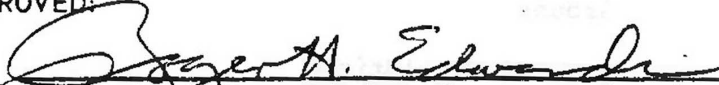


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TO: SUPERSEDED BY EB 98-045 EFFECTIVE 12/1/98	ENGINEERING INSTRUCTION NEW YORK STATE DEPARTMENT OF TRANSPORTATION	
	SUBJECT: SIGN DATA SHEET Subject Code: 7.27-1-645	
Distribution:	<input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input checked="" type="checkbox"/> Special	Code: <u> EI 83-29 </u> Date: <u> 7/12/83 </u> Supersedes: <u> EI 80-12 </u>
APPROVED:  R. H. EDWARDS, Deputy Chief Engineer, Facilities Design Div.		

This Engineering Instruction supersedes Engineering Instruction 80-12, allows a revision to the present SIGN DATA SHEET, and establishes a policy regarding the use of the new computer program which generates contract size SIGN DATA SHEETS. This program, titled, "Computer Aided Design of Highway Signs", consists of five programs which are extensions of the existing sign programs. An instructional manual on the complete system was distributed by memorandum to Regional Design Engineers on March 2, 1983. A sample of the new SIGN DATA SHEET is contained in that manual. This system may be used immediately.

The designer may also continue to prepare the SIGN DATA SHEET by hand on existing forms. If the present form is used, the color and letter columns may be left blank if the following notes are added to the sign data sheet:

- "Note 1. The following shall be in accordance with the NYS MUTCD requirements for the specified MUTCD sign code:
- A. Letter size and series
 - B. Legend and background color
 - C. Reflectivity
 - D. Size of Sign



Note 2. The type of characters as specified in the standard specifications shall be as follows:

MUTCD CODE LETTER	TYPE OF CHARACTER
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Types I, II or III for 10" Caps; 13 1/3" UC/10" L.C. and larger. Types I, II, III or IV for smaller sizes. Where several sizes are specified on a single sign, the character type shall be as required for the largest size character.

Types IV or V"

PREL.	FINAL	G, I
DESIGN	LANDSCAPE	
RECEIVED FACILITIES DESIGN DIVISION JUL 19 1983		R, P, W, M
DIRC.	FILE	

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The following instructions give the information that should be contained in either the hand prepared or computer generated SIGN DATA SHEET. Specific instructions for preparation of the computer generated SIGN DATA SHEET are contained in the "Users Manual for Computer Aided Design of Highway Signs".


1. Show SIGN DATA SHEET information in order by grouping signs into their MUTCD code letter groups:

Code Letter	Groups
R	General Regulations
P	Parking Regulations
W	Warning
M	Route and Destination Markers
G	Guide
I	Information

2. ITEM NO. COLUMN:

Enter the sign item number. The separate slip impact base and hinge assembly, and overhead sign structure item number should be given in the TYPE OF MOUNT column.

3. LOCATION NO. COLUMN:

Enter the location numbers from the SIGN LOCATION PLAN. The symbol  on the plans keys the entries to the SIGN DATA SHEET and works most efficiently when the following practice is followed: Sequential numbering, from west to east and/or south to north, and progressing along the contract limits of the plans, should be shown in the sign location plans (not sequential on the SIGN DATA SHEET). If a new sign is added between two sign locations after the location plans are completed, refer to the new location by adding a letter suffix to the location number. For example, a new location between location 12 and 13; number it 12A.

4. TEXT NO. COLUMN:

Enter the text number. The text number should be sequential. If new texts are added later, they should be entered sequentially at the end of the SIGN DATA SHEET entries.

5. TEXT COLUMN:

Show a schematic representation of the required sign assembly and text with all of its elements in the proper position. It is not necessary that this be to scale and an exact duplicate of the MUTCD example. The complete dimensional layout for MUTCD Code G and I signs and signs not shown in the MUTCD should be shown on the sign face layout sheets. These sheets are not normally included in the contract plans, but are made available in the Regional Office for bidders to review.

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6. MUTCD NO. COLUMN:

Enter the MUTCD number for each sign panel in the sign assembly, arranged according to the schematic representation in the TEXT Column. For signs not covered by the MUTCD all required information should be provided.

7. SIZE OF SIGN S.F. COLUMN:

Enter the outside dimensions and sign area for MUTCD Code G & I signs to the nearest 0.1 sq. ft. For other signs, enter only the area to the nearest 0.1 sq. ft.

8. TYPE OF MOUNT COLUMN:

Enter the type of mount according to the symbols in the legend. Also indicate the appropriate item number for the slip impact base and hinge assembly, and overhead sign structure. When the contract contains overhead sign structures, cross-reference the overhead sign structure plan sheet.

This instruction takes effect with the letting of December 15, 1983.