
- $C^{\ \ \star}$ (A) For signs less than 30' from edge of pavement, the bottom edge of Sign shall be set level at an elevation of at least 7' above grade Elevation at edge of pavement.
 - (B) For signs 30' and greater from edge of pavement, the bottom edge of sign shall be set level at an elevation of at least 5' above grade elevation at edge of pavement.
 - (C) For signs on rising embankment slopes, the bottom edge of the sign shall be set so as to obtain at least 7' between the top of the stub post and the slot at the fuse plate on the far post. This may be reduced to 5' when the distance from the edge of pavement is 30' or greater and the slope is 1:2 or steeper or where it would be unlikely for an out of control vehicle to reach the post.
- D ** All signs will be placed 35' or more off of main line wherever possible, except when placed behind guardrail. Signs on ramps will be placed 18' or more off the edge of pavement.

In general, the location of shoulder mounted signs may vary in order to take advantage of flatter cross sections which can result in considerable cost savings.

	D
С	C = 5' min for D ≥ 30' C = 7' min for D < 30'

L₁ is always the post nearest to the edge of pavement. (See Sign Structures Manual)

7' min. between top of stud post & fuse plate. May be reduced to 5' when D = 30' & the slope is 1:2 or steeper or where it would be unlikely for an out of control vehicle to reach the post.

All post sizes and support lengths shown on plans shall be verified in field prior to construction.

All post sizes will be verified by the I.D.O.T. Shoulder Mounted Sign Post Stress Analysis (See Special Provisions).

USER NAME = thomas.cox	DESIGNED -	REVISED _		SIGNING	SCH
	DRAWN -	REVISED _	STATE OF ILLINOIS	SIGNING	501
	CHECKED -	REVISED _	DEPARTMENT OF TRANSPORTATION		
PLOT DATE = 11/11/2024	DATE -	REVISED _		SCALE:NOT TO SCALE SHEET 000 OF S	SHEETS



All slope ratios are expressed as units of vertical displacement to units of horizonal displacement (V:H).

All dimensions are in inches unless otherwise noted.

HEDULE		SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
							0
	DIS	DISTRICT 4 DETAIL NO. 720001 CONTRACT NO.					
TS STA. TO STA.			ILLINOIS	FED. AIL	D PROJECT		