



**Council
Communication**
Office of the City Manager

Date

December 3, 2007

Agenda Item No. 6A
Roll Call No. 07-
Communication No. 07-712
Submitted by: Jeb E. Brewer, P.E.
City Engineer

AGENDA HEADING:

Approving and authorizing the execution of Iowa Department of Transportation Agreement No. 2008-ICAAP-03 for East University Avenue / East 30th Street Traffic Signal Interconnect Improvements.

SYNOPSIS:

Approval of Iowa Department of Transportation Agreement No. 2008-ICAAP-03, for Congestion Mitigation and Air Quality Improvement (CMAQ) funds, for the East University Avenue / East 30th Street Traffic Signal Interconnect Improvements for upgrading the existing traffic signal interconnect system.

FISCAL IMPACT:

Amount: The total estimated cost is \$540,000. The Iowa Department of Transportation has approved \$360,000 in funding for this improvement. The City's estimated cost is \$180,000.

Funding Source: 2007-2008 Capital Improvements Program, City-wide Traffic Signal Interconnection, Page Traffic-6, STR097, Activity ID 04-2008-005.

ADDITIONAL INFORMATION:

The proposed improvement consists of 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. The project involves 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. This project helps manage traffic congestion.

PREVIOUS COUNCIL ACTION(S):

Date: August 8, 2005

Roll Call Number: [05-1885](#)

Action: Approving applications to the Iowa Department of Transportation for Congestion Mitigation and Air Quality Improvement (CMAQ) funds for the following projects: (A) East University Avenue Traffic Signal Interconnect Upgrade. (B) East 14th Street Widening Project at Hull/Grandview Avenue. ([Council Communication No. 05-439](#)) Moved by Brooks to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Normal actions for award of the construction contract for the work.