



**CITY COUNCIL
COMMUNICATION:**

ITEM _____

02-214

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

AGENDA:

APRIL 22, 2002

SYNOPSIS -

SUBJECT:

I-235/CROSS STREET
TRAFFIC SIGNALS
PREDESIGN
AGREEMENT

The City of Des Moines and the Iowa Department of Transportation (IDOT) have negotiated a Predesign Agreement for Interstate 235 (I-235)/Cross Street Traffic Signal Installations from the City's west corporate limits to the City's north corporate limits. Approval of this agreement by the City and IDOT will allow design and construction of the I-235 related side street traffic signal installations to proceed. This I-235/Cross Street Traffic Signals Predesign Agreement is part of the outcome of the Predesign Agreement between IDOT and the City that was approved on August 31, 2000, by Roll Call No. 00-3634.

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

FISCAL IMPACT -

SUBMITTED BY:

JEB E. BREWER, P.E.
CITY ENGINEER

The I-235 reconstruction project will include the construction or reconstruction of traffic signals at approximately 40 exit ramp intersections, 20 of which are not currently signalized. The City will not incur any construction costs for these signals, but by State Code the City will be responsible for the future operation and maintenance of these signals. It is expected that with the additional 20 signals and other new signals within Des Moines over the next 3-5 years, that this activity will require additional resources of a traffic signal technician and maintenance vehicle, a contract for services, or a reallocation of existing staff. The estimated on-going cost for this is approximately \$70,000 per year. In addition, the annual energy cost for the additional 20 signals is estimated at \$20,000-25,000 per year.

RECOMMENDATION -

Approval.

BACKGROUND -

On August 31, 2000, by Roll Call No. 00-3634, the City Council approved a Predesign Agreement (Agreement No. 2001-P-028) with

IDOT for I-235, from the west city limits to the north city limits. IDOT and the City agree that cross street traffic signals are required as a result of the overall I-235 improvement. The I-235/Cross Street Traffic Signals Predesign Agreement shall allow for the design and construction of side street and interchange traffic signal installation. The I-235/Cross Street Traffic Signal Predesign Agreement has been negotiated with IDOT to identify the responsibilities of IDOT and the City regarding the administration, funding, and implementation of the cross traffic signal installation, as well as future energy and maintenance responsibility of the City for each side street and I-235 interchange traffic signal installation.
