

 <h1 style="text-align: center;">Council Communication</h1> <p style="text-align: center;">Office of the City Manager</p>	Date	June 8, 2009
	Agenda Item No. 7B Roll Call No. <u>09-</u> Communication No. <u>09-383</u> Submitted by: Jeb E. Brewer, P.E. City Engineer	

AGENDA HEADING:

Ordering construction of the following: E. University Avenue/E. 30th Street Traffic Signal Interconnect Improvements - Receiving bids, (6-16-09), and Setting date of hearing, (7-13-09). (Construction Estimate - \$469,000).

SYNOPSIS:

Recommend the City Council proceed with construction of this improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. The project provides for upgrading the existing traffic signal interconnect system on East University Avenue (Iowa 163) from Hubbell Avenue to Williams Avenue and on East 30th Street from University Avenue to Dean Avenue to help manage traffic congestion. The project includes installing fiber optic cable within existing and new conduit systems, and interconnecting the traffic signals along this corridor with fiber optic cable. Minor modifications to the traffic signal equipment will be required at each signalized intersection. A traffic observation camera will also be included for traffic flow monitoring, along with the installation of two Dynamic Message Signs (DMS) to assist with motorist information in the vicinity of the Iowa State Fairgrounds.

FISCAL IMPACT:

Amount: \$469,000 City Engineer's Estimate

Funding Source: 2009-2010 CIP, Page Traffic-6, City-wide Traffic Signal Interconnection, STR097, Being: \$360,000 in Federal Funds under Iowa Clean Air Attainment Program (ICAAP) for 80% of construction costs with a \$360,000 maximum and \$109,000 in G. O. Bonds

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the E. University Avenue/E. 30th Street Traffic Signal Interconnect Improvements, 04-2008-005. The improvements consist of upgrading the existing traffic signal interconnect on E. University Avenue from Hubbell Avenue to East of Williams Street and E. 30th Street from E. University Avenue to Dean Avenue; all in accordance with the contract documents including Plan File Nos.495-139/157, in the City of Des Moines, Iowa.

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: December 3, 2007

Roll Call Number: 07-2282

Action: No. 2008-ICAAP-03 for E. University Avenue/E. 30th Street Traffic Signal Interconnect Improvements. (Council Communication No. 07-712) Moved by Hensley to adopt. Motion Carried 7-0. Authorization to Proceed with Project

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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