



Agenda Item:

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COUNCIL COMMUNICATION City Manager's Office

GENERAL INFORMATION

Agenda Date: 10/24/05
Agenda Item Type: Resolution

Communication No.: 05-591
Roll Call No.:

Submitted by: Jeb E. Brewer, P.E., City Engineer

SUBJECT—

Approval and authorization for the execution of Iowa Department of Transportation Agreement No. 2006-ICAAP-01 for Fleur Drive Traffic Signal Interconnect Improvements.

SYNOPSIS—

This action would approve and authorize Agreement No. 2006-ICAAP-01 for Fleur Drive Traffic Signal Interconnect Improvements that was prepared by the Iowa Department of Transportation. This agreement will allow the City to upgrade the existing traffic signal interconnect system on Fleur Drive from the south end of the Martin Luther King Jr. Parkway Project south to Army Post Road

FISCAL IMPACT—

The total estimated cost is \$600,000. The Iowa Department of Transportation will provide \$400,000 in Funding for this improvement. The City's estimated cost is \$200,000.

Funding for this project is available in the current Capital Improvements Program, City-wide Traffic Signal Interconnection, Fund CP038, Organization ENG990000, Project STR097, Activity ID 04-2006-001.

RECOMMENDATION—

Approval.

BACKGROUND—

The proposed improvement includes upgrading the existing traffic signal interconnect system on Fleur Drive from the south end of the Martin Luther King Jr. Parkway Project south to Army Post Road. The project involves installing fiber optic cable within a new conduit system, 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. The traffic signals at Fleur Drive and Gray's Lake north entrance will be upgraded as part of this project. A limited number of traffic observation cameras will also be included for traffic flow monitoring.

On August 23, 2004, the City Council, by Roll Call No. 04-1797 authorized the City Manager to submit an application for this project to the Iowa Department of Transportation for Congestion Mitigation and Air Quality Program funds.