

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date</b>	December 22, 2008
	<b>Agenda Item No.</b> 9A <b>Roll Call No.</b> <del>08-</del> <b>Communication No.</b> <u>08-748</u> <b>Submitted by:</b> <b>Jeb E. Brewer, P.E.</b> <span style="padding-left: 100px;"><b>City Engineer</b></span>	

**AGENDA HEADING:**

Approving Change Order No. 7 with Cramer and Associates, Inc. for additional work on the Center Street Pedestrian (Riverwalk) Bridge for a total not to exceed \$94,574.

**SYNOPSIS:**

Recommend approval of Change Order No. 7 in an amount not to exceed \$94,574 with Cramer and Associates, Inc., Robert Cramer, President, 5600 Brookside Drive, Grimes, IA, 50111, for additional work on the Center Street Pedestrian (Riverwalk) Bridge.

**FISCAL IMPACT:**

Amount: \$94,574

Funding Source: 2008-09 CIP, Page Park Improvements-23, Riverwalk, PKS162, State Vision Iowa Funds

**ADDITIONAL INFORMATION:**

There are five (5) items in Change Order No. 7, with a total cost of \$94,574. Each item is described below.

1. The internal steel stiffener diaphragm of the walkways did not match the foundation bearing location. This problem was discovered by the steel detailer who requested clarification from the design engineer. The design engineer acknowledged the missing dimension and clarified the required dimensions. This required revisions to the shop and detail drawings at a cost of \$3,238.
2. The plan location of the walkway access hatches was in conflict with other structural members. The revision required shop drawing changes to relocate hinges and change plate thickness at a cost of \$1,214.
3. A Request for Information (RFI) from the structural steel shop drawing detailer regarding the bearing lockdown devices resulted in a redesign of the lockdown by the designer. The redesign required modification of the shop drawings at a cost of \$911.
4. The final design of the glass panels for the center walkway resulted in a panel thickness of slightly over 2 inches. The original framing design had to be modified to accommodate the thicker glass and provide uniform support of the glass at the perimeter of each panel. The cost to design and detail this framing was \$6,261.
5. The structural design engineer found an error in the original bid quantity of structural steel when

comparing steel weights from both the contractor's erection engineer and the steel fabricator. IDOT specifications require that the contractor be paid for changes in structural steel weight due to calculation or design changes. The bid quantity was 1,347,200 lbs. The error totaled 21,000 lbs. Cost for this change at the bid price of \$3.95/pound is \$82,950.

**PREVIOUS COUNCIL ACTION(S):**

Date: March 12, 2007

Roll Call Number: 07-485

Action: On Center Street Pedestrian Bridge (Riverwalk): Resolution approving plans, specifications, form of contract documents, Engineer's Estimate and designating lowest responsible bidder as Cramer and Associates, Inc., (Robert Cramer, President), \$9,466,017.50. (Council Communication No.07-140) Moved by Mahaffey to adopt. Motion Carried 6-1.

Date: March 12, 2007

Roll Call Number: 07-486

Action: Approving contract and bond and permission to sublet. Moved by Mahaffey to adopt. Motion Carried 6-1.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Normal Council actions on construction contracts.

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