

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b>	May 23, 2011
	<b>Agenda Item No.</b>	<b>57</b>
	<b>Roll Call No.</b>	<b><u>11-935</u></b>
	<b>Communication No.</b>	<b><u>11-309</u></b>
	<b>Submitted by:</b>	<b>Jeb E. Brewer, P.E., City Engineer</b>

**AGENDA HEADING:**

Hearing on Tonawanda Drive Ravine Improvements: Resolution approving plans, specifications, form of contract documents, engineer’s estimate, and receive and file bids.

**SYNOPSIS:**

This is a public hearing to allow for public input on the Tonawanda Drive Ravine Improvements and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This project will provide solutions for the ongoing erosion and stream degradation that is occurring along both the east-west and north-south reaches of Tonawanda Drive. Stabilizing these channels will prevent any further damage to sanitary sewer lines and the Tonawanda Drive roadway.

**FISCAL IMPACT:**

Amount: \$2,400,000 City Engineer's Estimate (Apparent low bid is \$3,084,601)

Funding Source: 2011-2012 CIP, Page Storm-17, Tonawanda Ravines, STE082, Being: \$588,809.87 Storm Water Bonds Issued; \$700,000.00 in I-JOBS II Targeted Disaster Relief Grant funds (\$700,000 maximum); \$176,794.45 from STR003, Asphaltic Paving Restoration Program, Page Street-5 for Tonawanda Drive resurfacing; \$118,996.68 from Des Moines Water Works; funding shortfall of \$1,500,000 will need to be addressed prior to selection of the apparent low bidder

**ADDITIONAL INFORMATION:**

The Salisbury Oaks watershed is a 180-acre urban watershed located in the western part of Des Moines south of Interstate I-235, and is generally bounded by Ingersoll Avenue to the north, Foster Drive to the west, 37th Street to the east and John Lynde Road to the south. The area was developed in the early 1900’s before the City of Des Moines expanded and annexed the area. The watershed consists of a mix of single-family residential properties, multi-family units and non-residential properties (churches, businesses, schools, etc.).

On December 22, 2008, by Roll Call No. 08-2178, the City Council approved a professional services agreement with HDR Engineering for the study to address erosion issues in the ravines located in the street right of way of Tonawanda Drive. A report for the Tonawanda Ravine Improvement Study was provided to the City in June 2009. Meetings were held with the Tonawanda Ravine committee from the neighborhood throughout the study process to identify their concerns and present the final report recommendations. The report identified projects recommending improvements to address downcutting of the streambed, stabilization of the streambank, and to convey street runoff to the stream in a more controlled manner. On July 12, 2010, by Roll Call No. 10-1119 the City Council approved a professional service agreement with HDR to provide the design services for all the improvements identified in the June 2009 study as well as storm sewer and streambank repair downstream near 39th Street and Welker Avenue.

In 2010, the Iowa Legislature and Governor of Iowa appropriated \$30,900,000 for grants to certain disaster relief and mitigation renovation and construction projects. The City was awarded \$8,500,000 under this targeted, non-competitive I-JOBS fund for the Court Avenue/Water Street Storm Water Pump Station, Riverpoint Sewer Separation Project, Tonawanda Ravine Improvements, Fire Department Training and Logistics Facility, and WRA Equalization Basin Utilization. On December 6, 2010, by Roll Call Number 10-1979 the City Council approved execution of four Iowa Jobs Program Grant Award Agreements with the Iowa Jobs Board and The Iowa Finance Authority, of which \$700,000 was approved for the Tonawanda Ravine Improvements project.

On April 25, 2011, under Roll Call No. 11-0653, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Tonawanda Drive Ravine Improvements. 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 Tonawanda Drive Ravine Improvements, 08-2011-002. The improvement includes the stabilization of stream banks, construction of storm sewer, intakes, manholes, water mains, and curb and gutter, scarification and HMA overlay, seeding, sodding, and other incidental items; in accordance with the contract documents, including Plan File Nos. 531-028/104, located on Tonawanda Drive between 42nd Street and Grand Avenue, Des Moines Iowa.

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

Elder Corporation, Des Moines, IA, Bid withdrawn by Bidder  
Corell Contractor, Inc., West Des Moines, IA  
McAninch Corporation, Des Moines, IA

The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on May 10, 2011.

The bids received were greater than the Engineer's estimate. City staff is discussing project cost factors with the design consultant, and are also reviewing any possible modifications to the project. Possible additional funding options are also being reviewed. This information will be obtained and evaluated prior to considering the designation of lowest responsive, responsible bidder and approving contract and bond and permission to subcontract. It is anticipated the recommended action will be brought before the City Council on June 13, 2011.

#### **PREVIOUS COUNCIL ACTION(S):**

Date: April 25, 2011

Roll Call Number: [11-0653](#)

Action: Ordering construction of the following: (B) [Tonawanda](#) Drive Ravine Improvements: Receiving of bids, (5-10-11), Setting date of hearing, (5-23-11). (Construction Estimate - \$2,400,000). ([Council Communication No. 11-242](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: December 6, 2010

Roll Call Number: [10-1979](#)

Action: [Approving](#) execution of four Iowa Jobs Program Grant Award Agreements with the Iowa Jobs Board and the Iowa Finance Authority. ([Council Communication No. 10-726](#)) Moved by Mahaffey to adopt. Motion Carried 7-0.

Date: July 12, 2010

Roll Call Number: [10-1119](#)

Action: [Approving](#) Professional Services Agreement with HDR Engineering, Inc. for design services for the Tonawanda Ravine Improvements, not to exceed \$204,287. ([Council Communication No. 10-441](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: July 27, 2009

Roll Call Number: [09-1395](#)

Action: [Authorization](#) to submit a grant application to I-Jobs for flood related improvements, repair and mitigation and other public improvements and approval of City of Des Moines matching fund commitment requirements. ([Council Communication No. 09-518](#)) Moved by Meyer to approve. Motion Carried 7-0.

Date: December 22, 2008

Roll Call Number: [08-2178](#)

Action: [Approving](#) Professional Services Agreement with HDR Engineering, Inc. for Tonawanda Ravines Improvement Study, not to exceed \$36,500. ([Council Communication No. 08-749](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated actions include designating lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.

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