



City of Grand Island

Tuesday, October 24, 2017

Council Session

Item G-15

**#2017-300 - Approving Certificate of Final Completion for the 2017
Asphalt Resurfacing Project No. 2017-AC-1**

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: October 24, 2017

Subject: Approving Certificate of Final Completion for the 2017 Asphalt Resurfacing Project No. 2017-AC-1

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

Background

Vontz Paving, Inc. of Hastings, Nebraska was awarded a \$874,083.59 contract by the City Council on February 28, 2017, via Resolution No. 2017-52, for the 2017 Annual Asphalt Resurfacing project, with an original estimate of \$1,173,000. This year's work involved asphalt resurfacing on:

Section #1A. Capital Avenue; Locust Street to Sky Park Road

Section #1B. North Road; Husker Highway to Stolley Park Road

Section #1C. Wildwood Drive; US Highway 281 to Locust Street

Section #1D. Shady Bend Road; Burlington Northern Santa Fe Rail line to Gregory Avenue

On June 27, 2017, via Resolution No. 2017-185, City Council approved Change Order No. 1 in the amount of \$133,225.00, resulting in a revised contract agreement of \$1,007,308.59. This was primarily to cover additional binder oil for the mix, but also for lowering manholes in the Capital Avenue and North Road sections of work.

Discussion

The project was completed in accordance with the terms, conditions and stipulations of the contract, plans and specifications. Construction was completed at a total cost of \$965,750.49, resulting in an underrun of \$41,558.10. The project underrun was due to the contractor's efficient operation resulting in a reduction in traffic control. Also, the amount of performance grade binder used on the project was under the estimated quantity added in Change Order No. 1.

Additional project costs (detailed below) totaled \$10,069.43 for a final project cost of \$975,819.92.

Additional Project Costs-

Grand Island Independent – Advertising	\$122.98
GSI Engineering – Quality Assurance	\$2,335.50
Olsson Associates – Resurfacing Cores	\$2,290.00
Straight Line Striping – Restriping Roadways	\$2,690.95
Midwest Striping, Inc. – Railroad Crossing Kits	\$2,630.00
Additional Project Costs	\$10,069.43

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 Asphalt Resurfacing Project No. 2017-AC-1.

Sample Motion

Move to approve the Certificate of Final Completion for Asphalt Resurfacing Project No. 2017-AC-1.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Asphalt Resurfacing Project No. 2017-AC-1
CITY OF GRAND ISLAND, NEBRASKA
October 24, 2017

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

This is to certify that Asphalt Resurfacing Project No. 2017-AC-1 has been fully completed by Vontz Paving, Inc. of Hastings, Nebraska under the contract dated February 28, 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.

Asphalt Resurfacing Project No. 2017-AC-1

Item Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
Bid Section #1A - Capital Avenue; Locust Street to Sky Park Road					
1	Mobilization / Demobilization	1.00	LS	\$13,950.00	\$13,950.00
2	Cold Milling, Class 1	27,844.50	SY	\$0.60	\$16,706.70
3	Asphaltic Concrete, Type SPR (2")	3,301.54	TON	\$32.65	\$107,795.28
4	Asphaltic Concrete for Patching, Type SPR	97.79	TON	\$130.00	\$12,712.70
5	Performance Graded Binder 58V-34	165.33	TON	\$475.00	\$78,531.75
6	Tack Coat	3,620.00	GAL	\$2.15	\$7,783.00
7	Temporary Sign Day	217.00	DAY	\$5.00	\$1,085.00
8	Barricade, Type II	13.00	BDAY	\$0.50	\$6.50
9	Barricade, Type III	28.00	BDAY	\$5.00	\$140.00
10	Flagging	20.00	DAY	\$375.00	\$7,500.00
11	Earth Shoulder Construction	146.00	STA	\$39.50	\$5,767.00
12	Seeding	1.68	AC	\$2,475.00	\$4,158.00
Total Bid Section #1A =					\$256,135.93

Alternative Bid Section #1A - Beveled Edge

13	Asphaltic Concrete, Type SPR	300.29	TON	\$61.78	\$18,551.92
14	Performance Graded Binder 58V-34	15.04	TON	\$475.00	\$7,144.00
Total Alternative Bid Section #1A =					\$25,695.92

Bid Section #1B - North Road; Husker Highway to Stolley Park Road

1	Mobilization / Demobilization	1.00	LS	\$9,700.00	\$9,700.00
2	Cold Milling, Class 1	15,203.90	SY	\$0.60	\$9,122.34
3	Asphaltic Concrete, Type SPR (2")	1,856.87	TON	\$38.00	\$70,561.06
4	Asphaltic Concrete for Patching, Type SPR	5.32	TON	\$130.00	\$691.60
5	Performance Graded Binder 58V-34	90.48	TON	\$475.00	\$42,978.00
6	Tack Coat	2,100.00	GAL	\$2.15	\$4,515.00
7	Temporary Sign Day	147.00	DAY	\$5.00	\$735.00
8	Barricade, Type II	11.00	BDAY	\$0.50	\$5.50

9	Barricade, Type III	20.00	BDAY	\$5.00	\$100.00
10	Flagging	17.50	DAY	\$375.00	\$6,562.50
11	Earth Shoulder Construction	92.80	STA	\$39.50	\$3,665.60
12	Seeding	1.06	AC	\$2,475.00	\$2,623.50
Total Alternative Bid Section #1B =					\$151,260.10

Alternative Bid Section #1B - Bevelede Edge

13	Asphaltic Concrete, Type SPR	223.71	TON	\$60.60	\$13,556.83
14	Performance Graded Binder 58V-34	10.90	475	\$475.00	\$5,177.50
Total Alternative Bid Section #1B =					\$18,734.33

Bid Section #1C - Wildwood Drive; US Highway 281 to Locust Street

1	Mobilization / Demobilization	1.00	LS	\$9,700.00	\$9,700.00
2	Asphaltic Concrete, Type SPR (1 1/2")	2,400.96	TON	\$34.50	\$82,833.12
3	Asphaltic Concrete, Scratch Course (1/2")	956.35	TON	\$32.50	\$31,081.38
4	Asphaltic Concrete for Patching, Type SPR	0.00	TON	\$130.00	\$0.00
5	Performance Graded Binder 58V-34	122.34	TON	\$475.00	\$58,111.50
6	Tack Coat	5,500.00	GAL	\$2.15	\$11,825.00
7	Temporary Sign Day	86.00	DAY	\$5.00	\$430.00
8	Barricade, Type II	10.00	BDAY	\$0.50	\$5.00
9	Barricade, Type III	12.00	BDAY	\$5.00	\$60.00
10	Flagging	10.00	DAY	\$375.00	\$3,750.00
11	Earth Shoulder Construction	210.00	STA	\$39.50	\$8,295.00
12	Seeding	2.41	AC	\$2,475.00	\$5,964.75
Total Bid Section #1C =					\$212,055.75

Alternative Bid Section #1C- Beveled Edge

13	Asphaltic Concrete, Type SPR	458.34	TON	\$55.78	\$25,566.21
14	Performance Graded Binder	23.35	TON	\$475.00	\$11,091.25
Total Bid Section #6B =					\$36,657.46

Bid Section #1D- Shady Bend Road; BNSF Rail Line to Gregory Avenue

1	Mobilization / Demobilization	1.00	LS	\$9,700.00	\$9,700.00
2	Cold Milling, Class 3 (3")	17,030.30	SY	\$1.50	\$25,545.45
3	Asphaltic Concrete, Type SPR (3")	2,751.68	TON	\$33.50	\$92,181.28
4	Asphaltic Concrete for Patching, Type SPR	3.45	TON	\$130.00	\$448.50
5	Performance Graded Binder 58V-34	138.05	TON	\$475.00	\$65,573.75
6	Tack Coat	3,472.00	GAL	\$2.15	\$7,464.80
7	Temporary Sign Day	111.00	DAY	\$5.00	\$555.00
8	Barricade, Type II	30.00	BDAY	\$0.50	\$15.00
9	Barricade, Type III	14.00	BDAY	\$5.00	\$70.00
10	Flaggingin	16.50	DAY	\$375.00	\$6,187.50
11	Earth Shoulder Construction	112.00	STA	\$39.50	\$4,424.00
12	Seeding	1.29	AC	\$2,475.00	\$3,192.75
13	Railroad Coordination	1.00	LS	\$5,000.00	\$5,000.00

14	Railroad Flagging	2.00	DAY	\$1,000.00	\$2,000.00
Total Bid Section #1D =					\$222,358.03

Alternative Bid Section #1D- Beveled Edge

15	Asphaltic Concrete, Type SPR	278.88	TON	\$52.38	\$14,607.73
16	Performance Graded Binder 58V-34	13.99	TON	\$475.00	\$6,645.25
Total Bid Section #6B =					\$21,252.98

Change Order No. 1

CO1-1	Additional PG Binder	0.00	TON	\$475.00	\$0.00
CO1-2	Lower Manhole	36.00	Ea	\$600.00	\$21,600.00
Total Bid Section Change Order No. 1=					\$21,600.00
Construction Grand Total =					\$965,750.49

Additional Project Costs-

Grand Island Independent – Advertising	\$ 122.98
GSI Engineering – Quality Assurance	\$ 2,335.50
Olsson Associates – Resurfacing Cores	\$ 2,290.00
Straight Line Striping – Restriping Roadways	\$ 2,690.95
Midwest Striping, Inc. – Railroad Crossing Kits	\$ 2,630.00
Additional Project Costs	\$10,069.43

Asphalt Resurfacing Project No. 2017-AC-1 Project Total = \$975,819.92

I hereby recommend that the Engineer's Certificate of Final Completion for Asphalt Resurfacing Project No. 2017-AC-1 be approved.

John Collins, PE - City Engineer/Public Works Director

Jeremy L. Jensen – Mayor

RESOLUTION 2017-300

WHEREAS, the City Engineer/Public Works Director for the City Of Grand Island has issued a Certificate of Completion for Project No. 2017-AC-1, Asphalt Resurfacing, certifying that Vont Paving, Inc. of Hastings, Nebraska, under contract, has completed the asphalt resurfacing; 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, attached as Exhibit "A" for Project No. 2017-AC-1, Asphalt Resurfacing, in the amount of \$975,819.92, is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 24, 2017.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
October 20, 2017	☐ City Attorney