 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	May 23, 2016
	Agenda Item No.	7
	Roll Call No.	[_____]
	Communication No.	<u>16-282</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: Grand Avenue Bridge over the Des Moines River Replacement - Receiving bids, (6-21-16), and Setting date of hearing, (7-11-16). Construction Estimate - \$8,372,948.

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 replacement of the structurally deficient bridge on Grand Avenue over Des Moines River which was originally built in 1918 and rehabilitated in 1968. The bridge is being replaced with a new concrete beam bridge. The new bridge will maintain one (1) east bound lane, two (2) west bound lanes, a west bound bike lane, and street parking on the south side. The bridge sidewalks will be widened to 14 feet wide. The bridge features standard bridge construction with an aesthetic metal panel facade and pedestrian railing, featuring LED lighting.

FISCAL IMPACT:

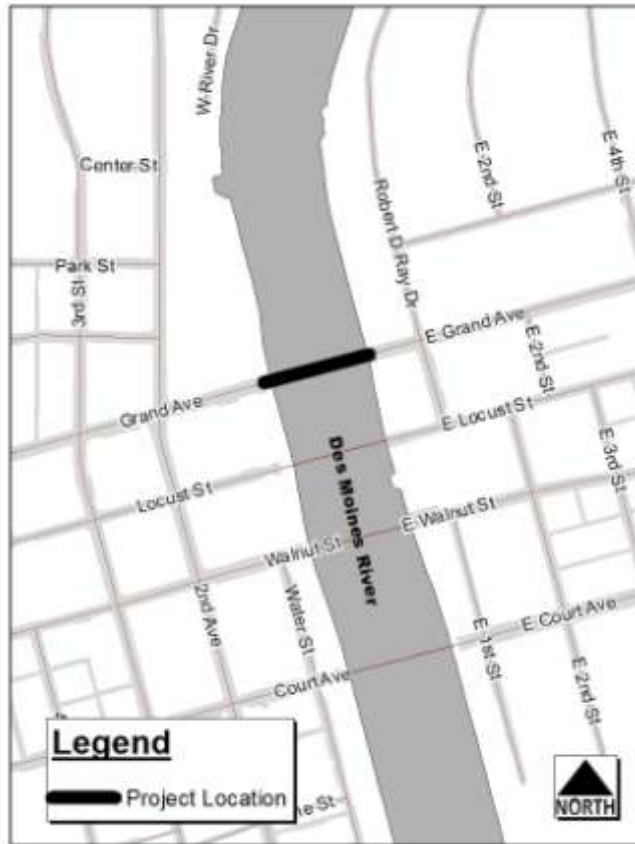
Amount: \$8,372,948 City Engineer's Estimate

Funding Source: 2016-2017 CIP, Page Bridge - 10, Grand Avenue Bridge over the Des Moines River, BR047, Tax Increment Funds, Being: \$2,129,000 in Federal Highway Bridge Program funds (\$2,129,000 maximum) being 80% of eligible construction costs under STP-U-1945(813)--70-77, \$250,000 from various Utility Companies, and the remaining \$5,993,948 from BR047, Tax Increment Bonds.

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Grand Avenue Bridge over the Des Moines River Replacement, 12-2013-001. The improvement includes removal of the existing bridge and substructure, construction of a new pretensioned, prestressed concrete beam bridge on concrete pier and steel pile foundations, pedestrian rail and aesthetic metal panel facade, aesthetic LED lighting, pavement removal, new bridge approach pavement, sidewalk removal and replacement, erosion control, seeding and sodding, traffic control, pavement markings, and mobilization; all work in accordance with the contract documents including Plan File Nos. 571-203/321, on Grand Avenue over Des Moines River located between 2nd Avenue and Robert D. Ray Drive in Des Moines, Iowa.

The estimated construction cost is \$8,372,948. 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: October 12, 2015

Roll Call No.: [15-1663](#)

Action: [Approving](#) Iowa Department of Transportation (IDOT) agreement for replacement of Grand Avenue Bridge over Des Moines River. ([Council Communication No. 15-536](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Urban Design Review Board

Date: August 4, 2015

Resolution Number: N/A

Action: Approve the design subject to evaluation of the lane configurations on the bridge after the walkability study is complete. Approve the use of TIF.

Board: Access Advisory Board

Date: February 17, 2006

Resolution Number: N/A

Action: Approved.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include 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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