


COUNCIL COMMUNICATION

	Number:	21-325	Meeting:	July 19, 2021
	Agenda Item:	10	Roll Call:	21-1089
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving and authorizing the execution of the Iowa Department of Transportation (IDOT) agreement for the Guthrie Avenue Bridge Rehabilitation over the Union Pacific Railroad (UPRR).

SYNOPSIS:

Recommend approval of IDOT agreement No. 1-21-STBG-SWAP-017 between the City of Des Moines and IDOT for the Guthrie Avenue Bridge Rehabilitation over the UPRR.

FISCAL IMPACT:

Amount: \$6,500,000

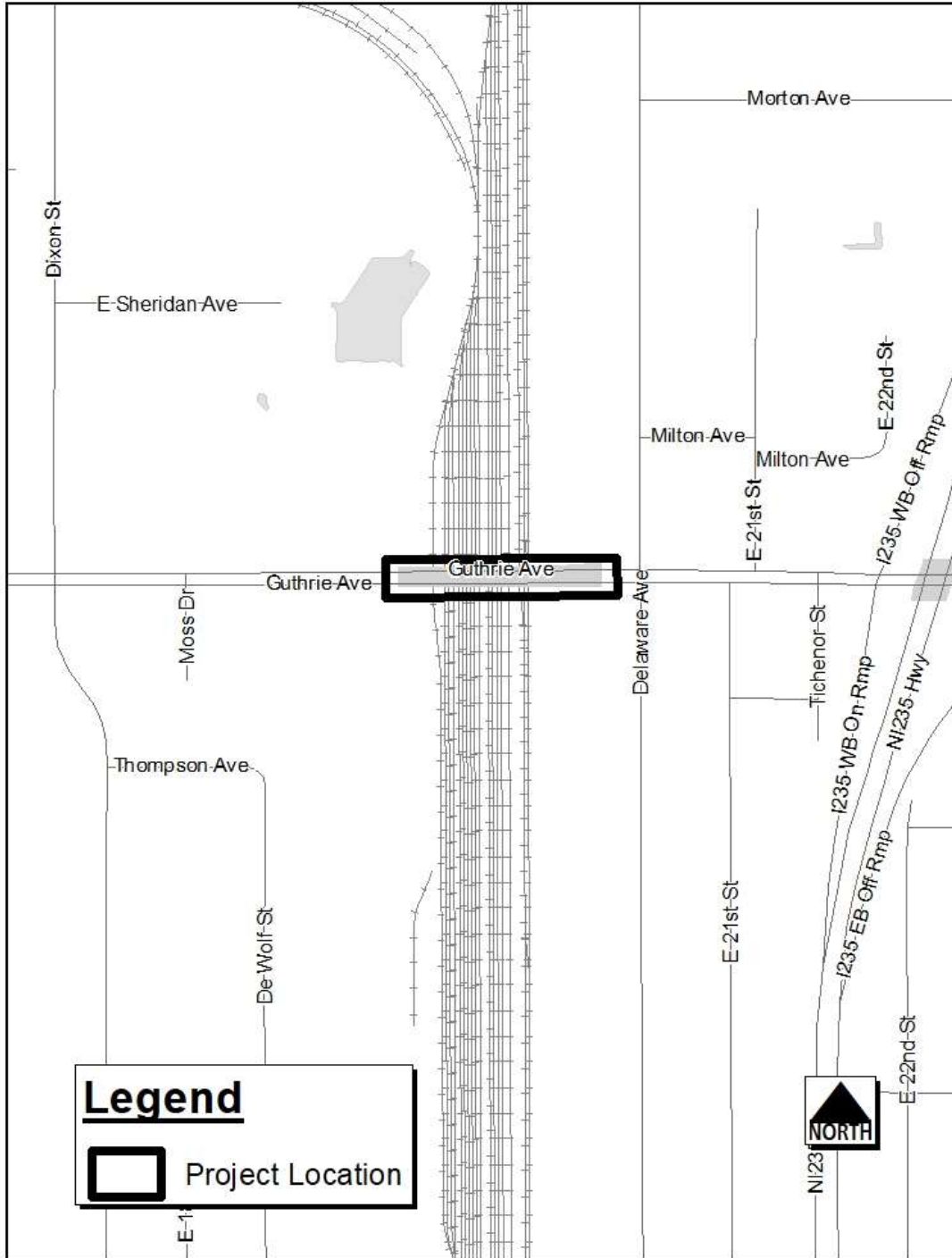
Funding Source: Various funding being:

- \$2,000,000 – Surface Transportation Block Grant (STBG) Program federal-aid swap funds
- \$4,500,000 – 2021-2022 CIP, Page 25, Guthrie Avenue Bridge over Union Pacific RR, BR058, G.O. Bonds

ADDITIONAL INFORMATION:

- 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 project cost is \$6,500,000.
- 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 (FY) 2022 Applications to the Des Moines Area Metropolitan Planning Organization, 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 \$4,500,000 cost of the project will be funded by G.O. bonds.
- Construction of the Guthrie Avenue Bridge Rehabilitation project is anticipated to begin in 2023 and be completed in 2024.



PREVIOUS COUNCIL ACTION(S):

Date: November 20, 2017

Roll Call Number: [17-1934](#)

Action: [Authorizing](#) submittal of Federal Surface Transportation Block Grant (STBG) and Transportation Alternatives Program (TAP) fund Fiscal Year (FY) 2022 applications to the Des Moines Area Metropolitan Planning Organization (MPO). ([Council Communication No. 17-801](#)) Moved by Coleman 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.

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