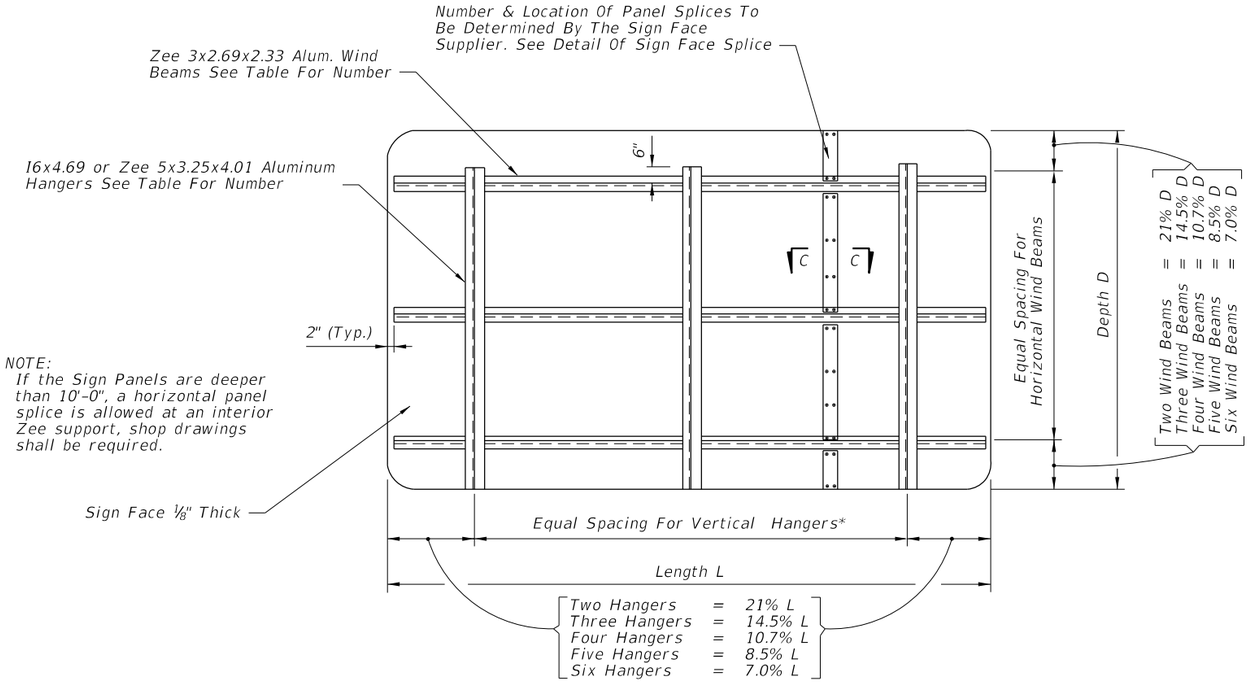
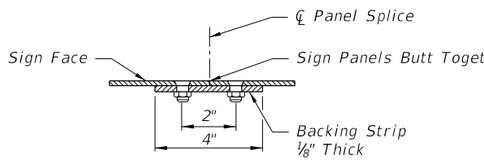


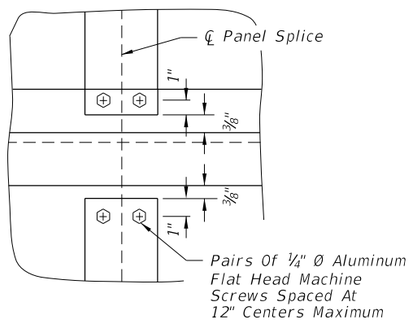
*Note: Spacing of vertical hangers may be varied slightly or as necessary to clear the truss struts and diagonals at panel points.

TYPICAL SIGN FACE ELEVATION FOR OVERHEAD TRUSS

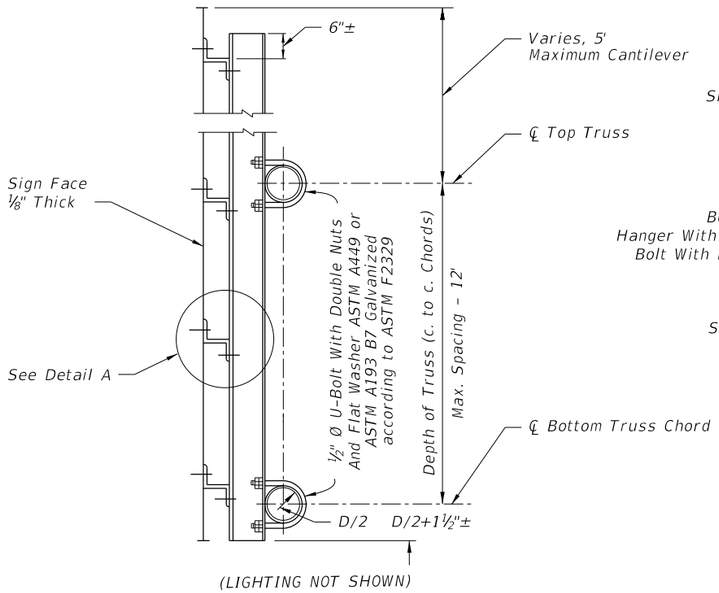
Number Of Zee 3x2.69x2.33 Horiz. Wind Beams For Sign Depth And Wind			Number Of I6x4.69 or Zee 5x3.25x4.01 Vertical Hanger Beams For Sign Length				
Wind M.P.H.	No. Beams	Max. Depth	2 Hangers	3 Hangers	4 Hangers	5 Hangers	6 Hangers
			Max Length	Max Length	Max Length	Max Length	Max Length
150	2	5'	15'	30'	45'	X	X
150	3	9'	15'	30'	45'	X	X
150	4	12'	15'	22'	30'	38'	45'
150	5	15'	15'	22'	30'	38'	45'
150	6	18'	15'	22'	30'	38'	45'
130	2	5'	15'	30'	45'	X	X
130	3	9'	15'	30'	45'	X	X
130	4	12'	15'	22'	30'	38'	45'
130	5	15'	15'	22'	30'	38'	45'
130	6	18'	15'	22'	30'	38'	45'
110	2	5'	15'	30'	45'	X	X
110	3	9'	15'	30'	45'	X	X
110	4	12'	15'	30'	38'	45'	X
110	5	15'	15'	30'	38'	45'	X
110	6	18'	15'	30'	38'	45'	X



SECTION C-C

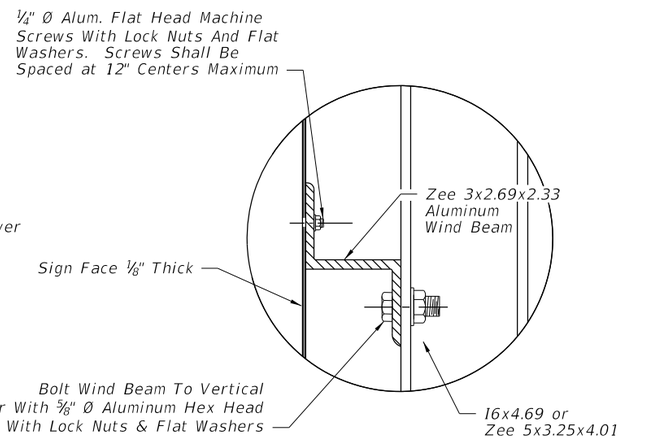


BACKING STRIP DETAIL



(LIGHTING NOT SHOWN)

TYPICAL DETAIL OF SIGN & TRUSS CONNECTION



(SHOWING ATTACHMENT OF SIGN FACE PANEL TO VERTICAL HANGER SUPPORTS, VERTICAL I SHAPE HANGER AS SHOWN, Zee SHAPE OPTIONAL)

DETAIL A

GENERAL NOTES

1. Work this Index with Index 11200.
2. Shop Drawings:
   A. Required for Sign Panels deeper than 10'-0" with a horizontal panel splice.
   B. Splice must be located at an interior Zee Support and only allowed on signs greater than 10'-0".
3. Materials:
   A. Aluminum:
      a. Bars, and Extruded Shapes: ASTM B 221, Alloy 6061-T6 or Alloy 6351-T5
      b. Structural Shapes: ASTM B308, Alloy 6061-T6
      c. Flat Head and Hex Head Machine Bolts: ASTM F468, Alloy 2024-T4
      d. Hex Nuts: ASTM F467, Alloy 6061-T6 or Alloy 6262-T9
      e. Washers: ASTM B221, Alloy 7075-T6
   B. Steel Materials:
      a. U-Bolts: ASTM A449 or ASTM A193 B7
      b. Nuts: ASTM F563, 2 per leg
      c. Washers: ASTM F436
4. Coatings:
   A. Aluminum Bolts, Nuts and Washers: Anodic (0.0002 inches min) and chromate sealed.
   B. Galvanized Steel Bolts, Nuts and Washers: ASTM F2329

DETAILS OF SIGN FACE & TRUSS CONNECTION

12/9/2015 11:34:43 AM

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2016-17 DESIGN STANDARDS	STEEL OVERHEAD SIGN STRUCTURES	INDEX NO.	SHEET NO.
01/01/16					11300	1 of 1