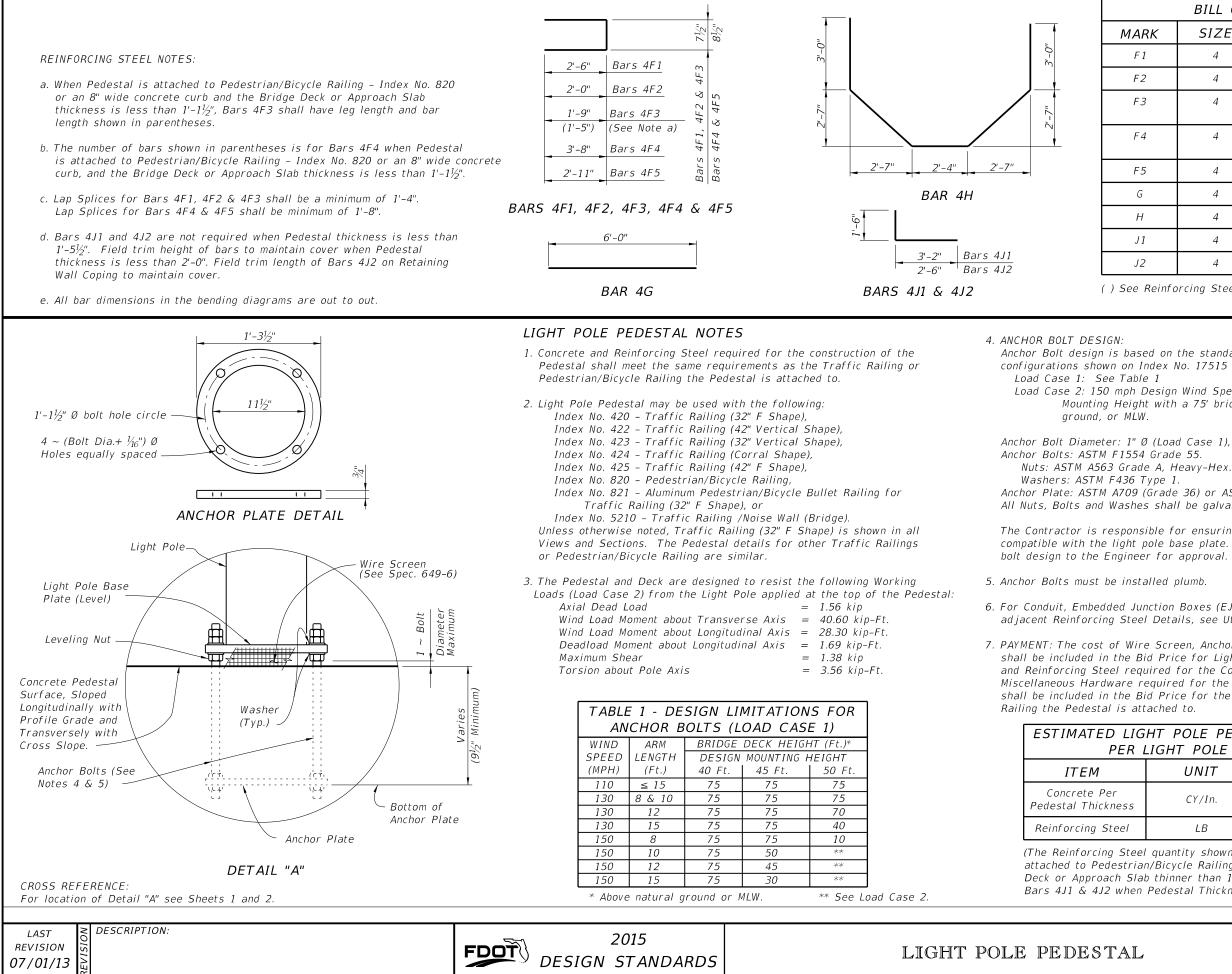


CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS



BILL OF REINFORCING STEEL						
MARK	SIZE	NO. REQD.	LENGTH	NOTES		
F 1	4	16	5'-8"	С		
F2	4	4	4'-8"	С		
F3	4	4	4'-2'' (3'-6")	a, c		
F4	4	8 (6)	8'-3''	b, c		
F5	4	4	6'-7"	С		
G	4	8	6'-0"	-		
Н	4	2	15'-8"	-		
J 1	4	8	4'-8"	d		
J2	4	12	4'-0''	d		
See Reinforcing Steel Note a & b.						
based on the standard Roadway Aluminum Light Pole on Index No. 17515 and the following design limitations: Table 1 ph Design Wind Speed, 15' arm length, 50' Design eight with a 75' bridge deck height above natural MLW.						
1" Ø (Load Case 1), 1 ¼" Ø (Load Case 2). 554 Grade 55.						

Anchor Plate: ASTM A709 (Grade 36) or ASTM A36. All Nuts, Bolts and Washes shall be galvanized by ASTM F2329.

The Contractor is responsible for ensuring the anchor bolt configuation is compatible with the light pole base plate. Submit modifications of the anchor

6. For Conduit, Embedded Junction Boxes (EJB), Expansion/Deflection Fitting and adjacent Reinforcing Steel Details, see Utility Conduit Detail Sheets.

7. PAYMENT: The cost of Wire Screen, Anchor Bolts, Nuts, Washers and Anchor Plates shall be included in the Bid Price for Light Poles. The cost of all Labor, Concrete and Reinforcing Steel required for the Construction of the Pedestals, EJB, and Miscellaneous Hardware required for the completion of the Electrical System, shall be included in the Bid Price for the Traffic Railing or Pedestrian/Bicycle

ESTIMATED LIGHT POLE PEDESTAL QUANTITIES PER LIGHT POLE PEDESTAL

	UNIT	QUANTITY		
55	CY/In.	0.040		
e/	LB	195 (182)		

(The Reinforcing Steel quantity shown in parenthesis is for a Pedestal attached to Pedestrian/Bicycle Railing - Index No. 820 with Bridge Deck or Approach Slab thinner than $1'-1\frac{1}{2}''$. Add 59 Lbs. for Bars 4J1 & 4J2 when Pedestal Thickness is greater than 1'-5")

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хΤ	NO.	NO.
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