


# COUNCIL COMMUNICATION

|   |               |   |            |                       |
|---|---------------|---|------------|-----------------------|
| <br>CITY OF DES MOINES<br>OFFICE OF THE CITY MANAGER | Number:       | <b>23-139</b>                               | Meeting:   | <b>March 27, 2023</b> |
|   | Agenda Item:  | <b>7A</b>                                   | Roll Call: | [ ]                   |
|   | Submitted by: | <b>Steven L. Naber, P.E., City Engineer</b> |            |                       |

## AGENDA HEADING:

Approving and authorizing the execution of Iowa Department of Transportation (IDOT) Agreement number 1-22-STPU-042 for the Guthrie Avenue Bridge Rehabilitation over the Union Pacific Railroad (UPRR), which rescinds Iowa Department of Transportation Agreement No. 1-21-STBG-SWAP-017.

## SYNOPSIS:

Recommend approval of IDOT Agreement No. 1-22-STPU-042 for the Guthrie Avenue Bridge Rehabilitation over the UPRR, which rescinds the previously approved IDOT Agreement No. 1-21-STBG-SWAP-017.

## FISCAL IMPACT:

Amount: \$6,300,000

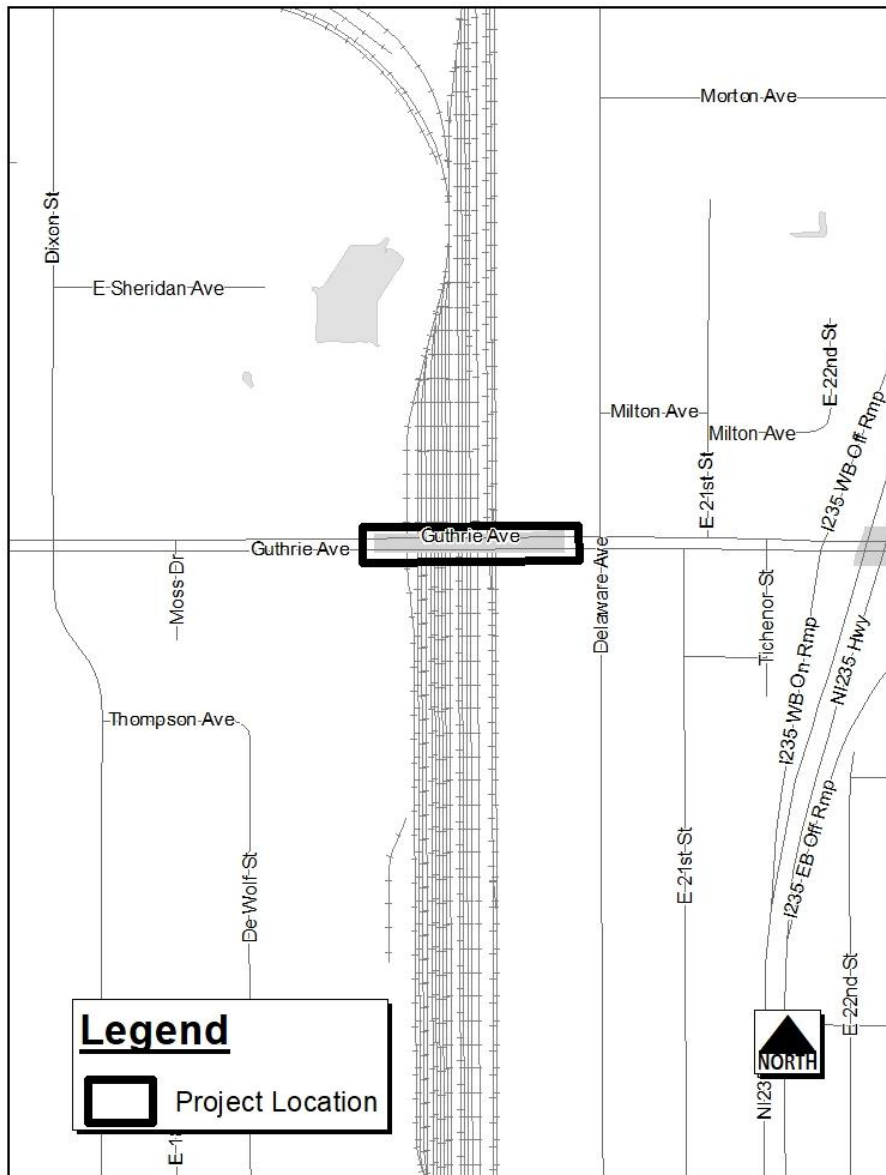
Funding Source: Various funding being:

- \$2,000,000 – Transportation Block Grant (STBG) Program Federal-aid funds
- \$4,300,000 – 2022-23 CIP, Page 27, Guthrie Avenue Bridge over UPRR, BR058

## ADDITIONAL INFORMATION:

- The City of Des Moines and the IDOT previously entered into Agreement No. 1-21-STBG-SWAP-017 for the Guthrie Avenue Bridge Rehabilitation over the UPRR project. Due to the implementation of the Infrastructure Investment and Jobs Act (IIJA), the IDOT requires that the City of Des Moines convert the Federal-aid Swap funds for this project to Federal-aid funds. The new IDOT Agreement No. 1-22-STPU-042 rescinds the previously approved IDOT Agreement No. 1-21-STBG-SWAP-017, dated July 26, 2021. The new IDOT project number for this project is STP-U-1945(859)--SG-77, which replaces the previously assigned IDOT Project Number STBG-SWAP-1945(859)--SG-77.
- The Guthrie Avenue bridge over the UPRR was constructed in 1978. In 2015, this bridge was listed as a high priority repair and a targeted joint replacement and strengthening project was completed; however, a more extensive rehabilitation project was postponed. The 2019 Bridge Inspection Report continues to list the condition of the bridge as “Fair/Poor” with chloride contaminated concrete of the deck and sidewalks, and the concrete barrier rails nearing the end of useful life.

- The project provides for the rehabilitation of the Guthrie Avenue bridge over the UPRR. Work included in this project is anticipated to consist of deck repairs, deck overlay, and barrier rail replacement. The estimated construction cost is \$6,300,000.
- Work on the bridge also includes removing the center median barrier railing and reconfiguring the bridge cross-section to add a 10-foot-wide trail section along the south side of the bridge. Additional roadway reconstruction will take place, including traffic signal and intersection improvements at Delaware Avenue.
- On November 20, 2017, by Roll Call No. 17-1934, City Council authorized the submittal of Federal STBG Fund Federal Fiscal Year (FFY) 2022 Applications to the Des Moines Area Metropolitan Planning Organization (MPO), which included an application for the Guthrie Avenue Bridge Rehabilitation over the UPRR. The City was awarded \$2,000,000 for the Guthrie Avenue Bridge Rehabilitation over the UPRR project. The remaining \$4.5 million cost of the project will be funded by G.O. bonds.
- Construction of the Guthrie Avenue Bridge Rehabilitation project is anticipated to begin in 2024 and be completed in 2025.



**PREVIOUS COUNCIL ACTION(S):**

Date: July 19, 2021

Roll Call Number: [21-1089](#)

Action: [Approving](#) and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreement for the Guthrie Avenue Bridge Rehabilitation over the UPRR. ([Council Communication No. 21-325](#)) Moved by Gatto to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated actions include approving professional services agreement for design services, ordering construction, public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also, 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).