



Council Communication

Office of the City Manager

Date	September 8, 2008
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Agenda Item No.	6A
Roll Call No.	08-
Communication No.	08- 537
Submitted by:	Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Ordering construction of the following: Hickman Road Traffic Signal Improvements: 48th Street, 4400 & 5500 Blocks - receiving bids, (9-30-08), and setting date of hearing, (10-13-08). (Construction Estimate - \$355,350).

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 include construction of new traffic signals at the intersection of 48th Street and Hickman Road, including fiber optic interconnects east along Hickman Road to Beaver Avenue. This traffic signal, along with the two mid-block pedestrian signal replacements on Hickman Road near 56th Street and near 44th Street, will involve new signal poles that will be installed outside the 10-foot clear zone. New mast arms with overhead signals and back plates will be installed.

FISCAL IMPACT:

Amount: \$355,350 City Engineer's Estimate

Funding Source: 2008-2009 CIP, Page Traffic-5, City-wide Signals, Channelization, and School Crossing Protection Program, TFC091, Being: \$170,000 in Iowa DOT Traffic Safety Improvement Funds with the remainder in City G. O. Bonds

ADDITIONAL INFORMATION:

In July of 2006, the City Council authorized submission of an application to the Iowa Department of Transportation (IDOT) for Hickman Road Restriping – 30th Street to Merle Hay Road, including a traffic signal at 48th Street and Hickman Road. The IDOT approved \$170,000 for the construction of new traffic signals at the intersection of 48th Street and Hickman Road, including fiber optic interconnects east along Hickman Road to Beaver Avenue, along with replacement of the mid-block pedestrian signals on Hickman Road near 56th Street and near 44th Street. The construction of the traffic signal, along with the two mid-block signal replacements, will include new signal poles that will be installed outside the 10-foot clear zone and new mast arms with overhead signals and back plates.

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Hickman Road Traffic Signal Improvements: 48th Street, 4400 & 5500 Blocks, 04-2007-017. The improvements consists of installing new traffic signals at 48th Street and Hickman Road and upgrading the existing midblock pedestrian signals in the 4400 and 5500

blocks of Hickman Road in accordance with the contract documents including Plan File Nos. 491-135/147 in Des Moines, Iowa.

The estimated construction cost is \$355,350. 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 9, 2007

Roll Call Number: 07-1249

Action: Approving and authorizing execution of Iowa Department of Transportation Agreement for Traffic Safety Improvements on Hickman Road from 30th Street to Merle Hay Road. (Council Communication No. 07-396) 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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