

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	C.O.W. No. 472-B4843A	2009	30	37

DETAILED SPECIFICATIONS FOR FLAT SHEET SIGNS

All new flat sheet sign blanks shall be of the aluminum alloy and thickness shown on the flat sheet blank detail sheets.

Flat sheet blanks shall be used for signs that are less than or equal to 7'-0" in length and/or less than or equal to 4'-0" in height. Flat sheet blanks shall also be used for signs that are 4'-0" in length and less than or equal to 8'-0" in height.

The design details for signs (color, letter height, and letter series) shall be as shown in the 'Standard Highway Signs' manual (1979 Edition), unless other details are shown in the plans.

The type of adhesive used for retroreflective sheeting shall be heat activated or pressure sensitive.

All sign faces with blue, green, red, yellow, fluorescent yellow green, brown, or white background shall be covered with Type III high performance retroreflective sheeting.

The following sign faces shall be reversed screen processed: R1-1, R1-3, R1-4, R5-1, R5-1a, D10-4, D10-5, D10-6, and M1-1.

The following sign faces, when used with the M1-1 sign, shall be reverse screen processed: M2-1, M3-1, M3-2, M3-3, M3-4, M4-5, M4-6, M4-7, M5-1, M5-2, M6-1, M6-2, M6-3, M6-4, M6-5, M6-6, and M6-7.

The Type I Object Marker sign face shall be direct screen process.

DETAILED SPECIFICATIONS FOR STRUCTURAL EXTRUDED PANEL SIGNS

All new reinforced sign panels shall be of the fabrication, aluminum alloy, and thickness shown on the reinforced panel detail sheets. If extrusheet fabricated sign panels are used, they shall be of the length, width and in the position shown. If extrusheet fabricated panel dimensions are not shown, a line of legend should be placed entirely on one panel. If extruded fabricated sign panels are used, either 1'-0" or 6" panels shall be used. The 1'-0" panels shall be used only at the top or bottom of signs.

Reinforced panels shall be used for signs that are greater than 7'-0" in length or greater than 4'-0" in height.

All sign faces shall be covered with Type III high performance retroreflective sheeting.

The retroreflective sheeting used for the direct applied legend, and direct applied borders shall be Type III high performance retroreflective sheeting.

Letters and numbers on reinforced panel signs are modified series "E" unless otherwise shown.

Spacing table dimensions are in inches.

The type of adhesive to be used for retroreflective sheeting or lettering film shall be heat activated or pressure sensitive.

Plotted By : gdr
 Plot File : I:\2009\09213\Standards\09213-Standards-TE590.dgn
 Plot Date : 9/16/2009

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION
 DETAILED SPECIFICATIONS
 FOR REINFORCED SIGN PANELS
 AND FLAT SHEET SIGNS

TE590 07-01-03

FHWA APPROVAL	07-22-2003	APP'D	Steven A. Buckley
DESIGNED	DDG	DETAILED	K9XX
DESIGN CK.	SAB	DETAIL CK.	DDG
		QUANTITIES	TRACED
		QUAN. CK.	TRACE CK.