

COUNCIL ACTION FORM

SUBJECT: IOWA CLEAN AIR ATTAINMENT PROGRAM (ICAAP) GRANT APPLICATION FOR AMES TRAFFIC NETWORK MASTERPLAN

BACKGROUND:

This project is shown in the 2016/17 Capital Improvements Plan (CIP) under the Intelligent Transportation System (ITS) Program. In the 2040 Ames Area Long Range Transportation Plan (LRTP), which was effective starting October 12, 2015, one of the highest priorities is establishing corridors that utilize traffic adaptive signal systems. In preparation for these projects, there needs to be an evaluation of the current traffic communication network. Therefore, a traffic network master plan will create a detailed inventory and evaluation of the communication network used along the City's signalized corridors. This plan will then identify the upgrades necessary to support the modern technologies used to manage transportation.

The Iowa Department of Transportation (Iowa DOT) administers grants through the Iowa Clean Air Attainment Program (ICAAP) program that provides \$4 million annually to fund projects with the highest potential for reducing transportation-related congestion and air pollution. There is a minimum requirement of 20% in local matching funds, which for this project would be approximate \$20,000, leaving \$80,000 to be funded by the Iowa DOT (total project cost is \$100,000). The CIP shows \$124,000 in Road use Tax funding to be used for providing the local match for this study and for the Systems Engineering Analysis.

ALTERNATIVES:

1. Accept the ICAAP grant for the Ames Traffic Network Master Plan study up to the maximum amount equaling 80% of the total estimated eligible project costs, and provide official certification in the form of a resolution to commit the necessary local matching funds for the project of 20% equaling \$20,000.
2. Do not accept this grant.

MANAGER'S RECOMMENDED ACTION:

ICAAP grant funding is critical to the funding of this study, which will help identify the communication network needed to make the Ames transportation network ready for future technologies and innovations. These technologies will ultimately relieve traffic congestion and reducing pollution along all major arterial corridors within the City.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.