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Notice of Intent to Adopt

Institute of Transportation Engineers ITS Standard
Advanced Transportation Controller (ATC) Standards

"ATC Controller Standard Revision 5.2a,"

The final draft version of the Advanced Transportation Controller Standards, *ATC Controller Standard Revision 5.2a*, has been approved by the joint ITE, AASHTO and NEMA Committee on the ATC. The Institute of Transportation Engineers (ITE) intends to adopt this standard as of April 6, 2006 assuming no final appeals are received. Please check the ITE website (www.ite.org) for a notice after April 6, 2006 as to whether this version has been adopted by ITE. When adopted this standard will be jointly published by ITE, NEMA and AASHTO. *[Note that per the terms of the memorandum of understanding between ITE, NEMA, and AASHTO, all three organizations must approve this document for it to become a standard, hence, any reference to this document as a standard prior joint approval through the formal balloting process of each organization, is invalid.]*

This document was developed to be a Joint AASHTO / ITE / NEMA Standards Publication, which is part of the ATC family of standards. The purpose of this document is to define a standard that will provide a sufficient framework within which manufacturers can provide innovative solutions to meet user needs. The end result, however, must be a controller that works within existing and proposed networks, so the standard provides details on the requisite electronic and user interfaces for conformant designs. The recommended standard tries to provide context for this effort by indicating the limitations of earlier standards, several of which are now in effect, and describes how the proposed standard avoids these limitations. Further, the document sets minimum performance standards and identifies an interchangeable "engine board" to support future upgrades. Subsequent sections define design requirements for conformance with this standard.

The Advanced Transportation Controller (ATC) is being developed to provide an open architecture hardware and software platform for a wide variety of ITS applications. In this context, the words "open architecture" mean that the system can support both public and private sector developers, and have modular software cooperatively running on standardized and shared modular hardware platforms. This will provide cost-effective ITS functionality for a wide variety of applications. To accomplish this goal the system needs to provide the maximum flexibility for many different system configurations and installations.

Effective Date of the Standard:

The effective date of this action, to adopt as an ITE standard, is April 6, 2006 close of business, unless an appeal is received.

How to View the Draft Standard:

Between now and April 6, 2006 the final draft version of the standards and the Standards Development Report on the ITE Website www.ite.org in the standards area <http://www.ite.org/standards/atc>.

If no appeals are filed, the ITE International Board of Direction will ballot the standard and it will be available for purchase from ITE.

How to File an Appeal:

If you wish to appeal the adoption of the Advanced Transportation Controller Standard, **ATC Controller Standard Revision 5.2a**, submit a written appeal to ITE Headquarters (1099 14th S1. NW Suite 300 West, Washington, D.C. 20005, Attn: Standards Coordinator) by the close of business on April 6, 2006. The written appeal shall state the nature of the objection(s) including any adverse effects, the step(s) of the ITE procedures or the section(s) of the standard that are at issue, and the specific remedial action(s) that would satisfy the appellant's concerns. Any previous efforts to resolve the objection(s) and the outcome of each shall also be noted.

If an appeal is received by ITE:

ITE Headquarters will work with the A TC joint committee chair to develop a response. Within 30 days after receipt of the appeal, ITE Headquarters shall respond in writing to the appellant, specifically addressing each allegation of fact in the appeal to the extent possible.

If an appeal is not able to be resolved informally in a manner consistent with the ITE procedures, ITE Headquarters shall initiate the process for the appointment of an *Appeals Panel* and will schedule a hearing.

If the timeframe for the above actions will extend beyond April 6, 2006, another notice shall be provided announcing a delay in the anticipated date of adoption by ITE.