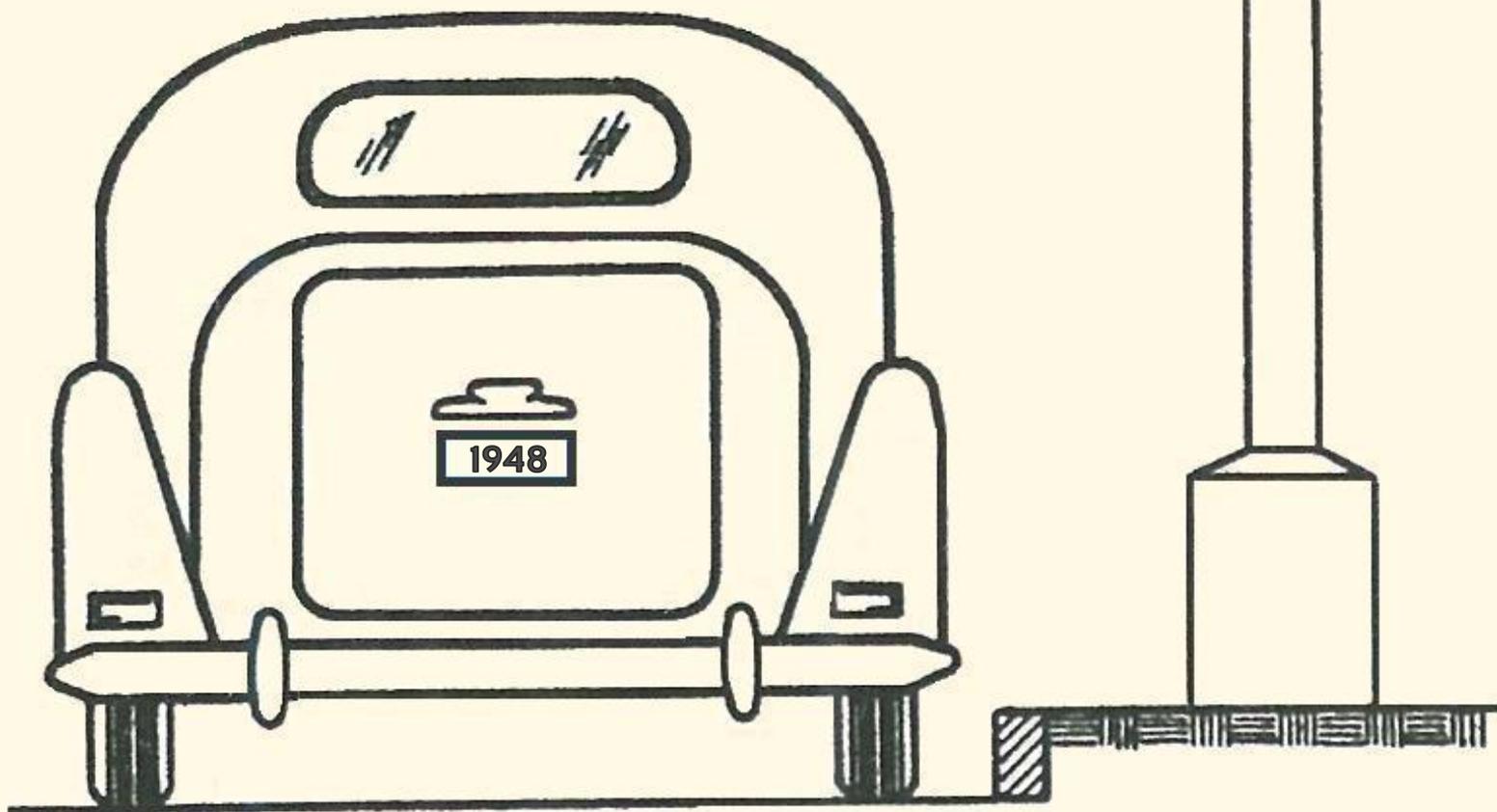


# New York State Supplement to the Manual on Uniform Traffic Control Devices for Streets and Highways (2009 Edition)

Effective March 16, 2011  
New York State Department of Transportation



This page intentionally left blank.

**NEW YORK STATE SUPPLEMENT  
TO THE  
NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES  
FOR STREETS AND HIGHWAYS – 2009 EDITION**

**TABLE OF CONTENTS**

**NYS SUPPLEMENT INTRODUCTION**

**MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INTRODUCTION**

**PART 1 GENERAL**

**Chapter 1A. General**

Section 1A.03	Design of Traffic Control Devices
Section 1A.07	Responsibility for Traffic Control Devices
Section 1A.08	Authority for Placement of Traffic Control Devices
Section 1A.13	Definitions of Headings, Words, and Phrases in this Manual

**PART 2 SIGNS**

**Chapter 2A. General**

Section 2A.03	Standardization of Application
Section 2A.06	Design of Signs
Section 2A.11	Dimensions
Section 2A.15	Enhanced Conspicuity for Standard Signs
Section 2A.16	Standardization of Location

**Chapter 2B. Regulatory Signs, Barricades, and Gates**

Section 2B.02	Design of Regulatory Signs
Section 2B.03	Size of Regulatory Signs
Section 2B.05	STOP Sign (R1-1) and ALL Way Plaque (R1-3P)
Section 2B.06	STOP Sign Applications
Section 2B.09	YIELD Sign Applications
Section 2B.10	STOP Sign or YIELD Sign Placement
Section 2B.11	Yield Here To Pedestrians Signs and Stop Here For Pedestrians Signs (R1-5 Series)
Section 2B.12	In-Street and Overhead Pedestrian Crossing Signs ((R1-6, R1-6a, R1-9, and R1-9a)
Section 2B.13	Speed Limit Sign (R2-1)
Section 2B.14	Truck Speed Limit Plaque (R2-2P)
Section 2B.15	Night Speed Limit Plaque (R2-3P)
Section 2B.17	Higher Fines Signs and Plaque (R2-6P, R2-10, and R2-11)
Section 2B.19	Intersection Lane Control Signs (R3-5 through R3-8)
Section 2B.20	Mandatory Movement Lane Control Signs (R3-5, R3-5a, R3-7, and R3-20)
Section 2B.21	Optional Movement Lane Control Sign (R3-6)
Section 2B.22	Advance Intersection Lane Control Signs (R3-8 Series)
Section 2B.28	DO NOT PASS Sign (R4-1)
Section 2B.30	KEEP RIGHT EXCEPT TO PASS Sign (R4-16) and SLOWER TRAFFIC KEEP RIGHT Sign (R4-3)

Section 2B.31	TRUCKS USE RIGHT LANE Sign (R4-5)
Section 2B.32	Keep Right and Keep Left Signs (R4-7, R4-8)
Section 2B.35	Slow Vehicle Turn-Out Signs (R4-12, R4-13, and R4-14)
Section 2B.36	DO NO DRIVE ON SHOULDER Sign (R4-17) and DO NOT PASS ON SHOULDER Sign (R4-18)
Section 2B.39	Selective Exclusion Signs
Section 2B.40	ONE WAY Signs (R6-1, R6-2)
Section 2B.46	Parking, Standing, and Stopping Signs (R7 and R8 Series)
Section 2B.47	Design of Parking, Standing, and Stopping Signs
Section 2B.48	Placement of Parking, Stopping, and Standing Signs
Section 2B.50	WALK ON LEFT FACING TRAFFIC and No Hitchhiking Signs (R9-1, R9-4, R9-4a)
Section 2B.51	Pedestrian Crossing Signs (R9-2, R9-3)
Section 2B.53	Traffic Signal Signs (R10-5 through R10-30)
Section 2B.54	No Turn on Red Signs (R10-11 Series, R10-17a, and R10-30)
Section 2B.55	Photo Enforced Signs and Plaques (R10-18, R10-19P, R10-19aP)
Section 2B.57	KEEP OFF MEDIAN Sign (R11-1)
Section 2B.60	Weigh Station Signs (R13 Series)
Section 2B.61	Truck Route Sign (R14-1)
Section 2B.64	Headlight Use Signs (R16-5 through R16-11)
Section 2B.65	FENDER BENDER Sign (R16-4)
Section 2B.101	End Speed Zone Sign (NYR2-11)
Section 2B.102	Supplemental Intersection Signs (NYR3-14, NYR3-19, NYR3-20)
Section 2B.103	Roadway Lane Use Signs (NYR4-11, NYR4-17, NYR4-18)
Section 2B.104	Miscellaneous Auxiliary Regulatory Plaques (NYR7-2P, NYR7-3P, NYR7-4P, NYR7-5P, NYR7-6P, NYR7-7P, NYR7-13P)
Section 2B.105	Snow Emergency Route Signs (NYR7-10, NYR7-11)
Section 2B.106	Seasonal Limited-Use Highway Sign (NYR8-10)
Section 2B.107	State Law Signs (NYR9-1, NYR9-2, NYR9-3, NYR9-4, NYR9-5, NYR9-6, NYR9-7, NYR9-9, NYR9-10, NYR9-11, NYR9-12, NYR9-13, NYR9-14)
Section 2B.108	Regulatory Clearance Signs (NYR5-6, NYR5-7)
Section 2B.109	NO TRUCKS WITH R PERMIT Signs (NYR5-4, NYR5-4aP)

## **Chapter 2C. Warning Signs**

Section 2C.03	Design of Warning Signs
Section 2C.04	Size of Warning Signs
Section 2C.05	Placement of Warning Signs
Section 2C.07	Horizontal Alignment Signs (W1-1 through W1-5, W1-11, W1-15)
Section 2C.08	Advisory Speed Plaque (W13-1)
Section 2C.10	Combination Horizontal Alignment/Advisory Speed Signs (W1-1a, W1-2a)
Section 2C.14	Advisory Exit and Ramp Speed Signs (W13-2 and W13-3)
Section 2C.15	Combination Horizontal Alignment/Advisory Exit and Ramp Speed Signs (W13-6 and W13-7)
Section 2C.24	Freeway or Expressway Ends Signs (W19 Series)
Section 2C.26	DEAD END/NO OUTLET Signs (W14-1, W14-1a, W14-2, W14-2a)
Section 2C.27	Low Clearance Signs (W12-2 and W12-2a)
Section 2C.28	BUMP and DIP Signs (W8-1, W8-2)
Section 2C.29	SPEED HUMP Sign (W17-1)
Section 2C.31	Shoulder Signs (W8-4, W8-9, W8-17, W8-23, and W8-25)
Section 2C.32	Surface Condition Signs (W8-5, W8-7, W8-8, W8-11, W8-13, and W8-14)
Section 2C.33	Warning Signs and Plaques for Motorcyclists (W8-15, W8-15P, W8-16)
Section 2C.34	NO CENTER LINE Sign (W8-12)
Section 2C.35	Weather Condition Signs (W8-18, W8-19, W8-21, and W8-22)
Section 2C.36	Advance Traffic Control Signs (W3-1, W3-2, W3-3, W3-4)
Section 2C.38	Reduced Speed Limit Ahead Sign (W3-5, W3-5a)
Section 2C.39	DRAW BRIDGE Sign (W3-6)
Section 2C.40	Merge Signs (W4-1, W4-5)

Section 2C.42	Lane Ends Signs (W4-2, W9-1, W9-2)
Section 2C.46	Intersection Warning Signs (W2-1 through W2-8)
Section 2C.49	Vehicular Traffic Warning Signs (W8-6, W11-1, W11-5, W11-5a, W11-8, W11-10, W11-11, W11-12, W11-12P, W11-14, W11-15, and W11-15a)
Section 2C.50	Nonvehicular Warning Signs (W11-2, W11-3, W11-4, W11-6, W11-7, W11-9, and W11-16 through W11-22)
Section 2C.55	Distance Plaques (W16-2 series, W16-3 series, W16-4P, W7-3aP)
Section 2C.56	Supplemental Arrow Plaques (W16-5P, W16-6P)
Section 2C.61	Photo Enforced Plaque (W16-10P)
Section 2C.101	ONE LANE ROAD Sign (NYW3-15)
Section 2C.102	Pass Left Or Right Sign (NYW3-4)
Section 2C.103	Advance Load Signs (NYW3-19, NYW3-30, NYW3-31, NYW3-32)
Section 2C.109	SLIDES Sign (NY4-15)
Section 2C.110	MINIMUM MAINTENANCE ROAD Sign (NYW4-16)
Section 2C.111	RUMBLE STRIPS Sign (NYW4-17)
Section 2C.112	CHILDREN AT PLAY Sign (NYW7-4)
Section 2C.113	DEAF CHILD AREA and BLIND CHILD AREA Signs (NYW7-6, NYW7-7)
Section 2C.114	LOW FLYING PLANES Sign (NYW7-8)
Section 2C.115	UNDERPASS Sign (NYW7-9)
Section 2C.117	SMOKE Sign (NYW7-17)
Section 2C.118	Bus Signs (NYW7-18, NYW7-19)
Section 2C.119	Safety Zone Sign (NYW9-5)
Section 2C.121	Overhead Warning Sign Assembly Sign (NYW9-20)
Section 2C.122	Special Warning Signs (NYW9-21)
Section 2C.123	BUS TURN Sign (NYW9-25)
Section 2C.124	SNOWPLOW TURN Sign (NYW9-26)
Section 2C.125	BIRD NESTING AREA Sign (NYW7-20)
Section 2C.126	Driveway Entrance Plaques (NYW5-16P, NYW5-17P)
Section 2C.127	Sign Marker (NYW7-15)

## **Chapter 2D. Guide Signs**

Section 2D.03	Color, Retroreflection, and Illumination
Section 2D.11	Design of Route Signs
Section 2D.26	Advance Turn Arrow Auxiliary Signs (M5-1, M5-2, and M5-3)
Section 2D.29	Route Sign Assemblies
Section 2D.34	Confirming or Reassurance Assemblies
Section 2D.37	Destination Signs (D1 Series)
Section 2D.40	Location of Destination Signs
Section 2D.41	Distance Signs (D2 Series)
Section 2D.43	Street Name Signs (D3-1 or D3-1a)
Section 2D.45	Signing on Conventional Roads on Approaches to Interchanges
Section 2D.52	Slow Vehicle Turn-Out Sign (D17-7)
Section 2D.104	Snowmobile Route Sign (NYM7-1)
Section 2D.105	All Terrain Vehicle Route Signs (NYM17-1, NYM17-2)
Section 2D.107	Name Auxiliary Signs (NYM14-26, NYM14-27)

## **Chapter 2E. Guide Signs—Freeways And Expressways**

Section 2E.14	Size and Style of Letters and Signs
Section 2E.18	Symbols
Section 2E.31	Interchange Exit Numbering
Section 2E.39	Post-Interchange Distance Signs
Section 2E.40	Interchange Sequence Signs
Section 2E.41	Community Interchanges Identification Signs
Section 2E.42	NEXT XX EXITS Sign

**Chapter 2G. Preferential and Managed Lane Signs**

Section 2G.04 Preferential Lane Vehicle Occupancy Definition Regulatory Signs (R3-10 Series and R3-13 Series)

**Chapter 2H. General Information Signs**

Section 2H.02 General Information Signs (I Series)  
 Section 2H.03 Traffic Signal Speed Sign (I1-1)  
 Section 2H.05 Reference Location Signs (D10-1 through D10-3) and Intermediate Reference Location Signs (D10-1a through D10-3a)  
 Section 2H.06 Enhanced Reference Location Signs (D10-4, D10-5)  
 Section 2H.07 Auto Tour Route Signs  
 Section 2H.101 Historic Site Signs (NYM9-1, NYM9-2, NYM9-3, NYM9-4)  
 Section 2H.102 New York State Heritage Signs (NYM20-1)  
 Section 2H.103 New York National Heritage Signs (NYI12-8)  
 Section 2H.104 Political Boundary Signs (NYI12-1, NYI12-2a, NYI12-2b, NYI12-3a, NYI12-4)  
 Section 2H.105 Watershed Sign (NYI12-7)  
 Section 2H.106 Hudson River Estuary Signs (NYM19-1, NYM19-2)  
 Section 2H.107 Catskill Former Site Signs (NYM9-5, NYM9-6)

**Chapter 2I. General Services Signs**

Section 2I.02 General Service Signs for Conventional Roads  
 Section 2I.03 General Service Signs for Freeways and Expressways  
 Section 2I.05 Rest Area and Other Roadside Area Signs  
 Section 2I.08 Tourist Information and Welcome Center Signs  
 Section 2I.09 Radio Information Signing

**Chapter 2J. Specific Service Signs**

Section 2J.01 Eligibility  
 Section 2J.02 Application  
 Section 2J.03 Logos and Logo Sign Panels  
 Section 2J.04 Number and Size of Signs and Logo Sign Panels  
 Section 2J.07 Single-Exit Interchanges  
 Section 2J.08 Double-Exit Interchanges  
 Section 2J.101 Specific Service Ramp Sign (NYI8-1, NYI8-1a)

**Chapter 2K. Tourist-Oriented Directional Signs**

Section 2K.01 Purpose and Application  
 Section 2K.02 Design  
 Section 2K.03 Style and Size of Lettering  
 Section 2K.04 Arrangement and Size of Signs  
 Section 2K.05 Advance Signs  
 Section 2K.06 Sign Locations

**Chapter 2L. Changeable Message Signs**

Section 2L.02 Application of Changeable Message Signs

**Chapter 2M. Recreational And Cultural Interest Area Signs**

Section 2M.01 Scope  
 Section 2M.02 Application of Recreational and Cultural Interest Area Signs  
 Section 2M.04 General Design Requirements for Recreational and Cultural Interest Area Symbol Guide Signs

**Figures.**

Figure 2B-101	Guide for STOP and YIELD Sign Use
Figure NY2C-3	Example of Advisory Speed Signing for an Exit Ramp
Figure 2C-101	Guide for Intersection Warning Sign Use
Figure 2D-101	Route Sign Assembly Types
Figure 2D-103	Example of Snowmobile Route Signing
Figure 2D-104	Example of Snowmobile Route Signing
Figure 2I-101	Example of Rest Area Signing

**PART 3 MARKINGS****Chapter 3A. General**

Section 3A.06	Functions, Widths and Patterns of Longitudinal Pavement Markings
---------------	--

**Chapter 3B. Pavement And Curb Markings**

Section 3B.01	Yellow Center Line Pavement Markings and Warrants
Section 3B.02	No-Passing Zone Pavement Markings and Warrants
Section 3B.04	White Lane Line Pavement Markings and Warrants
Section 3B.07	Warrants for Use of Edge Lines
Section 3B.09	Lane-Reduction Transition Markings
Section 3B.13	Raised Pavement Markers Supplementing Other Markings
Section 3B.14	Raised Pavement Markers Substituting for Pavement Markings
Section 3B.19	Parking Space Markings
Section 3B.20	Pavement Word, Symbol, and Arrow Markings
Section 3B.23	Curb Markings

**Chapter 3C. Roundabout Markings**

Section 3C.06	Pavement Word and Symbol Markings for Roundabouts
---------------	---

**Chapter 3F. Delineators**

Section 3F.04	Delineator Placement and Spacing
---------------	----------------------------------

**Chapter 3I. Islands**

Section 3I.01	General
---------------	---------

**Figures.**

Figure NY3B-14	Examples of Applications of Lane-Reduction Transition Markings
Figure 3B-101	Example of Longitudinal Line Markings

**PART 4 HIGHWAY TRAFFIC SIGNALS****Chapter 4A. General**

Section 4A.01	Types
---------------	-------

**Chapter 4C. Traffic Control Signal Needs Studies**

Section 4C.08	Warrant 7, Crash Experience
---------------	-----------------------------

**Chapter 4D. Traffic Control Signal Features**

Section 4D.05	Application of Steady Signal Indications
Section 4D.12	Visibility, Aiming, and Shielding of Signal Faces
Section 4D.13	Lateral Positioning of Signal Faces
Section 4D.14	Longitudinal Positioning of Signal Faces
Section 4D.15	Mounting Height of Signal Faces
Section 4D.29	Flashing Operation – Transition Into Flashing Mode
Section 4D.31	Flashing Operation – Transition Out of Flashing Mode

**Chapter 4E. Pedestrian Control Features**

Section 4E.05 Location and Height of Pedestrian Signal Heads

**Chapter 4G. Traffic Control Signals and Hybrid Beacons for Emergency Vehicle Access**

Section 4G.01 Applications of Emergency-Vehicle Traffic Control Signals and Hybrid Beacons

**Chapter 4L. Flashing Beacons**

Section 4L.01 General Design and Operation of Flashing Beacons

Section 4L.03 Warning Beacon

Section 4L.04 Speed Limit Sign Beacon

**Chapter 4M. Lane-Use Control Signals**

Section 4M.02 Meaning of Lane-Use Control Signal Indications

Section 4M.03 Design of Lane-Use Control Signals

Section 4M.04 Operation of Lane-Use Control Signals

**PART 5 TRAFFIC CONTROL DEVICES FOR LOW-VOLUME ROADS****Chapter 5A. General**

Section 5A.01 Function

**Chapter 5B. Regulatory Signs**

Section 5B.05 Parking Signs (R8 Series)

**Chapter 5C. Warning Signs**

Section 5C.09 Vehicular Traffic Warning and Non-Vehicular Traffic Warning Signs (W-11 Series and W8-6)

**PART 6 TEMPORARY TRAFFIC CONTROL****Chapter 6F. Temporary Traffic Control Zone Devices**

Section 6F.02 General Characteristics of Signs

Section 6F.11 Stay in Lane Sign (R4-9)

Section 6F.12 Work Zone and Higher Fines Signs and Plaques

Section 6F.15 Special Regulatory Signs

Section 6F.31 Flagger Signs (W20-7, W20-7a)

Section 6F.33 Workers Signs (W21-1, W21-1a)

Section 6F.36 Motorized Traffic Signs (W8-6, W11-10)

Section 6F.50 Other Warning Signs

Section 6F.53 Supplementary Distance Plaque (W7-3aP)

Section 6F.59 Detour Signs (M4-8, M4-8a, M4-8b, M4-9, M4-9a, M4-9b, M4-9c, and M4-10)

Section 6F.61 Arrow Boards

Section 6F.101 BRIDGE CLOSED 500 FT Sign (NYW8-4)

Section 6F.102 Miscellaneous Temporary Traffic Control Signs (NYW8-30, NYW8-31, NYW8-32, NYW8-33)

Section 6F.104 SANDBLASTING Sign (NYW8-43)

Section 6F.107 INCREASED ENFORCEMENT AREA Sign (NYW8-46)

**Chapter 6H. Typical Applications**

Notes for Figure 6H-4	Typical Application 4	Short Duration or Mobile Operations on a Shoulder
Notes for Figure 6H-6	Typical Application 6	Shoulder Work with Minor Encroachment
Notes for Figure 6H-17	Typical Application 17	Mobile Operations on a Two-Lane Road
Notes for Figure 6H-35	Typical Application 35	Mobile Operation on a Multi-Lane Road
Notes for Figure 6H-36	Typical Application 36	Lane Shift on a Freeway

**Chapter 6I. Control of Traffic Through Traffic Incident Management Areas**

Section 6I.01	General
Section 6I.101	Incident Management Signs (NYW8-42, NYW8-47)

**PART 7 TRAFFIC CONTROLS FOR SCHOOL AREAS****Chapter 7B. Signs**

Section 7B.03	Scope
Section 7B.08	School Sign (S1-1) and Plaques
Section 7B.09	School Zone Sign (S1-1) and Plaques (S4-3P, S4-7P) and End School Zone Sign (S5-2)
Section 7B.10	Higher Fines zone Signs (R2-10, R2-11) and Plaques
Section 7B.11	School Advance Crossing Assembly
Section 7B.12	School Crossing Assembly
Section 7B.13	School Bus Stop Ahead Sign (S3-1)
Section 7B.15	School Speed Limit Assembly (S4-1P, S4-2P, S4-3P, S4-4P, S4-6P, S5-1) and End School Speed Limit Sign (S5-3)
Section 7B.16	Reduced School Speed Limit Ahead Sign (S4-5, S4-5a)

**Figures.**

Figure 7B-101	Examples of School Speed Limit Assemblies
Figure 7B-102	Example of Signing for a School Speed Limit

**PART 8 TRAFFIC CONTROL FOR RAILROAD AND LIGHT RAIL TRANSIT GRADE CROSSINGS****Chapter 8A. General**

Section 8A.03	Use of Standard Devices, Systems, and Practices at Highway-LRT Grade Crossings
---------------	--

**Chapter 8B. Signs and Markings**

Section 8B.04	Crossbuck Assemblies with Yields or Stop signs at Passive Grade Crossings
Section 8B.05	Use of Stop (R1-1) or Yield (R1-2) Signs without Crossbuck Signs at Highway-LRT Grade Crossings
Section 8B.06	Grade Crossing Advance Warning Signs (W10 Series)
Section 8B.07	EXEMPT Grade Crossing Plaques (R15-3P, W10-1aP)
Section 8B.09	DO NOT STOP ON TRACKS Sign (R8-8)
Section 8B.10	TRACKS OUT OF SERVICE Sign (R8-9)
Section 8B.11	Stop Here When Flashing Sign (R8-10, R8-10a)
Section 8B.12	Stop Here on Red Sign (R10-6, R10-6a)
Section 8B.14	Do Not Pass Light Rail Transit Signs (R15-5, R15-5a)
Section 8B.15	No Motor Vehicles On Tracks Signs (R15-6, R15-6a)
Section 8B.18	Emergency Notification Sign (I-13)
Section 8B.20	TRAINS MAY EXCEED 80 MPH Sign (W10-8)
Section 8B.101	NOTICE INCREASED TRAIN TRAFFIC Sign (NYW10-5)

**Chapter 8C. Flashing-Light Signals, Gates, And Traffic Control Signals**

Section 8C.01	Introduction
Section 8C.02	Flashing-Light Signals
Section 8C.03	Flashing-Light Signals at Highway-LRT Grade Crossings
Section 8C.04	Automatic Gates
Section 8C.06	Four-Quadrant Gate Systems
Section 8C.08	Rail Traffic Detection
Section 8C.09	Traffic Control Signals at or Near Highway-Rail Grade Crossings
Section 8C.10	Traffic Control Signals at or Near Highway-LRT Grade Crossings
Section 8C.11	Use of Traffic Control Signals for Control of LRT Vehicles at Grade Crossings

Figure 8C-1 (Note) Composite Drawing of Active Traffic Control Device for Grade Crossings Showing Clearances

Figure 8C-2 (Note) Example of Location Plan for Flashing-Light Signals and Four-Quadrant Gates

### **Figures.**

Figure 8C-101 Example of Traffic Control Signals at Grade Crossings

Figure 8C-102 Example of Location Plan for Flashing Light Signals and Two-Quadrant Gates

## **PART 9 TRAFFIC CONTROLS FOR BICYCLE FACILITIES**

### **Chapter 9B. Signs**

Section 9B.04 Bike Lane Signs and Plaques (R3-17, R3-17aP, R3-17bP)

Section 9B.06 Bicycles May Use Full Lane Sign (R4-11)

Section 9B.20 Bicycle Guide Signs (D1-1b, D1-1c, D1-2b, D1-2c, D103b, D1-3c, D11-1, D11-1c)

Section 9B.21 Bicycle Route Signs (M1-8, M1-8a, M1-9)

Section 9B.22 Bicycle Route Sign Auxiliary Plaques

### **Chapter 9C. Markings**

Section 9C.04 Markings for Bicycle Lanes

## **APPENDIX 1 SIGN DRAWINGS**

## **APPENDIX 2 AUTHORIZATIONS**

## NEW YORK STATE SUPPLEMENT INTRODUCTION

The intent of the *Manual on Uniform Traffic Control Devices for Streets and Highways – 2009 Edition* (MUTCD) is to enhance highway safety and operation by requiring uniform, understandable, and effective traffic control devices on facilities open to public travel.

Traffic control devices installed on such facilities within the State of New York are required to conform to the MUTCD, published by the Federal Highway Administration (FHWA).

Section 1680(a) of the New York State Vehicle and Traffic Law requires that “the Department of Transportation shall adopt a manual and specifications for a uniform system of traffic control devices consistent with the provisions of this chapter for use upon highways within this state. Such uniform system shall correlate with and so far as practicable conform to nationally accepted standards.”

Effective September 13, 2007, the provisions of the MUTCD were formally adopted by the State of New York. These regulations also provided for a New York State Supplement to the MUTCD to become effective on that date. Combined, the two comprise the “manual and specifications for a uniform system of traffic control devices” required by Section 1680(a). The current MUTCD, the 2009 Edition, was adopted by the FHWA on December 16, 2009, and became effective January 15, 2010.

### **Purpose of the New York State Supplement to the MUTCD**

Deviations from the MUTCD are published in the New York State Supplement to the MUTCD (NYS Supplement), and are justified in cases where: New York law does not allow or support use of a device as described in the MUTCD; more restrictive guidance is desired; traffic control devices unique to New York need to be included; and/or the exclusion of optional traffic control devices is desired. These deviations are adopted through the State Administrative Procedures Act (SAPA) process and by permission of the FHWA.

### **How to Cite**

In referencing 17 NYCRR Chapter V, it is acceptable to refer to these provisions as the *New York State Supplement to the Manual on Uniform Traffic Control Devices for Streets and Highways – 2009 Edition*, the *New York State Supplement*, or the *NYS Supplement*.

### **How to Use the New York State Supplement to the MUTCD**

This document supplements the 2009 Edition of the MUTCD, dated December 2009. Prior to the adoption of the MUTCD in New York, the user consulted 17 NYCRR Chapter V (informally known as the *New York State MUTCD*). Most of what was needed to be known regarding the proper design, application, and location of a traffic control device was contained in that manual. Users now need to follow a two-step process in order to properly ascertain that information.

First, the user should refer to the MUTCD for information regarding a particular device. Second, the user should consult the New York State Supplement to determine if alternative or additional guidance is provided for the traffic control device in question.

The New York State Supplement conforms to the organization, section numbering, and paragraph numbering of the MUTCD.

The New York State Supplement uses the following terms to inform the user what action is being taken in regards to the information being provided. The terms and their meanings are as follows:

*DELETE* = Remove material as directed.

*INSERT* = Add material as directed.

In some cases, there may be a conflict with material presented in the MUTCD and the New York State Supplement. When that occurs, the New York State Supplement is controlling, and the information provided in the New York State Supplement is meant to supersede the information found in the appropriate sections of the MUTCD.

## **Design Details**

Design details for signs and pavement markings are generally not included in the MUTCD; they are found in the FHWA Standard Highway Signs and Markings (SHSM) book. Design details for devices referenced in the New York State Supplement can be found in the text and figures that accompany such references, as well as in the Sign Drawings located in Appendix 1 of this Supplement. Information regarding non-traffic control device issues such as substrate type (e.g., aluminum, steel, wood), retroreflective sheeting (e.g., engineering grade, high intensity), bolt hole locations, hardware (e.g., nuts, bolts, brackets), and posts may be provided in the MUTCD and/or SHSM, but for illustrative purposes only. Applicable guidelines and specifications for information on these and other related topics should be consulted.

The New York State Supplement identifies traffic control devices in a manner consistent with the alphanumeric system used in the MUTCD. Devices that are unique to New York are easily identifiable by the addition of the prefix "NY" to the alphanumeric designation. The "NY" designations do not necessarily correspond to MUTCD designations, though, as these designations are based on the identification system used in the State MUTCD that was in effect before the MUTCD was adopted in New York.

Users of the New York State Supplement will notice that signs that can be used in both left and right orientations have been assigned a single alphanumeric designation (e.g., NYW2-8). This approach is consistent with the style of the MUTCD. When using such signs in both the MUTCD and the New York State Supplement, it is appropriate to add "R" or "L" suffixes to the sign designations (e.g., NYW2-8R) to specify the orientation desired.

## **Obtaining the MUTCD**

The MUTCD is available online in electronic format on the FHWA website. Printed copies of the MUTCD 2009 Edition and cost information are available from the American Association of State Highways and Transportation Officials (AASHTO), the Institute of Transportation Engineers (ITE), and the American Traffic Safety Services Association (ATSSA).

## **Obtaining the New York State Supplement and Other NYSDOT Documents**

The New York State Supplement is published under the title *Transportation Title 17B (NYCRR)* by Thomson West (800-344-5009).

The MUTCD, the New York State Supplement, and other NYSDOT traffic control device documents are available online at [www.nysdot.gov/portal/page/portal/divisions/operating/oom/transportation-systems/traffic-operations-section/mutcd](http://www.nysdot.gov/portal/page/portal/divisions/operating/oom/transportation-systems/traffic-operations-section/mutcd).

## **Other**

Questions regarding the New York State Supplement may be directed to the Department.

This page intentionally left blank.

## MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INTRODUCTION

*INSERT the following paragraphs:*

**Standard:**

- 22A **The target compliance dates for certain signs disallowed by the New York State Supplement, but allowed by the MUTCD, shall be as follows:**

**Section 2B.32 Keep Right and Keep Left Signs (R4-7, R4-8) – removal of R4-7a sign – September 13, 2017.**

**Section 2B.47 Design of Parking, Standing, and Stopping Signs – removal of R7-201aP plaque – September 13, 2017.**

**Section 2B.54 No Turn on Red Signs (R10-11 Series, R10-17a, and R10-30) – removal of R10-11a sign – September 13, 2017.**

**Section 2C.36 Advance Traffic Control Signs (W3-1, W3-2, W3-3, W3-4) – removal of W3-1a and W3-2a signs – September 13, 2015.**

**Support:**

- 23A Section 1680(c) of the New York State Vehicle and Traffic Law allows for the installation of a noncompliant device up to the specified compliance date if the device is on order, or on hand and serviceable. This allowance should be used with care, as it could jeopardize funding on a Federal-aid project, in addition to adversely affecting highway safety.

This page intentionally left blank.

# PART 1

## GENERAL

### CHAPTER 1A. GENERAL

#### Section 1A.03 Design of Traffic Control Devices

*DELETE Paragraph 04.*

*INSERT the following paragraphs:*

Option:

- 03A Highway agencies may develop word message signs to notify road users of special regulations or to warn road users of a situation that might not be readily apparent. Unlike symbol signs and colors, new word message signs may be used without the need for experimentation.

**Standard:**

- 03B **Any change to a word message sign that can be considered more than a minor modification (see next Option) shall be approved by the New York State Department of Transportation before it is implemented.**

Option:

- 03C With the exception of symbols and colors, minor modifications in the specific design elements of a device may be made provided the essential appearance characteristics are preserved. Such minor revisions may include making a word plural or singular; changing the hours listed on a sign; word deviations such as “road” for “street” on a sign; etc. Although the standard design of symbol signs cannot be modified, it may be appropriate to change the orientation of the symbol to better reflect the direction of travel.

Support:

- 03D In places where there are a significant number of non-English speaking individuals in the driving population, it can be beneficial to duplicate the text on certain signs in a language other than English.

*Guidance:*

- 03E *To avoid sign clutter, the number of signs so duplicated should be held to a minimum; only the most critical ones should be reproduced.*

**Standard:**

- 03F **The use of a sign with non-English text, with the exception of proper names, shall require authorization from the New York State Department of Transportation.**

Support:

- 03G The New York State Department of Transportation’s policy allows bilingual signing for guide signs and limits its use on regulatory and warning signs. It also encourages the use of symbol type signs instead of text signs whenever possible to limit the need for bilingual signing.

**Standard:**

- 03H **U.S. Customary standard measurements (formerly known as English units) shall be used in all text messages except where a language other than English is used.**

## Option:

- 03I Measurements may be expressed in metric units (e.g., 10 km instead of 6 miles) where a language other than English is used.

**Section 1A.07      Responsibility for Traffic Control Devices**

*INSERT the following paragraph:*

## Support:

- 08A The following language in Section 1680 of the Vehicle & Traffic Law reflects the role of the MUTCD and the New York State Supplement as the state manual of uniform traffic control devices. The text also clarifies the adoption of Section 15-116 of the Uniform Vehicle Code relative to the applicability of the MUTCD to facilities on private property.

“To the extent that the National Manual on Uniform Traffic Control Devices (hereinafter referred to in this section as MUTCD), promulgated by the Federal Highway Administration pursuant to subpart F of part 655 of Title 23 of the Code of Federal Regulations and subject to a public comment period under federal law, does not conflict with the provisions of this chapter and the provisions of other laws of the state, the National MUTCD shall constitute such state manual and specifications; provided, however, such manual and specifications may be modified by the commissioner of transportation by the adoption of a supplement or supplements as such commissioner of transportation determines warranted and in compliance with the applicable provisions of the state administrative procedure act. The National MUTCD and its specifications are adopted as the state standard for traffic control devices on any street, highway, or bicycle path ‘open to public travel’. No person shall install or maintain in any area of private property used by the public any sign, signal, marking or other device intended to regulate, warn or guide traffic unless it conforms with the state manual and specifications maintained under this section.”

**Section 1A.08      Authority for Placement of Traffic Control Devices**

*INSERT the following paragraph:*

## Support:

- 08A Section 1114 of the Vehicle & Traffic Law prohibits the unlawful display of unauthorized signs, signals, or markings.

**Section 1A.13      Definitions of Headings, Words, and Phrases in this Manual**

*INSERT the following paragraph:*

Support:

- 01A      Site-specific conditions may lead agencies to determine that it is impossible or impractical to comply with a Standard, and that they must deviate from the requirement of a particular Standard at that location, or others with the same condition. In such limited specific cases, the deviation is allowed, provided that the agency or official having jurisdiction fully documents the engineering reasons for the deviation.

*INSERT the following text at the end of Paragraph 03:*

- 260. Interconnection– when used in Part 4, the means by which coordinated traffic signals are linked.**
- 261. Coincident crossing - a highway-rail grade crossing within, or no greater than 20 feet from, an intersection.**
- 262. Proximate crossing - a highway-rail grade crossing within 20 to 200 feet of an intersection.**
- 263. Independent crossing - a highway-rail grade crossing more than 200 feet from an intersection.**

This page intentionally left blank.

# PART 2

## SIGNS

### CHAPTER 2A. GENERAL

#### Section 2A.03 Standardization of Application

*INSERT the following paragraphs:*

*Guidance:*

- 04A *Part-time signs should be removed from view when they do not apply.*

*Support:*

- 04B In some situations, sign messages are needed only part of the time. Examples are seasonal speed limits, icy pavement zone warnings, and peak-hour turn prohibitions. Part-time signs may be short-term (generally on a daily or weekly basis) or long-term (generally on a monthly or seasonal basis). Some possible methods of displaying part-time signs are to:
- A. Install the sign on a portable support. This method is appropriate only for short-term signs;
  - B. Remove and replace the sign;
  - C. Cover and uncover the sign;
  - D. Hinge the sign so that one part may be folded over the other to eliminate its display; and
  - E. Include the applicable times on a supplementary sign. This method may be used only for certain regulatory signs, as prescribed in text.

#### Section 2A.06 Design of Signs

*INSERT the following paragraphs:*

**Standard:**

- 13A **Any change to a word message sign that can be considered more than a minor modification (see Section 1A.03) shall be approved by the New York State Department of Transportation before it is implemented.**

**Option:**

- 17A Where it is deemed necessary to identify the regulating authority, regulatory signs may bear the authority's name, initials, or symbol.

**Standard:**

- 17B **Where used on regulatory signs, the regulatory authority name or symbol shall not be more than one-half inch high, and shall be located near the bottom of the sign.**

## **Section 2A.11      Dimensions**

*INSERT the following paragraph:*

Guidance:

- 03A      *The size shown in the Expressway column in the various sign size tables in the MUTCD should normally be used on parkways.*

## **Section 2A.15      Enhanced Conspicuity for Standard Signs**

*DELETE Method "C" in Paragraph 01.*

## **Section 2A.16      Standardization of Location**

*DELETE Paragraph 10.*

*INSERT the following paragraphs:*

Guidance:

- 06A      *Sign installations should be at least 200 feet apart where possible.*
- 06B      *Where physical conditions limit visibility, the sign location should be suitably adjusted.*

Support:

- 06C      *As an example, a ground-mounted sign placed immediately beyond an overpass may not be sufficiently visible. Placing the sign just before, or well beyond, the overpass could improve its visibility.*

Guidance:

- 09A      *Except on freeways, warning signs should generally take precedence over regulatory and guide signs, with a warning message for a greater hazard taking priority over one for a lesser hazard. Regulatory signs should be next in importance, with the sign posting the most important regulation superseding others. Guide signs should normally be the lowest in priority, as their locations are generally more flexible than those for other types of signs. Community wayfinding and acknowledgment guide signs should have a lower priority as to placement than other guide signs. Information of a less critical nature should be moved to less critical locations or omitted.*
- 09B      *On freeways, guide signs should have highest priority, followed by warning and regulatory signs.*

## CHAPTER 2B. REGULATORY SIGNS, BARRICADES, AND GATES

### Section 2B.02 Design of Regulatory Signs

*INSERT the following paragraph:*

**Standard:**

- 03A Any change to a word message sign that can be considered more than a minor modification (see Section 1A.03) shall be approved by the New York State Department of Transportation before it is implemented.

### Section 2B.03 Size of Regulatory Signs

*DELETE Paragraph 05.*

### Section 2B.05 STOP Sign (R1-1) and ALL WAY Plaque (R1-3P)

*DELETE Paragraph 09.*

*INSERT the following paragraph:*

**Standard:**

- 08A The R1-10P plaque shall not be used in New York.

### Section 2B.06 STOP Sign Applications

*INSERT the following paragraphs:*

**Standard:**

- 00A STOP signs shall be used on the flashing red approaches to intersections controlled by flashing signals, except where a green arrow is displayed in conjunction with the flashing red indication. STOP signs shall not be used on approaches where green arrows are displayed. They also shall not be used on flashing yellow approaches.
- 00B Any STOP sign installed at a railroad grade crossing shall be approved by the Commissioner of Transportation, as per Section 1685 of the New York State Vehicle and Traffic Law.

**Option:**

- 02A Figure 2B-101 may be used as a reference to help determine whether a STOP or YIELD sign is most appropriate for use at an intersection where control has been deemed necessary and intersection sight distance is a consideration.

**Support:**

- 02B Sight distances across the corners of an intersection and the prevailing approach speeds on the major and minor roadways are significant in determining whether a STOP or YIELD sign should be used. Figure 2B-101 is based on AASHTO research indicating that the clear triangular areas produced by the values in the table will permit the vehicles on either road to stop, if necessary, before reaching the intersection. Where control is desired, a YIELD sign may be used where the clear sight triangle can be provided; a STOP sign should be used where the necessary clear sight triangle does not exist.

**Guidance:**

- 02C *Where the grade along an intersection approach exceeds three percent, the leg of the clear sight triangle along that approach should be adjusted in accordance with the values shown in Exhibit 9-53 in A Policy on Geometric Design of Highways and Streets, 2004 Edition.*

**Section 2B.09      YIELD Sign Applications**

*INSERT the following paragraph:*

**Option:**

- 01A Figure 2B-101 may be used to determine if a restricted view exists that warrants the placement of a STOP sign.

**Section 2B.10      STOP Sign or YIELD Sign Placement**

*INSERT the following paragraphs:*

**Guidance:**

- 07A *Where there is a marked crosswalk at the intersection, a STOP or YIELD sign should be located approximately four feet in advance of the crosswalk.*

**Option:**

- 09A The R1-2aP plaque with the alternate text TO ALL LANES IN CIRCLE may be used to supplement a YIELD sign at a roundabout.

**Section 2B.11      Yield Here To Pedestrians Signs and Stop Here For Pedestrians Signs (R1-5 Series)**

*INSERT the following paragraph:*

**Standard:**

- 00A **The R1-5a, R1-5b and R1-5c signs shall not be used in New York.**

**Section 2B.12      In-Street and Overhead Pedestrian Crossing Signs (R1-6, R1-6a, R1-9, and R1-9a)**

*INSERT the following paragraph:*

**Standard:**

- 00A      **The R1-6a and R1-9a signs shall not be used in New York.**

**Section 2B.13      Speed Limit Sign (R2-1)**

*DELETE Paragraphs 01-08 and 17.*

*INSERT the following paragraphs:*

**Standard:**

- 00A      **After an engineering study has been made in accordance with established traffic engineering practices, a Speed Limit sign shall display the limit established by law, ordinance, regulation, or as adopted by the authorized agency. The speed limits shown shall be in multiples of 5 MPH.**

**Support:**

- 00B      Speed limit signs inform motorists of speed restrictions established by law or regulation. There are three types of speed limits:
- A. Linear Speed Limit – A linear speed limit is one which applies along a particular highway, or along a portion of a particular highway.
  - B. Area Speed Limit – An area speed limit is one which applies to all highways within a specified area, except those specifically excluded. The area may be an entire municipality, or only a portion thereof. The defined area may also be the grounds of a school, hospital, or other institution.
  - C. Statewide Speed Limit – The statewide speed limit is established by the New York State Vehicle and Traffic Law, and is applicable on all highways where other speed limits have not been established.

**Standard:**

- 00C      **The R2-1 sign (see Figure 2B-1) shall be used for posting linear speed limits.**
- 00D      **Except as noted elsewhere in this subsection, the NYR2-2 sign (see Sign Drawing SD-R1) shall be used for posting the statewide speed limit.**
- 00E      **The NYR2-3 sign (see Sign Drawing SD-R1) shall be used for posting an area speed limit which involves only a portion of a municipality.**
- 00F      **The NYR2-4, NYR2-5, and NYR2-6 signs (see Sign Drawing SD-R1) shall be used for posting area speed limits which are essentially city-wide, village-wide, and town-wide, respectively. These signs should be used even where there are specific highways or smaller areas (for example, a village within a town) where different speed limits apply. The R2-5aP, R2-5bP, R2-5cP, and R2-5P plaques shall not be used in New York.**

- 00G **Where a linear speed limit within an area speed limit has the same numerical value as the area speed limit (a situation which can exist because of legal requirements), the appropriate area Speed Limit sign (NYR2-3 through NYR2-6) shall be substituted for the R2-1 sign in posting the linear limit.**

*Guidance:*

- 00H *Where United States or New York numbered touring routes are on highways subject to area speed limits, such highways should be posted on a linear basis with the appropriate area Speed Limit sign (NYR2-3 through NYR2-6). However, these signs may be omitted within heavily developed urban areas (for example, the central business district of a city).*

*Option:*

- 00I R2-1 signs may be used instead of NYR2-2 signs to post the statewide speed limit on a section of highway in a work zone where a speed limit in excess of the statewide limit has been temporarily reduced to the statewide limit.
- 00J The word "AREA" in the NYR2-3 sign may be replaced by other generic legend (for example, "CAMPUS", "PLAZA", "MALL", "PARK", etc.) where it would more clearly and appropriately identify a physically defined area.

**Standard:**

- 00K **Speed Limit signs shall be installed at or near the places where speed limits change.**

*Option:*

- 00L For area speed limits, additional signs within the area are not required, but may be desirable in extensive or complex areas.

**Standard:**

- 00M **A R2-1 sign shall be placed at, or as near as practicable to, the beginning of a linear speed limit facing traffic entering the restriction. Additional R2-1 signs shall be placed at intervals throughout restrictions longer than 1100 feet.**

*Option:*

- 00N The R2-1 sign may be omitted when the beginning of a linear speed limit is at, or near, the closed end of a dead-end highway.

*Guidance:*

- 00O *Where the beginning of a linear speed limit is at, or just before, an intersection, the Speed Limit sign should be placed beyond the intersection. Where a Speed Limit sign and a Political Boundary sign (see Section 2D.110) would conflict, the Political Boundary sign should be placed at a suitable location before or after the Speed Limit sign.*
- 00P *Additional R2-1 signs within a linear speed limit restriction should be suitably placed to remind motorists on the highway, as well as inform motorists entering the highway, of the speed limit. Signs should be placed beyond, rather than immediately in advance of, intersections or locations where reduced speed may be necessary.*
- 00Q *The first intermediate sign within a linear speed limit restriction should be placed a maximum of 1100 feet from the first R2-1 sign. The spacing between subsequent intermediate signs should not exceed the distance produced by multiplying the speed limit (in miles per hour) by 100.*

**Standard:**

- 00R **An appropriate Speed Limit sign (R2-1, NYR2-2 through NYR2-6) shall be placed at, or as near as practicable to, the end of a linear speed limit to indicate the speed limit that follows.**

*Guidance:*

- 00S *No Speed Limit sign should be placed at the end of a speed limit restriction that occurs at, or near, the end of the highway (e.g., a dead-end, at a "T" intersection).*

**Standard:**

- 00T **An appropriate area Speed Limit sign (NYR2-3 through NYR2-6) shall be placed facing traffic on each highway entering the area restriction. Where a highway within an area has a higher or lower speed limit, area Speed Limit signs shall be placed on each street intersecting that highway, facing traffic entering the area restriction.**

*Guidance:*

- 00U *Where traffic enters an area speed limit restriction at, or just before, an intersection, signs should be placed beyond the intersection on all highways on which the area limit applies. Where an area Speed Limit sign and a Political Boundary sign (see Section 2D.110) would conflict, the Political Boundary sign should be placed at a suitable location before or after the Speed Limit sign.*
- 00V *Where a smaller area with a different speed limit exists within an area speed limit restriction, the two should be treated as separate areas having a common boundary.*

*Option:*

- 00W Additional area Speed Limit signs may be placed within an area to remind motorists of the speed limit.

*Guidance:*

- 00X *If used, additional area Speed Limit signs within an area should not be placed immediately in advance of intersections, or in locations where they would conflict with other traffic signs.*

**Standard:**

- 00Y **An appropriate Speed Limit sign (R2-1, NYR2-2 through NYR2-6) shall be placed facing traffic on each highway leaving an area speed limit restriction to indicate the speed limit that follows.**

*Guidance:*

- 00Z *Where the end of an area speed limit restriction is at, or just before, an intersection, the signs for the next speed limit should be placed at suitable locations beyond the intersection on all highways on which the area limit does not apply. Where the intersecting highway has a linear speed limit, the normal linear posting may be adequate for this purpose.*

**Standard:**

- 00AA **A NYR2-2 sign shall be placed on highways entering the State on which the statewide speed limit applies.**
- 00BB **NYR2-2 signs shall be placed at the ends of linear speed limit restrictions when the statewide speed limit follows.**

00CC **Where a highway subject to the statewide speed limit is within, or adjacent to, an area speed limit, NYR2-2 signs shall be placed at suitable locations on that highway to inform motorists leaving the area restriction that the statewide speed limit applies.**

*Guidance:*

00DD *Where the highway is a freeway, the NYR2-2 signs should be placed on its mainline roadways beyond the entrance ramps, rather than on the entrance ramps.*

*Option:*

00EE The NYR2-2 sign may be used as necessary to inform, or remind, motorists of the statewide speed limit (e.g., on highways subject to the statewide speed limit adjacent to large airports).

00FF Under certain conditions, an END SPEED ZONE (NYR2-11) sign may be used instead of a NYR2-2 sign to post the end of a linear or area restriction. The conditions under which this substitution may be made are described in Section 2B.101.

**Section 2B.14 Truck Speed Limit Plaque (R2-2P)**

*DELETE the entire section; the R2-2P plaque shall not be used in New York.*

**Section 2B.15 Night Speed Limit Plaque (R2-3P)**

*DELETE the entire section; the R2-3P plaque shall not be used in New York.*

**Section 2B.17 Higher Fines Signs and Plaque (R2-6P, R2-10, and R2-11)**

*DELETE Paragraphs 06 and 07.*

*INSERT the following paragraph:*

**Standard:**

01A **The Higher Fines signs and plaques shall only be used in conjunction with school signing when a school speed limit has been established.**

01B **The R2-10 sign shall not be used in New York. The R2-6aP and R2-6bP plaques shall not be used in New York.**

**Section 2B.19 Intersection Lane Control Signs (R3-5 through R3-8)**

*DELETE Paragraph 09.*

*INSERT the following paragraphs:*

**Standard:**

02A **Intersection Lane Control signs shall be used where lane designations prohibit movements normally permitted by law. (e.g., An R3-5 or R3-7 sign may be used to prohibit through movement from a lane which is designated for left turns only.) These**

**signs shall also be used where lane designations permit movements normally not allowed by law. (e.g., An R3-6 sign may be used to permit left turns from a lane which ordinarily could be used only for a through movement.)**

- 08A **At roundabouts, Intersection Lane Control (R3-5, R3-6, and R3-8 series) signs shall display fish-hook arrows, and the arrow for the left-most lane shall include an oval symbolizing the central island as shown in Figure 2B-5.**

**Section 2B.20 Mandatory Movement Lane Control Signs (R3-5, R3-5a, R3-7, and R3-20)**

*INSERT the following paragraphs:*

Option:

- 00A The NYR3-21 sign (see Sign Drawing SD-R4) may be used to identify a lane from which only U-turn movements may be made.

**Standard:**

- 00B **If used, the NYR3-21 sign shall be used in a manner similar to the R3-5 and R3-5a signs.**

**Section 2B.21 Optional Movement Lane Control Sign (R3-6)**

*DELETE Paragraph 07.*

*INSERT the following paragraphs:*

Option:

- 00A The NYR3-27 and NYR3-28 signs (see Sign Drawing SD-R4) may be used to indicate movements permitted from a specific lane.

**Standard:**

- 00B **If used, the NYR3-27 and NYR3-28 signs shall be used in a manner similar to the R3-6 sign.**

**Section 2B.22 Advance Intersection Lane Control Signs (R3-8 Series)**

*DELETE the word "OK" from the first sentence in Paragraph 02.*

*INSERT the following paragraphs:*

Option:

- 01A The NYR3-51 through NYR3-67 signs (see Sign Drawing SD-R4) may be used as Advance Intersection Lane Control signs.

- 01B The THRU TRAFFIC USE LEFT LANE (NYR3-33) and THRU TRAFFIC USE RIGHT LANE (NYR3-35) signs (see Sign Drawing SD-R4) may be used to supplement other regulatory signs on intersection approaches with two or more lanes where added positive guidance is desirable. The THRU TRAFFIC USE CENTER LANE (NYR3-34) sign (see Sign Drawing SD-R4) may be used to supplement other regulatory signs on intersection approaches with three lanes.

*Guidance:*

- 03A Where a NYR3-34 sign or a NYR3-35 sign is used in conjunction with a R3-7L sign, the NYR3-34 sign or NYR3-35 sign should follow the R3-7L sign. Where a NYR3-33 sign or a NYR3-34 sign is used in conjunction with a R3-7R sign, the NYR3-33 sign or NYR3-34 sign should follow the R3-7R sign.

**Section 2B.28      DO NOT PASS Sign (R4-1)**

*INSERT the following paragraphs:*

**Standard:**

- 02A The DO NOT PASS (R4-1) sign shall be used only with standard pavement markings.

**Option:**

- 02B The DO NOT PASS (R4-1) sign may be used without pavement markings in work zones.

**Section 2B.30      KEEP RIGHT EXCEPT TO PASS Sign (R4-16) and SLOWER TRAFFIC KEEP RIGHT Sign (R4-3)**

*INSERT the following paragraph:*

**Standard:**

- 00A The KEEP RIGHT EXCEPT TO PASS (R4-16) and SLOWER TRAFFIC KEEP RIGHT (R4-3) signs shall only be used in conjunction with orders or regulations requiring such actions.

**Section 2B.31      TRUCKS USE RIGHT LANE Sign (R4-5)**

*INSERT the following paragraph:*

**Standard:**

- 01A The TRUCKS USE RIGHT LANE sign shall only be used in conjunction with orders or regulations requiring such an action.

**Section 2B.32      Keep Right and Keep Left Signs (R4-7, R4-8)**

*DELETE Paragraph 06; the R4-7a, R4-7b, R4-8a, and R4-8b signs shall not be used in New York.*

**Section 2B.35      Slow Vehicle Turn-Out Signs (R4-12, R4-13, and R4-14)**

*DELETE entire section; the R4-12, R4-13, and R4-14 signs shall not be used in New York.*

**Section 2B.36      DO NOT DRIVE ON SHOULDER Sign (R4-17) and DO NOT PASS ON SHOULDER Sign (R4-18)**

*DELETE the entire section; the R4-17 and R4-18 signs shall not be used in New York. See Section 2B.107 for more information.*

**Section 2B.39      Selective Exclusion Signs**

*DELETE Paragraphs 06-09; the R5-2a and R5-10c signs shall not be used in New York.*

*INSERT the following at the end of Paragraph 03:*

Support:

- L. PASSENGER CARS ONLY (NYR5-12)
- M. PASSENGER CARS ONLY (NYR5-13)
- N. No Snowmobiles (NYR5-21)
- O. NO PEDESTRIANS, BICYCLES OR HORSES (NYR5-26)
- P. NO ALL TERRAIN VEHICLES (NYR5-27)
- Q. ROAD SERVICE BY PERMIT ONLY (NYR5-28)

Standard:

- 04A    **The PASSENGER CARS ONLY (NYR5-12 and NYR5-13) signs (see Sign Drawing SD-R8) shall be used where all vehicles except passenger cars are prohibited.**
- 04B    **The NYR5-12 sign shall be used at intersections on, and on entrance ramps to, the restricted facility. It shall not be required on ramps from freeways where NYR5-13 signs are used. Where used, the NYR5-12 sign shall be placed at, or near, the beginning of the exclusion.**
- 04C    **The NYR5-13 sign shall be used on freeways beneath guide signs associated with exits to the restricted facility. Where used, the NYR5-13 sign shall be placed immediately below the advance exit and exit direction signs associated with the restricted facility.**
- 04D    **The No Snowmobiles (NYR5-21) sign (see Sign Drawing SD-R8) shall be used where snowmobiles are prohibited from using a highway.**
- 04E    **The NO PEDESTRIANS, BICYCLES OR HORSES (NYR5-26) sign (see Sign Drawing SD-R8) shall be used where pedestrians, bicycles, horses or horse-drawn vehicles are prohibited from using a highway.**
- 04F    **The ROAD SERVICE BY PERMIT ONLY (NYR5-28) sign (see Sign Drawing SD-R8) shall be used on highways where businesses, other than those licensed by the agency having jurisdiction, are prohibited from furnishing road service.**

**Option:**

- 04G The NO ALL TERRAIN VEHICLES (NYR5-27) sign (see Sign Drawing SD-R8) may be used where it is desirable to emphasize that all-terrain vehicles are prohibited from using a highway.

**Support:**

- 04H Section 2403 of the New York State Vehicle and Traffic Law prohibits, with some exceptions, the operation of all-terrain vehicles on highways.

**Guidance:**

- 05A *If used on a freeway or expressway ramp, a sign related to pedestrians, bicyclists or equestrians should be installed in a location where it is clearly visible to any pedestrian, bicyclist or equestrian attempting to enter the limited access facility from a street intersecting the exit ramp.*
- 05B *A Selective Exclusion sign should be placed on the right-hand side of the roadway at an appropriate distance from the intersection so as to be clearly visible to all road users turning into the roadway that has the exclusion. The No Pedestrians (R9-3) sign should be installed so as to be clearly visible to pedestrians who are at a location where an alternative route is available.*
- 05C *Additional NYR5-12 signs should be placed immediately beyond intersections where prohibited vehicles could enter, and at other suitable locations, as necessary, within the exclusion. At grade-separated intersections, the sign should be placed at, or near, the beginning of each entrance ramp to the restricted facility.*

**Section 2B.40 ONE WAY Signs (R6-1, R6-2)**

*DELETE Paragraph 13.*

*INSERT the following paragraphs:*

**Support:**

- 01A The R6-1 sign has greater legibility than the R6-2 sign, and is generally preferred. The R6-2 sign has an advantage where lateral space is limited, such as in heavily developed urban areas.

**Guidance:**

- 11A *The use of ONE WAY signs within a roundabout should be limited to low speed locations where the roundabout geometry or visibility of other signing does not make the circulating direction evident.*

**Support:**

- 11B Using ONE WAY signs on the central island of a roundabout might result in some drivers incorrectly concluding that the cross street is a one-way street; using Roundabout Directional Arrow signs is the preferred approach to avoid this confusion.
- 11C Where additional information regarding the roundabout circulating direction is deemed necessary, it is preferable to use Roundabout Circulation (R6-5P) plaques (see Section 2B.44).

## **Section 2B.46      Parking, Standing, and Stopping Signs (R7 and R8 Series)**

*DELETE Paragraph 01.*

*INSERT the following paragraphs:*

Support:

- 00A      In New York, the terms “parking”, “standing”, and “stopping” are defined in Sections 129, 145, and 147 of the New York State Vehicle and Traffic Law; the meanings of prohibitions involving each are prescribed in Section 1200 of the New York State Vehicle and Traffic Law. Where parking is prohibited, vehicles can be stopped while actually loading or unloading merchandise or passengers. Where standing is prohibited, vehicles can be stopped while actually loading or unloading passengers only. Where stopping is prohibited, vehicles can not be stopped, except to avoid conflict with other traffic or in compliance with the directions of a police officer or traffic control sign or signal.

**Standard:**

- 00B      **The R7-6, R7-7, R7-21, R7-21a, R7-22, R7-23, R7-23a, R7-107, R7-107a, R7-201aP, R7-203, R8-1, R8-2, R8-3a, R8-3cP, R8-3dP, and R8-3gP signs shall not be used in New York.**

Option:

- 00C      NYP1-6, NYP1-7, NYP1-9, NYP1-10, NYP1-11, NYP1-15, and NYP1-16 Parking Prohibition signs (see Sign Drawing SD-R17) may be used in New York.
- 00D      The NYP1-2, NYP1-4, NYP1-5, and NYP1-8 signs (see Sign Drawing SD-R17) are alternate designs which may be substituted for the designs used in R7-1, R7-2, NYP1-6, NYP1-7, and NYP1-9 through NYP1-11 Parking Prohibition signs
- 00E      The NYP2-1, NYP2-2, NYP2-4, NYP2-6, NYP2-7, and NYP2-8 Permissive Parking signs (see Sign Drawing SD-R18) may be used in New York. The NYP2-3 sign may be used as an alternate design for the NYP2-1 and NYP2-2 signs. The NYP3-1P, NYP3-2P, NYP3-3P, NYP3-4P, NYP3-5P, NYP3-6P, NYP4-4P, and NYP4-8P Parking plaques (see Sign Drawing SD-R19) may be used in New York.

## **Section 2B.47      Design of Parking, Standing, and Stopping Signs**

*DELETE Paragraph 07. (See Section 2B.105 for more information.)*

*DELETE Paragraphs 13-15.*

*INSERT the following paragraphs:*

Option:

- 10A      Where the R7-8 sign is used to identify a single marked parking space for persons with disabilities, the arrow on the sign may be omitted.
- 12A      To make parking regulations more effective, and to improve public relations by giving a definite warning, a TOW-AWAY ZONE (R7-201P) plaque (see Figure 2B-24) may be appended to, or incorporated in, any parking prohibition sign.

**Standard:**

- 12B **The TOW-AWAY ZONE (R7-201P) plaque shall have a red legend and border on a white background.**

**Standard:**

- 20A **The NYP2-1 and NYP2-2 signs shall be used to post time-limited parking regulations where the regulation applies at all times. The NYP2-4 and R7-108 signs shall be used to post time limitations where the regulation is not in effect at all times.**

## Option:

- 20B NYP2-1 and NYP2-2 signs supplemented with Parking plaques may also be used to post time limitations where the regulation is not in effect at all times.

**Standard:**

- 20C **The NYP2-7 sign shall be used where diagonal parking is specifically authorized.**

- 20D **The NYP2-8 sign shall only be used where the same time-limited parking regulation applies to all roads within a municipality. NYP2-8 signs posting seasonal regulations on a year-round basis shall either show as part of their legends the dates the regulations are in effect, or be supplemented with appropriately sized plaques indicating the dates the regulations are in effect.**

- 20E **Where used, the NYP2-8 signs shall be placed on all public highways entering the municipality. The signs shall be located on each conventional highway and expressway at or near the municipal boundary. The NYP2-8 sign shall not be placed at the same location as another sign.**

## Option:

- 20F The NYP3-1P, NYP3-2P, NYP3-3P, NYP3-4P, NYP3-5P, NYP3-6P, and NYP4-4P Parking plaques may be used to supplement both Parking Prohibition signs and Permissive Parking signs.

**Standard:**

- 20G **The legend on a Parking plaque shall be the same color as the legend on the sign the plaque supplements. The legend on the NYP4-8P plaque shall only be green.**

- 20H **Where used, Parking plaques shall be placed immediately below the signs they supplement.**

- 20I **The NYP4-4P Parking plaque shall only be used as a supplement to the R8-3 sign.**

*Guidance:*

- 20J *The NYP2-8 sign should not be placed on mainline roadways of freeways. Where freeways are involved, the signs should be located at each interchange with a local street, either on the exit ramps or on the local street just after the interchange. The NYP2-8 sign should be oriented at approximately a right angle to the direction of traffic.*

- 20K *The NYP4-4 THIS BLOCK plaque should be used where R8-3 signs are used on other than high-speed rural highways.*

## Option:

- 20L The NYP2-8 sign may be placed on the left side of a one-way roadway, such as a freeway exit ramp.
- 20M The legend on the NYP4-4 plaque may be modified, as required by the applicable regulation, using appropriate wording in the specified letter height.

**Section 2B.48      Placement of Parking, Stopping, and Standing Signs**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

- 00A **Parking sign height shall be in accordance with Section 2A.18. The minimum height shall apply to the bottom of the lowest sign in an assembly of parking signs.**
- 00B **Except where otherwise specified, parking signs shall be placed facing approaching traffic at an angle of between 30 and 45 degrees with the line of traffic flow.**
- 00C **Parking signs shall be placed at each end of a regulation and, within the regulation, at intervals not to exceed 200 feet.**

## Option:

- 00D Where one end of a prohibition is at an intersection, and the regulation extends not more than 200 feet from the intersection, the sign at the intersection end may be omitted if a NYP1-9, NYP1-10, or NYP1-11 sign (with appropriate right or left directional arrow) is used to post the other end.

**Standard:**

- 00E **Single-headed arrows pointing in the direction of the regulation shall be used on signs posting each end of a regulation. Double-headed arrows shall be used on intermediate signs within the regulation.**
- 00F **The transition between two different enacted regulations shall be posted with appropriate signs for each regulation. The R7-202P plaque shall not be used in New York.**

*Guidance:*

- 00G *Where an enacted regulation adjoins a statutory regulation and the statutory requirement may not be obvious to motorists, the transition for both regulations should be posted. The transition should be posted with the two signs (or sign assemblies) mounted side by side, or with an R7-200 sign. Posting adjoining regulations with signs one above the other should be avoided, if possible.*

**Section 2B.50      WALK ON LEFT FACING TRAFFIC and No Hitchhiking Signs (R9-1, R9-4, R9-4a)**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

00A      **The R9-1 and R9-4a signs shall not be used in New York.**

**Option:**

00B      The WALK ON LEFT FACING TRAFFIC (NYR9-3) sign (see Section 2B.107) may be used on highways where no sidewalks are provided.

**Option:**

00C      The No Hitchhiking (R9-4) sign (see Figure 2B-26) may be used to prohibit standing in or adjacent to the roadway for the purpose of soliciting a ride.

**Section 2B.51      Pedestrian Crossing Signs (R9-2, R9-3)**

*DELETE Paragraph 05; the R9-3a sign shall not be used in New York.*

*INSERT the following paragraph:*

**Option:**

04A      The USE CROSSWALK (R9-3bP), USE UNDERPASS (NYR6-5P), and USE OVERPASS (NYR6-7P) supplemental plaques (see Figure 2B-26 and Sign Drawing SD-R10) may be installed below the R9-3 sign to indicate the direction to a nearby crosswalk, underpass, or overpass. A left-facing arrow, placed to the left of the word "USE," may be used, as needed.

**Section 2B.53      Traffic Signal Signs (R10-5 through R10-30)**

*INSERT the following paragraphs:*

**Standard:**

02A      **The DO NOT BLOCK INTERSECTION (R10-7) and STOP HERE ON RED (R10-6a) signs shall not be used in New York.**

**Option:**

02B      The U-Turn Signal (NYR3-44) sign (see Sign Drawing SD-R5) may be used to identify a signal face which controls U-turn movements exclusively.

02C      The DO NOT BLOCK SIDE ROAD (NYR9-4) sign (see Section 2B.107) may be used where motorists, unable to proceed because of congestion ahead, block an intersection in violation of Section 1175 of the New York State Vehicle and Traffic Law. The word "SIDE" may be replaced by "CROSS" where deemed necessary or appropriate.

- 02D The WAIT FOR GREEN LIGHT (NYR3-40) sign (see Sign Drawing SD-R5) may be used where motorists waiting at a red signal indication frequently enter the intersection before the green indication appears.
- 02E The WAIT FOR GREEN ARROW (NYR3-41) sign (see Sign Drawing SD-R5) may be used where turning traffic is controlled by a face consisting of red arrow, yellow arrow, and green arrow indications, and motorists frequently turn when the red arrow is displayed.

*Guidance:*

- 02F *Where used at an overhead signal, the U-Turn Signal sign should be to the right of the signal face. At a post- or pedestal-mounted signal, the NYR3-44 sign should be below the face.*
- 02G *Where used, the WAIT FOR GREEN LIGHT sign should be located near a primary signal face controlling traffic which is starting prematurely.*
- 02G *Where used, the WAIT FOR GREEN ARROW sign should be located near the signal face containing the red arrow, yellow arrow, and green arrow indications.*

**Section 2B.54 No Turn on Red Signs (R10-11 Series, R10-17a, and R10-30)**

*DELETE Paragraphs 01 and 02.*

*DELETE Paragraph 07; Section 1111(d) of the New York State Vehicle and Traffic Law does not permit traffic facing a red arrow to enter an intersection. The R10-17a sign shall not be used in New York.*

*INSERT the following paragraphs:*

**Standard:**

- 00A **Where a right turn on red (or a left turn on red from a one-way street to a one-way street) is to be prohibited, a symbolic NO TURN ON RED (symbolic circular red) (R10-11) sign (see Figure 2B-27) shall be used. The R10-11a and R10-11b word message signs shall not be used in New York.**
- 00B **Where used at traffic signals installed on or after January 1, 1998, the NO TURN ON RED (R10-11) sign shall be placed adjacent to the appropriate signal face wherever possible. This shall not preclude the use of additional signs in other locations.**

**Support:**

- 00C The placement of NO TURN ON RED signs installed on or after January 1, 1998 is specified in Section 1111 of the New York State Vehicle and Traffic Law.

**Option:**

- 00D An NYR7-4P or NYR7-5P Auxiliary Regulatory plaque (see Sign Drawing SD-R11) showing times of day with a black legend and border on a white background may be mounted below a NO TURN ON RED sign to indicate that the restriction is in place only during certain times.

**Section 2B.55      Photo Enforced Signs and Plaques (R10-18, R10-19P, R10-19aP)**

*INSERT the following paragraph:*

**Standard:**

- 02A      **The R10-19aP plaque shall not be used in New York.**

**Section 2B.57      KEEP OFF MEDIAN Sign (R11-1)**

*DELETE the entire section; the R11-1 sign shall not be used in New York.*

**Section 2B.60      Weigh Station Signs (R13 Series)**

*INSERT the following paragraphs:*

**Option:**

- 03A      The text on the R13-1 sign may be modified, as required by the applicable regulation.
- 03B      The R13-1 may be supplemented with a WHEN FLASHING (NYR7-14) sign (see Sign Drawing SD-R13).

**Standard:**

- 03C      **Where used, the WHEN FLASHING sign shall be placed below the R13-1 sign. The WHEN FLASHING sign shall have warning beacons (see Section 4K.03) aligned horizontally no less than 12 inches left and right of, not within, the sign. The beacons shall flash only during those times the regulation is in effect.**

**Section 2B.61      TRUCK ROUTE Sign (R14-1)**

*INSERT the following paragraphs:*

**Standard:**

- 01A      **The TRUCKS OVER 5 TONS USE TRUCK ROUTES (NYR5-15) sign (see Sign Drawing SD-R9) shall be used to inform drivers of trucks over five tons that they are permitted only on highways which are part of the truck route system. The TRUCKS OVER 5 TONS USE TRUCK ROUTES sign shall be placed on highways entering an area having a truck route system at, or near, the boundary area.**

**Guidance:**

- 01B      *Where a truck route system is in effect only during certain periods, it should be posted with variable message or part-time NYR5-15 signs.*

**Option:**

- 01C      The applicable times of a variable message or part-time NYR5-15 sign may be posted on a Miscellaneous Auxiliary Regulatory plaque (see Section 2B.104) beneath the NYR5-15 sign.

- 01D The EXCEPT LOCAL DELIVERY (NYR7-3P) plaque (see Sign Drawing SD-R11) may be used with the NYR5-15 sign where it is desirable to indicate that the regulation does not preclude local delivery.

### **Section 2B.64 Headlight Use Signs (R16-5 through R16-11)**

*DELETE the entire section; the R16-5, R16-6, R16-7, R16-8, R16-9, R16-10, and R16-11 signs shall not be used in New York. See Section 2B.107 for the New York State headlight sign.*

### **Section 2B.65 FENDER BENDER Sign (R16-4)**

*DELETE the entire section; the R16-4 sign shall not be used in New York, as this action is not required by New York State Law.*

### **Section 2B.101 End Speed Zone Sign (NYR2-11)**

Option:

- 01 The End Speed Zone (NYR2-11) sign (see Sign Drawing SD-R1) may be used for posting the end of a linear or area speed limit which is followed by the statewide limit. It is a substitute for the NYR2-2 sign (see Section 2B.13) at that location.

Standard:

- 02 **The NYR2-11 sign shall be used only where the NYR2-2 sign would be unsuitable because of conditions immediately beyond the sign location. Examples of such conditions are:**
- A. A curve with advisory speed less than the statewide limit.
  - B. A school building adjacent to the highway.
  - C. Highway and/or roadside characteristics which are not conducive to an immediate increase in travel speed.
- 03 **Where the NYR2-11 sign is used, a NYR2-2 sign shall be placed beyond it at the first suitable location, unless another speed restriction begins within one-quarter mile of that location.**

### **Section 2B.102 Supplemental Intersection Signs (NYR3-14, NYR3-19, NYR3-20)**

Option:

- 01 The ALL TRAFFIC (NYR3-14) sign (see Sign Drawing SD-R3) may be used where all traffic on an intersection approach is allowed to proceed through the intersection in one direction only.
- 02 The LEFT TURN ONLY (NYR3-19) and RIGHT TURN ONLY (NYR3-20) signs (see Sign Drawing SD-R3) may be used where all traffic on an intersection approach is required to turn left or turn right, respectively.

- 03 Supplemental Intersection signs may be used at the junction of an alley or driveway with a roadway or highway, regardless of whether or not the roadway or highway at said junction is controlled by a traffic control device.

**Standard:**

- 04 **The ALL TRAFFIC sign shall not be a substitute for other one-way signs required, or normally used, at intersections.**

*Guidance:*

- 05 *Where used, the ALL TRAFFIC sign should normally be placed in advance of an intersection on the right side of the roadway.*
- 06 *Where used, the LEFT TURN ONLY and RIGHT TURN ONLY signs should be placed in the near right corner of the intersection. On one-way roadways, an additional sign should be placed in the near left corner of the intersection.*

*Option:*

- 07 The arrow on the ALL TRAFFIC sign may be vertical, horizontal (left or right), or slant diagonally upward (left or right).

**Section 2B.103 Roadway Lane Use Signs (NYR4-11, NYR4-17, NYR4-18)**

**Standard:**

- 01 **The NO TRUCKS BUSES TRAILERS LEFT LANE (NYR4-17) sign (see Sign Drawing SD-R6) shall be used where particular types of vehicles are prohibited from using specific lanes. The NO TRUCKS BUSES TRAILERS LEFT LANE sign shall be placed at, or near, the beginning of the regulation.**

*Guidance:*

- 02 *Additional NO TRUCKS BUSES TRAILERS LEFT LANE signs should be placed throughout the regulated section, at intervals generally not exceeding one mile. Where the prohibition applies to the left lane on a one-way roadway, the signs should be placed on the left side of the roadway.*

*Option:*

- 03 The USE TWO LANES (NYR4-11) sign (see Sign Drawing SD-R6) may be used where it is desired to encourage effective use of all available travel lanes. The legend on the USE TWO LANES sign may be modified, as required by the applicable regulation, using appropriate wording in the specified letter size and series. Sign sizes may be adjusted, as necessary, to accommodate modified legends. Additional USE TWO LANES signs may be placed within the applicable roadway section, as needed.
- 04 The DO NOT CROSS DIVIDER (NYR4-18) sign (see Sign Drawing SD-R6) may be used in conjunction with a solid double white line to emphasize that crossing the marking is prohibited.

**Standard:**

- 05 **The USE TWO LANES sign shall be used only where lane markings are used.**

*Guidance:*

- 06 *The legend on the USE TWO LANES sign should state the number of lanes available for the traffic to which it applies. Where used, the USE TWO LANES sign should be placed at, or near, the beginning of the applicable roadway section.*
- 07 *Where used, the DO NOT CROSS DIVIDER sign should be placed at, or near, the beginning of the solid double white line. Where the prohibited movement is on the left side of a one-way roadway, the signs should be placed on the left side of the roadway.*

*Option:*

- 08 Additional DO NOT CROSS DIVIDER signs may be placed within the section containing the restriction, as needed.

**Section 2B.104      Miscellaneous Auxiliary Regulatory Plaques (NYR7-2P, NYR7-3P, NYR7-4P, NYR7-5P, NYR7-6P, NYR7-7P, NYR7-13P)**

*Option:*

- 01 The NYR7-2P, NYR7-3P, NYR7-4P, NYR7-5P, NYR7-6P, NYR7-7P, and NYR7-13P auxiliary plaques (see Sign Drawing SD-R11) may be used to supplement regulatory signs where the regulation applies only: at specific times; specific days; specific locations; to specific vehicles; or with other specific exceptions.
- 02 The legends on the NYR7-2P, NYR7-4P, NYR7-5P, and NYR7-6P auxiliary plaques may be modified, as required by the applicable regulation, using appropriate wording in the specified letter heights.

**Section 2B.105      Snow Emergency Route Signs (NYR7-10, NYR7-11)**

**Standard:**

- 01 **The NYR7-10 Snow Emergency Route sign (see Sign Drawing SD-R12) shall be used to post designated snow emergency routes only where the statutory requirements described in Section 145-c of the New York State Vehicle and Traffic Law are in effect. The NYR7-11 Snow Emergency Route sign (see Sign Drawing SD-R12) shall be used where a supplemental regulation is established in conjunction with a snow emergency route designation.**

*Guidance:*

- 02 *The NYR7-10 or NYR7-11 sign should be placed, in each traffic direction, on the right side of a designated snow emergency route beyond each intersection, and at additional locations as deemed necessary or desirable. Where snow emergency parking regulations are established on the left side of a one-way roadway, snow emergency route signs should be placed on both sides of the roadway.*

*Option:*

- 03 The illustrated legend on the lower part of the NYR7-11 sign may be modified, as required by the regulation, using appropriate wording in the specified letter height. The size of the NYR7-11 sign may be adjusted, where necessary to accommodate the modified legend.

## **Section 2B.106      Seasonal Limited-Use Highway Sign (NYR8-10)**

### **Standard:**

- 01    **The Seasonal Limited-Use Highway (NYR8-10) sign (see Sign Drawing SD-R14) shall be used to post highways which have been designated as seasonal limited-use highways in accordance with Section 205-a of the New York State Highway Law.**

### *Guidance:*

- 02    *Where the sign is installed on a seasonal basis, it should be displayed for a reasonable period before maintenance is discontinued, and should remain in place until it is resumed. Where maintenance is officially discontinued after December 1<sup>st</sup> or resumed before April 1<sup>st</sup>, the legend on Line 6 should be modified to state the appropriate dates.*
- 03    *This sign should be placed on the right side of the highway facing approaching traffic at each end of the designated section. Additional signs should be placed, in both directions on the designated highway, immediately beyond intersections with non-designated highways.*

## **Section 2B.107      State Law Signs (NYR9-1, NYR9-2, NYR9-3, NYR9-4, NYR9-5, NYR9-6, NYR9-7, NYR9-9, NYR9-10, NYR9-11, NYR9-12, NYR9-13, NYR9-14, NYR9-15)**

### **Option:**

- 01    The KEEP OFF MEDIAN (NYR9-1) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1130 of the New York State Vehicle and Traffic Law.
- 02    The STOP FOR STOPPED SCHOOL BUS (NYR9-2) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1174 of the New York State Vehicle and Traffic Law.
- 03    The WALK ON LEFT FACING TRAFFIC (NYR9-3) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1156(b) of the New York State Vehicle and Traffic Law.
- 04    The DO NOT BLOCK SIDE ROAD (NYR9-4) sign (see Sign Drawing SD-R15) may be used where motorists, unable to proceed because of congestion ahead, block an intersection in violation of Section 1175 of the New York State Vehicle and Traffic Law. The word "SIDE" may be replaced by "CROSS" where deemed necessary or appropriate.
- 05    The DO NOT STOP ON TRACKS (NYR9-5) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1202 of the New York State Vehicle and Traffic Law.

### **Support:**

- 06    See Section 8B.09 for more information regarding the use of the DO NOT STOP ON TRACKS sign.

**Option:**

- 07 The YIELD TO THE BLIND (NYR9-6) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1153 of the New York State Vehicle and Traffic Law.
- 08 The Yield to Pedestrians in Crosswalk (NYR9-7) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1151 of the New York State Vehicle and Traffic Law.
- 09 The DO NOT DRIVE ON SHOULDER (NYR9-9) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Sections 1120, 1123, and 1131 of the New York State Vehicle and Traffic Law.
- 10 The BIKE ON RIGHT WITH TRAFFIC (NYR9-10) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind bicyclists of the requirements of Section 1234 of the New York State Vehicle and Traffic Law.
- 11 The LICENSE SUSPENDED AFTER TWO WORK ZONE SPEEDING TICKETS (NYR9-11) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the provisions of Section 510 of the New York State Vehicle and Traffic Law.
- 12 The FINES DOUBLED FOR SPEEDING IN WORK ZONES (NYR9-12) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the provisions of Section 1180 of the New York State Vehicle and Traffic Law.
- 13 The TURN ON HEADLIGHTS WHEN USING WIPERS (NYR9-13) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 375(2)(a) of the New York State Vehicle and Traffic Law.
- 14 The USE OF HAND-HELD MOBILE TELEPHONE BY DRIVER PROHIBITED (NYR9-14) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1225-c of the New York State Vehicle and Traffic Law.
- 15 The MOVE OVER WHEN SAFE FOR STOPPED EMERGENCY VEHICLES (NYR9-15) sign (see Sign Drawing SD-R15) may be used where it is deemed necessary to remind motorists of the requirements of Section 1144-a of the New York State Vehicle and Traffic Law.

**Standard:**

- 16 **The Yield to Pedestrians in Crosswalk sign shall not be used at intersections where traffic control signals are in operation, at mid-block crosswalks where traffic control signals are in operation, or in the vicinity of pedestrian tunnels or overpasses. The sign is for roadside use only, and shall not be placed within roadways.**
- 17 **The DO NOT DRIVE ON SHOULDER sign shall not be used within sections of highway where driving on shoulders is authorized.**

**Guidance:**

- 18 *The use of the KEEP OFF MEDIAN sign should be limited to locations where drivers frequently enter or cross the median at other than a crossover or intersection. Where used, the sign should be placed on the left side of the roadway where motorists illegally enter or cross the median.*

- 19 *Where used, the STOP FOR STOPPED SCHOOL BUS sign should be placed where it will not interfere with, or detract from, other traffic control devices.*
- 20 *Where used, the WALK ON LEFT FACING TRAFFIC sign should be placed along the section of highway where pedestrians walking on the wrong side are a problem or concern. The sign should be placed on the right side of the roadway.*
- 21 *Where used, the DO NOT BLOCK SIDE ROAD sign should be placed in the near right corner of the intersection involved, and at other locations as necessary.*
- 22 *The use of the DO NOT STOP ON TRACKS sign should be limited to locations where the potential for vehicles stopping on the tracks is high. Where used, the sign should be placed on the right side of the roadway, either on the near or far side of the crossing. On one-way roadways, a second sign should be placed on the left side of the roadway, either on the near or far side of the crossing.*
- 23 *The use of the YIELD TO THE BLIND sign should be limited to intersections and crosswalks frequently used by blind or visually impaired persons. Where used, the sign should be placed immediately in advance of, or immediately beyond, the intersection or crosswalk. On one-way roadways, a second sign should be placed on the left side of the roadway, either on the near or far side of the crossing location.*
- 24 *The use of the Yield to Pedestrians in Crosswalk sign should be limited to locations where there are marked crosswalks. Where used, the sign should be placed on the right side of the roadway in advance of the crosswalk.*
- 25 *The DO NOT DRIVE ON SHOULDER sign should be used only at locations where vehicles are being driven on shoulders illegally. Where used, this sign should be placed along the section of highway where driving illegally on shoulders is a problem or concern. The sign should not be used near sections of highway where driving on shoulders is authorized.*
- 26 *Where used, the BIKE ON RIGHT WITH TRAFFIC sign should be placed along the section of highway where bicyclists riding on the wrong side of the roadway are a problem or concern. The sign should be placed on the left side of the roadway.*
- 27 *Where used, the LICENSE SUSPENDED AFTER TWO WORK ZONE SPEEDING TICKETS sign should be placed on the right side of the section of highway where a reminder of the law is deemed necessary. Where used on a freeway, the sign should be placed on both sides of the roadway.*
- 28 *Where used, the FINES DOUBLED FOR SPEEDING IN WORK ZONES sign should be placed on the right side of the section of highway where a reminder of the law is deemed necessary. Where used on a freeway, the sign should be placed on both sides of the roadway.*
- 29 *Where used, the TURN ON HEADLIGHTS WHEN USING WIPERS sign should be placed where it will not interfere with, or detract from, other traffic control devices.*
- 30 *Where used, the USE OF HAND-HELD MOBILE TELEPHONE BY DRIVER PROHIBITED sign should be placed where it will not interfere with, or detract from, other traffic control devices.*

- 31 *The use of the MOVE OVER WHEN SAFE FOR STOPPED EMERGENCY VEHICLES sign should be limited to freeways and parkways, and placed where it will not interfere with, or detract from, other traffic control devices.*

Option:

- 32 The Yield to Pedestrians in Crosswalk sign may be placed on the left side of one-way roadways.

## **Section 2B.108 Regulatory Clearance Signs (NYR5-6, NYR5-7)**

**Standard:**

- 01 **Regulatory Clearance (NYR5-6 and NYR5-7) signs (see Sign Drawing SD-R7) shall be used to indicate legal overhead clearances at bridges and elevated structures when measured overhead clearance is less than 14 feet. Such legal overhead clearance shall be one foot less than the measured clearance (the vertical distance between the traveled portion of the roadway and the overhead structure).**

Support:

- 02 Sections 1621(c), 1640(d), 1650(c), and 1660(c) of the New York State Vehicle and Traffic Law require posting of signs informing persons of the legal overhead clearances of bridges and elevated structures when the measured clearance is less than 14 feet; legal clearance is one foot less than measured clearance.

**Standard:**

- 03 **The NYR5-6 sign shall be used where there is only one approach lane. It shall also be used where there is more than one approach lane if a single clearance applicable to all approach lanes is to be indicated. Where used, the NYR5-6 sign shall be placed on, or immediately in advance of, the bridge or elevated structure.**
- 04 **The NYR5-7 sign shall be used where there is more than one approach lane, and there is a significant difference in clearance between any two of the lanes. Where used, the NYR5-7 sign shall be mounted over each lane having a measured clearance less than 14 feet, and shall be placed on, or immediately in advance of, the bridge or elevated structure. It shall be mounted over the lane to which it applies.**
- 05 **The clearance stated on the NYR5-6 or NYR5-7 sign shall be the legal clearance in feet and inches, to the nearest whole inch. The clearance stated on the NYR5-6 sign shall be the minimum legal clearance over the entire approach roadway. The clearance stated on the NYR5-7 sign shall be the minimum legal clearance over the lane to which it applies.**

Option:

- 06 The NYR5-6 sign may be mounted either over the roadway or at the side of the roadway.

Support:

- 07 Overhead mounting of the NYR5-6 sign is desirable on multilane approaches.

**Section 2B.109     NO TRUCKS WITH R PERMIT Signs (NYR5-4, NYR5-4aP)****Standard:**

- 01     **The NO TRUCKS WITH R PERMIT (NYR5-4) sign (see Sign Drawing SD-R20) shall be used to identify a bridge or elevated structure that has been designated as R-Posted.**
- 02     **Where used, the NO TRUCKS WITH R PERMIT sign shall be placed at, or immediately in advance of, the bridge to which it applies.**
- 03     **The NO TRUCKS WITH R PERMIT sign shall be supplemented with a W (NYR5-4aP) plaque where the bridge or elevated structure may be crossed by vehicles operating pursuant to overweight permits having structure use restrictions. Where used, the W plaque shall be mounted below the NO TRUCKS WITH R PERMIT sign.**

**Support:**

- 04     R-Posted bridges are bridges which, based on design or condition, do not have the reserve capacity to accommodate most vehicles over legal weights, but can still safely carry weights generally authorized for vehicles operating without permits. Vehicles operating pursuant to an overweight permit with structure use restrictions (known as “R” Permits) are not allowed to cross R-Posted bridges.

## CHAPTER 2C. WARNING SIGNS AND OBJECT MARKERS

### Section 2C.03 Design of Warning Signs

*DELETE Paragraph 04.*

*INSERT the following paragraphs:*

Option:

- 03A Minor legend changes may be made to standard warning signs in order to meet actual needs.

Standard:

- 03B **Any change to a warning sign that can be considered more than a minor modification (see Section 1A.03), or a unique warning sign, shall be approved by the New York State Department of Transportation before it is used.**

### Section 2C.04 Size of Warning Signs

*DELETE Paragraph 05.*

### Section 2C.05 Placement of Warning Signs

*DELETE the entire section, including Table 2C-4.*

*INSERT Table NY2C-4 and the following paragraphs:*

Standard:

- 00A **All references to “Table 2C-4” in the MUTCD shall be understood to actually refer to Table NY2C-4.**

Support:

- 00B For information on placement of warning signs, see Sections 2A.16 to 2A.21.
- 00C The time needed for detection, recognition, decision, and reaction is called the Perception-Response Time (PRT).
- 00D Table NY2C-4 lists suggested sign placement distances for three conditions; these values are based on essentially level approaches. The distances shown in Table NY2C-4 can be adjusted for roadway features, other signing, and to improve visibility.

Support:

- 00E Condition C in Table NY2C-4 comprises the distances associated with Condition B with an advisory speed equal to the posted or 85<sup>th</sup>-percentile speed. (e.g., The Condition C distance for 40 mph is 150 ft.)

*Guidance:*

- 00F *Warning signs should be placed so that they provide an adequate PRT. The distances contained in Table NY2C-4 should be used as guides in determining advance posting distances, and should be applied with engineering judgment. Warning signs should not be placed too far in advance of the condition, such that drivers might tend to forget the warning because of other driving distractions, especially in urban areas.*
- 00G *Warning signs that advise road users about conditions that will likely not require a reduction in speed should be placed in accordance with Condition C distances.*
- 00H *Warning signs that advise road users about conditions that are not related to a specific location, such as Deer Crossing or SOFT SHOULDER, should be installed in an appropriate location, based on engineering judgment, since they are not covered by Table NY2C-4.*
- 00I *The values shown in Table NY2C-4 should be suitably increased on downgrade approaches to accommodate the greater deceleration distances involved. For moderate downgrades (generally five to eight percent), the values should be increased about 25 percent, and for steeper downgrades (more than eight percent), they should be increased about 50 percent.*

*Option:*

- 00J *On steep upgrades (more than eight percent), the values may be decreased approximately 20 percent.*
- 00K *Estimated grades and 85<sup>th</sup> percentile approach speeds are usually sufficient, and may be used in determining advance posting distances.*

*Guidance:*

- 00L *Minimum spacing between warning signs with different messages should be based on the estimated PRT for driver comprehension of, and reaction to, the second sign.*
- 00M *The effectiveness of the placement of warning signs should be periodically evaluated under both day and night conditions.*

**Table NY2C-4. Guidelines for Advance Placement of Warning Signs**

Posted or 85 <sup>th</sup> -Percentile Speed (mph)	Advance Placement Distance (ft) <sup>1</sup>																
	Condition A: Speed reduction and lane changing in heavy traffic <sup>2</sup>	Condition B: Deceleration to the listed advisory speed (mph) for the condition <sup>4</sup>															
		Condition C: No speed reduction necessary <sup>5</sup>															
		0 <sup>3</sup>	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
20	410	115	110	105	90	75	-	-	-	-	-	-	-	-	-	-	-
25	515	155	160	150	135	120	95	-	-	-	-	-	-	-	-	-	-
30	620	200	205	195	185	165	140	110	-	-	-	-	-	-	-	-	-
35	720	250	255	245	235	215	190	160	130	-	-	-	-	-	-	-	-
40	825	305	320	310	295	280	255	225	190	150	-	-	-	-	-	-	-
45	930	360	380	370	360	340	315	285	255	210	165	-	-	-	-	-	-
50	1030	425	455	450	435	415	390	360	330	285	240	185	-	-	-	-	-
55	1135	495	530	520	505	490	460	435	400	355	315	255	205	-	-	-	-
60	1280	570	605	595	585	565	540	510	475	435	390	335	280	220	-	-	-
65	1365	645	670	690	675	660	630	605	570	525	485	425	375	315	240	-	-
70	1445	730	785	775	765	745	720	690	660	615	570	515	460	400	325	260	-
75	1545	820	880	870	855	840	810	785	750	705	660	605	550	495	420	350	275

Notes:

- <sup>1</sup> The distances have not been modified to account for sign legibility.
- <sup>2</sup> Typical conditions are locations where the road user must use extra time to adjust speed and change lanes in heavy traffic because of a complex driving situation. Typical signs are Merge and Right Lane Ends. The distances are taken from the 2004 AASHTO Policy, Exhibit 3-3, Decision Sight Distance, Avoidance Maneuver E.
- <sup>3</sup> Typical condition is the warning of a potential stop situation. Typical signs are Stop Ahead, Yield Ahead, Signal Ahead, and Intersection Warning signs. The distances are taken from the 2004 AASHTO Policy, Stopping Sight Distance, Exhibit 3-1.
- <sup>4</sup> Typical conditions are locations where the road user must decrease speed to maneuver through the warned condition. Typical signs are Turn, Curve, Reverse Turn, or Reverse Curve. The distances are determined by providing a 2.5 second PRT and a vehicle deceleration rate of 10 ft/second<sup>2</sup>.
- <sup>5</sup> Typical signs are Added Lane, Road Narrows, Divided Highway, and Condition B signs displayed without an advisory speed.

**Section 2C.07      Horizontal Alignment Signs (W1-1 through W1-5, W1-11, W1-15)**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

00A      **If Table 2C-5 indicates that a horizontal alignment sign (see Figure 2C-1) is required, recommended, or allowed, the sign installed in advance of the curve shall be a Curve (W1-2) sign unless a different sign is required, recommended, or allowed by the provisions of this Section.**

00B      **A Turn (W1-1) sign shall be used instead of a Curve sign in advance of curves that have advisory speeds of 30 mph or less (see Figure 2C-2).**

**Option:**

00C      Where the legal speed limit is 30 MPH and the advisory speed is higher than the speed limit, a horizontal alignment sign, if used, may be either the Turn (W1-1) or Curve (W1-2) sign.

**Guidance:**

00D      *Signs are not required, and normally should not be used, for curves having advisory speeds more than five mph above the legal and 85<sup>th</sup>-percentile speeds.*

**Standard:**

00E      **Where the advisory speed is less than the legal speed limit, the horizontal alignment sign shall be supplemented with an Advisory Speed plaque (see Section 2C.08).**

00F      **Where the advisory speed is greater than the legal speed limit, an Advisory Speed plaque shall not be used.**

**Option:**

00G      Where the advisory speed is equal to the legal speed limit, an Advisory Speed plaque may be used.

00H      If the change in horizontal alignment is 135 degrees or more, the Hairpin Curve (W1-11) sign (see Figure 2C-1) may be used instead of a Curve or Turn sign. If the change in horizontal alignment is approximately 270 degrees, such as on a cloverleaf interchange ramp, the 270-degree Loop (W1-15) sign (see Figure 2C-1) may be used instead of a Curve or Turn sign.

**Guidance:**

00I      *When the Hairpin Curve sign or the 270-degree Loop sign is installed and the advisory speed is equal to or 5 MPH above the legal speed limit, either a One-Direction Large Arrow (W1-6) sign or Chevron Alignment (W1-8) signs should be installed on the outside of the curve.*

**Standard:**

00J      **Curves in the same direction separated by 200 feet or more shall be signed separately, except as provided elsewhere in this section. Curves in opposite directions separated by more than 600 ft shall be signed separately.**

**Option:**

- 00K Two curves in the same direction separated by less than 200 feet may be considered a single curve having an advisory speed equal to the lower of the two curves.

**Support:**

- 00L Separate signing of two curves in the same direction separated by less than 200 feet is preferable where the first curve is long and has an advisory speed higher than the second curve.
- 00M Separate signing of two curves in opposite directions separated by 600 feet or less is preferable where the first curve is long and has an advisory speed higher than the second curve. Separate signing may also be preferable where the distance between curves is more than 400 ft.

**Option:**

- 00N The Winding Road sign may be used where warning is required for a series of three or more curves, generally alternating in direction and separated by distances of 600 feet or less.

**Standard:**

- 00O **Where a Winding Road sign is needed, the W1-5L sign shall be used where the first curve in the series is to the left, and the W1-5R sign shall be used where the first curve in the series is to the right.**
- 00P **The advisory speed used with a Reverse Turn (W1-3), Reverse Curve (W1-4), or a Winding Road (W1-5) sign shall be the lowest advisory speed of any curve in the series, except as provided below.**

**Option:**

- 00Q Each Winding Road sign in advance of, and within, the curve series may be supplemented with a Next Distance (W16-4p) plaque (see Section 2C.55) stating the distance to the end of the series.
- 00R Within the series of curves, appropriate Turn, Curve, Reverse Turn, and Reverse Curve signs may be used for individual curves, or curve combinations, having advisory speeds significantly lower than the other curves in the series.

**Guidance:**

- 00S *An appropriate Turn, Curve, Reverse Turn, or Reverse Curve sign should be placed following an individually-signed curve, or curve combination, to provide warning for the remaining curves in the series. Advisory speeds for the portions of the series which precede and follow any individually-signed curve, or curve combination, should be determined independently.*

**Section 2C.08 Advisory Speed Plaque (W13-1P)**

*INSERT the following paragraphs:*

**Standard:**

- 03A **The Advisory Speed plaque shall be used where the advisory speed is below the legal speed limit.**

- 03B **The Advisory Speed plaque shall not be used where the advisory speed exceeds the legal speed limit.**

Support:

- 03C Where the text is more restrictive than what is shown in Table 2C-5, the text takes precedence.

**Section 2C.10 Combination Horizontal Alignment/Advisory Speed Signs (W1-1a, W1-2a)**

*DELETE Paragraph 04.*

*INSERT the following paragraph:*

**Standard:**

- 03A **If used, the Combination Horizontal Alignment/Advisory Speed sign shall display the same advisory speed as the Advisory Speed plaque in the Horizontal Warning Sign assembly at the advance warning location.**

**Section 2C.14 Advisory Exit and Ramp Speed Signs (W13-2 and W13-3)**

*DELETE Paragraphs 04, 07, 08, and Figure 2C-3.*

*INSERT the following paragraphs and Figure NY2C-3:*

*Guidance:*

- 05A *The Advisory Ramp Speed sign should be used only on a ramp that is not an exit ramp, or on an exit ramp for a curve that is downstream of the initial curve.*

*Option:*

- 06A Where there is a need to remind road users of the recommended advisory speed, a Combination Horizontal Alignment/Advisory Speed sign (W1-1a or W1-2a) sign may be installed at or beyond the beginning of the exit curve or on the outside of the curve, provided that it is obvious that the sign applies only to exiting traffic. These signs may also be used at intermediate points along the ramp, especially if the ramp curvature changes and the subsequent curves on the ramp have a different advisory speed than the initial exit curve.

*Support:*

- 06B Figure NY2C-3 shows an example of advisory speed signing for an exit ramp.

### **Section 2C.15      Combination Horizontal Alignment/Advisory Exit and Ramp Speed Signs (W13-6 and W13-7)**

*DELETE Paragraph 01.*

*INSERT the following paragraphs:*

Option:

- 00A      A horizontal alignment sign (see Section 2C.07) may be combined with an Advisory Exit Speed or Advisory Ramp Speed sign to create a combination Horizontal Alignment/Advisory Exit Speed (W13-6) sign or a combination Horizontal Alignment/Advisory Ramp Speed (W13-7) sign (see Figure 2C-1). The combination Horizontal Alignment/Advisory Exit Speed sign may be used where the severity of the exit ramp curvature may not be apparent to road users in the deceleration lane or where the curvature needs to be specifically identified as being on the exit ramp rather than on the mainline. The combination Horizontal Alignment/Advisory Ramp Speed sign may be used on a ramp that is not an exit ramp, or for a curve that is on an exit ramp and is downstream of the initial curve.
- 00B      If a combination Horizontal Alignment/Advisory Exit Speed sign or combination Horizontal Alignment/Advisory Ramp Speed sign is used, an Advisory Exit Speed Sign (W13-2), Advisory Ramp Speed Sign (W13-3), or Horizontal Alignment sign (see Section 2C.07) is not required for the same curve.

### **Section 2C. 24      Freeway or Expressway Ends Signs (W19 Series)**

*DELETE Paragraph 04.*

*INSERT the following paragraph:*

*Guidance:*

- 03A      *If the freeway ends, and all traffic must use an exit ramp to leave the freeway, an ALL TRAFFIC MUST EXIT (W19-5) sign and an ALL TRAFFIC EXIT 1 MILE (NYW9-21) sign (see Section 2C.122) should be used in addition to the Freeway Ends signs in advance of the downstream end of the freeway.*

### **Section 2C.26      DEAD END/NO OUTLET Signs (W14-1, W14-1a, W14-2, W14-2a)**

*INSERT the following paragraphs:*

*Guidance:*

- 06A      *One W14-1 sign placed near the beginning of the dead end portion of the street is generally sufficient for short dead end streets in residential areas and where traffic speeds are low.*

Option:

- 06B      On long dead end roads, one or more additional W14-1 signs may be placed before the end of the road.

## **Section 2C.27      Low Clearance Signs (W12-2 and W12-2a)**

*DELETE the entire section.*

*INSERT the following paragraphs:*

### **Standard:**

00A      **The W12-2a sign shall not be used in New York.**

### **Option:**

00B      The Low Clearance (W12-2) sign may be used to warn of overhead bridges and elevated structures which are posted with Regulatory Clearance (NYR5-6 and NYR5-7) signs (see Section 2B.108).

### *Guidance:*

00C      *The Low Clearance sign should be used on the immediate approach to the bridge or elevated structure.*

### **Option:**

00D      Additional Low Clearance signs may be used, as necessary, along the highway on which the low clearance is located.

### *Guidance:*

00E      *Where additional Low Clearance signs are used, they should be placed at locations where affected traffic can detour or conveniently turn around. They should also be placed immediately beyond intersections where affected vehicles might enter the highway on which the low clearance is located.*

00F      *Low Clearance signs more than 1000 feet from the low clearance structure should be supplemented with Distance plaques (see Section 2C.55) stating the distance to the structure.*

00G      *The Low Clearance sign should not be used on highways intersecting the highway on which the low clearance is located.*

### **Standard:**

00H      **The clearance displayed on the Low Clearance sign shall be the same as that on the Regulatory Clearance sign (or signs) to which it pertains.**

00I      **Where separate low clearances are posted for individual lanes with NYR5-7 signs, the clearance displayed on the Low Clearance sign shall be the lowest of the values posted.**

### **Option:**

00J      If separate Low Clearance signs are placed over each lane, each may display the low clearance pertaining to that lane.

**Section 2C.28      BUMP and DIP Signs (W8-1, W8-2)**

*DELETE Paragraph 01.*

*INSERT the following paragraphs:*

*Guidance:*

- 00A      *The BUMP (W8-1) and DIP (W8-2) signs (see Figure 2C-6) should be used to warn of isolated bumps or dips in the pavement which are sufficiently abrupt to cause considerable discomfort, cargo shifting, or deflection of a vehicle from its true course, at prevailing driving speeds.*
- 00B      *These signs should not be used where the Rough Road (W8-8) sign is appropriate (see Section 2C.32).*

**Section 2C.29      SPEED HUMP Sign (W17-1)**

*DELETE Paragraph 04.*

*INSERT the following paragraphs:*

*Option:*

- 03A      The legends SPEED BUMP, RAISED CROSSWALK, and RAISED INTERSECTION may be used instead of the legend SPEED HUMP on the W17-1 sign.

**Standard:**

- 03B      **If the legend RAISED CROSSWALK or RAISED INTERSECTION is used on the W17-1 sign, the 24" sign shall have three-inch series C text, the 30" sign shall have four-inch series C text, and the 36" sign shall have five-inch series C text.**

**Section 2C.31      Shoulder Signs (W8-4, W8-9, W8-17, W8-23, and W8-25)**

*INSERT the following paragraph:*

*Guidance:*

- 07A      *Where a shoulder condition exists for a distance of 1000 feet or longer, the W8-4, W8-9, W8-17 and W8-23 signs should be supplemented with a Distance plaque (see Section 2C.55). Where additional signs are placed within 1000 feet of the end of the shoulder condition, the Distance plaque should be omitted.*

**Section 2C.32      Surface Condition Signs (W8-5, W8-7, W8-8, W8-11, W8-13, and W8-14)**

*INSERT the following paragraphs:*

*Guidance:*

- 01A      *The Slippery When Wet (W8-5) sign without a supplemental plaque or with the WHEN WET (W8-5P) plaque should be used only where skid resistance is significantly below that normally associated with the particular type of pavement, or where there is evidence of unusual wet pavement skidding.*
- 01B      *The ICE (W8-5aP) plaque should be used only where it has been determined that recurrent pavement icing in an isolated section of otherwise clear roadway constitutes an unusual hazard. The ICE (W8-5aP) plaque is not intended for use in conjunction with normal wintertime storm-related snow or ice conditions.*
- 01C      *Where used, the ICE (W8-5aP) plaque and BRIDGE ICES BEFORE ROAD (W8-13) sign should be displayed only during periods when icing is likely to occur. Variable message or part-time signs should be considered for locations subject to periodic posting.*

*Guidance:*

- 07A      *Where a surface condition exists for a distance of 1000 feet or longer, the W8-5, W8-7, W8-8, W8-11, and W8-14 signs should be supplemented with a Distance plaque (see Section 2C.55). Where additional signs are placed within 1000 feet of the end of the surface condition, the Distance plaque should be omitted.*
- 07B      *Surface Condition signs should be removed when the condition no longer exists.*

**Section 2C.33      Warning Signs and Plaques for Motorcyclists (W8-15, W8-15P, and W8-16)**

*INSERT the following paragraph:*

*Guidance:*

- 02A      *Where the grooved, textured, or brick pavement exists for a distance of 1000 feet or longer, the W8-15 sign should be supplemented with a Distance plaque (see Section 2C.55). Where additional signs are placed within 1000 feet of the end of the pavement condition, the Distance plaque should be omitted.*

**Section 2C.34      NO CENTER LINE Sign (W8-12)**

*INSERT the following paragraph:*

*Guidance:*

- 01A      *Where the center line does not exist for a distance of 1000 feet or longer, the W8-12 sign should be supplemented with a Distance plaque (see Section 2C.55). Where additional signs are placed within 1000 feet of the end of the no center line condition, the Distance plaque should be omitted.*

**Section 2C.35      Weather Condition Signs (W8-18, W8-19, W8-21, and W8-22)**

*DELETE paragraph 01.*

*INSERT the following paragraphs:*

*Option:*

- 00A      *The ROAD MAY FLOOD (W8-18) sign (see Figure 2C-6) may be used, as necessary, to warn of a roadway section which remains passable, but is covered by water which requires greatly reduced travel speed and/or obscures a significant length of pavement.*

*Guidance:*

- 00B      *The ROAD MAY FLOOD sign should be used only where the roadway remains, or is expected to remain, passable during its flooded condition. Where a roadway is, or is expected to become, impassable, it should be closed and suitably posted with ROAD CLOSED (R11-2) signs (see Section 2C.58).*

**Section 2C.36      Advance Traffic Control Signs (W3-1, W3-2, W3-3, W3-4)**

*INSERT the following paragraphs:*

*Guidance:*

- 01A      *Both the need for, and the placement of, the Signal Ahead sign should be based on the distances in Table 4D-2.*
- 01B      *Both the need for, and the placement of, the Stop Ahead and Yield Ahead signs should be based on the distances in Table NY2C-4.*

**Section 2C.38      Reduced Speed Limit Ahead Signs (W3-5, W3-5a)**

*INSERT the following paragraph:*

**Standard:**

- 03A      **The W3-5a sign shall not be used in New York.**

**Section 2C.39      DRAW BRIDGE Sign (W3-6)***Guidance:*

- 03A      *Where the DRAW BRIDGE (W3-6) sign is supplemented with a flashing beacon, the operation of the beacon should be coordinated with the operation of the bridge so that drivers seeing the beacon operating can expect to be stopped at the bridge; drivers seeing the beacon inoperative (or ceasing operation) should expect to proceed without being stopped at the bridge.*

**Section 2C.40      Merge Signs (W4-1, W4-5)**

*DELETE Paragraph 02.*

*INSERT the following paragraph:*

*Guidance:*

- 03A      *Merge signs (W4-1, W4-5) should not be used on a minor roadway or entrance ramp where such roadway or ramp merges with a major roadway.*

**Section 2C.42      Lane Ends Signs (W4-2, W9-1, W9-2)**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

- 00A      **The Lane Ends (W4-2) sign (see Figure 2C-8) shall be used to warn of the reduction in the number of traffic lanes in the direction of travel on a multilane highway.**
- 00B      **The RIGHT (LEFT) LANE ENDS (W9-1) sign (see Figure 2C-8) shall be installed in advance of the Lane Ends sign as an additional warning, and to emphasize that the traffic lane is ending and that a merging maneuver will be required.**
- 00C      **The Single Lane Merge (NYW3-11) sign (see Sign Drawing SD-W4) shall be used at, or in advance of, locations where two lanes merge into a single lane and the transition involves, or appears to involve, both sides of the approach.**
- 00D      **The W9-2 sign shall not be used in New York.**

*Option:*

- 00E      *The SINGLE LANE (NYW3-14) sign (see Sign Drawing SD-W4) may be used in advance of the NYW3-11 sign to provide advance warning.*

*Guidance:*

- 00F      *The Lane Ends sign should be installed at the point where the lane taper begins (i.e., the last point of full width).*

00G *The RIGHT (LEFT) LANE ENDS sign should be installed in accordance with Condition A in Table NY2C-4.*

00H *Lane-Reduction Arrow pavement markings should be installed in accordance with Section 3B.20 and Figure NY3B-14.*

**Support:**

00I Section 3B.09 contains information regarding the use of pavement markings in conjunction with a lane reduction.

**Guidance:**

00J *Where an extra lane has been provided for slower moving traffic (see Section 2B.21), a Lane Ends (W4-2) sign should be installed in advance of the downstream end of the extra lane.*

00K *Lane Ends signs should not be installed in advance of the downstream end of an acceleration lane.*

**Standard:**

00L **In dropped lane situations, regulatory signs (see Section 2B.20) shall be used to inform road users that a through lane is becoming a mandatory turn lane. Lane Ends signs shall not be used in dropped lane situations.**

**Section 2C.46 Intersection Warning Signs (W2-1 through W2-8)**

*DELETE Paragraph 04.*

*INSERT the following paragraphs:*

**Guidance:**

00A *The use of Intersection Warning signs should be limited to intersections where there is insufficient visibility, or where motorists must exercise more than normal caution.*

**Support:**

00B Sight distance between vehicles approaching and vehicles waiting at an intersection is a basic consideration in determining the need for an Intersection Warning sign. However, accident experience and other factors, such as unusual geometry, are also important considerations. Engineering judgment should prevail in determining the need for Intersection Warning signs.

**Guidance:**

00C *Figure 2C-101 should be used as a guide in deciding if an Intersection Warning sign should be installed. It expresses the significance of intersection visibility in terms of sight distance along the highway and 85<sup>th</sup> percentile approach speed.*

**Standard:**

00D **A plotted point in the red area below the lower curve indicates an intersection approach with critically limited sight distance, and an Intersection Warning sign shall be used except at otherwise specified in this section.**

*Guidance:*

- 00E *A plotted point in the white area above the upper curve indicates an intersection approach with more than adequate sight distance, and, except where unusual conditions require otherwise, an Intersection Warning sign should not be used.*

*Option:*

- 00F A plotted point in the yellow area between the upper and lower curves indicates an intersection approach that has less than desirable sight distance, but is not critically limited, and an Intersection Warning sign may be used where other factors indicate a need.

*Option:*

- 01A The Side Road (NYW2-8) symbol sign (see Sign Drawing SD-W2) may be installed in advance of an intersection where the side road enters the main roadway at an acute angle.

*Option:*

- 03A An educational plaque (see Figure 2C-9) with the legend ROUNDABOUT (W16-17P) may be mounted below a Circular Intersection symbol sign.

**Standard:**

- 03B **The TRAFFIC CIRCLE (W16-12p) plaque shall not be used on an approach to a roundabout in New York.**

*Guidance:*

- 08A *Intersection Warning signs should not ordinarily be used on intersection approaches where Junction or Advance Route Turn assemblies (see Sections 2D.30 and 2D.31) or Destination signs (see Section 2D.37) are used.*

*Guidance:*

- 09A *The W2-1 sign should be used where two roads intersect from opposite sides and the distance between the intersections is less than 30 feet. The W2-7 sign should be used where the distance between intersections is 30 to 250 feet. Where the distance between the intersections is more than 250 feet, the intersections should be considered independently and, if appropriate, signed separately.*

**Section 2C.49      Vehicular Traffic Warning Signs (W8-6, W11-1, W11-5, W11-5a, W11-8, W11-10, W11-11, W11-12P, W11-14, W11-15, and W11-15a)**

*INSERT the following paragraphs:*

*Option:*

- 01A The All-Terrain Vehicle (NYW5-18 and NYW5-19) signs (see Sign Drawing SD-W17) may also be used as Vehicular Traffic Warning signs.

**Standard:**

- 01B **The TRUCK CROSSING (W8-6) sign shall not be used in New York.**

*Guidance:*

- 03A *Vehicular Traffic Warning signs should not be used for crossings at intersections, or for crossings for which other crossing signs have been installed.*

**Section 2C.50      Nonvehicular Warning Signs (W11-2, W11-3, W11-4, W11-6, W11-7, W11-9, and W11-16 through W11-22)**

*INSERT the following paragraphs:*

Option:

- 01A      The Wild Horse (W11-22) symbol sign may be used wherever riderless horses are likely to be crossing the highway, whether or not they are wild.

Guidance:

- 02A      *Nonvehicular Warning signs should not be used: in advance of crossings where traffic is controlled by traffic control signals; where traffic on the approach is controlled by a STOP sign, YIELD sign, or flashing red signal at the crossing location; or on the same approach with an Intersection Warning sign (see Section 2C.46).*
- 02B      *The W11-4, W11-7, W11-17, 11-19, and W11-22 signs should only be used to warn of well-defined crossings where farm or ridden animals regularly cross a highway.*
- 02C      *The W11-3, W11-16, W11-18, W11-20 and W11-21 signs should be used only after wildlife crossing locations or sections have been carefully determined and there is evidence, such as wildlife accidents or local wildlife sightings, that motorist warning is necessary. The regional wildlife manager of the Department of Environmental Conservations should be consulted in determining locations where wildlife crossing signs would be appropriate.*

Guidance:

- 04A      *The diagonal downward pointing arrow (W16-7P) plaque should not be used with W11-16, W11-17, W11-18, W11-19, W11-20, or W11-21 signs, or with other signs in this series where road crossing locations are unpredictable.*

**Section 2C.55      Distance Plaques (W16-2 series, W16-3 series, W16-4P, W7-3aP)**

*INSERT the following paragraph:*

Guidance:

- 02A      *Distances shown on a Supplementary Distance plaque should be:*
- A. *To the nearest 100 feet, if less than 1000 feet;*
  - B. *To the nearest quarter mile, if less than one mile;*
  - C. *To the nearest half mile if between one mile and three miles; and*
  - D. *To the nearest whole mile, if more than three miles.*

**Section 2C.56      Supplemental Arrow Plaques (W16-5P, W16-6P)**

*INSERT the following paragraph:*

Standard:

- 01A      **Supplemental Arrow Plaques shall not be used with W20 series construction warning signs for work on an intersecting street.**

**Section 2C.61      Photo Enforced Plaque (W16-10P)**

*INSERT the following paragraph:*

**Standard:**

- 01A      **The PHOTO ENFORCED (W16-10aP) word message plaque shall not be used in New York.**

**Section 2C.101      ONE LANE ROAD Sign (NYW3-15)****Standard:**

- 01      **The ONE LANE ROAD (NYW3-15) sign (see Sign Drawing SD-W4) shall be used on two-lane, two-way highways to warn of locations where alternate one-way operation in one lane is in effect. The ONE LANE ROAD sign shall not be used where the ONE LANE BRIDGE (W5-3) sign (see Section 2C.21) is applicable.**

**Guidance:**

- 02      *The ONE LANE ROAD sign should be used on two-lane, two-way highways where roadway width reduces to less than 16 feet.*
- 03      *Where a Signal Ahead (W3-3) sign (see Section 2C.36) and a ONE LANE ROAD sign are needed for the same location, the ONE LANE ROAD sign should be placed in advance of the Signal Ahead sign.*

**Section 2C.102      Pass Left Or Right Sign (NYW3-4)****Option:**

- 01      **The Pass Left or Right (NYW3-4) sign (see Sign Drawing SD-W3) may be used in advance of the Double Arrow (W12-1) sign (see Section 2C.25) to warn of loading and refuge islands, traffic islands with curbs, and other obstructions in the roadway where traffic may pass on either side.**

**Section 2C.103      Advance Load Signs (NYW3-19, NYW3-30, NYW3-31a, NYW3-31b)****Option:**

- 01      **The 5 TON BRIDGE (NYW3-19), 10 TON WEIGHT LIMIT (NYW3-30), NO R PERMIT TRUCKS (NYW3-31a), and NO R PERMIT TRUCKS W (NYW3-31b) signs (see Sign Drawing SD-W5) may be used to warn of bridges, elevated structures, or highways where weight restrictions are in effect.**
- 02      **The 5 TON BRIDGE sign may be used in conjunction with weight limit signs (see Section 2B.59) indicating the safe capacity of bridges or elevated structures.**
- 03      **The 10 TON WEIGHT LIMIT sign may be used in conjunction with weight limit signs posting weight restrictions established by order, ordinance, rule, or regulation.**

04 The NO R PERMIT TRUCKS sign may be used to warn of bridges or elevated structures which vehicles operating pursuant to overweight permits having structure use restrictions (known as “R” permits) are not allowed to use.

05 The NO R PERMIT TRUCKS W sign may be used to warn of bridges or elevated structures which vehicles operating pursuant to overweight permits having structure use restrictions (known as “R” permits) are allowed to use.

*Guidance:*

06 *Where used, the 5 TON BRIDGE, NO R PERMIT TRUCKS, and NO R PERMIT TRUCKS W signs should be used on the immediate approaches to the bridge.*

07 *Where used, the 10 TON WEIGHT LIMIT sign should be used at locations where affected traffic can detour or conveniently turn around in advance of a highway section on which a weight restriction has been established.*

08 *5 TON BRIDGE, 10 TON WEIGHT LIMIT, NO R PERMIT TRUCKS, and NO R PERMIT TRUCKS W signs placed more than 1000 feet in advance of the bridge or restricted highway section should be supplemented with Distance plaques (see Section 2C.55) stating the distance to the bridge or restriction.*

09 *5 TON BRIDGE, 10 TON WEIGHT LIMIT, NO R PERMIT TRUCKS, and NO R PERMIT TRUCKS W signs should not be used on highways intersecting the highway or touring route on which the bridge or restriction is located.*

*Option:*

10 Additional 5 TON BRIDGE, NO R PERMIT TRUCKS, and NO R PERMIT TRUCKS W signs may be used, as necessary, along the highway or touring route on which the bridge is located.

11 The 10 TON WEIGHT LIMIT sign may also be used on the immediate approaches to the restricted highway section.

*Guidance:*

12 *Where the 5 TON BRIDGE, NO R PERMIT TRUCKS, and NO R PERMIT TRUCKS W signs are used in advance of the bridge, they should be placed at locations where affected traffic can detour or conveniently turn around.*

*Option:*

13 Additional 5 TON BRIDGE, 10 TON WEIGHT LIMIT, NO R PERMIT TRUCKS, and NO R PERMIT TRUCKS W signs may be placed immediately beyond intersections where affected vehicles might enter the highway or touring route on which the bridge or weight restriction is located.

**Standard:**

14 **The loads displayed on the 5 TON BRIDGE and 10 TON WEIGHT LIMIT signs shall be the same as the weight limits displayed on the R12 series sign with which they are associated.**

**Section 2C.109     SLIDES Sign (NYW4-15)**

## Option:

- 01     The SLIDES (NYW4-15) sign (see Sign Drawing SD-W12) may be used, as necessary, to warn of roadway sections where slides of soil, rock, or other material may obstruct the roadway or shoulder, or otherwise affect normal traffic flow.

## Guidance:

- 02     *The SLIDES sign should be removed when the condition stabilizes, or is corrected, and future incidents involving slides are considered unlikely.*
- 03     *The SLIDES sign should be supplemented with a Distance plaque (see Section 2C.55) where the roadway section is 1000 feet or longer. Additional SLIDES signs, supplemented with Distance plaques stating the distance to the end of the section, should be placed at suitable locations (for example, beyond intersections), and at appropriate intervals, in long sections. Where such additional sign is placed within 1000 feet of the end of the section, the Distance plaque should be omitted.*

**Section 2C.110     MINIMUM MAINTENANCE ROAD Sign (NYW4-16)**

## Option:

- 01     The MINIMUM MAINTENANCE ROAD (NYW4-16) sign (see Sign Drawing SD-W13) may be used to warn that a lower than normal level of maintenance is being provided on a highway or highway section.

## Support:

- 02     The Local Roads Research and Coordination Council's publication, *Guidelines for Rural Town and County Roads*, contains standards for the maintenance of such roads.

## Guidance:

- 03     *The MINIMUM MAINTENANCE ROAD sign should be used only where all of the following conditions exist:*
- A. *The road is in a rural area;*
  - B. *The average traffic volume is 50 vehicles per day or less;*
  - C. *The road's principal or exclusive function is to provide access to farm and/or recreational lands; and*
  - D. *The road does not provide the only highway access to any business, residence, or center of farm operation.*
- 04     *Where the minimum maintenance road (or road section) is long, additional signs should be placed so that motorists will encounter a sign at least once every two miles.*
- 05     *Additional MINIMUM MAINTENANCE ROAD signs should be placed on the minimum maintenance road immediately after intersecting roads.*

Option:

- 06 The MINIMUM MAINTENANCE ROAD sign may be supplemented with a Distance plaque (see Section 2C.55) where the minimum maintenance road (or road section) is 1000 feet long or longer.

### **Section 2C.111 RUMBLE STRIPS Sign (NYW4-17)**

Option:

- 01 The RUMBLE STRIPS (NYW4-17) sign (see Sign Drawing SD-W14) may be used, as necessary, to warn of roadway sections where rumble strips have been installed.

### **Section 2C.112 CHILDREN AT PLAY Sign (NYW7-4)**

Option:

- 01 The CHILDREN AT PLAY (NYW7-4) sign (see Sign Drawing SD-W19) may be used, as necessary, to warn of an area where children customarily play.

*Guidance:*

- 02 *Use of the CHILDREN AT PLAY sign should be limited to locations where, because of unusual conditions, motorists might not expect children playing in the vicinity of the roadway. The CHILDREN AT PLAY sign should not be used on highways where obvious residential development alerts motorists to the possibility of children at play.*

### **Section 2C.113 DEAF CHILD AREA and BLIND CHILD AREA Signs (NYW7-6, NYW7-7)**

Option:

- 01 The DEAF CHILD AREA (NYW7-6) and BLIND CHILD AREA (NYW7-7) signs (see Sign Drawing SD-W20) may be used where it is necessary to warn motorists to be especially alert for a child who may be unable to hear normal traffic sounds and respond to audio warnings, or a child who may be unable to perceive approaching traffic.

*Guidance:*

- 02 *The DEAF CHILD AREA and BLIND CHILD AREA signs should not be used without the consent of the child's parents or legal guardian. The authority having jurisdiction over the highway on which these signs are placed should keep informed about the residences, areas of activity, and ages of the children involved, so that signs can be promptly removed when they are no longer needed.*

### **Section 2C.114 LOW FLYING PLANES Sign (NYW7-8)**

Option:

- 01 The LOW FLYING PLANES (NYW7-8) sign (see Sign Drawing SD-W21) may be used, as necessary, where aircraft frequently pass over a roadway at unusually low altitudes, sometimes startling motorists by their sudden appearance, noise, shadow, or landing lights.

**Section 2C.115     UNDERPASS Sign (NYW7-9)**

## Option:

- 01 The UNDERPASS (NYW7-9) sign (see Sign Drawing SD-W22) may be used, as necessary, to warn of underpasses which are not adequately visible to approaching traffic for sufficient distances and which, upon coming into view, may cause indecision regarding vertical or lateral clearance.

## Guidance:

- 02 *The UNDERPASS sign should not be used where:*
- A. *A ONE LANE BRIDGE, ONE LANE ROAD, or advance clearance sign (see Sections 2C.21, 2C.101, and 2C.27) is used in advance of the underpass; or*
  - B. *The underpass, upon coming into view, obviously has clearances in excess of critical values.*

**Section 2C.117     SMOKE Sign (NYW7-17)**

## Option:

- 01 The SMOKE (NYW7-17) sign (see Sign Drawing SD-W24) may be used, as necessary, to warn of locations where smoke from brush fires or forest fires drifts across the roadway.
- 02 The SMOKE sign may be supplemented with an Advisory Speed plaque (see Section 2C.08), where appropriate. Where smoke drifts intermittently across the road for a distance of 1000 feet or more, the SMOKE sign may be supplemented with a Distance plaque (see Section 2C.55).

## Guidance:

- 03 *The SMOKE sign should be removed as soon as the smoke is no longer present.*
- 04 *Where the SMOKE sign is supplemented with both a Distance plaque and an Advisory Speed plaque, the Distance plaque should be placed above the Advisory Speed plaque.*

**Section 2C.118     Bus Signs (NYW7-18, NYW7-19)**

## Option:

- 01 The BUSES (NYW7-18) and SLOW MOVING BUSES (NYW7-19) signs (see Sign Drawing SD-W25) may be used, as necessary, on parkways on which buses are allowed to operate. The BUSES sign may be used to provide general warning about the presence of buses; the SLOW MOVING BUSES sign may be used at upgrades and other locations where buses travel substantially slower than passenger cars.
- 02 The BUSES and SLOW MOVING BUSES signs may be supplemented with a Distance plaque (see Section 2C.55).

## Guidance:

- 03 *Where used, the BUSES sign should be placed on the main roadway of the parkway in advance of the section of parkway on which bus travel is permitted.*

- 04 *Where used, the SLOW MOVING BUSES sign should be placed in advance of the location where buses operate at low speeds.*

Option:

- 05 Additional BUSES signs may be placed at appropriate intervals within the section. Signs may also be placed on entrance ramps.
- 06 Where the section of parkway containing slow moving buses is long, additional SLOW MOVING BUSES signs may be placed within it.

**Section 2C.119     Safety Zone Sign (NYW9-5)**

Option:

- 01 The Safety Zone (NYW9-5) sign (see Sign Drawing SD-W34) may be used to warn of pedestrian safety zones established pursuant to Section 141 of the New York State Vehicle and Traffic Law.

Support:

- 02 Pedestrian safety zones are channelizing islands, established for pedestrian protection, where traffic may pass on either side. The Safety Zone sign is similar in function to the W12-1 sign (see Section 2C.25) as traffic is allowed to pass on either side of the island.

Guidance:

- 03 *Where traffic must pass on one side of the pedestrian safety zone, a Keep Right (R4-7) or Keep Left (R4-8) sign (see Section 2B.32) should be used.*
- 04 *Where used, the Safety Zone sign should be placed in the pedestrian safety zone, as close as practicable to the approach end, facing approaching traffic. It should be placed at a height of at least seven feet.*

**Section 2C.121     Overhead Warning Sign Assembly Sign (NYW9-20)**

Option:

- 01 The Overhead Warning Sign Assembly (NYW9-20) sign (see Sign Drawing SD-W36) may be used, as necessary, to provide additional emphasis and visual presence where standard warning signs are placed over the roadway.

Standard:

- 02 **The legend for the Overhead Warning Sign Assembly sign shall be the appropriate size standard warning sign.**

Guidance:

- 03 *Where an Advisory Speed plaque (see Section 2C.08) or Distance plaque (see Section 2C.55) is used with a warning sign other than a W1-1R or W1-2R Horizontal Alignment sign (see Section 2C.07), it should be placed to the right of the warning sign. Where used with a W1-1R or W1-2R sign, it should be placed to the left of the warning sign.*

- 04 *The distance between the corners of the warning sign and the border of the Overhead Warning Sign Assembly sign should be approximately one-quarter the side dimension of the warning sign.*
- 05 *Where an Advisory Speed plaque or Distance plaque is also used:*
- A. *The distance between the plaque and the warning sign should be approximately one-quarter the side dimension of the warning sign; and*
  - B. *The distance between the plaque and the side border of the Overhead Warning Assembly sign should be approximately three-quarters the height of the plaque.*

Option:

- 06 *The width of the Overhead Warning Assembly sign may be increased beyond that required to accommodate the warning signs where desirable for appearance or additional emphasis.*

## **Section 2C.122     Special Warning Signs (NYW9-21)**

Option:

- 01 *Special Warning (NYW9-21) signs (see Sign Drawing SD-W37) may be used to warn of special conditions for which no standard warning sign is applicable, or where overhead warning is desirable and available standard warning signs involve letter sizes deemed inadequate for overhead use in an Overhead Warning Assembly (NYW9-20) sign (see Section 2C.121.*

Guidance:

- 02 *The legend on a Special Warning sign should be brief and accurate, and should be limited to two lines where possible.*
- 03 *Distances displayed in legends should be:*
- A. *To the nearest 100 feet, if 1000 feet or less;*
  - B. *To the nearest quarter mile, if between 1000 feet and one mile;*
  - C. *To the nearest half mile, if between one and three miles; and*
  - D. *To the nearest whole mile, if more than three miles.*
- 04 *The Special Warning sign width should vary depending on the length of the legend. The vertical dimension of the sign should be:*
- A. *18 inches for single-line legends and 24 inches for two-line legends when the minimum size sign is used;*
  - B. *24 inches for single-line legends and 36 inches for two-line legends when the conventional road size sign is used;*
  - C. *30 inches for single-line legends and 48 inches for two-line legends when the expressway size sign is used; and*
  - D. *36 inches for single-line legends and 60 inches for two-line legends when the freeway size sign is used.*

Option:

- 05 *Where a legend too long for one Special Warning sign is unavoidable, additional signs may be placed in sequence.*

*Guidance:*

- 06 *Additional Special Warning signs placed in sequence should be carefully spaced to permit drivers adequate reading time without losing legend continuity, and without unsafely diverting their attention from the roadway.*

**Section 2C.123      BUS TURN Sign (NYW9-25)**

## Option:

- 01 The BUS TURN (NYW9-25) sign (see Sign Drawing SD-W38) may be used to warn of locations at which buses regularly turn around.

*Guidance:*

- 02 *The BUS TURN sign should be used only where terrain and roadway features limit approach sight distance and it is impractical to move the turning point to a more visible location.*

**Section 2C.124      SNOWPLOW TURN Sign (NYW9-26)**

## Option:

- 01 The SNOWPLOW TURN (NYW9-26) sign (see Sign Drawing SD-W39) may be used to warn of locations where snowplows regularly turn around.

*Guidance:*

- 02 *The SNOWPLOW TURN sign should be used only where terrain and roadway features limit approach sight distance and it is impractical to move the turning point to a more visible location.*

**Section 2C.125      BIRD NESTING AREA Sign (NYW7-20)**

## Option:

- 01 The BIRD NESTING AREA (NYW7-20) sign (see Sign Drawing SD-W26) may be used to warn motorists of bird nesting areas nearby. A Distance plaque (see Section 2C.55) may be displayed beneath the sign.

**Section 2C.126      Driveway Entrance Plaques (NYW5-16P, NYW5-17P)**

## Option:

- 01 Driveway Entrance (NYW5-16P, NYW5-17P) plaques (see Sign Drawing SD-W16) may be used to supplement Intersection Warning signs (see Section 2C.46) where it is necessary to warn of driveway entrances or crossings.

**Standard:**

- 02 **An Intersection Warning sign supplemented with a Driveway Entrance plaque shall be called a Driveway Entrance assembly.**
- 03 **Driveway Entrance plaques shall not be used alone.**

*Guidance:*

- 04 *Driveway Entrance assemblies should be used only where sight distance is critically limited and traffic conflict at the driveway location would not be expected, or where other conditions require warning for traffic safety.*
- 05 *Where a series of two or more similar driveways requires warning, one Driveway Entrance assembly should be used in advance of the first driveway in the series with the appropriate Intersection Warning sign (W2-1, W2-7, or W2-8).*
- 06 *The 24" x 12" (one-line) and 24" x 18" (two-line) plaques should be used to supplement 24" and 30" warning signs. The 36" x 18" (one-line) and 36" x 24" (two-line) plaques should be used to supplement 36" and 48" warning signs.*

*Option:*

- 07 Where appropriate, plural legends (e.g., "DRIVEWAYS" instead of "DRIVEWAY") may be displayed on the Driveway plaque, and, where the driveways are not all on the same side of the roadway, the W2-1 or W2-7 sign may be used in the Driveway Entrance assembly.

*Guidance:*

- 08 *Driveway Entrance assemblies should not normally be used for public highway intersections.*
- 09 *Part-time signs (see Section 2A.03) should be used in Driveway Entrance assemblies where the associated activity (e.g., a truck entrance or crossing) is periodic.*

*Option:*

- 10 Driveway Entrance assemblies may be used for public highway intersections where such use would be in the public interest, provided that:
- A. Other signs which would indicate the presence of the intersection are not used; and
  - B. The facility indicated on the Driveway plaque is the primary generator of traffic entering or leaving the roadway at the intersection.

**Standard:**

- 11 **A Driveway Entrance assembly shall not be used where a destination sign (see Section 2D.37) identifies the entrance, or where the entrance is signalized.**

**Section 2C.127     Sign Marker (NYW7-15)***Option:*

- 01 The Sign Marker (NYW7-15) (see Sign Drawing SD-W40) may be used to emphasize regulatory and warning signs, particularly newly-installed regulatory and warning signs.

**Standard:**

- 02 **The Sign Marker shall be fluorescent orange, fluorescent red-orange, fluorescent yellow, or fluorescent yellow-orange, and shall be retroreflective.**

*Guidance:*

- 03 *Where used with a regulatory sign, two Sign Markers should be placed side-by-side in a symmetrical pattern above the sign, either adjacent to one another, or separated.*
- 04 *Where used with a warning sign, two Sign Markers should be placed in a symmetrical pattern above the sign, either adjacent to one another above the upper corner, or separated and placed individually along the top edges of the sign.*

## CHAPTER 2D. GUIDE SIGNS --- CONVENTIONAL ROADS

### Section 2D.03 Color, Retroreflection, and Illumination

*INSERT the following paragraph:*

**Standard:**

- 02A **Signs containing yellow legends and brown backgrounds shall be allowed on the following guide signs when used on conventional highways within the Adirondack Park:**
- A. Auxiliary Signs for Alternative Routes (Section 2D.16)**
  - B. Advance Turn and Directional Arrow Auxiliary Signs (Sections 2D.26, 2D.27, 2D.28)**
  - C. Destination Signs (Section 2D.37)**
  - D. Distance Signs (Section 2D.41)**
  - E. Street Name Signs (Section 2D.43)**
  - F. Parking Area Guide Sign (Section 2D.47)**
  - G. PARK – RIDE Sign (2D.48)**
  - H. Community Wayfinding Signs (Section 2D.50)**
  - I. General Information Signs (I Series) (Section 2H.02) (excluding I1-1)**
  - J. Miscellaneous Information Signs (2H.04)**
  - K. Auto Tour Route Signs (Section 2H.07)**
  - L. Acknowledgment Signs (Section 2H.08)**
  - M. General Service Signs for Conventional Roads (Section 2I.02) (excluding D9-2, D9-6, D9-10, D9-13, D9-16, D9-21, NYM11-2, NYM11-5, and NYM11-6)**
  - N. Rest Area and Other Roadside Area Signs (Section 2I.05)**
  - O. Tourist Information and Welcome Center Signs (Section 2I.08)**
  - P. Tourist-Oriented Directional Signs (Chapter 2K)**
  - Q. Recreational and Cultural Interest Area Signs (Section 2M.04)**
  - R. Memorial or Dedication Signing (Section 2M.10)**
  - S. Historic Site Signs (Section 2H.101)**
  - T. Snowmobile Route Signs (Section 2D.104)**
  - U. All Terrain Vehicle Route Signs (Section 2D.105)**
  - V. New York State Heritage Signs (Section 2H.102)**
  - W. National Heritage Signs (Section 2H.103)**
  - X. Political Boundary Signs (Section 2H.104)**
  - Y. Watershed Signs (Section 2H.105)**

## Section 2D.11 Design of Route Signs

*DELETE Paragraphs 01,10,11, and the last sentence of Paragraph 13.*

*INSERT the following paragraphs:*

### **Standard:**

- 00A **The “Standard Highway Signs and Markings” book (see Section 1A.11) shall be used for the design of route signs. The designs of other route signs shall be established by the authority having jurisdiction, subject to review and approval of the New York State Department of Transportation.**

### **Standard:**

- 09A **The design of New York State Route (NYM3-1, NYM3-2, and NYM3-3) signs shall be as provided in Sign Drawing SD-G11.**
- 09B **The design of New York State Route signs when they are used as components of guide signs shall conform to the guidance provided in Paragraph 12.**

### **Standard:**

- 13A **The design of the three-digit County Route (NYM4-2) sign shall be as provided in Sign Drawing SD-G11.**

### *Guidance:*

- 17A *Route sign sizes should be determined in accordance with Table 2D-101.*

### *Option:*

- 17B Highway Facility (NYM5-1) signs (see Sign Drawing SD-G12) may be used to guide traffic to and along named highway facilities such as tunnels, bridges, and expressways.

### *Support:*

- 17C The use of Highway Facility signs is restricted to cases where the facility name or emblem provides genuine navigation information (e.g., Holland Tunnel). Highway Facility signs are for use in combinations and assemblies in the same manner as numbered route signs and within the faces of destination signs. Discussions of numbered route sign application also pertain to highway facility sign application.

### *Guidance:*

- 17D *Where a facility has both a name and route number, the numbered route sign should be used as the primary means of guidance.*

### *Option:*

- 17E Where a facility has both a name and route number, the Highway Facility sign may be used to supplement the numbered route sign.

### **Standard:**

- 17F **Highway Facility signs shall not be used for other than highway facilities. The design of all Highway Facility signs shall be subject to the review and approval of the New York State Department of Transportation.**

**Table 2D-101. Route Sign Sizes**

<b>Route Sign Sizes</b>				
<b>Sign Type</b>	<b>Sign Designation</b>	<b>Conventional</b>	<b>Expressway/Freeway</b>	<b>Oversized</b>
	M1-1	24" x 24"	36" x 36"	48" x 48"
	M1-1	30" x 24"	45" x 36"	60" x 48"
	M1-4	24" x 24"	36" x 36"	48" x 48"
	M1-4	30" x 24"	45" x 36"	60" x 48"
	NYM3-1	24" x 24"	36" x 36"	48" x 48"
	NYM3-2	30" x 24"	45" x 36"	60" x 48"
	NYM3-3	30" x 24"	45" x 36"	60" x 48"
	M1-6	24" x 24"	36" x 36"	48" x 48"
	NYM4-2	30" x 24"	45" x 36"	60" x 48"

## **Section 2D.26      Advance Turn Arrow Auxiliary Signs (M5-1, M5-2, and M5-3)**

*INSERT the following paragraph:*

Option:

- 03A      A Lane Designation auxiliary sign (see Section 2D.27) may be used as an Advance Turn Arrow auxiliary sign by substituting directional word legends such as “NEXT RIGHT”, “SECOND RIGHT”, “NEXT EXIT”, or “SECOND EXIT.”

## **Section 2D.29      Route Sign Assemblies**

*INSERT the following paragraphs:*

*Guidance:*

- 05A      *When a highway carries two or more routes, the route sign combinations in the assemblies should be arranged to present a symmetrical and balanced appearance to enable motorists to readily identify the route they desire to follow. Each combination should stand out as a separate unit.*
- 05B      *Route sign combinations in Junction, Advance Route Turn, and Directional assemblies should preferably be mounted side by side rather than one above the other. However, there should generally be no more than three route sign combinations in the same horizontal row. Confirming and Reassurance assemblies should preferably display route sign combinations one above the other rather than side by side.*

Option:

- 08A      Junction, Advance Route Turn and Directional assemblies may be installed overhead on the approaches to intersections (see Section 2A.17).

Support:

- 09A      Figure 2D-101 shows typical types of Route Sign assemblies.

## **Section 2D.34      Confirming or Reassurance Assemblies**

*DELETE Paragraph 02.*

*INSERT the following paragraphs:*

**Standard:**

- 01A      **A Confirming assembly shall be used on a numbered route beyond each intersection (or interchange) at which the route turns. A confirming assembly shall be used on a numbered route beyond each intersection (or interchange) where it is intersected or joined by another numbered route.**

*Guidance:*

- 01B      *A Confirming assembly should be installed 25 to 200 feet beyond the far shoulder or curb line of the intersected highway.*

04A *Reassurance assemblies should be placed near the state boundary.*

Support:

04B In urban areas, Reassurance assemblies may be necessary at two-block intervals, while in rural districts, spacing of one and one-half miles is more appropriate.

## **Section 2D.37      Destination Signs (D1 Series)**

*DELETE Paragraph 04.*

*INSERT the following paragraphs:*

Option:

02A In some cases, an action message such as “KEEP LEFT” or KEEP RIGHT” may communicate direction to motorists more clearly than an arrow. In such cases, an action message may be used instead of an arrow. When an action message is used, one additional destination may appear on the sign.

*Guidance:*

02B *An action message should be placed below the associated destination legend.*

**Standard:**

02C **When an action message is used on a destination sign, and an additional destination appears, a horizontal separator line the same width as the border shall separate the legends for the two destinations.**

02D **Where used, the action message legend shall be 4 inches high where the destination legend is 6 inches high. The action message legend shall be 6 inches high where the destination legend is 8 inches high. The action message legend shall be 8 inches high where the destination legend is 12 inches high.**

*Guidance:*

03A *The use of horizontal separator lines should be limited to instances where it is deemed necessary to emphasize the presence of independent messages appearing on the same sign face. On most Destination signs, adequate separation of destinations should be accomplished through the spacing of lines of legend.*

## **Section 2D.40      Location of Destination Signs**

*INSERT the following paragraphs:*

Support:

03A Although one Destination sign along an intersection approach is usually sufficient, a series of two or more signs along a multi-lane approach might better enable motorists to select the proper lane.

*Guidance:*

- 03B *Where a second destination sign is used along an intersection approach to enable proper lane selection, it should be placed between 800 and 1400 feet in advance of the intersection. Where a route sign Junction assembly is used, this sign should be placed between two hundred and four hundred feet in advance of the Junction assembly.*

*Option:*

- 03C *A supplemental Destination sign may be located on the far right corner of the intersection where the approach is controlled by a stop sign or flashing red signal indication. A supplemental Destination sign may be located on the far side of the stem of a 'T' intersection. If longitudinal space along the intersection approach is severely limited, this location may also be used as an alternative to the advance location on the intersection approach.*

**Section 2D.41      Distance Signs (D2 Series)**

*DELETE Paragraph 03.*

*INSERT the following paragraph:*

*Guidance:*

- 02A *The distance displayed for each destination should be the actual distance to the closest point of the destination over the route being signed.*

**Section 2D.43      Street Name Signs (D3-1 or D3-1a)**

*DELETE Paragraphs 06 and 20.*

*INSERT the following paragraphs:*

*Option:*

- 05A *For local roads with speed limits of 30 mph or less, the lettering on post-mounted Street Name signs may be composed of initial upper-case letters at least 4 inches in height and lower-case letters at least 3 inches in height.*

*Guidance:*

- 19A *Street Name signs should be placed at least on diagonally opposite corners of the intersection so that they will be on the far right side for traffic on the more important street. Street Name signs naming both streets should be installed at each intersection mounted parallel to the streets they name. The signs should be mounted as close to the intersection as practicable.*

## **Section 2D.45      Signing on Conventional Roads on Approaches to Interchanges**

*INSERT the following paragraphs:*

Guidance:

- 05A      *On Entrance Direction signs and Advance Entrance Direction signs, where the intersected facility has no route number, the name of the facility should be displayed as the top line of the sign legend.*

**Standard:**

- 05B      **Entrance Direction signs and Advance Entrance Direction signs shall not show the name of more than one destination in each direction of travel along the facility being intersected.**

## **Section 2D.52      Slow Vehicle Turn-Out Sign (D17-7)**

*DELETE Paragraph 02.*

*INSERT the following paragraph:*

**Standard:**

- 01A      **Regulatory signs shall not be used in conjunction with the Slow Vehicle Turn-Out sign.**

## **Section 2D.104      Snowmobile Route Sign (NYM7-1)**

**Standard:**

- 01      **The Snowmobile Route (NYM7-1) sign (see Sign Drawing SD-G14) shall be used on highways where snowmobiles are permitted to use the roadway, shoulder, or inside bank by official designation, in accordance with Section 25.05 of the Parks, Recreation and Historic Preservation Law.**

Support:

- 02      New York State law provides four types of permitted highway use for snowmobiles:
1. Operation of snowmobiles on highways customarily unplowed and unused for vehicular travel during winter months.
  2. Operation of snowmobiles on shoulders and inside banks of plowed highways.
  3. Operation of snowmobiles on roadways of plowed highways where the shoulder, inside bank, and outside bank are determined unusable.
  4. Operation of snowmobiles on sections of highways, not exceeding 1,500 feet in length, to allow access to areas or trails that are otherwise unreachable.

*Guidance:*

- 03 *Snowmobile Route signs should be displayed on a seasonal basis (see Section 2A.03).*

*Option:*

- 04 Although Snowmobile Route signs ordinarily need not be used where snowmobiles are permitted by statute on the outside bank, the signs may be desirable in some instances for guidance continuity.

**Standard:**

- 05 **All auxiliary signs supplementing the Snowmobile Route sign shall have white legends and green backgrounds.**

*Guidance:*

- 06 *Snowmobile Route signs should be used in combinations and assemblies similar to other route signs, except that Junction assemblies should not be used, and Advance Route Turn assemblies are normally unnecessary.*
- 07 *Snowmobile Route signs should be supplemented by the BEGIN (M4-14) auxiliary sign (see Section 2D.23) at the beginning of a route and the END (M4-6) auxiliary sign (see Section 2D.22) at the end of a route.*

*Support:*

- 08 Figures 2D-103 and 2D-104 show examples of signing for snowmobile routes.

*Option:*

- 09 A Snowmobile Route sign supplemented by a M6-4 Directional Arrow auxiliary sign may be used on a highway to identify a snowmobile trail crossing.

*Guidance:*

- 10 *Snowmobile route sign assemblies should be longitudinally located to clearly mark the permitted travel path. They should be placed in advance of and beyond route turns (in directional and confirming assemblies), at intersections with other snowmobile routes, and at intermediate locations, as necessary. The distance between successive signs along a route should be no more than 3000 feet. On unplowed highways, Snowmobile Route sign assemblies should be laterally placed three feet to the right of the edge of roadway or shoulder.*
- 11 *Where snowmobile operation is permitted on the shoulder and inside bank of a plowed highway, Snowmobile Route sign assemblies should be placed approximately 3 feet to the right of the crest of the snow bank. Where snowmobile operation is permitted on the roadway of a plowed highway, Snowmobile Route sign assemblies should be placed approximately three feet to the right of the roadway edge.*
- 12 *Signs used where operation is restricted to the outside bank should be placed a suitable distance to the right of the snow bank crest near the highway right-of-way line. Snowmobile Route sign assemblies should be at least seven feet above the ground surface.*

## **Section 2D.105     All Terrain Vehicle Route Signs (NYM17-1, NYM17-2)**

### **Standard:**

- 01 **All Terrain Vehicle Route (NYM17-1, NYM17-2) signs (see Sign Drawing SD-G14) shall be used on highways where all terrain vehicles are permitted by official designation, in accordance with Section 2405 of the Vehicle and Traffic Law.**

### *Guidance:*

- 02 *The sign used should be that which most clearly represents the type of all terrain vehicle using the route. The NYM17-1 sign should be used where trail bikes predominate, and the NYM17-2 sign should be used where four-wheeled all terrain vehicles are in the majority. The signs should not be intermixed within a route.*
- 03 *All Terrain Vehicle Route signs should be used in combinations and assemblies similar to other route signs, except that Junction assemblies should not be used, and Advance Route Turn assemblies are normally unnecessary.*

### **Standard:**

- 04 **All auxiliary signs supplementing the All Terrain Vehicle Route sign shall have white legends and green backgrounds.**

### *Guidance:*

- 05 *All Terrain Vehicle Route signs should be supplemented by the BEGIN (M4-14) auxiliary sign (see Section 2D.23) at the beginning of a route and the END (M4-6) auxiliary sign (see Section 2D.22) at the end of a route.*
- 06 *All Terrain Vehicle Route sign assemblies should be located to clearly mark the permitted travel path. They should be placed in advance of, and beyond, route turns (Directional and Confirming assemblies), at intersections with other all terrain vehicle routes, and at intermediate locations, as necessary. The distance between successive signs along a route should be no more than 3000 feet.*

### *Option:*

- 07 *An All Terrain Vehicle Route sign supplemented by a M6-4 Directional Arrow auxiliary sign may be used on a highway to identify an all terrain vehicle route crossing.*

## **Section 2D.107     Name Auxiliary Signs (NYM14-26, NYM14-27)**

### *Option:*

- 01 *Name (NYM14-26 and NYM14-27) auxiliary signs (see Sign Drawing SD-G21) may be used to supplement General Information symbol signs (see Chapter 2H) and Recreational and Cultural Interest Area symbol guide signs (see Section 2M.04). Name auxiliary signs may also be used in other instances where motorist guidance would be enhanced by the inclusion of a specific name in a route assembly.*

**Standard:**

- 02 **Where a Name auxiliary sign is used to supplement the Emergency Medical Services (see Section 2I.02) symbol sign, it shall contain the message HOSPITAL, AMBULANCE STATION, EMERGENCY MEDICAL CARE, or TRAUMA CENTER in accordance with the criteria given in Section 2I.02.**
- 03 **Where used, a Name auxiliary sign shall be placed above the sign which it supplements, unless text for a particular section requires placement in a different manner.**
- 04 **The lettering for names of places, streets and highways on Name Auxiliary signs shall be composed of a combination of lower-case letters with initial upper-case letters (see Section 2A.13).**

**Option:**

- 05 Where more than one hospital is in the vicinity of a Hospital (D9-2) symbol sign (see Section 2I.02), a Name auxiliary sign with the name of the hospital the symbol is referring to may also be used to supplement this symbol.

**Standard:**

- 06 **Name auxiliary signs shall have background and legend colors that match the colors in the sign they supplement.**

**Guidance:**

- 07 *Shortened names and/or abbreviations (“UNIV,” “COMM COL,” “MTN,” etc.) should be employed where necessary to allow the name to be placed within the standard size signs.*

**Option:**

- 08 If necessary, the width of a sign may be increased and/or series C lettering may be substituted in cases where the standard size sign is not wide enough to accommodate the name.

## CHAPTER 2E. GUIDE SIGNS --- FREEWAYS AND EXPRESSWAYS

### Section 2E.14 Size and Style of Letters and Signs

*INSERT the following paragraphs:*

*Guidance:*

- 09A *A cardinal direction should be placed to the right of its associated route shield, except on signs that are part of a diagrammatic sign sequence.*
- 09B *When multiple shields appear on the same line, the cardinal direction associated with each shield should be placed above its associated shield(s).*

### Section 2E.18 Symbols

*INSERT the following paragraph:*

*Guidance:*

- 03A *The display of educational plaques should generally be limited to a period of three years from the time a particular symbol is introduced in an area. After this period, installation of that particular plaque should be discontinued, although it need not be removed if it is still serviceable.*

### Section 2E.31 Interchange Exit Numbering

*DELETE Paragraph 09.*

*INSERT the following paragraphs:*

*Support:*

- 04A *New York currently uses the consecutive exit numbering method for interchanges. New York expects to eventually adopt a reference location sign exit numbering system, and also discontinue the use of cardinal directions suffixes as part of the exit number in favor of a suffix letter (e.g., A, B, C).*

**Standard:**

- 06A **An E5-1bP exit number plaque shall be used only in conjunction with the E5-1 Exit Gore sign (see Section 2E.37).**

*Guidance:*

- 07A *Exit number plaques should be designed in accordance with the MUTCD, but with square bottom corners and no bottom border. The text on the plaque should be centered vertically within the green area of the plaque face.*

- 07B *An exit number plaque should be positioned such that its right or left bottom edge is offset from the edge of the sign it supplements by a distance equal to the sign's corner radius.*

### **Section 2E.39 Post-Interchange Distance Signs**

*DELETE the Paragraphs 03 and 07.*

*INSERT the following paragraphs:*

*Guidance:*

- 06A *The distance displayed for each destination on a Distance sign should be the actual distance to the closest point of the destination over the route being signed. Distance values should be rounded to the nearest mile.*
- 06B *Distances to the same destinations should not be shown more frequently than at 10 mile intervals. Distance signs should be placed at locations where the distance to the control destination is a multiple of 10 miles.*

### **Section 2E.40 Interchange Sequence Signs**

*DELETE Paragraph 05.*

*INSERT the following paragraph:*

*Guidance:*

- 04A *Distances shown on an Interchange Sequence sign should be:*
- A. To the nearest quarter mile, if less than one mile;*
  - B. To the nearest half mile if between one mile and three miles; and*
  - C. To the nearest whole mile, if more than three miles.*

### **Section 2E.41 Community Interchanges Identification Signs**

*DELETE the entire section.*

*INSERT the following paragraphs:*

*Support:*

- 00A *For suburban or rural interchanges that are served by two or three interchanges, Community Interchange Identification signs (see Figure 2E.32) are useful.*

*Guidance:*

- 00B *In these cases, the name of the community followed by the word EXITS should be shown on the top line; the lines below should display the destination, road name or route number, and corresponding distances. Exits should be listed in order from top to bottom.*

- 00C *Distances shown on a Supplementary Distance plaque should be:*
- A. *To the nearest quarter mile, if less than one mile;*
  - B. *To the nearest half mile if between one mile and three miles; and*
  - C. *To the nearest whole mile, if more than three miles.*
- 00D *The Community Interchanges Identification sign should be located in advance of the first Advance Guide sign (see Section 2E.33) for the first interchange within the community. Where Interchange Sequence signs (see Section 2E.40) are used, a Community Interchanges Identification sign should normally precede the series of Interchange Sequence signs.*

Option:

- 00E *If interchanges are not conveniently identifiable, or if there are more than three interchanges to be identified, the NEXT XX EXITS sign (see Section 2E.42) may be used.*

Guidance:

- 00F *Exit numbers on the Region sign should be listed, from left to right, in the order that they are encountered.*

## **Section 2E.42      NEXT XX EXITS Sign**

*INSERT the following at paragraph:*

Option:

- 03A *The NEXT XX EXITS sign may also identify the exits associated with a region or area by specifying exit numbers in the sign legend (e.g., EXITS 5-9) in the order they will be encountered.*

**CHAPTER 2G. PREFERENTIAL AND MANAGED LANE SIGNS****Section 2G.04 Preferential Lane Vehicle Occupancy Definition Regulatory Signs (R3-10 Series and R3-13 Series)**

*DELETE Paragraphs 02 and 03.*

*INSERT the following paragraphs:*

**Standard:**

- 01A **The Inherently Low Emission Vehicle (ILEV) (R3-10a) sign shall not be used in New York. The Clean Pass (NYR4-28) sign (see Sign Drawing SD-R21) shall be used in its place, subject to the same guidance stated for the R3-10a.**

**Option:**

- 12A **The HOV Violations (NYR4-19) sign (see Sign Drawing SD-R21) may be used in conjunction with preferential lanes as deemed necessary.**

## CHAPTER 2H. GENERAL INFORMATION SIGNS

### Section 2H.02 General Information Signs (I Series)

*DELETE Paragraph 11.*

*INSERT the following paragraphs:*

#### **Standard:**

- 01A **Unless otherwise noted, symbol signs shall not be used along the main roadways of freeways in New York.**
- 01B **Signing for political boundaries shall conform to the provisions of Section 2H.104; the I-2 sign shall not be used in New York.**

#### **Option:**

- 01C The following symbol signs (see Sign Drawing SD-G15) may be used in New York:
- A. College (NYM8-5)
  - B. State Park (NYM8-9)
  - C. Local Park (NYM8-10)
  - D. Commuter Rail Station (NYM8-12)
  - E. Winery (NYM8-13)
  - F. Apple Orchard (NYM8-14)
  - G. Maple Products (NYM8-15)
  - H. Theater (NYM8-16)
  - I. Shore Access (NYM8-27)
  - J. Agricultural Products (NYM8-28)

#### **Standard:**

- 03A **Except for the State Park, Local Park, and Theater symbol signs, political boundary and scenic byway logos and signs, General Information signs shall have white legends and borders on green rectangular-shaped backgrounds. The State Park, Local Park, and Theater symbol signs shall have white symbols and borders and brown backgrounds.**
- 03B **The Shore Access symbol sign shall only have white symbols and border and green background; provided, however, that when used in the Adirondack Park, the Shore Access symbol sign shall have colors as developed and approved by the Commissioner of the New York State Department of Transportation, in consultation with the Adirondack Park Agency.**
- 03C **The Winery symbol sign shall only be used to guide traffic to wineries that are signed in conjunction with officially legislated wine auto tour routes.**
- 03D **The Agricultural Products symbol sign shall only be used to guide traffic to sites that are signed in conjunction with officially designated farm, apple, or cuisine auto tour routes.**

*Guidance:*

- 03E *The College symbol sign should only be used to guide traffic to colleges and universities accredited by the New York State Education Department.*

*Option:*

- 03F The commuter rail line's logo may be displayed in the Commuter Rail Station symbol sign on the front of the rail vehicle. The height of the symbol sign may be increased, and the name of the rail station may be displayed beneath the rail station symbol.
- 03G The College symbol sign may be used on the main roadways of the following parkways: Bay Parkway, Bethpage State Parkway, Cross County Parkway, Heckscher State Parkway, Hutchinson River Parkway, Loop Parkway, Meadowbrook State Parkway, Northern State Parkway, Ocean Parkway, Robert Moses Causeway, Sagitkos State Parkway, Saw Mill River Parkway, Southern State Parkway, Sunken Meadow State Parkway, Taconic State Parkway, and Wantagh State Parkway.
- 03H College symbol signs used at grade-separated interchanges may be supplemented with Lane Auxiliary signs (see Section 2D.25), and may also display directional word legends such as "NEXT RIGHT", "SECOND RIGHT", "NEXT EXIT", or "SECOND EXIT."
- 03I Symbol signs may be supplemented with Name (NYM14-26 and NYM14-27) auxiliary signs (see Section 2D.107).

**Section 2H.03      Traffic Signal Speed Sign (I1-1)**

*INSERT the following after paragraph:*

**Standard:**

- 04A **The Traffic Signal Speed sign shall state, to the nearest multiple of 5 MPH, the speed for which the signals are set.**

**Section 2H.05      Reference Location Signs (D10-1 through D10-3) and Intermediate Reference Location Signs (D10-1a through D10-3a)**

*DELETE Paragraphs 13-15.*

*INSERT the following paragraphs:*

**Standard:**

- 12A **Zero distance shall begin at the south and west State lines, or at the south and west terminus points where routes begin within a State.**

**Standard:**

- 12B **Except as provided in the option below, Reference Location signs shall be installed on the right side of the roadway. Where a delineator and a reference location sign fall at the same location and are mounted on the same post, the Reference Location sign shall be installed above the delineator.**

*Guidance:*

- 12C *When placed on the right side of the roadway, Reference Location signs should be placed at the same lateral offset as delineators (see Section 3F.04).*

*Option:*

- 12D Where conditions limit or restrict the use of Reference Location signs on the right side of the roadway, they may be installed in the median. On two-lane conventional roadways, Reference Location signs may be installed on one side of the roadway only and may be installed back-to-back. When placed in the median, Reference Location signs may be placed 30 feet from the edge of pavement. Where a delineator and a Reference Location sign fall at the same location, the delineator may be eliminated.

**Section 2H.06 Enhanced Reference Location Signs (D10-4, D10-5)**

*DELETE Paragraph 03.*

*INSERT the following paragraph:*

*Option:*

- 02A To augment an enhanced reference location sign system, either Intermediate Enhanced Reference Location (D10-5) signs (see Figure 2H-4), or Intermediate Reference Location (D10-1a to D10-3a) signs (see Figure 2H-2), which show the tenth of a mile with a decimal point, may be installed along any section of a highway route or ramp at one tenth of a mile intervals, or at some other regular spacing.

**Section 2H.07 Auto Tour Route Signs**

*DELETE Paragraph 04.*

*INSERT the following paragraphs:*

**Standard:**

- 02A **The designs of all Auto Tour Route signs used in New York shall be subject to the review and approval of the New York State Department of Transportation.**

*Option:*

- 02B The following Auto Tour Route signs may be used in New York: Wine (NYM18-1), Farm/Apple/Cuisine (NYM18-2), and Scenic Byway (NYM18-3).

**Standard:**

- 02C **The designs of Wine, Farm/Apple/Cuisine, and Scenic Byway Auto Tour Route signs in New York shall be as provided in Sign Drawing SD-G23.**
- 02D **Wine and Farm/Apple/Cuisine Auto Tour Route signs shall have green backgrounds and white legends. Scenic Byway Auto Tour Route signs shall have brown backgrounds and white legends, except in the Adirondack Park, where the legends shall be yellow.**

02E **The trail name appearing on an Auto Tour Route sign shall match the official name of the trail, as designated in law or regulation.**

02F **Wine Auto Tour Route signs shall only be used to mark routes designated by Sections 343-k and 343-s of the New York State Highway Law. Farm/Apple/Cuisine Auto Tour Route signs shall only be used to mark routes designated by the regulations of the New York State Department of Agriculture and Markets. Scenic Byway Auto Tour Route signs shall only be used to mark routes designated by Section 349-dd of the New York State Highway Law.**

Option:

02G Where names are too long to fit within the sign constraints, the spacing between the letters in the name may be reduced. Series D lettering may also be used instead of the specified Series E lettering.

### **Section 2H.101 Historic Site Signs (NYM9-1, NYM9-2, NYM9-3, NYM9-4)**

Option:

01 Historic Site (NYM9-1, NYM9-2, NYM9-3, NYM9-4) signs (see Sign Drawing SD-G16) may be used along conventional highways and expressways to guide traffic to places of recognized historic value operated and maintained in the public interest.

Support:

02 The NYM9-1 and NYM9-2 signs are for use to provide guidance to sites that are not State-owned or State-operated. The NYM9-3 and NYM9-4 signs are for use for State-owned or State-operated sites.

**Standard:**

03 **Historic Site signs shall only be used for sites listed in the National Register of Historic Places (published by the United States Department of the Interior) or the State Register of Historic Places (published by the New York State Commissioner of Parks, Recreation and Historic Preservation).**

04 **The lettering for names of places, streets and highways on Historic Site signs shall be composed of a combination of lower-case letters with initial upper-case letters (see Section 2A.13).**

Option:

05 When the historic site to be signed is classified as a National or State historic district, the NYM9-3 or NYM9-4 sign may be used, with the last line modified to read "HISTORIC DISTRICT."

*Guidance:*

06 *Historic Site signs should only be located at the point at which a motorist must leave a numbered route or major highway in the immediate vicinity of the historic location.*

07 *Continuity of guidance should be provided. Historic Site signs should not be used unless all subsequent guidance necessary to reach the site is in place.*

**Support:**

- 08 Usually, motorists wishing to visit an historic site are adequately guided to the general area of the site by following numbered routes or other major highways.

**Guidance:**

- 09 *Shortened names and/or abbreviations should be employed, where necessary, to enable the historic site name to be placed within the sign.*

**Option:**

- 10 Where names are too long to fit within the sign constraints, the spacing between the letters in the name may be reduced. Series C lettering may also be used instead of the specified Series D lettering.

**Standard:**

- 11 **Where used, an Historic Site sign shall be supplemented with an arrow auxiliary sign (see Sections 2D.26 and 2D.28) having a white legend and a brown background.**

**Section 2H.102 New York State Heritage Signs (NYM20-1)****Option:**

- 01 New York State Heritage (NYM20-1) signs (see Sign Drawing SD-G25) may be used to guide motorists to locations within heritage areas that are part of the New York State Heritage Area System, as designated by Section 35.03 of the New York State Parks, Recreation and Historic Preservation Law.

**Standard:**

- 02 **The designs of all logos used on New York State Heritage signs shall be subject to the review and approval of the New York State Department of Transportation.**
- 03 **The name appearing on a New York State Heritage sign shall match the official name of the heritage area, as designated in law.**
- 04 **Where used, a New York State Heritage sign shall be supplemented with a Name (NYM14-27) auxiliary sign (see Section 2D.107) reading "HERITAGE AREA." The sign shall have a white legend and a brown background, and shall be placed above the New York State Heritage sign.**

**Guidance:**

- 05 *Where used, New York State Heritage signs should be supplemented with appropriate auxiliary arrow (see Sections 2D.26 and 2D.28) signs.*

**Option:**

- 06 Where motorist guidance would be enhanced by the inclusion of additional destination information, a second Name auxiliary sign containing such information may be placed below the New York State Heritage sign, but above any auxiliary arrow signs.

### **Section 2H.103      New York National Heritage Signs (NYI12-8)**

**Option:**

- 01 New York National Heritage (NYI12-8) signs (see Sign Drawing SD-G25) may be used to provide information to motorists about the locations of the boundaries of areas designated by the United States Congress as National Heritage Areas.

**Standard:**

- 02 **The designs of all logos used on New York National Heritage signs shall be subject to the review and approval of the New York State Department of Transportation.**

### **Section 2H.104      Political Boundary Signs (NYI12-1, NYI12-2a, NYI12-3a, NYI12-3b, NYI12-4)**

**Option:**

- 01 Political Boundary signs (see Sign Drawings SD-G5 and SD-G6) may be used to provide information to motorists about the locations of state, county, town, city, village, and unincorporated place boundaries.

**Standard:**

- 02 **The lettering for names of places, streets and highways on Political Boundary signs shall be composed of a combination of lower-case letters with initial upper-case letters (see Section 2A.13).**

**Guidance:**

- 03 *The State Boundary (NYI12-4) sign should be used to inform motorists that they are entering the state of New York. If the speed limit does not change at the border, the State Boundary sign should be located at the border and precede the speed limit sign; if the speed limit changes at the border, the Speed Limit sign should be located at the border and the State Boundary sign should be located beyond the speed limit sign.*
- 04 *The Freeway County Boundary (NYI12-3a) sign should be used on freeways to inform motorists about the location of a county boundary.*
- 05 *The Freeway Municipal Boundary (NYI12-3b) sign should be used on freeways to inform motorists about the location of a village, town or city boundary.*
- 06 *The Conventional Boundary (NYI12-2a) sign should be used on conventional highways and expressways to inform motorists about the location of a county, village, town, or city boundary.*
- 07 *The Unincorporated Place Boundary (NYI12-1) sign should be used on conventional highways and expressways to inform motorists about the location of an unincorporated place boundary.*
- 08 *Where a Speed Limit sign (see Section 2B.13) and a Political Boundary sign would conflict, the Political Boundary sign should be placed at a suitable location before or after the Speed Limit sign.*

**Section 2H.105     Watershed Signs (NYI12-7)**

## Option:

- 01 Watershed (NYI12-7) signs (see Sign Drawing SD-G8) may be used to inform motorists about the locations of watershed boundaries.

**Standard:**

- 02 **The lettering for names of places, streets and highways on Watershed signs shall be composed of a combination of lower-case letters with initial upper-case letters (see Section 2A.13).**

*Guidance:*

- 03 *State and local agencies electing to provide watershed signing should develop policies that outline the criteria to be considered in determining the eligibility of watersheds for signing.*

**Section 2H.106     Hudson River Estuary Signs (NYM19-1, NYM19-2)**

## Option:

- 01 Hudson River Estuary (NYM19-1, NYM19-2) signs (see Sign Drawing SD-G24) signs may be used to inform motorists when the Hudson River Estuary, or one of its tributaries, is being crossed.

**Standard:**

- 02 **The placement of all Hudson River Estuary signs shall be subject to the review and approval of the New York State Department of Environmental Conservation.**
- 03 **The NYM19-1 sign shall be used when the water body being crossed is the Hudson River Estuary. The NYM19-2 sign shall be used when the water body being crossed is a tributary of the Hudson River Estuary.**

**Section 2H.107     Catskill Former Site Signs (NYM9-5, NYM9-6)**

## Option:

- 01 Catskill Former Site (NYM9-5, NYM9-6) signs (see Sign Drawing SD-G17) may be used to inform motorists of the former locations of communities removed or relocated during the development of the New York City watershed.

**Standard:**

- 02 **The lettering for names of places, streets and highways on Catskill Former Site signs shall be composed of a combination of lower-case letters with initial upper-case letters (see Section 2A.13).**

*Guidance:*

- 03 *The NYM9-5 sign should be used when only one community name appears on the sign. The NYM9-6 sign should be used for two community names.*
- 04 *For communities whose names are too long to fit within the sign constraints, the spacing between the letters in the name should be reduced as needed.*

## CHAPTER 2I. GENERAL SERVICE SIGNS

### Section 2I.02      General Service Signs for Conventional Roads

*DELETE the entire section.*

*INSERT the following paragraphs:*

Support:

- 00A      On conventional roads, commercial services such as gas, food, and lodging generally are within sight and are available to the road user at reasonably frequent intervals along the route. Consequently, on this class of road there usually is no need for special signs calling attention to these services. Moreover, General Service signing is usually not required in urban areas except for hospitals, law enforcement assistance, tourist information centers, and camping.

Option:

- 00B      The following General Service symbol signs (see Figure 2I-1 and Sign Drawing SD-G18) may be used in New York:

- A. Telephone (D9-1)
- B. Hospital (D9-2)
- C. Tent Camping (D9-3)
- D. Trailer Camping (D9-3a)
- E. Handicapped (D9-6)
- F. Gas (D9-7)
- G. Food (D9-8)
- H. Lodging (D9-9)
- I. Tourist Information (D9-10)
- J. Diesel Fuel (D9-11)
- K. Alternative Fuel – Compressed Natural Gas (D9-11a)
- L. Electric Vehicle Charging (D9-11b)
- M. Alternative Fuel – Ethanol (D9-11c)
- N. RV Sanitary Station (D9-12)
- O. Emergency Medical Services (D9-13)
- P. Propane Gas (D9-15)
- Q. Truck Parking (D9-16)
- R. POLICE (NYM11-2)
- S. STATE POLICE (NYM11-5)
- T. Emergency Telephone (NYM11-6)
- U. Viewing Area (NYM12-2)
- V. Restrooms (RS-022)
- W. Telecommunication Device for the Deaf (D9-21)
- X. Wireless Internet (D9-22)

- 00C      If the distance to the next point at which services are available is 10 miles or more, a NEXT SERVICES XX MILES (D9-17P) plaque (see Figure 2I-2) may be installed below the General Service sign.

**Standard:**

- 00D **The D9-14 and D9-20 signs shall not be used in New York. The D9-13aP, D9-13bP, D9-13cP, D9-13dP, and D9-20aP plaques shall not be used in New York.**
- 00E **All General Service signs and supplemental plaques shall have white letters, symbols, and borders on a blue background.**
- 00F **Where used at intersections, General Service signs shall be supplemented with a directional message.**
- 00G **Except for the Tourist Information sign, General Service symbol signs shall only contain symbols.**

**Option:**

- 00H The Food, Gas, Diesel Fuel, Alternative Fuels, Electric Vehicle Charging, Lodging, Tent Camping, Trailer Camping, Phone, Hospital, and Tourist Information signs may be used on a Freeway General Service sign (see Section 2I.03).

**Standard:**

- 00I **The Food, Gas, Diesel Fuel, Alternative Fuels, Electric Vehicle Charging, Lodging, Tent Camping, and Trailer Camping signs shall be used only on conventional highways as follow-up signs for motorists directed to such services from General Service signs on a freeway.**
- 00J **The eligibility requirements for signing with the Food, Gas, Diesel Fuel, Alternative Fuels, Electric Vehicle Charging, Lodging, Tent Camping, and Trailer Camping signs shall be the same as those indicated for Specific Service signs (see Chapter 2J).**

**Option:**

- 00K The Truck Parking sign may be used to indicate the availability of truck parking.

**Guidance:**

- 00L *Where used, the Truck Parking sign should be placed on a separate panel below the other general motorist services.*

**Standard:**

- 00M **The Truck Parking (D9-16) sign shall only be used if the rest area, parking area, or service area meets all of the following criteria:**
- 1. The area is either a rest, parking, or service area located on a freeway or expressway or is a service area located no farther than three road miles from an interchange with a freeway or expressway;**
  - 2. The area has at least 20 parking spaces available to accommodate trucks with 53-foot trailers;**
  - 3. The area is open and available for parking 24 hours a day, seven days a week;**
  - 4. Trucks are allowed to park for at least eight hours; and**
  - 5. Rest rooms are available.**

**Option:**

- 00N The International Symbol of Accessibility for the Handicapped (D9-6) sign may be used beneath General Service signs where paved ramps and rest room facilities accessible to, and usable by, the physically handicapped are provided.

**Guidance:**

- 00O *When the D9-6 sign is used in accordance with Paragraph 00N, and van-accessible parking is available at the facility, a VAN ACCESSIBLE (D9-6P) plaque (see Figure 2I-1) should be mounted below the D9-6 sign.*

**Option:**

- 00P The Telephone sign may be used to guide traffic to public telephones.

**Guidance:**

- 00Q *To be eligible for signing on conventional highways or expressways with Telephone Service signs, a public telephone should be in service 24 hours a day, seven days a week, and be less than one-quarter mile from the intersection, or other location, where traffic must turn.*

**Option:**

- 00R The Emergency Medical Services (D9-13) sign may be used to guide traffic to hospital emergency rooms, ambulance stations, or qualified medical treatment centers.

**Standard:**

- 00S **Each Emergency Medical Services sign shall be supplemented with a Name (NYM14-26 or NYM14-27) auxiliary sign (see Section 2D.107) with the legend HOSPITAL, AMBULANCE STATION, TREATMENT CENTER, or EMERGENCY MEDICAL CARE to identify the type of service facility.**

**Guidance:**

- 00T *Where the Emergency Medical Services symbol sign is used, the following criteria should be followed:*

**A. AMBULANCE**

1. *24-hour service, seven days per week.*
2. *Staffed by two State-certified persons trained at least to the basic level.*
3. *Vehicular communications with a hospital emergency department.*
4. *Operator should have successfully completed an emergency vehicle operator training course.*
5. *Location should be sufficiently close so that travel to the station is a reasonable alternative to other means of obtaining emergency medical service, such as telephoning for assistance.*

**B. HOSPITAL**

1. 24-hour service, seven days per week.
2. Emergency department facilities with a physician (or emergency care nurse on duty within the emergency department with a physician on call) trained in emergency medical procedures on duty.
3. Licensed or approved for definitive medical care by an appropriate state or local authority.
4. Equipped for radio voice communications with ambulances and other hospitals.
5. Location should be sufficiently close so that travel to the hospital is a reasonable alternative to other means of obtaining emergency medical service, such as telephoning for assistance.

**Option:**

00U The Emergency Medical Services sign may be used to supplement Telephone, POLICE, and STATE POLICE signs.

**Guidance:**

00V *The Hospital and Emergency Medical Services signs should not be used at the same location.*

**Option:**

00W POLICE signs may be used to guide traffic to local police stations. STATE POLICE signs may be used to guide traffic to state police stations. The legend on the STATE POLICE sign may be modified (e.g., COUNTY SHERIFF, TOWN POLICE, VILLAGE POLICE, TOWN CONSTABLE, or VILLAGE CONSTABLE) in order to provide more guidance for motorists.

**Guidance:**

00X *To be eligible for signing with POLICE and STATE POLICE signs, a facility should be in operation 24 hours a day, seven days a week, and be sufficiently close so that travel to the facility is a reasonable alternative to obtaining police service by other means, such as by telephone.*

00Y *The POLICE and STATE POLICE signs should not be used at the same location.*

00Z *Where used on interchanges of freeways, the Emergency Medical Services and POLICE/STATE POLICE signs should be placed beneath the first advance exit sign. POLICE signs should be placed to the left of other General Service signs that do not indicate emergency services.*

00AA *On freeway exit ramps, the Emergency Medical Services and POLICE/STATE POLICE signs, with their supplemental arrow auxiliary signs (see Sections 2D.25 and 2D.26), should normally be grouped in a single assembly. They should normally be placed on the left side of the ramp in advance of the crossroad intersection. Where Specific Service signs (see Chapter 2F) exist on the ramp, the Emergency Medical Services and POLICE/STATE POLICE signs should be grouped in a single assembly and placed beyond the last specific services sign on the ramp.*

**Option:**

00BB The Emergency Medical Services and POLICE/STATE POLICE signs may be placed on the right side of the exit ramp where necessary or deemed appropriate.

*Guidance:*

- 00CC *At conventional highway intersections, the Emergency Medical Services and POLICE/STATE POLICE signs should normally be grouped in a single assembly. The assembly, or assemblies, should be placed on the right side of the roadway in advance of the intersection. Where Specific Service signs are also used at the intersection, the General Service sign assembly, or assemblies, should precede the Specific Service signs.*

*Option:*

- 00DD The Tourist Information sign may be used to guide traffic to qualified tourist information facilities. Tourist Information signs may be used where tourist information facilities are within rest areas, parking areas, or service areas, or are located near freeway interchanges.

**Standard:**

- 00EE **Tourist Information signs shall only be used on a freeway approaching an interchange where motorists leaving the freeway have convenient reentry to resume their travel, and only where necessary subsequent guidance has been provided on the exit ramp and at each subsequent location where traffic must turn to reach the facility.**
- 00FF **Tourist Information signs shall only be used on expressways and conventional highways where adequate directional information is in place at location where traffic must turn to reach the facility.**

*Guidance:*

- 00GG *To be eligible for signing with the Tourist Information sign, a tourist information facility should be open at least eight hours per day, seven days per week, and should have public telephone service available at all times. In addition:*
- A. *To be eligible for signing on a freeway approaching an interchange, a tourist information facility off the freeway should not be more than one mile from the exit gore.*
  - B. *To be eligible for signing at an intersection on an expressway or conventional highway, a tourist information facility on another highway should not be more than one mile from the intersection.*
- 00HH *The Telephone and Tourist Information sign should not be used at the same location.*

*Option:*

- 00II The RV Sanitary Station sign may be used to indicate the availability of facilities designed for the use of dumping wastes from recreational vehicle holding tanks.

*Guidance:*

- 00JJ *To be eligible for signing with the RV Sanitary Station sign, a facility which receives waste from recreational vehicle holding tanks should be licensed, or approved, by the appropriate government agencies; and should operate for the minimum number of hours per day, and days per week, consistent with providing reasonable service to motorists who would use the facility.*

## Option:

- 00KK Handicapped, Viewing Area, and Rest Room signs may be used, as necessary, to inform traffic approaching a rest area, a parking area, or service area of facilities and/or features within the area. These signs may also be used within a rest area, parking area, or service area to guide traffic within such areas to the facilities. Where such guidance is for pedestrian traffic, the signs may be appropriately reduced in size.

## Guidance:

- 00LL *Where used, the Handicapped, Viewing Area, and/or Rest Room signs should be placed, in order from left to right, beneath the NYI7-4, NYI7-1, or NYI7-7 advance sign (the first in the sequence if there are more than one) and the NYI7-5, NYI7-2, or NYI7-8 exit sign. The Handicapped, Viewing Area, and Rest Room signs should be placed to the right of any Gas, Diesel Fuel, or Food signs that are also being used at those locations.*

## Option:

- 00MM The Emergency Telephone sign may be used to identify a telephone or other device which is part of a closed circuit emergency communication system.

### Section 2I.03 General Service Signs for Freeways and Expressways

*DELETE the entire section.*

*INSERT the following paragraphs:*

## Support:

- 00A The Freeway General Service (D9-18) sign (see Figure 2I-3) is for use on freeways to inform motorists about certain services conveniently accessible at exits.

## Standard:

- 00B **The Freeway General Service shall have white letters, symbols, arrows, and borders on a blue background. Letter and numeral sizes shall comply with the minimum requirements of Tables 2E-1 through 2E-4.**
- 00C **The Freeway General Service sign shall carry the symbols for one or more of the following services only: Food (D9-8), Gas (D9-7), Diesel Fuel (D9-11), Alternative Fuel – Compressed Natural Gas (D9-11a), Electric Vehicle Charging (D9-11b), Alternative Fuel – Ethanol (D9-11c), Propane Gas (D9-15), Lodging (D9-9), Tent Camping (D9-3), Trailer Camping (D9-3a), Telephone (D9-1), Hospital (D9-2), or Tourist Information (D9-10) (see Section 2D.45).**
- 00D **Only symbols shall be permitted on the Freeway General Service sign. The D9-18a and D9-18c signs shall not be used in New York.**

## Option:

- 00E For numbered interchanges, the exit number may be incorporated within the sign legend (D9-18b) or displayed on an Exit Number (E1-5P) plaque (see Section 2E.31).

**Guidance:**

- 00F *The Freeway General Service sign should be used where the overall public interest is better served by omitting brand and facility names. Where the public interest would be better served by including such information, Specific Service signs (see Chapter 2J) should be used instead.*
- 00G *Freeway General Service signs should be limited to areas which are rural in character. They should not be used in urbanized areas where the availability of motorist services is evident or may reasonably be assumed.*
- 00H *Freeway General Service signs should not be used on approaches to interchanges with other freeways, on approaches involving lane drops, or on approaches where diagrammatic Advance Guide signs (see Section 2E.33) are used. They should also not be used where it would be inconvenient for motorists leaving the freeway to re-enter to resume their travel.*
- 00I *Freeway General Service signs should only be used where necessary General Service symbol signs are in place on the exit ramp, and at subsequent locations where traffic must turn to reach the particular services.*

**Option:**

- 00J Where Tourist-Oriented Directional signs (see Chapter 2K) provide guidance at locations where turns are necessary, the follow-up General Service Symbol signs may be omitted.

**Support:**

- 00K Ramp signs are usually not necessary at double-exit interchanges. They are also generally not needed at single-exit interchanges for businesses which are readily visible from the ramp terminal.

**Standard:**

- 00L **No more than six services, including any appended panels, shall be displayed on one Freeway General Service sign.**
- 00M **The qualified services available shall be shown at specific locations on the Freeway General Service sign. To provide flexibility for the future, when the service might become available, the sign space normally reserved for a given service symbol shall be left blank when that service is not present.**
- 00N **Symbols for businesses which are operated on a seasonal basis shall be removed or covered when the businesses are closed.**

**Guidance:**

- 00O *The symbols on a Freeway General Service sign should be displayed as follows:*
- A. *Six services:*
    1. *Top row—Gas, Food, and Lodging*
    2. *Bottom row—Phone, Hospital, and Camping*
  - B. *Four services:*
    1. *Top row—Gas and Food*
    2. *Bottom row—Lodging and Phone*
  - C. *Three services:*
    1. *Top row— Gas, Food, and Lodging*

**Option:**

- 00P Signing for Diesel Fuel, Propane Gas, or other alternative fuel services may be substituted for any of the general services or appended to such signs. The International Symbol of Accessibility for the Handicapped (D9-6) sign may be used for facilities that qualify.
- 00Q Substitutions of other services for any of the services shown above may be made by placing the substitution in the lower right (four or six services) or extreme right (three services) portion of the sign panel. An action message or an interchange number may be used for symbol signs in the same manner as they are used for word message signs. The Diesel Fuel symbol or the Propane Gas symbol may be substituted for the symbol representing fuel or appended to such assemblies. The Tourist Information sign may be substituted on any of the above configurations.
- 00R At rural interchange areas where limited road user services are available and where it is unlikely that additional services will be provided within the near future, a supplemental plaque displaying one to three services may be appended below a post-mounted interchange guide sign.

**Standard:**

- 00S **If more than three services become available at rural interchange areas where limited road user services were anticipated, the appended sign plaque described in Paragraph 00R shall be removed and replaced with an independently mounted General Service sign as described in this Section.**

**Option:**

- 00T A separate Telephone sign may be installed if telephone facilities are located adjacent to the route at places where public telephones would not normally be expected. The Recreational Vehicle Sanitary Station (D9-12) sign may be used as needed to indicate the availability of facilities designed for dumping wastes from recreational vehicle holding tanks. In some locations, signs may be used to indicate that services are not available.

**Guidance:**

- 00U *To be eligible for a Freeway General Service sign, businesses or facilities should meet the requirement set forth for Specific Service signs (see Chapter 2J) and General Service signs (see Section 2I.02).*

**Option:**

- 00V The eligibility requirements for a particular type of service may be satisfied by a single business or facility, or jointly by two or more businesses or facilities in reasonably close proximity.

**Standard:**

- 00W **Where eligibility for signing involves more than one business or facility, all shall be within the specified travel distance limit from the exit gore, and guidance to all shall involve the same General Service symbol sign on the exit ramp and at all subsequent locations.**
- 00X **Only one Freeway General Service sign shall be used in each travel direction at a single-exit interchange. The number of Freeway General Service signs per travel direction approaching a double-exit interchange shall be limited to one for each exit.**

**Option:**

- 00Y Where the services associated with each exit of a double-exit interchange are identical, one Freeway General Service sign, covering both exits, may be used.
- 00Z If the distance to the next point where services are available is greater than 10 miles, a NEXT SERVICES XX MILES (D9-17P) plaque (see Figure 2I-2) may be installed below the Exit Direction sign (see Section 2E.36).

**Standard:**

- 00AA **Where used at a numbered interchange, the Freeway General Service sign shall be supplemented with the interchange number, as illustrated in Figure 2I-3.**
- 00BB **Where used at an unnumbered interchange, the Freeway General Service sign shall be supplemented with an action message such as NEXT EXIT or SECOND RIGHT, as illustrated in Figure 2I-3.**
- 00CC **Symbols on the Freeway General Service sign shall be identical in design and meaning to those used on General Service symbol signs (see Section 2I.02).**

*Guidance:*

- 00DD *Symbols on the Freeway General Service signs should be 18 inches high or 18 inches wide, as appropriate. They should be arranged so that the horizontal spaces between them are uniform. The Gas and Diesel Fuel symbols should not ordinarily be displayed together on the Freeway General Service sign. Also, the Trailer Camping and Tent Camping symbols should not ordinarily be displayed together.*

**Option:**

- 00EE The Gas and Diesel Fuel symbols, or both the Trailer Camping and Tent Camping symbols, may be included where it is deemed in the public interest to do so.

*Guidance:*

- 00FF *The Freeway General Service sign should be placed at least 800 feet from any other guide sign.*
- 00GG *At a single-exit interchange, the Freeway General Service sign should be placed between the Advance Guide sign and the Exit Direction sign. If more than one Advance Guide sign is used, the Freeway General Service sign should be placed after the last one.*
- 00HH *Where a Supplemental Guide sign (see Section 2E.35) is used, the Freeway General Service sign should be placed to follow it. Where a NY19-5 or NY19-10 ATTRACTION sign (see Chapter 2J) is used, the Freeway General Service sign should be placed to follow it.*

**Standard:**

- 00II **Where two Freeway General Service signs are used at a double-exit interchange, the signs for both exits shall be placed at the same location. The Freeway General Service sign for the first exit to be encountered shall be placed immediately above the Freeway General Service sign for the second exit.**

*Guidance:*

- 00JJ *The Freeway General Service signs for double-exit interchanges should be positioned between the Advance Guide sign and the Exit Direction sign for the first exit. If more than one Advance Guide sign is used, the Freeway General Service signs should be placed after the last one. Where a Supplemental Guide sign is used, the Freeway General Service signs should be placed to follow it. Where NYI9-5 or NYI9-10 ATTRACTION signs are used, the Freeway General Service signs should be placed after them.*
- 00KK *Where only one Freeway General Service sign is used at a double-exit interchange, it should be positioned between the Advance Guide sign and the Exit Direction sign for the first exit. If more than one Advance Guide sign is used, the Freeway General Service sign should be placed after the last one. Where a Supplemental Guide sign is used, the Freeway General Service sign should be placed to follow it. Where NYI9-5 or NYI9-10 ATTRACTION signs are used, the Freeway General Service sign should be placed after them.*

*Option:*

- 00LL The Freeway General Service sign may be supplemented with a Truck Parking (D9-16) General Service sign to indicate the availability of truck parking at a nearby service area if the criteria listed in Section 2I.02 are met.

*Guidance:*

- 00MM *Where a Truck Parking sign is used in conjunction with the Freeway General Service sign, the Truck Parking sign should be placed immediately beneath, and centered horizontally on, the Freeway General Service sign.*

*Option:*

- 00NN The Truck Parking sign may be placed at a height which is less than that required by Section 2A.18.

## **Section 2I.05      Rest Area and Other Roadside Area Signs**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

- 00A **The design of Rest Area signs in New York shall be as provided in Sign Drawing SD-G4, unless otherwise noted.**
- 00B **The D5-1, D5-1a, D5-2, D5-2a, and D5-6 sign designs shall not be used in New York.**
- 00C **All signs for rest areas shall have white letters, symbols, and borders on a blue background. Letter and numeral sizes shall conform to the minimum requirements of Tables 2E-2 through 2E-5. On the approach to rest areas, a REST AREA (NYI7-4) Advance Guide sign shall be placed one mile and/or two miles in advance of the rest area. At the rest area exit gore, there shall be a sign with the message REST AREA (NYI7-6) together with an arrow indicating the appropriate turn, as shown in Sign Drawing SD-G4.**

- 00D **Signs that include the legend REST AREA shall be used only where parking and rest room facilities are available.**

*Guidance:*

- 00E *A roadside area that does not contain restroom facilities should be signed to indicate the major road user service that is provided. For example, an area with only parking should be signed as a PARKING AREA. An area with picnic tables and parking should be signed as a PICNIC AREA.*
- 00F *Rest areas that have tourist information and welcome centers should be signed as discussed in Section 21.08.*
- 00G *Service area, parking area, and picnic area signing should be consistent with that specified for rest areas, with standard messages revised as appropriate.*
- 00H *Scenic area signing should be consistent with that provided for rest areas, except that the legends should use words such as SCENIC AREA, SCENIC VIEW, or SCENIC OVERLOOK instead of REST AREA.*

*Option:*

- 00I *Between the REST AREA Advance Guide sign and the gore of the rest area exit, a REST AREA (NY17-5) sign may be installed where the driver needs to leave the highway to access the rest area. The words NEXT RIGHT may be substituted for the arrow.*
- 00J *If a rest area or other roadside area is provided on a conventional road, a D5-5 sign should be installed instead of the NY17-5 sign at the turnoff point where the driver needs to leave the highway to access the rest area or other roadside area.*
- 00K *The REST AREA XX MILES (NY17-10) sign may be used on approaches to parking areas on freeways to indicate the travel distance to the next rest area. It may also be used across from parking, rest, and service areas provided for traffic in the opposite direction.*
- 00L *The SERVICE AREA XX MILES (NY17-11) sign may be used on approaches to parking and rest areas on freeways to indicate the travel distance to the next service area. It may also be used across from parking, rest, and service areas provided for traffic in the opposite direction.*
- 00M *The NEXT AREA XX MILES (NY17-12) sign may be used on approaches to freeway parking, rest, and service areas to indicate the distance to a following area in order to help motorists decide whether to stop at the immediate area or proceed to the more distant one.*
- 00N *The NY17-10, NY17-11, and NY17-12 signs may be installed independently or as supplemental signs mounted below the appropriate Advance Guide signs.*

*Guidance:*

- 00O *Where installed independently on the approach to a parking area, the REST AREA XX MILES (NY17-10) sign should be located after, and at least 800 feet away from, the PARKING AREA Advance Guide (NY17-1) sign. Where used in association with an area in the opposite direction, it should be placed where the area is readily visible.*

00P *Where installed independently on the approach to a parking or rest area, the SERVICE AREA XX MILES (NY17-11) sign should be located after, and at least 800 feet away from, the PARKING AREA (NY17-1) or REST AREA (NY17-4) Advance Guide sign. Where used in association with an area in the opposite direction, it should be placed where the area is readily visible.*

00Q *Where installed independently, the NEXT AREA XX MILES (NY17-12) sign should be placed after, and at least 800 feet away from, a PARKING AREA XX MILES (NY17-1), REST AREA XX MILES (NY17-4) or SERVICE AREA XX MILES (NY17-7) sign.*

Option:

00R Specific Service sign Logo Panels (see Section 2J.03) may be used on the face of service area Advance Guide signs and the service area Exit Direction sign.

00S If the rest area has facilities for the physically impaired (see Section 2I.02), the International Symbol of Accessibility for the Handicapped (D9-6) sign may be used.

00T If the rest area has designated parking areas for trucks which meet the criteria of section 2I.02, the Truck Parking (D9-16) sign may be used.

00U If telecommunication devices for the deaf (TDD) are available at the rest area, the TDD (D9-21) symbol sign (see Figure 2I-1) may be used to supplement the Advance Guide signs for the rest area.

00V If wireless Internet services are available at the rest area, the Wi-Fi (D9-22) symbol sign (see Figure 2I-1) may be used to supplement the Advance Guide signs for the rest area.

Guidance:

00W *Where used, the International Symbol of Accessibility for the Handicapped (D9-6) sign and the Truck Parking (D9-16) sign should be placed beneath the REST AREA Advance Guide sign and beneath the REST AREA Exit Direction sign.*

Option:

00X The FREE COFFEE (NY17-13) sign (see Sign Drawing SD-G4) may be used in conjunction with the NY17-1, NY17-2, NY17-4, NY17-5, NY17-7, and NY17-8 signs.

Guidance:

00Y *The FREE COFFEE sign should only be used when services are actually being furnished.*

Support:

00Z Figure 2I-101 shows an example of rest area signing.

**Section 21.08      Tourist Information and Welcome Center Signs**

*INSERT the following paragraph:*

*Guidance:*

- 01A      *Only Tourist Information Centers meeting the signing requirements and guidance in Section 21.02 should be signed.*

**Section 21.09      Radio Information Signing**

*DELETE Paragraphs 07 and 08.*

*INSERT the following paragraph:*

**Standard:**

- 00A      **The D12-3 sign shall not be used in New York.**

## CHAPTER 2J. SPECIFIC SERVICE SIGNS

### Section 2J.01 Eligibility

*DELETE Paragraphs 02, 03, 04, 07, 08, 09, and 11.*

*INSERT the following paragraphs:*

#### **Standard:**

- 01A **Specific Service signs shall be used only on freeways in New York.**
- 01B **Specific Service signs for 24-hour pharmacies shall not be used in New York.**

#### *Guidance:*

- 01C *The use of Specific Service signs should be limited primarily to areas which are rural in character. GAS, FOOD, LODGING, and CAMPING signs should not be used in urbanized areas where the availability of motorist services is evident or may be reasonably assumed.*

#### *Option:*

- 01D **ATTRACTION signs may be used in urbanized areas where there is adequate space.**

#### *Guidance:*

- 01E *To qualify for Specific Service signing, a business or facility:*
- A. *Should not be located at an interchange where the road user cannot conveniently reenter the freeway and continue in the same direction of travel;*
  - B. *Should not involve travel over poor connecting highways going to the facility or returning to the freeway;*
  - C. *Should be adequately signed to provide directional guidance to the facility and, if necessary, back to the freeway;*
  - D. *Should not involve signing on approaches to interchanges with other freeways, on approaches involving lane drops, or on approaches where diagrammatic Advance Guide signs (see Section 2E.33) are used;*
  - E. *Should be located within 3 road miles of the exit gore for the GAS service;*
  - F. *Should be located within 6 road miles of the exit gore for the FOOD service;*
  - G. *Should be located within 9 road miles of the exit gore for the LODGING service;*
  - H. *Should be located within 12 road miles of the exit gore for the CAMPING service; and*
  - I. *Should be located within 15 road miles of the exit gore for the ATTRACTION service.*

*INSERT the following at the end of section "E" in Paragraph 10:*

#### *Guidance:*

- 3. *Modern sanitary facilities and drinking water.*

**Section 2J.02      Application**

*DELETE the first two sentences in Paragraph 03.*

*DELETE the first sentence in Paragraph 09.*

*INSERT the following paragraphs:*

**Standard:**

- 01A      **Specific Service signs for 24-hour pharmacies shall not be used in New York.**

**Section 2J.03      Logos and Logo Sign Panels**

*INSERT the following paragraph:*

**Standard:**

- 01A      **Only trademarks which are registered with the Federal Division of Patents and Trademarks shall appear on logo panels.**

**Section 2J.04      Number and Size of Signs and Logo Sign Panels**

*DELETE Paragraphs 01, 06, and 07.*

*INSERT the following paragraphs:*

**Standard:**

- 02A      **There shall be no more than three logo sign panels for one of the two service types on the same sign or sign assembly.**

**Standard:**

- 05A      **The design of Specific Service signs and logo sign panels in New York shall be as provided in Sign Drawing SD-G10.**

**Section 2J.07      Single-Exit Interchanges**

*DELETE Paragraphs 02 and 03.*

*INSERT the following paragraphs:*

**Standard:**

- 01A      **The design and use of Specific Service ramp signs in New York shall be as provided in Section 2J.101.**

- 01B **The following rules shall be used for assembling and positioning combination Specific Service signs at single-exit interchanges:**
- A. When a NYI9-1 GAS sign is combined with a NYI9-2 FOOD, a NYI9-3 LODGING, a NYI9-4 CAMPING, or a NYI9-5 ATTRACTION sign, the NYI9-1 sign shall be on top, and the combination should be placed in the GAS sign position;
  - B. When a NYI9-2 FOOD sign is combined with a NYI9-3 LODGING, a NYI9-4 CAMPING, or a NYI9-5 ATTRACTION sign, the NYI9-2 sign shall be on top, and the combination should be placed in the FOOD sign position;
  - C. When a NYI9-3 LODGING sign is combined with a NYI9-4 CAMPING or a NYI9-5 ATTRACTION sign, the NYI9-3 sign shall be on top, and the combination should be placed in the LODGING sign position; and
  - D. When NYI9-4 CAMPING and NYI9-5 ATTRACTION signs are combined, the NYI9-4 sign shall be on top, and the combination should be placed in the CAMPING sign position.

### **Section 2J.08      Double-Exit Interchanges**

*DELETE Paragraph 04.*

### **Section 2J.09      Specific Service Trailblazer Signs**

*DELETE the entire section.*

### **Section 2J.101      Specific Service Ramp Signs (NYI8-1, NYI8-1a)**

Support:

- 01 Specific Service Ramp (NYI8-1 and NYI8-1a) signs (see Sign Drawing SD-G9) are for use on freeway exit ramps, as necessary, to provide guidance to service facilities appearing on Specific Service signs on the mainline freeway.

*Guidance:*

- 02 *A separate Specific Service Ramp sign should be displayed for each service category. A Specific Service Ramp Sign should be used only where directional guidance, using Tourist-Oriented Directional signs or other forms of guidance, exists at all subsequent turns or critical decision points.*
- 03 *Specific Service Ramp signs should be spaced at least 100 feet from the exit gore sign, from each other, and from the ramp terminal.*

**Standard:**

- 04 **At single-exit interchanges, Specific Service Ramp signs shall be installed along the ramp or at the ramp terminal for facilities that have logo sign panels displayed along the main roadway if the facilities are not readily visible from the ramp terminal. Directions to the service facilities shall be indicated by arrows on the ramp signs.**

- 05 **The top line on each Specific Service Ramp sign shall contain the category of the business appearing on the sign (i.e., GAS, FOOD, LODGING, CAMPING, or ATTRACTIONS).**
- 06 **The logo sign panels (NYI8-4) used on Specific Service Ramp signs shall be duplicates of those displayed on the Specific Service signs located in advance of the interchange, but shall be reduced to a size of 24" x 15", as shown in Sign Drawing SD-G9.**
- 07 **No more than four logo sign panels shall be displayed on a NYI8-1 sign. Where more than four facilities in a particular service category are signed, a NYI8-1a sign shall be used to display all of the logo sign panels in that category.**

*Guidance:*

- 08 *The arrows on the Specific Service Ramp sign should point in the general direction to be followed in turning onto the intersecting highway. Vertical and diagonal arrows, where used, should be similar to those used on Destination signs (see Section 2D.37), except that they should have wider shafts. Arrows pointing to the right of vertical should be on the right side of the sign. Arrows pointing to the left of vertical should be on the left side of the sign. Businesses to the left should appear above businesses to the right. Where more than one business lies in the same direction, those closer should appear above those more distant. Distances to businesses should be displayed within the arrows, and should be stated to the nearest mile. Where the stated distance would be less than one mile, it should be omitted.*

*Option:*

- 09 Vertical arrows may be on either side of the sign, as appropriate.

*Guidance:*

- 10 *Specific Service Ramp signs should be placed along the left side of the exit ramp in advance of the crossroad intersection. They should be arranged so attractions, camping, lodging, food, and gas information will be encountered in that order.*
- 11 *Where an assembly consisting of the D9-10 (see Section 2I.02) and/or a D9-1, D9-2, D9-13, NYM11-2, NYM11-5, or NYM11-6 (see Section 2I.02) is also used on the ramp, the Specific Service Ramp sign should be placed in advance of that assembly.*

*Option:*

- 12 Where left-side placement is not feasible, Specific Service Ramp signs may be placed on the right side of the exit ramp.
- 13 If placement of all Specific Service Ramp signs in advance of the crossroad intersection would result in inadequate longitudinal spacing, the last sign (or sign pair) in the series may be placed on the far side of the intersection.

## CHAPTER 2K. TOURIST-ORIENTED DIRECTIONAL SIGNS

### Section 2K.01 Purpose and Application

*DELETE Paragraphs 01, 05, and 06.*

*INSERT the following paragraphs:*

#### Support:

- 00A Tourist-Oriented Directional signs are for use to guide traffic from the numbered route system to tourist-oriented businesses not located on the system. They are also used to provide guidance to service facilities from freeways on which Specific Service signs (see Chapter 2J) are used.
- 00B Gas stations, restaurants, hotels, motels, campgrounds, trailer parks, resorts, antique shops, gift shops, art galleries, golf courses, and marinas are examples of tourist-oriented businesses. Service facilities are gas stations, restaurants, hotels and motels, campgrounds, and attractions which appear on Specific Service signs on a freeway mainline roadway.

#### Option:

- 00C The NY18-2 Tourist-Oriented Directional sign (see Sign Drawing SD-G9) may be used at intersections on conventional highways and expressways to guide traffic to tourist-oriented business and service facilities on other highways.
- 00D The NY18-3 Advance TOD sign (see Sign Drawing SD-G9) may be used in advance of the Tourist-Oriented Directional sign to provide information to allow motorists to prepare for turns. The Advance TOD sign may also be used to provide information about businesses straight ahead.

#### Guidance:

- 00E *The Advance TOD sign should normally be used to provide information about businesses straight ahead only where Tourist-Oriented Directional signs indicating businesses on the intersecting highway are used.*
- 00F *The Tourist-Oriented Directional and Advance TOD signs should only be used where directional guidance, using Tourist-Oriented Directional signs or other forms of guidance, exists at all subsequent turns or critical decision points.*

**Section 2K.02      Design**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

- 00A    **The designs of Tourist-Oriented Directional signs, Advance TOD signs and TOD business panels in New York shall be as provided in Sign Drawing SD-G9.**
- 00B    **Tourist-Oriented Directional and Advance TOD signs shall not contain more than four NY18-4 TOD business panels. Each panel shall be rectangular in shape and shall have a white legend and border on a blue background. The content of the legend on each TOD business panel shall be limited to the business identification for not more than one eligible tourist-oriented business. The legends shall not include promotional advertising.**
- 00C    **Arrows and distances shall be displayed on Tourist-Oriented Directional signs, but shall not be displayed on Advance TOD signs.**

**Option:**

- 00D    TOD business panels may display business names in white series B, C, or D lettering, or may display trademarks in their customary colors. When a trademark is used, the border may be omitted.

**Standard:**

- 00E    **Only trademarks which are registered with the Federal Division of Patents and Trademarks shall appear on TOD business panels.**

**Guidance:**

- 00F    *The arrows on Tourist-Oriented Directional signs should point in the general direction to be followed in turning onto the intersecting highway. Vertical and diagonal arrows, where used, should be similar to those used on Destination signs (see Section 2D.37), except that they should have wider shafts. Arrows pointing to the right of vertical should be on the right side of the sign. Arrows pointing to the left of vertical should be on the left side of the sign. Businesses to the left should appear above businesses to the right. Where more than one business lies in the same direction, those closer should appear above those more distant. Distances to businesses should be displayed within the arrows, and should be stated to the nearest mile. Where the stated distance would be less than one mile, it should be omitted.*
- 00G    *On Tourist-Oriented Directional signs, closer businesses should appear above those more distant.*

**Option:**

- 00H    Vertical arrows may be on either side of the Tourist-Oriented Directional sign, as appropriate.

**Section 2K.03      Style and Size of Lettering**

*DELETE Paragraph 01.*

*INSERT the following paragraph:*

*Guidance:*

- 00A      *All letters and numbers on Tourist-Oriented Directional signs, Advance TOD signs, and TOD Business panels should be upper-case. Any legend on a logo should be proportional to the size of the logo.*

**Section 2K.04      Arrangement and Size of Signs**

*DELETE Paragraphs 01, 04, and 05.*

*INSERT the following paragraphs:*

**Standard:**

- 00A      **Where five or more businesses are signed, two Tourist-Oriented Directional signs shall be used, one for businesses to the left, and one for businesses to the right.**

**Option:**

- 03A      At intersection approaches where four or fewer facilities are shown, the left-turn, right-turn, and straight ahead destination panels may be combined on the same sign.

**Section 2K.05      Advance Signs**

*DELETE the entire section.*

*INSERT the following paragraphs:*

*Guidance:*

- 00A      *Advance TOD signs should be limited to those situations where sight distance, intersection vehicle maneuvers, or other vehicle operating characteristics require advance notification of the services.*
- 00B      *The top line on an Advance TOD sign used to provide advance notice of a turn should read "NEXT LEFT" or "NEXT RIGHT" where there are no intervening intersections between the sign and the intersection to which it pertains. Where there is an intervening intersection, the top line should read "LEFT ½ MILE," or "RIGHT ½ MILE," as appropriate. The top line on an Advance TOD sign used to provide information about businesses straight ahead should read "AHEAD."*

**Standard:**

- 00C      **Where five or more businesses are signed, two Advance TOD signs shall be used, one for businesses to the left, and one for businesses to the right.**

**Section 2K.06      Sign Locations**

*DELETE Paragraphs 01 and 02.*

*INSERT the following paragraphs:*

*Guidance:*

- 00A      *Tourist-Oriented Directional signs should be placed in the near right corner of the intersection with the highway leading to the tourist-oriented business or service facility. Where four or less businesses are signed, a single sign should be used. It should be placed at least 200 feet in advance of the intersection.*
- 00B      *A Tourist-Oriented Directional sign for businesses to the left should precede a Tourist-Oriented Directional sign for businesses to the right. The signs should be placed at least 200 feet apart.*
- 00C      *Advance TOD signs used to provide advance notice of turns should be placed at the right roadside approximately one-half mile in advance of the intersection. A sign for businesses to the left should precede a sign for businesses to the right. Advance TOD signs used to provide information about businesses straight ahead should be placed in the far right corner of the intersection, unless Advance TOD signs for advance notice of turns are used. Where such signs are used, the Advance TOD sign for businesses straight ahead should be placed immediately after them.*
- 00D      *Advance TOD signs should be placed approximately 500 feet apart from each other.*

## CHAPTER 2L. CHANGEABLE MESSAGE SIGNS

### Section 2L.02 Application of Changeable Message Signs

*INSERT the following paragraphs:*

*Guidance:*

- 02A *Messages displayed on changeable message signs for highway safety campaigns, emergency homeland security, and AMBER alerts should meet the following:*
- A. Display of the message will have a positive effect on highway safety, and*
  - B. The message is a supplement to a specific national or statewide highway safety enforcement campaign which includes a coordinated media campaign, and*
  - C. The message meets general message content and display guidelines and provides a high level of motorist understanding and value, and*
  - D. The message should not be displayed for longer than 14 days per campaign, and*
  - E. The message should not be displayed during peak hour travel on high volume roadways where the message itself may cause congestion.*

*Guidance:*

- 05A *A changeable message sign should only display information that is associated with unexpected conditions, nonrecurring congestion, or unusual travel conditions. The content of the message on a changeable message sign should be based on the need for a motorist to take an action.*
- 05B *In the absence of accurate travel time or travel condition information, at locations where travel time information would not be useful, or when not being preempted with other, more important messages, the default display of a changeable message sign should be a blank sign.*

## CHAPTER 2M. RECREATIONAL AND CULTURAL INTEREST AREA SIGNS

### Section 2M.01 Scope

*DELETE Paragraph 03.*

*INSERT the following paragraph:*

**Standard:**

- 01A **Unless otherwise noted, symbol signs shall not be used along the main roadways of freeways in New York.**

### Section 2M.02 Application of Recreational and Cultural Interest Area Signs

*INSERT the following paragraph:*

**Standard:**

- 03A **Unless otherwise noted, symbol signs shall not be used along the main roadways of freeways in New York.**

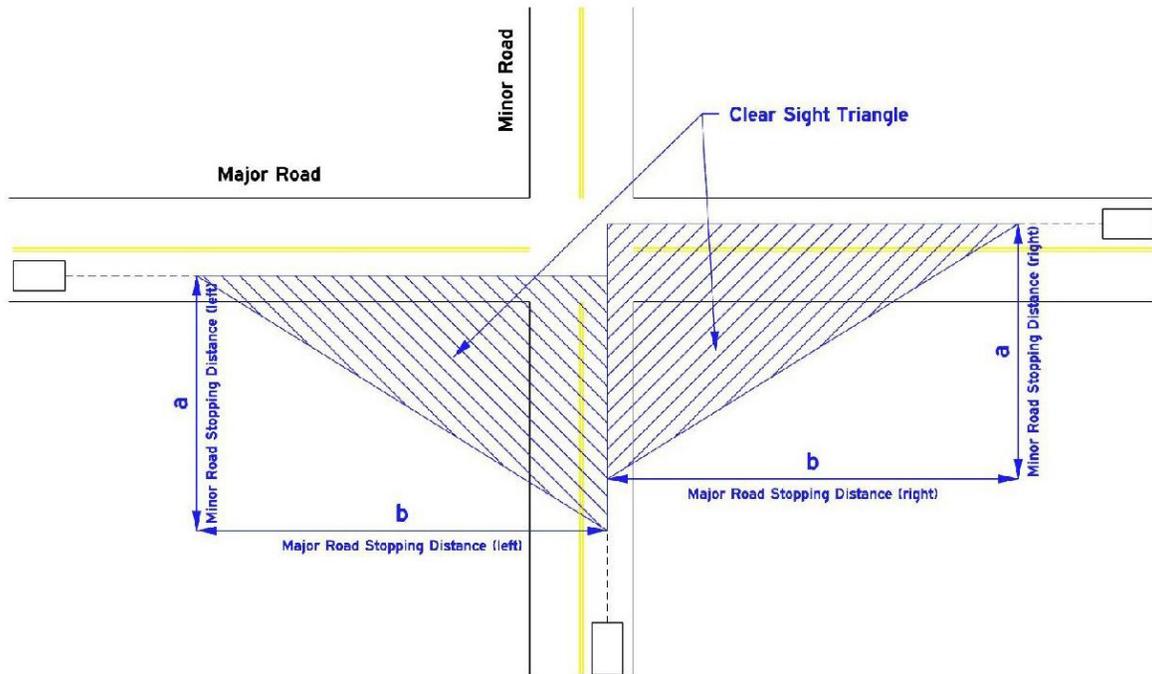
### Section 2M.04 General Design Requirements for Recreational and Cultural Interest Area Symbol Guide Signs

*INSERT the following paragraphs:*

**Standard:**

- 01A **Recreational and cultural interest area symbol signs listed in Table 2M-1 that are used on highways outside of recreational and cultural interest areas shall have white symbols and borders and brown backgrounds, except the Post Office (RS-026) symbol sign shall have a white symbol and border on a green background, and the Restrooms (RS-022) symbol sign shall have a white symbol and border on a blue background.**

**Figure 2B-101. Guide for STOP and YIELD Sign Use (Page 1 of 2)**



**Figure 2B-101. Guide for STOP and YIELD Sign Use (Page 2 of 2)**

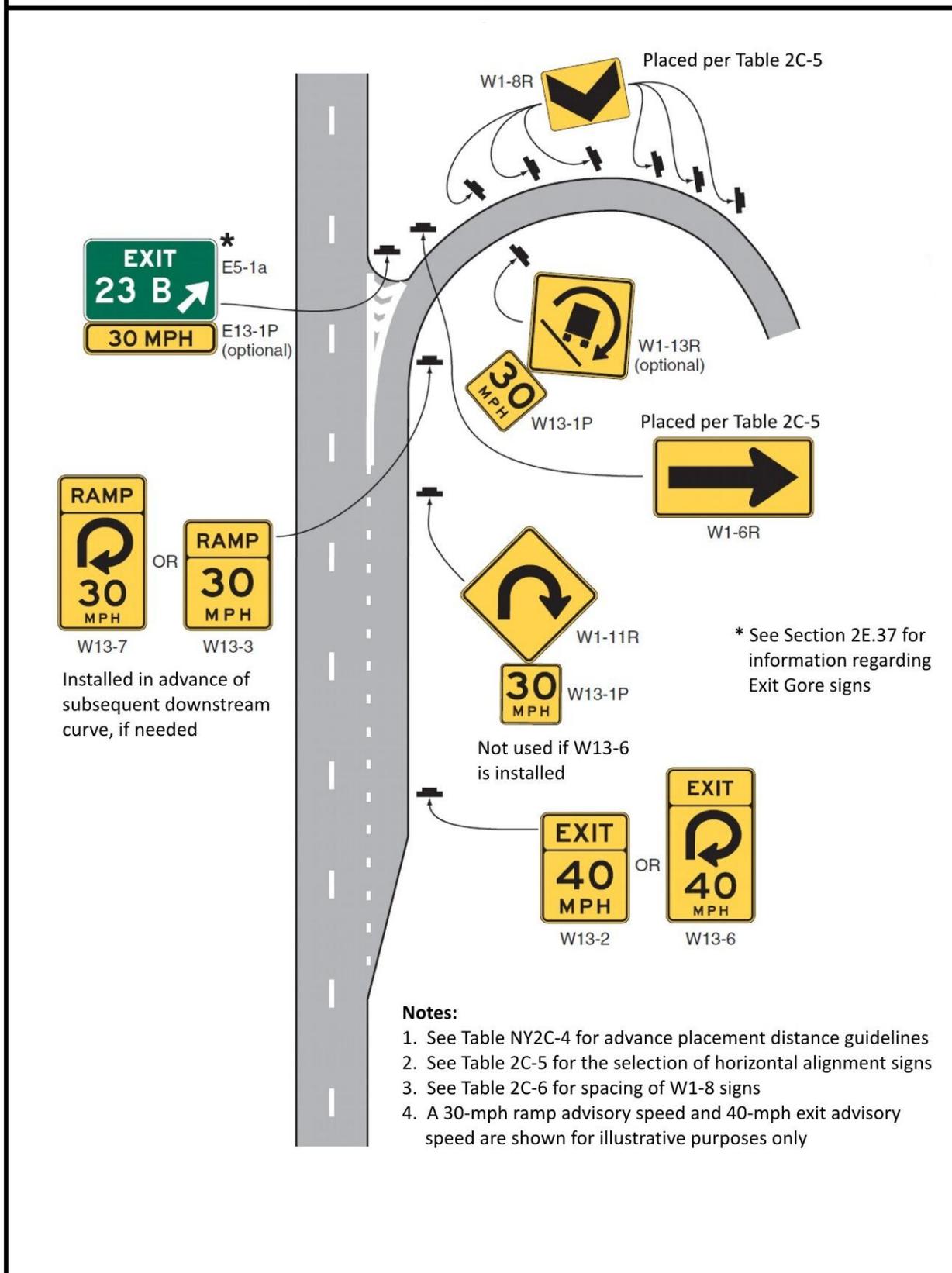
LENGTH OF SIGHT TRIANGLE LEGS (Four-Leg Intersection)			
Minor Road Speed (mph) <sup>1</sup>	Length of Leg a (ft) <sup>2</sup>	Major Road Speed (mph) <sup>1</sup>	Length of Leg b (ft) <sup>3</sup>
15	75	15	150
20	100	20	200
25	130	25	250
30	160	30	300
35	195	35	345
40	235	40	395
45	275	45	445
50	320	50	495
55	370	55	545
60	420	60	595
65	470	65	645
70	530	70	690
75	590	75	740
80	660	80	790

Notes:  
<sup>1</sup> The prevailing approach speed should be used, but the design or posted speed may be used if prevailing speed information is not available.  
<sup>2</sup> Distances are taken from Exhibit 9-60 in the 2004 AASHTO Policy.  
<sup>3</sup> Distances are taken from Exhibit 9-61 in the 2004 AASHTO Policy.

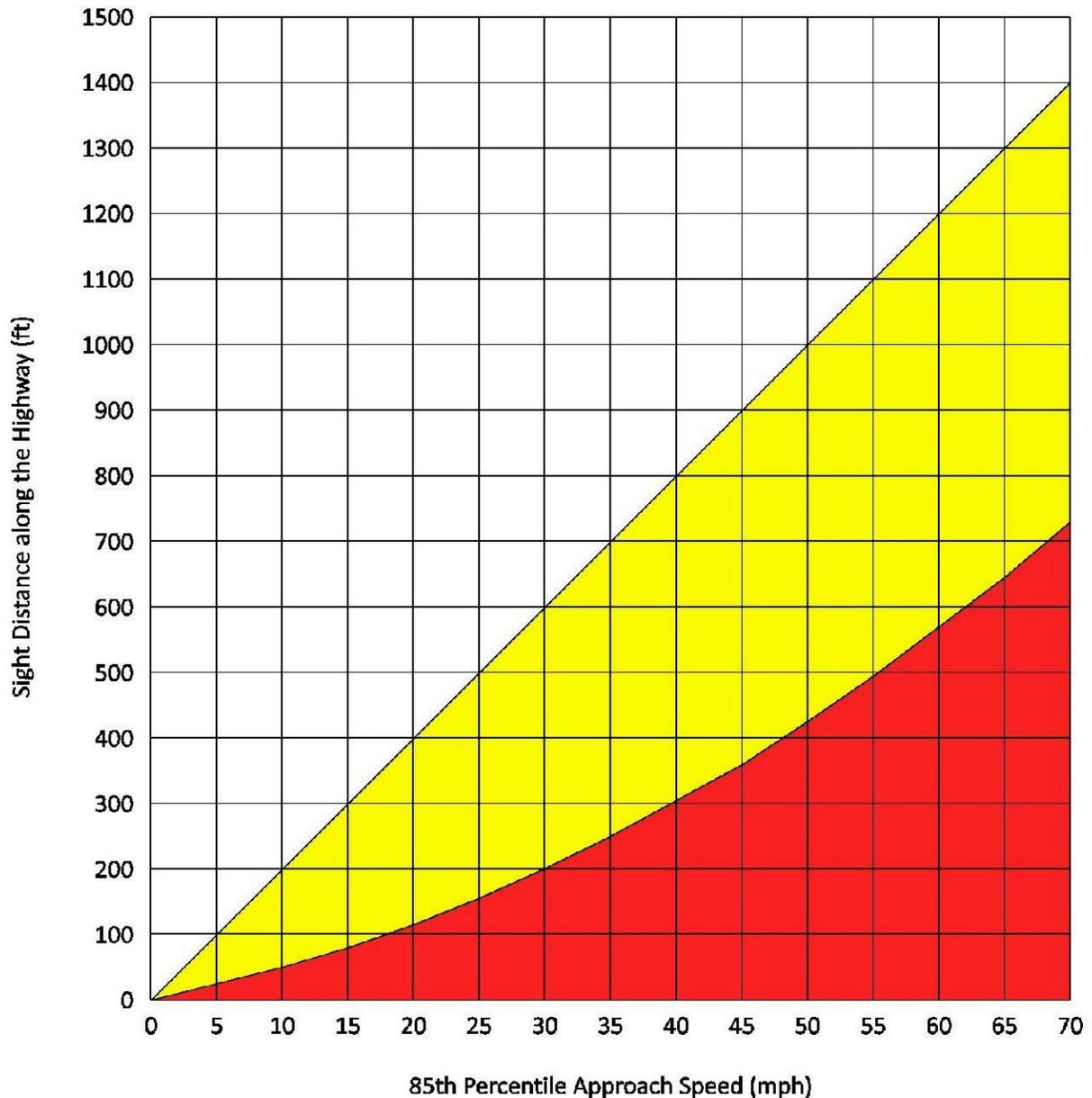
LENGTH OF SIGHT TRIANGLE LEGS (Three-Leg Intersection)	
Major Road Speed (mph) <sup>2</sup>	Length of Leg b (ft) <sup>3</sup>
15	180
20	240
25	295
30	355
35	415
40	475
45	530
50	590
55	650
60	710
65	765
70	825
75	885
80	945

Notes:  
<sup>1</sup> The length of leg a for a three-leg intersection is 82 ft. for all minor road approach speeds.  
<sup>2</sup> The prevailing approach speed should be used, but the design or posted speed may be used if prevailing speed information is not available.  
<sup>3</sup> Distances are taken from Exhibit 9-64 in the 2004 AASHTO Policy.

**Figure NY2C-3. Example of Advisory Speed Signing for an Exit Ramp**



**Figure 2C-101. Guide for Intersection Warning Sign Use**



**Notes:**

1. Yellow limit is based on 2004 AASHTO Policy Exhibit 3-1 for Stopping Sight Distance
2. Red limit is based on 2004 AASHTO Policy Equation 9-1 & Exhibit 9-54 (Combination truck with grade >3%)

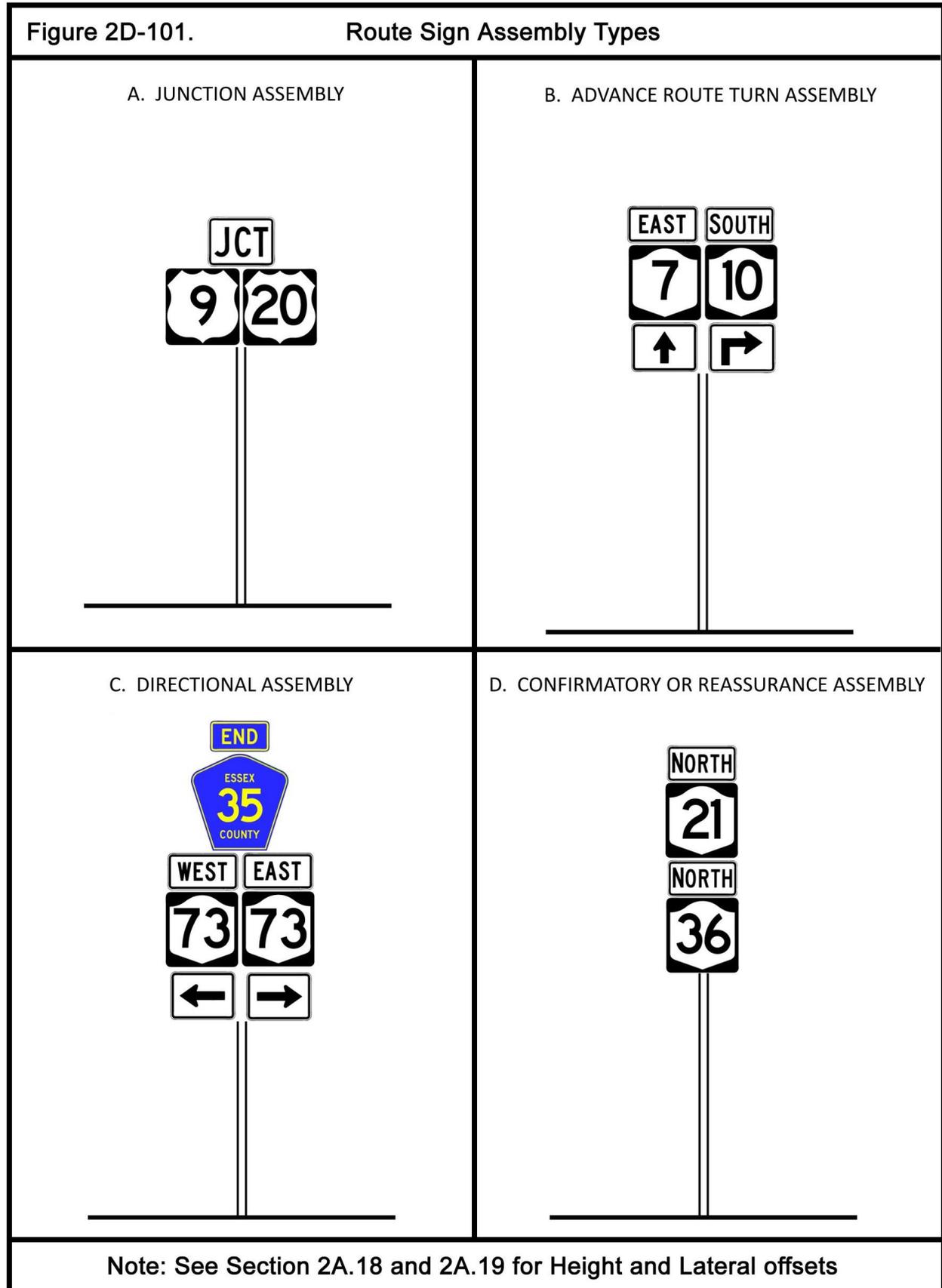
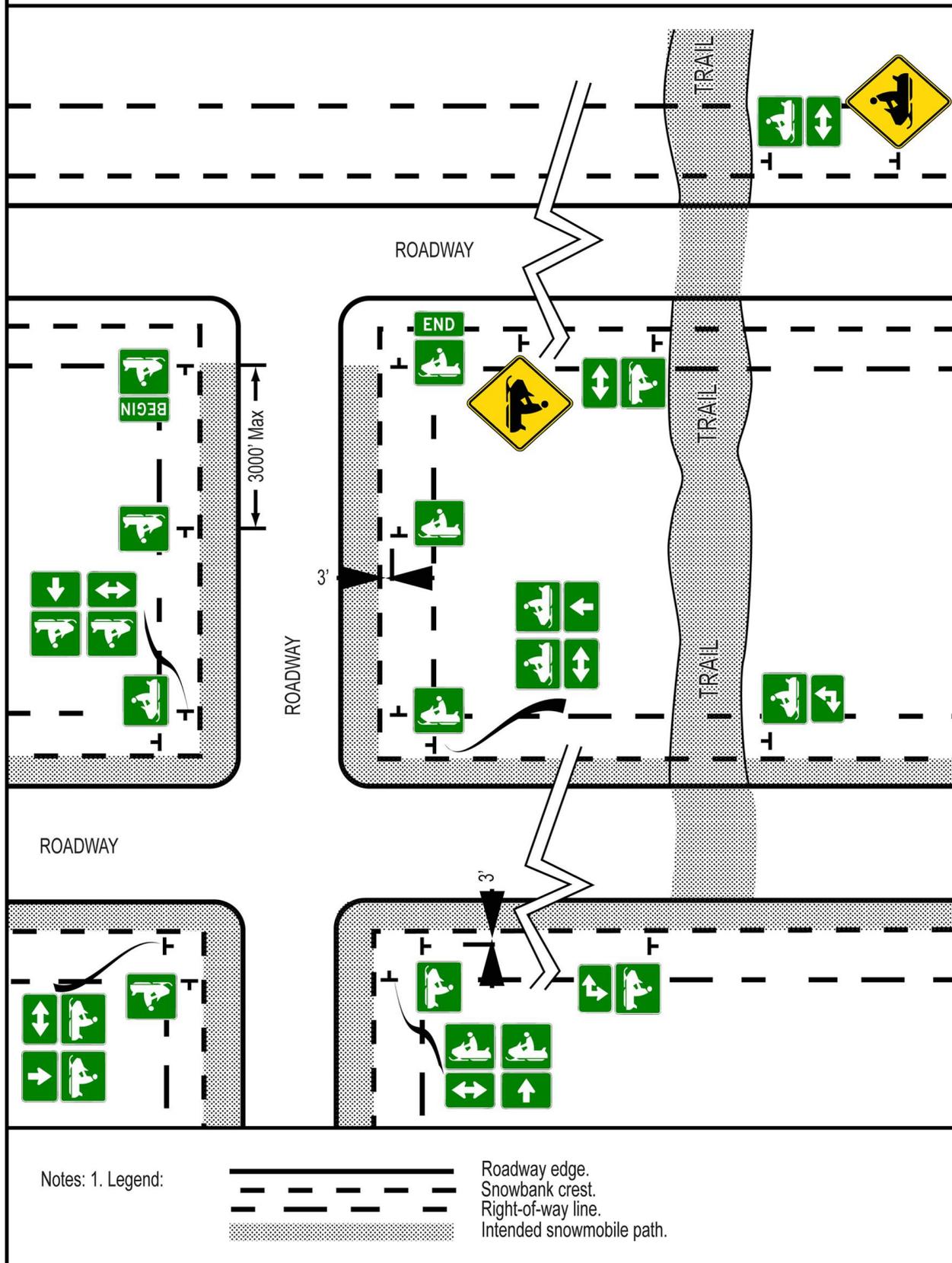
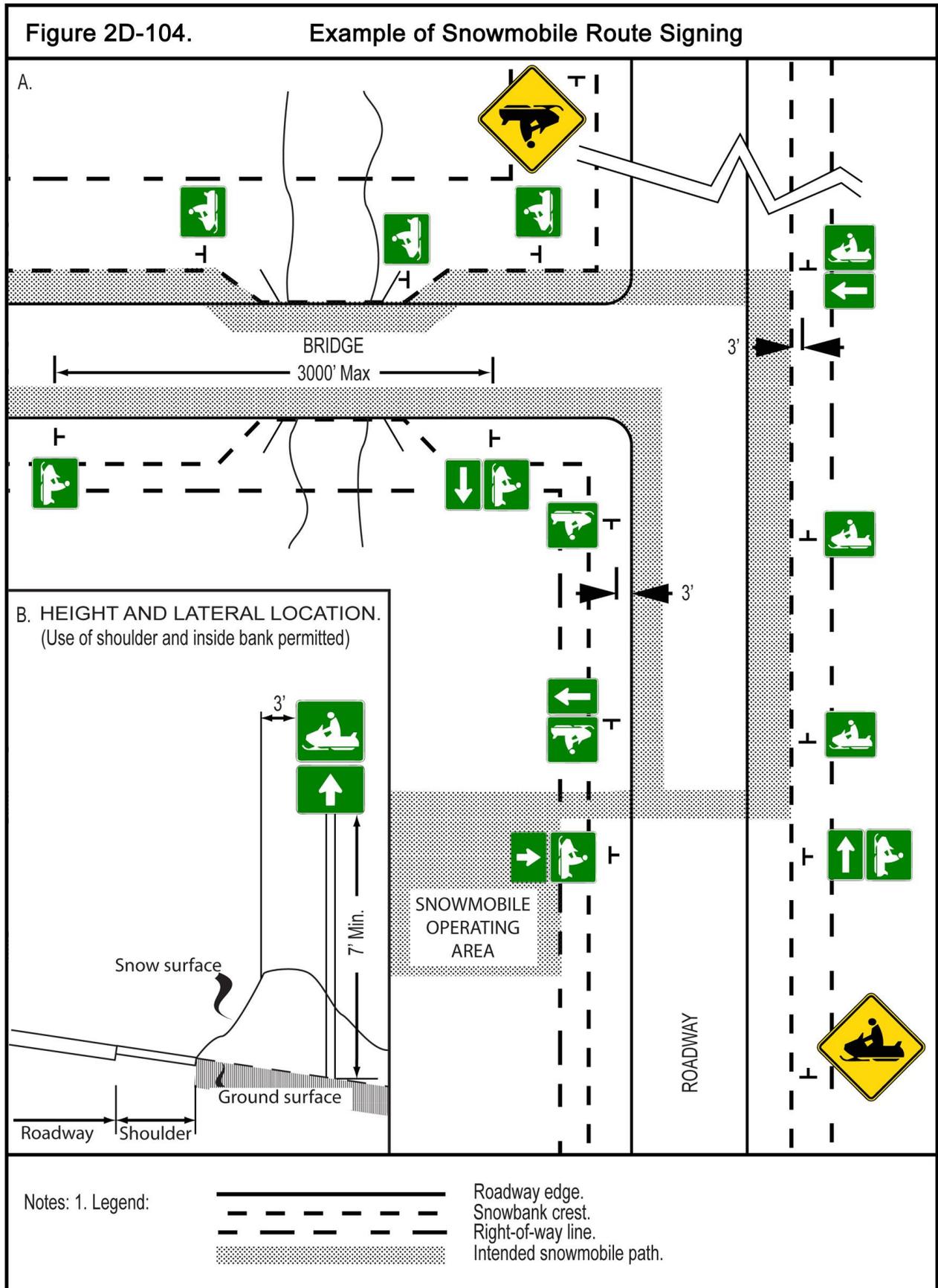


Figure 2D-103. Example of Snowmobile Route Signing







This page intentionally left blank.

# PART 3

## MARKINGS

### CHAPTER 3A. GENERAL

#### Section 3A.06 Functions, Widths and Patterns of Longitudinal Pavement Markings

*INSERT the following paragraph:*

Support:

- 03A See Figure 3B-101 for examples of widths and patterns for white and yellow longitudinal pavement markings.

## CHAPTER 3B. PAVEMENT AND CURB MARKINGS

### Section 3B.01 Yellow Center Line Pavement Markings and Warrants

*DELETE Paragraph 03.*

*INSERT the following paragraph:*

Option:

- 02A On roadways without continuous center line pavement markings, short sections may be marked with center line pavement markings to control the position of traffic at specific locations, such as around curves, over hills, on approaches to grade crossings, at grade crossings, at bridges, and on approaches to intersections.

### Section 3B.02 No-Passing Zone Pavement Markings and Warrants

*DELETE Paragraph 07.*

*INSERT the following paragraphs:*

Support:

- 00A An order, ordinance, rule, or regulation pertaining to the application of pavement markings in accordance with this manual is necessary for no-passing zones to be “official markings,” as referred to in Section 1126(a) of the New York State Vehicle and Traffic Law.

**Standard:**

- 06A **Yellow one-way or two way no-passing zone markings, as appropriate, shall connect no-passing zones when there is insufficient length for unrestricted passing, (i.e. less than 400 feet between successive no-passing zones).**

**Standard:**

- 06B **A no-passing zone for traffic in a particular direction shall be at least 400 feet in length. Where the actual no-passing distance is less than 400 feet, the additional length of yellow no-passing zone markings shall be added at the beginning of the zone.**

Support:

- 06C It is generally unnecessary to mark no-passing zones on two-lane, two-way urban highways. Speeds are generally low and, where markings are provided, the yellow broken centerline marking is usually sufficient.

**Standard:**

- 06D **Where used, the minimum length of a no-passing zone on two-lane, two-way urban highways shall be 200 feet.**

**Section 3B.04**      **White Lane Line Pavement Markings and Warrants**

*INSERT the following paragraph:*

Support:

- 03A      A solid double white line is used where lane changing is legally prohibited by official regulation. An order, ordinance, rule, or regulation establishing specific lane changing prohibitions for a particular section of roadway is necessary for no-lane-changing markings to be “official markings,” as referred to in Section 1128(d) of the New York State Vehicle and Traffic Law.

**Section 3B.07**      **Warrants for Use of Edge Lines**

*DELETE Paragraph 04.*

*INSERT the following paragraph:*

Option:

- 03A      Edge line markings may be placed on other paved streets or highways, with or without center line markings.

**Section 3B.09**      **Lane-Reduction Transition Markings**

*DELETE Figure 3B-14.*

*INSERT Figure NY3B-14.*

**Section 3B.13**      **Raised Pavement Markers Supplementing other Markings**

*DELETE Paragraph 01.*

*INSERT the following paragraphs:*

Support:

- 02A      Raised pavement markers are often used to supplement longitudinal markings to improve visibility at night and in inclement weather and to supplement other markings for channelizing islands or approaches to obstructions.

Option:

- 03A      Raised pavement markers used to supplement solid lines, broken lines, and dotted lines may be placed either directly in line with, or slightly offset from, the supplemented line. When placed in line with broken or dotted lines, they may be positioned in the gaps between the line segments. When offset from double lines, the markers should be placed outside of each line element.

*Guidance:*

- 04A *Red raised pavement markers used to supplement symbols or transverse lines such as crosswalk lines, stop lines, clearance lines, and crossbars should be placed at intervals of 15 inches or less.*
- 04B *Markers representing longitudinal elements in symbols should be spaced a maximum of 60 inches apart. A maximum spacing of 30 inches should be used for diagonal elements and a maximum spacing of 15 inches should be used for transverse elements.*

**Section 3B.14      Raised Pavement Markers Substituting for Pavement Markings**

*INSERT the following paragraphs:*

*Guidance:*

- 03A *Where used to substitute for broken line markings, raised pavement markers should be placed at the beginning and end of each line segment and at intervals in between. The spaces between markers should not exceed 40 inches.*

*Support:*

- 03B This positioning criteria applies to markers used to substitute for broken line elements in lane markings, centerline markings, reversible lane markings, and two-way left turn markings.

*Guidance:*

- 04A *Raised pavement markers used to simulate solid lines, roadway edge lines, and channelizing lines should be placed at intervals of 60 inches or less.*

*Support:*

- 04B This spacing applies to markers used to substitute for the solid line elements in lane markings, centerline markings, two-way left turn markings, and offset centerline markings.

*Guidance:*

- 06A *Red raised pavement markers used to substitute for symbols or transverse lines such as crosswalk lines, stop lines, clearance lines, and crossbars should be placed at intervals of 15 inches or less.*
- 06B *Markers representing longitudinal elements in symbols should be spaced a maximum of 60 inches apart. A maximum spacing of 30 inches should be used for diagonal elements; a maximum spacing of 15 inches should be used for transverse elements.*

### Section 3B.19 Parking Space Markings

*INSERT the following paragraphs:*

**Standard:**

- 03A **Transverse lines shall be used where parking spaces are marked on a roadway which does not have standard centerline or lane markings.**

Option:

- 03B On roadways which have standard centerline or lane markings, the parking lane may be indicated by a dotted line consisting of uniform line segments 4 feet in length separated by uniform gaps approximately 20 feet long.

*Guidance:*

- 03C *Where peak-hour parking prohibitions permit the use of the parking lane as a travel lane, the parking lane should be at least 10 feet wide.*

Option:

- 03D An edge line may be used to separate the travel lanes from the parking lanes.

**Standard:**

- 03E **Angle parking sections, where marked, shall be indicated by parallel lines defining the individual parking stalls. Such lines shall extend into the roadway for a distance of between 17 to 21 feet.**

Option:

- 03F The ends may be connected by a continuous longitudinal line.

**Standard:**

- 03G **Stall width in angled parking sections shall allow sufficient space between parked vehicles to permit opening of vehicle doors.**

### Section 3B.20 Pavement Word, Symbol, and Arrow Markings

*DELETE Paragraph 25.*

*DELETE Figure 3B-14.*

*INSERT Figure NY3B-14 and the following paragraphs:*

*Guidance:*

- 15A *When used, the top of the STOP or YIELD word marking should be approximately 10 feet in advance of the stop or yield line.*

**Standard:**

- 24A **Word and symbol pavement markings shall not be used to inform motorists of mandatory messages, except as a supplement to standard signs. Where a movement that would otherwise be legal is to be prohibited, such as when through traffic lanes approaching an intersection become mandatory turn lanes, lane-use arrow markings (see Figure 3B-21) shall be used and accompanied by standard signs.**
- 24B **All references to “Figure 3B-14” in the MUTCD shall be understood to actually refer to Figure NY3B-14.**

**Support:**

- 24C A mandatory movement is one which is required by order, ordinance, rule or regulation, or which results from the prohibition of other movements by order, ordinance, rule or regulation.

**Section 3B.23 Curb Markings**

*DELETE Paragraphs 02 through 05.*

*INSERT the following paragraphs:*

**Support:**

- 01A Where used to delineate the curb, visibility is generally improved, especially during night hours. They become, in effect, edge markings delineating the edge of the roadway.

**Support:**

- 06A This is considered good practice for the following reasons:
- A. In the winter, curb markings are frequently obliterated by snow and ice; and
  - B. Road users with visual deficiencies can find it difficult to distinguish colors and/or read word markings on curbs, especially at night.

**Standard:**

- 07A **A colored curb shall not be used to convey parking regulations. Signs shall be the primary method to indicate non-statutory parking regulations. Where curbs are marked, the colors shall conform to the general principles of markings (see Section 3A.05).**

**Option:**

- 07B Legible word markings may be used to convey a general statutory prohibition of parking within a specific distance of a STOP sign, driveway, fire hydrant, or crosswalk.

## CHAPTER 3C. ROUNDABOUT MARKINGS

### Section 3C.06 Pavement Word and Symbol Markings for Roundabouts

*DELETE Paragraph 06.*

*INSERT the following paragraph:*

**Standard:**

- 05A **If used on approaches to a roundabout, lane-use arrows shall be fish-hook arrows, and the arrow in the left-most lane shall include an oval symbolizing the central island as shown in Figure 3C-2.**
- 05B **If lane use arrows are used on approaches to roundabouts, the arrows used on intersection lane control (R3-5, R3-6, and R3-8 series) signs (see Section 2B.19) shall also be fish-hook.**

## CHAPTER 3F. DELINEATORS

### Section 3F.04 Delineator Placement and Spacing

*DELETE Paragraph 05.*

*INSERT the following paragraphs:*

*Guidance:*

- 04A *Delineators should be spaced 200 feet apart on mainline tangent sections. Delineators should be spaced 100 feet apart on ramp tangent sections.*

*Option:*

- 04B *Other, closer regular spacing may be used.*

## CHAPTER 3I. ISLANDS

### Section 3I.01 General

*INSERT the following paragraphs:*

Support:

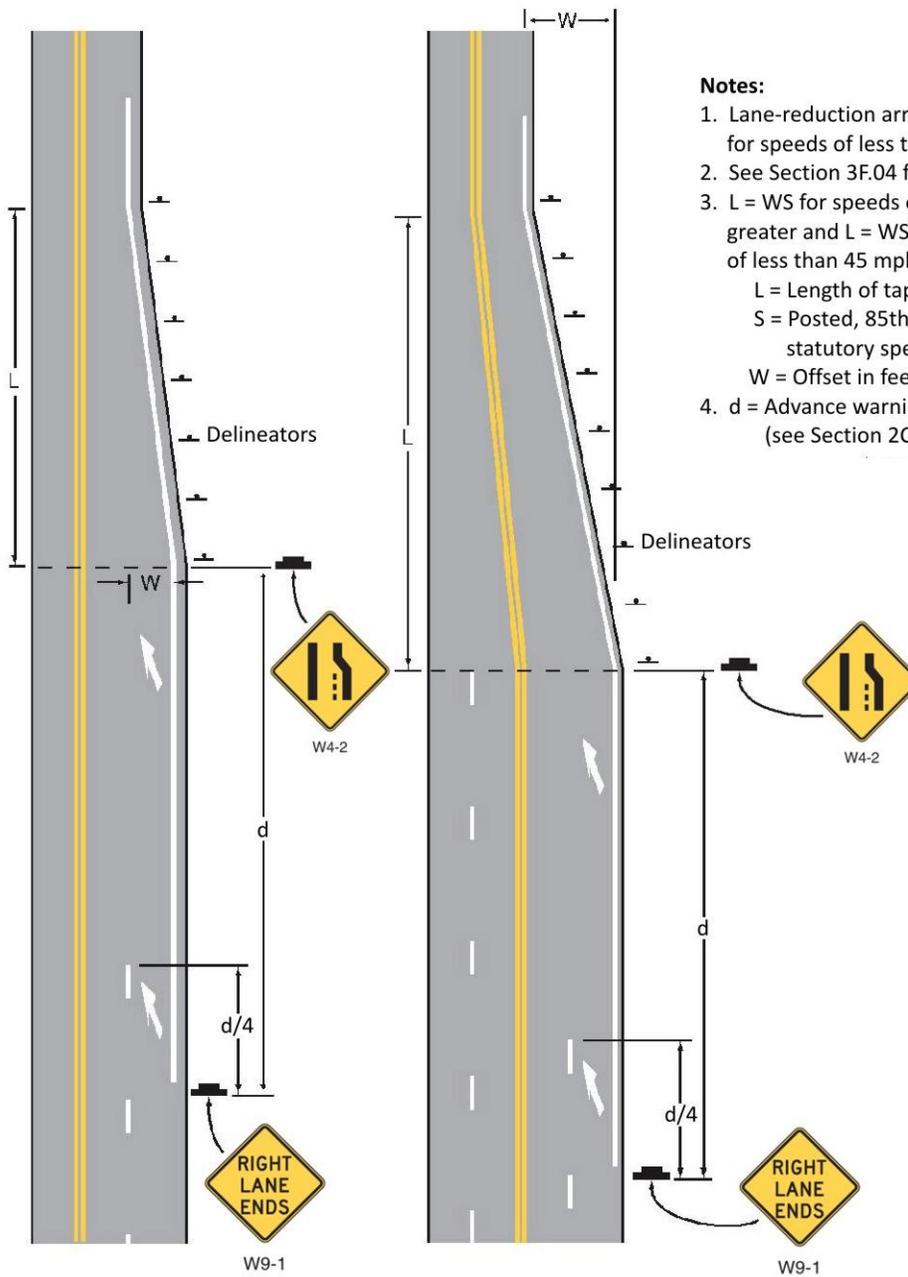
- 01A While islands frequently serve more than one purpose, they are generally classified according to their main function as pedestrian refuge islands, traffic divisional islands, or traffic channelizing islands.
- 01B Pedestrian refuge islands:
- A. Refuge islands provide areas for pedestrians where it is difficult to cross the entire roadway at one time.
  - B. Refuge islands are particularly useful in urban areas where there is a significant volume of pedestrian traffic and heavy vehicular traffic volumes make it difficult for pedestrians to cross, such as on multi-lane roadways, in large or irregularly shaped intersections, and at signalized intersections.
  - C. A continuous median between intersections is appropriate when refuge islands are required at each intersection along a highway.
  - D. Passenger loading islands are a special class of refuge islands that provide pedestrian refuge while loading and unloading passengers from transit vehicles.
- 01C Divisional islands:
- A. Divisional islands are used to separate traffic. They are used between opposing traffic streams (for example, the median of a divided highway) or between traffic lanes in the same direction (for example, to separate a left-turn lane from the adjacent through traffic lane). Divisional islands are also used to guide traffic past an obstruction in the roadway, to separate opposing traffic in advance of an intersection, or to prevent passing and/or lane encroachment at certain locations such as sharp curves or narrow underpasses.
  - B. Medians are continuous divisional islands. They provide a buffer area between opposing streams of traffic, protection and control of crossing and turning traffic, and refuge for pedestrians.
- 01D Channelizing islands:
- A. The primary function of a channelizing island is to control and guide a motorist into the proper lane for the intended movement. Channelizing islands are also used in broad expanses of pavement to promote an orderly flow of traffic.
  - B. Channelization is particularly helpful at highways intersecting at oblique angles, at three-leg junctions, and at multi-leg intersections.
  - C. Channelizing islands are used for separation and special control of turning movements.

Figure NY3B-14.

Examples of Applications of Lane-Reduction Transition Markings

A - Lane Reduction

B - Lane Reduction with Lateral Shift to the Left



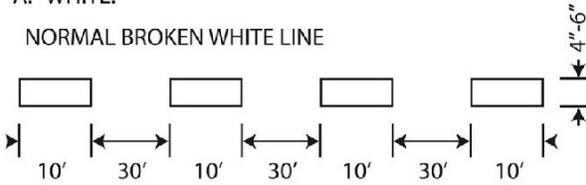
Notes:

1. Lane-reduction arrows are optional for speeds of less than 45 mph
2. See Section 3F.04 for delineator spacing
3.  $L = WS$  for speeds of 45 mph or greater and  $L = WS^2/60$  for speeds of less than 45 mph, where:  
 $L$  = Length of taper in feet  
 $S$  = Posted, 85th-percentile, or statutory speed in mph  
 $W$  = Offset in feet
4.  $d$  = Advance warning distance (see Section 2C.05)

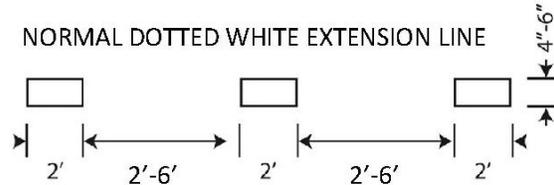
**Figure 3B-101. Example of Longitudinal Line Markings**

**A. WHITE.**

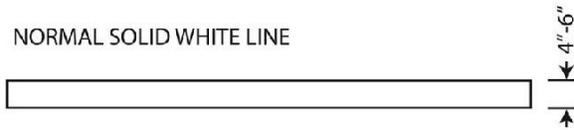
NORMAL BROKEN WHITE LINE



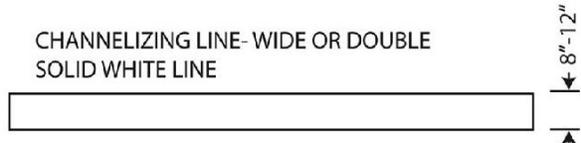
NORMAL DOTTED WHITE EXTENSION LINE



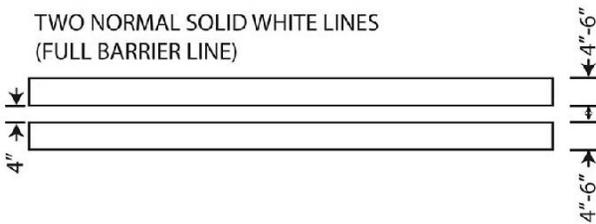
NORMAL SOLID WHITE LINE



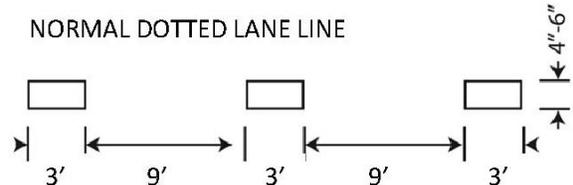
CHANNELIZING LINE- WIDE OR DOUBLE SOLID WHITE LINE



TWO NORMAL SOLID WHITE LINES  
(FULL BARRIER LINE)

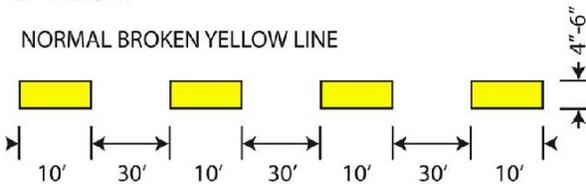


NORMAL DOTTED LANE LINE

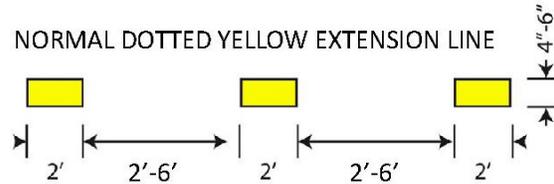


**B. YELLOW.**

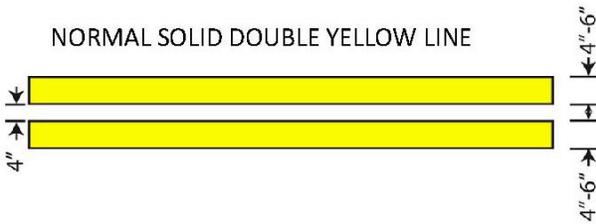
NORMAL BROKEN YELLOW LINE



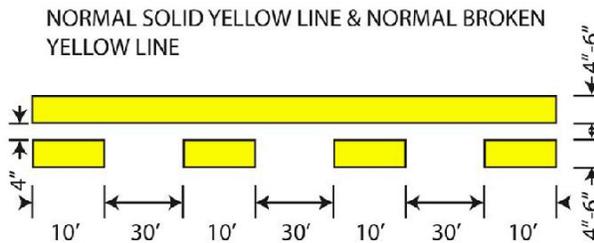
NORMAL DOTTED YELLOW EXTENSION LINE



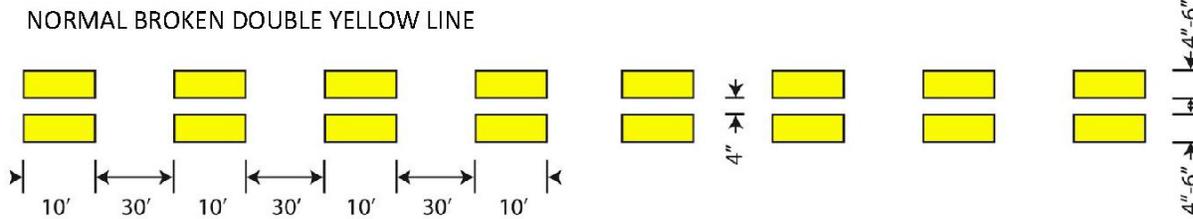
NORMAL SOLID DOUBLE YELLOW LINE



NORMAL SOLID YELLOW LINE & NORMAL BROKEN YELLOW LINE



NORMAL BROKEN DOUBLE YELLOW LINE



This page intentionally left blank.

# PART 4

## HIGHWAY TRAFFIC SIGNALS

### CHAPTER 4A. GENERAL

#### Section 4A.01 Types

*INSERT the following paragraphs:*

Support:

- 01A Motorists approaching a traffic signal must presume that the signal is intended to function. Except in the case of ramp metering, pedestrian hybrid beacons, emergency-vehicle hybrid beacons, or automatic toll collection signals, motorists must presume that equipment failure is the reason for signal controlling indications to not be illuminated.
- 01B Section 1117 of the New York State Vehicle and Traffic Law states that if an intersection governed by a traffic-control signal is out of service or otherwise malfunctioning, motorists must stop in the manner required for stop signs set forth in Section 1172 of the New York State Vehicle and Traffic Law and proceed according to the rules of right of way for vehicles.

## CHAPTER 4C. TRAFFIC CONTROL SIGNAL NEEDS STUDIES

### Section 4C.08 Warrant 7. Crash Experience

*INSERT the following paragraph:*

Support:

- 03A Types of accidents have an important bearing on the need for signalization. However, installation of a signal because of one spectacular or highly publicized accident is not justified.
- A. Traffic control signals cannot be expected to reduce the following types of accidents:
    - 1. Rear-end collisions (which usually increase after signalization);
    - 2. Collisions between vehicles proceeding in the same or opposite directions where one turns across the path of the other, if no independent signal interval will be provided for these turn movements; and
    - 3. Accidents involving pedestrians and turning vehicles when both move during the same "go" interval.
  - B. Traffic control signals when obeyed by drivers and pedestrians can be expected to reduce the number and severity of the following types of accidents:
    - 1. Substantially right-angle collisions or those involving conflicts between vehicles which approach on intersecting highways;
    - 2. Those involving conflicts between straight-moving vehicles and crossing pedestrians; and
    - 3. Those involving straight-moving vehicles and left-turning vehicles approaching from opposite directions, if a protected left turn interval will be provided during the signal cycle for the left turn movement.

## CHAPTER 4D. TRAFFIC CONTROL SIGNAL FEATURES

### Section 4D.05 Application of Steady Signal Indications

*INSERT the following paragraph:*

Option:

- 04A If a protected U-turn movement is provided, and right turns on red are allowed from the conflicting approach from the left, a RIGHT TURN ON RED MUST YIELD TO U-TURN (R10-30) sign (see Section 2B.54) may be used to advise road users making the right turn on red of the operation.

### Section 4D.12 Visibility, Aiming, and Shielding of Signal Faces

**Standard:**

- 19A **Signal heads shall be dark green or yellow.**

Support:

- 19B Visibility of signal indications, particularly red indications, is usually more important than visibility of the signal heads themselves. Green signal heads offer greater contrast to the signal indications. Yellow signal heads have application where contrast with the background is considered more important than contrast with the signal indications.

### Section 4D.13 Lateral Positioning of Signal Faces

*DELETE Paragraph 03.*

*INSERT the following paragraphs:*

**Standard:**

- 02A **The required signal faces for through traffic on an approach shall be located not less than 8 feet apart measured horizontally perpendicular to the approach between the centers of the signal faces, nor more than 27 feet apart.**
- 02B **Primary signal faces shall be located laterally, with respect to the intersection approach which they are intended to control, within the following limitations:**
- 1. No face shall be located more than 10 feet to the right of the right edge of the roadway;**
  - 2. No face shall be located more than 10 feet to the left of the left edge of the intersection;**
  - 3. At least one face shall be located at, or to the right of, the left edge of the approach.**

**Standard:**

- 09A **When a primary signal face controls left turn movements , no other vehicular signal face associated with that intersection approach shall be to the left of that face, other than a supplemental face which displays the same indications.**
- 09B **When a primary signal face controls right turn movements, no other vehicular signal face associated with that intersection approach shall be to the right of that face, other than a supplemental face which displays the same indications.**

**Standard:**

- 10A **If supplemental signal faces are used, they shall be located laterally:**
- A. Not more than 10 feet to the right of the right edge of the roadway, or right curb line extended, whichever is further to the right; and**
  - B. Not more than 10 feet to the left of the left edge of the intersection.**
  - C. So that each face, with indications visible from any location, shall be spaced laterally at least 8 feet from the next adjacent face with indications visible from the same location;**
  - D. So that when a primary signal face controls left turn movements associated with the same intersection approach, they shall not be to the left of that primary face unless they display the same indications; and**
  - E. So that when a primary signal face controls right turn movements associated with the same intersection approach, they shall not be to the right of that primary face unless they display the same indications.**

**Section 4D.14 Longitudinal Positioning of Signal Faces**

*DELETE Paragraph 03.*

*INSERT the following after A.3. in Paragraph 01:*

**Standard:**

- 4. No face shall be more than 30 feet beyond the intersecting roadway.**

*INSERT the following paragraphs:*

**Standard:**

- 01A **A primary separate left-turn or separate right-turn signal face that does not meet the location requirements of Paragraph 01 shall be located longitudinally not less than 15 nor more than 120 feet beyond the stop line on the lanes controlled.**

**Guidance:**

- 02A *When used, supplemental signal faces should be located longitudinally at, or not more than 120 feet beyond, the stop line in the lane or lanes each controls.*

**Section 4D.15      Mounting Height of Signal Faces**

*DELETE Paragraph 03.*

*INSERT the following paragraphs:*

**Standard:**

- 02A      **The bottom of the signal housing and any related attachments to a vehicular signal face located over any portion of a highway that can be used by motor vehicles shall be at least 15 feet above the pavement and not more than 19 feet above the pavement.**

**Guidance:**

- 02B      *The bottom of a signal housing and any related attachments to a vehicular signal face located over any portion of a highway that can be used by motor vehicles should be located approximately 17 feet above the pavement.*

**Guidance:**

- 04A      *The bottom of a signal housing (including brackets) of a vehicular signal face that is vertically arranged and not located over a roadway:*
- A. *Should be approximately 12 feet above the sidewalk or, if there is no sidewalk, above the pavement grade at the center of the roadway.*
  - B. *Should be approximately 12 feet above the median island grade of the center median if located on the near side of the intersection.*

**Section 4D.29      Flashing Operation – Transition Into Flashing Mode**

*INSERT the following paragraph:*

**Option:**

- 03A      *Emergency changes from stop-and-go operation to flashing operation (for example, when a display of conflicting green indications is sensed by the control equipment) may occur at any time.*

**Section 4D.31      Flashing Operation – Transition Out of Flashing Mode**

*INSERT the following paragraph:*

**Guidance:**

- 03A      *Pre-planned automatic changes from flashing to stop-and-go operation should be made at the beginning of the artery green interval where practicable, preferably at the beginning of the common green interval (i.e. when a green indication is shown in both directions on the artery). Pre-planned automatic changes from stop-and-go to flashing operation should be made at the end of the common artery red interval where practicable (i.e. when a red indication is shown in both directions on the artery).*

## CHAPTER 4E. PEDESTRIAN CONTROL FEATURES

### Section 4E.05 Location and Height of Pedestrian Signal Heads

*DELETE Paragraph 02.*

*INSERT the following paragraph:*

**Standard:**

- 01A **If pedestrian signal heads are mounted on the same support as vehicular signal heads, there shall be a physical separation of at least 1 foot between them.**

## CHAPTER 4G. TRAFFIC CONTROL SIGNALS AND HYBRID BEACONS FOR EMERGENCY VEHICLE ACCESS

### Section 4G.01 Applications of Emergency-Vehicle Traffic Control Signals and Hybrid Beacons

*DELETE the entire section.*

*INSERT the following paragraphs:*

Support:

- 00A An emergency-vehicle traffic control signal is a special traffic control signal that assigns the right-of-way to an authorized emergency vehicle. Adherence to certain warrants and guidelines is necessary to prevent indiscriminate application, with resultant motorist disregard for warranted installations.
- 00B While emergency signals make it easier for emergency vehicles to enter and proceed along highways, they can be disadvantageous for volunteer personnel trying to reach an emergency vehicle facility. Volunteers traveling to the facility are not permitted to proceed through red indications. Red indications on the highway approaches to an emergency vehicle facility and their attendant traffic queues may increase volunteers' response times.

Option:

- 00C An emergency-vehicle hybrid beacon may be installed instead of an emergency-vehicle traffic control signal under conditions described in Section 4G.04

Guidance:

- 00D *An emergency-vehicle traffic control signal should be provided only if there is a demonstrated need. Consideration should first be given to providing less sophisticated solutions (e.g., warning signs and/or flashing beacon assemblies) to operational problems.*
- 00E *The factors to be considered in determining the need for an emergency-vehicle traffic control signal should include: vehicular volumes and speeds; the number and timing of emergency vehicle movements; visibility of the emergency vehicles to approaching traffic; sight distance along the highway at the point where emergency vehicles enter the roadway or intersection; and emergency vehicle accident experience.*

- 00F *The following warrants should be applied in considering the installation of an emergency-vehicle traffic control signal:*
- A. Two-lane highways. Emergency-vehicle traffic control signals should be used on two-lane highways only where, within a two-year period, 200 emergency calls occur during times when the rate of flow on the highway is at least:
    - 1. 750 vehicles per hour; or
    - 2. 525 vehicles per hour, if the 85th-percentile highway speed is over 40 miles per hour; or
    - 3. 525 vehicles per hour if the stopping sight distance for vehicles approaching on the major street is insufficient to permit reasonably safe entrance of emergency vehicles; or
    - 4. 375 vehicles per hour, if the 85th-percentile highway speed is over 40 miles per hour and the stopping sight distance for vehicles approaching on the major street is insufficient to permit reasonably safe entrance of emergency vehicles.
  
  - B. Four-lane highways. Emergency-vehicle traffic control signals should be used on four-lane highways only where, within a two-year period, 200 emergency calls occur during times when the rate of flow on the highway is at least:
    - 1. 900 vehicles per hour; or
    - 2. 630 vehicles per hour, if the 85th-percentile highway speed is over 40 miles per hour; or
    - 3. 630 vehicles per hour if the stopping sight distance for vehicles approaching on the major street is insufficient to permit reasonably safe entrance of emergency vehicles; or
    - 4. 450 vehicles per hour, if the 85th-percentile highway speed is over 40 miles per hour and the stopping sight distance for vehicles approaching on the major street is insufficient to permit reasonably safe entrance of emergency vehicles.

Support:

- 00G The stopping sight distance may be determined using the 2004 AASHTO Policy, Stopping Sight Distance, Exhibit 3-1.

## CHAPTER 4L. FLASHING BEACONS

### Section 4L.01 General Design and Operation of Flashing Beacons

*DELETE Paragraph 04.*

*INSERT the following paragraph:*

**Standard:**

03A **A beacon shall not be included within the border of a sign.**

### Section 4L.03 Warning Beacon

*INSERT the following paragraph:*

**Standard:**

08A **If used with a WHEN FLASHING (NYR7-13P, NYR7-13aP) plaque (see sign drawing SD-R11), Warning Beacons shall be operated only when the condition or regulation is in effect.**

### Section 4L.04 Speed Limit Sign Beacon

*DELETE Paragraph 04.*

## CHAPTER 4M. LANE-USE CONTROL SIGNALS

### Section 4M.02 Meaning of Lane-Use Control Signal Indications

*INSERT the following paragraph:*

Support:

- 01A Section 1116 of the New York State Vehicle and Traffic Law specifies that traffic facing a flashing yellow X signal may travel in any lane over which such signal is shown preparatory to making a left turn, using proper caution. The MUTCD equivalent of this device is for a signal face to have either a WHITE TWO-WAY LEFT TURN ARROW or a WHITE ONE-WAY LEFT TURN ARROW. At this time, the New York State Vehicle and Traffic Law does not allow a signal face to have either of the two signal indications involving white turn arrows.

*DELETE C. and D. of Paragraph 01.*

*INSERT the following text at the end of Paragraph 01:*

Standard:

- F. A steady WHITE TWO-WAY LEFT TURN ARROW signal indication shall not be used in New York, pending legislative action to amend Section 1116 of the Vehicle and Traffic Law.
- G. A steady WHITE ONE-WAY LEFT TURN ARROW signal indication shall not be used in New York, pending legislative action to amend Section 1116 of the Vehicle and Traffic Law.

### Section 4M.03 Design of Lane-Use Control Signals

*DELETE Paragraphs 01, 03, 05, and 13.*

*INSERT the following paragraphs:*

Standard:

- 00A All lane-use control signal indications shall be in units with rectangular signal faces and shall have opaque backgrounds. Nominal minimum height and width of each DOWNWARD GREEN ARROW, YELLOW X, and RED X signal face shall be 18 inches for typical applications.

Standard:

- 02A Each reversible lane that also operates as a two-way or one-way left-turn lane during certain periods shall have signal faces that also include the applicable flashing YELLOW X symbol.

**Standard:**

- 04A **If in separate signal sections, the relative positions from left to right of the signal indications shall be RED X, YELLOW X, and DOWNWARD GREEN ARROW.**

**Option:**

- 12A In areas with minimal visual clutter and with speeds of less than 40 MPH, lane-use control signal faces with nominal height and width of 12 inches may be used for the DOWNWARD GREEN ARROW, YELLOW X, and RED X signal faces.

**Section 4M.04      Operation of Lane-Use Control Signals**

*DELETE Paragraphs 02, 03, and 04.*

*INSERT the following paragraphs:*

**Standard:**

- 01A **For reversible-lane control signals, the following combination of signal indications shall not be simultaneously displayed over the same lane to both directions of travel:**
- A. DOWNWARD GREEN ARROW in both directions;**
  - B. Steady YELLOW X in both directions;**
  - C. DOWNWARD GREEN ARROW in one direction and steady YELLOW X in the other direction;**
  - D. Flashing YELLOW X in one direction and steady YELLOW X in the other direction.**
- 01B **A moving condition in one direction shall be terminated either by the immediate display of a RED X signal indication or by a steady YELLOW X signal indication followed by a RED X signal indication. In either case, the duration of the RED X signal indication shall be sufficient to allow clearance of the lane before any moving condition is allowed in the opposing direction.**
- 01C **Whenever a DOWNWARD GREEN ARROW signal indication is changed to a flashing YELLOW X signal indication, the RED X signal indication shall continue to be displayed to the opposite direction of travel for an appropriate duration to allow traffic time to vacate the lane being converted to a two-way left-turn lane.**

This page intentionally left blank.

# PART 5

## TRAFFIC CONTROL DEVICES FOR LOW-VOLUME ROADS

### CHAPTER 5A. GENERAL

#### Section 5A.01 Function

*INSERT the following Paragraphs:*

**Standard:**

- 05A **All traffic control devices found in Part 5 shall conform to the provisions located in other Parts of this Manual and the New York State Supplement.**

**Support:**

- 05B The MUTCD and the New York State Supplement list the acceptable traffic control devices that may be used on highways in New York.

## CHAPTER 5B. REGULATORY SIGNS

### Section 5B.05 Parking Signs (R8 Series)

*INSERT the following Paragraphs:*

**Standard:**

01A **The R8-3a, R8-3cP and the R8-3dP plaques shall not be used in New York.**

**Support:**

01B See Sections 2B.46 and 2B.47 for more information on use of Parking Signs.

## CHAPTER 5C. WARNING SIGNS

### Section 5C.09 Vehicular Traffic Warning and Non-Vehicular Warning Signs (W11 Series and W8-6)

*INSERT the following paragraphs:*

**Standard:**

- 00A **The W8-6 sign shall not be used in New York.**

*Guidance:*

- 04A *The diagonal downward pointing arrow (W16-7P) should not be used with the W11-16, W11-17, W11-18, W11-19, W11-20, or W11-21 signs, or with other signs in this series where road crossing locations are unpredictable.*

This page intentionally left blank.

# PART 6

## TEMPORARY TRAFFIC CONTROL

### CHAPTER 6F. TEMPORARY TRAFFIC CONTROL ZONE DEVICES

#### Section 6F.02 General Characteristics of Signs

*INSERT the following paragraph:*

**Standard:**

- 13A **Major legend changes to standard signs or unique signs require approval of the New York State Department of Transportation before they may be used in New York if the change can be considered more than a minor modification (e.g. making a word plural or singular, changing the distance or hours listed on a sign, word deviations such as “road” instead of “street”).**

#### Section 6F.11 STAY IN LANE Sign (R4-9)

*INSERT the following paragraph:*

*Guidance:*

- 01A *If a STAY IN LANE sign is used, it should be accompanied by a solid double white line to prohibit lane changing.*

#### Section 6F.12 Work Zone and Higher Fines Signs and Plaques

*DELETE Paragraphs 02, 03, and 04.*

*INSERT the following paragraphs:*

*Guidance:*

- 01A *A BEGIN HIGHER FINES ZONE (R2-10) sign (See Figure 6F-3) or a FINES DOUBLED FOR SPEEDING IN WORK ZONES (NYR9-12) sign (see Sign Drawing SD-R15) should be installed at the upstream end of a work zone, and an END HIGHER FINES ZONE (R2-11) sign (see Figure 6F-3) should be installed at the downstream end of the work zone.*

*Option:*

- 01B *A FINES HIGHER (R2-6P) plaque (see Section 2B.17 and Figure 6F-3) may be mounted below the Speed Limit sign.*

*Support:*

- 01C *Section 1180(f) of the New York State Vehicle and Traffic Law discusses violations for speeding in work zones.*

**Section 6F.15      Special Regulatory Signs**

*INSERT the following paragraph:*

Support:

- 02A      Section 2B.02 contains information about design of regulatory signs that do not appear in this Manual.

**Section 6F.31      Flagger Signs (W20-7, W20-7a)**

*DELETE Paragraph 03.*

*INSERT the following paragraph:*

**Standard:**

- 02A      **The FLAGGER (W20-7a) sign shall not be used in New York.**

**Section 6F.33      Workers Signs (W21-1, W21-1a)**

*DELETE Paragraph 03.*

*INSERT the following paragraph:*

**Standard:**

- 02A      **The WORKERS (W21-1a) sign shall not be used in New York.**

**Section 6F.36      Motorized Traffic Signs (W8-6, W11-10)**

*INSERT the following paragraph:*

**Standard:**

- 00A      **The TRUCK CROSSING (W8-6) sign shall not be used in New York.**

**Section 6F.50      Other Warning Signs**

*INSERT the following paragraph:*

Option:

- 02A      In addition to the standard Temporary Traffic Control signs shown in this Chapter, any standard warning sign shown in other Parts of this Manual or the New York State Supplement can be used as a Temporary Traffic Control warning sign.

**Section 6F.53      Supplementary Distance Plaque (W7-3aP)**

*INSERT the following paragraph:*

*Guidance:*

- 04A      *Distances shown on a Supplementary Distance plaque should be:*
- A. To the nearest quarter mile, if less than one mile;*
  - B. To the nearest half mile if between one mile and three miles; and*
  - C. To the nearest whole mile, if more than three miles.*

**Section 6F.59      Detour Signs (M4-8, M4-8a, M4-8b, M4-9, M4-9a, M4-9b, M4-9c, and M4-10)**

*INSERT the following paragraph.*

*Option:*

- 13A      The M4-9 series signs may be used to guide motorists straight ahead by modifying the arrow to point upwards.

**Section 6F.61      Arrow Boards**

*DELETE Paragraph 05.*

*INSERT the following paragraph:*

**Standard:**

- 04A      **Arrow boards shall meet the minimum size, legibility distance, number of elements, and other specifications shown in Figure 6F-6, except that arrow boards operated in the flashing caution mode shall only illuminate the upper left, upper right, lower left, and lower right elements, or the alternating diamond pattern. The four-element bar pattern shown in Figure 6F-6 as an option shall not be used in New York.**

**Section 6F.101      BRIDGE CLOSED 500 FT Sign (NYW8-4)**

*Option:*

- 01      The BRIDGE CLOSED 500 FT (NYW8-4) sign (see Sign Drawing SD-W27) may be used to provide advance warning that a bridge is closed.

*Guidance:*

- 02      *Where used, the BRIDGE CLOSED 500 FT sign should be placed in advance of each location where a ROAD CLOSED (R11-2) sign or BRIDGE OUT XX MILES AHEAD LOCAL TRAFFIC ONLY (R11-3b) sign is displayed and no alternative path is signed at that location (i.e., the ROAD CLOSED or BRIDGE OUT XX MILES AHEAD LOCAL TRAFFIC ONLY sign is not accompanied by a Detour Arrow (M4-10)).*

### **Section 6F.102      Miscellaneous Temporary Traffic Control Signs (NYW8-30, NYW8-31, NYW8-32, NYW8-33)**

#### Option:

- 01 The WET PAINT (NYW8-30), STAY IN LANE (NYW8-31), DO NOT PASS (NYW8-32), and LANE CLOSED (NYW8-33) signs (see Sign Drawing SD-W28) may be used to warn of mobile marking operations and to alert motorists as to what actions are appropriate as they approach or pass pavement marking vehicles.
- 02 These signs may be used alone or in combination, as conditions require, minimizing hazard and tracking of fresh markings. The STAY IN LANE, DO NOT PASS, and LANE CLOSED, signs may be used, as necessary, with other types of work vehicle work operations.
- 03 As an alternative to the rectangular designs, Miscellaneous Temporary Traffic Control Signs may also be made in diamond shapes with appropriate sized legends.

### **Section 6F.104      SANDBLASTING Sign (NYW8-43)**

#### Option:

- 01 The SANDBLASTING (NYW8-43) sign (see Sign Drawing SD-W30) may be used to warn of work sites where sandblasting is being conducted and airborne dust or debris might at times drift into the roadway.

#### Guidance:

- 02 *The SANDBLASTING sign should be displayed only while sandblasting is occurring. It should be removed, covered, or faced away from traffic when sandblasting operations are not being carried out. Where used, the SANDBLASTING sign should be placed a suitable distance in advance of the sandblasting area.*

### **Section 6F.107      INCREASED ENFORCEMENT AREA Sign (NYW8-46)**

#### Option:

- 01 The INCREASED ENFORCEMENT AREA (NYW8-46) sign (see Sign Drawing SD-W33) may be used when a police presence is expected to be active during a significant portion of the scheduled work zone operations.

#### Guidance:

- 02 *When used, the INCREASED ENFORCEMENT AREA sign should be placed 300 feet in advance of all other work zone signs (including the "FINES DOUBLED FOR SPEEDING IN WORK ZONES" sign) on low-speed (less than 45 MPH) highways, and 500 feet in advance on high-speed (45 MPH or higher) highways.*

#### Standard:

- 03 **The INCREASED ENFORCEMENT AREA sign shall be removed at the conclusion of the project.**

## CHAPTER 6H. TYPICAL APPLICATIONS

### Notes for Figure 6H-4 - Typical Application 4 Short Duration or Mobile Operations on a Shoulder

*DELETE Item #8.*

*INSERT the following :*

**Standard:**

- 8. Only standard signs, as shown in other Parts of this Manual and the New York State Supplement, shall be used as vehicle-mounted signs. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.**

### Notes for Figure 6H-6 - Typical Application 6 Shoulder Work with Minor Encroachment

*DELETE Item #11.*

*INSERT the following :*

**Standard:**

- 11. Only standard signs, as shown in other Parts of this Manual and the New York State Supplement, shall be used as vehicle-mounted signs. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.**

### Notes for Figure 6H-17 - Typical Application 17 Mobile Operations on a Two-Lane Road

*DELETE Item #1.*

*INSERT the following :*

**Standard:**

- 1. Only standard signs, as shown in other Parts of this Manual and the New York State Supplement, shall be used as vehicle-mounted signs. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.**

**Notes for Figure 6H-35 - Typical Application 35  
Mobile Operation on a Multi-Lane Road**

*DELETE Item #2.*

*INSERT the following :*

**Standard:**

- 2. Only standard signs, as shown in other Parts of this Manual and the New York State Supplement, shall be used as vehicle-mounted signs. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.**

**Notes for Figure 6H-36 - Typical Application 36  
Lane Shift on a Freeway**

*DELETE Item #11.*

*INSERT the following :*

**Guidance:**

- 11. If a STAY IN LANE sign is used, it should be accompanied by a solid double white line to prohibit lane changing.*

## CHAPTER 6I. CONTROL OF TRAFFIC THROUGH TRAFFIC INCIDENT MANAGEMENT AREAS

### Section 6I.01 General

*INSERT the following paragraphs:*

#### **Standard:**

- 01A **In New York, the operational practices related to emergency incident responses provided in other Parts of this Manual and the New York State Supplement shall apply to police officers and other emergency responders responding to an emergency only in so far as such officers or emergency responders deem compliance with such Manual practicable.**

#### **Support:**

- 01B Chapter 722 of the 2006 Laws of New York modified Section 1680(a) of the New York State Vehicle & Traffic Law regarding the need for police officers and other emergency responders to comply with Chapter 6I.

### Section 6I.101 Incident Management Signs (NYW8-42, NYW8-47)

#### **Option:**

- 01 The ACCIDENT AHEAD (NYW8-42) and EMERGENCY SCENE AHEAD (NYW8-47) signs (see Sign Drawing SD-W29) may be used to warn of rescue and recovery operations associated with traffic accidents and other incidents.

#### **Guidance:**

- 02 *Where used, the ACCIDENT AHEAD or EMERGENCY SCENE AHEAD sign should be placed a suitable distance in advance of the accident or incident sitem or at a remote location where traffic can detour or turn around.*

This page intentionally left blank.

# PART 7

## TRAFFIC CONTROL FOR SCHOOL AREAS

### CHAPTER 7B. SIGNS

*DELETE Figures 7B-2, 7B-3, and 7B-5.*

#### **Section 7B.03      Position of Signs**

*DELETE Paragraph 03.*

Option:

- 02A In-roadway signs for school traffic control areas may be used consistent with the requirements of Sections 2B.12, 7B.12, and the New York State Supplement.

#### **Section 7B.08      School Sign (S1-1) and Plaques**

*DELETE Item B of Paragraph 02.*

*INSERT the following paragraph:*

Support:

- 01A New York State Law does not define "School Zone" other than in conjunction with "Drug Free School Zones" (Highway Law Section 317).

#### **Section 7B.09      School Zone Sign (S1-1) and Plaques (S4-3P, S4-7P) and END SCHOOL ZONE Sign (S5-2)**

*INSERT the following paragraph:*

Support:

- 01A New York State Law does not define "School Zone" other than in conjunction with "Drug Free School Zones" (Highway Law Section 317).

**Standard:**

- 04A **The END SCHOOL ZONE (S5-2) sign shall not be used in New York.**

**Section 7B.10      Higher Fines Zone Signs (R2-10, R2-11) and Plaques**

*DELETE the entire section.*

*INSERT the following paragraphs:*

Support:

- 00A      New York State law does not define “school zone” and does not provide for increased fines for violations in school zones.
- 00B      The New York State Vehicle and Traffic Law §1180(h)(4) provides for higher fines when convicted of violating a school speed limit.

**Standard:**

- 00C      **A FINES HIGHER (R2-6P) plaque (see Figure 7B-1) shall be installed as a supplement to the first reduced school speed limit sign in a reduced school speed zone to identify the beginning point of the higher fines zone.**

**Section 7B.11      School Advance Crossing Assembly**

*DELETE Paragraphs 03 and 05.*

**Section 7B.12      School Crossing Assembly**

*DELETE Paragraphs 06 - 08.*

*INSERT the following paragraphs:*

*Guidance:*

- 03A      *The School Crossing assembly should be installed at marked crosswalk(s) used by students going to and from school (see Figure 7B-4), as determined by an engineering study. The School Crossing assembly should not be installed at signalized intersections.*

**Standard:**

- 03B      **The R1-6a and R1-6c signs shall not be used in New York State.**

**Standard:**

- 05A      **If an In-Street Pedestrian Crossing sign or an In-Street Schoolchildren Crossing sign is placed in the roadway, the sign support shall comply with the mounting height and special mounting support requirements for In-Street Pedestrian Crossing (R1-6) signs (see Section 2B.12).**
- 05B      **The In-Street Pedestrian Crossing sign, the In-Street Schoolchildren Crossing sign, and the Overhead Pedestrian Crossing sign shall not be used at signalized locations.**

**Section 7B.13      School Bus Stop Ahead Sign (S3-1)**

*INSERT the following paragraph:*

*Guidance:*

- 01A      *Both the need for, and the placement of, the School Bus Stop Ahead sign should be based on the distances in Table 4D-2.*

**Section 7B.15      School Speed Limit Assembly (S4-1P, S4-2P, S4-3P, S4-4P, S4-6P, S5-1) and END SCHOOL SPEED LIMIT Sign (S5-3)**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

- 00A      **A New York School Speed Limit assembly (see Figure 7B-101) shall be used to indicate the speed limit where a reduced school speed limit zone has been established based upon an engineering study or where a reduced school speed limit is specified for such areas by statute. The New York School Speed Limit assembly shall be placed at or as near as practical to the point where the reduced school speed limit zone begins.**
- 00B      **The S5-1 sign and the S4-1P, S4-2P, S4-4P, and S4-6P plaques shall not be used in New York.**

**Support:**

- 00C      Section 2B.13 contains information regarding placement of additional speed limit signs within a speed zone.
- 00D      The New York State Vehicle and Traffic Law (Sections 1620(a), 1622, 1630, 1643, 1662-a, 1180(c)) specifies the maximum length of a school speed limit zone and the locations where school speed limits may be established, the times when the limits are allowed to be in effect, and the manner in which the speed limits must be posted. A school is considered to be every place of academic, vocational or religious services or instruction for persons under the age of 21 years, except places of higher education. It shall include every child care center, every institution for the care or training of the mentally or physically handicapped; and every day camp. (17 NYCRR 720.1(s))

**Standard:**

- 00E      **If a reduced school speed limit zone has been established, a School (S1-1) sign (see Figure 7B-1) shall be installed in advance (see Table NY2C-4 for advance placement guidelines) of the first School Speed Limit sign assembly that is encountered in each direction as traffic approaches the reduced school speed limit zone (see Figure 7B-102).**

00F **In order for a school speed limit to be established, all of the following conditions shall be met:**

- A. **The facility is a school; and**
- B. **Some of the children walk or bicycle to or from the facility; or the facility and related facilities (e.g., classrooms, cafeteria, gymnasium, playground, athletic fields, parking lots) are separated by a highway and require the children to cross the highway on foot to access the facilities; and**
- C. **The facility and the jurisdiction responsible for the highway provide written documentation of their support for a school speed limit.**

*Guidance:*

00G *Where a school speed limit is established and if students must cross a highway at a school, the following conditions should be met:*

- A. *The school speed limit zone contains a marked crosswalk; and*
- B. *The crosswalk is supervised by an adult crossing guard; and*
- C. *There is no nearby traffic control signal, pedestrian overpass or underpass, or bridge suitable for pedestrian use within the designated school speed zone.*

00H *The numerical value of a school speed limit should be approximately 10 MPH below the normally prevailing 85<sup>th</sup> percentile speed on the highway, or at approximately the actual 85<sup>th</sup> percentile speed within the zone during school crossing periods.*

**Standard:**

00I **In accordance with the New York State Vehicle and Traffic Law, school speed limits shall not be set below 15 MPH.**

00J **The maximum length of a school speed limit zone, as established in the New York State Vehicle and Traffic Law, shall not be greater than 1320 feet (0.25 mile) on a highway passing a school building, entrance or exit of a school abutting on the highway.**

*Guidance:*

00K *The reduced speed limit zone should begin at a point either 200 feet upstream from the crosswalk, or 300 feet upstream from the school property line, whichever is encountered first as traffic approaches the school. The minimum length of a school speed limit zone should be 400 feet.*

**Option:**

00L Longitudinal distances may be slightly adjusted to fit field conditions.

**Standard:**

- 00M **The hours of operation of a school speed limit as established by the New York State Vehicle and Traffic Law shall be effective only on “school days” at times indicated by the school speed limit sign. The hours of operation shall be one of the following:**
- A. Between the core hours of 7:00 AM and 6:00 PM, inclusive; or**
  - B. Alternative times within such core hours (e.g., 9:00 AM to 4:00 PM, 7:00 AM to 9:00 AM and 2:00 PM to 4:00 PM); or**
  - C. A period when beacons attached to the school speed limit assembly are flashing, and such sign is equipped with a WHEN FLASHING (NYR7-13P) plaque (see Sign Drawing SD-R11) indicating that the school speed zone is in effect when such beacons are flashing. The beacons shall only flash during student activities at the school, and up to 30 minutes immediately before and up to 30 minutes immediately after such student activities.**
- 00N **A School Speed Limit assembly shall consist of one of the following configurations:**
- A. Standard School Speed Limit Assembly – A Speed Limit (R2-1) sign (see Section 2B.13) with a SCHOOL (S4-3P) plaque (see Figure 7B-1) mounted above it. In addition, the assembly shall contain one of the following:**
    - 1. A time (NYR7-4P) plaque (see Sign Drawing SD-R11) indicating the times the school speed limit is in effect mounted below the Speed Limit sign; or**
    - 2. A time (NYR7-4P) plaque indicating the times the school speed limit is in effect mounted below the Speed Limit sign, with Speed Limit Sign Beacons (see Section 4L.04) that are operated only when the school speed limit is in effect; or**
    - 3. A WHEN FLASHING (NYR7-13P) plaque (see Sign Drawing SD-R11) mounted below the Speed Limit sign, and Speed Limit Sign Beacons that are operated only when the school speed limit is in effect;**
  - B. Blank-Out School Speed Limit Assembly – Identical to the Standard School Speed Limit assembly, except that the Speed Limit (R2-1) sign contains a blank-out message device which displays a numeric speed value when the school speed limit is in effect and no message at other times. When no numeric value is displayed, Speed Limit Sign Beacons, if provided, shall not be operated; or**
  - C. Changeable School Speed Limit Assembly – A Speed Limit (R2-1) sign with a changeable message element for the numerals, with a SCHOOL (S4-3P) plaque mounted above it. The assembly shall also contain a WHEN FLASHING (NYR7-13P) plaque mounted below the Speed Limit sign, and Speed Limit Sign Beacons that are operated only when the school speed limit is in effect. If the changeable message device is used to display a speed limit other than the school speed limit, the SCHOOL plaque shall be a blank-out device that is not illuminated when the school speed limit is not in effect. If no numerical speed is displayed, the school speed limit shall not be in effect, and the Speed Limit Sign Beacons shall not be operated; or**

**D. Overhead School Speed Limit Assembly – Similar to the Standard School Speed Limit Assembly or the Blank-Out School Speed Limit assembly, except that the Speed Limit sign and SCHOOL plaque are integrated into a single sign (NYR2-8) (see Sign Drawing SD-R2), and supplemented with either a time (NYR7-4) plaque or WHEN FLASHING (NYR7-13aP) plaque. If a WHEN FLASHING (NYR7-13aP) plaque is used, Speed Limit Sign Beacons shall also be installed and shall only operate when the school speed limit is in effect. The NYR2-8 sign shall only be installed overhead. A post-mounted sign shall not be required where a NYR2-8 sign is used.**

00O **White pixels on a black background shall be used when the numerals for a speed limit are displayed on a changeable message sign or a blank-out sign in a school speed limit assembly.**

00P **Fluorescent yellow-green pixels on a black background shall be used when the SCHOOL (S4-3P) plaque is a blank-out sign as part of a school speed limit assembly.**

*Guidance:*

00Q *A confirmation light or device to indicate that the speed limit message is in operation should be considered for inclusion on the back of the changeable or blank-out message sign.*

*Option:*

00R Changeable message signs that display the speed of approaching drivers (see Section 2B.13) may be used in a school speed limit zone.

**Standard:**

00S **Except as provided in Paragraph 00T, the downstream end of an authorized and posted reduced school speed limit zone shall be identified with an END SCHOOL SPEED LIMIT (S5-3) sign (see Figure 7B-102).**

*Option:*

00T A standard Speed Limit sign showing the speed limit for the section of highway that is downstream from the authorized and posted reduced school speed limit zone may be mounted on the same post above the END SCHOOL SPEED LIMIT (S5-3) sign.

**Section 7B.16 Reduced School Speed Limit Ahead Sign (S4-5, S4-5a)**

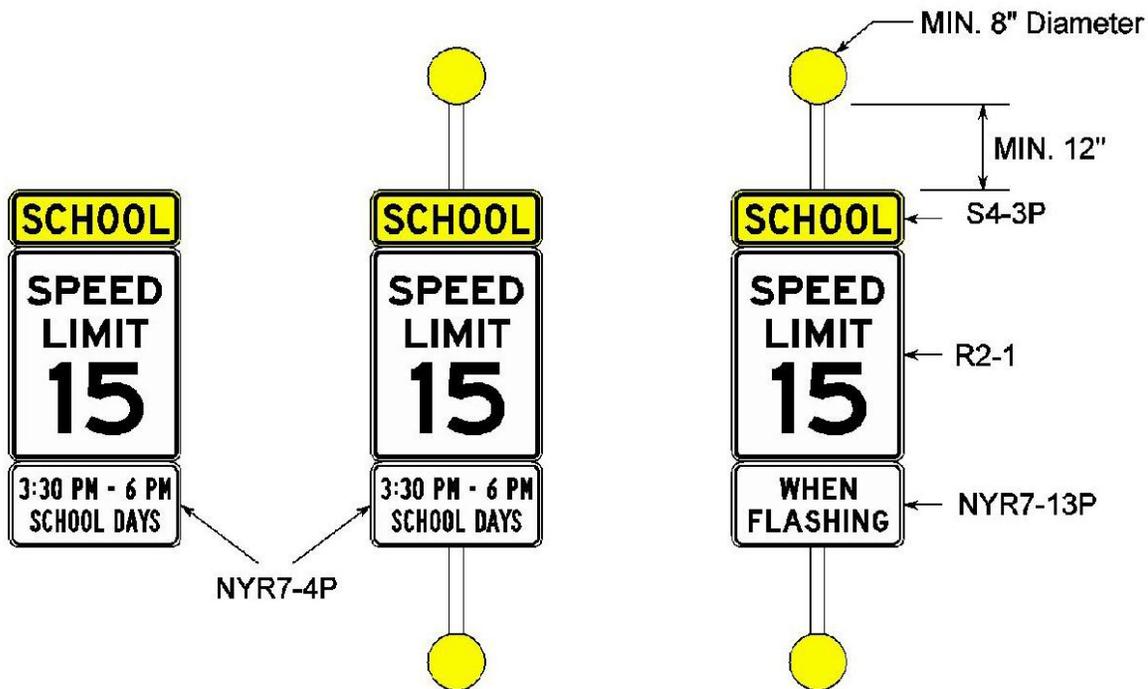
*INSERT the following paragraph:*

**Standard:**

00A **The S4-5a sign shall not be used in New York.**

Figure 7B-101. Examples of School Speed Limit Assemblies

POST-MOUNTED SCHOOL SPEED LIMIT ASSEMBLIES



OVERHEAD SCHOOL SPEED LIMIT ASSEMBLY

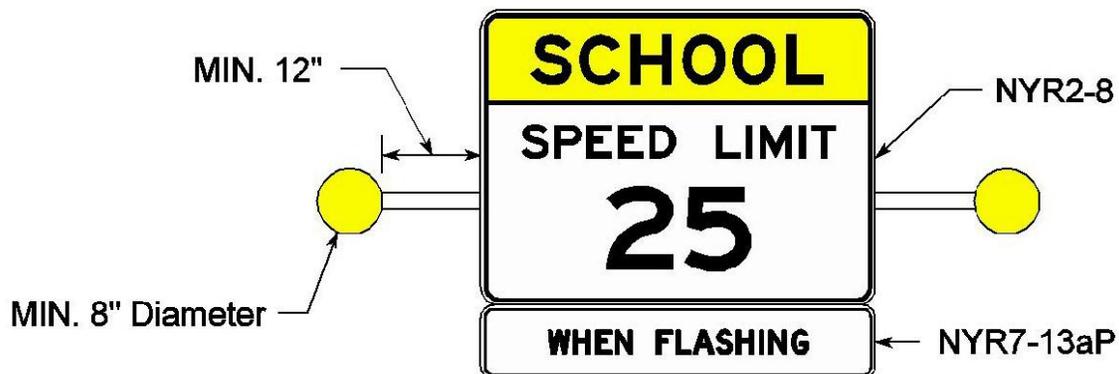
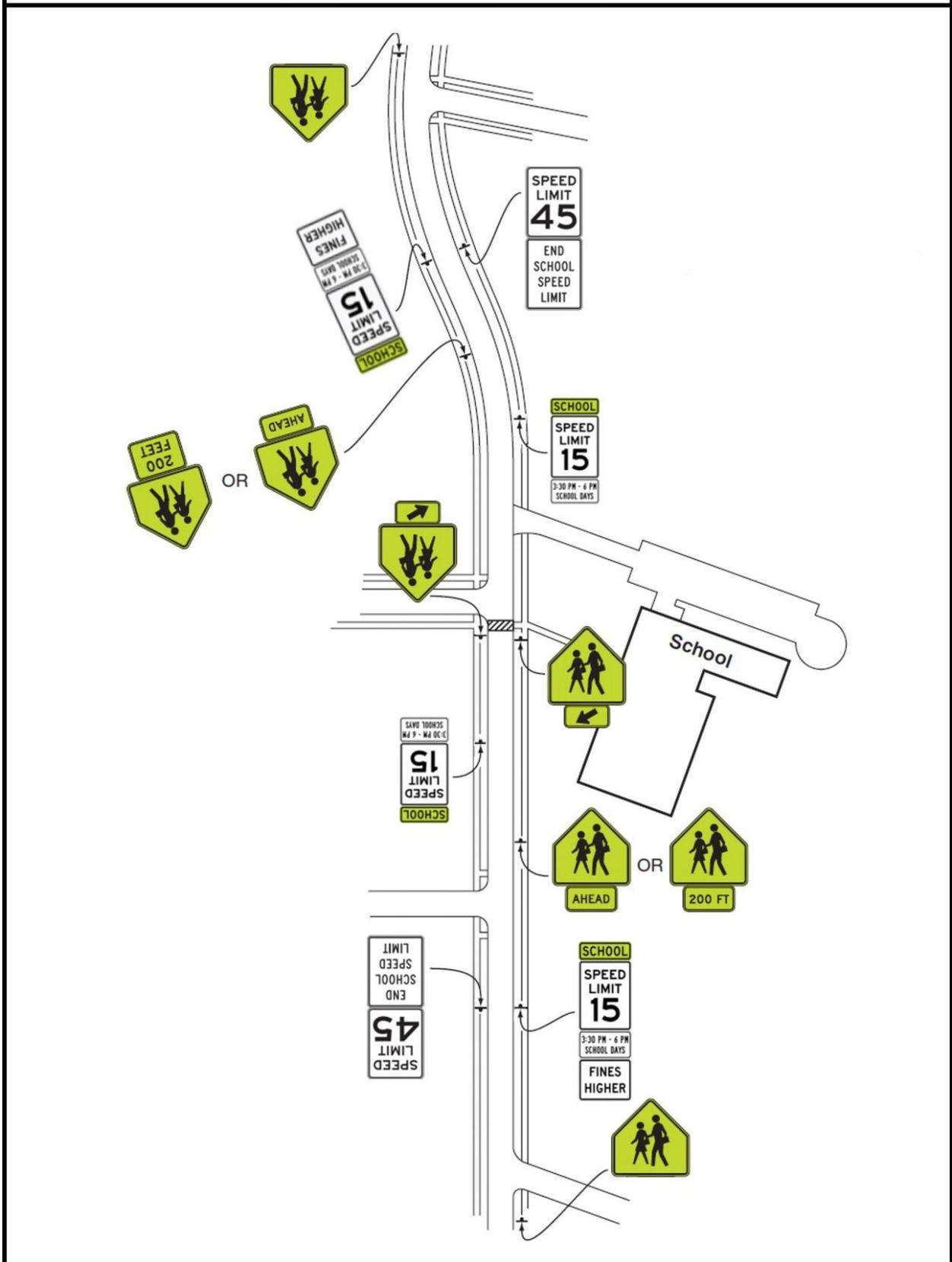


Figure 7B-102. Example of Signing for a School Speed Limit



# PART 8

## TRAFFIC CONTROL FOR RAILROAD AND LIGHT RAIL TRANSIT GRADE CROSSINGS

### CHAPTER 8A. GENERAL

#### Section 8A.03 Use of Standard Devices, Systems, and Practices at Highway – LRT Grade Crossings

*DELETE Paragraphs 04 and 08.*

*INSERT the following paragraphs:*

Support:

- 03A The normal rules of the road and traffic control priority identified in the New York State Vehicle and Traffic Law govern the order assigned to the movement of vehicles at an intersection unless the New York State Department of Transportation determines that it is appropriate to assign a higher priority to LRT. Examples of different types of LRT priority control include separate traffic control signals for LRT movements, restrictions of movement of roadway vehicles in favor of LRT operations, and preemption of highway signal control to accommodate LRT movements.

**Standard:**

- 07A **Before any new highway-LRT grade crossing traffic control system is installed or modifications are made to an existing system, approval shall be obtained from the New York State Department of Transportation.**

Support:

- 11A Section 1685 of the New York State Vehicle and Traffic Law allows the installation of a STOP (R1-1) sign only with prior authorization from the New York State Department of Transportation at any highway-LRT grade crossing.

## CHAPTER 8B. SIGNS AND MARKINGS

### **Section 8B.04      Crossbuck Assemblies with YIELD or STOP Signs at Passive Grade Crossings**

*DELETE Paragraph 13.*

*INSERT the following paragraphs:*

Support:

- 07A      Section 1685 of the New York State Vehicle and Traffic Law allows the installation of a STOP (R1-1) sign at a highway-rail crossing only with prior authorization from the New York State Department of Transportation.

Support:

- 12A      Certain commercial motor vehicles, buses, and school buses are required to stop at all grade crossings in accordance with Section 1171 of the New York State Vehicle and Traffic Law.

### **Section 8B.05      Use of STOP (R1-1) or YIELD (R1-2) Signs without Crossbuck Signs at Highway-LRT Grade Crossings**

*INSERT the following paragraph:*

Support:

- 00A      Section 1685 of the New York State Vehicle and Traffic Law allows the installation of a STOP (R1-1) sign only with prior authorization from the New York State Department of Transportation at any highway-LRT crossing.

### **Section 8B.06      Grade Crossing Advance Warning Signs (W10 Series)**

*INSERT the following paragraphs:*

Support:

- 00A      The Grade Crossing Advance Warning (W10-1) sign is required by Section 53-a of the New York State Railroad Law.

Option:

- 00B      The TRAIN WHEN FLASHING (NYW5-31) sign (see Sign Drawing SD-W18) may be used to supplement the Grade Crossing Advance Warning (W10-1) sign in advance of railroad crossing locations that are not clear to motorists due to poor sight distance or other conditions.

**Standard:**

- 07A **The TRAIN WHEN FLASHING sign shall only be used in advance of a railroad crossing location that is operated under either a “Stop and Proceed” or “Stop and Flag” procedure. Where used, the sign shall be supplemented with two warning beacons aligned vertically no closer than twelve inches above and below the sign. Each beacon shall consist of a circular indication of twelve-inch nominal diameter. The beacons shall display alternately flashing indications in accordance with Chapter 4L.**
- 07B **Except as provided in Paragraphs 07C and 07D, where used, the TRAIN WHEN FLASHING (NYW5-31) sign and its accompanying beacons shall be placed below the Grade Crossing Advance Warning (W10-1) sign. The lowest point of this assembly shall meet the requirements of Section 2A.18.**

**Option:**

- 07C **If used in an overhead installation of the TRAIN WHEN FLASHING (NYW5-31) sign, the warning beacons may be aligned horizontally no closer than twelve inches to the left and right of the sign.**

**Guidance:**

- 07D *If used in an overhead installation of the Grade Crossing Advance Warning (W10-1) sign and the TRAIN WHEN FLASHING (NYW5-31) sign, the TRAIN WHEN FLASHING sign and beacons should be placed to the right of the Grade Crossing Advance Warning sign.*

**Section 8B.07      EXEMPT Grade Crossing Plaques (R15-3P, W10-1aP)**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Standard:**

- 00A **The EXEMPT (R15-3P) regulatory plaque (see Figure 8B-1) and EXEMPT (W10-1aP) warning plaque (see Figure 8B-4) shall be used only at locations approved by the New York State Department of Transportation.**
- 00B **The EXEMPT regulatory plaque shall be used at grade crossings where the statutory stop normally required for certain vehicles by Section 1171 of the New York State Vehicle and Traffic Law has been legally waived by the New York State Department of Transportation. The EXEMPT regulatory plaque shall not be used on crossings involving high speed rail traffic.**
- 00C **The EXEMPT (W10-1aP) warning plaque shall be used in advance of grade crossings where the Department of Transportation has authorized use of EXEMPT (R15-3P) regulatory plaques unless the Department has also authorized omission of the Grade Crossing Advance Warning sign.**

**Support:**

- 00D These supplemental plaques inform drivers of vehicles carrying passengers for hire, school buses carrying students, or vehicles carrying hazardous materials that a stop is not required at certain designated grade crossings, except when a train, locomotive, or other railroad equipment is approaching or occupying the grade crossing, or the driver's view is blocked. Where the statutory stop normally required of certain vehicles by Section 1171 of the New York State Vehicle and Traffic Law has been legally waived by the New York State Department of Transportation, the EXEMPT (R15-3P) regulatory plaque is intended for use at abandoned crossings, infrequently used crossings, and others whereas the EXEMPT (W10-1aP) warning plaque is for use to supplement the Grade Crossing Advance Warning (W10-1) sign in advance of grade crossings.

**Section 8B.09 DO NOT STOP ON TRACKS Sign (R8-8)**

*INSERT the following paragraph:*

**Standard:**

- 00A **The R8-8 sign shall not be used in New York. The State Law DO NOT STOP ON TRACKS (NYR9-5) sign shall be used in its place, subject to the provisions of this section.**

**Section 8B.10 TRACKS OUT OF SERVICE Sign (R8-9)**

*INSERT the following paragraph:*

**Standard:**

- 00A **The New York State Department of Transportation shall approve the placement or removal of any TRACKS OUT OF SERVICE (R8-9) signs.**

**Section 8B.11 STOP HERE WHEN FLASHING Sign (R8-10, R8-10a)**

*INSERT the following paragraph:*

**Standard:**

- 00A **The R8-10a sign shall not be used in New York.**

**Section 8B.12 STOP HERE ON RED Sign (R10-6, R10-6a)**

*INSERT the following paragraph:*

**Standard:**

- 00A **The R10-6a sign shall not be used in New York.**

**Section 8B.14      Do Not Pass Light Rail Transit Signs (R15-5, R15-5a)**

*DELETE Paragraph 03.*

*INSERT the following paragraph:*

**Standard:**

- 01A      **The R15-5a sign shall not be used in New York.**

**Section 8B.15      No Motor Vehicles On Tracks Signs (R15-6, R15-6a)**

*DELETE Paragraph 04.*

*INSERT the following paragraph:*

**Standard:**

- 01A      **The R15-6a sign shall not be used in New York.**

**Section 8B.18      Emergency Notification Sign (I-13)**

*DELETE Paragraph 01.*

*INSERT the following paragraph:*

**Standard:**

- 00A      **Emergency Notification (I-13) signs (see Figure 8B-5) shall be installed at all highway-rail grade crossings, and at all highway-LRT grade crossings on semi-exclusive alignments, to provide information to road users so that they can notify the railroad company or LRT agency about emergencies or malfunctioning traffic control devices.**

**Section 8B.20      TRAINS MAY EXCEED 80 MPH Sign (W10-8)**

*INSERT the following paragraph:*

**Standard:**

- 00A      **The TRAINS MAY EXCEED 80 MPH (W10-8) sign and similar signs shall be used only where authorized by the New York State Department of Transportation. The TRAINS MAY EXCEED 80 MPH sign and similar signs shall not be used at crossings where the EXEMPT (R15-3P) regulatory plaque is used.**

**Section 8B.101      NOTICE INCREASED TRAIN TRAFFIC Sign (NYR10-5)****Option:**

- 01      The NOTICE INCREASED TRAIN TRAFFIC (NYR10-5) sign (see Sign Drawing SD-R16) may be used where it is deemed necessary to inform motorists of increased train traffic at highway-rail grade crossings.

**Standard:**

- 02      **Where used, the NOTICE INCREASED TRAIN TRAFFIC sign shall be placed in combination with the Crossbuck (R15-1) sign located on the right side of the approach roadway, or be placed separately at a point in advance of the crossbuck sign.**
- 03      **At locations where a YIELD or STOP sign is installed on the same support as the Crossbuck sign, the NOTICE INCREASED TRAIN TRAFFIC sign shall be installed on a separate support in advance of the crossbuck assembly.**
- 04      **Where placed on the same support as a Crossbuck sign, the NOTICE INCREASED TRAIN TRAFFIC sign shall be placed immediately beneath the Crossbuck sign.**

**Guidance:**

- 05      *The bottom of the NOTICE INCREASED TRAIN TRAFFIC sign should be at least 78 inches above the near edge of travel lane when placed on the same support as a Crossbuck sign.*

**Standard:**

- 06      **Where placed on the same support as a Crossbuck sign and a Number of Tracks (R15-2) sign, the NOTICE INCREASED TRAIN TRAFFIC sign shall be placed immediately beneath the Number of Tracks sign.**

**Guidance:**

- 07      *The bottom of the NOTICE INCREASED TRAIN TRAFFIC sign should be at least 6 feet above the edge of travel lane when placed on the same support as a Crossbuck sign and a Number of Tracks sign.*

**Standard:**

- 08      **Where placed on the same support as a railroad flashing-light signal, the NOTICE INCREASED TRAIN TRAFFIC sign shall be placed immediately below the signal background panels.**

**Guidance:**

- 09      *The bottom of the NOTICE INCREASED TRAIN TRAFFIC sign should be at least 6 feet above the near edge of travel lane when placed on the same support as a railroad flashing-light signal.*

## CHAPTER 8C. FLASHING-LIGHT SIGNALS, GATES, AND TRAFFIC CONTROL SIGNALS

### Section 8C.01 Introduction

*INSERT the following paragraphs:*

**Standard:**

- 06A **When an overhead flashing-light signal is used, the vertical clearance shall be no more than 19 feet above the crown of the highway to the lowest point of the signal unit.**

**Standard:**

- 12A **When used, the devices shall be operated continuously (unless not required by the appropriate operating standards) except as provided in paragraph 12B.**

**Option:**

- 12B Special control features may be provided for making the devices insensitive to train actuation while trains are performing regular stops or switching operations in the vicinity of a crossing, to prevent excessive activation of the traffic control devices.

**Standard:**

- 12C **When the Option is enacted, provisions shall be made to ensure that the devices are again made operative for the required time before any rail traffic proceeds over the crossing. Provision shall also be made to ensure that automatic operation of the devices will resume upon the approach of any rail traffic other than the one for which operation of the device was discontinued.**

**Support:**

- 12D Since grade crossing traffic control devices govern the actions of vehicular and pedestrian traffic, the principles of uniformity and standardization apply to these devices.

**Guidance:**

- 12E *For the purpose of signal control, crossings more than 100 feet apart should be treated separately.*

### Section 8C.02 Flashing-Light Signals

*DELETE paragraph 09.*

*INSERT the following paragraphs:*

**Standard:**

- 07A **When the rail traffic clears the grade crossing, and if no other rail traffic is detected, the gate arm shall ascend to its upright position, following which the flashing-light signals and the lights on the gate arm shall cease operation.**

*Guidance:*

- 07B *If used, flashing-light signals should be located longitudinally to meet minimum clearances indicated in Figures 8C-2 and 8C-101 except where such location would adversely affect signal visibility.*

**Standard:**

- 08A **Stand-by power shall consist of sufficient capacity to provide normal operation of the system for 48 hours following primary power failure.**

*Option:*

- 08B Standby power may consist of sources other than batteries.

*Guidance:*

- 14A *When conditions require, such as on multi-lane approaches or where limited signal visibility exists, supplemental overhead installations or additional pole-mounted flashing-light signals installed on the left side of an approach roadway, on the near or far side of the crossings, should be used.*

**Section 8C.03 Flashing-Light Signals at Highway-LRT Grade Crossings**

*DELETE Paragraph 01.*

*INSERT the following paragraph:*

**Standard:**

- 00A **The provisions in Section 8C.02 and the New York State Supplement regarding flashing-light signals shall be used for design, installation, and operation, including interconnection with nearby automatic gates, and shall be applicable as appropriate where traffic control signals are used at highway-LRT grade crossings.**

**Section 8C.04 Automatic Gates**

*DELETE Paragraphs 02 and 03.*

*INSERT the following paragraphs:*

**Standard:**

- 01A **The automatic gate (see Figure 8C-1) shall consist of a drive mechanism and a fully retroreflectorized red-and white-striped gate arm with lights. When in the down position, the gate arm shall effectively block all approach lanes, the adjacent shoulder, and all sidewalks. Automatic gates shall not be used without railroad flashing-light signals.**

*Guidance:*

- 01B *The gate mechanism should be mounted on the same support as the railroad flashing-light signal.*

- 01C *Automatic gates should be perpendicular to the roadway or sidewalk, unless conditions warrant placement at a different angle.*

Option:

- 01D Where conditions require, the gate may be mounted on a separate support located between the railroad flashing-light signal support and the track.

**Standard:**

- 01E **If the gate is mounted on a separate support located between the railroad flashing-light signal support and the track, the minimum clearances shown in Figures 8C-2, 8C-101, and 8C-102 shall be met.**

**Standard:**

- 01F **In the normal sequence of operation, unless constant warning time detection or other advanced system requires otherwise, the flashing-light signals and the lights on the gate arm (in its normal upright position) shall be activated immediately upon detection of approaching rail traffic. The gate arm shall start its downward motion not less than 3 seconds after the flashing-light signals are activated, shall reach its horizontal position at least 10 seconds before the arrival of the rail traffic, and shall remain in the down position until the rail traffic has cleared the grade crossing.**

*Guidance:*

- 05B *When the rear of the train is approximately 50 feet beyond the crossing, and no other train is approaching, the train should be considered clear of the highway-rail grade crossing.*

**Standard:**

- 07A **Automatic gates, when in the down position, shall not be less than 42 inches or more than 54 inches above the pavement crown or sidewalk. Each roadway gate shall be equipped with at least three red lights with a minimum diameter of 3 inches and visible in both directions along the roadway.**

*Guidance:*

- 07B *The lights should be positioned along the gate at the following distances: the first light should be within one foot of the gate tip, the others should be evenly spaced over the roadway surface, as per Figure 8C-1.*

- 07C *If installed, the light on a sidewalk gate should be located approximately over the center of the sidewalk.*

**Standard:**

- 08A **Each sidewalk gate longer than 6 feet shall be equipped with one red light with a minimum diameter of 3 inches and visible in both directions along the sidewalk. The light shall be continuously illuminated when activated.**

*Guidance:*

- 13A *In the down position, the tip of the roadway gate should be within one foot of the left edge of the approach.*

**Section 8C.06**      **Four-Quadrant Gate Systems**

*DELETE Paragraph 04.*

*INSERT the following paragraph:*

**Standard:**

- 03A      **In the normal sequence of operation, unless constant warning time detection or other advanced systems requires otherwise, the flashing-light signals and the lights on the gate arm (in its normal upright position) shall be activated immediately upon detection of approaching rail traffic. The gate arm shall start its downward motion not less than 3 seconds after the flashing-light signals are activated, and shall reach its horizontal position at least 10 seconds before the arrival of the rail traffic. Exit gate arm activation and downward motion shall be based on detection or timing requirements established by an engineering study of the individual site. The gate shall remain in the down position until the rail traffic has cleared the grade crossing.**

**Section 8C.08**      **Rail Traffic Detection**

*INSERT the following paragraphs:*

**Standard:**

- 03A      **When automatic flashing-light signals are installed, the length of time the flashing-light signals shall operate before arrival of any rail traffic at the grade crossing shall be a function of the minimum track clearance distance as follows: Where the minimum track clearance distance is 35 feet or less, the flashing-light signals shall operate for at least 20 seconds before the arrival of rail traffic at the crossing. Where the minimum track clearance distance is more than 35 feet, the flashing-light signal shall operate for at least 13 seconds plus one second for each 5 feet of clearance distance before the arrival of rail traffic at the crossing.**
- 03B      **When automatic gates are installed, the length of time the flashing-light signals and gate arm lights shall operate before arrival of any rail traffic at the grade crossing shall be a function of the minimum track clearance distance as follows: Where the minimum track clearance distance is 35 feet or less, the flashing-light signals shall operate for at least 27 seconds before the arrival of rail traffic at the crossing. Where the minimum track clearance distance is more than 35 feet, the flashing-light signal shall operate for at least 20 seconds plus one second for each 5 feet of clearance distance before the arrival of rail traffic at the crossing.**

**Section 8C.09      Traffic Control Signals at or Near Highway-Rail Grade Crossings**

*DELETE Paragraph 01.*

*INSERT the following paragraphs:*

**Standard:**

- 02A      **The location of traffic signal heads at highway-rail grade crossings shall conform to all applicable design requirements for traffic control signals, except as modified in below.**

**Standard:**

- 02B      **Any hardware within 8 feet-6 inches of the track centerline shall be at least 22 feet above the top of the highest rail.**

*Guidance:*

- 02C      *All signal heads should be located at least 12 feet from any track center line, measured along the highway.*

**Option:**

- 03A      When approved by the New York State Department of Transportation, traffic control signals may be used as the sole control device at non-mainline highway-rail grade crossings where rail traffic is not required to stop before entering the crossing.

*Guidance:*

- 03B      *The following general descriptions are for steady mode (stop-and-go) traffic signal operations at highway-rail grade crossings. Operations at particular locations should generally conform to the principles stated in this Section, but may be adapted to fit conditions at these locations, as approved by the New York State Department of Transportation.*

**Standard:**

- 03C      **At highway-rail grade crossings where railroad flashing-light signals are not installed and traffic control signals are used to control highway traffic at the highway-rail grade crossing, at least one train approach face shall be installed on each approach, each signal face consisting of a 12-inch minimum diameter circular red indication and a 12-inch minimum diameter circular yellow indication. The traffic control signals and the railroad circuitry controlling the train movements at the crossing shall be interconnected.**
- 03D      **Where installed, train approach faces shall rest in red until the train is detected by the railroad circuitry. When activated by approaching rail traffic, the traffic signal faces shall display appropriate indications to prohibit vehicular movements over the crossing and the train approach faces shall display steady yellow indications. The signal shall remain in this phase until the train has cleared the grade crossing and, at termination of the railroad phase, revert to normal operation.**

*Guidance:*

- 03E *Where practicable, the train approach face should be located on the right side of the train approach.*

*Support:*

- 03F *Where a track crosses closely spaced roadways (for example, the two roadways of a divided highway), it is normally necessary to provide train approach faces only in advance of the first roadway in each direction.*

*Guidance:*

- 03G *Where the operation is such that trains do not cross all the roadways in one signal phase, installation of separate train faces at each roadway should be considered.*

*Guidance:*

- 03H *Where train traffic is required to stop before proceeding over the crossing, a STOP (R1-1) sign should be placed adjacent to the tracks facing each train approach at the limit of the railroad circuitry controlling train movements at the crossing, if installed. If the crossing has no railroad circuitry controlling train movements at the crossing, the STOP sign should be located between 50 and 100 feet from the crossing.*

**Standard:**

- 03I **A traffic control signal at a coincident crossing shall normally operate in a steady (stop-and-go) mode, allocating right-of-way among highway traffic approaches. The traffic control signal shall be interconnected with railroad circuitry and with railroad flashing-light signals and gates, where these devices are installed.**
- 03J **When a traffic control signal is used at a coincident crossing, and railroad flashing-light signals are not installed, at least one of the primary vehicular signal faces for each approach shall be located so that it is visible to approaching highway traffic while a train occupies the crossing.**
- 03K **When a traffic control signal used at a coincident crossing is placed in flashing operation and railroad flashing-light signals are installed, the traffic control signal shall display a steady red indication when the train is detected by the railroad circuitry so as not to be in conflict with the indications displayed by railroad flashing-light signals. The train approach faces, if installed, shall display steady red indications during flashing operation of the traffic control signal.**
- 03L **When a traffic control signal is used at a coincident crossing, it shall provide appropriate change interval displays for the transition from normal operation to the railroad phase.**
- 03M **When a traffic control signal is used at a proximate crossing, and railroad flashing-light signals are not installed, at least two vehicular signal faces, in addition to any used at the highway intersection, shall be located in advance of the highway-rail grade crossing, facing traffic approaching the intersection. The faces shall be located at or beyond the stop line and shall be located laterally in accordance with Chapter 4D.**

*Guidance:*

- 03N *Where a traffic control signal is located at an intersection, the choice of control at a proximate crossing should consider such factors as the geometric relationship between the crossing and the intersection, the nature of the crossing (mainline or siding), rail and vehicular traffic volumes and speeds, queue lengths, vehicle mix, accident history, and other pertinent factors.*
- 03O *Where the adjacent intersection is not signalized, a proximate crossing should be treated as an independent crossing.*

*Option:*

- 03P Traffic control signal faces may also be located at the crossing to control traffic leaving the intersection.

*Guidance:*

- 03Q *Displays in the traffic control signal faces in advance of and beyond the crossing should be timed to allow highway traffic to clear the crossing prior to arrival of any rail traffic.*

**Standard:**

- 03R **Where a proximate crossing is controlled by both traffic control signals and railroad flashing-light signals, train approach signals shall not be required. The traffic control signals shall normally operate in a steady (stop-and-go) mode, allocating right-of-way among the highway traffic approaches, and the railroad flashing-light signals are activated only when a train is detected by the railroad circuitry. The traffic control signals shall be interconnected with the railroad circuitry, and upon detection, transition to steady red indications. Train approach signals, if installed, shall, upon detection, transition to steady yellow indications. At the termination of the railroad phase, the signals shall revert to normal operation.**
- 03S **When a traffic control signal is used at an independent crossing, and railroad flashing-light signals are not installed, at least two vehicular signal faces shall be located on each approach to the grade crossing. The faces shall be located at, or beyond the stop line and shall be located laterally in accordance with Chapter 4D.**
- 03T **A traffic control signal at an independent crossing shall normally display either circular green or circular flashing yellow indications in the highway faces and circular red indications in the train approach faces. Upon train actuation, the highway faces shall transition to red indications and the train approach faces shall transition to circular yellow indications. If the highway faces normally display flashing yellow indications, a green interval of at least 4 seconds shall precede the clearance to the railroad phase. At the termination of the railroad phase, the traffic control signal shall revert to normal operation.**

**Section 8C.10      Traffic Control Signals at or Near Highway-LRT Grade Crossings**

*DELETE Paragraph 02.*

*INSERT the following paragraph:*

**Standard:**

- 00A      **The provisions in Part 4, Section 8C.09, and the New York State Supplement relating to traffic control signal design, installation, and operation, including interconnection with nearby automatic gates or flashing-light signals, shall be applicable as appropriate, where traffic control signals are used at highway-LRT grade crossings.**

**Section 8C.11      Use of Traffic Control Signals for Control of LRT Vehicles at Grade Crossings**

*INSERT the following at the beginning of the section:*

**Standard:**

- 00A      **The provisions in Part 4, Section 8C.09, and the New York State Supplement relating to traffic control signal design, installation and operation, including interconnection with nearby automatic gates or flashing-light signals, shall be applicable as appropriate where traffic control signals are used at highway-LRT grade crossings.**

**Figure 8C-1      Composite Drawing of Active Traffic Control Device for Grade Crossings Showing Clearances**

*INSERT the following text in Figure 8C-1 regarding the Clearance Above Crown of Roadway: "Note: 19 feet maximum"*

**Figure 8C-2      Example of Location Plan for Flashing-Light Signals and Four-Quadrant Gates**

*INSERT note in Figure 8C-2:*

Note: The center of the flashing-light signal support and the tip of the automatic gate should both be no further than 15 feet measured perpendicular to the nearest rail.

**Figure 8C-101. Example of Traffic Control Signals at Highway- Rail Grade Crossings**

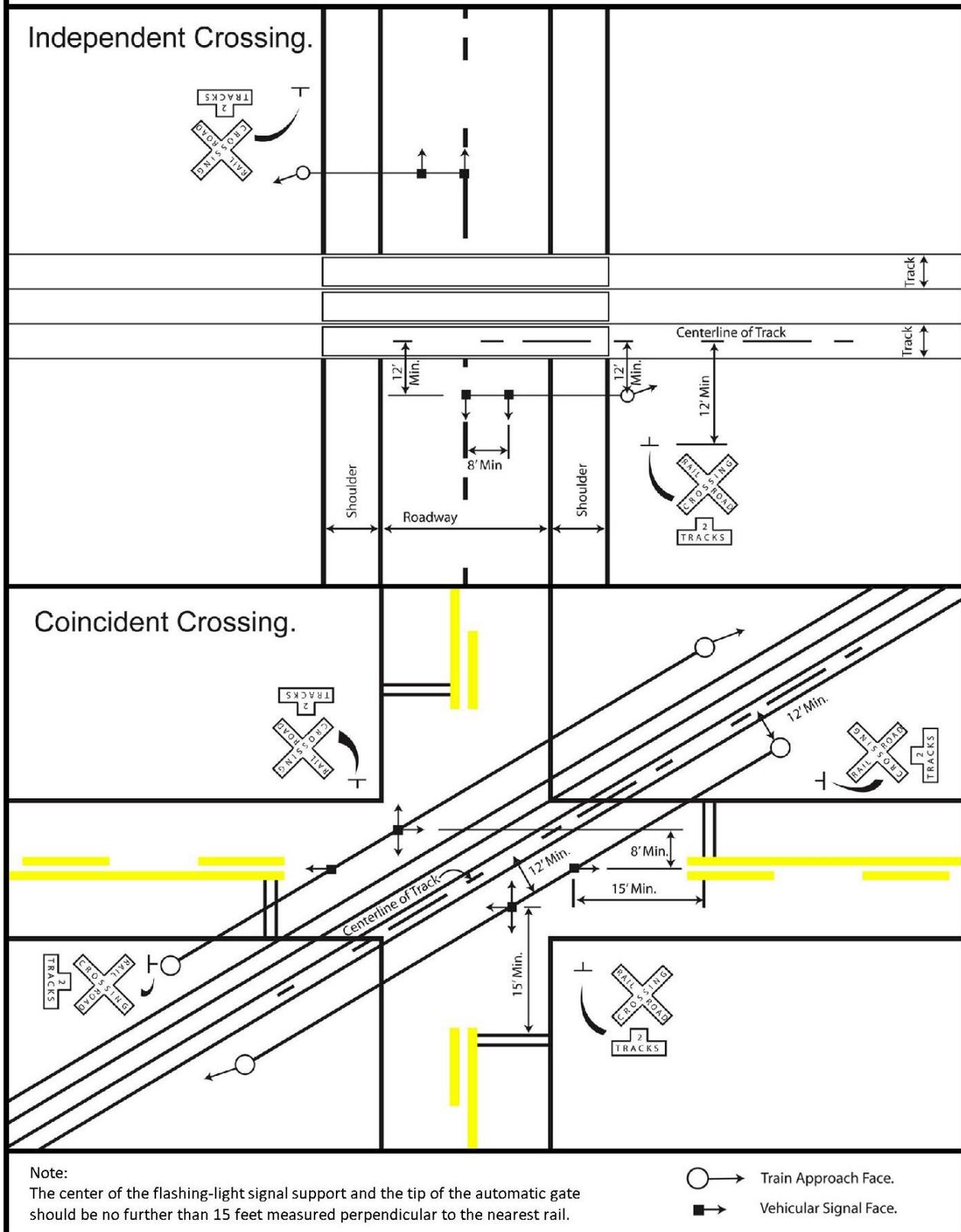
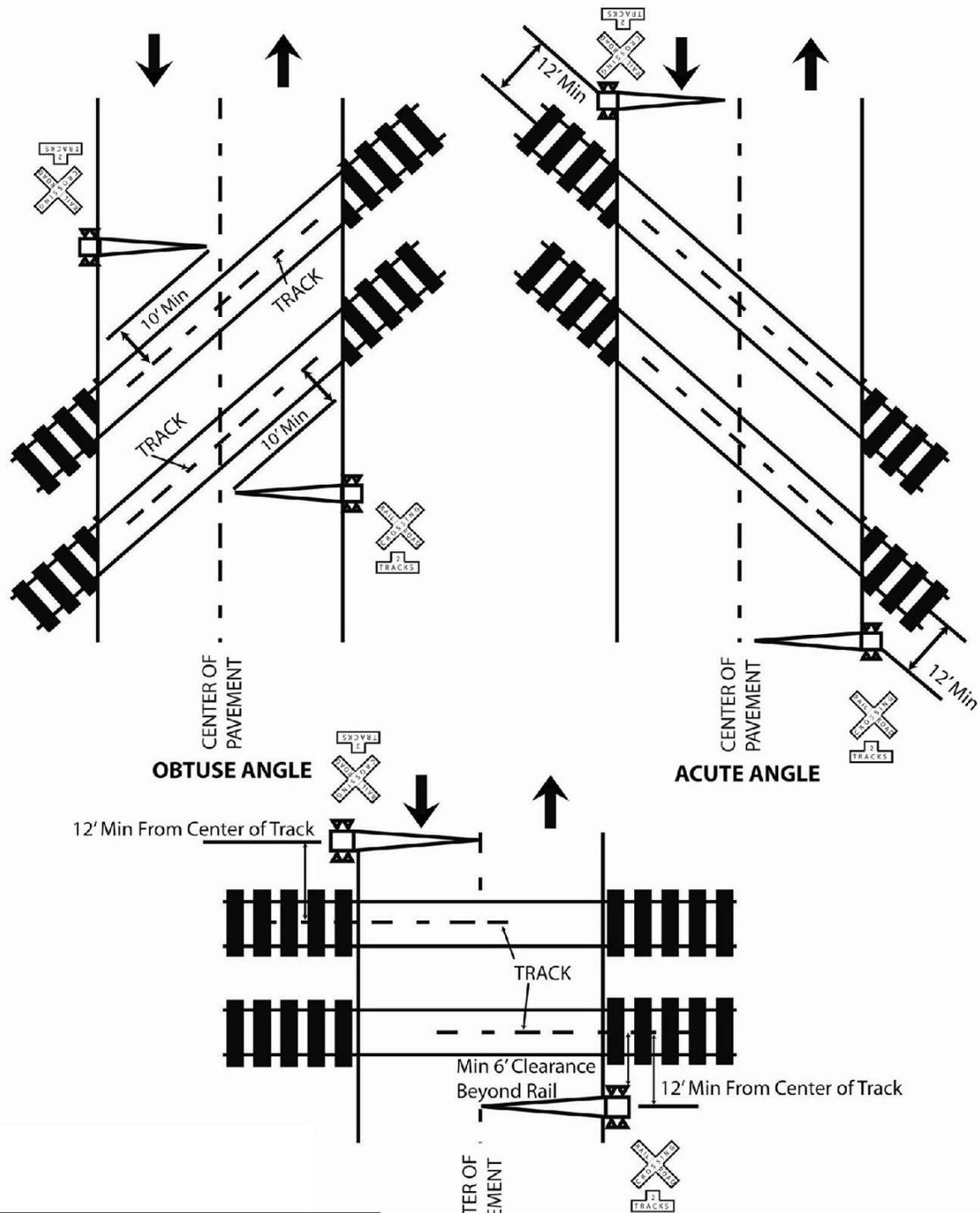


Figure 8C-102.

Examples of Location Plan for  
Flashing-Light Signals and Two Quadrant Gates



Note:  
The center of the flashing-light signal support and the tip of the automatic gate should be no further than 15 feet measured perpendicular to the nearest rail.

↓ Direction of Travel  
⊠ Railroad Flashing Signal

# PART 9

## TRAFFIC CONTROL FOR BICYCLE FACILITIES

### CHAPTER 9B. SIGNS

#### Section 9B.04 Bike Lane Signs and Plaques (R3-17, R3-17aP, R3-17bP)

*DELETE Paragraph 02.*

*INSERT the following paragraph:*

**Standard:**

- 01A **Bike Lane signs and plaques shall be used in advance of the upstream end of the bicycle lane, at the downstream end of the bicycle lane, and at periodic intervals along the bicycle lane as determined by engineering judgment based on prevailing speed of bicycle and other traffic, block length, distances from adjacent intersections, and other considerations.**

#### Section 9B.06 Bicycles May Use Full Lane Sign (R4-11)

*DELETE entire section; the R4-11 sign shall not be used in New York, as its message is not an accurate reflection of Section 1234 of the New York State Vehicle and Traffic Law, and could mislead inexperienced bicyclists into occupying inappropriate, and unsafe, positions within a roadway. On roadways where space is limited and interactions between motorists and bicyclists have proven problematic, it is preferable to either provide positive guidance to bicyclists in the form of Shared Lane Markings (see Section 9C.07) and/or warning to motorists in the form of the SHARE THE ROAD (W16-1P) plaque (see Section 2B.19).*

#### Section 9B.20 Bicycle Guide Signs (D1-1b, D1-1c, D1-2b, D1-2c, D1-3b, D1-3c, D11-1, D11-1c)

*DELETE Paragraph 11.*

*INSERT the following paragraphs:*

**Option:**

- 01A **Bike Route Guide (D11-1) signs may be used to guide bicyclists along an unnumbered bicycle route that is part of a small local system, or that connects two places between which bicycle travel is common.**

**Support:**

- 01B Bike Route Guide signs are not intended for use along residential streets where bicycle travel patterns are random, or where guidance for bicyclists is unnecessary.
- 01C Bike Route Guide signs do not alter statutory provisions about bicyclists' rights to travel on highways, paths, and trails, nor do they alter the rules for bicycle operation.

**Standard:**

- 04A **Bicycle Destination (D1-1b, D1-1c, D1-2b, D1-2c, D1-3b, D1-3c) signs shall not contain destination information that can also apply to other road users. When used on roadways, Destination (D1-1, D1-1a) and Street Name (D3) signs shall be the sizes indicated in Table 2D-1.**

**Guidance:**

- 05A *The use of horizontal separator lines should be limited to instances where it is deemed necessary to emphasize the presence of independent messages appearing on the same sign face. On most Destination signs, adequate separation of destinations should be accomplished through the spacing of lines of legend.*

**Section 9B.21 Bicycle Route Signs (M1-8, M1-8a, M1-9)**

*DELETE the entire section.*

*INSERT the following paragraphs:*

**Option:**

- 00A To establish a unique identification (route designation) for a State, regional, or local bicycle route, the Bicycle Route (M1-8) sign (see Figure 9B-4), Regional Bicycle Route (NYM6-3) sign (see Sign Drawing SD-G13), or Local Bicycle Route (NYM6-2) sign (see Sign Drawing SD-G13) may be used.

**Guidance:**

- 00B *Bicycle routes, which might be a combination of various types of bikeways, should establish a continuous routing.*

**Standard:**

- 00C **The Bicycle Route sign shall be for use in guiding bicyclists along a State bicycle route, or an interregional or long-distance bicycle route for which a numerical designation has been established.**
- 00D **The Regional Bicycle Route sign shall be for use in guiding bicyclists along a regional bicycle route for which a numerical designation has been established.**
- 00E **The Local Bicycle Route sign shall be for use in guiding bicyclists along a local bicycle route for which a numerical designation has been established.**

00F **The U.S. Bicycle Route (M1-9) sign (see Figure 9B-4) shall be for use in guiding bicyclists along an interstate bicycle route which has a numerical designation established by the American Association of State Highway and Transportation Officials.**

00G **The M1-8a sign shall not be used in New York State.**

Option:

00H The Regional Bicycle Route sign may display either a county name or a regional identification.

00I If the locality, county, or region name will not fit within the Regional Bicycle Route or Local Bicycle Route signs in the indicated size of series E lettering, series D or series C lettering may be substituted.

00J A unique logo may be used in place of the numerical designation on the Regional and Local Bicycle Route signs.

**Standard:**

00K **The Bicycle Route sign shall contain a route designation and shall have a green background with a retroreflective white legend and border.**

00L **The Regional Bicycle Route and Local Bicycle Route signs shall have green backgrounds with retroreflective white legends and borders, except that green lettering shall be used for the name of the locality, county, or region.**

00M **The U.S. Bicycle Route sign shall contain the assigned route number designation and have a black legend and border with a retroreflective white background.**

00N **Logos used on Regional and Local Bicycle Route signs shall not contain any advertising.**

*Guidance:*

00O *Where a designated bicycle route extends for long distances through two or more States, a coordinated submittal by the affected States for an assignment of a U.S. Bicycle Route number designation should be sent to the American Association of State Highway and Transportation Officials (see Page i of the MUTCD for the address).*

00P *If used, the Bicycle Route, Regional Bicycle Route, Local Bicycle Route, or U.S. Bicycle Route signs should be placed at intervals frequent enough to keep bicyclists informed of changes in route direction and to remind motorists of the presence of bicyclists.*

Option:

00Q Bicycle Route, Regional Bicycle Route, Local Bicycle Route, or U.S. Bicycle Route signs may be installed on shared roadways or on shared-use paths to provide guidance for bicyclists.

**Section 9B.22      Bicycle Route Sign Auxiliary Plaques**

*INSERT the following paragraphs:*

Support:

- 01A      All provisions in this section also apply to Local Bicycle Route (NYM6-2) signs.

**Standard:**

- 08A      **Bicycle Destination (D1-1b, D1-1c, D1-2b, D1-2c, D1-3b, D1-3c) signs shall not contain destination information that can also apply to other road users.**
- 08B      **When used on roadways, Destination (D1-1, D1-1a) signs shall be the sizes indicated in Table 2D-1.**

## CHAPTER 9C. MARKINGS

### Section 9C.04 Markings for Bicycle Lanes

*DELETE Paragraphs 02, 03, and 05.*

*INSERT the following paragraphs:*

#### **Standard:**

- 01A **Bicycle lanes shall be defined with longitudinal pavement markings, and marked with either a bicycle symbol or the word marking BIKE LANE (see Figure 9C-3).**

#### *Guidance:*

- 02A *Bicycle lane word, symbol, and/or arrow markings (see Figure 9C-3) should be placed at the beginning of a bicycle lane and at periodic intervals along the bicycle lane based on engineering judgment.*

#### *Option:*

- 04A Bicycle lane word, symbol, and/or arrow pavement markings may be placed at different intervals than Bike Lane signs (see Section 9B.04) so that signs are not necessarily adjacent to every set of pavement markings.

This page intentionally left blank.

# **APPENDIX 1**

# **SIGN DRAWINGS**

## SIGN DRAWINGS – Table of Contents

<u>Sign Drawing #</u>	<u>Sign Drawing Description</u>
SD-R1 .....	Speed Limit Signs
SD-R2 .....	School Speed Limit Sign
SD-R3 .....	Supplemental Intersection Signs
SD-R4 .....	Lane Control Signs
SD-R5 .....	Traffic Signal Sign
SD-R6 .....	Roadway Lane Use Signs
SD-R7 .....	Regulatory Clearance Signs
SD-R8 .....	Selective Exclusion Signs
SD-R9 .....	Truck Route Sign
SD-R10 .....	Pedestrian Crossing Plaques
SD-R11 .....	Auxiliary Regulatory Plaques
SD-R12 .....	Snow Emergency Route Signs
SD-R13 .....	WHEN FLASHING (Weigh Station) Sign
SD-R14 .....	Seasonal Limited-Use Highway Sign
SD-R15 .....	State Law Signs
SD-R16 .....	NOTICE INCREASED TRAIN TRAFFIC Sign
SD-R17 .....	Parking Prohibition Signs
SD-R18 .....	Permissive Parking Signs
SD-R19 .....	Parking Plaques
SD-R20 .....	NO TRUCKS WITH R PERMIT Signs
SD-R21 .....	Preferential and Managed Lane Signs
SD-W2 .....	Side Road Symbol Sign
SD-W3 .....	Pass Left or Right Sign
SD-W4 .....	Lane Reduction Signs
SD-W5 .....	Advance Load Signs
SD-W12 .....	FALLEN ROCK ZONE and SLIDES Signs
SD-W13 .....	MINIMUM MAINTENANCE ROAD Sign
SD-W14 .....	RUMBLE STRIPS Sign
SD-W16 .....	Driveway Entrance Plaques
SD-W17 .....	Vehicular Traffic Signs
SD-W18 .....	TRAIN WHEN FLASHING Sign
SD-W19 .....	CHILDREN AT PLAY Sign
SD-W20 .....	DEAF CHILD AREA and BLIND CHILD AREA Signs
SD-W21 .....	LOW FLYING PLANES Sign
SD-W22 .....	UNDERPASS Sign
SD-W24 .....	SMOKE Sign
SD-W25 .....	Bus Signs
SD-W26 .....	BIRD NESTING AREA Sign
SD-W27 .....	BRIDGE CLOSED 500 FT Sign
SD-W28 .....	Miscellaneous Temporary Traffic Control Signs
SD-W29 .....	Incident Management Signs
SD-W30 .....	SANDBLASTING Sign
SD-W33 .....	INCREASED ENFORCEMENT AREA Sign
SD-W34 .....	Safety Zone Sign

<b>SD-W36</b> .....	Overhead Warning Sign Assembly Sign
<b>SD-W37</b> .....	Special Warning Signs
<b>SD-W38</b> .....	BUS TURN Sign
<b>SD-W39</b> .....	SNOWPLOW TURN Sign
<b>SD-W40</b> .....	Sign Marker
<b>SD-G4</b> .....	Rest Area & Scenic Signs
<b>SD-G5</b> .....	Political Boundary Signs
<b>SD-G6</b> .....	Political Boundary Signs
<b>SD-G8</b> .....	Watershed Signs
<b>SD-G9</b> .....	Tourist-Oriented Directional Signs
<b>SD-G10</b> .....	Specific Service Signs
<b>SD-G11</b> .....	New York State Route Signs
<b>SD-G12</b> .....	Highway Facility Signs
<b>SD-G13</b> .....	Bicycle Route Signs
<b>SD-G14</b> .....	Snowmobile & All Terrain Vehicle Route Signs
<b>SD-G15</b> .....	General Information Symbol Signs
<b>SD-G16</b> .....	Historic Site Signs
<b>SD-G17</b> .....	Catskill Former Site Signs
<b>SD-G18</b> .....	General Service Symbol Signs
<b>SD-G21</b> .....	Name Auxiliary Signs
<b>SD-G23</b> .....	Auto Tour Route Signs
<b>SD-G24</b> .....	Hudson River Estuary Signs
<b>SD-G25</b> .....	Heritage Signs

<b>SIGN DRAWING SD-R1</b>	White Background	Black Legend
<p><b>Speed Limit Signs</b>  <i>(NYR2-2, NYR2-3, NYR2-4, NYR2-5, NYR2-6, NYR2-11)</i></p>		



NYR2-2



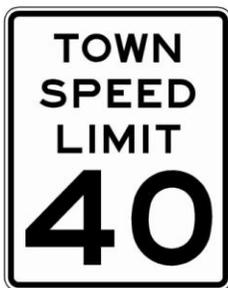
NYR2-3



NYR2-4



NYR2-5



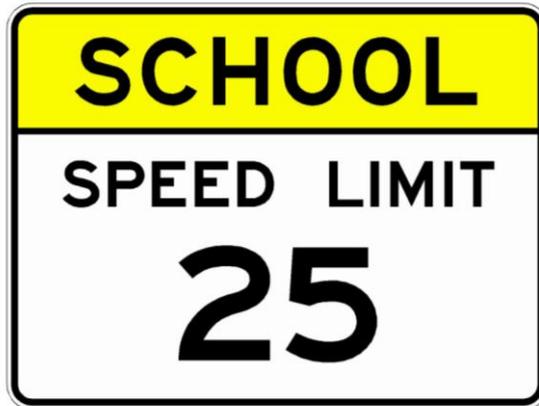
NYR2-6



NYR2-11

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4
	NYR2-2 thru NYR2-6	18" x 24"	.375"	.625"	2"-F*	2"-F	2"-F	8"-E
<b>C</b>	NYR2-2 thru NYR2-6	24" x 30"	.375"	.625"	3"-F*	3"-F	3"-F	10"-E
	NYR2-2 thru NYR2-6	30" x 36"	.5"	.75"	3.5"-F	3.5"-F	3.5"-F	12"-E
	NYR2-2 thru NYR2-6	36" x 48"	.625"	.875"	4"-F*	4"-F	4"-F	14"-E
	NYR2-2 thru NYR2-6	48" x 60"	.75"	1.25"	6"-F*	6"-F	6"-F	16"-E
	NYR2-11	18" x 24"	.375"	.625"	3"-E	6"-E	2.5"-E	2.5"-E
<b>C</b>	NYR2-11	24" x 30"	.375"	.625"	4"-E	8"-E	3"-E	3"-E
	NYR2-11	30" x 36"	.5"	.75"	5"-E	10"-E	4"-E	4"-E
	NYR2-11	36" x 48"	.625"	.875"	6"-E	12"-E	5"-E	5"-E
	NYR2-11	48" x 60"	.75"	1.25"	8"-E	16"-E	6"-E	6"-E
* Series E for NYR2-5 sign								

<b>SIGN DRAWING SD-R2</b>	<b>White &amp; Yellow Background</b>	<b>Black Legend</b>
<i>School Speed Limit Sign (NYR2-8)</i>		



NYR2-8

Sign	Size	Margin	Border/ Lines	Line 1	Line 2	Line 3
NYR2-8	48" x 36"	.375"	.625"	6"-E	4"-E	10"-E

<b>SIGN DRAWING SD-R3</b>	<b>White Background</b>	<b>Black Legend</b>
<b>Supplemental Intersection Signs (NYR3-14, NYR3-19, NYR3-20)</b>		



NYR3-14



NYR3-19



NYR3-20

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3
	NYR3-14	24" x 30"	.375"	.625"	4"-C	4"-C	Arrow
<b>C</b>	NYR3-14	36" x 48"	.625"	.875"	6"-C	6"-C	Arrow
	NYR3-14	48" x 60"	.75"	1.25"	8"-C	8"-C	Arrow
	NYR3-14	72" x 96"	1"	1.5"	12"-C	12"-C	Arrow
<b>C</b>	NYR3-19 & NYR3-20	24" x 30"	.375"	.625"	6"-C	6"-C	6"-C
	NYR3-19 & NYR3-20	36" x 48"	.625"	.875"	9"-C	9"-C	9"-C
	NYR3-19 & NYR3-20	48" x 60"	.75"	1.25"	12"-C	12"-C	12"-C

<b>SIGN DRAWING SD-R4</b>	White Background	Black Legend
<p><b><i>Lane Control Signs (Sheet 1 of 2)</i></b></p> <p><b><i>(NYR3-21, NYR3-27, NYR3-28, NYR3-33, NYR3-34, NYR3-35, NYR3-51, NYR3-52, NYR3-53, NYR3-54, NYR3-55, NYR3-56, NYR3-59, NYR3-60, NYR3-61, NYR3-62, NYR3-63, NYR3-64, NYR3-65, NYR3-66, NYR3-67)</i></b></p>		



NYR3-21



NYR3-27



NYR3-28



NYR3-33



NYR3-34



NYR3-35



NYR3-51



NYR3-52



NYR3-53



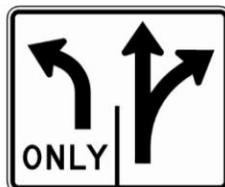
NYR3-54



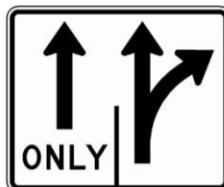
NYR3-55



NYR3-56



NYR3-59



NYR3-60



NYR3-61



NYR3-62



NYR3-63



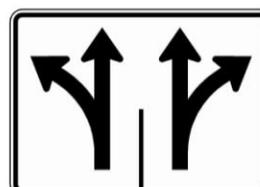
NYR3-64



NYR3-65



NYR3-66



NYR3-67 Effective March 16, 2011

<b>SIGN DRAWING SD-R4</b>	<b>White Background</b>	<b>Black Legend</b>
<p><b><i>Lane Control Signs (Sheet 2 of 2)</i></b>  <b><i>(NYR3-21, NYR3-27, NYR3-28, NYR3-33, NYR3-34, NYR3-35, NYR3-51, NYR3-52, NYR3-53, NYR3-54, NYR3-55, NYR3-56, NYR3-59, NYR3-60, NYR3-61, NYR3-62, NYR3-63, NYR3-64, NYR3-65, NYR3-66, NYR3-67)</i></b></p>		

<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>	<b>Line 4</b>	<b>Line 5</b>
NYR3-21	30" x 36"	.5"	.75"	Arrow	6"-D	5"-C		
NYR3-27 & NYR3-28	36" x 36"	.5"	.75"	Arrow				
NYR3-33 thru NYR3-35	24" x 30"	.375"	.625"	4"-D	4"-D	4"-D	4"-D	4"-D
NYR3-51 thru NYR3-56	30" x 30"	.5"	.75"	Arrows	4"-D			
NYR3-59 thru NYR3-62	36" x 30"	.5"	.75"	Arrows	4"-D			
NYR3-63 thru NYR3-66	42" x 30"	.5"	.75"	Arrows	4"-D			
NYR3-67	42" x 30"	.5"	.75"	Arrows				

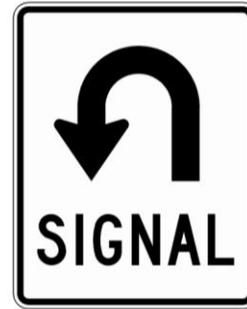
<b>SIGN DRAWING SD-R5</b>	<b>White Background</b>	<b>Black Legend</b>
<b>Traffic Signal Signs</b> <b>(NYR3-40, NYR3-41, NYR3-44)</b>		



NYR3-40



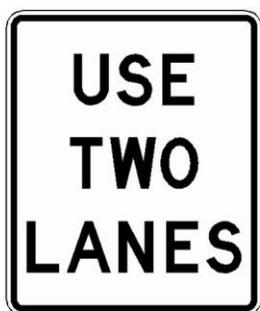
NYR3-41



NYR3-44

Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4
NYR3-40 & NYR3-41	18" x 24"	.375"	.625"	4"-C	4"-C	4"-C	4"-C
NYR3-44	24" x 30"	.375"	.625"	Arrow	5"-C		

<b>SIGN DRAWING SD-R6</b>	<b>White Background</b>	<b>Black Legend</b>
<b>Roadway Lane Use Signs (NYR4-11, NYR4-17, NYR4-18)</b>		



NYR4-11



NYR4-17



NYR4-18

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6
<b>C</b>	NYR4-11	30" x 36"	.5"	.75"	6"-D	6"-D	6"-D			
	NYR4-11	48" x 60"	.75"	1.25"	8"-D	8"-D	8"-D			
	NYR4-17	48" x 60"	.75"	1.25"	6"-D	6"-D	6"-D	6"-D	6"-D	6"-D
	NYR4-18	42" x 36"	.625"	.875"	6"-D	6"-D	6"-D			

<b>SIGN DRAWING SD-R7</b>	<b>White Background</b>	<b>Black Legend</b>
<b>Regulatory Clearance Signs (NYR5-6, NYR5-7)</b>		



NYR5-6



NYR5-7

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NYR5-6	36" x 18"	.375"	.5"	8"-D	3"-D	
	NYR5-6	72" x 36"	.75"	1"	16"-D	6"-D	
<b>C</b>	NYR5-7	36" x 30"	.5"	.75"	8"-D	3"-D	Arrow
	NYR5-7	72" x 60"	1"	1.5"	16"-D	6"-D	Arrow

<b>SIGN DRAWING SD-R8</b>	White Background	Black & Red Legend
<b>Selective Exclusion Signs</b> <i>(NYR5-12, NYR5-13, NYR5-21, NYR5-26, NYR5-27, NYR5-28)</i>		



NYR5-13



NYR5-12



NYR5-21



NYR5-26



NYR5-27



NYR5-28

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4
	NYR5-12	18" x 24"	.375"	.625"	3"-B	3"-C	3"-C	
<b>C</b>	NYR5-12	24" x 30"	.375"	.625"	4"-B	4"-C	4"-C	
	NYR5-12	36" x 48"	.625"	.875"	6"-B	6"-C	6"-C	
	NYR5-12	48" x 60"	.75"	1.250"	8"-B	8"-C	8"-C	
	NYR5-13	180" x 30"	1"	1.5"	10"-D			
	NYR5-21	24" x 24"	.375"	.625"	Symbol			
<b>C</b>	NYR5-21	30" x 30"	.5"	.625"	Symbol			
	NYR5-21	36" x 36"	.625"	.875"	Symbol			
	NYR5-21	48" x 48"	.75"	1.25"	Symbol			
	NYR5-26	24" x 24"	.375"	.625"	3"-C	3"-C	3"-C	3"-C
	NYR5-27	30" x 18"	.375"	.625"	3"-D	3"-D	3"-D	
	NYR5-28	36" x 24"	.375"	.625"	4"-C	4"-C	4"-C	

<b>SIGN DRAWING SD-R9</b>	<b>White Background</b>	<b>Black Legend</b>
<i>Truck Route Sign (NYR5-15)</i>		



NYR5-15

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>	<b>Line 4</b>	<b>Line 5</b>
	NYR5-15	24" x 36"	.375"	.625"	4"-C	3"-C	4"-C	4"-C	4"-C
<b>C</b>	NYR5-15	36" x 48"	.625"	.875"	5"-D	4"-C	5"-D	5"-D	5"-D

<b>SIGN DRAWING SD-R10</b>	<b>White Background</b>	<b>Black Legend</b>
<b><i>Pedestrian Crossing Plaques (NYR6-5P, NYR6-7P)</i></b>		



NYR6-5P



NYR6-7P

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
<b>C</b>	NYR6-5P & NYR6-7P	18" x 12"	.375"	.375"	3"-C, Arrow	3"-B
	NYR6-5P & NYR6-7P	24" x 15"	.375"	.375"	4"-C, Arrow	4"-B
	NYR6-5P & NYR6-7P	30" x 21"	.5"	.75"	5"-C, Arrow	5"-B

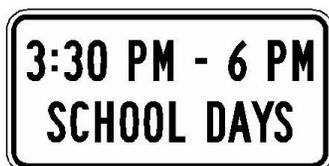
<b>SIGN DRAWING SD-R11</b>	<b>White Background</b>	<b>Black Legend</b>
<i>Auxiliary Regulatory Plaques (Sheet 1 of 2)</i> <i>(NYR7-2P, NYR7-3P, NYR7-4P, NYR7-5P, NYR7-6P, NYR7-7P, NYR7-13P, NYR7-13aP)</i>		



NYR7-2P



NYR7-3P



NYR7-4P



NYR7-4P



NYR7-5P



NYR7-6P



NYR7-7P



NYR7-13P



NYR7-13aP

<b>SIGN DRAWING SD-R11</b>	<b>White Background</b>	<b>Black Legend</b>
<b>Auxiliary Regulatory Plaques (Sheet 2 of 2)</b> <b>(NYR7-2P, NYR7-3P, NYR7-4P, NYR7-5P, NYR7-6P, NYR7-7P, NYR7-13P, NYR7-13aP)</b>		

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NYR7-2P	24" x 8"	.375"	.375"	4"-D		
	NYR7-2P	30" x 10"	.375"	.625"	5"-D		
	NYR7-2P	36" x 12"	.5"	.75"	6"-D		
	NYR7-2P	48" x 16"	.625"	.875"	8"-D		
<b>C</b>	NYR7-3P	24" x 8"	.375"	.375"	2"-D	2"-D	
	NYR7-3P	30" x 10"	.375"	.625"	2.5"-D	2.5"-D	
	NYR7-3P	36" x 12"	.5"	.75"	3"-D	3"-D	
	NYR7-3P	48" x 16"	.625"	.875"	4"-D	4"-D	
<b>C</b>	NYR7-4P	24" x 12"	.375"	.375"	3"-B min.	3"-B min.	
	NYR7-4P	30" x 15"	.375"	.625"	4"-B min.	4"-B min.	
	NYR7-4P	36" x 18"	.5"	.75"	4.5"-B min.	4.5"-B min.	
	NYR7-4P	48" x 24"	.625"	.875"	6"-B min.	6"-B min.	
<b>C</b>	NYR7-5P	24" x 12"	.375"	.375"	2"-E	2"-E	2"-E
	NYR7-5P	30" x 15"	.375"	.625"	2.5"-E	2.5"-E	2.5"-E
	NYR7-5P	36" x 18"	.5"	.75"	3"-E	3"-E	3"-E
	NYR7-5P	48" x 24"	.625"	.875"	4"-E	4"-E	4"-E
<b>C</b>	NYR7-6P	24" x 16"	.375"	.375"	4"-D	4"-D	
	NYR7-6P	30" x 20"	.375"	.625"	5"-D	5"-D	
	NYR7-6P	36" x 24"	.5"	.75"	6"-D	6"-D	
	NYR7-6P	48" x 32"	.625"	.875"	8"-D	8"-D	
<b>C</b>	NYR7-7P	24" x 8"	.375"	.375"	4"-B		
	NYR7-7P	30" x 10"	.375"	.625"	5"-B		
	NYR7-7P	36" x 12"	.5"	.75"	6"-B		
	NYR7-7P	48" x 16"	.625"	.875"	8"-B		
<b>C</b>	NYR7-13P	24" x 12"	.375"	.375"	3"-D	3"-D	
	NYR7-13P	30" x 15"	.375"	.625"	4"-D	4"-D	
	NYR7-13P	36" x 18"	.5"	.75"	4.5"-D	4.5"-D	
	NYR7-13P	48" x 24"	.625"	.875"	6"-D	6"-D	
	NYR7-13aP	48" x 9"	.375"	.375"	3"-D		

<b>SIGN DRAWING SD-R12</b>	<b>Red Background</b>	<b>White Legend</b>
<b>Snow Emergency Route Signs (NYR7-10, NYR7-11)</b>		



NYR7-10



NYR7-11

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6
<b>C</b>	NYR7-10	24" x 18"		.5"	3"-C	3"-C	3"-C			
	NYR7-10	36" x 30"		.75"						
<b>C</b>	NYR7-11	24" x 30"	.5"	.5"	3"-C	3"-C	3"-C	2"-E	2"-E	2"-E
	NYR7-11	36" x 48"	.75"	.75"	5"-C	5"-C	5"-C	3"-E	3"-E	3"-E

<b>SIGN DRAWING SD-R13</b>	<b>White Background</b>	<b>Black Legend</b>
<b><i>WHEN FLASHING (Weigh Station) Sign (NYR7-14)</i></b>		



NYR7-14

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>
<b>C</b>	NYR7-14	72" x 18"	.5"	.75"	6"-D
	NYR7-14	96" x 24"	.625"	1"	8"-D
	NYR7-14	120" x 30"	.75"	1.25"	10"-D

<b>SIGN DRAWING SD-R14</b>	<b>White Background</b>	<b>Black Legend</b>
<i>Seasonal Limited-Use Highway Sign (NYR8-10)</i>		



NYR8-10

Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6
NYR8-10	30" x 36"	.5"	.75"	4"-C	4"-C	4"-C	.75" line	3"-C	3"-C

<b>SIGN DRAWING SD-R15</b>	White Background	Black Legend
<p><i>State Law Signs (Sheet 1 of 3)</i></p> <p><i>(NYR9-1, NYR9-2, NYR9-3, NYR9-4, NYR9-5, NYR9-6, NYR9-7, NYR9-9, NYR9-10, NYR9-11, NYR9-12, NYR9-13, NYR9-14, NYR9-15)</i></p>		



NYR9-1



NYR9-2



NYR9-3



NYR9-4



NYR9-5



NYR9-6



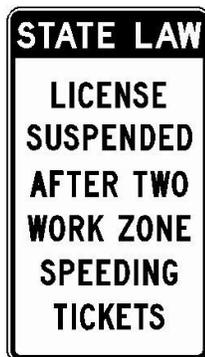
NYR9-7



NYR9-9



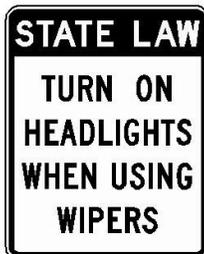
NYR9-10



NYR9-11



NYR9-12



NYR9-13



NYR9-14



NYR9-15

<b>SIGN DRAWING SD-R15</b>	White Background	Black Legend
<p><b>State Law Signs (Sheet 2 of 3)</b>  <b>(NYR9-1, NYR9-2, NYR9-3, NYR9-4, NYR9-5, NYR9-6, NYR9-7, NYR9-9, NYR9-10, NYR9-11, NYR9-12, NYR9-13, NYR9-14, NYR9-15)</b></p>		

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7
<b>C</b>	NYR9-1	24" x 30"	.375"	.625"	3"-D	4"-D	4"-D	4"-D			
	NYR9-1	36" x 48"	.625"	.875"	4"-D	6"-D	6"-D	6"-D			
	NYR9-1	48" x 60"	.75"	1.25"	6"-D	8"-D	8"-D	8"-D			
<b>C</b>	NYR9-2	24" x 36"	.375"	.625"	3"-D	4"-C	4"-C	4"-C	4"-C		
	NYR9-2	36" x 54"	.625"	.875"	4"-D	6"-D	6"-D	6"-D	6"-D		
	NYR9-3	18" x 24"	.375"	.625"	2"-D	3"-C	3"-C	3"-C	3"-C		
<b>C</b>	NYR9-4	24" x 36"	.375"	.625"	3"-D	4"-D	4"-D	4"-D	4"-D		
	NYR9-4	36" x 54"	.625"	.875"	4"-D	6"-D	6"-D	6"-D	6"-D		
<b>C</b>	NYR9-5	24" x 36"	.375"	.625"	3"-D	4"-D	4"-D	4"-D	4"-D		
	NYR9-5	36" x 54"	.625"	.875"	4"-D	6"-D	6"-D	6"-D	6"-D		
	NYR9-5	48" x 72"	.75"	1.25"	6"-D	8"-D	8"-D	8"-D	8"-D		
<b>C</b>	NYR9-6	24" x 36"	.375"	.625"	3"-D	3"-D	Symbol	3"-D			
	NYR9-6	36" x 54"	.625"	.875"	4"-D	4"-D	Symbol	4"-D			
	NYR9-6	48" x 72"	.75"	1.25"	6"-D	6"-D	Symbol	6"-D			
<b>C</b>	NYR9-7	24" x 42"	.375"	.625"	3"-D	3"-D	Symbol	3"-D	3"-D		
	NYR9-7	36" x 60"	.625"	.875"	4"-D	4"-D	Symbol	4"-D	4"-D		
	NYR9-7	48" x 84"	.75"	1.25"	6"-D	6"-D	Symbol	6"-D	6"-D		
<b>C</b>	NYR9-9	24" x 36"	.375"	.625"	3"-D	4"-C	4"-C	4"-C	4"-C		
	NYR9-9	36" x 54"	.625"	.875"	6"-C	6"-C	6"-C	6"-C	6"-C		
	NYR9-9	48" x 72"	.75"	1.25"	8"-C	8"-C	8"-C	8"-C	8"-C		
	NYR9-10	18" x 24"	.375"	.625"	2"-D	3"-C	3"-C	3"-C	3"-C		
<b>C</b>	NYR9-11	24" x 42"	.375"	.625"	3"-D	3"-C	3"-C	3"-C	3"-C	3"-C	3"-C
	NYR9-11	48" x 84"	.75"	1.25"	6"-D	6"-C	6"-C	6"-C	6"-C	6"-C	6"-C
<b>C</b>	NYR9-12	24" x 36"	.375"	.625"	3"-D	3"-C	3"-C	3"-C	3"-C	3"-C	
	NYR9-12	36" x 54"	.625"	.875"	4"-D	4"-C	4"-C	4"-C	4"-C	4"-C	
	NYR9-12	48" x 72"	.75"	1.25"	6"-D	6"-C	6"-C	6"-C	6"-C	6"-C	

<b>SIGN DRAWING SD-R15</b>	<b>White Background</b>	<b>Black Legend</b>
<b>State Law Signs (Sheet 3 of 3)</b> <b>(NYR9-1, NYR9-2, NYR9-3, NYR9-4, NYR9-5, NYR9-6, NYR9-7, NYR9-9, NYR9-10, NYR9-11, NYR9-12, NYR9-13, NYR9-14, NYR9-15)</b>		

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>	<b>Line 4</b>	<b>Line 5</b>	<b>Line 6</b>	<b>Line 7</b>
<b>C</b>	NYR9-13	24" x 30"	.375"	.625"	3"-D	3"-C	3"-C	3"-C	3"-C		
	NYR9-13	36" x 48"	.625"	.875"	4"-D	4"-C	4"-C	4"-C	4"-C		
	NYR9-13	48" x 60"	.75"	1.25"	6"-D	6"-C	6"-C	6"-C	6"-C		
<b>C</b>	NYR9-14	24" x 42"	.375"	.625"	3"-D	3"-C	3"-C	3"-C	3"-C	3"-C	3"-C
	NYR9-14	36" x 60"	.625"	.875"	4"-D	4"-C	4"-C	4"-C	4"-C	4"-C	4"-C
	NYR9-14	48" x 84"	.75"	1.25"	6"-D	6"-C	6"-C	6"-C	6"-C	6"-C	6"-C
<b>C</b>	NYR9-15	30" x 36"	.375"	.625"	3"-D	3"-C	3"-C	3"-C	3"-C	3"-C	
	NYR9-15	42" x 54"	.625"	.875"	4"-D	4"-C	4"-C	4"-C	4"-C	4"-C	
	NYR9-15	60" x 72"	.75"	1.25"	6"-D	6"-C	6"-C	6"-C	6"-C	6"-C	

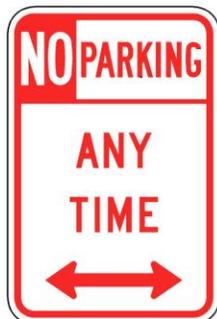
<b>SIGN DRAWING SD-R16</b>	<b>White Background</b>	<b>Black Legend</b>
<b><i>NOTICE INCREASED TRAIN TRAFFIC Sign (NYR10-5)</i></b>		



NYR10-5

<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
NYR10-5	36" x 18"	.5"	.75"	3"-D	3"-D	3"-D

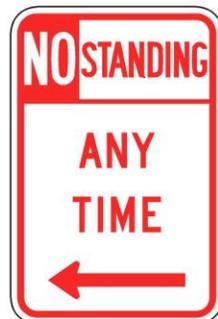
<b>SIGN DRAWING SD-R17</b>	White Background	Red Legend
<p><b>Parking Prohibition Signs (Sheet 1 of 2)</b>  <b>(NYP1-2, NYP1-4, NYP1-5, NYP1-6, NYP1-7, NYP1-8, NYP1-9, NYP1-10, NYP1-11, NYP1-15, NYP1-16)</b></p>		



NYP1-2



NYP1-4



NYP1-5



NYP1-6



NYP1-7



NYP1-8



NYP1-9



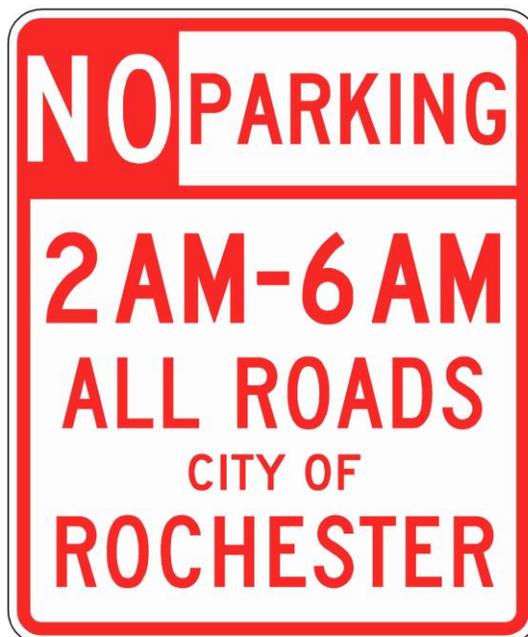
NYP1-10



NYP1-11



NYP1-15



NYP1-16

<b>SIGN DRAWING SD-R17</b>	<b>White Background</b>	<b>Red Legend</b>
<b><i>Parking Prohibition Signs (Sheet 2 of 2)</i></b> <b><i>(NYP1-2, NYP1-4, NYP1-5, NYP1-6, NYP1-7, NYP1-8, NYP1-9, NYP1-10, NYP1-11, NYP1-15, NYP1-16)</i></b>		

<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>	<b>Line 4</b>	<b>Line 5</b>
NYP1-2	12" x 18"	.375"	.375"	3"-B, 2"-B	2"-C	2"-C	Arrow	
NYP1-4	12" x 18"	.375"	.375"	3"-B, 2"-B	2"-B	2"-B	2"-B	Arrow
NYP1-5	12" x 18"	.375"	.375"	3"-B, 2"-B	2"-C	2"-C	Arrow	
NYP1-6	12" x 18"	.375"	.375"	3"-C	2"-C	2"-B	2"-B	Arrow
NYP1-7	12" x 18"	.375"	.375"	3"-C	2"-C	2"-C	2"-C	Arrow
NYP1-8	12" x 18"	.375"	.375"	3"-B, 2"-B	2"-B	2"-B	2"-B	Arrow
NYP1-9	12" x 18"	.375"	.375"	3"-C	3"-B	2"-C	2"-C	Arrow
NYP1-10	12" x 18"	.375"	.375"	3"-C	2"-C	2"-C	2"-C	Arrow
NYP1-11	12" x 18"	.375"	.375"	3"-C	2"-C	2"-C	2"-C	Arrow
NYP1-15	12" x 18"	.375"	.375"	3"-C	2"-C	2"-C	Arrow	
<b>C</b> NYP1-16	30" x 36"	.5"	.75"	6"-C, 4"-C	5"-C	4"-C	2"-D	4"-C*
NYP1-16	48" x 60"	.75"	1.25"	9"-C, 6"-C	8"-C	6"-C	3"-D	6"-C*
* Series B letters may be used for long legends.								

<b>SIGN DRAWING SD-R18</b>	White Background	Green Legend
<p><b>Permissive Parking Signs</b>                  (NYP2-1, NYP2-2, NYP2-3, NYP2-4, NYP2-5, NYP2-6, NYP2-7, NYP2-8)</p>		



NYP2-1



NYP2-2



NYP2-3



NYP2-4



NYP2-6



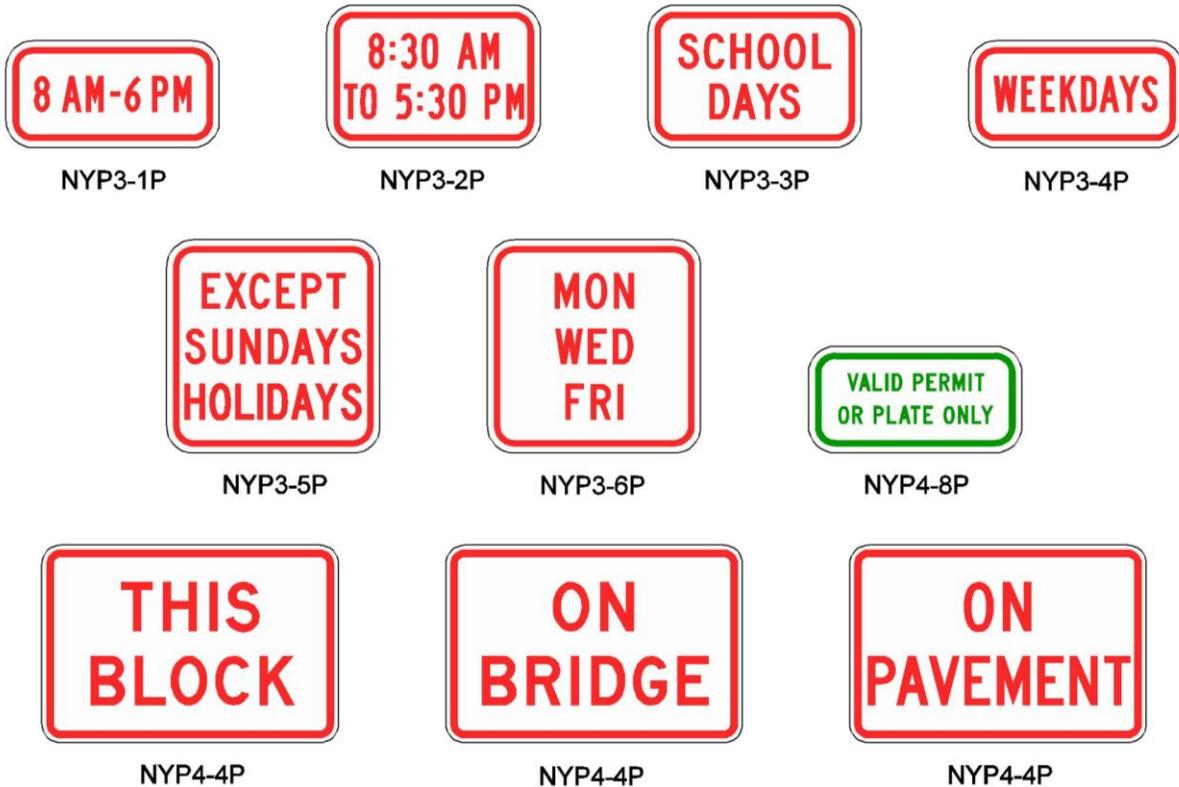
NYP2-7



NYP2-8

Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4
NYP2-1 & NYP2-2	12" x 18"	.375"	.375"	2"-C	2"-C	2"-C	Arrow
NYP2-3	12" x 18"	.375"	.375"	4"-C*, 2"-C**, 2"-B	2"-C	2"-C	Arrow
NYP2-4	12" x 18"	.375"	.375"	4"-C*, 2"-C**, 2"-B	2"-B	2"-B	Arrow
NYP2-6 & NYP2-7	12" x 18"	.375"	.375"	3"-C	2"-B	Arrow	
<b>C</b> NYP2-8	30" x 36"	.5"	.75"	8"-C, 4"-C	4"-C	2"-D	4"-C***
NYP2-8	48" x 60"	.75"	1.25"	12"-C, 6"	8"-C	3"-D	6"-C***
* 3"-B numerals should be used for two-digits numbers, and 2"-D for fractions. ** 2"-B letters should be used for "MIN." *** Series B letters may be used for long panels.							

<b>SIGN DRAWING SD-R19</b>	White Background	Red or Green Legend
<p><b>Parking Plaques</b>  <i>(NYP3-1P, NYP3-2P, NYP3-3P, NYP3-4P, NYP3-5P, NYP3-6P, NYP4-4P, NYP4-8P)</i></p>		



Sign	Size	Margin	Border	Line 1	Line 2	Line 3
NYP3-1P	12" x 6"	.375"	.375"	2"-B		
NYP3-2P	12" x 8"	.375"	.375"	2"-B	2"-B	
NYP3-3P	12" x 8"	.375"	.375"	2"-C	2"-C	
NYP3-4P	12" x 6"	.375"	.375"	2"-B		
NYP3-5P	12" x 12"	.375"	.375"	2"-C	2"-C	2"-C
NYP3-6P	12" x 12"	.375"	.375"	2"-C	2"-C	2"-C
<b>C</b>	NYP4-4P	24" x 16"	.375"	.625"	4"-C min.	4"-C min.
	NYP4-4P	36" x 24"	.625"	.875"	6"-C min.	6"-C min.
	NYP4-4P	48" x 32"	.75"	1.25"	8"-C min.	8"-C min.
NYP4-8P	12" x 6"	.375"	.375"	1"-C	1"-C	

<b>SIGN DRAWING SD-R20</b>	White Background	Black Legend
<b><i>NO TRUCKS WITH R PERMIT Signs (NYR5-4, NYR5-4aP )</i></b>		



NYR5-4



NYR5-4aP

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3
<b>C</b>	NYR5-4	48" x 24"	.375"	.5"	5"-D	3"-D	8"-D, 5"-D
<b>C</b>	NYR5-4aP	12" x 12"	.375"	.375"	8"-D		

<b>SIGN DRAWING SD-R21</b>	<b>White Background</b>	<b>Black Legend</b>
<i>Preferential and Managed Lane Signs (NYR4-19, NYR4-28)</i>		



NYR4-19



NYR4-28

Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4	Line 5
NYR4-19	84" x 54"	.75"	1.25"	8"-D	8"-D	8"-D		
NYR4-28	72" x 90"	1"	1.25"	Symbol	Logo	7"-D	7"-D	7"-D

<b>SIGN DRAWING SD-W2</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b>Side Road Symbol Sign (NYW2-8)</b>		



NYW2-8

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>
	NYW2-8	24" x 24"	.375"	.625"
<b>C</b>	NYW2-8	30" x 30"	.5"	.75"
	NYW2-8	36" x 36"	.625"	.875"
	NYW2-8	48" x 48"	.75"	1.25"

<b>SIGN DRAWING SD-W3</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>Pass Left or Right Sign (NYW3-4)</i></b>		



NYW3-4

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>
	NYW3-4	30" x 30"	.5"	.75"
<b>C</b>	NYW3-4	36" x 36"	.625"	.875"
	NYW3-4	48" x 48"	.75"	1.25"

<b>SIGN DRAWING SD-W4</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b>Lane Reduction Signs (NYW3-11, NYW3-14, NYW3-15)</b>		



NYW3-11



NYW3-14



NYW3-15

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
	NYW3-11	30" x 30"	.5"	.75"	Symbol	
<b>C</b>	NYW3-11	36" x 36"	.625"	.875"	Symbol	
	NYW3-11	48" x 48"	.75"	1.25"	Symbol	
	NYW3-14	30" x 30"	.5"	.75"	5"-D	5"-D
<b>C</b>	NYW3-14	36" x 36"	.625"	.875"	6"-D	6"-D
	NYW3-14	48" x 48"	.75"	1.25"	8"-D	8"-D
	NYW3-15	30" x 30"	.5"	.75"	5"-C	5"-C
<b>C</b>	NYW3-15	36" x 36"	.625"	.875"	6"-C	6"-C
	NYW3-15	48" x 48"	.75"	1.25"	8"-C	8"-C

<b>SIGN DRAWING SD-W5</b>	Yellow Background	Black Legend
<p><b>Advance Load Signs</b>  <b>(NYW3-19, NYW3-30, NYW3-31a, NYW3-31b)</b></p>		



NYW3-19



NYW3-30



NYW3-31a



NYW3-31b

	Sign	Size	Margin	Border	Line 1	Line 2	Line 3	Line 4
	NYW3-19	24" x 24"	.375"	.625"	4"-D	4"-D		
<b>C</b>	NYW3-19	30" x 30"	.5"	.75"	5"-D	5"-D		
	NYW3-19	36" x 36"	.625"	.875"	6"-D	6"-D		
	NYW3-19	48" x 48"	.75"	1.25"	8"-D	8"-D		
	NYW3-30	24" x 24"	.375"	.625"	4"-C	4"-C	4"-C	
<b>C</b>	NYW3-30	30" x 30"	.5"	.75"	5"-C	5"-C	5"-C	
	NYW3-30	36" x 36"	.625"	.875"	6"-C	6"-C	6"-C	
	NYW3-30	48" x 48"	.75"	1.25"	8"-C	8"-C	8"-C	
	NYW3-31a	24" x 24"	.375"	.625"	4"-C	6"-C, 4"-C	4"-C	
<b>C</b>	NYW3-31a	30" x 30"	.5"	.75"	5"-C	7"-C, 5"-C	5"-C	
	NYW3-31a	36" x 36"	.625"	.875"	6"-C	9"-C, 6"-C	6"-C	
	NYW3-31a	48" x 48"	.75"	1.25"	8"-C	12"-C, 8"-C	8"-C	
	NYW3-31b	24" x 24"	.375"	.625"	4"-C	6"-C, 4"-C	4"-C	3"-D
<b>C</b>	NYW3-31b	30" x 30"	.5"	.75"	5"-C	7"-C, 5"-C	5"-C	4"-D
	NYW3-31b	36" x 36"	.625"	.875"	6"-C	9"-C, 6"-C	6"-C	5"-D
	NYW3-31b	48" x 48"	.75"	1.25"	8"-C	12"-C, 8"-C	8"-C	6"-D

<b>SIGN DRAWING SD-W12</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b>SLIDES Sign (NYW4-15)</b>		



NYW4-15

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
	NYW4-15	24" x 24"	.375"	.625"	6"-D		
<b>C</b>	NYW4-15	30" x 30"	.5"	.75"	7"-D		
	NYW4-15	36" x 36"	.625"	.875"	8"-D		
	NYW4-15	48" x 48"	.75"	1.25"	12"-D		

<b>SIGN DRAWING SD-W13</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>MINIMUM MAINTENANCE ROAD Sign (NYW4-16)</i></b>		



NYW4-16

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
	NYW4-16	24" x 24"	.375"	.625"	3"-C	3"-C	3"-C
<b>C</b>	NYW4-16	30" x 30"	.5"	.75"	4"-C	4"-C	4"-C
	NYW4-16	36" x 36"	.625"	.875"	5"-C	5"-C	5"-C
	NYW4-16	48" x 48"	.75"	1.25"	6"-C	6"-C	6"-C

<b>SIGN DRAWING SD-W14</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>RUMBLE STRIPS Sign (NYW4-17)</i></b>		



NYW4-17

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
	NYW4-17	24" x 24"	.375"	.625"	4"-D	4"-D
<b>C</b>	NYW4-17	30" x 30"	.5"	.75"	5"-D	5"-D
	NYW4-17	36" x 36"	.625"	.875"	6"-D	6"-D
	NYW4-17	48" x 48"	.75"	1.25"	8"-D	8"-D

<b>SIGN DRAWING SD-W16</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>Driveway Entrance Plaques (NYW5-16P, NYW5-17P)</i></b>		



NYW5-16P



NYW5-17P

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
<b>C</b>	NYW5-16P	24" x 12"	.375"	.625"	4"-C	
	NYW5-16P	36" x 18"	.625"	.875"	6"-C	
<b>C</b>	NYW5-17P	24" x 18"	.375"	.625"	4"-C	4"-C
	NYW5-17P	36" x 24"	.625"	.875"	6"-C	6"-C

<b>SIGN DRAWING SD-W17</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>Vehicular Traffic Signs</i></b> <b><i>(NYW5-18, NYW5-19)</i></b>		



NYW5-18



NYW5-19

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>
	NYW5-18 & NYW5-19	24" x 24"	.375"	.625"
<b>C</b>	NYW5-18 & NYW5-19	30" x 30"	.5"	.75"
	NYW5-18 & NYW5-19	36" x 36"	.625"	.875"

<b>SIGN DRAWING SD-W18</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<i><b>TRAIN WHEN FLASHING Sign (NYW5-31)</b></i>		



NYW5-31

<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>
NYW5-31	42" x 18"	.375"	.625"

<b>SIGN DRAWING SD-W19</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b>CHILDREN AT PLAY Sign (NYW7-4)</b>		



NYW7-4

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
	NYW7-4	24" x 24"	.375"	.625"	4"-C	4"-C	4"-C
<b>C</b>	NYW7-4	30" x 30"	.5"	.75"	5"-C	5"-C	5"-C
	NYW7-4	36" x 36"	.625"	.875"	6"-C	6"-C	6"-C

<b>SIGN DRAWING SD-W20</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>DEAF CHILD AREA &amp; BLIND CHILD AREA Signs (NYW7-6, NYW7-7)</i></b>		



NYW7-6



NYW7-7

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
	NYW7-6 & NYW7-7	24" x 24"	.375"	.625"	4"-D	4"-D	4"-D
<b>C</b>	NYW7-6 & NYW7-7	30" x 30"	.5"	.75"	5"-D	5"-D	5"-D
	NYW7-6 & NYW7-7	36" x 36"	.625"	.875"	6"-D	6"-D	6"-D

<b>SIGN DRAWING SD-W21</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>LOW FLYING PLANES Sign (NYW7-8)</i></b>		



NYW7-8

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
	NYW7-8	24" x 24"	.375"	.625"	4"-C	4"-C	4"-C
<b>C</b>	NYW7-8	30" x 30"	.5"	.75"	5"-C	5"-C	5"-C
	NYW7-8	36" x 36"	.625"	.875"	6"-C	6"-C	6"-C
	NYW7-8	48" x 48"	.75"	1.25"	8"-C	8"-C	8"-C

<b>SIGN DRAWING SD-W22</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>UNDERPASS Sign</i></b> <b>(NYW7-9)</b>		



NYW7-9

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>
	NYW7-9	24" x 24"	.375"	.625"	4"-C
<b>C</b>	NYW7-9	30" x 30"	.5"	.75"	5"-C
	NYW7-9	36" x 36"	.625"	.875"	6"-C
	NYW7-9	48" x 48"	.75"	1.25"	8"-C

<b>SIGN DRAWING SD-W24</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>SMOKE Sign</i></b> <b>(NYW7-17)</b>		



NYW7-17

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>
<b>C</b>	NYW7-17	30" x 30"	.5"	.75"	6"-D
	NYW7-17	36" x 36"	.625"	.875"	7"-D
	NYW7-17	48" x 48"	.75"	1.25"	10"-D

<b>SIGN DRAWING SD-W25</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>Bus Signs</i></b> <b>(NYW7-18, NYW7-19)</b>		



NYW7-18



NYW7-19

<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
NYW7-18	36" x 36"	.625"	.875"	8"-D		
NYW7-19	48" x 48"	.75"	1.25"	8"-D	8"-D	8"-D

<b>SIGN DRAWING SD-W26</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>BIRD NESTING AREA Sign (NYW7-20)</i></b>		



NYW7-20

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
<b>C</b>	NYW7-20	36" x 36"	.625"	.875"	6"-D	6"-D
	NYW7-20	48" x 48"	.75"	1.25"	8"-D	8"-D

<b>SIGN DRAWING SD-W27</b>	<b>Orange Background</b>	<b>Black Legend</b>
<b><i>BRIDGE CLOSED 500 FT Sign (NYW8-4)</i></b>		



NYW8-4

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NYW8-4	36" x 36"	.625"	.875"	5"-D	5"-D	5"-D
	NYW8-4	48" x 48"	.75"	1.25"	7"-D	7"-D	7"-D

<b>SIGN DRAWING SD-W28</b>	<b>Orange Background</b>	<b>Black Legend</b>
<b>Miscellaneous Temporary Traffic Control Signs (NYW8-30, NYW8-31, NYW8-32, NYW8-33)</b>		



NYW8-30



NYW8-31



NYW8-32



NYW8-33

Sign	Size	Margin	Border	Line 1	Line 2
NYW8-30 thru NYW8-33	48" x 24"	.5"	.75"	6"-E	6"-E

<b>SIGN DRAWING SD-W29</b>	<b>Pink Background</b>	<b>Black Legend</b>
<b><i>Incident Management Signs (NYW8-42, NYW8-47)</i></b>		



NYW8-42



NYW8-47

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
<b>C</b>	NYW8-42	36" x 36"	.625"	.875"	6"-C	6"-C
	NYW8-42	48" x 48"	.75"	1.25"	8"-C	8"-C
<b>C</b>	NYW8-47	36" x 36"	.625"	.875"	5"-C	5"-C
	NYW8-47	48" x 48"	.75"	1.25"	6"-C	6"-C

<b>SIGN DRAWING SD-W30</b>	<b>Orange Background</b>	<b>Black Legend</b>
<b>SANDBLASTING Sign (NYW8-43)</b>		



NYW8-43

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>
<b>C</b>	NYW8-43	30" x 30"	.5"	.75"	4"-C
	NYW8-43	36" x 36"	.625"	.875"	5"-C
	NYW8-43	48" x 48"	.75"	1.25"	6"-C

<b>SIGN DRAWING SD-W33</b>	<b>Orange Background</b>	<b>Black Legend</b>
<b><i>INCREASED ENFORCEMENT AREA Sign (NYW8-46)</i></b>		



NYW8-46

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NYW8-46	48" x 30"	.5"	1"	4"-D	4"-D	4"-D
	NYW8-46	60" x 42"	.75"	1.25"	6"-C	6"-C	6"-C

<b>SIGN DRAWING SD-W34</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b>Safety Zone Sign (NYW9-5)</b>		



NYW9-5

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
	NYW9-5	24" x 24"	.375"	.625"	4"-C	Arrows	4"-C
<b>C</b>	NYW9-5	30" x 30"	.5"	.75"	5"-C	Arrows	5"-C
	NYW9-5	36" x 36"	.625"	.875"	6"-C	Arrows	6"-C

<b>SIGN DRAWING SD-W36</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>Overhead Warning Sign Assembly Sign (NYW9-20)</i></b>		



NYW9-20

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Legend</b>
<b>C</b>	NYW9-20	Variable	.75"	1"	Standard conventional warning signs
	NYW9-20	Variable	1"	1.5"	Standard expressway warning signs
	NYW9-20	Variable	1.25"	2"	Standard freeway warning signs

<b>SIGN DRAWING SD-W37</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b>Special Warning Signs (NYW9-21)</b>		



NYW9-21



NYW9-21

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Text</b>	<b>Numerals</b>	<b>Fractions</b>
	NYW9-21	Variable	.625"	.875"	6"-D	8"-D	6"-D
<b>C</b>	NYW9-21	Variable	.75"	1"	8"-D	10"-D	8"-D
	NYW9-21	Variable	1"	1.5"	10"-D	12"-D	10"-D
	NYW9-21	Variable	1.25"	2"	12"-D	15"-D	12"-D

<b>SIGN DRAWING SD-W38</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>BUS TURN Sign (NYW9-25)</i></b>		



NYW9-25

<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
NYW9-25	24" x 24"	.375"	.625"	5"-D	5"-D

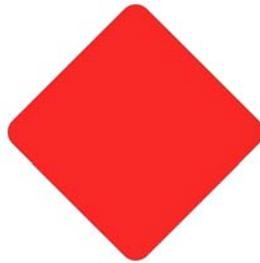
<b>SIGN DRAWING SD-W39</b>	<b>Yellow Background</b>	<b>Black Legend</b>
<b><i>SNOWPLOW TURN Sign</i></b> <b>(NYW9-26)</b>		



NYW9-26

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
	NYW9-26	24" x 24"	.375"	.625"	4"-C	4"-C
<b>C</b>	NYW9-26	30" x 30"	.5"	.75"	5"-C	5"-C
	NYW9-26	36" x 36"	.625"	.875"	6"-C	6"-C
	NYW9-26	48" x 48"	.75"	1.25"	8"-C	8"-C

<b>SIGN DRAWING SD-W40</b>	<b>Varied Background</b>	<b>No Legend</b>
<b><i>Sign Marker</i></b> <b><i>(NYW7-15)</i></b>		



NYW7-15

	<b>Sign</b>	<b>Size</b>
<b>C</b>	NYW7-15	12" x 12"
	NYW7-15	18" x 18"

SIGN DRAWING SD-G4	Blue Background	White Legend
<p><b>Rest Area &amp; Scenic Signs (Sheet 1 of 2)</b>  <b>(NYI7-1, NYI7-2, NYI7-3, NYI7-4, NYI7-5, NYI7-6, NYI7-7, NYI7-8, NYI7-9, NYI7-10, NYI7-11, NYI7-12, NYI7-13)</b></p>		



NYI7-1



NYI7-2



NYI7-3



NYI7-4



NYI7-5



NYI7-6



NYI7-7



NYI7-8



NYI7-9



NYI7-10



NYI7-11



NYI7-12



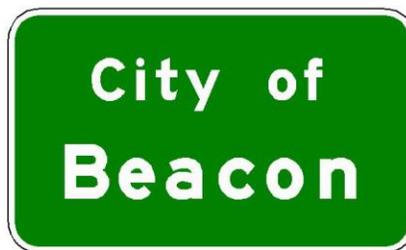
NYI7-13

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
<b>C</b>	NYI7-1	72" x 30"	1"	6"-D	8"-D, 6"-D
	NYI7-1	96" x 42"	1.5"	8"-D	10"-D, 8"-D
	NYI7-1	144" x 60"	2"	12"-D	15"-D, 12"-D
<b>C</b>	NYI7-2	60" x 30"	1"	6"-D	6"-D
	NYI7-2	84" x 42"	1.5"	8"-D	8"-D
	NYI7-2	120" x 60"	2"	12"-D	12"-D
<b>C</b>	NYI7-3	48" x 42"	1"	6"-D	6"-D
	NYI7-3	60" x 54"	1.5"	8"-D	8"-D
	NYI7-3	90" x 78"	2"	12"-D	12"-D
<b>C</b>	NYI7-4	60" x 30"	1"	6"-D	8"-D, 6"-D
	NYI7-4	84" x 42"	1.5"	8"-D	10"-D, 8"-D
	NYI7-4	120" x 60"	2"	12"-D	15"-D, 12"-D
<b>C</b>	NYI7-5	60" x 30"	1"	6"-D	6"-D
	NYI7-5	84" x 42"	1.5"	8"-D	8"-D
	NYI7-5	120" x 60"	2"	12"-D	12"-D
<b>C</b>	NYI7-6	42" x 42"	1"	6"-D	6"-D
	NYI7-6	54" x 54"	1.5"	8"-D	8"-D
	NYI7-6	78" x 78"	2"	12"-D	12"-D
<b>C</b>	NYI7-7	72" x 30"	1"	6"-D	8"-D, 6"-D
	NYI7-7	96" x 42"	1.5"	8"-D	10"-D, 8"-D
	NYI7-7	144" x 60"	2"	12"-D	15"-D, 12"-D
<b>C</b>	NYI7-8	60" x 30"	1"	6"-D	6"-D
	NYI7-8	84" x 42"	1.5"	8"-D	8"-D
	NYI7-8	120" x 60"	2"	12"-D	12"-D
<b>C</b>	NYI7-9	48" x 42"	1"	6"-D	6"-D
	NYI7-9	60" x 54"	1.5"	8"-D	8"-D
	NYI7-9	90" x 78"	2"	12"-D	12"-D
	NYI7-10	96" x 48"	2"	10"-D	10"-D
	NYI7-11	120" x 48"	2"	10"-D	10"-D
	NYI7-12	96" x 48"	2"	10"-D	10"-D
<b>C</b>	NYI7-13	42" x 12"	.5"	4"-D	
	NYI7-13	84" x 24"	.625"	8"-D	

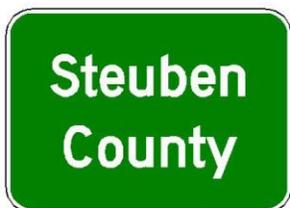
<b>SIGN DRAWING SD-G5</b>	<b>Green Background</b>	<b>White Legend</b>
<b>Political Boundary Signs</b> <b>(NYI12-1, NYI12-2a, NYI12-3a, NYI12-3b)</b>		



NYI12-3a



NYI12-3b



NYI12-2a



NYI12-2a



NYI12-1

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
	NYI12-1	Var. x 12"	.625"	4"-D	
<b>C</b>	NYI12-1	Var. x 18"	.625"	6"-D	
	NYI12-1	Var. x 24"	.875"	8"-D	
	NYI12-2a	Var. x 24"	.625"	4"-D	4"-D
<b>C</b>	NYI12-2a	Var. x 30"	.625"	6"-D	6"-D
	NYI12-2a	Var. x 36"	.875"	8"-D	8"-D
	NYI12-3a	Var. x 36"	1"	8"-E(m)/6"-lc	8"-E(m)/6"-lc
	NYI12-3b	Var. x 36"	1"	6"-E(m)/4.5"-lc	8"-E(m)/6"-lc

<b>SIGN DRAWING SD-G6</b>	<b>Green Background</b>	<b>White Legend</b>
<b><i>Political Boundary Signs</i></b> <b><i>(NY112-4)</i></b>		



NY112-4

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>	<b>Line 4</b>	<b>Line 5</b>
<b>C</b>	NY112-4	138" x 90"	2"	8"-E	8"-E	12"-E	8"-E(m)/6"-lc	5"-D, 5.33"-E(m)/4"-lc
	NY112-4	180" x 120"	2.5"	10"-E	10"-E	15"-E	10.7"-E(m)/8"-lc	8"-D, 8"-E(m)/6"-lc

<b>SIGN DRAWING SD-G8</b>	<b>Green Background</b>	<b>White Legend</b>
<b>Watershed Signs (NY112-7)</b>		



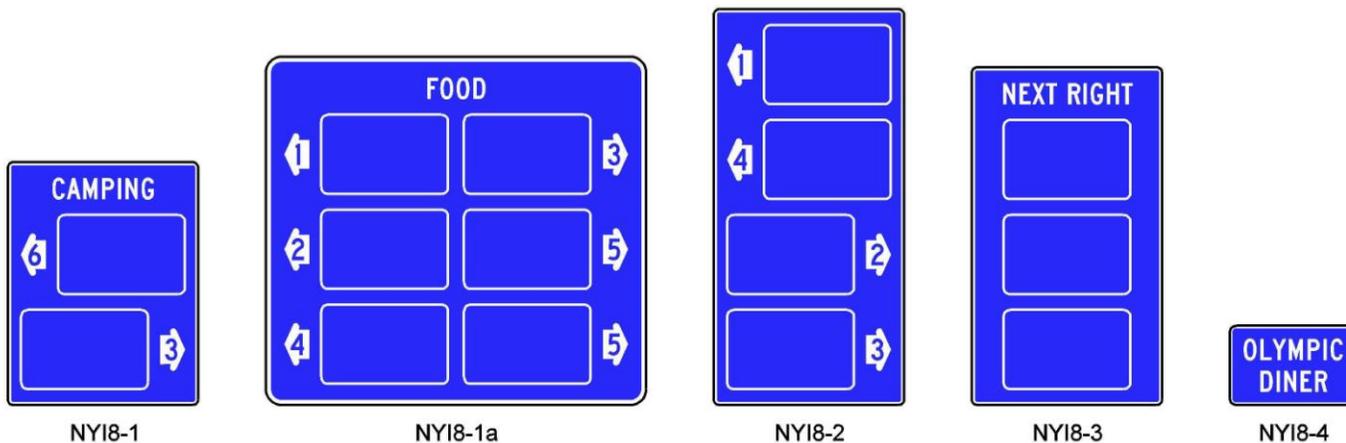
NY112-7



NY112-7

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NY112-7	Var. x 36"	.625"	4"-D	6"-D	6"-D
	NY112-7	Var. x 48"	.875"	5"-D	8"-D	8"-D
	NY112-7	Var. x 48"	1"	6"-D	8"-E(m)/6"-Ic	8"-E(m)/6"-Ic

<b>SIGN DRAWING SD-G9</b>	Blue Background	White Legend
<b><i>Tourist-Oriented Directional Signs</i></b> <b><i>(NY18-1, NY18-1a, NY18-2, NY18-3, NY18-4)</i></b>		

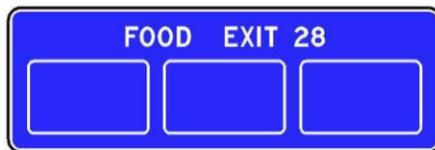


	Sign	Size	Border	Line 1	Line 2	Line 3	In Arrows
<b>C</b>	NY18-1	36" x Var.	.625"	4"-C			4"-C
<b>C</b>	NY18-1a	72" x 66"	1"	4"-C			4"-C
<b>C</b>	NY18-2	36" x Var.	.625"				4"-C
	NY18-2	54" x Var.	.75"				6"-C
<b>C</b>	NY18-3	36" x Var.	.625"	4"-C			
	NY18-3	54" x Var.	.75"	6"-C			
<b>C</b>	NY18-4	24" x 15"	.5"	4" min.	4" min.		
	NY18-4	36" x 24"	.625"	6" min.	6" min.		

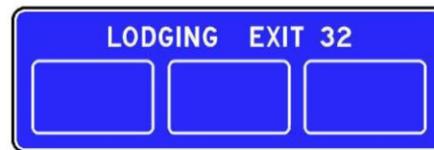
<b>SIGN DRAWING SD-G10</b>	Blue Background	White Legend
<p><b>Specific Service Signs (Sheet 1 of 2)</b>  <b>(NY19-1, NY19-2, NY19-3, NY19-4, NY19-5, NY19-6, NY19-7, NY19-8, NY19-9, NY19-10, NY19-11)</b></p>		



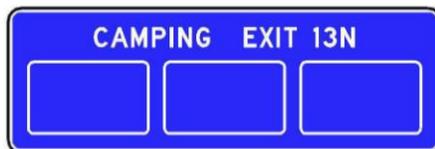
NY19-1



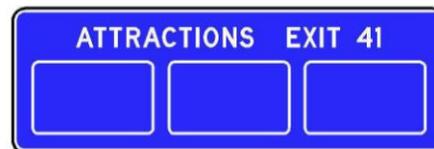
NY19-2



NY19-3



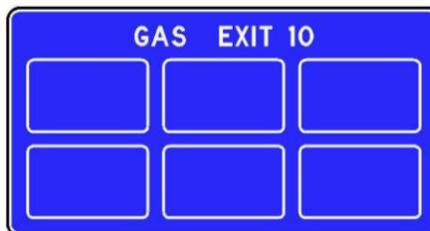
NY19-4



NY19-5



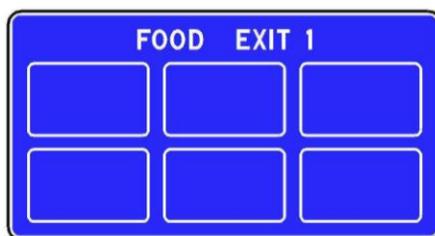
NY19-11



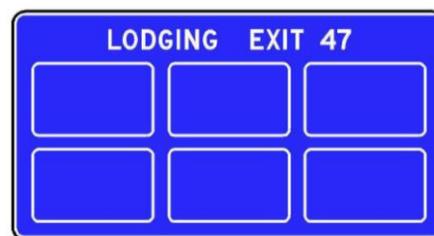
NY19-6



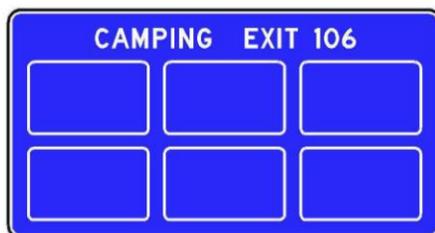
NY19-11



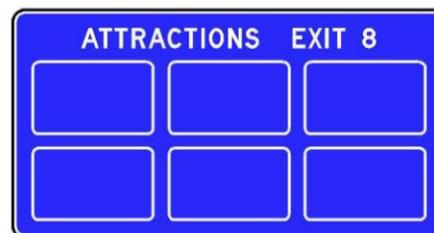
NY19-7



NY19-8



NY19-9



NY19-10

<b>SIGN DRAWING SD-G10</b>	<b>Blue Background</b>	<b>White Legend</b>
<p><b><i>Specific Service Signs (Sheet 2 of 2)</i></b>  <b><i>(NYI9-1, NYI9-2, NYI9-3, NYI9-4, NYI9-5, NYI9-6, NYI9-7, NYI9-8, NYI9-9, NYI9-10, NYI9-11)</i></b></p>		

<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
NYI9-1 thru NYI9-5	216" x 72"	2"	10"-D	Business Panels	
NYI9-6 thru NYI9-10	216" x 114"	2"	10"-D	Business Panels	Business Panels
NYI9-11	60" x 36"	.75"	8"-D	8"-D	

<b>SIGN DRAWING SD-G11</b>	White Background	Black Legend
<p><b><i>New York State Route Signs</i></b>  <b><i>(NYM3-1, NYM3-2, NYM3-3, NYM4-2)</i></b></p>		



NYM3-1



NYM3-2



NYM3-3



NYM4-2

	Sign	Number of Characters	Size	Border	Margin	Numbers	Letters
<b>C</b>	NYM3-1	1 or 2	24" x 24"	Varies		12"-D	10"-D
	NYM3-1	1 or 2	36" x 36"	Varies		18"-D	15"-D
	NYM3-1	1 or 2	48" x 48"	Varies		24"-D	20"-D
<b>C</b>	NYM3-2	3	30" x 24"	Varies		10"-D	8"-D
	NYM3-2	3	45" x 36"	Varies		15"-D	12"-D
	NYM3-2	3	60" x 48"	Varies		20"-D	16"-D
<b>C</b>	NYM3-3	4	30" x 24"	Varies		10"-C	8"-C
	NYM3-3	4	45" x 36"	Varies		15"-C	12"-C
	NYM3-3	4	60" x 48"	Varies		20"-C	16"-C
<b>C</b>	NYM4-2	3	30" x 24"	.375"	.375"	8"-D	2"-D
	NYM4-2	3	45" x 36"	.5"	.5"	12"-D	3"-D
	NYM4-2	3	60" x 48"	.75"	.75"	16"-D	4"-D

<b>SIGN DRAWING SD-G12</b>	<b>Varied Background</b>	<b>Varied Legend</b>
<b>Highway Facility Signs (NYM5-1)</b>		



NYM5-1



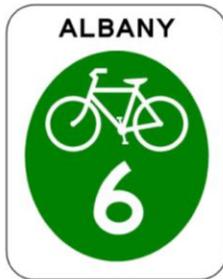
NYM5-1



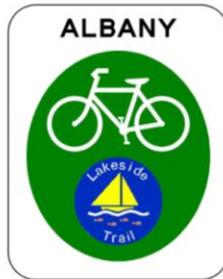
NYM5-1

	<b>Sign</b>	<b>Size</b>	<b>Margin</b>	<b>Border</b>
<b>C</b>	NYM5-1	24" high	Varies	Varies
	NYM5-1	36" high	Varies	Varies
	NYM5-1	48" high	Varies	Varies

<b>SIGN DRAWING SD-G13</b>	<b>Green Background</b>	<b>White Legend</b>
<b><i>Bicycle Route Signs</i></b> <b>(NYM6-2, NYM6-3)</b>		



NYM6-2



NYM6-2



NYM6-3

Sign	Size	Border	Line 1	Line 2	Line 3	Line 4
NYM6-2	12" x 15"	Varies	1"-E	Symbol	4"-D or Symbol	
NYM6-3	18" x 18"	Varies	1"-E	Symbol	4"-D or Symbol	1"-E

<b>SIGN DRAWING SD-G14</b>	<b>Green Background</b>	<b>White Legend</b>
<b><i>Snowmobile &amp; All Terrain Vehicle Route Signs</i></b> <b><i>(NYM7-1, NYM17-1, NYM17-2)</i></b>		



NYM7-1



NYM17-1



NYM17-2

<b>Sign</b>	<b>Size</b>	<b>Border</b>
NYM7-1, NYM17-1 & NYM17-2	24" x 18"	.5"

SIGN DRAWING SD-G15	Varied Background	White Legend
<p align="center"><b>General Information Symbol Signs (Sheet 1 of 2)</b> <b>(NYM8-5, NYM8-9, NYM8-10, NYM8-12, NYM8-13, NYM8-14, NYM8-15, NYM8-16, NYM8-27, NYM14-28)</b></p>		



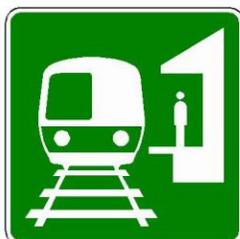
NYM8-5



NYM8-9



NYM8-10



NYM8-12



NYM8-13



NYM8-14



NYM8-15



NYM8-16



NYM8-27



NYM8-28

<b>SIGN DRAWING SD-G15</b>	<b>Varied Background</b>	<b>White Legend</b>
<b>General Information Symbol Signs (Sheet 2 of 2)</b> <b>(NYM8-5, NYM8-9, NYM8-10, NYM8-12, NYM8-13, NYM8-14, NYM8-15, NYM8-16, NYM8-27, NYM8-28)</b>		

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NYM8-5	24" x 24"	.5"	Symbol		
	NYM8-5	30" x 30"	.75"	Symbol		
	NYM8-5	36" x 36"	.75"	Symbol		
<b>C</b>	NYM8-9	24" x 24"	.5"	Symbol	3"-C	
	NYM8-9	30" x 30"	.75"	Symbol	4"-C	
	NYM8-9	36" x 36"	.75"	Symbol	5"-C	
<b>C</b>	NYM8-10	24" x 24"	.5"	Symbol	3"-F	
	NYM8-10	30" x 30"	.75"	Symbol	4"-F	
	NYM8-10	36" x 36"	.75"	Symbol	5"-F	
<b>C</b>	NYM8-12 thru NYM8-16	24" x 24"	.5"	Symbol		
	NYM8-12 thru NYM8-16	30" x 30"	.75"	Symbol		
	NYM8-12 thru NYM8-16	36" x 36"	.75"	Symbol		
<b>C</b>	NYM8-27	24" x 24"	.5"	Symbol	3"-D	3"-D
	NYM8-27	30" x 30"	.75"	Symbol	4"-D	4"-D
	NYM8-27	36" x 36"	.75"	Symbol	5"-D	5"-D
<b>C</b>	NYM8-28	24" x 24"	.5"	Symbol		
	NYM8-28	30" x 30"	.75"	Symbol		
	NYM8-28	36" x 36"	.75"	Symbol		

<b>SIGN DRAWING SD-G16</b>	<b>Brown Background</b>	<b>White Legend</b>
<b>Historic Site Signs</b> <b>(NYM9-1, NYM9-2, NYM9-3, NYM9-4)</b>		



NYM9-1



NYM9-2



NYM9-3



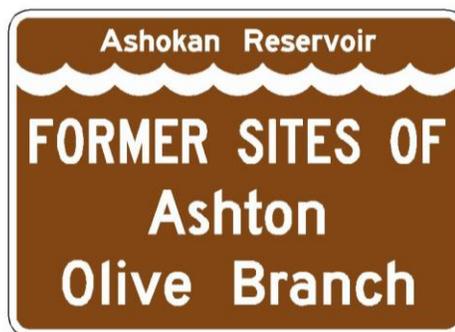
NYM9-4

	Sign	Size	Border	Line 1	Line 2	Line 3
<b>C</b>	NYM9-1	30" x 24"	Varies	4"-D	2"-F	
	NYM9-1	45" x 36"	Varies	6"-D	3"-F	
<b>C</b>	NYM9-2	30" x 24"	Varies	4"-D	4"-D	2"-F
	NYM9-2	45" x 36"	Varies	6"-D	6"-D	3"-F
<b>C</b>	NYM9-3	30" x 24"	Varies	4"-D	2"-D	
	NYM9-3	45" x 36"	Varies	6"-D	3"-D	
<b>C</b>	NYM9-4	30" x 24"	Varies	4"-D	4"-D	2"-D
	NYM9-4	45" x 36"	Varies	6"-D	6"-D	3"-D

<b>SIGN DRAWING SD-G17</b>	<b>Brown Background</b>	<b>White or Yellow Legend</b>
<b>Catskill Former Site Signs (NYM9-5, NYM9-6)</b>		



NYM9-5



NYM9-6

Sign	Size	Border	Line 1	Line 2	Line 3	Line 4	Line 5
NYM9-5	42" x 24"	.75"	2"-E	2" Symbol	3"-D	4"-D	
NYM9-6	42" x 30"	.75"	2"-E	2" Symbol	3"-D	4"-D	4"-D

<b>SIGN DRAWING SD-G18</b>	<b>Blue Background</b>	<b>White Legend</b>
<b>General Service Symbol Signs</b> <b>(NYM11-2, NYM11-5, NYM11-6, NYM12-2)</b>		



NYM11-2



NYM11-5



NYM11-6



NYM12-2

	Sign	Size	Border	Line 1	Line 2
<b>C</b>	NYM11-2	24" x 24"	.5"	4"-D	
	NYM11-2	30" x 30"	.75"	5"-D	
	NYM11-2	36" x 36"	.75"	6"-D	
<b>C</b>	NYM11-5	24" x 24"	.5"	4"-D	4"-D
	NYM11-5	30" x 30"	.75"	5"-D	5"-D
	NYM11-5	36" x 36"	.75"	6"-D	6"-D
	NYM11-6	18" x 12"	.5"	Symbol	4"-E
<b>C</b>	NYM12-2	24" x 24"	.5"	Symbol	
	NYM12-2	30" x 30"	.75"	Symbol	
	NYM12-2	36" x 36"	.75"	Symbol	

<b>SIGN DRAWING SD-G21</b>	<b>Varied Background</b>	<b>Varied Legend</b>
<b>Name Auxiliary Signs (NYM14-26, NYM14-27)</b>		



**NYM14-26**



**NYM14-27**

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>
<b>C</b>	NYM14-26	24" x 12"	.5"	4"-D	
	NYM14-26	30" x 15"	.625"	5"-D	
	NYM14-26	36" x 18"	.75"	6"-D	
<b>C</b>	NYM14-27	24" x 15"	.5"	4"-D	4"-D
	NYM14-27	30" x 21"	.625"	5"-D	5"-D
	NYM14-27	36" x 24"	.75"	6"-D	6"-D

<b>SIGN DRAWING SD-G23</b>	<b>Varied Background</b>	<b>Varied Legend</b>
<b><i>Auto Tour Route Signs</i></b> <b><i>(NYM18-1, NYM18-2, NYM18-3)</i></b>		



**NYM18-1**



**NYM18-2**



**NYM18-3**

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NYM18-1 thru NYM18-3	24" x 24"	.5"	Symbol	2"-E	2"-E
	NYM18-1 thru NYM18-3	30" x 30"	.75"	Symbol	2.5"-E	2.5"-E
	NYM18-1 thru NYM18-3	36" x 36"	.75"	Symbol	3"-E	3"-E

<b>SIGN DRAWING SD-G24</b>	<b>Varied Background</b>	<b>Varied Legend</b>
<b><i>Hudson River Estuary Signs</i></b> <b>(NYM19-1, NYM19-2)</b>		



**NYM19-1**



**NYM19-2**

<b>Sign</b>	<b>Size</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
NYM19-1	36" x 18"	Symbol	2" Arial	
NYM19-2	36" x 18"	2" Arial	Symbol	2" Arial

<b>SIGN DRAWING SD-G25</b>	<b>Brown Background</b>	<b>White Legend</b>
<b>Heritage Signs</b> <b>(NYM20-1, NYI12-8)</b>		



**NYM20-1**



**NYI12-8**

	<b>Sign</b>	<b>Size</b>	<b>Border</b>	<b>Line 1</b>	<b>Line 2</b>	<b>Line 3</b>
<b>C</b>	NYM20-1	24" x 24"	.5"	Symbol	2"-E	
	NYM20-1	30" x 30"	.75"	Symbol	2.5"-E	
	NYM20-1	36" x 36"	.75"	Symbol	3"-E	
<b>C</b>	NYI12-8	96" x 24"	1"	3"-D	4"-E(m)/3"lc	4"-E(m)/3"lc
	NYI12-8	192" x 48"	2"	6"-D	8"-E(m)/6"-lc	8"-E(m)/6"-lc

# **APPENDIX 2**

# **AUTHORIZATIONS**