

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: December 6, 2010
	Agenda Item No. 6 Roll Call No. [_____] Communication No. <u>10-725</u> Submitted by: Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Approving and authorizing the execution of Iowa Department of Transportation (IDOT) Agreement for Fleur Drive Viaduct over American Discovery Trail Bridge Rehabilitation

SYNOPSIS:

Recommend approval of IDOT Agreement No. 1-10-STPU-015 for Federal Surface Transportation Program Funds for Fleur Drive Viaduct over American Discovery Trail Bridge Rehabilitation. The IDOT has approved this project for funding, up to a maximum of \$300,000. The City’s portion of the project, consisting of the design, inspection, and construction costs, is estimated to be \$1,400,000.

FISCAL IMPACT:

Amount: \$1,700,000

Funding Source: Various funding sources as follows:

- \$300,000 Federal Surface Transportation Program Funds
- \$1,400,000 2010-11 CIP, Page Bridge-16, Structural Repair – Corrosion Protection, BRV039, Gaming Monies

ADDITIONAL INFORMATION:

Due to the condition of this structure, it has become eligible for Federal Surface Transportation Program Funds. The agreement with IDOT specifies that 80% of the construction costs are eligible for Federal funding up to a maximum of \$300,000. The remaining \$1,400,000 of the estimated cost will be the responsibility of the City of Des Moines and is programmed in the 2010-11 CIP.

Recent bridge inspections have determined that this 75-year old structure is showing signs of deterioration and should be rehabilitated to preserve its structural integrity. The project includes replacement of the concrete deck slab, placement of a high density concrete deck overlay, replacement of the concrete barrier rails, approach pavement replacement, abutment repair, cleaning and repainting of steel superstructure, and installation of new sidewalk and pedestrian railings. This rehabilitation project will extend the service life of the bridge by twenty to thirty years. Fleur Drive will be closed during demolition, replacement of the concrete deck slab, high density concrete overlay, and approach pavement. It will reopen to one lane of traffic in each direction while the contractor completes the separation barrier rail, sidewalk on each side of the bridge, and the sidewalk ornamental railing.

PREVIOUS COUNCIL ACTION(S):

Date: October 9, 2006

Roll Call Number: 06-1960

Action: [Authorizing](#) submittal of STP and STP-TE Fund Applications to the Des Moines Metropolitan Planning Organization. ([Council Communication No. 06-634](#)) Moved by Hensley to adopt. Motion Carried 6-0.

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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