



Council Communication

Office of the City Manager

Date:	June 13, 2011
Agenda Item No.	9A
Roll Call No.	<u>11-972</u>
Communication No.	<u>11-375</u>
Submitted by:	Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: Tonawanda Drive Ravine Improvements - Receiving bids, (6-28-11), and Setting date of hearing, (7-11-11). (Construction Estimate - \$2,268,000).

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. This project will provide solutions for the ongoing erosion and stream degradation that is occurring along the north-south reach of Tonawanda Drive. Stabilizing these channels will prevent any further damage to sanitary sewer lines and the Tonawanda Drive roadway.

FISCAL IMPACT:

Amount: \$2,268,000 City Engineer's Estimate

Funding Source: 2011-2012 CIP, Tonawanda Ravines, STE082, Page Storm-17, Being: \$748,036.10 Storm Water Utility Funds; \$700,000 in I-JOBS II Targeted Disaster Relief Grant funds (\$700,000 maximum); \$202,514 from STR003, Asphaltic Paving Restoration Program, Page Street-5 for Tonawanda Drive resurfacing; \$98,423 from SAE054, City-wide Sanitary Sewers, Page Sanitary-7 for sanitary sewer protection; \$119,026.90 from Des Moines Water Works; with a transfer of \$400,000 of Storm Water Utility Funds from Hamilton Drainage Area Improvements, STE133, Page Storm-11.

ADDITIONAL INFORMATION:

On April 25, 2011, under Roll Call No. 11-0653, the City Council ordered construction, authorized to receive bids on May 10, 2011 and set a date of hearing for May 23, 2011 for the Tonawanda Drive Ravine Improvements project. The construction estimate for the Tonawanda Drive Ravine Improvements project was estimated at \$2,400,000. On May 23, 2011, under Roll Call No. 11-0935, the City Council held a hearing on the resolution approving plans, specifications, form of contract documents, Engineer's estimate, receive and file bids and the hearing was closed. The bid of \$3,084,601 was greater than the Engineer's estimate. City staff discussed project cost factors with the design consultant, and also reviewed any possible modifications to the project. This information resulted in a recommendation to rebid a smaller project.

The previous Tonawanda Drive Ravine Improvements project has been reduced to meet budget. The previous Tonawanda Drive Ravine Improvements project included repair of erosion and stream degradation that is occurring at three locations, along the east- west and north- south reaches of

Tonawanda Drive, as well as the reach south of Welker Avenue and east of 39th Street. The bids received on May 10, 2011 for this work were substantially above the estimated cost. Therefore, the project was modified to delete the east-west reach of Tonawanda Drive and the work south of Welker Avenue east of 39th Street. The improvements at these two locations will be completed at a later phase when funding is identified.

The Engineering Department has prepared plans, specifications, form of contract documents and City Engineer's estimate for the construction of Tonawanda Drive Ravine Improvements, 08-2011-002. The improvement includes the stabilization of stream banks, construction of storm sewer, intakes, manholes, water mains, curb and gutter, scarification and HMA overlay, seeding, sodding and other incidental items; in accordance with the contract documents, including Plan File Nos. 532-150/214, located on Tonawanda Drive south of Grand Avenue, Des Moines Iowa.

The estimated construction cost is \$2,268,000. 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: May 23, 2011

Roll Call Number: [11-0935](#)

Action: [On](#) Tonawanda Drive Improvements: Resolution approving plans, specifications, form of contract documents, Engineer's estimate and to receive and file bids. ([Council Communication No. 11-309](#)) Moved by Hensley to adopt; refer to the City Manager to identify areas in Des Moines without storm sewers, and discuss this at a workshop. Motion Carried 7-0.

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: 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.

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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