



Agenda Item:
7

COUNCIL COMMUNICATION

City Manager's Office

GENERAL INFORMATION

Agenda Date: 8/22/05
Agenda Item Type: Resolution

Communication No.: 05-475
Roll Call No.:

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

SUBJECT—

Approving and authorizing the execution of Iowa Department of Transportation Agreement for 2nd Avenue and Madison Avenue Traffic Signal Improvements.

SYNOPSIS—

The Iowa Department of Transportation (IaDOT) has proposed a funding agreement between the City of Des Moines and the IaDOT for 2nd Avenue and Madison Avenue Traffic Signal Improvements. The total estimated project cost is \$125,000 (\$80,000 IaDOT and \$45,000 City). This action would approve and authorize the City to execute the agreement.

FISCAL IMPACT—

The City's \$45,000 matching funds for this project are available in the current Capital Improvements Program Budget, Account 544150, Fund CP038, Organization ENG990000, Project TFC091 – City-Wide Signals, Channelization, and School Crossing Protection Program.

RECOMMENDATION—

Approval.

BACKGROUND—

On August 9, 2004, by Roll Call Number 04-1703, the City Council authorized the City Manager to submit an application to the IaDOT for Traffic Safety Funds for improvements at the intersection of 2nd Avenue and Madison Avenue. The funding request was approved, and IaDOT has prepared an agreement for the proposed improvements.

The project provides for the upgrading of the existing traffic signal installation at this intersection. The existing traffic signal poles will be removed and new foundations and poles will be installed outside the 10-foot clear zone. Overhead signals will be installed on Madison Avenue, and backplates will be installed on all overhead signals. Side street detection will be installed on Madison Avenue in order to

operate the intersection signal in a “semi-actuated” mode. The construction cost is estimated to be \$110,000 with approximately \$15,000 design and inspection costs, for a total project cost of \$125,000.