



City of Grand Island

Tuesday, November 08, 2011

Council Session

Item G13

**#2011-332 - Approving Certificate of Final Completion for the
2011 Asphalt Resurfacing Project No. 2011-AC-1**

Staff Contact: John Collins, Public Works Director

Council Agenda Memo

From: Scott Griepenstroh, PW Project Manager

Meeting: November 8, 2011

Subject: Approving Certificate of Final Completion for the 2011 Asphalt Resurfacing Project No. 2011-AC-1

Item #'s: G-13

Presenter(s): John Collins, Public Works Director

Background

J.I.L. Asphalt Paving Company of Grand Island, Nebraska was awarded a \$305,464.36 contract on July 12, 2011, 2010. Work on the project commenced on August 8, 2011 and was completed on October 25, 2011.

City Council approved Change Order No. 1 on September 13, 2011 to allow widening of each corner of the Capital Avenue and Sky Park intersection to better accommodate turning movements for large semitrailers. Change Order No. 1 was for \$22,788.00 resulting in a revised contract amount of \$328,252.36.

Change Order No. 2 was approved by City Council on October 11, 2011 and addressed additional work performed on Wyandotte Street and Stoeger Drive, due to delamination at the fabric layer during milling operations and also eliminated the milling operations on the section of Wyandotte Street. Change Order No. 2 resulted in a contract decrease of \$551.58, resulting in a revised contract price of \$327,700.78

Discussion

The project was completed in accordance with the terms, conditions and stipulations of the contract, plans and specifications. Work was completed at a total cost of \$333,819.07.

The project was overrun by a total of \$6,118.29, which was due to extra asphalt cement being added to reach an approved mix design. Through production testing it was confirmed that the material properties achieved performance standards. The specifications required a minimum content of 5.0%, with 5.3% being reached. Extra

flagging work to direct traffic through work zones was deemed necessary at all nine original locations, adding to the cost of the project. Initially flagging was thought only to be necessary on Stuhr Road and Claude Road.

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 Asphalt Resurfacing Project No. 2011-AC-1.

Sample Motion

Move to approve the Certificate of Final Completion for Asphalt Resurfacing Project No. 2011-AC-1.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Asphalt Resurfacing Project No. 2011-AC-1
CITY OF GRAND ISLAND, NEBRASKA
November 8, 2011

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

This is to certify that Asphalt Resurfacing Project No. 2011-AC-1 has been fully completed by J.I.L. Asphalt Paving Company of Grand Island, Nebraska under the contract dated July 12, 2011. 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. 2011-AC-1

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
Bid Section #1 - August Street					
1	Tack Coat	475.00	gal	\$1.00	\$475.00
2	Milling	3,812.00	s.y.	\$2.11	\$8,043.32
3	Type "SPL-B"	375.05	ton	\$24.45	\$9,169.97
4	Asphalt Cement	4,853.30	gal	\$3.08	\$14,948.16
Total Bid Section #1 =					\$32,636.46

Bid Section #2 - Wyandotte Street

1	Tack Coat	375.00	gal	\$1.00	\$375.00
2	Milling	0.00	s.y.	\$2.11	\$0.00
3	Type "SPL-B"	340.69	ton	\$24.45	\$8,329.87
4	Asphalt Cement	4,602.96	gal	\$3.08	\$14,177.12
Total Bid Section #2 =					\$22,881.99

Bid Section #3 - Darr Avenue

1	Tack Coat	82.00	gal	\$1.00	\$82.00
2	Milling	250.00	s.y.	\$2.11	\$527.50
3	Type "SPL-B"	75.39	ton	\$24.45	\$1,843.29
4	Asphalt Cement	921.68	gal	\$3.08	\$2,838.77
Total Bid Section #3 =					\$5,291.56

Bid Section #4 - 7th Street

1	Tack Coat	175.00	gal	\$1.00	\$175.00
2	Milling	680.00	s.y.	\$2.11	\$1,434.80
3	Type "SPL-B"	157.73	ton	\$24.45	\$3,856.50
4	Asphalt Cement	1,770.46	gal	\$3.08	\$5,453.02
Total Bid Section #4 =					\$10,919.32

Bid Section #5 - Stoeger Drive

1	Tack Coat	193.00	gal	\$1.00	\$193.00
2	Milling	750.00	s.y.	\$2.11	\$1,582.50
3	Type "SPL-B"	220.44	ton	\$24.45	\$5,389.76
4	Asphalt Cement	2,781.19	gal	\$3.08	\$8,566.07
Total Bid Section #5 =					\$15,731.32

Bid Section #6 - 9th Street

1	Tack Coat	100.00	gal	\$1.00	\$100.00
2	Milling	300.00	s.y.	\$2.11	\$633.00
3	Type "SPL-B"	96.41	ton	\$24.45	\$2,357.22
4	Asphalt Cement	1,286.30	gal	\$3.08	\$3,961.80
Total Bid Section #6 =					\$7,052.03

Bid Section #7 - Boggs Avenue

1	Tack Coat	300.00	gal	\$1.00	\$300.00
2	Milling	2,646.00	s.y.	\$2.11	\$5,583.06
3	Type "SPL-B"	283.68	ton	\$24.45	\$6,935.98
4	Asphalt Cement	3,553.85	gal	\$3.08	\$10,945.86
Total Bid Section #7 =					\$23,764.89

Bid Section #8 - Claude Road

1	Tack Coat	1,300.00	gal	\$1.00	\$1,300.00
2	Milling	4,900.00	s.y.	\$2.11	\$10,339.00
3	Type "SPL-A"	1,031.80	ton	\$24.25	\$25,021.15
4	Asphalt Cement	13,241.95	gal	\$3.08	\$40,785.21
5	Shoulder Construction	17.62	sta.	\$102.00	\$1,797.24
Total Bid Section #8 =					\$79,242.60

Bid Section #9 - Stuhr Road

1	Tack Coat	1,400.00	gal	\$1.00	\$1,400.00
2	Milling	5,900.00	s.y.	\$2.11	\$12,449.00
3	Type "SPL-A"	1,349.66	ton	\$24.25	\$32,729.26
4	Asphalt Cement	15,939.78	gal	\$3.08	\$49,094.52
5	Shoulder Construction	23.30	sta.	\$102.00	\$2,376.60
Total Bid Section #9 =					\$98,049.38

Bid Section #10 - Job Mix Design & Miscellaneous Items

1	Job Mix Design for Asphaltic Concrete, Type "SPL-A"	1.00	l.s.	\$900.00	\$900.00
2	Job Mix Design for Asphaltic Concrete, Type "SPL-B"	1.00	l.s.	\$900.00	\$900.00
3	Flagging (15 days)	62.00	l.s.	\$1,200.00	\$4,960.00
4	Mobilization	1.00	l.s.	\$500.00	\$500.00
Total Bid Section #10 =					\$7,260.00

SubTotal Total - Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, & 10=	\$302,829.54
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Change Order No. 1

CO - 1	Asphalt Concrete, Type SPL-1 (64-22)	291.21	ton	\$84.40	\$24,578.12
Total Bid Change Order No. 1 =					\$24,578.12

Change Order No. 2

CO-2A	Asphaltic Concrete Patching	933.00	s.y.	\$5.08	\$4,739.64
CO-2B	Asphaltic Concrete for Patching, Type B	32.62	ton	\$51.25	\$1,671.78
CO-2C	Milling (Wyandotte Street) - Bid Section #2	0.00	s.y.	\$2.11	\$0.00
Total Bid Section #10 =					\$6,411.42

PROJECT TOTAL =	\$333,819.08
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I hereby recommend that the Engineer's Certificate of Final Completion for Asphalt Resurfacing Project No. 2011-AC-1 be approved.

John Collins – City Engineer/Public Works Director

Jay Vavricek – Mayor

RESOLUTION 2011-332

WHEREAS, the City Engineer/Public Works Director for the City Of Grand Island has issued a Certificate of Completion for Project No. 2011-AC-1, Asphalt Resurfacing, certifying that J.I.L. Asphalt Paving Company of Grand Island, 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; and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion for Project No. 2011-AC-1, Asphalt Resurfacing, is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 8, 2011.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk