



Council Communication

Office of the City Manager

Date

October 9, 2006

Agenda Item No. 10
Roll Call No. 06-
Communication No. 06-631
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 University Avenue Bridge over the Des Moines River – Arch Rehabilitation for a total not to exceed \$78,095.

SYNOPSIS:

Recommend approval of Change Order No. 1 in an amount not to exceed \$78,095 with Cramer & Associates, Inc., (Robert Cramer, President/CAO), 990 N.E. 44th Avenue, Des Moines, Iowa, 50313, for additional work on the University Avenue Bridge over the Des Moines River – Arch Rehabilitation to provide additional arch removal and repair, mortar repair, and epoxy crack injections.

FISCAL IMPACT:

Amount: \$78,095

Funding Source: 2006-07 CIP, Page Bridge-14, University Avenue Bridge over the Des Moines River, BRV036, G.O. Bonds

ADDITIONAL INFORMATION:

The University Avenue Bridge over the Des Moines River – Arch Rehabilitation project was designed to restore the structural integrity to the bridge substructure. During construction, the amount of deterioration on the arches was found to be more than estimated during the design of the project. As construction has progressed, the estimated quantities for arch removal and repair, mortar repair, and epoxy crack injections have been exceeded. This project was bid using the Iowa DOT specification, which requires field measurements of bridge repair items, because these quantities must be determined during removal operations. This increase is an estimate of the additional arch removal and repair, mortar repair, and epoxy crack injections that will be required to complete the remaining two spans. The \$78,095 cost of this change order item is the engineer's estimate of the increase in quantities required to complete the remaining two spans based upon the current rate of required removals.

PREVIOUS COUNCIL ACTION(S):

Date: June 6, 2005

Roll Call Number: 05-1444

Action: On University Avenue Bridge over the Des Moines River – Arch Rehabilitation: Resolution approving plans, specifications, form of contract documents, Engineer's estimate and designating lowest

responsible bidder as Cramer and Associates, Inc. (Robert Cramer, President/CAO, DSM), \$1,463,991.40. ([Council Communication No. 05-324](#)). Moved Vlassis to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Normal Council actions on construction contracts.