



To: n-30-1-87728- Design Quality Assurance Bureau EIIIS Administrator Bldg. 5, Rm. 408 MC 0750,		New York State Department of Transportation ENGINEERING BULLETIN	EB 99-009
<i>Expires one year after issue unless replaced sooner</i>			
Title: Highway Design Manual (HDM) Revision 36 New Chapter 4 and Limited Revisions to Chapters 5, 7, 21 & 25			
Distribution: <input type="checkbox"/> Manufacturers (18) <input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Local Govt. (31) <input type="checkbox"/> Contractors (39) <input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> _____ ()	Approved:  P. J. Bellair, Director Design Quality Assurance Bureau		
			2/5/99 Date

SUPERSEDED ISSUANCES

Engineering Instruction 82-55 is superseded by this Engineering Bulletin.

EFFECTIVE DATE

Chapter 4 is to be used for all locally owned bridge projects on low volume highways meeting the applicability criteria in Chapter 4, Section 4.1 with a design approval after July 1, 1999. Chapter 4 may also be used for applicable projects with an earlier design approval, where practical.

Revisions to Chapters 5, 7, 21 and 25 are minor in nature and are effective immediately.

PURPOSE

This Engineering Bulletin announces the availability of the new Chapter 4 and revisions to Chapters 5, 7, 21 and 25 of the HDM. Vertical lines in the margins of the revised chapters indicate the location of noteworthy changes.

Chapter 4 Design Criteria & Guidance for Bridge Projects on Low Volume Highways

Revision 36 includes the new Chapter 4 of the HDM.

Chapter 5 Basic Design

Revision 36 includes limited revisions to Chapter 5. These revisions include additional guidance on spiral curves and a new Section 5.8.3.2 "Widening Along Horizontal Curves". Section 5.8.3.2 is based on pages 212 through 219 of AASHTO's "A Policy on Geometric Design of Highways and Streets," 1994.

Chapter 7 Resurfacing, Restoration and Rehabilitation (3R)

Revision 36 includes a limited revision to Chapter 7. A complete reprint of Chapter 7 is included, however, the revisions are minor in nature and includes a table for determining the speed change lane lengths for 115 km/h.

Chapter 21 Contract Plans, Specification and Estimate

Revision 36 includes a limited revision to Chapter 21. The revisions to Chapter 21 are minor and are listed after the title sheet for Chapter 21.

Chapter 25 Traffic Calming

Revision 36 includes a revised Page 25-3. The page was revised to include a reference to Chapter 4.

DISTRIBUTION

Revision 36 will be distributed separately and contains an updated Table of Contents and Index for the entire HDM. Additional copies of this revision are available to Department staff from the Plan Sales Unit (518) 457-2124 (see address below). Consultants and others who are required to purchase the HDM may purchase Revision 36 by sending a check or money order for \$3.50 payable to the New York State Department of Transportation at the following address:

Plan Sales Unit, Bldg. 5, Rm 109
New York State Department of Transportation
W. Averell Harriman State Office Building Campus
1220 Washington Avenue
Albany, N.Y. 12232

CONTACT

Local municipalities with questions concerning HDM Chapter 4 should contact the Local Projects Group in their Regional NYSDOT office. Department staff with project specific questions regarding this issuance should contact their Liaison Engineer in the Design Quality Assurance Bureau (DQAB). Department staff with general questions regarding the HDM Chapters should contact the respective authors in the Design Quality Assurance Bureau:

HDM Chapters 4 & 7 and
the Revisions to Chapter 5

Rick Wilder via e-mail or at (518) 457-1572.

HDM Chapter 21

Norm Schips via e-mail or at (518) 485-8611.

HDM Chapter 25

Hal Rogers via e-mail or at (518) 485-8612.