



**Council
Communication**
Office of the City Manager

Date

July 10, 2006

Agenda Item No. 9A
Roll Call No. 06-
Communication No. 06-417
Submitted by: Jeb E. Brewer, P.E.
City Engineer

AGENDA HEADING:

Approving Change Order No. 1 with Cramer & Associates, Inc. for additional work on the S.W. 8th Street Viaduct over M.L. King Jr. Pkwy. Rehabilitation project for a total not to exceed \$35,117.50.

SYNOPSIS:

Recommend approval of Change Order No. 1 in an amount not to exceed \$35,117.50 with Cramer & Associates, Inc. (Robert Cramer, President/CAO, 990 N.E. 44th Avenue, Des Moines, Iowa, 50313) for bridge approach pavement removal, longitudinal grooving of the bridge deck, and additional traffic signage and signal work, as part of the temporary traffic detour due to the closure of the S.W. 8th Street Viaduct.

FISCAL IMPACT:

Amount: \$35,117.50

Funding Source: 2006-07 CIP, Page Bridge-9, SW 8th Street Viaduct over M.L. King Jr. Parkway, BRV035, various funding being:

- \$1,000,000 Federal Highway Bridge Replacement and Rehabilitation (HBRR) funds (80% of eligible construction to \$1,000,000 maximum)
- Remainder in Tax Increment Bonds

ADDITIONAL INFORMATION:

The contract for the rehabilitation of the S.W. 8th Street Viaduct was awarded to Cramer & Associates, Inc. on May 8, 2006, in the amount of \$1,855,979. This amount was \$96,688 less than the original engineer's estimate of \$1,952,667.

The total cost of this change order is \$35,117.50:

1. When project plans were prepared, the Iowa Department of Transportation (IDOT) standard for bridge deck overlays was transverse tining for skid resistance. Since then, however, IDOT has changed its standard to longitudinal grooving of bridge deck overlays. The cost of \$18,183.50

represents the additional cost of longitudinal grooving of the overlay, which will provide a quieter riding surface with the same or better skid resistance.

2. The bridge approach pavement removal quantities were inadvertently underestimated in the original proposal quantities. The additional cost of \$12,454 is for the total removal of the existing approach pavements.
3. In order to improve traffic flow, the Traffic & Transportation Division requested additional signage and a revision of traffic signal layout for the temporary detour route. The cost of these additional changes to the traffic control for the detour route is \$4,480.

PREVIOUS COUNCIL ACTION(S):

Date: May 8, 2006

Roll Call Number: 06-933

Action: On SW 8th Street Viaduct over M.L. King, Jr. Parkway Rehabilitation: Approving contract and bond and permission to sublet. Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

Date:

Roll Call Number:

Action:

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Normal Council actions on construction contracts.