



# City of Grand Island

Tuesday, December 20, 2011

Council Session

## Item G13

**#2011-372 - Approving Change Order No. 2 for Broadwell Avenue  
Shoulder Improvement - Capital Avenue to Veteran's Athletic  
Fields**

Staff Contact: John Collins, Public Works Director

# Council Agenda Memo

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

**Meeting:** December 20, 2011

**Subject:** Approving Change Order No. 2 for Broadwell Avenue Shoulder Improvement - Capital Avenue to Veteran's Athletic Fields

**Item #'s:** G-13

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

## Background

J.I.L. Asphalt Paving Co., of Grand Island, Nebraska was awarded an \$119,193.70 contract by the City Council on October 11, 2011 for the Broadwell Avenue Shoulder Improvement project. The estimate for the project was \$180,000.

This project consisted of placing 6' wide asphalt shoulders on the east and west sides of Broadwell Avenue from the intersection of Capital Avenue north to the Veteran's Athletic Field Complex entrance.

Public Works is currently working with Burlington Northern Railroad (BNRR) officials to provide railroad crossing panels wide enough to accommodate surfaced shoulders through the Broadwell Avenue/BNRR crossing. The crossing panels and surfaced shoulders on BNRR right of way will not be constructed until this crossing is reconstructed under their Double Track project.

On December 6, 2011, the City Council approved Change Order No. 1 in the amount of \$6,506.20, for work related to placement of asphalt concrete to overlay driveways north of Roberts Driveway on the east side of Broadwell Avenue.

## Discussion

When Broadwell Avenue was last resurfaced in 2004, the top 2" layer of asphaltic concrete had been placed too wide and slightly over the east existing turf shoulder from Capital Avenue to the BNRR. In order to provide a stable, vertical edge to match the new paved shoulder to, City forces used a diamond saw to cut a straight, vertical edge approximately 4" from the edge of the existing roadway edge. The Grading Contractor was directed to remove, haul and dispose of the excess pavement.

There was an existing paved shoulder on the east side of Broadwell from BNRR to the entrance to McCain Foods. This paved shoulder was less than 4" thick and in poor condition. The Grading Contractor was directed to remove, haul and dispose of this shoulder pavement.

The items "Rental of Loader, Fully Operated" and "Rental of Dump Truck, Fully Operated" are being added to the contract to provide compensation for removal, hauling and disposing of roadway material as directed. The agreed unit prices for "Rental of Loader, Fully Operated" and "Rental of Dump Truck, Fully Operated" are based on the July 1, 2010 through June 30, 2011 Average Unit Prices from Nebraska Department of Roads awarded projects for the same items.

There are locations on the south and north corners of the Highway 2 intersection on the west side of Broadwell Avenue where concentrated run-off flows have caused erosion in the past. In order to reduce erosion of the newly graded and seeded shoulder slopes at these locations, the Grading Contractor was directed to place erosion control blanket.

The item "Erosion Control" is being added to provide compensation for providing and placing erosion control blanket as directed. The agreed unit price for "Erosion Control" compares favorably to the contract unit price for the same item on the Nebraska Department of Roads project STPD-30-5(130), Chapman to Central City, a project with a similar small quantity.

The cost for this additional work is \$1,243.77. There are adequate funds in the line item budget (Account No. 10033506-85354) for this project.

### **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 the Broadwell Avenue Shoulder Improvement project.

### **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: December 20, 2011

**PROJECT:** Broadwell Avenue Shoulder Improvement – Capital Avenue to Veteran’s Athletic Fields Entrance

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

**CONTRACT DATE:** October 11, 2011

	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
1. Rental of Loader, Fully Operated	5 HR	\$86.22/HR	\$431.10
2. Rental of Dump Truck, Fully Operated	6 HR	\$69.41/HR	\$416.46
3. Erosion Control	141 SY	\$2.81/SY	\$396.21
<b>TOTAL OF CHANGE ORDER NO. 2</b>			<b>\$ 1,243.77</b>

Material requirements, construction methods, measurement and payment for Erosion Control shall be in accordance with the 2007 Edition of the Nebraska Department of Roads Standard Specifications for Highway Construction, Section 807.

Equipment Rental requirements, construction methods, measurement and payment shall be in accordance with the 2007 Edition of the Nebraska Department of Roads Standard Specifications for Highway Construction, Section 919.

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

Original Contract Amount.....	\$ 119,193.70
Current Contract Amount Prior to This Change Order .....	\$ 125,699.90
Net Increase/Decrease Resulting from this Change Order.....	\$ 1,243.77
<b>Revised Contract Amount Including this Change Order .....</b>	<b>\$ 126,943.67</b>

**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 2011-372

WHEREAS, on October 11, 2011, by Resolution 2011-301, the City of Grand Island awarded J.I.L. Asphalt Paving Co., of Grand Island, Nebraska the bid in the amount of \$119,193.70 for the Broadwell Avenue Shoulder Improvement – Capital Avenue to Veteran’s Athletic Fields Entrance; and

WHEREAS, on December 6, 2011, by Resolution 2011-354, the City of Grand Island Council approved Change Order No. 1 in the amount of \$6,506.20 to allow for Placement of Asphaltic Concrete for Intersections and Driveways in connection with such project; and

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 increase the contract amount by \$1,243.77 for a revised contract price of \$126,943.67.

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, December 20, 2011.

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

Attest:

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

Approved as to Form	☐ _____
December 14, 2011	☐ City Attorney