
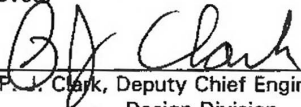


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| <p align="center">SUPERSEDED BY EB 98-060 EFFECTIVE 11/17/98</p> |  | <p align="center"><i>New York State Department of Transportation</i> ENGINEERING INSTRUCTION</p> | <p align="center">EI 95-052</p> |
| <p>Title: HIGHWAY DESIGN MANUAL REVISION NO. 25 CHAPTER 5 BASIC DESIGN</p> | | | |
| <p>Distribution:</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/AGC (39)</p> <p><input checked="" type="checkbox"/> Regions (32) <input type="checkbox"/> _____ ()</p> | <p>Approved:  _____</p> <p>P. J. Clark, Deputy Chief Engineer Design Division</p> <p align="right">12/13/95 Date</p> | | |

This EI supersedes EIs 74-017, 87-005, and 91-028.

Chapter 5 of the Highway Design Manual (HDM) has been revised. It should be used to progress projects initiated after January 1, 1996, or with a design approval date after July 1, 1996. Regions are also encouraged to utilize the chapter for projects with earlier design approval dates.

This chapter not only updates and expands the guidance found in the existing chapter, but also increases the scope of the subject matter to include new sections on Highway Capacity and Level of Service, Accident Analysis, Terrain Data Requirements, Construction Cost Estimates, Economic Analysis, Parking Lanes and Passive Snow Control. Also included are brief sections on High Occupancy Vehicle (HOV) Lanes; Bus Stops, Turnouts, and Turnarounds; and measures to relieve congestion by Increasing Capacity Without Adding Lanes. The section on Intersections at Grade is completely revised and greatly expanded. The entire existing chapter should be replaced with the new chapter dated December 13, 1995.

Revision 25 will be distributed separately and contains new Contents pages and Index for the entire HDM. Consultants and others who are required to purchase the HDM may purchase Revision 25 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, NY 12232

Project specific assistance regarding this revision should be referred to the appropriate liaison engineer in the Design Quality Assurance Bureau. General questions regarding this revision should be addressed to Robert E. Reider of the Design Quality Assurance Bureau at (518) 457-7282.