

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	52 U-1785-01	2003	77	143

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 2100mm in length and/or less than or equal to 1200mm in height. Flat sheet blanks shall also be used for signs that are 1200mm in length and less than or equal to 2400mm 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 300mm or 150mm panels shall be used. The 150mm panels shall be used only at the top or bottom of signs.

Reinforced panels shall be used for signs that are greater than 2100mm in length or greater than 1200mm in height.

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

The retroreflective sheeting used for the removable legend, 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 millimeters.

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

DATE	9-01
DATE	11-01
BY	M Adams
BY	R Stegman
REFERENCES NOTED	
REFERENCES CHECKED	

Plotted : 4/16/2004
 Drawn By : whudson
 Section : \$\$\$YDOTGRP\$\$\$\$
 File : F:\0154\01541 fe590s1.dgn

3				
2				
1				
NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION DETAILED SPECIFICATIONS FOR REINFORCED SIGN PANELS AND FLAT SHEET SIGNS				
TE590s1		07-01-03		
FHWA APPROVAL 07-22-2003		APP'D Steven A. Buckley		
DESIGNED DDG	DETAILED KS	QUANTITIES	TRACED	
DESIGN CK. SAB	DETAL CK. DDG	QUAN. CK.	TRACE CK.	