

Intelligent Transportation System

The JCCOG Regional **Intelligent Transportation Systems (ITS)** Plan is a summary of existing and future transportation technologies expected to be used in the Iowa City Urbanized Area. These technologies include **global positioning systems**, interconnected traffic signals, and special event traffic control strategies, along with many other computer based technologies. The **Federal Highway Administration** has reviewed the JCCOG **ITS Architecture** plan and has “accepted” it as sufficient for JCCOG entities to use federal funds to implement ITS applications. As transportation technologies are implemented over time, the ITS Plan will ensure the technologies are consistent and compatible throughout the metropolitan area. The JCCOG ITS Plan can be viewed at www.jccog.org.

The ITS Plan for the JCCOG communities lists existing, short term planned and long term ITS projects. This is a “living” document. This means as technologies are implemented our plan must include the technology and/or be updated; an annual revision will be completed to maintain a current document.

Currently, JCCOG member communities have a few existing technologies. Transit systems use security cameras. Emergency personnel and traffic engineering also have existing technologies including the ability to pre-empt the traffic signal cycle to facilitate emergency vehicle movement; and interconnected traffic signals. There are plans for a few short term implementations including cameras on I-80 and GPS for transit. Long term implementations will be funding dependent.

