

STP-2

TABLE 2 - FOUNDATION SIZES  
FOR BRISTOL, SALEM, LYNCHBURG, RICHMOND,  
FREDERICKSBURG, CULPEPER, STAUTON, AND NORTHERN  
VIRGINIA DISTRICTS

| 1 POST            |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| MAX CENTROID (FT) | 35 SF       | 40 SF       | 45 SF       | 50 SF       | 60 SF       | 65 SF       | 70 SF       | 80 SF       | 90 SF       | 100 SF      | 115 SF      |
| 10                | 2'-6"x5'-6" | 2'-6"x5'-6" | 2'-6"x5'-6" |             |             |             |             |             |             | 3'-0"x6'-6" | 3'-0"x6'-6" |
| 11                |             |             |             |             |             |             |             | 3'-0"x6'-0" | 3'-0"x6'-6" |             |             |
| 12                |             |             |             |             |             |             | 3'-0"x6'-0" |             |             |             |             |
| 13                | 3'-0"x9'-0" |             |             | 2'-6"x7'-0" | 2'-6"x7'-0" | 2'-6"x7'-0" |             |             |             |             |             |
| 14                |             | 2'-6"x6'-6" | 2'-6"x6'-6" |             |             |             |             |             |             |             |             |
| 15                |             |             |             |             |             |             |             |             |             |             |             |
| 16                |             |             |             |             |             |             |             |             |             |             |             |
| 17                | 2'-6"x6'-6" |             |             |             |             |             |             |             |             |             |             |
| 18                | 3'-0"x6'-6" | 3'-0"x6'-6" | 3'-0"x6'-6" | 3'-0"x7'-6" | 3'-6"x7'-6" |             |             |             |             |             |             |

| 2 POST            |             |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| MAX CENTROID (FT) | 65 SF       | 70 SF       | 80 SF       | 90 SF       | 100 SF      | 115 SF      | 125 SF      | 140 SF      | 150 SF      | 170 SF      | 175 SF      | 200 SF      |
| 10                |             |             |             | 3'-0"x6'-6" | 3'-0"x6'-6" | 3'-0"x6'-6" |             |             |             | 3'-0"x6'-6" | 3'-0"x6'-6" | 3'-0"x6'-6" |
| 11                |             |             |             |             |             |             |             |             |             |             |             |             |
| 12                |             | 3'-0"x6'-0" | 3'-0"x6'-0" |             |             |             |             | 3'-0"x6'-0" | 3'-0"x6'-0" |             |             |             |
| 13                | 2'-6"x7'-0" |             |             |             |             |             | 2'-6"x7'-0" |             |             |             |             |             |
| 14                |             |             |             | 2'-6"x6'-6" | 2'-6"x7'-0" | 2'-6"x7'-0" |             |             |             |             |             |             |
| 15                |             |             |             |             |             |             |             |             |             |             |             |             |
| 16                |             | 2'-6"x6'-0" | 2'-6"x6'-6" |             |             |             |             |             |             |             |             |             |
| 17                | 2'-6"x6'-6" | 2'-6"x6'-6" |             |             |             |             |             |             |             |             |             |             |
| 18                | 3'-0"x6'-0" | 3'-0"x6'-6" | 3'-0"x6'-6" | 3'-0"x6'-6" | 3'-0"x7'-6" | 3'-0"x7'-6" |             |             |             |             |             |             |

| 3 POST            |             |             |             |             |             |             |             |             |             |             |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| MAX CENTROID (FT) | 125 SF      | 140 SF      | 150 SF      | 170 SF      | 175 SF      | 200 SF      | 225 SF      | 240 SF      | 250 SF      | 300 SF      |
| 10                |             |             |             |             |             |             |             |             |             |             |
| 11                |             |             |             |             |             |             |             |             |             |             |
| 12                |             |             |             |             |             |             | 3'-0"x6'-0" | 3'-0"x6'-0" | 3'-0"x6'-6" | 3'-0"x6'-6" |
| 13                |             |             |             |             |             |             |             |             |             |             |
| 14                |             |             |             | 2'-6"x7'-0" | 2'-6"x7'-0" |             |             |             |             |             |
| 15                |             |             |             |             |             |             |             |             |             |             |
| 16                |             | 2'-6"x7'-0" | 2'-6"x7'-0" |             |             |             |             |             |             |             |
| 17                | 2'-6"x6'-6" |             |             |             |             | 3'-0"x7'-6" | 3'-0"x7'-6" | 3'-0"x7'-6" | 3'-0"x7'-6" | 3'-0"x7'-6" |
| 18                | 3'-0"x6'-6" | 3'-0"x6'-6" | 3'-0"x7'-6" | 3'-6"x7'-6" | 3'-6"x7'-6" |             |             |             |             |             |

**NOTES:**

- CENTROID SHALL BE DETERMINED IN ACCORDANCE WITH PCS-1.
- FOLLOW SIGN BRACING DETAILS (SEE SHEET 9 OF 10) FOR MAXIMUM SIGN PANEL WIDTHS AND SIGN BRACING SPACING.
- TABLE 2 SHALL ALSO BE USED FOR THE CITY OF EMPORIA AND COUNTIES OF GREENSVILLE, SUSSEX, AND SOUTHAMPTON IN HAMPTON ROADS DISTRICT.
- FOR FOUNDATION TYPES AND REINFORCEMENT SEE SHEET 7 OF 10.
- FOUNDATION SIZES BASED ON TYPICAL SOILS AND L-PILE 2016 ANALYSIS.



ROAD AND BRIDGE STANDARDS

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

**FOUR INCH SQUARE TUBE SIGN POST  
FOUNDATION SIZES**

SPECIFICATION  
REFERENCE

SHEET 6 OF 10

REVISION DATE

VIRGINIA DEPARTMENT OF TRANSPORTATION

1321.45

NEW 09/18

700