

Chapter 2: Signs and Policy by MUTCD Section

2A.08 Retroreflectivity and Illumination

Road name, route shield, and mileage signs mounted on overhead roadway structures should not be illuminated.

2A.13 Symbols

Except as listed below, standard symbol signs should be used in lieu of word message signs.

EXCEPTIONS: The symbol alternatives for the following signs shall not be used on the State Highway System.

“NARROW BRIDGE”
“PAVEMENT ENDS”

The word message legend shall be used on these signs.

2A.15 Sign Borders

Sign borders for regulatory and warning signs should be as follows:

<u>Board Dimensions</u>	<u>Border</u>	<u>Margin</u>	<u>Corner Radius</u>
Either or both less than 30 inches	$\frac{5}{8}$ "	$\frac{3}{8}$ "	$1 \frac{1}{2}$ "
Both 30 inches	$\frac{3}{4}$ "	$\frac{1}{2}$ "	$1 \frac{7}{8}$ "
Both more than 30 inches and either less than 48 inches	$\frac{7}{8}$ "	$\frac{5}{8}$ "	$2 \frac{1}{4}$ "
Both 48 inches or larger	$1 \frac{1}{4}$ "	$\frac{3}{4}$ "	3"

For sign borders on guide signs, see Section 2E.15.

2A.17 Overhead Sign Installations

Signs mounted on an overcrossing structure should be restricted to 7 feet in overall height.

2A.18 Mounting Height

Overhead sign structures should provide a vertical clearance of not less than 18 feet over the entire width of pavement and shoulders.

The distance from the groundline to the bottom of a single sign should be a minimum of 7 feet. If more than one sign is mounted on a single post, the bottom of the sign assembly should be a minimum of 6 feet above ground line. This vertical distance is required for signs to clear an impacting vehicle upon collision. Signs may be mounted higher to obtain vertical height requirements for pavement clearance.

The 7-foot minimum height requirement may be waived for parking-related signs where little or no interference with pedestrians exists.

2A.19 Lateral Clearance

When practical and not restricted by right of way, the following minimum lateral clearances should be maintained to the nearest edge of the sign (except as noted *).

	<u>Face of Guardrail</u>	<u>Edge of Paved Shoulder</u>
On Freeways & Expressways		
Major Guide Signs	6 feet	30 feet *
Control / Route Signs	6 feet	12 feet
On Conventional Roads		
Major Guide Signs	6 feet	20 feet *
Control / Route Signs	6 feet	12 feet
Stop Signs	6 feet	6 feet
	*from fog line to the center of the nearest support	

2A.21 Posts and Mounting

Ground mounted signs not protected by guardrail or barrier should be installed on breakaway posts. Any sign support that could be struck by a vehicle should be of the breakaway type. Nominal 4" x 4" wood posts are considered to be breakaway. If larger wood posts are used, they shall have holes drilled through the post at 4" and 18" above the ground line at right angles to the movement of traffic. Two wood posts may be used as a breakaway support if the distance between the posts is at least 7 feet. Design guidelines for wood posts as permanent or temporary supports are available from Traffic Engineering and Operations Section.

Supplementary panels may be attached to signs mounted on metal breakaway posts if the 7 feet of vertical clearance is maintained. Supplementary panels may be mounted on multi-post breakaway supports above the hinge point.