GENERAL NOTES:

- 1. All signs shall be mounted per this Index when work operations exceed one day except for:
- a. Road closure signs mounted in accordance with the vendor drawing for the Type III Barricade shown on the APL.
- b. Pedestrian advanced warning or regulatory signs mounted on sign supports in accordance with the vendor drawing shown on the APL.
- c. Median barrier mounted signs per Index 11871.

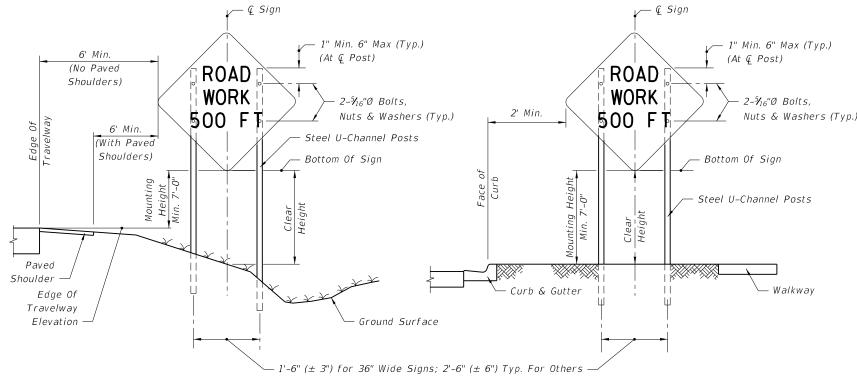
TEMPORARY SIGN SUPPORT NOTE:

1. Signs mounted on temporary supports or barricades, and barricade/sign combination shall be crashworthy in accordance with NCHRP 350 requirements and included on the Approved Products List (APL).

POST MOUNTED SIGN NOTES:

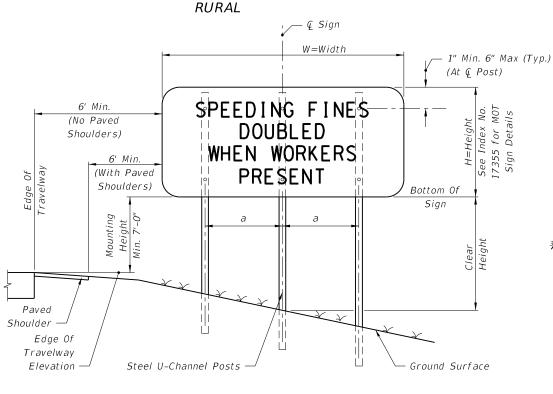
- 1. Use only approved systems listed on the Department's Approved Products List (APL).
- 2. Manufacturers seeking approval of U-Channel and steel square tube sign support assemblies for inclusion on the Approved Products List (APL) must submit a APL application, design calculations (for square tube only), and detailed drawings showing the product meets all the requirements of this Index.
- 3. Provide 3 lb/ft Steel U-Channel Posts with a minimum section modulus of 0.43 in³ for 60 ksi steel a minimum section modulus of 0.37 in³ for 70 ksi steel, or a minimum section modulus of 0.34 in³ for 80 ksi steel.
- 4. Provide 4 lb/ft Steel U-Channel Posts with a minimum section modulus of 0.56 in³ for 60 ksi steel, or a minimum section modulus of 0.47 in³ for 70 ksi or 80 ksi
- 5. U-channel posts shall conform with ASTM A 499, Grade 60, or ASTM A 576, Grade 1080 (with a minimum yield strength of 60 ksi). Square tube posts shall conform with ASTM A 653, Grade 50, or ASTM A 1011, Grade 50.
- 6. Sign attachment bolts, washers, nuts and spacers shall conform with ASTM A307 or A 36.
- 7. For diamond warning signs with supplement plague (up to 5 ft2 in area), use 4 lb/ft posts for up to 10 ft Clear Height (measure to the bottom of diamond warning sign).
- 8. Install 4 lb/ft Steel U-Channel Posts with approved breakaway splice in accordance with the manufacturer's detail shown on the APL.
- 9. The contractor may install 3 lb/ft Steel U-Channel Posts with approved breakaway splice in accordance with the manufacturer's detail shown on the APL
- 10. Install all posts plumb.
- 11. The contractor may set posts in preformed holes to the specified depth with suitable backfill tamped securely on all sides, or drive 3 lb/ft sign posts and any size base post in accordance with the manufacturer's detail shown on the APL.

Post and Foundation Table



2 POST SIGN SUPPORT MOUNTING DETAILS (SINGLE POST SIMILAR)

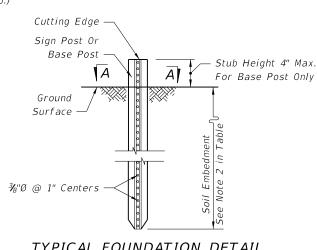
2 POST SIGN SUPPORT MOUNTING DETAILS (SINGLE POST SIMILAR) URBAN



3 POST SIGN SUPPORT MOUNTING DETAILS

Where W = 48'': $a = 1' - 4\frac{1}{2}'' (\pm 1'')$ W = 60": a = 1' - 9" $(\pm 1")$ W = 72'': $a = 2' - 1'' (\pm 1'')$

WORK ZONE SIGN SUPPORTS



TYPICAL FOUNDATION DETAIL

See APL for post, splice and connection details. No bolts installed closer than 1" to cutting edge.



Steel U-Channel Post Lock Washer $(\frac{5}{16}"$ Nominal Size) ₹₁₆" Steel Hex Head Bolt 5/16" Steel Hex Nut Flat Washer (₹₁₆" Nominal Size)

(SCHEMATIC)

SIGN ATTACHMENT DETAIL (WITHOUT Z-BRACKET)

LAST REVISION 05/30/14 DESCRIPTION: Clarified Note #1; Deleted Note #2 from Design Notes; Added 48"x24" Sign Size and Number of Posts to the



FDOT 2014 **DESIGN STANDARDS**

GENERAL INFORMATION FOR TRAFFIC

INDEX NO. 600

POST AND FOUNDATION

TABLE FOR

WORK ZONE SIGNS

30x30

36 x 36 x 36

48x48x48

60x60x60

24x18

24x30 30x24

36 x 18

36x24

48 x 18

48x24

36 x 48

48x30

48x36

54x36

48x60

60x54

72x48

120x60*

30x30

36 x 36 48×48

48 x 48

360

1. Use 3 lb/ft posts for Clear Height up to 10'

Use 4 lb/ft U-channel sign post with a

posts and 4.5' for 4 lb/ft posts.

and 4 lb/ft posts for Clear Height up to 12'.

mounting height of 7' min. and 8' max. Attach

sign panel using Z-bracket detail on Sheet 7.

Minimum foundation depth is 4.0' for 3 lb/ft

posts installed in rock, a minimum cumulative

3. For both 3 lb/ft and 4 lb/ft base or sign

depth of 2' of rock layer is required.

4. The soil plate as shown on the APL vendor

sign posts installed in existing rock (as

pavement or soil under sidewalk.

drawing is not required for base posts or

defined in note 3), asphalt roadway, shoulder

SIGN SHAPE

0ctagon

Rectangle

 $(W \times H)$

Sauare

Diamond

(See Note 6)

Circle

Notes For Table:

SIGN SIZE NUMBER OF STEEL

(inches) | U CHANNEL POSTS

4*

2

2

SHEET NO. 6 of 13