

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	March 12, 2012
	Agenda Item No.	6D
	Roll Call No.	<u>12-0377</u>
	Communication No.	<u>12-117</u>
	Submitted by:	Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: 6th Avenue over Des Moines River Bridge Rehabilitation - Receiving bids, (3-20-12), and Setting date of hearing, (4-9-12). (Construction Estimate - \$2,378,432.)

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. Recent bridge inspections have found that this bridge, which was originally built in 1966, is beginning to show signs of deterioration and corrosion. This project will rehabilitate the superstructure and substructure, including; concrete repairs, concrete deck overlay, joint repairs, widening the bridge sidewalks, new traffic barrier rails and pedestrian rails, cleaning and painting of the structural steel girders, and storm sewer repairs, thereby extending the service life of the bridge by 25 to 30 years.

FISCAL IMPACT:

Amount: \$2,378,432 City Engineer's Estimate

Funding Source: 2012-2013, Page Bridge-17, Structural Repair - Corrosion Protection, BRV039, Being: \$280,000 in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs only (Max \$280,000), with the remaining \$2,098,432 in Gaming Monies

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 6th Avenue over Des Moines River Bridge Rehabilitation, 12-2011-002. The improvement includes rehabilitation of the existing bridge superstructure and substructure that includes concrete removal and repair, bridge deck repair, concrete repair for deck underside, remove and replace bridge sidewalks, retrofit concrete barrier rail and approach barrier rail, ornamental metal rail and steel pipe handrail, bridge deck overlay, steel extrusion joint and neoprene gland installation, longitudinal grooving, structural steel repair, blast cleaning of structural steel, containment, painting of structural steel, approach PCC patches and repair, removal and replacement of concrete curbs and sidewalks, removal and replacement of storm sewer intakes, remove and replace storm sewer pipe, excavation, topsoil furnish and spread, slope stabilization, erosion control, seeding, traffic control, temporary barrier rail, pavement markings, construction survey, and mobilization; all in accordance with the contract documents including Plan File Nos. 541-89/142, on 6th Avenue over Des Moines River located between Arlington Avenue and Holcomb Avenue, Des Moines, Iowa.

The estimated construction cost is \$2,378,432. 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: May 23, 2011

Roll Call Number: [11-0864](#)

Action: Approving Iowa Department of Transportation Agreements for the following: [6th Avenue](#) over Des Moines River Bridge Rehabilitation. ([Council Communication No. 11-301](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: May 9, 2011

Roll Call Number: [11-0770](#)

Action: Approving Professional Services Agreement with Shuck-Britson, Inc. for evaluation, design, and construction phase services for 6th Avenue over Des Moines River Bridge rehabilitation, not to exceed \$180,431. ([Council Communication No. 11-272](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: October 22, 2007

Roll Call Number: 07-2032

Action: Authorizing submittal of STP and STP-TE Fund FY 2012 Applications to the Des Moines Metropolitan Planning Organization. (Council Communication No. 07-629) Moved by Coleman to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

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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