


COUNCIL COMMUNICATION

	Number:	21-122	Meeting:	March 22, 2021
	Agenda Item:	7	Roll Call:	21-0449
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving Change Order No. 1 with Cramer and Associates, Inc. for additional work on E. 30th Street Bridge Rehabilitation over Union Pacific Railroad (UPRR), in the amount of \$70,212.10.

SYNOPSIS:

Recommend approval of Change Order No. 1 in an amount not to exceed \$70,212.10 with Cramer and Associates, Inc. (Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, Iowa, 50111), for additional work on E. 30th Street Bridge Rehabilitation over UPRR.

FISCAL IMPACT:

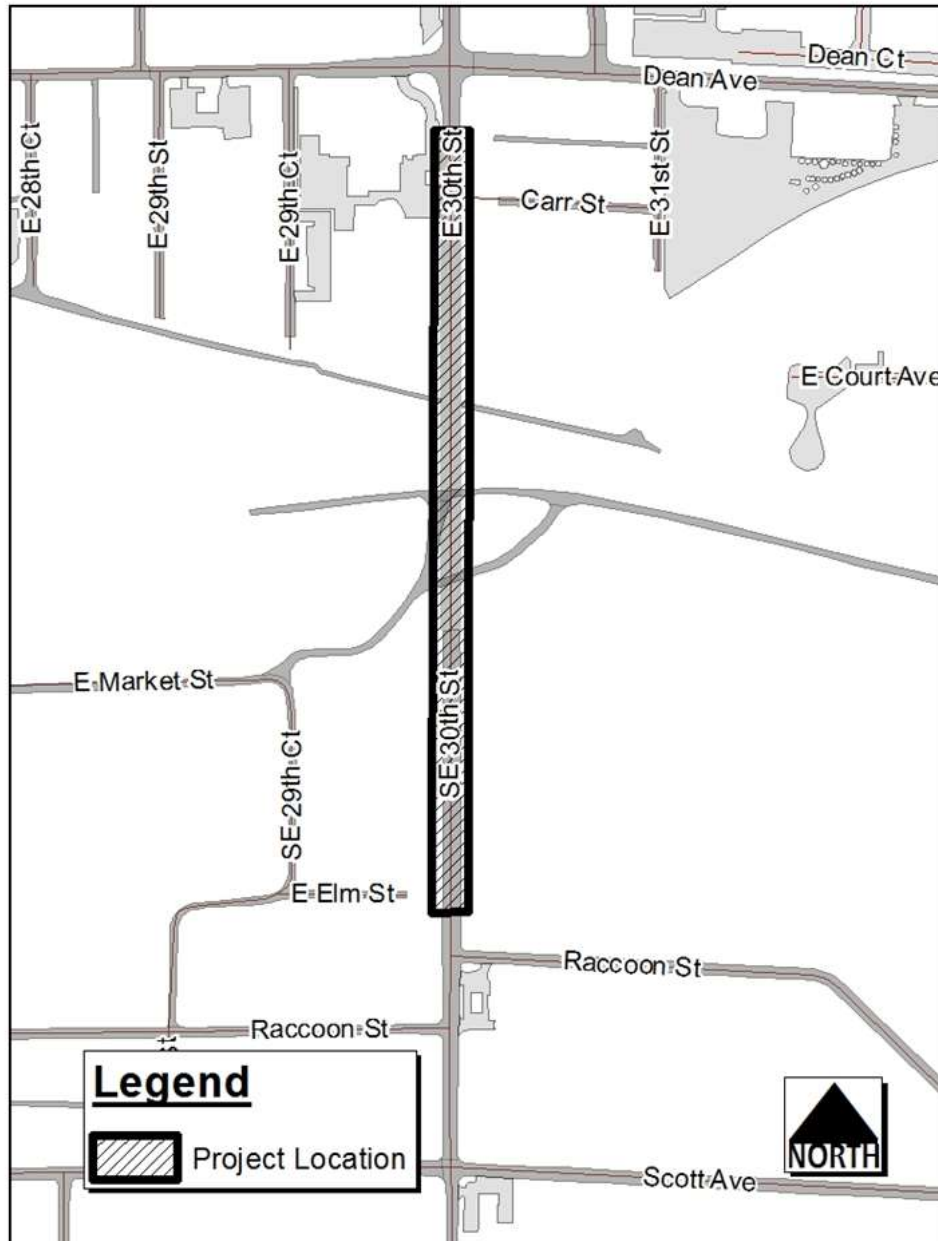
Amount: \$70,212.10

Funding Source: 2020-2021 CIP, Page Bridge – 6, E. 30th Street Bridge over UPRR, BR055, Federal, Gaming Monies, G.O. Bonds, Utilities.

ADDITIONAL INFORMATION:

- On January 13, 2020, under Roll Call No. 20-0114, the City Council approved plans and specifications and designated the lowest responsible bidder as Cramer and Associates, Inc. for \$8,168,859.12.
- This project provides for the rehabilitation of the structurally deficient bridge over the UPRR, which was originally built in 1956 and last rehabilitated in 1980. The bridge deck is being completely replaced and the bridge cross-section is being reduced to three (3) lanes of traffic in order to widen the sidewalks on both sides of the bridge to five (5) feet. Bridge piers are being repaired with new bridge bearings and new expansion joints. The bridge structural steel is being fully blast cleaned and repainted. The approach pavement is being replaced on the south side along with new guardrail. Roadway pavement on the north side is being replaced to Dean Avenue, along with retaining wall repairs. New roadway LED lighting will also be installed by MidAmerican Energy as part of the project.
- Change Order No. 1 for \$70,212.10, increases contract quantity for structural concrete related to field adjustments to Pier 4 repairs and increases the quantity of epoxy crack injection of the north retaining walls based on field conditions. New items added to the contract include additional traffic control signage, additional diaphragm splice plates to account for variable

field dimensions, additional shear studs to tops of beams, removal of existing vaults not previously known, re-configuration of conduit routing for the light pole blisters to avoid rebar conflicts, and heating and protection of structural concrete to allow for cold weather concrete work per Iowa Department of Transportation (IDOT) standard specifications.



PREVIOUS COUNCIL ACTION(S):

Date: January 13, 2020

Roll Call Number: [20-0114](#) and [20-0115](#)

Action: [On](#) E. 30th Street Bridge Rehabilitation Over UPRR: 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), \$8,168,859.12. ([Council Communication No. 20-015](#)) Moved by Gatto to adopt. Motion Carried 7-0.

(A) [Approving](#) contract and bond and permission to sublet. Moved by Gatto to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

As with typical rehabilitation projects, unanticipated conditions found during the repairs of older bridges may require additional work resulting in the need for subsequent change order(s), including additional adjustments of quantities to as-built quantities.

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