

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: June 14, 2010
	Agenda Item No. 7E Roll Call No. [Roll Call] Communication No. <u>10-343</u> Submitted by: Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Ordering construction of the following: 33rd Street Sewer Separation - Receiving bids, (6-29-10), and Setting date of hearing, (7-12-10). (Construction Estimate - \$1,690,060).

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 provides for the separation of the combined sewer system at several locations between Martin Luther King Jr. Parkway and 42nd Street in the vicinity of I-235. A new storm sewer system will be constructed in this area to allow connection of the existing storm water intakes to the storm sewer and remove them from the combined (storm and sanitary) sewer. The project also includes construction of sanitary sewers to allow the removal of sanitary sewer service connections from the existing storm sewer system. This work is included in the Long Term Control Plan that has been developed to eliminate combined sewer overflows.

FISCAL IMPACT:

Amount: \$1,690,060 City Engineer's Estimate

Funding Source: 2010-2011 CIP, Page Sanitary-9, CSS - 33rd Street Sewer Separation, SAE-130, Being: \$1,200,000 in HUD Disaster funds from the Iowa Department of Economic Development (IDED) for 100% of construction costs associated with the 33rd Street Sewer Separation (\$1,200,000 maximum) in Federal Jumpstart Infrastructure Assistance funds, with the remaining \$490,060 in Sanitary Sewer Funds.

ADDITIONAL INFORMATION:

In the summer of 2008, there was extensive damage across Iowa from flooding and other severe weather. As part of the Federal Disaster Relief program, the State of Iowa has funds available under the JumpStart Program for Housing Assistance, Small Business Assistance and Infrastructure Assistance. The Iowa Department of Economic Development (IDED) has accepted applications for the Infrastructure Assistance program.

On May 18, 2009, under Roll Call Number 09-833, the City Council authorized submittal of four project applications to the IDED under the Infrastructure Assistance Program. The projects were identified as those being competitive in the grant selection criteria. Important criteria considered were the direct

relationship of the project to the 2008 disaster, threat to health, safety, or welfare, benefit to low and moderate income persons and burden associated to the same group if local revenue was used to accomplish the project and the ability to construct the projects quickly. One of the four project applications submitted was \$1,600,000 for the proposed 33rd Street Sewer Separation Project. The project would be the construction of 15-inch through 42-inch storm sewer, and 8-inch and 10-inch sanitary sewer in an area generally bounded on the North by University Avenue, on the East by 31st Street, on the South by Woodland Avenue, and on the West by 42nd Street, which has a total service area of approximately 220 acres in Des Moines, Iowa. The sewers in the area of the proposed improvements were installed nearly 100 years ago and were built to a standard that is no longer acceptable. The heavy rainfalls that occurred during 2008 caused the sewer system in this area to become overloaded and this caused sewers to surcharge, resulting in numerous basement backups in the low lying portions of the sewer service area.

All four of the projects submitted were selected for funding by IDED, and on November 19, 2009, under Roll Call No. 09-2071, the grants were approved by the City Council including Contract Number 08-DRI-034 in the amount of \$1,200,000 for the 33rd Street Sewer Separation project.

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 33rd Street Sewer Separation, 07-2009-008. This improvement includes the separation of the City's combined sanitary and storm sewer system at several locations west of downtown and in the proximity of I-235. The construction includes the installation of manholes, intakes, storm sewer piping and sanitary sewer piping and the replacement of street pavement, sidewalks, and other related items; all in accordance with the contract documents including Plan File Nos. 517 – 145/172. The project locations include 33rd Street from Woodland Avenue to Center Street, 37th Street from Crocker Street to Cottage Grove Avenue, Cottage Grove Avenue from 35th Street to 38th Street, Kingman Boulevard from 37th Street to 40th Place, M.L. King Jr. Parkway from Leyner Street to Crocker Street, the 2500 block of Center Street, and 35th Street north of Ingersoll Avenue, Des Moines, Iowa.

The estimated construction cost is \$1,690,060. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office. This project will require the removal of five trees that are twelve inches in diameter or larger. Of the five trees, one is not approved for planting in the ROW and does not require mitigation. The removal of the remaining four trees will be mitigated in accordance with the City Council adopted policy by transferring \$6,000 into the City Tree Replacement Fund. Tree mitigation is not eligible for federal funds under the IDED CDBG Program, and will be funded with sanitary sewer funds.

PREVIOUS COUNCIL ACTION(S):

Date: November 16, 2009

Roll Call Number: [09-2071](#)

Action: [Approving](#) and authorizing the execution of CDBG Disaster Recovery Infrastructure Notice of Award and Grant Contracts with the Iowa Department of Economic Development for 4 projects: ([Council Communication No. 09-801](#)) Moved by Hensley to adopt. Motion Carried 4-3.

- A. Court Avenue – Water Street Sewer Separation Project, \$4,000,000.

- B. Lower Union Sewer Separation Project, \$5,000,000.
- C. 33rd Street Sewer Separation, \$1,200,000.
- D. Jackson Basin Pump Station Project, \$5,000,000.

Date: May 18, 2009

Roll Call Number: [09-833](#)

Action: [Authorization](#) to submit CDBG Disaster Recovery Infrastructure Applications to the Iowa Department of Economic Development. ([Council Communication No. 09-346](#)) Moved by Kiernan to adopt. Motion Carried 6-1. Absent: Cownie.

Date: December 3, 2007

Roll Call Number: [07-2285](#)

Action: Approving Professional Services Agreement with Veenstra & Kimm, Inc. for [Design](#) and construction phase services for the 33rd Street Storm Sewer Separation, not to exceed \$99,456. ([Council Communication No. 07-717](#)) 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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