AAMPO TRANSPORTATION POLICY COMMITTEE ACTION FORM

SUBJECT: **AMES AREA METROPOLITAN PLANNING ORGANIZATION (AAMPO) REGIONAL INTELLIGENT TRANSPORTATION SYSTEMS (ITS) ARCHITECTURE**

BACKGROUND:

Intelligent Transportation Systems (ITS) is the application of technology for data processing and communication to surface transportation systems with the goal of enhancing safety and efficiency. The term "architecture" refers to this being a framework by which cooperative efforts are established between transportation officials, transit agencies, and emergency management providers towards meeting the goals of safety and efficiency. Examples of ITS enhancements are computer aided dispatch, automatic vehicle location systems, transit safety cameras, roadway weather information systems, and roadside dynamic message boards.

The Ames Area Metropolitan Planning Organization (AAMPO) Regional ITS Architecture is a roadmap for transportation systems deployment and integration in the Ames metropolitan area. The architecture has been developed through a cooperative effort by the transportation and emergency management agencies, covering all modes and all roads in the region. The architecture represents a shared vision of how each agency's systems will work together in the future, sharing information and resources to provide a safer, more efficient, and more effective transportation system for travelers and emergency responders in the region.

The mission for the AAMPO Regional ITS Architecture is to develop an open and integrated ITS architecture that is compliant with the Federal Highway Administration (FHWA) Final Rule and Federal Transit Administration (FTA) Policy on ITS Architecture and Standards. It will support existing and future ITS projects and enhance compatibility of existing regional and project ITS architectures with Iowa and the emerging national ITS architecture. The Iowa Department of Transportation (IDOT) has reviewed the AAMPO ITS Architecture and determined it is appropriate for the area and compatible with the statewide system.

ALTERNATIVES:

1. Approve use of the AAMPO Regional ITS Architecture.

2. Reject the plan.

ADMINISTRATOR'S RECOMMENDATION:

The AAMPO Regional ITS Architecture was developed in consultation and cooperation with area transportation, transit and EMS officials. The IDOT has reviewed the architecture and determined it to be appropriate for the area and compatible with statewide goals. Copies of this architecture are available for viewing in the City of Ames Public Works Department.

Therefore, it is the recommendation of the Administrator that the AAMPO Policy Committee adopt Alternative No. 1, thereby approving use of the AAMPO Regional ITS Architecture.