


## COUNCIL COMMUNICATION

	Number:	<b>19-514</b>	Meeting:	<b>December 2, 2019</b>
	Agenda Item:	<b>6A</b>	Roll Call:	<b>19-1896</b>
	Submitted by:	<b>Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Ordering construction of the following: E. 30th Street Bridge Rehabilitation over Union Pacific Railroad (UPRR) - Receiving bids, (12-17-19), and Setting date of hearing, (1-13-20). Construction Estimate - \$6,034,710.

### SYNOPSIS:

Recommend the City Council proceed with construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. 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 5-feet. Bridge piers are being repaired with new bridge bearings and new expansion joints. The bridge structural steel is being fully sand-blasted, 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: \$6,034,710 City Engineer's Estimate

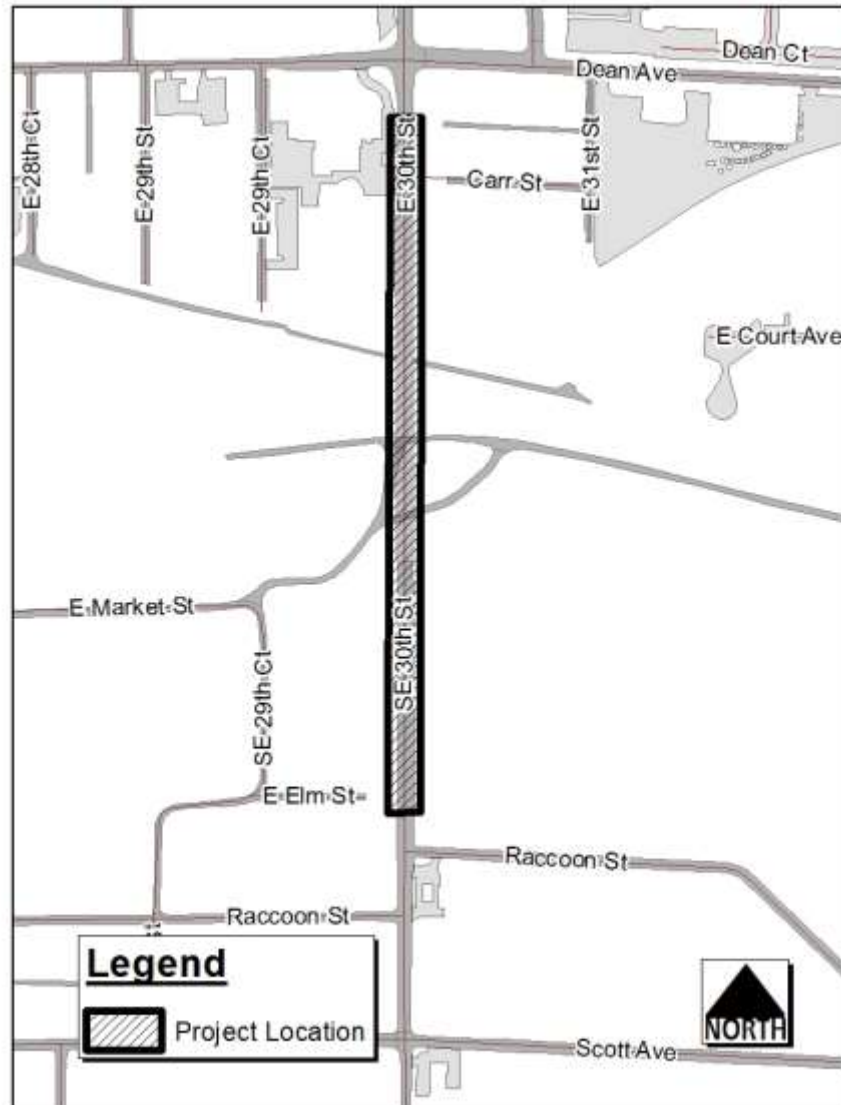
Funding Source: 2019-2020 CIP, Page Bridge - 6, E. 30th Street Bridge over UPRR, BR055, Being: \$1,000,000 in Surface Transportation Block Grant Program Federal-aid Swap funds (80% of eligible construction costs or \$1,000,000 max) and \$1,000,000 in City Bridge Federal-aid Swap funds (80% of eligible construction costs or \$1,000,000 max), and the remaining \$4,034,710 from BR039, Gaming Des Monies.

### ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City 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 sand- 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.

- The estimated construction cost is \$6,034,710. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.



**PREVIOUS COUNCIL ACTION(S):**

Date: November 5, 2018

Roll Call Number: [18-1824](#)

Action: [Approving](#) Iowa Department of Transportation (IDOT) agreements for East 30th Street Viaduct over Union Pacific Railroad Rehabilitation. ([Council Communication No. 18-536](#)) Moved by Gatto to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, approval of contract and bond, partial payments to the contractor and final acceptance of work.

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