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|  <p style="text-align: center;"><b>Council<br/>Communication</b><br/>Office of the City Manager</p> | <b>Date:</b> February 28, 2011   |
|  | <b>Agenda Item No.</b> 7<br><b>Roll Call No.</b> <u>11-0284</u><br><b>Communication No.</b> <u>11-106</u><br><b>Submitted by:</b> <b>Jeb E. Brewer, P.E.</b><br><b>City Engineer</b> |

**AGENDA HEADING:**

Approving and authorizing the execution of Iowa Department of Transportation Agreement No. 2011 ICAAP-004 for the Citywide Fixed-Time Traffic Signal Upgrading Project.

**SYNOPSIS:**

Recommend approval of the Iowa Department of Transportation Agreement No. 2011-ICAAP-004, for Iowa Clean Air Attainment Program (ICAAP) funds, for the Citywide Fixed-Time Traffic Signal Upgrading Project (IDOT Project No. STP-A-1945(781)—86-77).

**FISCAL IMPACT:**

Amount: The total estimated project cost is \$480,000. The Iowa Department of Transportation (IDOT) has approved \$320,000 of ICAAP Funding for this improvement, along with an additional \$80,000 of State Traffic Safety Funds. The City of Des Moines' estimated cost is \$80,000.

Funding Source: 2010-2011 Capital Improvements Program, Citywide Signals, Channelization, and School Crossing Protection Program, Page Street-12, TFC091, Activity ID 04 2011-002.

**ADDITIONAL INFORMATION:**

This project consists of upgrading the traffic signal operation at 21 existing intersections that currently operate as fixed-time signals. The locations are along four of the City's more important traffic-carrying corridors--2nd Avenue, University Avenue, Grand Avenue, and Keo Way. The proposed project would involve installation of vehicle detectors on the side street, and left-turning phases, along with adding pedestrian push-buttons, thereby maximizing the amount of green time available for the major roadway. The total project cost is \$480,000. The IDOT has approved \$320,000 of Iowa Clean Air Attainment (ICAAP) funds and an additional \$80,000 from State Traffic Safety Funds. This project is being designed by Traffic and Transportation Division staff so no consultants are being used on this project.

**PREVIOUS COUNCIL ACTION(S):**

Date: June 14, 2010

Roll Call Number: 10-884

Action: [Approving](#) FY2012 Traffic Safety Fund Applications to the Iowa Department of Transportation. ([Council Communication No. 10-336](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: August 24, 2009

Roll Call Number: 09-1522

Action: [Approving](#) submittal of Iowa Clean Air Attainment Program (ICAAP) Fund applications to the Iowa Department of Transportation (IDOT) for Citywide Fixed-time Signal Upgrade, \$320,000 and Des Moines River Trail Phase 1, \$500,000. ([Council Communication No. 09-603](#)) Moved by Hensley to adopt; refer the comments regarding trees to the City Manager for review and recommendation. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

1. Additional IDOT agreement for State-approved Traffic Safety Funds.
2. Normal actions for award of the construction contract for the work.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the second floor of City Hall, 400 Robert D. Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).