



# City of Grand Island

Tuesday, October 11, 2011

Council Session

## Item G12

**#2011-303 - Approving Change Order No. 2 for Asphalt  
Maintenance Project 2011-AC-1**

Staff Contact: John Collins, Public Works Director

# **Council Agenda Memo**

**From:** Scott Griepenstroh, PW Project Manager

**Meeting:** October 11, 2011

**Subject:** Approving Change Order No. 2 for Asphalt Maintenance Project 2011-AC-1

**Item #'s:** G-12

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

## **Background**

J.I.L. Asphalt Paving Co., of Grand Island, Nebraska was awarded a \$305,464.36 contract by the City Council on July 12, 2011 for the annual asphalt overlay project. The estimate for the 2011 asphalt resurfacing project was \$332,451.83 with a total of \$610,000.00 budgeted.

On September 13, 2011 City Council approved Change Order No. 1 for the Asphalt Maintenance Project 2011-AC-1, in the amount of \$22,788.00. This change order allowed for the widening of each corner at the intersection of Capital Avenue and Sky Park to better accommodate turning movements for large semitrailers.

## **Discussion**

The items “Asphaltic Concrete Patching” and “Asphaltic Concrete for Patching, Type B” are being added to the contract to compensate the contractor for additional work performed on Wyandotte Street and Stoeger Drive.

When milling operations started on Wyandotte Street, it was immediately discovered that the existing asphalt road had a fabric layer approximately 1/2” to 1” below the top surface, and the milling operation was causing delamination at the layer of fabric.

The Project Manager directed the contractor to stop the milling operation. At locations where it was necessary for the top surface of the new asphalt to meet existing pavement (at ends of the paving segment and at concrete intersections), the contractor was directed to remove all existing pavement and 2” of subgrade, then place a bottom layer of asphalt for patching. This was done so that the overlay of new asphalt would match existing pavement.

On the west side of Stoeger Drive, the milling contractor was incorrectly directed to mill full depth, 7 feet wide from the curb instead of tapering to zero depth at 4 feet from the curb. To correct this, the contractor was directed to remove all existing pavement and 2” of subgrade, then place a bottom layer of asphalt for patching. This was done so that the overlay of new asphalt would not be placed on existing surface that was too thin.

There was 420 square yards of patching on Wyandotte Street, and 513 square yards of patching on Stoeger Drive.

The agreed unit price for “Asphaltic Concrete Patching” compares favorably to bid prices received for the same item on the Hall County 2011 Asphaltic Concrete Maintenance Overlay Project. The agreed unit price for “Asphaltic Concrete for Patching, Type B” is based on the combined unit prices for Type B Asphaltic Concrete and Asphalt Cement on the City of Grand Island 2010-AC-1 project.

After eliminating the milling quantity of Wyandotte Street, the net reduction to the contract is \$551.58.

### **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 Change Order No. 2 for Asphalt Maintenance Project 2011-AC-1.

### **Sample Motion**

Move to approve the resolution.

City of Grand Island  
100 East 1st Street  
Grand Island, Nebraska 68801

**CHANGE ORDER NUMBER 2**

Date of Issuance: October 11, 2011

**PROJECT:** Asphalt Maintenance Project 2011-AC-1

**CONTRACTOR:** J.I.L. Asphalt Paving Co.

**CONTRACT DATE:** July 12, 2011

	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
1. Asphaltic Concrete Patching	933.00 SY	\$5.08/SY	\$4739.64
2. Asphaltic Concrete for Patching, Type B	32.62 TON	\$51.25/SY	\$1671.78
3. Milling (Wyandotte Street)	- 3300.00 SY	\$2.11/SY	-\$6,963.00

**TOTAL OF CHANGE ORDER NO. 2 - \$551.58**

Asphaltic Concrete Pavement Repair shall be measured and paid for by the square yard. Payment for Asphaltic Concrete Pavement Repair shall be full compensation for removing and disposing of existing pavement, preparation of subgrade and all other items to prepare the repair area. Asphaltic Concrete for Patching shall be paid separately.

Asphaltic Concrete for Patching, Type B shall be measured and paid for by the Ton. Payment for Asphaltic Concrete for Patching, Type B shall be full compensation for producing, hauling, placing and compacting asphaltic concrete materials. Asphalt Cement is subsidiary to the item Asphaltic Concrete for Patching, Type B.

The changes result in the following adjustment to the Contract Amount:

Contract Price Prior to This Change Order ..... \$ 328,252.36

Net Increase/Decrease Resulting from this Change Order..... \$ 551.58

**Revised Contract Price Including this Change Order ..... \$ 327,700.78**

**Approval Recommended:**

By \_\_\_\_\_  
John Collins, Public Works Director

Date \_\_\_\_\_

**The Above Change Order Accepted:**

\_\_\_\_\_  
J.I.L. Asphalt Paving Co.  
Contractor

By \_\_\_\_\_

Date \_\_\_\_\_

**Approved for the City of Grand Island:**

By \_\_\_\_\_  
Jay Vavricek, Mayor

Attest: \_\_\_\_\_  
RaNae Edwards, City Clerk

Date \_\_\_\_\_

RESOLUTION 2011-303

WHEREAS, on July 12, 2011, by Resolution 2011-168, the City of Grand Island awarded J.I.L. Asphalt Paving Co., of Grand Island, Nebraska that bid in the amount of \$305,464.36 for Asphalt Resurfacing Project No. 2011-AC-1; and

WHEREAS, on September 13, 2011 Grand Island City Council approved Change Order No. 1 to the Asphalt Resurfacing Project No. 2011-AC-1, in the amount of \$22,788.00 for a revised total contract price of \$328,252.36;

WHEREAS, it has been determined that modifications to the work to be performed by J.I.L. Asphalt Paving Co. are necessary; and

WHEREAS, such modifications have been incorporated into Change Order No. 2; and

WHEREAS, the result of such modifications will decrease the contract amount by \$551.58 for a revised contract price of \$327,700.78.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 2 between the City of Grand Island and J.I.L. Asphalt Paving Co. of Grand Island, Nebraska to provide the modifications.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 11, 2011.

\_\_\_\_\_  
Jay Vavricek, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form    ☐ \_\_\_\_\_  
October 5, 2011        ☐ City Attorney