.50	Subsurface Drainage Matting	50.78	SY	\$23.45	\$1,190.79
7110.04	4 Foot Chain-Link Fence	64.00	LF	\$35.00	\$2,240.00
7115.04	End Post for 4 Foot Chain-Link Fence	2.00	EA	\$143.18	\$286.36
7116.04	Corner Post for 4 Foot Chain-Link Fence	1.00	EA	\$159.09	\$159.09
7316.00	Sing Type A	2.00	EA	\$116.14	\$232.28
7380.20	Removable Bollard	1.00	EA	\$517.05	\$517.05

8091.00	Granular Backfill	46.70	CY	\$26.25	\$1,225.88
9173.20	Subgrade Preparation	3,117.00	SY	\$4.39	\$13,683.63
L001.025	Seeding, Type B	1.60	ACR	\$2,298.90	\$3,678.24
L032.75	Mulch	3.56	TON	\$437.51	\$1,555.79
8010.00	Crushed Rock for Base Course	24.04	TON	\$79.00	\$1,899.16
3900.18	Additional Work	1.00	LS	\$4,362.50	\$4,362.50
Concrete Pavement Sub-Total =					\$248,821.94

Culverts -					
30.40	Mobilization	1.00	LS	\$596.60	\$596.60
4004.35	Cast Iron Grate and Frame	5,215.00	LB	\$3.20	\$16,688.00
4024.55	Flume Spillway	45.83	LF	\$32.76	\$1,501.49
4100.06	Class 47B-3000 Concrete for Headwall	4.20	CY	\$776.65	\$3,261.93
4105.59	Class 47B-3000 Concrete for Inlet and Junction Box	0.00	CY	\$608.81	\$0.00
4150.02	Epoxy Coated Reinforcing Steel for Headwall	504.00	LB	\$1.63	\$821.52
4155.55	Epoxy Coated Reinforcing Steel for Inlet and Junction Box	455.00	LB	\$1.63	\$741.65
P700.05	18" Storm Sewer Pipe, Type 1, 7 or 8	226.00	LF	\$39.53	\$8,933.78
Culverts Sub-Total =					\$32,544.97

General Items -					
1.08	Barricade, Type II	0.00	Bday	\$0.50	\$0.00
1.10	Barricade, Type III	0.00	Bday	\$2.70	\$0.00
1.90	Sign Day	0.00	EA	\$1.11	\$0.00
1.99	Contractor Furnished Sign Day	12.00	EA	\$3.15	\$37.80
3.10	Flagging	0.00	Day	\$477.28	\$0.00
30.00	Mobilization	1.00	LS	\$357.96	\$357.96
1017.50	Construction Staking and Surveying	1.00	LS	\$10,022.87	\$10,022.87
9110.01	Rental of Loader, Fully Operated	0.00	HR	\$85.00	\$0.00
9110.03	Rental of Dump Truck, Fully Operated	0.00	HR	\$85.00	\$0.00
9110.07	Rental of Skid Loader, Fully Operated	0.00	HR	\$85.00	\$0.00
9110.27	Rental of Crawler Mounted Hydraulic Excavator, Fully Operated	0.00	HR	\$120.00	\$0.00
L022.9	Temporary Silt Fence	245.00	LF	\$2.94	\$720.30
L032.70	Temporary Mulch	0.00	TON	\$517.05	\$0.00
	Fuel Adjustment	1.00	LS	-\$23.71	-\$23.71
General Items Sub-Total =					\$11,115.22
Grand Total =					\$322,120.56

ADDITIONAL PROJECT COSTS

Schemmer Associates, Inc.	Preliminary & Construction Engineering	\$ 202,589.26
Right-of-Way Acquisition	Right-of-Way Acquisition	\$ 10,405.68
Subtotal Additional Project Costs =		\$212,994.94

Total Costs - \$535,115.50

I hereby recommend that the Engineer's Certificate of Final Completion for State Street and Capital Avenue Connector Trail; Project No. ENH-40(59) be approved.

John Collins, PE - City Engineer/Public Works Director

Jeremy L. Jensen – Mayor

RESOLUTION 2017-141

WHEREAS, the City Engineer/Public Works Director for the City Of Grand Island has issued a Certificate of Completion for State Street and Capital Avenue Connector Trail; Project No. ENH-40(59), certifying that The Diamond Engineering Company, of Grand Island, Nebraska, under contract, has completed such project; 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.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion for State Street and Capital Avenue Connector Trail; Project No. ENH-40(59), in the amount of \$535,115.50 is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, May 9, 2017.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	▣ _____
May 5, 2017	▣ City Attorney