



**Council
Communication**
Office of the City Manager

Date

July 10, 2006

Agenda Item No. 6A
Roll Call No. 06-
Communication No. 06-433
Submitted by: Jeb E. Brewer, P.E.
City Engineer

AGENDA HEADING:

Ordering construction of the following: Fleur Drive Traffic Signal Interconnect – receiving bids, (7-18-06), and setting date of hearing, (8-7-06). (Construction Estimate - \$456,700).

SYNOPSIS:

Proceed with construction of the improvement utilizing the method of financing referenced below. This project will replace outdated communications cable and equipment with a new fiber optic system, which will enhance the Engineering Department staff's ability to monitor and modify the traffic signal system along this major arterial corridor. The new equipment will also reduce the maintenance costs for this system.

FISCAL IMPACT:

Amount: \$456,700 City Engineer's Estimate

Funding Source: 2006-2007 CIP, Page Traffic-6, City-wide Traffic Signal Interconnection, STR097, Various Funding, Being: \$365,360 Federal Funds thru Iowa Clean Air Attainment Program (80% of eligible construction contract cost only - Maximum \$400,000) with the remaining local share \$91,340 in FY-2006 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 Fleur Drive Traffic Signal Interconnect, 04-2006-001. The improvement includes upgrading the interconnection at nine signalized intersections along Fleur Drive and will replace the current interconnect system with new conduit and a fiber optic cable system, all in accordance with the contract documents including Plan File Nos. 463-87/109, and located along Fleur Drive from the south end of the new Martin Luther King Jr. Parkway to Army Post Road, Des Moines, Iowa.

The estimated construction cost is \$456,700. 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: October 24, 2005

Roll Call Number: 05-2533

Action: Approving Iowa Department of Transportation Agreement for Fleur Drive Traffic Signal Interconnect Improvements. ([Council Communication No. 05-591](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

Date:

Roll Call Number:

Action:

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Public hearing, receive and file bids, designate lowest bidder, approve contract and bond. Partial payments to the contractor and final acceptance of work.