



MINIMUM MOUNTING HEIGHT (h) (SEE NOTE 1)				
SIGN TYPES	LIMITED ACCESS HIGHWAY		NON-LIMITED ACCESS HIGHWAYS	
	SIGNS LOCATED LESS THAN 30' FROM THE EDGE OF TRAVEL LANE	SIGNS LOCATED 30' OR MORE FROM THE EDGE OF TRAVEL LANE	RURAL AREAS	URBAN AREAS
DIRECTIONAL SIGNS	7'	5'	5'	7'
ROUTE MARKERS, WARNING AND REGULATORY SIGNS	6'	5'	5'	7'
SECONDARY SIGNS (SEE NOTE 2)	5' (SEE NOTE 3)	5' (SEE NOTE 3)	4'	6'

1. MOUNTING HEIGHT MAY NEED TO BE GREATER THAN INDICATED IN CHART TO PROVIDE THE MINIMUM HEIGHT TO THE TOP OF THE SIGN FOR SINGLE POST INSTALLATIONS AND THE MINIMUM HEIGHT TO THE BOTTOM OF THE SIGN FOR MULTI-POST INSTALLATIONS.
2. A SECONDARY SIGN IS CONSIDERED TO BE A SIGN MOUNTED BELOW ANOTHER SIGN, EXCEPT A ROUTE MARKING ASSEMBLY CONSISTING OF A ROUTE MARKER WITH AN AUXILIARY PLATE IS CONSIDERED TO BE A SINGLE SIGN.
3. MOUNTING HEIGHT (h) OF THE MAJOR SIGN ABOVE THE SECONDARY SIGN SHALL BE 8' MINIMUM.
4. W = (0.60) X (SIGN PANEL WIDTH)
5. STRUCTURAL DESIGN SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION 2001 WITH A WIND LOAD OF 120 MPH.
6. SQUARE TUBE SIGN POST LARGER THAN 2 INCHES SHALL HAVE AN FHWA APPROVED BREAKWAY SUPPORT SYSTEM CONFORMING TO AASHTO'S STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
7. SIGN PANEL SHALL BE IN ACCORDANCE WITH SPD-5.

SIZE OF POST	CENTROID	MAXIMUM AREA (TOTAL OF SIGN PANELS) (FT <sup>2</sup> )		
		SINGLE-POST	TWO-POST	THREE-POST
2 INCH 12 GA.	8	7.29	14.58	21.87
	10	6.86	13.72	20.58
	12	6.48	12.96	19.44
2 3/16 INCH 10 GA.	8	10.23	20.46	30.69
	10	8.19	16.38	24.57
	12	6.82	13.64	20.46
2 1/2 INCH 10 GA.	8	13.69	27.38	41.07
	10	10.95	21.90	32.85
	12	9.12	18.24	27.36
2 3/16 INCH & 2 1/2 INCH 10 GA.	8	23.92	47.84	71.76
	10	19.14	38.28	57.42
	12	15.95	31.90	47.85

\* THE INNER POST SHALL BE NO LESS THAN 6 FEET IN LENGTH.  
CENTROID SHALL BE DETERMINED IN ACCORDANCE WITH PCS-1.

SPECIFICATION REFERENCE
700

## SQUARE TUBE SIGN POST

VIRGINIA DEPARTMENT OF TRANSPORTATION

<b>VDOT</b>	
ROAD AND BRIDGE STANDARDS	
REVISION DATE	SHEET 1 OF 3
1321.10	