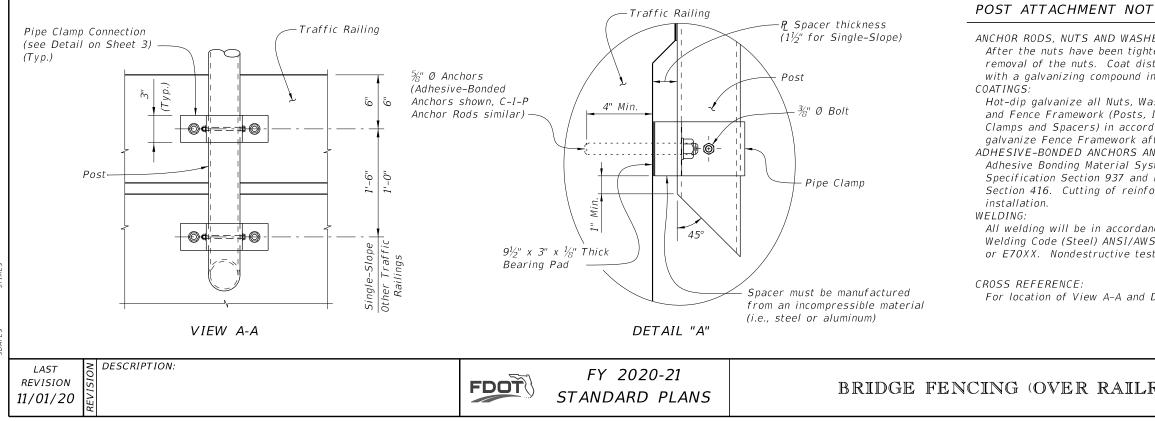


LAST 11/01/17

STANDARD PLANS

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TABLE OF CHAIN LINK FENCE COMPONENTS				TABLE OF POST ATTACHMENT COMPONENTS			
COMPONENT	ASTM DESIGNATION	COMPONENT INFORMATION	COMPONENT		ASTM DESIGNATION	COMPONENT INFORMATION	
Posts	F1083	Galvanized Steel Pipe – $3\frac{1}{2}$ " NPS, Schedule 40 Regular Grade	Pipe Clamps		A36 or A709 Grade 36	¼" Steel P	
Chain Link Fabric (2" mesh with twisted top and knuckled bottom selvage)	A392	Zinc Coated Steel - 9 gage (coated wire diameter), Class 2 Coating	Base Plates		A36 or A709 Grade 36	¾" Steel P	
	A491	Aluminum Coated Steel – 9 gage (coated wire diameter)	Shim Plates		A36 or A709 Grade 36 or B209 Alloy 6061-T6 or B221 Alloy 6063-T5	Plate thicknesses as required; Holes in shim plates will be $\frac{3}{4}$ " Ø	
	F668	Polyvinyl Chloride (PVC) Coated Steel – 9 gage Class 2b					
Tie Wires	F626	Zinc Coated Steel Wire – 9 gage	Space	er s	_	Plate thickness varies based on traffic railing type (See Detail "A")	
Brace Bands	F626	12 Gage (Min. thickness) x $\frac{3}{4}$ " (Min. width) Steel Bands (Beveled or Heavy)	Clamp ection	Adhesive Anchor Rods	F1554 Grade 36	Fully threaded Headless Anchor Rods ~ $\frac{5}{8}$ " Ø x 6" (no spacer) or $\frac{5}{8}$ " Ø x (6" + spacer thickness)	
Tension Bars	F626	$^{3}_{16}$ " (Min. thickness) x $^{3}_{4}$ " (Min. width) x 6'-10" (Min. height) Steel Bars	Pipe (Conne	C-I-P Anchor Rods	F1554 Grade 36	Hex Head Anchor Rods ~ $\frac{5}{8}$ " Ø x 6" (no spacer) or $\frac{5}{8}$ " Ø x (6" + spacer thickness)	
Tension Bands	F626	14 Gage (Min. thickness) x $\frac{3}{4}$ " (Min. width) Steel Bands	Bolts		A307	$\frac{3}{8}$ " Ø x $4\frac{3}{4}$ " Hex Head Bolts for Pipe Clamp Connections to Posts	
<i>Miscellaneous Fence Components</i>	F626	Zinc Coated Steel ~ (includes post or loop caps, horizontal and brace rail ends, combination rail ends, boulevard clamps and all other miscellaneous fittings & hardware)	Nuts		A563	Hex Nuts for Pipe Clamp Connections	
Tension Wire	A824 & A817	Type II (Zinc Coated Steel Wire) - 7 gage, Class 4 Coating				Flat Washers for Pipe Clamp	
		Type I (Aluminum Coated Steel Wire) - 7 gage	Washers		F436	Connections	
Hog Rings	F626	Zinc Coated Steel Wire - 12 gage	Bearing Pads (Plain Neoprene)		-	In accordance with Specification Section 932 for Ancillary Structures	
Brace Rails	F1083	Galvanized Steel Pipe – $1_4^{l\prime\prime}$ NPS, Schedule 40 Regular Grade					



POST ATTACHMENT NOTES

- ANCHOR RODS, NUTS AND WASHERS: COATINGS:
- installation.

After the nuts have been tightened, distort the Anchor Rod threads to prevent removal of the nuts. Coat distorted threads and exposed trimmed ends of anchors with a galvanizing compound in accordance with Specification Section 562. Hot-dip galvanize all Nuts, Washers, Bolts, C-I-P Anchor Rods, Adhesive Anchors and Fence Framework (Posts, Internal Sleeves, Shim Plates, Base Plates, Pipe Clamps and Spacers) in accordance with Specification Section 962. Hot-dip galvanize Fence Framework after fabrication. ADHESIVE-BONDED ANCHORS AND DOWELS: Adhesive Bonding Material Systems for Anchors and Dowels will comply with Specification Section 937 and be installed in accordance with Specification Section 416. Cutting of reinforcing steel is permitted for drilled hole WELDING: 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 or E70XX. Nondestructive testing of welds is not required. CROSS REFERENCE: For location of View A-A and Detail "A" see Sheet 1.

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