



Council Communication

Office of the City Manager

Date

March 24, 2008

Agenda Item No. 6A
Roll Call No. 08-
Communication No. 08-167
Submitted by: Jeb E. Brewer, P.E.
City Engineer

AGENDA HEADING:

Ordering construction of 13th Street & Jefferson Avenue Overflow Elimination - Receiving bids, (4-8-08), and Setting date of hearing, (4-21-08). (Construction Estimate - \$1,439,191).

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 is necessary to separate the existing combined sewer system in this area by constructing storm sewer systems, as well as an extension of the existing sanitary sewer system. It will eliminate the combined sewer overflow (CSO) at 13th Street & Jefferson Avenue in order to meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines. This work is included in the Long Term Control Plan that has been developed to eliminate combined sewer overflows as submitted to the Iowa Department of Natural Resources with the current NPDES permit for the operation of the Wastewater Collection System.

FISCAL IMPACT:

Amount: \$1,439,191 City Engineer's Estimate

Funding Source: 2007-2008 CIP, Page Sanitary-9, CSS-13th Street and Jefferson Overflow Reroute and Intake Removal, SAE125, Sanitary Sewer Funds

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 13th Street & Jefferson Avenue Overflow Elimination, 07-2008-002. This improvement includes all work necessary to separate the existing combined sewer system by constructing storm sewer systems, as well as the extension of an existing sanitary sewer system. This improvement includes 2330 LF of 15" RCP storm sewer; 353 LF of 18" RCP storm sewer; 25 LF of 12" sanitary sewer; 2176 LF of 18" sanitary sewer; 95 LF of steel casing bored and jacked with 18" sanitary sewer; 670 LF of 24" sanitary sewer; along with all of the necessary manholes and intakes; clearing and grubbing; erosion control; NPDES permitting; sewer plugs; sewer filling; pavement, driveway, and sidewalk removal and replacement; modified subbase; special subgrade compaction; mobilization; traffic control; construction surveying; project sign; and site restoration; all in accordance with the contract documents including Plan File Nos. 488 - 127/177. This project has numerous construction sites generally bounded by Franklin Avenue on the north, 16th Street on the east, Forest Avenue on the south, and Martin Luther King Jr. Parkway on the west; also at the intersection of 23rd

Street and Clark Street; and from west of Prospect Road and north of Hickman Road southwesterly through Douglas Park to the 1800 block of 13th Street, Des Moines, Iowa.

The estimated construction cost is \$1,439,191. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

PREVIOUS COUNCIL ACTION(S):

Date: July 24, 2006

Roll Call Number: [06-1430](#)

Action: [Approving](#) Professional Services Agreement with McClure Engineering Company in conjunction with Thirteenth Street and Jefferson Avenue Overflow Reroute and Intake Removal, not to exceed \$176,800. ([Council Communication No. 06-461](#)) 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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