

**DATE:** June 29, 2007

**TO:** AASHTO, ITE, and NEMA

**SUBJECT:** **User Comment Draft of NTCIP 1207, *Object Definitions for Ramp Meter Control (RMC) Units – Version 02***

**ACTION:** Request for Distribution to Solicit User Comments

RECOMMENDATION. This Bulletin reports that the Joint Committee on the NTCIP accepted the proposed NTCIP 1207 v02, *Object Definitions for Ramp Meter Control (RMC) Units – Version 02*, as a User Comment Draft, and recommended to AASHTO, ITE, and NEMA that the draft be distributed to solicit user comments. The recommendation was made at the Joint Committee teleconference meeting on May 17, 2007, and approved by a majority of the committee members (10 yeas, no nays, no abstentions, and 8 not dialed in).

The Joint Committee on the NTCIP contributes to the joint standards development process by accepting a proposed draft document at two stages in its development – first as a User Comment Draft and then again as a Recommended Standard.

BACKGROUND. This document was developed to be a Joint AASHTO / ITE / NEMA Standards Publication, part of the NTCIP family of standards and profiles. The document is in the 1200-series of NTCIP document numbers, and is a Device Data Dictionary document.

The NTCIP 1207 identifies and defines how a management station interfaces with a field device to control and monitor ramp metering controllers. The ramp metering control model used as the basis for the standard is one where the data used for ramp management and data collection is resident at the RMC controller.

The NTCIP 1207 v02 is a “major version” revision of version 01, but this 1207 version 02 does not yet follow the System Engineering Process (SEP) outline used in other NTCIP version 02 standards, such as NTCIP 1203 and 1204.



NTCIP 1207 v02 includes one normative and three informative annexes, and a placeholder annex for the future test procedures.

Reviewers should visit Annex E, which lists the changes from version 01 to version 02.

The major changes made from 1207 v01 include:

- new objects to define additional functionalities,
- objects whose DESCRIPTION fields have been expanded to clarify ambiguities,
- block objects for uploading large data,
- conformance group definitions were replaced by a PICS statement, and
- revisions to make 1207 conform to NTCIP 8002 and 8004 v02.

Visit the Annex C Object Tree to see which branches have new v02 objects in blue text.

Many of the 1207 v02 revisions resulted from ramp metering users and from the Battelle test at Utah DOT.

NTCIP 1207 v02 was drafted by the NTCIP RMC Working Group, chaired by Brian Simi (California Department of Transportation). The RMC WG has 10 members from the public and private sectors.

NOTES. The Joint Committee on the NTCIP accepted NTCIP 1207 v02.06a as the user comment draft. The attached version v02.06b includes minor additional editing.

An outstanding issue for 1207 v02 is the coordination between the NTCIP 1201 v02 Amendment 2 and 1207 v02, regarding the Daylight Savings Time object definitions. The RMC WG is prepared to further revise 1207 v02 to reconcile the normative reference prior to the proposed Recommended Standard version of 1207 v02.

NAVIGATE THE PDF. To help users navigate the large document, the PDF file was authored with embedded links. The links can be found in the Table of Contents starting on page xx.

To use the links when browsing with Adobe® Reader®, select the Hand tool, and the Hand will change to the pointing finger when over a link. To return to the prior page after clicking a link, use Alt + Left Arrow to return to the Previous View. See the reader's View menu for more shortcuts.

USER COMMENT INSTRUCTIONS. People who receive this request for comments are asked to follow these instructions.

1. Refer this Standards Bulletin and the draft document to the person or persons in your organization who are most familiar with, and concerned about, traffic management and NTCIP standards. Also refer this Bulletin to anyone involved with the design, deployment, or operation and maintenance of traffic management systems, including any consultants they may use.
2. Review any portion, or all, of the user comment draft. Any comments, however general or specific, will be appreciated.
3. Email, mail, or fax your comments to this address. If you have five or more comments, an email with an attached Microsoft® Word documents is preferred.

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4. To allow copy/paste text transfer of your comments into a user comment database, please list each of your comments separately, in the following five-part format. Or use a Word table with these column headings.

**document: NTCIP 1207 v02.06b**  
**page number:**  
**clause or paragraph number:**  
**comment:**  
**suggested change:**

5. Please respond by the end of the comment period as instructed by your standards organization. For NEMA, the 30-day comment period for this Bulletin will close about August 3, 2007. For AASHTO, the 30-day comment period will also close about August 3, 2007. Comments received after the closing date will be accepted, but they may not be included in the next version of the document. Please include your name and mailing address so that your comments can be acknowledged.

**ATTACH-  
MENT:** 1. NTCIP 1207 v02, *Object Definitions for Ramp Meter Control (RMC) Units – Version 02*, version 02.06b, June 2007, ~240 pages.

**FROM:** NTCIP Coordinator  
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**CC:** Email with PDF attachment for redistribution to AASHTO and ITE staff.  
Email notification to NTCIP community via listserv reflector.  
NTCIP Web site distribution.

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