

 <div style="text-align: center;"> <h1 style="margin: 0;">Council</h1> <h1 style="margin: 0;">Communication</h1> <p style="margin: 0;">Office of the City Manager</p> </div>	Date: March 12, 2012
	Agenda Item No. 6A Roll Call No. <u>12-0374</u> Communication No. <u>12-116</u> Submitted by: Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: Grand Avenue Bridge over Walnut Creek - Receiving bids, (3-20-12), and Setting date of hearing, (4-9-12). (Construction Estimate - \$3,189,754.65.)

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 Walnut Creek with a new bridge. The new structure will allow for improved roadway geometrics and maintain pedestrian access while improving the hydraulic capacity of Walnut Creek. Recent bridge inspections determined that this 98-year old bridge is structurally deficient and is nearing the end of its useful life. Further deterioration of this structure will warrant load limit posting or possible closure. The bridge has been designed to maintain the Walnut Creek Trail to pass underneath the structure and includes sidewalks on both sides of the bridge.

FISCAL IMPACT:

Amount: \$3,189,754.65 City Engineer's Estimate

Funding Source: 2012-2013 CIP, Page Bridge-11, Grand Avenue over Walnut Creek, BRV045, Being: Federal Highway Bridge Program funds for 80% of construction costs with a \$1,000,000 maximum, \$1,989,754.65 from BRV045, and the remaining 200,000 in Gaming funds

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 Walnut Creek, 12-2008-001. The improvement includes removal of the existing bridge and substructure, construction of a new continuous concrete slab bridge, bridge ornamental railing and pipe handrail, colored concrete sealer, aesthetic concrete barrier rail, excavation and grading, temporary shoring, revetment, bridge approach pavement removal and replacement, PCC pavement, sidewalk removal and replacement, trail removal and replacement, segmental block retaining wall, fencing, removal and replacement of storm sewer, water main construction and services, temporary traffic signal, temporary barrier rail, traffic control, traffic signalization, pavement markings, erosion control, sodding, construction survey, and mobilization; all in accordance with the contract documents including Plan File Nos. 541-1/75, on Grand Avenue over Walnut Creek located just east of 63rd Street/Highway 28, Des Moines, Iowa.

The estimated construction cost is \$3,189,754.65. 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: March 24, 2008

Roll Call Number: [08-463](#)

Action: [Approving](#) execution of Iowa Department of Transportation (IDOT) Agreement for Grand Avenue over Walnut Creek Bridge Replacement. ([Council Communication No. 08-159](#)) Moved by Vlassis 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.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the second floor of City Hall, 400 Robert D. Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.