**U-CHANNEL POSTS FOR TYPE “D” SIGNS**

**SIGN SIZE SUPPORT LENGTH CROSSBRACE TOTAL**

**(INCHES) (FEET) PER SIGN**

TYPE “D” NO. 1 NO. 2

36 X 12 11.00 12.00 5.50 28.50

42 X 12 11.00 12.00 6.50 29.50

48 X 12 11.00 12.00 7.50 30.50

54 X 12 11.00 12.00 8.50 31.50

60 X 12 11.00 12.00 9.00 32.00

66 X 12 11.00 12.00 10.50 33.50

72 X 12 11.00 12.00 11.50 34.50

78 X 12 11.00 12.00 12.50 35.50

84 X 12 11.00 12.00 13.50 36.50

90 X 12 11.00 12.00 14.50 37.50

96 X 12 11.00 12.00 15.50 38.50

102 X 12 11.00 12.00 16.50 39.50

108 X 12 11.00 12.00 17.50 40.50

36 X 16 11.00 12.00 5.50 28.50

42 X 16 11.00 12.00 6.50 29.50

48 X 16 11.00 12.00 7.50 30.50

54 X 16 11.00 12.00 8.50 31.50

60 X 16 11.00 12.00 9.50 32.50

66 X 16 11.00 12.00 10.50 33.50

72 X 16 11.00 12.00 11.50 34.50

78 X 16 12.00 13.00 12.50 37.50

84 X 16 12.00 13.00 13.50 38.50

90 X 16 12.00 13.00 14.50 39.50

96 X 16 12.00 13.00 15.50 40.50

102 X 16 12.00 13.00 16.50 41.50

108 X 16 12.00 13.00 17.50 42.50

36 X 20 12.00 13.00 5.50 30.50

42 X 20 12.00 13.00 6.50 31.50

48 X 20 12.00 13.00 7.50 32.50

54 X 20 12.00 13.00 8.50 33.50

60 X 20 12.00 13.00 9.50 34.50

66 X 20 12.00 13.00 10.50 35.50

72 X 20 12.00 13.00 11.50 36.50

78 X 20 12.00 13.00 12.50 37.50

84 X 20 12.00 13.00 13.50 38.50

90 X 20 12.00 13.00 14.50 39.50

96 X 20 12.00 13.00 15.50 40.50

102 X 20 12.00 13.00 16.50 41.50

108 X 20 12.00 13.00 17.50 42.50

**SIGN SIZE SUPPORT LENGTH CROSSBRACE TOTAL**

**(INCHES) (FEET) PER SIGN**

TYPE “D” NO. 1 NO. 2

36 X 24 12.00 13.00 5.50 30.50

42 X 24 12.00 13.00 6.50 31.50

48 X 24 12.00 13.00 7.50 32.50

54 X 24 12.00 13.00 8.50 33.50

60 X 24 12.00 13.00 9.50 34.50

66 X 24 12.00 13.00 10.50 35.50

72 X 24 12.00 13.00 11.50 36.50

78 X 24 12.00 13.00 12.50 37.50

84 X 24 12.00 13.00 13.50 38.50

90 X 24 12.00 13.00 14.50 39.50

96 X 24 12.00 13.00 15.50 40.50

102 X 24 12.00 13.00 16.50 41.50

108 X 24 12.00 13.00 17.50 42.50

36 X 30 13.00 14.00 5.50 32.50

42 X 30 13.00 14.00 6.50 33.50

48 X 30 13.00 14.00 7.50 34.50

54 X 30 13.00 14.00 8.50 35.50

60 X 30 13.00 14.00 9.50 36.50

66 X 30 13.00 14.00 10.50 37.50

72 X 30 13.00 14.00 11.50 38.50

78 X 30 13.00 14.00 12.50 39.50

84 X 30 13.00 14.00 13.50 40.50

90 X 30 13.00 14.00 14.50 41.50

96 X 30 13.00 14.00 15.50 42.50

102 X 30 13.00 14.00 16.50 43.50

108 X 30 13.00 14.00 17.50 44.50

36 X 36 13.00 14.00 8.00 35.00

42 X 36 13.00 14.00 10.00 37.00

48 X 36 13.00 14.00 11.00 38.00

54 X 36 13.00 14.00 13.00 40.00

60 X 36 13.00 14.00 14.00 41.00

66 X 36 13.00 14.00 16.00 43.00

72 X 36 13.00 14.00 17.00 44.00

78 X 36 13.00 14.00 19.00 46.00

84 X 36 13.00 14.00 20.00 47.00

90 X 36 13.00 14.00 22.00 49.00

96 X 36 13.00 14.00 23.00 50.00

102 X 36\*\*\*\*

108 X 36\*\*\*\*

36 X 42 14.00 15.00 8.00 36.00

42 X 42 14.00 15.00 10.00 38.00

48 X 42 14.00 15.00 11.00 39.00

54 X 42 14.00 15.00 13.00 41.00

60 X 42 14.00 15.00 14.00 42.00

66 X 42 14.00 15.00 16.00 44.00

72 X 42 14.00 15.00 17.00 45.00

**SIGN SIZE SUPPORT LENGTH CROSSBRACE TOTAL**

**(INCHES) (FEET) PER SIGN**

TYPE “D” NO. 1 NO. 2

78 X 42\*\*\*\*

84 X 42\*\*\*\*

90 X 42\*\*\*\*

96 X 42\*\*\*\*

102 X 42\*\*\*\*

108 X 42\*\*\*\*

36 X 48 14.00 15.00 8.00 37.00

42 X 48 14.00 15.00 10.00 39.00

48 X 48 14.00 15.00 11.00 40.00

54 X 48 14.00 15.00 13.00 42.00

60 X 48 14.00 15.00 14.00 43.00

66 X 48 14.00 15.00 16.00 45.00

72 X 48 14.00 15.00 17.00 46.00

78 X 48\*\*\*\*

84 X 48\*\*\*\*

90 X 48\*\*\*\*

96 X 48\*\*\*\*

102 X 48\*\*\*\*

108 X 48\*\*\*\*

\*\*\*\* SIGNS CANNOT BE ERECTED ON U-CHANNEL POSTS UNLESS THEY ARE TO BE LOCATED BEHIND GUARDRAIL (SEE PROJECT ENGINEER)

**U-CHANNEL POSTS FOR TYPE “E” SIGNS**

**SIGN SIZE SUPPORT LENGTH CROSSBRACE TOTAL**

**(INCHES) (FEET) PER SIGN**

TYPE “E” NO. 1 NO. 2

24 X 24 12.00 0.00 0.00 12.00

30 X 24 12.00 0.00 0.00 12.00

36 X 24 12.13 0.00 0.00 12.13

48 X 24 12.00 13.00 0.00 25.00

24 X 30 13.00 0.00 0.00 13.00

30 X 30 (STOP) 13.00 0.00 0.00 13.00

30 X 30 (DIAMOND) 14.00 0.00 0.00 14.00

36 X 30 13.00 0.00 0.00 13.00

24 X 36 13.00 0.00 0.00 13.00

36 X 36 14.00 0.00 0.00 14.00

36 X 36 (DIAMOND) 15.00 0.00 0.00 15.00

36 X 36 X 36 13.00 0.00 0.00 13.00

24 X 42 14.00 0.00 0.00 14.00

30 X 42 14.00 0.00 0.00 14.00

24 X 48 14.00 0.00 0.00 14.00

36 X 48 14.00 15.00 8.00 37.00

48 X 48 14.00 15.00 6.00 35.00

48 X 60 (SPEED) 15.00 16.00 15.00 46.00

ONEWAY

36 X 12 12.00 0.00 0.00 12.00

(REST AREA)

54 X 18 12.00 13.00 8.00 33.00

(GENERAL)

**U-CHANNEL POSTS FOR TYPE “F” SIGNS**

**SIGN SIZE SUPPORT LENGTH CROSSBRACE TOTAL**

**(INCHES) (FEET) PER SIGN**

TYPE “F” NO. 1 NO. 2

24 X 12

24 X 24 13.00 0.00 0.00 13.00

24 X 12

24 X 24

21 X 15 15.00 0.00 0.00 15.00

30 X 15

36 X 36 15.00 0.00 0.00 15.00

2-24 X 12

2-24 X 24 13.00 14.00 2.00 29.00

2-24 X 12

2-24 X 24

2-21 X 15 15.00 16.00 2.00 33.00

24 X 12

24 X 24

21 X 15

2-24 X 12

2-24 X 24

2-21 X 15 15.00 16.00 14.00 45.00

LOGO TRAILBLAZERS - 1 @ 15.00

CROSSROAD IDENTIFICATION - 30 X 12 - 1 @ 8.00

C:\Users\yasharif\Desktop\Cary and NC\WINDLOAD_Sgn_BPMP_Overhead Map.tif

Windspeed Map in North Carolina