

COUNCIL ACTION FORM

SUBJECT: AGREEMENT WITH IOWA DEPARTMENT OF TRANSPORTATION FOR USE OF INTELLIGENT TRANSPORTATION SYSTEM NETWORK

BACKGROUND:

The Iowa Department of Transportation (IDOT) is installing an Intelligent Transportation System (ITS) network consisting of cameras, sensors, and dynamic message boards in the Ames area along the I-35 corridor to assist in traffic operations and information dissemination in and around the Ames area. As a generous gesture of intergovernmental cooperation, the IDOT has extended an offer to allow the City to have access to this network. This arrangement, to be confirmed through a 28E intergovernmental agreement, will provide the City with low cost network expansion as well as access to data provided by the ITS.

Under the proposed agreement, the Iowa Department of Transportation agrees to:

- Provide access to the ITS Network Features for City use, including but not limited to Police, Fire, Information Technology, and Public Works.
 - The ITS devices (e.g. cameras, sensors) are only for transportation and public safety applications. The use of the ITS devices for law enforcement purposes is prohibited.
- Provide, at no cost or obligation to the City, ten strands of dark fiber optic cable that the City will use to connect Water and Pollution Control, Fire Station 3, and Animal Control to the existing City fiber optic infrastructure at the Veterinary Medicine Electric Substation.
- Allow the City to install additional devices (e.g., cameras) on the ITS network at no cost or obligation to the City.

The City obligations under the proposed agreement are to:

- Reimburse the IDOT an estimated \$4,815 for connections to the City fiber infrastructure.
- Provide electrical service to IDOT cameras at two traffic signal locations at no cost or obligation. The annual electrical usage is estimated to cost less than \$30 per year.

ALTERNATIVES:

1. Approve the 28E Agreement with the Iowa Department of Transportation for use of the IDOT's Intelligent Transportation System Network.

2. Reject the agreement.

MANAGER'S RECOMMENDED ACTION:

By approving the agreement between the City and the Iowa Department of Transportation, the City will be provided access to the IDOT's traffic monitoring system in and around the Ames area, and will also be able to extend fiber optic network connections to additional City facilities and infrastructure.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the 28E Agreement with the Iowa Department of Transportation for the use of IDOT's Intelligent Transportation System Network.