

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

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

00-008

SYNOPSIS -

AGENDA:

JANUARY 3, 2000

The Iowa Department of Transportation (IDOT) has proposed an agreement between the City and IDOT for Congestion Mitigation and Air Quality (CMAQ) funding for the 2nd Avenue/6th Avenue Traffic Signal Interconnection Upgrade.

SUBJECT:

AGREEMENT FOR
THE 2ND
AVENUE/6TH
AVENUE TRAFFIC
SIGNAL
INTERCONNECTION
UPGRADE

FISCAL IMPACT -

Funding for 80 percent of construction costs of this project will be provided by IDOT up to a maximum of \$416,000. The remaining project cost, estimated to be \$144,000, will be funded from the City-Wide Traffic Signal Interconnection Project in the Capital Improvements Budget.

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

RECOMMENDATION -

Approval.

SUBMITTED BY:

FLOYD BENTZ, P.E.
CITY ENGINEER

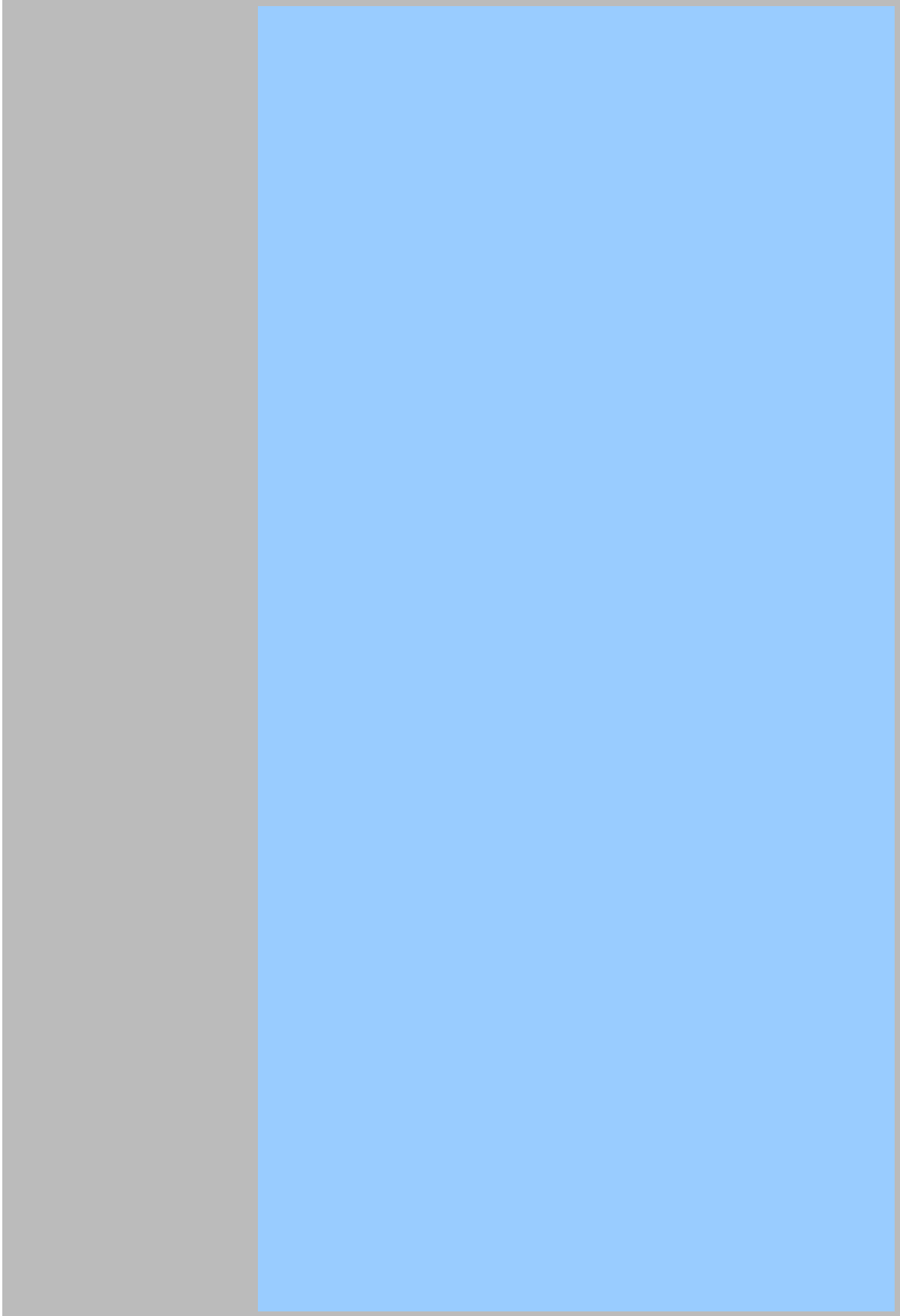
BACKGROUND -

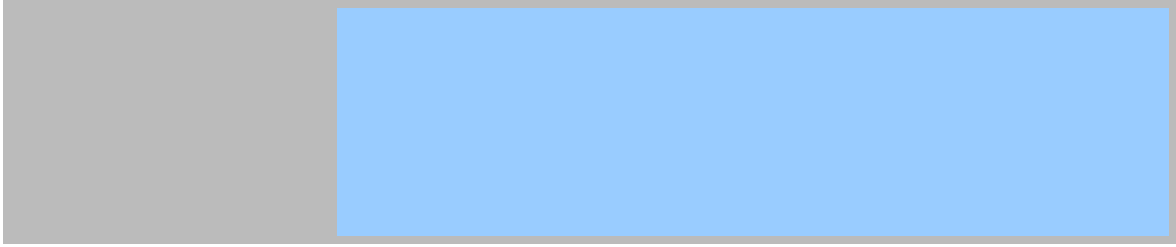
On August 24, 1998 by Roll Call 98-2667, Council authorized the submittal of a proposal to IDOT for the 2nd Avenue/6th Avenue Traffic Signal Interconnection Upgrade. Subsequently IDOT reviewed this application and determined that the proposed project was eligible for CMAQ funding.

This project consists of installing fiber optic interconnect cable to connect 16 traffic signals along the 2nd Avenue and 6th Avenue corridors from University Avenue to the north City limits. Traffic signals along these two arterial corridors are currently interconnected using leased telephone circuits as part of the City's "Monotrol" signal system, which was installed in the early 1970's. Although the existing signals are tied together into a system, it does not have the capability of monitoring

traffic flows nor of making "real time" changes in the signal timings to adjust to increased or decreased traffic flows. The new signal system will provide improved traffic flow and lower operation costs.

The project agreement with IDOT provides for 80 percent of construction costs up to a maximum of \$416,000 to be provided from CMAQ funding from Federal Intermodal Surface Transportation Enhancement Act (ISTEA) funds; Twenty (20) percent of construction costs (\$104,000) and an estimated \$40,000 for design and construction inspection costs will be paid by the City out of the Capital Improvements Budget for City-Wide Traffic Signal Interconnection.





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