
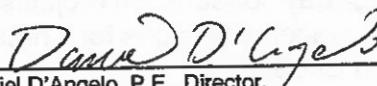


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<p>To:</p> <p>MODIFIED BY EB 03-038 EFFECTIVE 7/14/03</p>		<p>New York State Department of Transportation</p> <p>ENGINEERING BULLETIN</p> <p><i>Expires one year after issue unless replaced sooner</i></p>	<p>EB</p> <p>03-029</p>
<p>Title: HIGHWAY DESIGN MANUAL REVISION NO. 41 Revisions to Chapters 8, 10, 13, 14, & 21</p>			
<p>Distribution:</p> <p><input type="checkbox"/> Manufacturers (18) <input type="checkbox"/> Surveyors (33)</p> <p><input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Consultants (34)</p> <p><input checked="" type="checkbox"/> Local Govt. (31) <input type="checkbox"/> Contractors (39)</p> <p><input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> _____ ()</p>		<p>Approved:</p> <p></p> <p>Daniel D'Angelo, P.E., Director, Design Quality Assurance Bureau</p> <p style="text-align: right;">6/06/03 Date</p>	

ADMINISTRATIVE INFORMATION

- **Effective Date.** This Engineering Bulletin (EB) is effective with the dates identified in this EB under TECHNICAL INFORMATION.
- **Superseded Issuances.** This EB supersedes the following engineering issuances:
 - ▶ Engineering Instruction (EI) 03-008 Highway Design Manual Chapter 8 Highway Drainage, Table 8-35 Structural Criteria for Reinforced Concrete Pipe, Table 8-36 Structural Criteria for Reinforced Concrete Elliptical Pipe
 - ▶ EI 03-002 Highway Design Manual Chapter 21 Final Plans, Specifications, and Estimate (PS&E) Submission, Disadvantaged/Minority/Women's Business Enterprise Goals
 - ▶ EI 03-001 Disapproval of Special Specifications 15619.1401 M Temporary Timber Safety Curb, 15619.1402 M Temporary Timber Median Barrier, and Standard Sheet M619-2
 - ▶ EI 02-034 Revised Design Guidance - Field Change Order
 - ▶ EI 02-022 Incorporation of 1050 mm and 1200 mm HDPE Culvert and Storm Drain Pipe Items into the Standard Specifications
 - ▶ EI 01-005 Utility Reimbursement Procedure Manual Form FIN 232 (12/00) Depreciation Schedule F-2
 - ▶ EI 00-039 Special Note - Owner Requirements for Water Mains and Appurtenances
 - ▶ EI 99-020 Utility Facilities Located On Private Property
 - ▶ EI 82-4 Time Schedules For Relocating Utility Facilities Affected By State Public Construction Contracts
 - ▶ EI 73-35 Utility Relocation For Transportation Projects
 - ▶ "Utility Reimbursement Procedure Manual", PUB 3 (1/87)
 - ▶ Highway Design Manual Chapter 13.00 pages 13-1 through 13-6
- **Affected Issuances.** This EB affects EI 02-042 Revision to Foundation Slab Requirement for Standard Specifications Section 654 Impact Attenuators as discussed under TECHNICAL INFORMATION.

PURPOSE

To announce the availability of Revision No. 41 to the Highway Design Manual (HDM).

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TECHNICAL INFORMATION

Chapter 8 (Limited Revision) - Chapter 8 has been revised to incorporate the information issued with EIs 03-008 and 02-022. HDM pages 8-139 to 8-141 are effective with projects submitted for the letting of 09/11/03 (as stated in EI 03-008). HDM page 8-142 was effective with projects submitted for the letting of 01/16/03 (as stated in EI 02-022).

Chapter 10 (Limited Revision) - Chapter 10 has been revised to incorporate the information issued with EIs 03-001 and 02-042. Replacement pages incorporate the previously announced (1) discontinuance of timber curbs and barriers on highway construction projects and (2) consistent thickness requirements for attenuator foundation slabs. The replacement pages for Chapter 10 are effective with projects submitted for the letting of 09/11/03 (as stated in EI 03-001).

Chapter 13 - Chapter 13 has been completely revised and rewritten. Chapter 13 incorporates guidance previously contained in the above-listed, utility-related EIs and guidance previously contained in other documents (e.g., Utility Reimbursement Procedure Manual). As such, Chapter 13 is effective on the date of this EB.

Chapter 14 (Limited Revision) - Chapter 14 has been revised to reflect the elimination of resolution example no. 14-28 Preliminary Utility Work Agreement. Guidance regarding utility work agreements is provided in HDM chapter 13. The revisions to this chapter are effective on the date of this EB because the information being replaced is obsolete.

Chapter 21 (Limited Revision) - Chapter 21 has been revised to incorporate the information issued with EIs 03-002 and 02-034. HDM pages 21-40, 21-58, 21-59 and 21-62 are effective with projects submitted for the letting of 05/08/03.

DISTRIBUTION

Revision 41 will be distributed separately and contains an updated Table of Contents and Index for the entire HDM. Consultants and others who are required to purchase the HDM may purchase Revision 41 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

This revision and the entire Highway Design Manual are available, free of charge, in a downloadable Adobe® Acrobat® format on the NYSDOT internet site. They may be found from the NYSDOT Home page (www.dot.state.ny.us) by clicking on "Site Index", "H", and "Highway Design Manual".

CONTACT

General questions regarding this revision and the changes to Chapters 8, 13, 14 & 21 should be addressed to Norman Schips of the Design Quality Assurance Bureau. He may be reached at (518) 485-8611 or via e-mail at nschips@dot.state.ny.us.

Specific questions regarding the content of Chapter 10 should be addressed to Terry Hale of the Design Quality Assurance Bureau. He may be reached at (518) 485-7009 or via e-mail at thale@dot.state.ny.us.

Specific questions regarding Chapter 13 should also be addressed to Richard Lee of the Design Quality Assurance Bureau. He may be reached at (518) 457-4449 or via e-mail at rllee@dot.state.ny.us.