

TMDD and MSETMCC Standards Memo T0002
from the Joint ITE and AASHTO TMDD Steering Committee

DATE: March 31, 2004

TO: AASHTO and ITE

SUBJECT: Recommended Standard for Traffic Management Center-to-Center Communications {Advanced Traffic Management Data Dictionary (TMDD) and Message Sets (MS)} version 2.1

ACTION: Request for Ballot to Approve as TMDD/ MSETMCC Standard v2.1

RECOMMENDATION. This Memorandum reports that the TMDD Steering Committee accepted the *Traffic Management Center-to-Center Communications {Advanced Traffic Management Data Dictionary (TMDD) and Message Sets (MS)} version 2.1* as a Recommended Standard, and recommends to AASHTO and ITE that the document be balloted as an approved standard. Formerly known separately as TMDD and MS/ETMCC, this is an update to the TMDD/MSETMCC v2.0 standard. This recommendation was made by the TMDD Steering Committee with an email ballot by 2/3 majority of the committee.

BACKGROUND. This document was developed to be a Joint AASHTO / ITE Standards Publication to update the existing TMDD and MSETMCC Standard version 2.0. The purpose of this document is to define a standard that provides the foundation of the Center-to-Center (C2C) Concept of Operations and Requirements for Advanced Traffic Management System (ATMS). After approval of Version 2.0, the committee received input from several other Standards Development Organizations working groups that there were inconsistencies between what was included in the TMDD v2.0 and the work of these other working groups. A coordination/harmonization meeting was held to review the comments received from the IEEE Incident Management Working group, the ATIS contractor, and the Generic Reference Model/Center-to-Center contractor. It was important that the efforts of the TMDD be coordinated with these groups to ensure a consistent standard with accurate cross referencing of the data elements used for the various application specific message sets.

It should be noted that the ATMS is a very complex system and there are many other standards that are necessary for development and center-to-center operations. This document, however addresses the most fundamental elements of an ATMS. This document includes a Concept-of-Operations and Requirements documents. The document also includes the TMDD data elements and Message Sets in ASN.1 representation and XML representation.



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A copy of the:

- Recommended Provisional/Interim Standard
- Standards Development Report
- Comment Table

Can be found at the ITE Website at <http://www.ite.org/tmdd/index.asp> and TMDD Website at www.tmdd.org

Formal comments during this phase of the Standards Development process should be handled using your existing procedures.

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