 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b> July 27, 2015
	<b>Agenda Item No.</b> <b>59</b> <b>Roll Call No.</b> <b><u>15-1311</u></b> <b>Communication No.</b> <b><u>15-418</u></b> <b>Submitted by:</b> <b>Pamela S. Cooksey, P.E., City Engineer</b>

**AGENDA HEADING:**

Hearing on Guthrie Avenue Viaduct over Union Pacific Railroad (UPRR) Expansion Joint Replacement. Resolution approving plans, specifications, form of contract documents, engineer’s estimate, receive and file bids, and designating lowest responsible bidder as Jensen Construction Company, Kurt E. Rasmussen, Owner, \$630,199.12.

**SYNOPSIS:**

This is a public hearing to allow for public input on the Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. Recent bridge inspections have found that this bridge, which was originally built in 1978, required expansion joint replacement and rehabilitation to the structural bearings. This work is necessary to restore the structural integrity of the expansion joints and the structural bearings of the bridge.

**FISCAL IMPACT:**

Amount: \$630,199.12 Construction Contract (\$393,000 City Engineer's Estimate)

Funding Source: 2015-2016 Capital Improvement Program (CIP), Page Bridge - 5, City-wide Bridges, BR003, G. O. Bonds

**ADDITIONAL INFORMATION:**

On June 22, 2015, under Roll Call No. 15-1001, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement. 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 Guthrie Avenue Viaduct over UPRR Expansion Joint Replacement, 12-2014-004. The improvements includes the rehabilitation of the expansion joints and structural steel bearings which includes concrete repairs, epoxy reinforcing steel, steel extrusion joint with neoprene, neoprene gland installation, abrasive blast cleaning of structural steel, containment, paint waste transport and disposal, structural steel painting, traffic control, mobilization; all in accordance with the contract documents, including Plan File Nos. 566-121/147, on Guthrie Avenue Viaduct over the Union Pacific Railroad (UPRR), Des Moines, Iowa.

Sealed bids for said improvement were submitted by the following bidders:

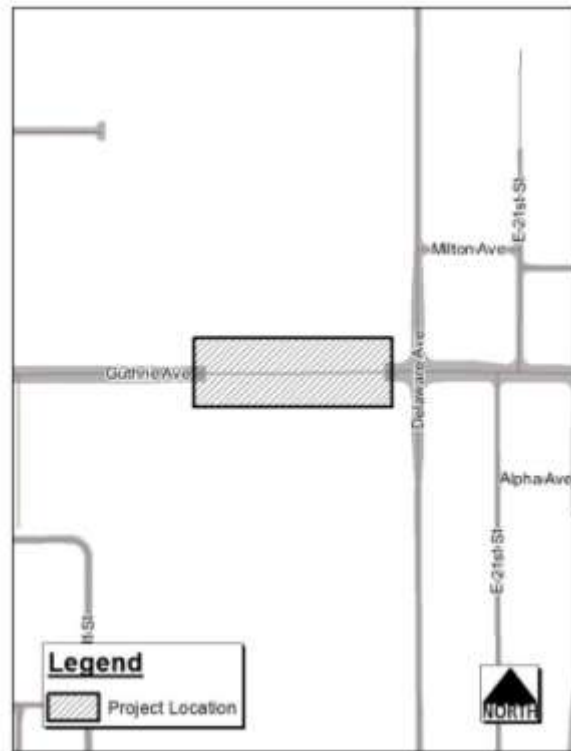
Jensen Construction Company, Des Moines, IA  
Cramer and Assoc., Inc. & Herberger Construction, Inc., A Joint Venture, Grimes, IA  
PCI Roads, LLC, St. Michael, MN

The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2<sup>nd</sup> Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on July 14, 2015.

The bid exceeded the construction estimate for several reasons:

- 1) The UPRR requires the contractor to enter into an access agreement with the railroad. There are many logistical and financial unknowns for the contractor with the agreement, which are dictated by the railroad. This unknown financial cost affected the bid prices. Uncertainty includes work schedules, railroad cooperation, railroad approvals and availability of railroad flaggers.
- 2) The bid date was originally scheduled for early Spring 2015 to allow the work to be completed in one (1) construction season. Due to the time to get an agreement negotiated with the railroad, the bid date was delayed until July 2015. The mid-season bid date made it difficult to anticipate the contractors' workload in the middle of the construction season. Also, the work will continue into 2016.
- 3) The cost estimate did not fully address the project complexity associated with the work to be accomplished over the railroad. This was reflected in all bids received. The project is a unit price contract. All bids exceeded the estimated unit price for removals, structural concrete, paint containment and mobilization.

The most recent bridge inspection identified this work as necessary repairs. Delaying this project will result in increased costs due to increased repairs. City Engineering staff have discussed pricing with bidders, and determined rebidding the project will not result in significant savings. The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Jensen Construction Company, Kurt E. Rasmussen, Owner, 5550 NE 22<sup>nd</sup> Street, Des Moines, IA, 50313 in the amount of \$630,199.12, 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: June 22, 2015

Roll Call Number: [15-1001](#)

Action: Ordering construction of the following:

- (E) [Guthrie](#) Avenue Viaduct over UPRR Expansion Joint Replacement: Receiving of bids, (7-14-15), Setting date of hearing, (7-27-15), Construction estimate, \$393,000. ([Council Communication No. 15-333](#)) Moved by Gatto 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.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D. Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).