

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b> February 14, 2011
	<p><b>Agenda Item No.</b> 7A  <b>Roll Call No.</b> <u>11-</u>  <b>Communication No.</b> <u>11-083</u>  <b>Submitted by:</b> <b>Jeb E. Brewer, P.E., City Engineer</b></p>

**AGENDA HEADING:**

Ordering construction of Fleur Drive Viaduct over American Discovery Trail Rehabilitation - Receiving bids, (2-15-11), and Setting date of hearing, (3-14-11). (Construction Estimate - \$1,474,931).

**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 viaduct, which was originally built in 1936, is beginning to show signs of deterioration and corrosion. This project will rehabilitate the superstructure and substructure, including cleaning and painting of the structural steel girders, replacement of the deck and expansion joints, repair of structural elements including piers, columns, and abutments, and replacement of barriers, sidewalks, and approach pavement; thereby extending the service life of the bridge by 25 to 30 years.

**FISCAL IMPACT:**

Amount: \$1,474,931 City Engineer's Estimate

Funding Source: 2010-2011 CIP, Page BRV-16, Structural Repair - Corrosion Protection, BRV039, Being

various funding sources as follows:

- \$1,174,931 in Gaming Monies;
- \$300,000 in Federal Surface Transportation Program (STP) funds being: 80% eligible construction costs only, with \$300,000 maximum.

**ADDITIONAL INFORMATION:**

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer’s estimate for the construction of the Fleur Drive Viaduct over American Discovery Trail Rehabilitation, 12-2009-003. The improvement includes rehabilitation of the superstructure and substructure, including cleaning and painting of the structural steel girders, replacement of the deck and expansion joints, repair of structural elements including piers, columns, and abutments, and replacement of barriers, sidewalks, and approach pavement; in accordance with the contract documents, including Plans File Nos. 525-108/152, on the Fleur Drive Viaduct over the American Discovery Trail located between Bell Avenue and George Flagg Parkway.

The estimated construction cost is \$1,474,931. 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: January 24, 2011

Roll Call Number: 11-0085

Action: [Approving](#) Supplemental Agreement No. 1 to Professional Services Agreement with Foth Infrastructure and Environment, LLC for additional design and construction phase services for Fleur Drive Viaduct over American Discovery Trail Rehabilitation, not to exceed \$23,801. ([Council Communication No. 11-030](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: December 6, 2010

Roll Call Number: [10-1978](#)

Action: [Approving](#) execution of Iowa Department of Transportation (IDOT) Agreement for Fleur Drive Viaduct over American Discovery Trail Bridge Rehabilitation. ([Council Communication No. 10-725](#)) Moved by Mahaffey to adopt. Motion Carried 7-0.

Date: May 4, 2009

Roll Call Number: 09-713

Action: [Approving](#) Professional Services Agreement with Foth Infrastructure and Environment, LLC for evaluation, design, and construction phase services for the Fleur Drive Viaduct over American Discovery Trail Rehabilitation, not to exceed \$76,736. ([Council Communication No. 09-293](#)) Moved by Hensley to adopt. Motion Carried 7-0.

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.

Date: October 24, 2005

Roll Call Number: 05-2534

Action: Authorizing submittal of STP and STP-TE Fund Applications to the Des Moines Metropolitan Planning Organization. (Authorizing submittal of STP and STP-TE Fund Applications to the Des Moines Metropolitan Planning Organization. ([Council Communication No. 05-593](#)) Moved by Vlassis to adopt. Motion Carried 7-0.)

Date: October 25, 2004

Roll Call Number: 04-2273

Action: Authorization to submit applications to Des Moines Metropolitan Planning Organization for Federal Surface Transportation Program (STP) and Transportation Enhancement (TE) funds for 2008 Fiscal Year. ([Council Communication No. 04-540](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: November 3, 2003

Roll Call Number: 03-2493

Action: Submitting applications to the Metropolitan Planning Organization for Federal Surface Transportation Program (STP) and Transportation Enhancement (TE) funds for the following projects: ([Council Communication No. 03-525](#)). Moved by Hensley 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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