

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b> June 14, 2010
	<b>Agenda Item No.</b> 74 <b>Roll Call No.</b> [Roll Call] <b>Communication No.</b> <u>10-351</u> <b>Submitted by:</b> <b>Jeb E. Brewer, P.E.</b> <b>City Engineer</b>

**AGENDA HEADING:**

Hearing on Easton Boulevard Bridge over Four Mile Creek: Resolution approving plans, specifications, form of contract documents, engineer’s estimate, receive and file bids, and designating lowest responsible bidder as Herberger Construction Co., Inc., Dean Herberger, President, \$1,348,338.76.

**SYNOPSIS:**

This is a public hearing to allow for public input on the Easton Boulevard Bridge over Four Mile Creek and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This project provides for the replacement of the structurally deficient and geometrically obsolete bridge on Easton Boulevard over Four Mile Creek with a new bridge. The new structure will allow for improved roadway geometrics and pedestrian access while improving the hydraulic characteristics of the bridge opening. Recent bridge inspections determined that this 60-year old bridge is structurally deficient and is nearing the end of its useful life.

**FISCAL IMPACT:**

Amount: \$1,348,338.76 Construction Contract (\$1,510,784.25 City Engineer's Estimate)

Funding Source: 2010-2011 CIP, Page Bridge-9, Easton Boulevard over Four Mile Creek, BRV042, Being: Federal Highway Bridge Program funds for 80% of construction costs with a \$1,000,000 maximum, \$248,338.76 in gaming monies from the Agreement with Polk County and The Racing Association of Central Iowa under BRV042, and also a transfer of \$100,000 of gaming monies from City-wide Bridges, Page Bridge-5, BRV003.

**ADDITIONAL INFORMATION:**

The replacement of the Easton Boulevard Bridge over Four Mile Creek was identified as a high priority project in the 2009 City-Wide Bridge and Structure Evaluation. This 60-year old structure is showing signs of deterioration and should be replaced with a new bridge. The structurally deficient bridge will be replaced with a larger 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, Easton Boulevard will be closed during construction.

Due to the condition of this structure, it is eligible for Federal Highway Bridge Program Funds. On February 26, 2007, under Roll Call No. 07-319, the City Council approved the Iowa Department of

Transportation (IDOT) Agreement No. 1-07-HBRRU-005 for Federal Highway Bridge Program Funds for Easton Boulevard over Four Mile Creek Bridge Replacement. The agreement specifies that 80% of the construction costs are eligible for Federal funding up to a maximum of \$1,000,000.

On May 10, 2010, under Roll Call No. 10-691, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Easton Boulevard Bridge over Four Mile Creek. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the Easton Boulevard Bridge over Four Mile Creek, 12-2007-004. The improvement includes the following:

- Division I: Excavation Class 10 Channel, Removal of Existing Bridge, Excavation Class 20 and 21, Structural Concrete (Bridge), Colored Sealer Coating for Structural Concrete, Reinforcing Steel, Epoxy Coated Reinforcing Steel, Concrete Open Railing, Steel Pipe Pedestrian Railing, Structural Steel Pedestrian Railing, Piles Steel, Engineering Fabric, Revetment Class E, Electrical Circuits, Mobilization, Light Fixture;
- Division II: Clearing and Grubbing, Excavation Class 10 Roadway and Borrow, Top Soil Strip and Spread, Compaction with Moisture and Density Control, Bridge Approach Pavement, Standard or Slip Form 9" PCC Pavement Class C, Removal of Existing Structures, Aprons Concrete 30" and 48", Remove and Reinstall Concrete Pipe Aprons, Manhole Storm Sewer, Storm Sewer (Class II) 30" and 3000 (Class IV) 48", Removal of Storm Sewer Pipe, Removal of Steel Guard Rail, Erosion Stone, Removal of Pavement, Removal Intakes and Utility Access, Removal of Recreational Trail, Recreational Trail 6" and 8" PCC, Special Compaction of Subbase, Removal of Sidewalk, Sidewalk PCC 4" and 8", Detectable Warnings for Curb Ramps, Concrete Barrier Rail, Safety Closure, Fence Chain Link 48", Construction Survey, Painted Pavement Markings, Traffic Control, Fencing, Mulching, Seeding and Sodding, Silt Fence.

All work shall be in accordance with the contract documents, including Plan File Nos. 519-001/047 for Easton Boulevard Bridge over Four Mile Creek in Des Moines, Iowa.

Sealed bids for said improvement were submitted by the following bidders:

Herberger Construction Co., Inc., Indianola, IA  
United Contractors, Inc. and Subsidiaries, Johnston, IA  
Dixon Construction Co., Inc., Correctionville, IA  
Jensen Construction Co., Des Moines, IA

The bids, in accordance with a previously approved IDOT Agreement, were received and opened by the IDOT on May 18, 2010. The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Herberger Construction Co., Inc., Dean Herberger, President, 2508 West 2nd Avenue, P.O. Box 326, Indianola, IA, 50125 in the amount of \$1,348,338.76, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.

**PREVIOUS COUNCIL ACTION(S):**

Date: May 10, 2010

Roll Call Number: [10-691](#)

Action: Ordering construction of the following: [Easton](#) Boulevard Bridge over Four Mile Creek: Receiving of bids, (5-18-10), and Setting date of hearing, (6-14-10). (Construction Estimate - \$1,510,784.25). ([Council Communication No. 10-255](#)) Moved by Moore to adopt and refer to the City Manager to work with City Engineer and DART to provide construction schedule and detour routes to affected neighbors as soon as possible. Motion Carried 7-0.

Date: January 26, 2009

Roll Call Number: [09-068](#)

Action: [Approving](#) Professional Services Agreement with Calhoun-Burns and Associates for design and construction phase services for the Easton Boulevard Bridge Replacement over Four Mile Creek, not to exceed \$155,600. ([Council Communication No. 09-033](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: February 26, 2007

Roll Call Number: [07-319](#)

Action: [Approving](#) Iowa Department of Transportation Agreement for Easton Boulevard over Four Mile Creek Bridge Replacement. ([Council Communication No. 07-099](#)) Moved by Hensley to adopt. Motion Carried 6-1.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

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](mailto:cityclerk@dmgov.org).