



Council Communication

Office of the City Manager

Date

March 24, 2008

Agenda Item No. 7
Roll Call No. 08-
Communication No. 08-159
Submitted by: **Jeb E. Brewer, P.E.**
City Engineer

AGENDA HEADING:

Approving and authorizing the execution of Iowa Department of Transportation Agreement for Grand Avenue over Walnut Creek Bridge Replacement.

SYNOPSIS:

Approval of Iowa Department of Transportation (IDOT) Agreement No. 1-08-HBRRU-003 for Federal Highway Bridge Program Funds for Grand Avenue over Walnut Creek Bridge Replacement. The IDOT has approved this project for funding, up to a maximum of \$1,000,000. The City's portion of the project, consisting of the design, inspection, and construction costs, is estimated to be \$2,400,000.

FISCAL IMPACT:

Amount: \$3,400,000

Funding Source: Various funding sources as follows:

- \$1,000,000 Federal Highway Bridge Program Funds
- \$2,400,000 2008-09 CIP, Page Bridge-11, Grand Avenue over Walnut Creek, BRV045, G.O. Bonds

ADDITIONAL INFORMATION:

Due to the condition of this structure, it has become eligible for Federal Highway Bridge Program Funds. The agreement with IDOT specifies that 80% of the construction costs are eligible for Federal funding up to a maximum of \$1,000,000. The remaining \$2,400,000 of the estimated cost will be the responsibility of the City of Des Moines and is programmed in the 2008-09 CIP.

Recent bridge inspections have determined that this structure, which was originally constructed in 1914 and last rehabilitated in 1961, is showing signs of deterioration and should be replaced with a new bridge. The structurally deficient bridge will be replaced with a new structure that will improve the hydraulic characteristics of the bridge during flood events. The new structure will also provide improved roadway characteristics and sidewalks. Because this will be a complete replacement of the existing structure, Grand Avenue will be closed during construction, which is anticipated for 2011.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Normal actions for award of the construction contract for the work.

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