

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

98-519

SYNOPSIS -

AGENDA:

NOVEMBER 16, 1998

The Iowa Department of Transportation (IDOT) has proposed an agreement between the City and IDOT for the Grand/Ingersoll/University Avenue Traffic Signal Interconnect Project, which provides for interconnecting existing traffic signals along Grand Avenue, Ingersoll Avenue, and University Avenue.

SUBJECT:

IDOT PROJECT
AGREEMENT FOR THE
GRAND/INGERSOLL/
UNIVERSITY AVENUE
TRAFFIC SIGNAL
INTERCONNECT PROJECT

The City will provide design and inspection services for the project. Construction cost will be reimbursed 80 percent by IDOT, through the Congestion Mitigation & Air Quality (CMAQ) funds as part of the Federal Clean Air Attainment Program (CAAP). The remaining project costs will be split equally by IDOT and the City. IDOT has prepared a Project Agreement for the proposed improvement.

TYPE:

**RESOLUTION
ORDINANCE
RECEIVE/FILE**

FISCAL IMPACT -

SUBMITTED BY:

HAROLD E. SMITH, P.E.
CITY ENGINEER

Funding for design and inspection services is included in the 1998-99 Capital Improvements Program Budget, page 359, Citywide Traffic Signal Interconnection. The City's obligation for this project is estimated to be \$140,000.

RECOMMENDATION -

Approval of this agreement with IDOT.

BACKGROUND -

On August 5, 1996, by Roll Call No. 96-2792, Council authorized the submittal of a proposal to IDOT for Federal CAAP funds for traffic signal interconnection of

existing signals along Grand Avenue, Ingersoll Avenue, and University Avenue. Subsequently, IDOT reviewed this application and determined that the proposed project would be eligible for CAAP funds. The City will design the project and provide construction administration.

This project will improve the traffic flow at 25 signalized intersections along Grand Avenue, Ingersoll Avenue, and University Avenue, and incorporate these signals into a "closed loop" traffic system. This will provide capability to monitor traffic flows and modify signal operation to adjust to changing traffic conditions. It will be especially important during the time period when I-235 is being reconstructed by IDOT.

The construction cost is estimated to be \$1,000,000, of which 80 percent will be reimbursed with CAAP funds. The remaining portion of construction cost, \$200,000, as well as in-house design and inspection costs estimated to be \$80,000, will be shared equally by IDOT and the City. The City's portion of the project, \$140,000, will be funded from the Capital Improvements Program.