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|  <p style="text-align: center;"><b>Council<br/>Communication</b><br/>Office of the City Manager</p> | <b>Date:</b> August 9, 2010   |
|  | <b>Agenda Item No.</b> 59<br><b>Roll Call No.</b> <u>10-1331</u><br><b>Communication No.</b> <u>10-487</u><br><b>Submitted by:</b> <b>Jeb E. Brewer, P.E.</b><br><b>City Engineer</b> |

**AGENDA HEADING:**

Authorize the City Manager to submit an Iowa Clean Air Attainment Program (ICAAP) Fund Application to the Iowa Department of Transportation (IDOT) for the Beaver Avenue/Urbandale Avenue Intersection Roundabout (\$600,000).

**SYNOPSIS:**

Recommend approval to submit an application to the Iowa Department of Transportation (IDOT) for Iowa Clean Air Attainment Program (ICAAP) funding. The project recommended by staff is the Beaver Avenue/Urbandale Avenue Intersection Roundabout. The goal of the ICAAP is to reduce congestion and thereby improve air quality.

**FISCAL IMPACT:**

Amount: The estimated construction cost for the Beaver Avenue/Urbandale Avenue Intersection Roundabout is between \$1.1 and \$1.3 Million. \$600,000 of ICAAP funding is being requested for this project. The remaining share would be funded from various sources including the City and other outside funding sources.

Funding Source: Depending on receipt of IDOT funding grants, City matching funding is programmed in the 2010-2011 CIP, “Beaver Avenue Streetscape” project, page Street Improvements-6, STR245.

**ADDITIONAL INFORMATION:**

The Federal Highway Administration (FHWA) established a Congestion Mitigation and Air Quality Improvement (CMAQ) program that directs Federal transportation funds for projects to reduce congestion and pollution. IDOT has established an Iowa Clean Air Attainment Program (ICAAP), including guidelines on how to prioritize the disbursement of these funds, which are approximately \$4.7 million annually statewide. Their program is implemented through a statewide competitive application procedure that evaluates each proposed project based on reducing congestion and pollution, and thereby maintaining the clean air quality that Iowa now enjoys.

The types of projects that are eligible for this funding include traffic flow improvements, shared-ride services, transit improvements, pedestrian and bicycle programs, and others.

The deadline for this year’s project applications is August 20, 2010 and the applications are submitted through the Metropolitan Planning Organization (MPO) to the IDOT. The MPO needs early submission of

the application packages in order to present the projects to the MPO Policy Committee at its September meeting.

Staff recommends that the City Council authorize the City Manager to submit an application through the MPO to the IDOT for ICAAP funds for the project:

Beaver Avenue/Urbandale Avenue Intersection Roundabout: This project will upgrade the intersection of Beaver Avenue and Urbandale Avenue by replacing the existing signalized intersection with a modern roundabout. The new project will improve air quality by enhancing traffic flow and reducing stops and delays. Another major benefit is the safety history of roundabout designs, reducing vehicle crashes by 40-80%. The estimated project cost is \$1.1 to \$1.3 million, and \$600,000 of ICAAP funding will be requested. This project is part of the Beaver Avenue Streetscape Concept Plan that was approved by City Council on June 28, 2010.

#### **PREVIOUS COUNCIL ACTION(S):**

Date: June 28, 2010

Roll Call Number: [10-1094](#)

Action: Approving Beaver Avenue Streetscape Concept Plan ([Council Communication No. 10-382](#)) Moved by Griess to adopt. Motion Carried 7-0.

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

#### **ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Approval of project agreements with IDOT.

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).