

 <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> 7C <b>Roll Call No.</b> [Roll Call] <b>Communication No.</b> <u>10-345</u> <b>Submitted by:</b> <b>Jeb E. Brewer, P.E.</b> <b>City Engineer</b>

**AGENDA HEADING:**

Ordering construction of the following: Lower Union Park Sewer Separation - Receiving bids, (6-29-10), and Setting date of hearing, (7-12-10). (Construction Estimate - \$4,923,217).

**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 in an area bounded by E. Sheridan Avenue on the north, E. University Avenue on the south, E. 14th Street on the east, and Pennsylvania Avenue on the west. 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. This work is included in the Long Term Control Plan that has been developed to eliminate combined sewer overflows.

**FISCAL IMPACT:**

Amount: \$4,923,217 City Engineer's Estimate

Funding Source: 2010-2011 CIP, Page Sanitary-7, CSS - Lower Union Park Sewer Separation Project, SAE126, Being: \$4,923,217 in HUD Disaster funds from the Iowa Department of Economic Development (IDED) for 100% of construction costs associated with the Lower Union Park Sewer Separation with a \$5,000,000 maximum in Federal Jumpstart Infrastructure Assistance 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. The one of the four project applications submitted was a \$5,000,000 funding request for the proposed Lower Union Sewer Separation Project. The project would be the construction of 6,000 feet of storm sewer, and several hundred feet of 8-inch sanitary sewer in an area generally bounded on the North by Thompson and E Sheridan Avenues, on the East by E 15th Street and Glenbrook Drive, on the South by E University Avenue, and on the West by the Des Moines River, which has a total service area of approximately 470 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-033 in the amount of \$5,000,000 for Lower Union Sewer Separation Project.

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Lower Union Park Sewer Separation, 08-2010-008. This improvement includes approximately 9,300 linear feet of 12-inch through 60-inch storm sewer pipe, 880 linear feet of 12-inch through 20-inch sanitary sewer pipe, 24,000 square yards of PCC pavement, 1,500 tons of 2-inch HMA overlay, 1,800 square yards of PCC driveway, 3,450 square yards of PCC sidewalk, storm and sanitary manholes, intakes, sanitary sewer service line, erosion control, tree removal and protection, sewer abandonment and other related items; all in accordance with the contract documents, including Plan File Nos. 517-050/121. This project is located along Thompson Avenue from East Ninth Street to York Street, on East 12th Street and on East 13th Street from Thompson Avenue to Mattern Avenue, on East Washington Avenue from Pennsylvania Avenue to East Ninth Street, on East Ninth Street from East Washington Avenue to Garfield Avenue, on Cleveland Avenue from East Ninth Street to East 13th Street, on Garfield Avenue from East Ninth Street to East 12th Street, on East 13th Street from East Washington Avenue south 1/2 block, on East 15th Street from Garfield Avenue to East University Avenue and on East 13th Street from Morton Avenue to East Sheridan Avenue; all in the City of Des Moines, Iowa.

The estimated construction cost is \$4,923,217. 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 fifty-five trees that are twelve inches in diameter or larger. Of the fifty-five trees, twenty-five are not approved for planting in the ROW and do not require mitigation. The removal of the remaining thirty trees will be mitigated in accordance with the City Council adopted policy by transferring \$34,400 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. 33<sup>rd</sup> 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: [07-2286](#)

Action: [Design](#) and construction phase services for the Lower Union Park Sewer Separation, not to exceed \$328,405. ([Council Communication No. 07-716](#)) 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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