

All Town Sign Replacement Program - 2011

Technical Reference Overview

One of the main goals for the All Town Sign Replacement Program is to ensure that replacement signs are properly installed. They must be installed at the correct lateral and longitudinal location, set at the correct height and proper orientation.

The installation requirements are found in the Manual on Uniform Traffic Control Devices (MUTCD) published by the Federal Highway Administration. Another reference is the Traffic and Safety Manual (T&S Manual) published by the Iowa Department of Transportation.

MUTCD:

The following sections are highlights from the 2009 MUTCD. Contact the Program Coordinator if you have any questions.

Link:

http://mutcd.fhwa.dot.gov/pdfs/2009/pdf_index.htm

For all eligible signs:

- Section 2A.16 Standardization of Location
- Section 2A.18 Mounting Height
- Section 2A.19 Lateral Offset
- Section 2A.20 Orientation
- Section 2A.21 Posts and Mountings
- Section 2A.22 Maintenance

For STOP, YIELD and DO NOT ENTER signs:

- Section 2B.03 Size of Regulatory Signs
- Section 2B.05 STOP Sign (R1-1) and ALL WAY Plaques (R1-3P)
- Section 2B.06 STOP Sign Application
- Section 2B.08 YIELD Sign (R1-2)
- Section 2B.09 YIELD Sign Applications
- Section 2B.10 STOP Sign or YIELD Sign Placement
- Section 2B.37 DO NOT ENTER Sign (R5-1)

For One-Direction Large Arrow, Two-Direction Large Arrow and STOP AHEAD (Advance Traffic Control):

- Section 2C.04 Size of Warning Signs
- Section 2C.05 Placement of Warning Signs
- Section 2C.06 Horizontal Alignment Warning Signs
- Section 2C.07 Horizontal Alignment Signs (W1-1 through W1-5, W1-11, W1-15)
- Section 2C.12 One-Direction Large Arrow Sign (W1-6)
- Section 2C.47 Two-Direction Large Arrow Sign (W1-7)
- Section 2C.36 Advance Traffic Control Signs (W3-1, W3-2, W3-3, W3-4)

All Town Sign Replacement Program - 2011

Technical Reference Overview (cont'd)

Traffic and Safety Manual:

The following sections are highlights from the Traffic and Safety Manual. Contact the Program Coordinator if you have any questions.

Link:

<http://www.iowadot.gov/traffic/manuals/tsmanual.aspx>

For all eligible signs:

- Section 2A-1 Purpose of Signing
- Section 2A-3 Types of Signs
- Section 2A-6 Installation Guidelines
- Section 2A-7 Mounting Requirements
- Section 2A-8 Sign Placement
- Section 2A-9 Miscellaneous Requirements

For STOP, YIELD and DO NOT ENTER signs:

- Section 2B-1 General
- Section 2B-2 Stop and Yield Signs
- Section 2B-4 Alignment and Movement Signs

For One-Direction Large Arrow, Two-Direction Large Arrow and STOP AHEAD (Advance Traffic Control):

- Section 2C-1 Roadway Related Signs
- Section 2C-2 Traffic Related Signs