

Notice of Intent to Adopt

Institute of Transportation Engineers ITS Standard

Advanced Transportation Controller (ATC) Standards: “ATC Controller Standard Revision 5.0,”

The final draft version of the **Advanced Transportation Controller Standards: ATC Controller Standard Revision 5.0**, has been approved by the joint ITE, AASHTO and NEMA Committee on the ATC. The Institute of Transportation Engineers intends to adopt this standard as of February 13, 2004 assuming no final appeals are received. Please check the ITE website (www.ite.org) for a notice after February 13, 2004 as to whether this version has been adopted by ITE. When adopted this standard will be jointly published by ITE, NEMA and AASHTO.

This document was developed to be a Joint AASHTO / ITE / NEMA Standards Publication, 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 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 compliant 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. Subsequent sections define design requirements for compliance 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 will include 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.

The general concept and model for the ATC is the PC Computer. However, the ATC will be a field-hardened, general-purpose computer for embedded applications, which with the appropriate software and hardware modules, could be asked to perform many different duties.

Effective Date of the Standard:

The effective date of this action to adopt as an ITE standard is February 13, 2004 close of business, unless an appeal is received.

How to View the Draft Standard:

Between now and February 13, 2004 the final draft version of the standards and the Standards Development Report on the ITE Website www.ite.org in the standards area

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 by **Advanced Transportation Controller Standards: ATC Controller Standard Revision 5.0**, submit a written appeal to ITE Headquarters (1099 14th St. NW Suite 300 West, Washington, D.C. 20005, Attn: James Cheeks) by the close of business on February 13, 2004. 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 ATC 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 February 13, 2004, another notice shall be provided announcing a delay in the anticipated date of adoption by ITE.