

Design Standards Letter

Letter Number: **D-1994-02**

Letter Date: **01/28/1994**

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Section/Plan No.: **D4-06**

Subject: **Section M4-06 of the New Metric Policy, Procedure and Design Manual.**

Body

Please find enclosed copies of Section M4-06 of the New Metric Policy, Procedure and Design Manual.

This new metric manual includes both hard and soft conversions to metric units based upon AASHTO guidelines and the general industry trends as currently available at the time of printing.

Our Metric Conversion Team has adopted the policy of placing an "M", to denote metric, in the title block before each section, drawing, or figure number. An "M" is not placed before the section, figure number., etc. in the text part of the manual.

To avoid confusion we are maintaining the same format and numbering system as the existing manual.

SECTION M4-06 INTERCHANGES

The numerical values have been converted to metric units.

Subsection 4-06.6 (1) Please note that a metric size sheet fits within the English plan sheet size. We will continue using English sheet sizes until the paper industry switches to metric sized paper. A metric specification file is available for CEAL plots. Also, a metric blank alignment sheet exist for CADAM. A vertical scale of 1:100 will be sued on the plan / profile sheets.

Subsection 4-06.6 (3) The ramp curvature has been changed to a minimum radius of 295 meters. Degree of curvature will not be used.

Table M4-06.1 and Table M4-06.2 have been converted to metric units.

Figure M4-06.7 is a new figure added to clarify details on loop ramps. The figures following M4-06.7 have been renumbered accordingly.

We suggest that the new metric sections be filed behind the corresponding English section in the existing manual until the new binders for the metric manual arrive. We anticipate distributing the new binders in March.

During the transition period two sets of Design Manuals will be maintained, 1 English and 1 Metric. The English version will eventually be phased out as all design work will be in metric units.

A Table of Contents will be provided later as other sections of the new metric manual are developed.

As each standard drawing, section of the design manual or specification book is converted to metric, we will distribute them. We strive to get metric design criteria dispensed accurately and promptly, based on the current information that is available.

tea/ddf

Attachments