
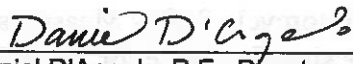


To:		New York State Department of Transportation <b>ENGINEERING BULLETIN</b>	<b>EB</b> <b>06-004</b>
Expires one year after issue unless replaced sooner			
Title: <b>HIGHWAY DESIGN MANUAL REVISION NO. 48 – CHAPTER 16 MAINTENANCE AND PROTECTION OF TRAFFIC IN HIGHWAY WORK ZONES</b>			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Agencies (32)	<input checked="" type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) <input type="checkbox"/> _____ ( )	Approved:  Daniel D'Angelo, P.E., Director Design Quality Assurance Bureau	1/20/06 Date

#### ADMINISTRATIVE INFORMATION:

- **Effective Date.** This Engineering Bulletin (EB) is effective beginning with projects submitted for the letting of 09/07/06.
- **Superseded Issuances.** The information transmitted by this EB supersedes the following Engineering Instructions (EIs) as indicated:
  - ▶ EI 82-039 State Highway Closure and Detour Maintenance (guidance only is superseded; detour resolution remains active until included in a future revision of *Highway Design Manual* (HDM) Chapter 14).
  - ▶ EI 85-041 Restricted Highway Designation.
  - ▶ EI 89-015 Policy for Construction Zone Pavement Markings.
  - ▶ EI 89-019 Addendum to EI 89-015.
  - ▶ EI 89-022 Maintenance and Protection of Traffic: No Pavement Repair or Overnight Closures (guidance only; special specification 619.0101--15 still in use).
  - ▶ EI 89-023 Short-Term Pavement Markings.
  - ▶ EI 90-003 Maintenance and Protection of Traffic: Delineation, Channelization, and Drop-Off Protection.
  - ▶ EI 91-002 WORK ZONE Construction Sign.
  - ▶ EI 92-039 Vehicle Arresting Barrier – Net Type (guidance only; special specification 619.99980115 still in use).
  - ▶ EI 93-013 Traffic Control Plans – Safe Worksite Access.
  - ▶ EI 93-018 Flashing Arrowboards – Use & Procedures.
  - ▶ EI 95-003 Requirements for Maintenance and Protection of Traffic During Nighttime Construction.
  - ▶ EI 95-005 Lighting for Nighttime Operations – Special Specification (guidance only; specification 619.6730--15 still in use).
  - ▶ EI 95-032 Construction Work Zone Speed Limits – Guidelines and Documentation.
  - ▶ EI 96-001 Temporary Rumble Strips for Construction Work Zones.
  - ▶ EI 96-020 Construction Zone Pavement Markings.
  - ▶ EI 96-027 Nighttime Construction.
  - ▶ EI 99-034 Short-Term Pavement Markings (guidance only; special specification 619.1503--15 and 619.1504--15 still in use).

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- ▶ EI 00-016 FINES DOUBLED FOR SPEEDING IN WORK ZONES Signing.
- ▶ EI 01-013 Solar-Charged Flashing Arrowboards.
- ▶ EI 01-015 Two-Lane, Two-Way Operations in Construction Work Zones.
- ▶ EI 01-019 Maintenance and Protection of Pedestrian and Bicycle Traffic.
- ▶ EI 03-039 Temporary Rumble Strips for Construction Work Zones.
- ▶ EI 03-047 FINES DOUBLED FOR SPEEDING IN WORK ZONES Signing – Design Guidelines.
- ▶ EI 05-014 Motorcycle Safety Measures on Milled Pavements – Design Guidance.
- ▶ EI 05-031 Design Guidance for Portable, Variable-Message Signs (PVMSs).

**PURPOSE:** To announce the availability of Revision No. 48 to the *Highway Design Manual* (HDM).

**TECHNICAL INFORMATION:** HDM users should replace their entire existing chapter dated May 1983 with the version dated January 20, 2006.

Section 16.1 Introduction, Section 16.2 Traffic Control Devices, Section 16.3 Safety Devices and Barriers, Section 16.4 Maintenance and Protection of Traffic (MPT) Plans, and Section 16.8 References are issued at this time.

Section 16.5 Selecting a Traffic Management Strategy, Section 16.6 Time-Related Contract Provisions, and Section 16.7 Dedicated Police Traffic Services are under development and will be issued at a later date.

**TRANSMITTED MATERIALS:** None.

**BACKGROUND:** The last update of Chapter 16 of the *Highway Design Manual* was made in 1983. Since then, the policy and guidance for the maintenance and protection of traffic in highway work zones has been provided through the issuance of Engineering Instructions (EIs). Revision No. 48 is a compilation of the guidance and policy in currently active EIs, modified to include comments received from the clearance review as well as from the continued involvement and guidance of the Traffic Engineering & Highway Safety Division and the Construction Division.

**DISTRIBUTION:** Revision 48 will be distributed separately. Consultants and others who are required to purchase the HDM may purchase Revision 48 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  
New York State Department of Transportation  
50 Wolf Road  
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. Go to the NYSDOT Home page ([www.dot.state.ny.us](http://www.dot.state.ny.us)) and click on "Site Index," "H," and "Highway Design Manual."

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**CONTACT:** Questions regarding this revision should be addressed to either H.G. Rogers of the Design Quality Assurance Bureau or C.E. Riedel of the Traffic Engineering & Highway Safety Division. H.G. Rogers may be reached at (518) 457-5597 or via e-mail at [hgrogers@dot.state.ny.us](mailto:hgrogers@dot.state.ny.us). C.E. Riedel may be reached at (518) 457-2185 or via e-mail at [criedel@dot.state.ny.us](mailto:criedel@dot.state.ny.us).