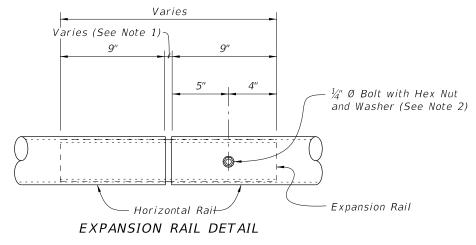


	TABL	E OF CHAIN LINK FENCE COMPONENTS	TA	BLE OF POST ATTA	
COMPONENT ASTM DESIGNATION		COMPONENT INFORMATION	COMPONENT	ASTM DESIGNATION	
Posts	F 1083	Galvanized Steel Pipe – 3" NPS, Schedule 40 (3.500" Outside Diameter, 0.216" Wall Thickness)	Pipe Clamps	A 36 or A 709 Grade 36	
Horizontal Rails and Internal Sleeves	F 1083	Galvanized Steel Pipe – $2\frac{1}{2}''$ NPS, Schedule 40 (2.875" Outside Diameter, 0.203" Wall Thickness)	Base Plates	A 36 or A 709 Grade 36	
Expansion Rails	F 1083	Galvanized Steel Pipe - 2" NPS, Schedule 40 (2.375" Outside Diameter, 0.154" Wall Thickness) Shim Plates		A 36 or A 709 Grade 36 or	
	A 392	Zinc Coated Steel – No. 9 gage (coated wire diameter), Class 2 Coating		B 209 Alloy 6061-T6 or B 221 Alloy 6063-T5	
Chain Link Fabric (2" mesh with knuckled	A 491	Aluminum Coated Steel - No. 9 gage (coated wire diameter)	Spacers	-	
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	Adhesive Anchor Rods	F 1554 Grade 36	
Tension Wire	A 824 & A 817	Type II (Zinc Coated Steel Wire) – No. 7 gage, Class 4 Coating	ed ed C-I-P Anchor Rods	F 1554 Grade 36	
		Type I (Aluminum Coated Steel Wire) - No. 7 gage		F 1554 Grade 36	
Tie Wires	F 626	Zinc Coated Steel Wire – No. 9 gage	Adhesive Anchor Rods C-I-P Anchor Rods	E 1554 Create 20	
Hog Rings	F 626 Zinc Coated Steel Wire – No. 12 gage		Sed C-I-P Anchor Rods	F 1554 Grade 36	
Brace Bands	F 626	No. 12 gage (Min. thickness) x $\frac{3}{4}$ " (Min. width) Steel Bands (Beveled or Heavy)	Bolts	A 307	
Tension Bars	F 626	<i>F</i> 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.		A 563	
Tension Bands	F 626	No. 14 gage (Min. thickness) x $\frac{3}{4}$ " (Min. width) Steel Bands	Washers	F 436	
Miscellaneous Fence Components	s Fence F 626 Zinc Coated Steel ~ (includes horizontal rail ends, combination rail ends, boulevard clamps and all other miscellaneous fittings and hardware)		Neoprene Pads	-	
Bolts	A 307	$\frac{3}{4''}$ Ø x 4 ¹ / ₄ " Hex Head Bolts for Internal Sleeve connections $\frac{1}{4''}$ Ø x 4 ¹ / 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			



NOTES:

- 1. This Dimension is the expansion joint opening plus $\frac{1}{4}$ ". 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.

POST ATTACHMENT NOTE.

- ANCHOR RODS, NUTS AND WASHER After the nuts have been tighter removal of the nuts. Coat distor with a galvanizing compound in COATINGS: Hot-dip galvanize all Nuts, Wash
- and Fence Framework (Posts, In Clamps and Spacers) in accorda galvanize Fence Framework afte ADHESIVE-BONDED ANCHORS AND
- Adhesive Bonding Material Syste Specification Section 937 and be Section 416. Cutting of reinford installation. WELDING:
- or E70XX. Nondestructive testing of welds is not required.

LAST	N	DESCRIPTION:		
REVISION	SIC			
07/01/08	N			
07701708	RE			

FDOT	DES	SIGN	STANDARDS
	FY	2012	/2013

BRIDGE FENCING (EI

40	CHMENT COMPONENTS
	COMPONENT INFORMATION
	½" Steel P_
	¾" Steel P
	Plate thicknesses as required; Holes in shim plates will be $\frac{3}{4}$ " Ø
	1¼" P_ for all materials
	Fully threaded Headless Anchor Rods ~ $\frac{5}{2}$ " Ø x 6' (no spacer) or $\frac{5}{2}$ " Ø x 7 $\frac{1}{4}$ " (with spacer)
	Hex Head Anchor Rods ~ $\frac{5}{8}$ " Ø x 6" (no spacer) or $\frac{5}{8}$ " Ø x 7 $\frac{1}{4}$ " (with spacer)
	Fully threaded Headless Anchor Rods ~ $7_8^{\prime\prime}$ Ø x 14½"
	Hex Head Anchor Rods ~ $\frac{7}{8}$ " Ø x 14 $\frac{1}{2}$ "
	$\frac{3}{8}$ "Ø x 4 $\frac{3}{4}$ " 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
_	
е	distort the Anchor Rod threads to prevent d threads and exposed trimmed ends of anchors ordance with Specification Section 975.
r ⊋ f	s, Bolts, C-I-P Anchor Rods, Adhesive Anchors nal Sleeves, Shim Plates, Base Plates, Pipe with Specification Section 962. Hot-dip abrication.
s r	DWELS: for Anchors and Dowels will comply with stalled in accordance with Specification steel is permitted for drilled hole

All welding will be in accordance with the American Welding Society Structural Welding Code (Steel) ANSI/AWS D1.1 (current edition). Weld metal will be E60XX

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NCLOSED)	NO.	NO.
	812	2

