

TABLE 1 - FOUNDATION AND MAXIMUM SIGN SIZES FOR HAMPTON ROADS DISTRICT

1 POST								
MAX CENTROID (FT)	SIGN AREA							
	20 SF	25 SF	30 SF	35 SF	40 SF	45 SF	50 SF	55 SF
10			2'-0"x7'-6"	2'-0"x8'-0"				2'-6"x9'-6"
11	2'-0"x7'-0"	2'-0"x7'-6"	2'-0"x8'-0"	2'-6"x8'-6"	2'-6"x9'-0"	2'-6"x9'-0"	2'-6"x9'-6"	
12								
13						2'-6"x9'-6"		
14		2'-0"x8'-0"	2'-6"x8'-6"	2'-6"x8'-6"	2'-6"x9'-6"			
15								
16	2'-0"x7'-6"		2'-6"x8'-6"					
17		2'-0"x8'-6"						SEE 2 POST TABLE
18								

2 POST								
MAX CENTROID (FT)	SIGN AREA							
	35 SF	40 SF	45 SF	50 SF	55 SF	60 SF	65 SF	70 SF
10						2'-0"x7'-6"	2'-0"x8'-0"	2'-0"x8'-0"
11	SEE 1 POST TABLE				2'-0"x8'-0"	2'-0"x8'-0"	2'-0"x8'-6"	2'-6"x8'-0"
12								
13								
14							2'-6"x8'-0"	2'-6"x8'-6"
15			2'-0"x8'-0"	2'-0"x8'-0"	2'-6"x8'-0"			
16								
17	2'-0"x7'-6"	2'-0"x7'-6"	2'-0"x8'-6"	2'-0"x8'-6"	2'-6"x8'-6"	SEE 3 POST TABLE		
18								

3 POST						
MAX CENTROID (FT)	SIGN AREA					
	60 SF	65 SF	70 SF	80 SF	90 SF	100 SF
10	SEE 2 POST TABLE			2'-0"x7'-6"	2'-0"x7'-6"	2'-0"x8'-0"
11				2'-0"x8'-0"	2'-0"x8'-0"	2'-0"x8'-6"
12						
13						
14						
15			2'-6"x8'-0"	2'-6"x8'-0"	2'-6"x8'-6"	
16						
17	2'-0"x7'-6"	2'-0"x8'-6"	2'-0"x8'-6"	2'-6"x8'-6"	2'-6"x8'-6"	SEE 4 POST TABLE
18						

4 POST				
MAX CENTROID (FT)	SIGN AREA			
	100 SF	120 SF	125 SF	130 SF
10	SEE 3 POST TABLE	2'-0"x7'-6"	2'-0"x8'-0"	2'-0"x8'-0"
11		2'-0"x8'-0"	2'-0"x8'-6"	2'-0"x8'-6"
12				
13				
14		2'-6"x8'-0"	2'-6"x8'-6"	2'-6"x8'-6"
15				
16				
17	2'-0"x8'-6"	2'-6"x8'-6"	2'-6"x9'-0"	SEE 5 POST TABLE
18				

5 POST						
MAX CENTROID (FT)	SIGN AREA					
	125 SF	130 SF	140 SF	150 SF	160 SF	170 SF
10	SEE 4 POST TABLE		2'-0"x7'-6"	2'-0"x7'-6"	2'-0"x8'-0"	2'-0"x8'-0"
11			2'-0"x8'-0"	2'-0"x8'-0"	2'-0"x8'-6"	2'-0"x8'-6"
12						
13						
14						
15			2'-6"x8'-0"	2'-6"x8'-0"	2'-6"x8'-6"	2'-6"x8'-6"
16						
17		2'-6"x8'-6"	2'-6"x8'-6"	2'-6"x8'-6"	2'-6"x9'-0"	2'-6"x9'-0"
18	2'-0"x8'-6"	2'-6"x8'-6"	2'-6"x8'-6"	2'-6"x8'-6"	2'-6"x9'-0"	2'-6"x9'-0"

NOTES:

1. CENTROID SHALL BE DETERMINED IN ACCORDANCE WITH PCS-1.
2. FOLLOW SIGN BRACING DETAILS (SEE SHEETS 10 & 11 OF 12) FOR MAXIMUM SIGN PANEL WIDTHS AND SIGN BRACING SPACING.
3. TABLE 1 SHALL BE USED FOR THE HAMPTON ROADS DISTRICT, EXCEPT THE CITY OF EMPORIA AND COUNTIES OF GREENSVILLE, SUSSEX, AND SOUTHAMPTON SHALL USE TABLE 2.
4. FOR FOUNDATION TYPES AND REINFORCEMENT SEE SHEET 8 OF 12.
5. FOUNDATION SIZES BASED ON TYPICAL SOILS AND L-PILE 2016 ANALYSIS.
6. SEE SHEETS 1 & 2 OF 12 FOR POST SPACING REQUIREMENTS.
7. DO NOT EXCEED MAX CENTROID HEIGHT OR CORRESPONDING SIGN AREA.

VDOT
ROAD AND BRIDGE STANDARDS

SHEET 6 OF 12 REVISION DATE
1321.45 NEW 08/19

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

FOUR INCH SQUARE TUBE SIGN POST FOUNDATION SIZES

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION
REFERENCE

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