 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	January 22, 2018
	Agenda Item No.	6A
	Roll Call No.	<u>18-0097</u>
	Communication No.	<u>18-028</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: Court Avenue, S.W. 1st Street, and Scott Avenue Bridge Rehabilitations - Receiving bids, (2-20-18), and Setting date of hearing, (3-19-18). (Construction Estimate - \$11,133,242.35).

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 three structurally deficient bridges as part of the City's Transportation Investment Generating Economic Recovery (TIGER) Grant project. This project satisfies many of the grant selection criteria by promoting state of good repair, quality of life, connectivity and development, and safety.

FISCAL IMPACT:

Amount: \$11,133,242.35 City Engineer's Estimate

Funding Source: 2017-2018 Capital Improvement Program (CIP)

- Page Bridge – 5, Court Avenue Bridge over the Des Moines River, BR054, Being:
 - \$3,447,626.84 (maximum) in TIGER, being 80% eligible for construction costs
 - \$1,500,000 in Federal Surface Transportation Program (STP) funds being 80% eligible for bridge construction costs allocated through Des Moines Area Metropolitan Planning Organization (MPO) under STP-U-1945(839)-70-77
 - \$1,236,906.71 in Tax Increment Financing (TIF) Bonds
- Page Bridge – 11, Scott Avenue Bridge over the Des Moines River, BR051, Being:
 - \$2,489,479.04 (maximum) in TIGER, being 80% eligible for construction costs
 - \$622,369.76 in TIF Bonds
- Page Bridge – 13, SW 1st Street Bridge over Raccoon River, BR056, Being:
 - \$1,469,488 (maximum) in TIGER, being 80% eligible for construction costs
 - \$367,372 in G.O. Bonds

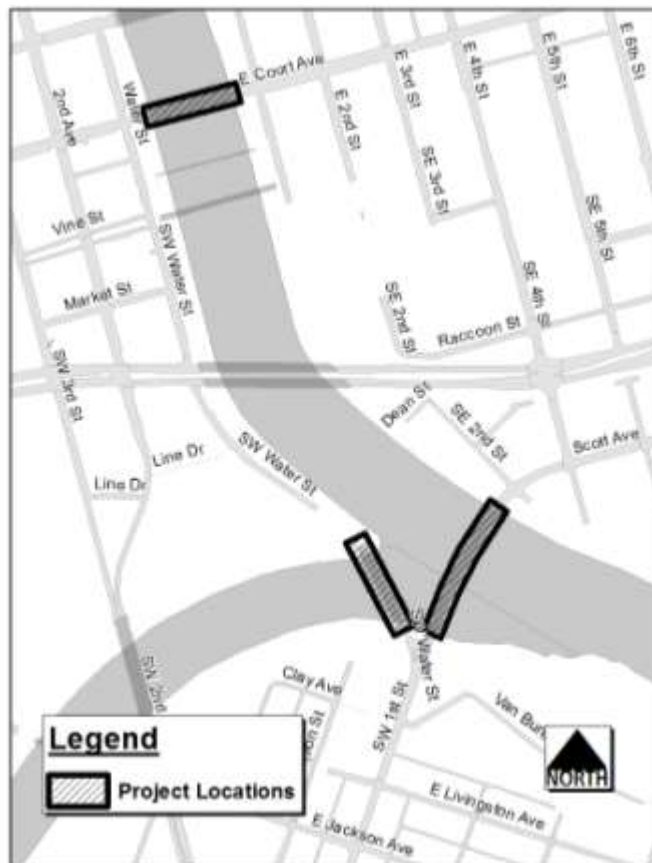
ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Court Avenue, S.W. 1st Street, and Scott Avenue Bridge Rehabilitations, 12-2017-003. The improvement includes the structural rehabilitation of three

(3) bridges; Court Avenue and Scott Avenue bridges over the Des Moines River and S.W. 1st Street pedestrian bridge over the Raccoon River, primarily consisting of the following:

- Court Avenue - includes concrete removal and repair, replacement and strengthening of bridge sidewalks, high performance concrete deck overlay, installation of galvanic corrosion anodes, longitudinal grooving, replacement of existing limestone railing with new limestone railing with a granite base, limestone cleaning and repairs to the exterior bridge elements and facing, replacement of bridge joints, replacement of bridge approach paving, removing and installing new architectural street lighting, traffic control, pavement markings, and mobilization;
- Scott Avenue - includes concrete removal and repair, high performance concrete deck overlay, concrete barrier rail repairs, ornamental metal rail and steel pipe handrail, replacement of bridge joints with new steel extrusion joints and neoprene glands, installation of galvanic corrosion anodes, longitudinal grooving, replacement of bridge approach pavement and sidewalks, traffic control, pavement markings, and mobilization;
- S.W. 1st Street - includes concrete removal and repair, high performance concrete deck overlay, replacement of bridge joints with new steel extrusion joints and neoprene glands, installation of galvanic corrosion anodes, lighting, traffic control, pavement markings, and mobilization; all in accordance with the contract documents, including Plan File Nos. 588-007/144, Des Moines, Iowa.

The estimated construction cost is \$11,133,242.35. 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: December 18, 2017

Roll Call Number: [17-2120](#)

Action: [Approving](#) and authorizing the execution of Department of Transportation Agreement for the TIGER Discretionary Grant for the Bridges to Opportunity: Des Moines' Community Connection project. ([Council Communication No. 17-862](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: December 18, 2017

Roll Call Number: [17-2118](#)

Action: [Approving](#) and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreement for Court Avenue Bridge over the Des Moines River Rehabilitation. ([Council Communication No. 17-855](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

Board: Access Advisory Board

Date: January 17, 2018

Resolution Number: 18-04

Action: Bridge Rehabilitation – Court Avenue over Des Moines River, Scott Avenue over Des Moines River, and SW 1st Street Multi-Use Trail over Raccoon River.

Presentation by Ben Cole, City Engineering Department, of plans for Bridge Rehabilitation. Plans reviewed by Stieler and Meddaugh. Stieler and Meddaugh are satisfied with Cole's responses with no concerns from review and both recommend approval of plans. Motion to approve plans, with notation that the plans for SW 1st Street, due to its preliminary stage, be reviewed by Board again once plans are more developed. Motion by Stieler to approve. Seconded by Meddaugh. Motion Carried.

***The Access Advisory Board will review and approve the minutes with the above action at their next meeting.**

Board: Urban Design Review Board

Date: October 24, 2017

Resolution Number: N/A

Action: D. Review and Recommendation on Final Design of Court Avenue, Scott Avenue, and SW 1st Street Bridge Rehabilitation.

Staff Recommendation: Approval, subject to the S.W. 1st Street Bridge coming before the Board for additional review of future programming, landscaping and trail configuration enhancements.

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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