



Council Communication

Office of the City Manager

Date	February 11, 2008
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Agenda Item No.	8A
Roll Call No.	08-
Communication No.	08-068
Submitted by:	Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Ordering construction of the following: SE 5th Street over Yeader Creek Bridge Rehabilitation - Receiving bids, (2-19-08), and Setting date of hearing, (3-10-08). (Construction Estimate - \$283,981.45).

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 built in 1976, is showing signs of deterioration. This project will rehabilitate the structure, extending the service life of the bridge by 20 to 30 years.

FISCAL IMPACT:

Amount: \$283,981.45 (City Engineer's Estimate)

Funding Source: 2007-2008 CIP, Page Bridge-14, SE Fifth Street Bridge over Yeader Creek, BRV038, various funding, being: \$227,185.16 Federal funds (The IDOT agreement specifies that 80% of the construction costs are eligible for Federal funding up to a maximum of \$336,000) and \$56,796.29 in Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa.

ADDITIONAL INFORMATION:

Due to the condition of this structure, it has become eligible for Federal Surface Transportation Program Funds. The Iowa Department of Transportation (IDOT) and the City of Des Moines have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids. The Agreement specifies that 80% of the construction costs are eligible for Federal funding up to a maximum of \$336,000. The remaining cost will be the responsibility of the City and is programmed in the 2007-08 Capital Improvements Program.

Recent bridge inspections have determined that this 30-year old structure is showing signs of deterioration and should be rehabilitated to preserve its structural integrity. The project includes repair of the concrete deck slab, placement of a high density concrete deck overlay, replacement of the concrete barrier rails and sidewalks, approach pavement replacement, and installation of new pedestrian railings. This rehabilitation project will extend the service life of the bridge by twenty to thirty years. S.E. 5th Street will be closed during construction.

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the SE 5th Street over Yeader Creek Bridge Rehabilitation, 12-2006-003. The improvement includes bridge rehabilitation utilizing Class 'A' and 'B' bridge deck repairs, bridge overlay, removal and replacement of approach pavement and sidewalk, removal and replacement of barrier rails and ornamental railings, revetment, galvanic corrosion protection, grooving, clearing and grubbing, channel excavation, pavement markings and traffic control all in accordance with the contract documents including Plan File Nos. 480-051/064 on the SE 5th Street over Yeader Creek Bridge in Des Moines, Iowa.

The estimated construction cost is \$283,981.45. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

PREVIOUS COUNCIL ACTION(S):

Date: October 8, 2007

Roll Call Number: 07-1918

Action: Approving and authorizing the execution of Iowa Department of Transportation Agreement for SE 5th Street Bridge over Yeader Creek Rehabilitation. (Council Communication No. 07-602) Moved by Hensley to adopt. Motion Carried 7-0.

Date: September 11, 2006

Roll Call Number: 06-1741

Action: Approving Professional Services Agreement with Calhoun-Burns & Associates, Inc. for evaluation, design and construction phase services for rehabilitation of the SE 5th Street Bridge over Yeader Creek, \$49,902. (Council Communication No. 06-564) Moved by Vlassis to adopt. Motion Carried 6-0.

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.