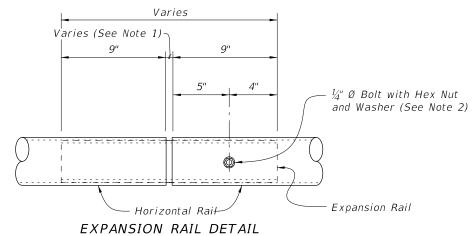


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		E OF CHAIN LINK FENCE COMPONENTS	
COMPONENT	ASTM DESIGNATION	COMPONENT INFORMATION	
Posts	F 1083	Galvanized Steel Pipe – 3" NPS, Schedule 40 (3.500" Outside Diameter, 0.216" Wall Thickness)	
Horizontal Rails and Internal Sleeves	F 1083	Galvanized Steel Pipe – $2\frac{1}{2}$ " NPS, Schedule 40 (2.875" Outside Diameter, 0.203" Wall Thickness)	
Expansion Rails	F 1083	Galvanized Steel Pipe - 2" NPS, Schedule 40 (2.375" Outside Diameter, 0.154" Wall Thickness)	
	A 392	Zinc Coated Steel - No. 9 gage (coated wire diameter), Class 2 Coating	
Chain Link Fabric (2" mesh with knuckled	A 491	Aluminum Coated Steel – No. 9 gage (coated wire diameter)	]
bottom selvages)	F 668	Polyvinyl Chloride (PVC) Coated Steel - No. 9 gage Zinc Coated Wire (metallic-coated core wire diameter) ~ Specify the color of the polymer coating in the General Notes	1
Tension Wire	A 824 & A 817	Type II (Zinc Coated Steel Wire) – No. 7 gage, Class 4 Coating	
	A 624 & A 617	Type I (Aluminum Coated Steel Wire) – No. 7 gage	
Tie Wires	F 626	Zinc Coated Steel Wire – No. 9 gage	
Hog Rings	F 626	26 Zinc Coated Steel Wire - No. 12 gage	
Brace Bands	te Bands F 626 No. 12 gage (Min. thickness) x $\frac{3}{4}$ " (Min. width) Steel Bands (Beveled or Heavy)		
Tension Bars	on Bars $F$ 626 $\frac{3}{16}$ " (Min. thickness) x $\frac{3}{4}$ " (Min. width) x Variable Height Steel Bars ~ Height = Tangent or Hoop Length – Barrier or Parapet Height – 2" max.		
Tension Bands	<i>F</i> 626 No. 14 gage (Min. thickness) $x \frac{34}{4}$ " (Min. width) Steel Bands		
Miscellaneous Fence Components	F 626	Zinc Coated Steel ~ (includes horizontal rail ends, combination rail ends, boulevard clamps and all other miscellaneous fittings and hardware)	
Bolts	A 307	$\%$ " Ø x $4^{1}_{4}$ " Hex Head Bolts for Internal Sleeve connections $4^{\prime\prime}_{4}$ " Ø x $4^{\prime\prime}_{4}$ " Hex Head Bolts for Expansion Rail connections	
Nuts	A 563	Hex Nuts for Internal Sleeve and Expansion Rail connections	
Washers	F 436	Flat Washers for Internal Sleeve and Expansion Rail connections	

TABLE OF POST ATTACH			
COMPONENT		ASTM DESIGNATION	
Pipe Clamps		A 36 or A 709 Grade 36	
Base	Plates	A 36 or A 709 Grade 36	
Shim Plates		A 36 or A 709 Grade 36 or B 209 Alloy 6061-T6 or B 221 Alloy 6063-T5	P. pi
Spacers		-	
Pipe Clamp Connection	Adhesive Anchor Rods	F 1554 Grade 36	F (n
	C-I-P Anchor Rods	F 1554 Grade 36	H oi
Base Plate Connection	Adhesive Anchor Rods F 1554 Grade 36		F   7/8
Base Conn€	C-I-P Anchor Rods	F 1554 Grade 36	н
Bolts		A 307	3/8 C (
Nuts		A 563	H C
Washers		F 436	F. C
Neoprene Pads		-	Ir



## NOTES:

- 1. This Dimension is the expansion joint opening plus <sup>1</sup>/<sub>4</sub>". Expansion rails are required at expansion joint locations where the total movement exceeds 1", but is less than or equal to 6". Expansion rails are part of expansion assemblies when the total movement exceeds 6". Install expansion rails midway between the fence posts spanning the expansion joint.
- 2. Install nuts for expansion rails finger-tight. Nuts will fully engage bolts with a minimum of one bolt thread extending beyond the nuts. Distort the first thread on the outside of the nut to prevent loosening.

FDOT

2016

DESIGN STANDARDS

## POST ATTACHMENT NOTES

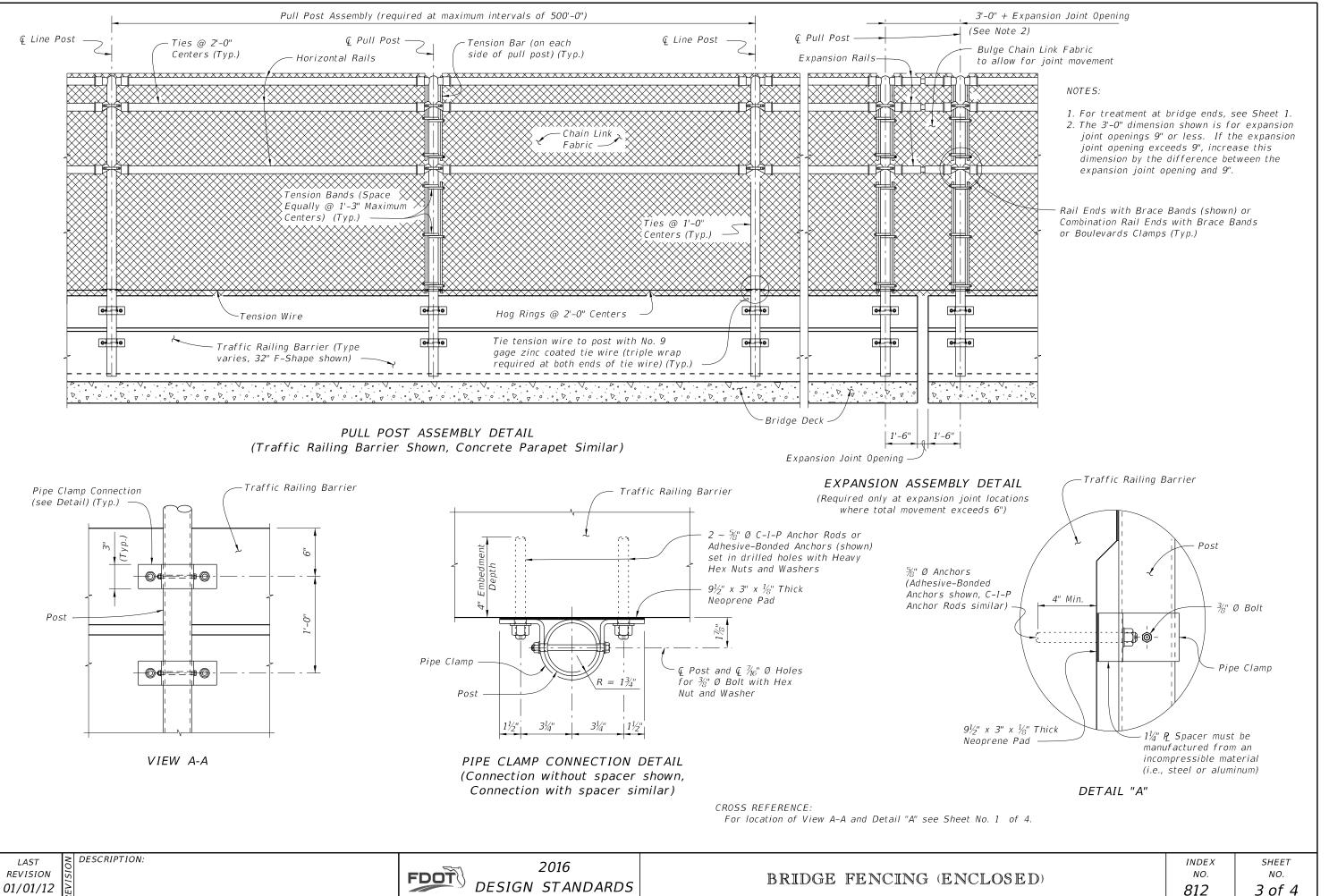
- ANCHOR RODS, NUTS AND WASHERS: After the nuts have been tightened, d removal of the nuts. Coat distorted t with a galvanizing compound in accord COATINGS:
- Hot-dip galvanize all Nuts, Washers, and Fence Framework (Posts, Interna Clamps and Spacers) in accordance w galvanize Fence Framework after fab
- ADHESIVE-BONDED ANCHORS AND DOW Adhesive Bonding Material Systems f Specification Section 937 and be inst
- Section 416. Cutting of reinforcing installation. WELDING:
- All welding will be in accordance with Welding Code (Steel) ANSI/AWS D1.1 or E70XX. Nondestructive testing of

LAST REVISION 07/01/15

BRIDGE FENCING (ENCLOSE

HMENT COMPONENTS
COMPONENT INFORMATION
1/4" Steel PL
¾" Steel P_
Plate thicknesses as required; Holes in shim plates will be $\frac{3}{4}$ " Ø
$1\frac{1}{4}$ $p$ for all materials
Fully threaded Headless Anchor Rods ~ $\frac{5}{8}$ " Ø x 6" (no spacer) or $\frac{5}{8}$ " Ø x 7 $\frac{1}{4}$ " (with spacer)
Hex Head Anchor Rods ~ $\frac{7}{8}$ " Ø x 6" (no spacer) or $\frac{5}{8}$ " Ø x 7 $\frac{1}{4}$ " (with spacer)
Fully threaded Headless Anchor Rods ~ $\%^{\prime\prime}$ Ø x 14½"
Hex Head Anchor Rods ~ $7_8^{\prime\prime\prime}$ Ø x 14 $1_2^{\prime\prime\prime}$
$^3\!\!\%$ " Ø x 4 $^3\!\!4$ " Hex Head Bolts for Pipe Clamp Connections to Posts
Hex Nuts for Pipe Clamp and Base Plate Connections
Flat Washers for Pipe Clamp and Base Plate Connections
In accordance with Specification Section 932

distort the Anchor Rod threads to prevent threads and exposed trimmed ends of anchors rdance with Specification Section 562.				
Bolts, C-I-P Anchor Rods, Adhesive Anchors al Sleeves, Shim Plates, Base Plates, Pipe with Specification Section 962. Hot-dip brication. VELS: for Anchors and Dowels will comply with talled in accordance with Specification steel is permitted for drilled hole				
h the American Welding Society Structural (current edition). Weld metal will be E60XX <sup>:</sup> welds is not required.				
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