

COUNCIL COMMUNICATION

	Number:	20-015	Meeting:	January 13, 2020
	Agenda Item:	61	Roll Call:	20-0114
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Hearing on E. 30th Street Bridge Rehabilitation over Union Pacific Railroad (UPRR): Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as Cramer and Associates, Inc., Robert Cramer, President/CAO, \$8,168,859.12.

SYNOPSIS:

This is a public hearing to allow for public input on the E. 30th Street Bridge Rehabilitation over UPRR and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This project provides for the replacement 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.

FISCAL IMPACT:

Amount: \$8,168,859.12 Construction Contract (\$6,034,710 City Engineer's Estimate)

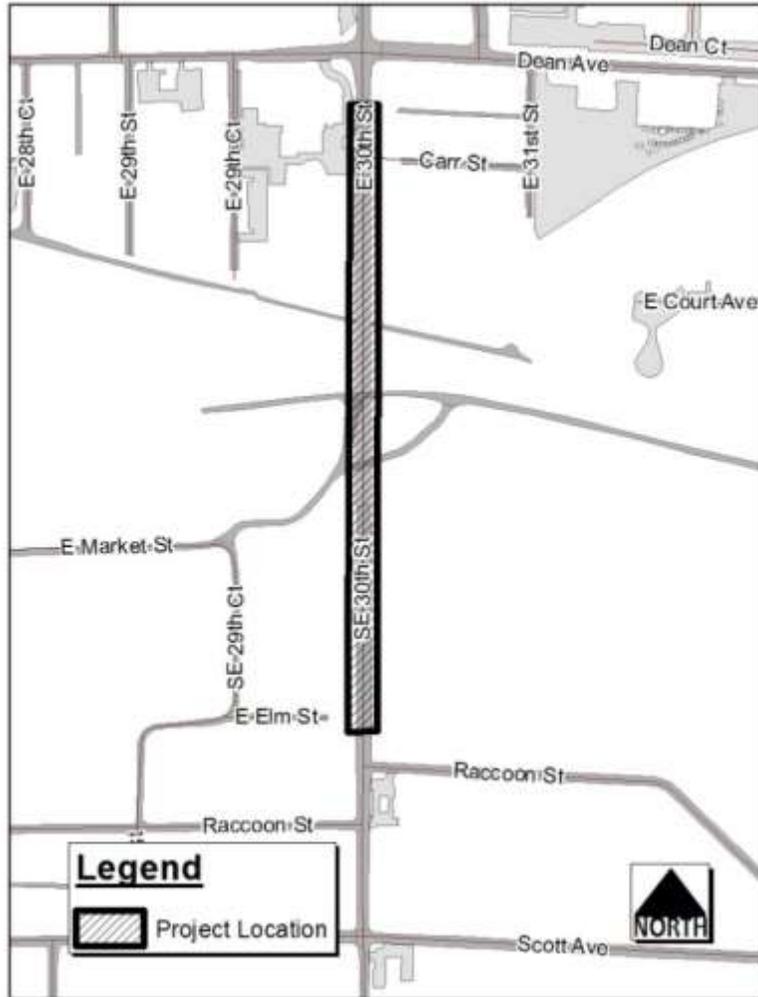
Funding Source: 2019-2020 CIP, Page Bridge - 6, E. 30th Street Bridge over UPRR, BR055, Being: \$1,000,000 Surface Transportation Block Grant Program Federal-aid Swap funds (80% of eligible construction costs, or \$1,000,000 max); \$1,000,000 City Bridge Federal-aid Swap funds (80% of eligible construction costs or \$1,000,000 max), \$3,606,859.12 of Gaming Funds, \$700,000 LOSST, \$362,000 CenturyLink, \$1,000,000 G. O. Bonds to be Issued FY2021, and \$500,000 G. O. Bonds to be Issued FY2022.

ADDITIONAL INFORMATION:

- On December 2, 2019, under Roll Call No. 19-1896, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the E. 30th Street Bridge Rehabilitation over UPRR. Before the City Council can enter into a

contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the E. 30th Street Bridge Rehabilitation over UPRR, 12-2016-001.

- The improvement includes the structural rehabilitation of the viaduct, consisting of the following: complete removal and replacement of the concrete bridge deck, replacement of all concrete barrier rails and sidewalk fencing, new bridge joints, structural modifications to bridge abutments, replacement of bridge bearings, rehabilitation of bridge piers, new drainage system, full blast cleaning and repainting of bridge beams, removal and replacement of approach pavement and sidewalks, new guardrail, repairs to retaining walls, traffic control, pavement markings, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 597-116/223, located on E. 30th Street between Dean Avenue and Raccoon Street.
- Sealed bids for said improvement were submitted by the following bidders:
 - Cramer and Associates, Inc., Grimes, IA
 - Kraemer North America, LLC, Plain, WI
 - Jensen Construction Company, Des Moines, IA
- The bids, in accordance with a previously approved Iowa Department of Transportation (IDOT) Agreement, were received and opened by the IDOT on December 17, 2019.
- The three (3) bids received were all over the estimate, but relatively close to each other. The City Engineer does not recommend rebidding the project. Rebidding would only be beneficial if the uncertainty and risk of working over the railroad could be addressed.
- The major items of work that are significantly above the estimated cost involve working over the railroad tracks, including containment, scheduling and coordination with the railroad. The work items that account for most of the additional cost are the utility support system (CenturyLink), removals, and beam painting.
- The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Cramer and Associates, Inc. (Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA, 50111), in the amount of \$8,168,859.12, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.



PREVIOUS COUNCIL ACTION(S):

Date: December 2, 2019

Roll Call Number: [19-1896](#)

Action: Ordering construction of the following:

- (A) E. 30th Street Bridge Rehabilitation over UPRR: Receiving of bids, (12-17-19), Setting date of hearing, (1-13-20). Engineer's estimate, \$6,034,710. ([Council Communication No. 19-514](#)) Moved by Coleman to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Partial payments to the contractor and final acceptance of work.

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