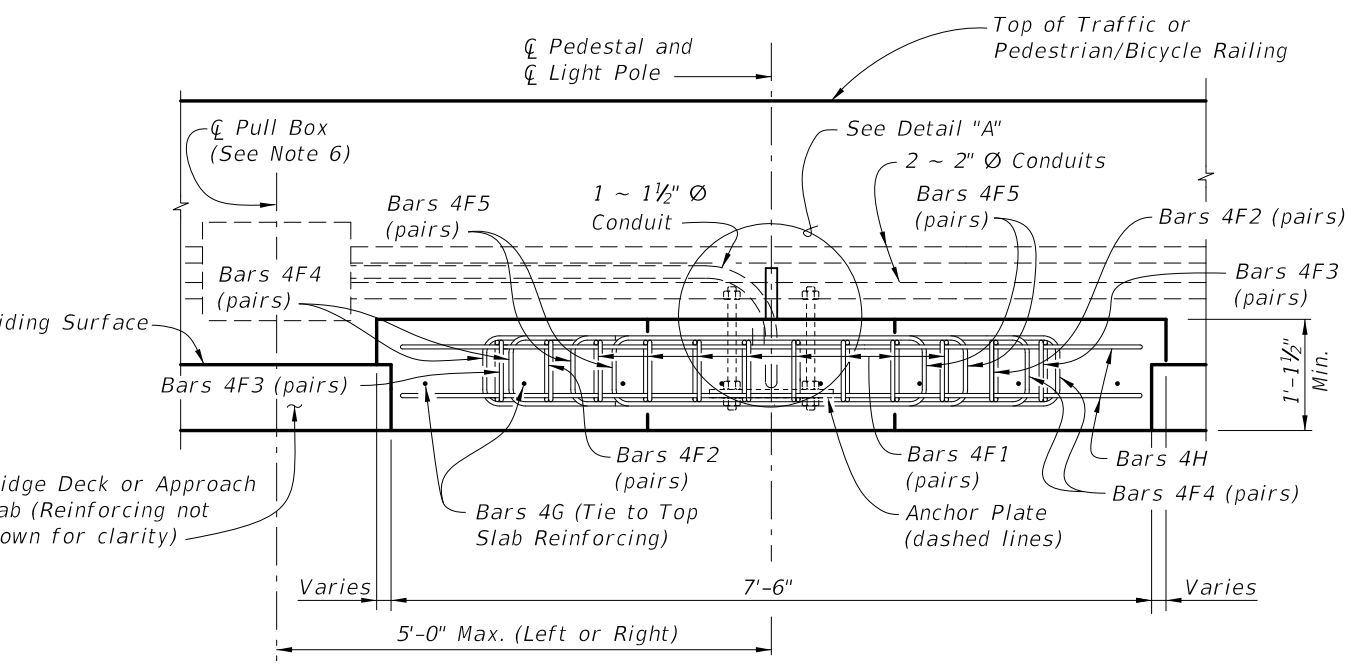
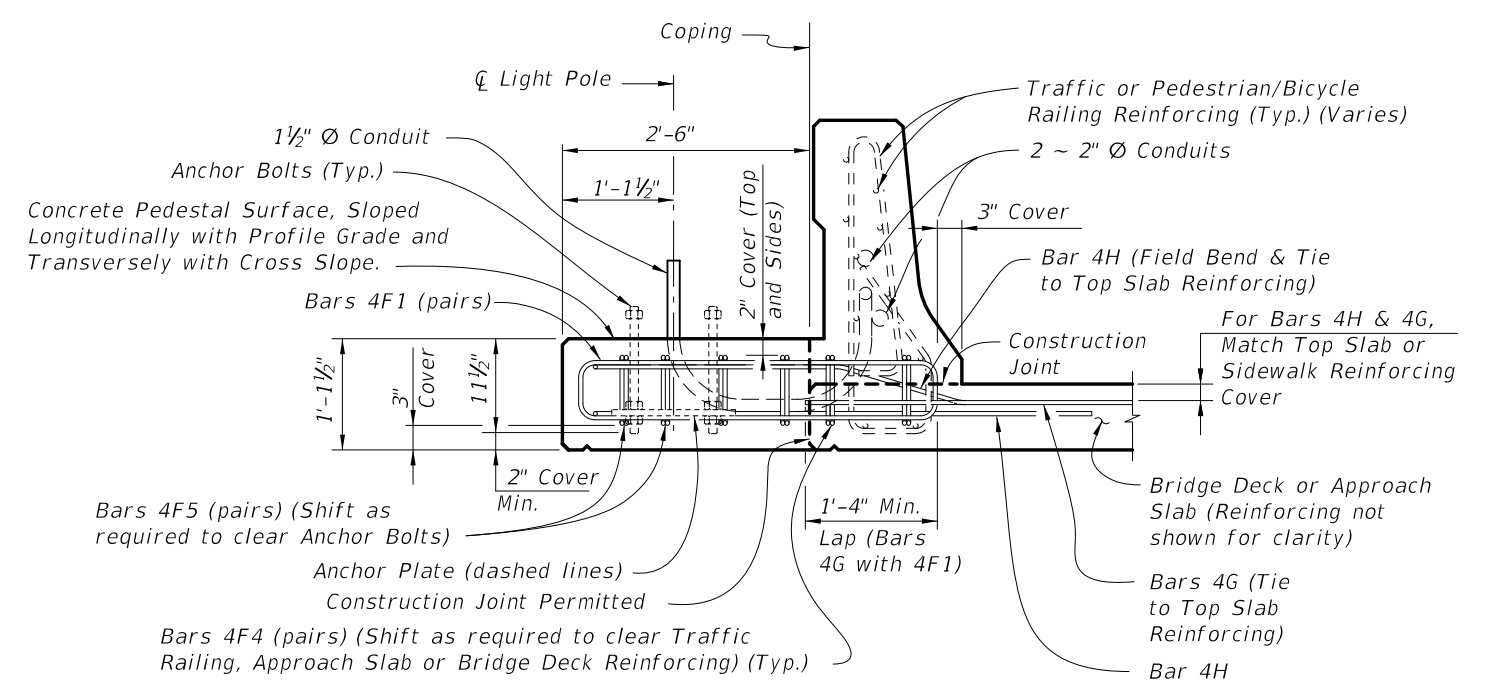


* Slip Forming Method of Construction requires the Engineer's approval within the limits shown.
 ** For Index No. 820 - Pedestrian/Bicycle Railing, this dimension is 3 1/2". For all other Railings, this dimension is 1'-0" Max.
 *** Anchor Bolt pattern orientation shall be as shown.

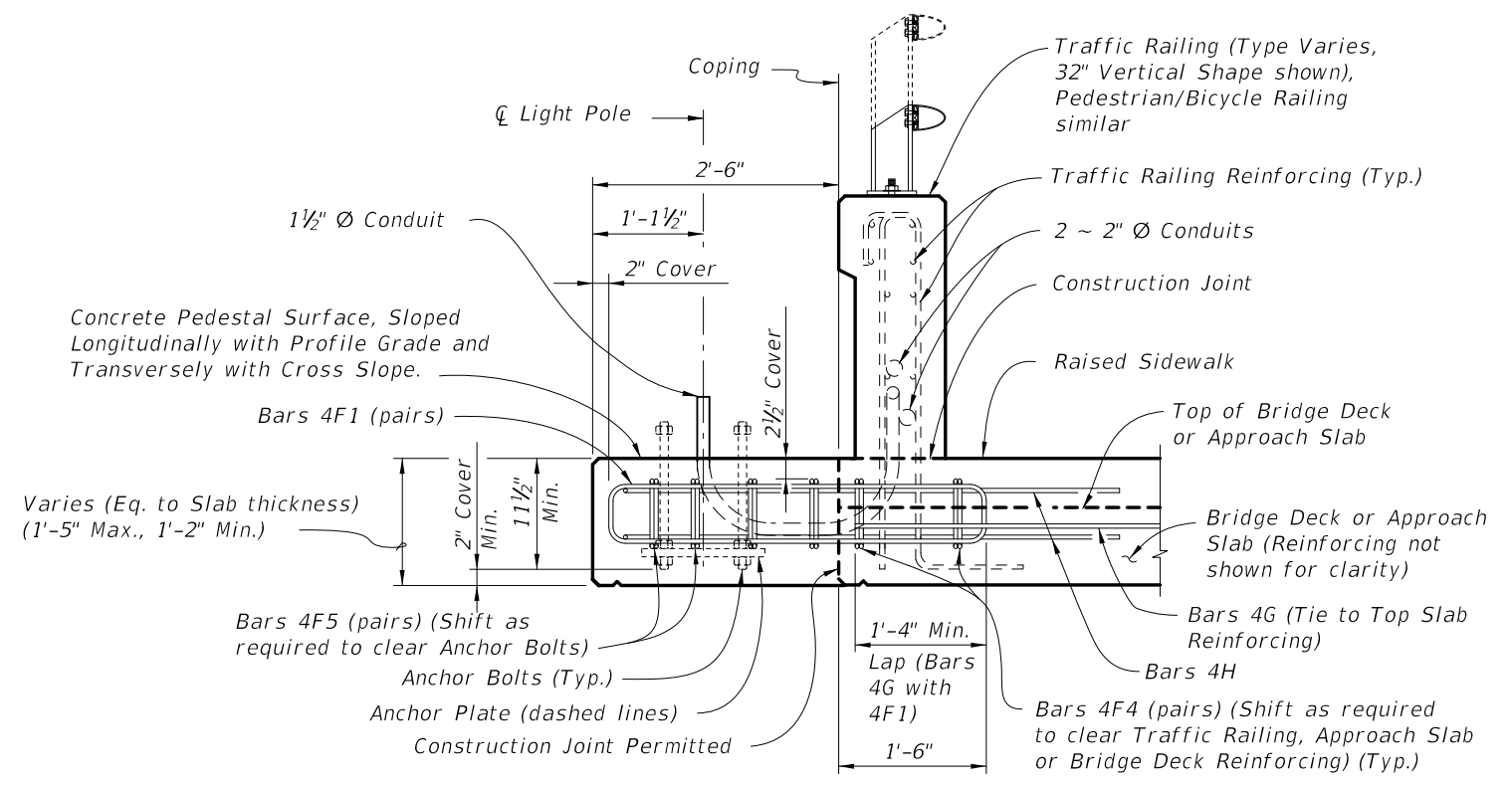
PLAN VIEW



ELEVATION VIEW



TYPICAL SECTION AT LIGHT POLE PEDESTAL FOR APPROACH SLAB OR BRIDGE DECK THICKNESS LESS THAN 1'-1 1/2" AT COPING

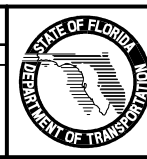


TYPICAL SECTION AT LIGHT POLE PEDESTAL FOR APPROACH SLAB OR BRIDGE THICKNESS LESS THAN 1'-5 1/2" AT COPING

CROSS REFERENCE:
 For Detail "A", Anchor Plate Detail and Light Pole Pedestal Notes, see Sheet 3.
 NOTE: Anchor Bolt, Nuts, Washers and Anchor Plate are dashed for clarity.

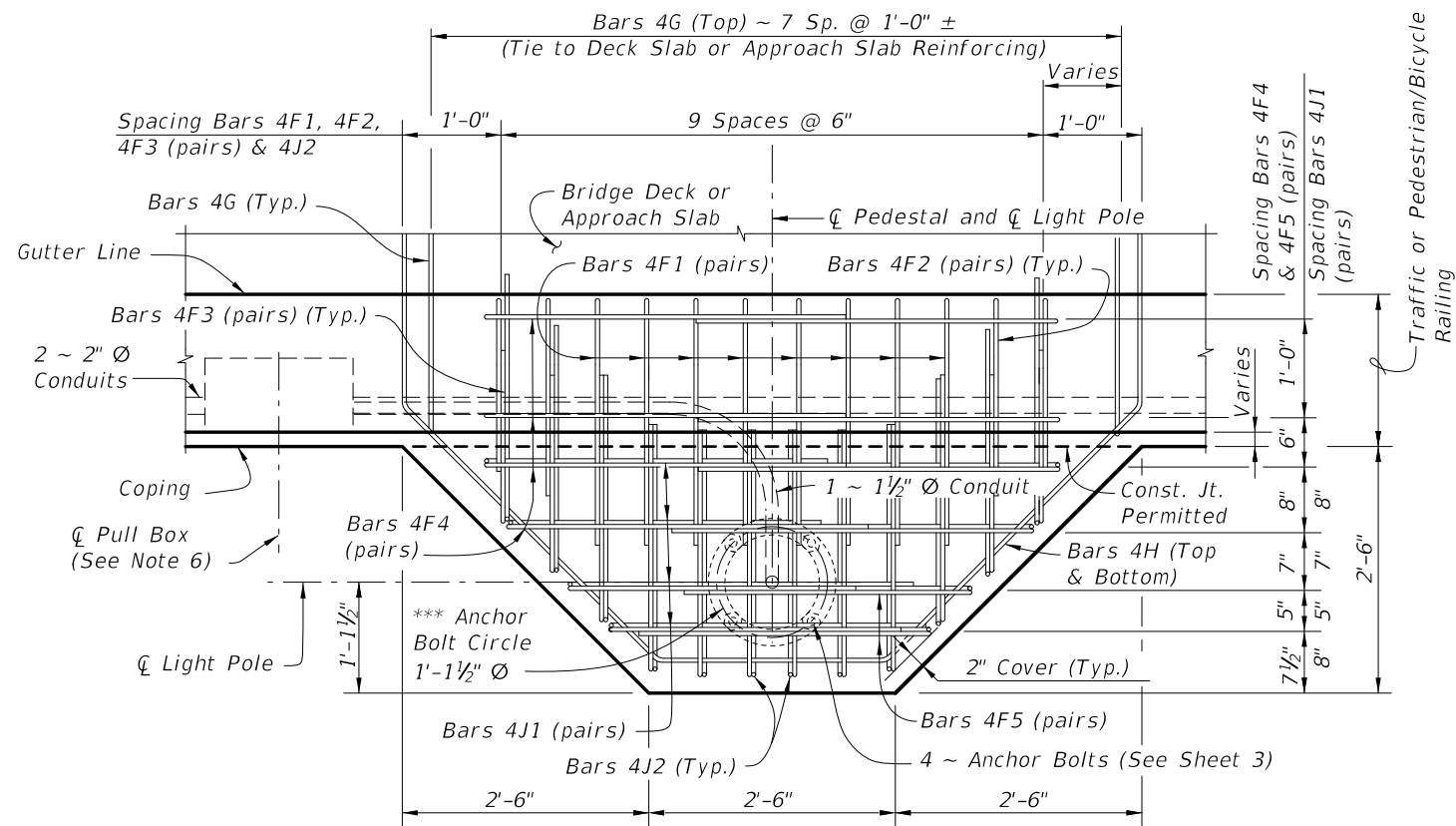
== LIGHT POLE PEDESTAL FOR APPROACH SLAB OR BRIDGE DECK THICKNESS LESS THAN 1'-5 1/2" AT COPING ==

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/10	SJN	Revised Typical Sections and "S" Slip Form Note. Deleted 1" Ø Weep Hole (PVC Conduit), Anchor Bolt size, 2 ~ Bars 4F4, and Bars 4G in bottom of deck slab. Changed spacing of Bars 4F. Added Lap Length for Bars 4G with 4F1.	01/01/11	GJM	Changed "Pilaster" to "Pedestal".



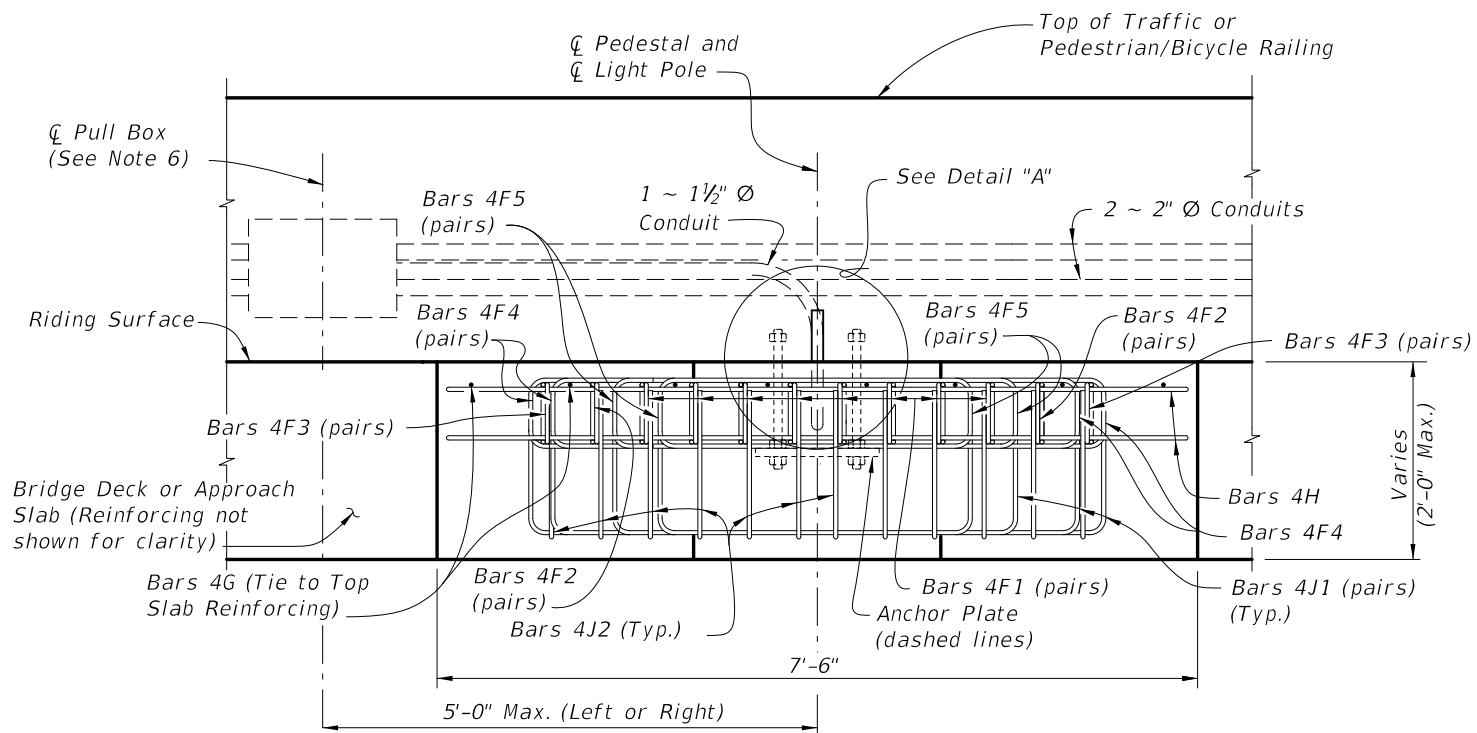
2010 Interim Design Standard
LIGHT POLE PEDESTAL

Interim Date	Sheet No.
01/01/11	1 of 3
Index No.	
21200	

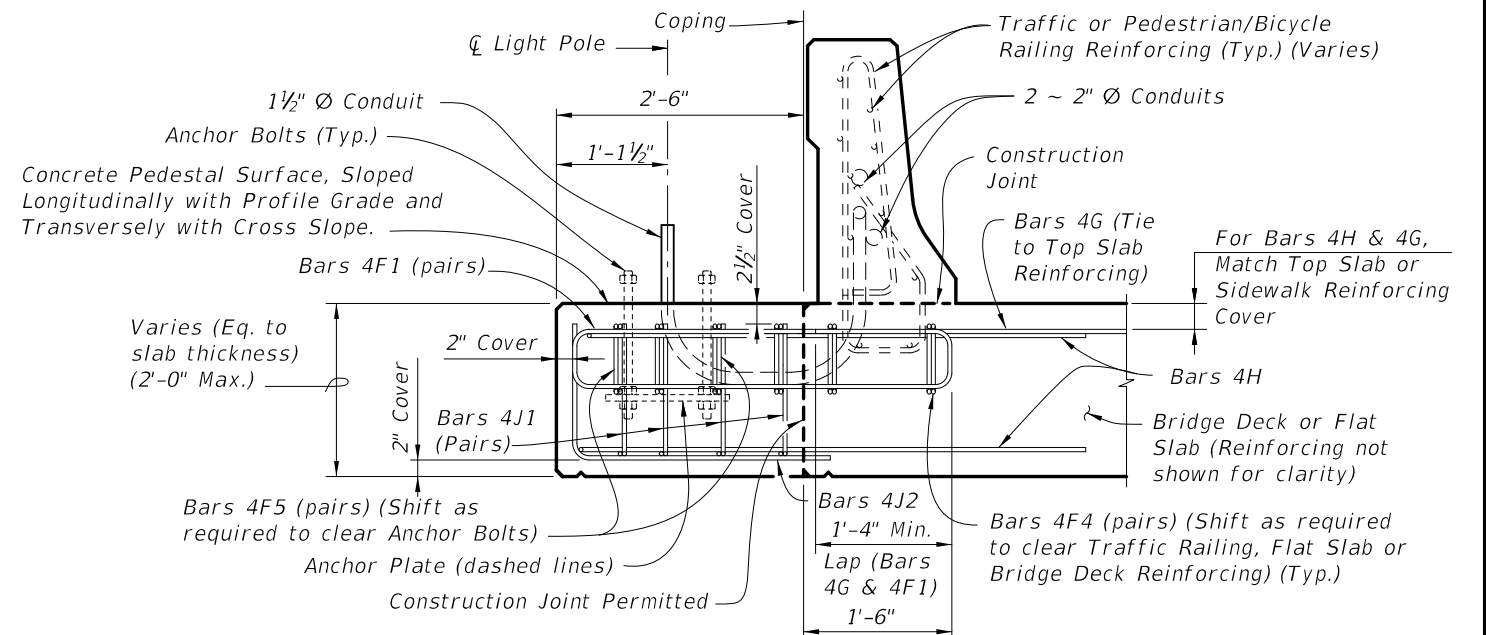


*** Anchor Bolt pattern orientation shall be as shown.

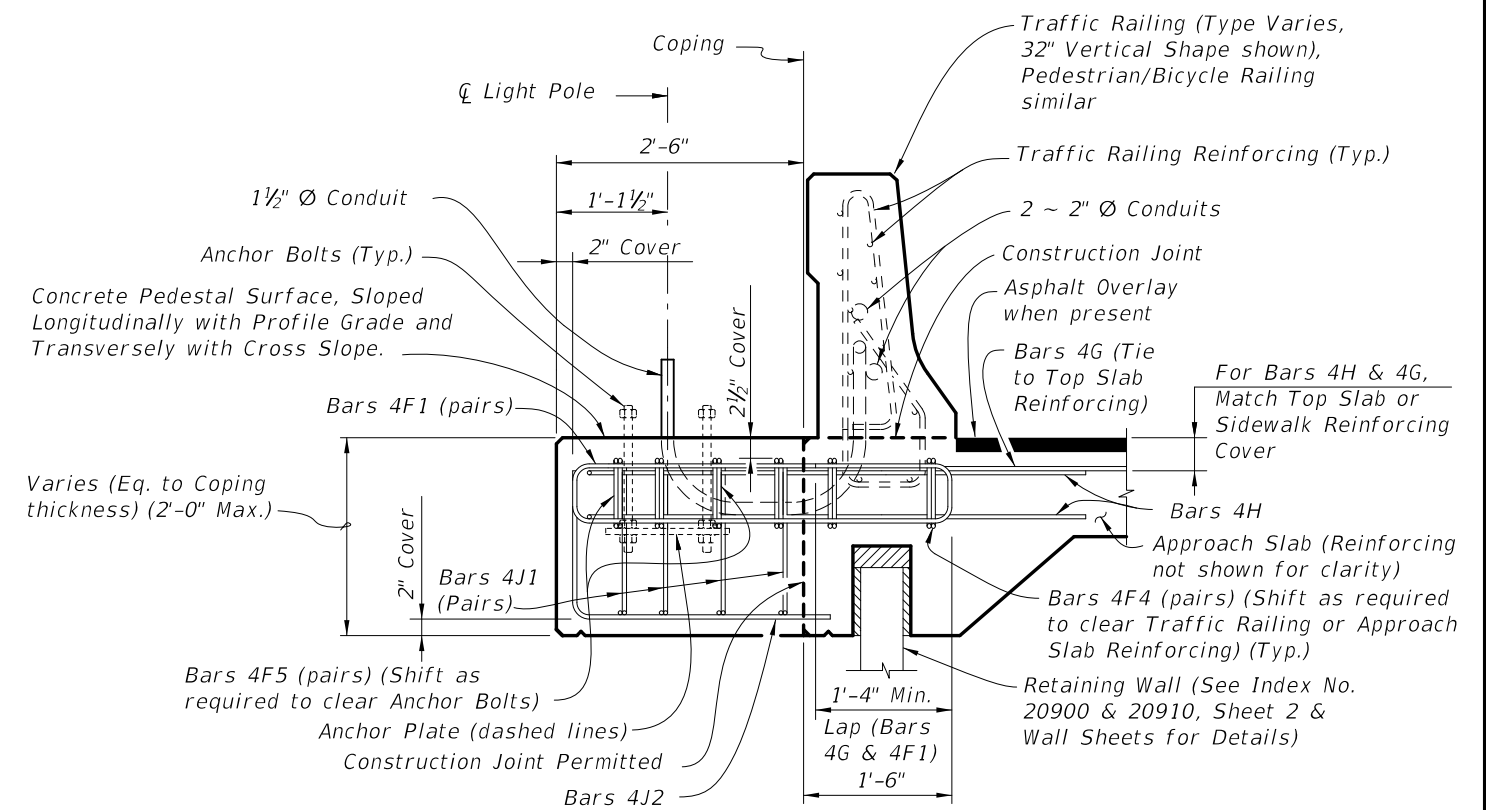
PLAN VIEW



ELEVATION VIEW



TYPICAL SECTION AT LIGHT POLE PEDESTAL FOR FLAT SLAB OR BRIDGE DECK THICKNESS AT COPING 1'-5 1/2" OR GREATER



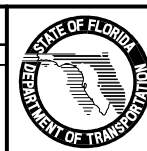
TYPICAL SECTION AT LIGHT POLE PEDESTAL FOR APPROACH SLAB ON RETAINING WALL

CROSS REFERENCE:
For Detail "A", Anchor Plate Detail and Light Pole Pedestal Notes, see Sheet 3.

NOTE: Anchor Bolt, Nuts, Washers and Anchor Plate are dashed for clarity.

==== LIGHT POLE PEDESTAL FOR APPROACH SLAB OR BRIDGE DECK THICKNESS AT COPING 1'-5 1/2" OR GREATER ====

DATE		BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/10		SJM	New Sheet Added			
01/01/11		GJM	Changed "Pilaster" to "Pedestal"			



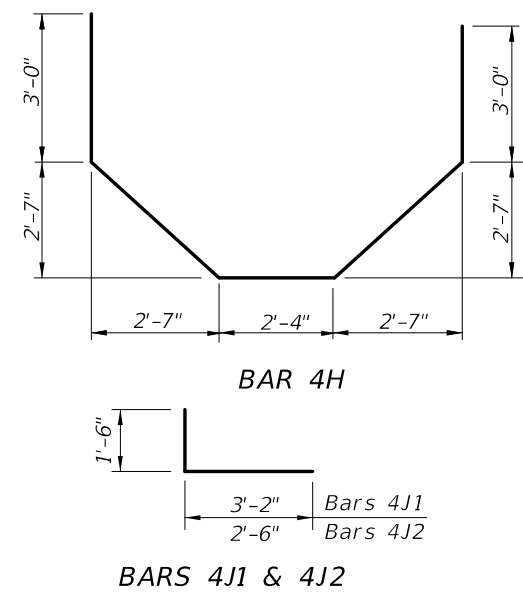
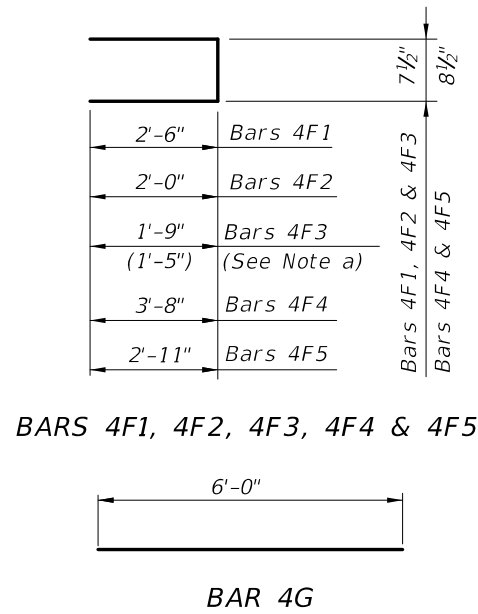
2010 Interim Design Standard

LIGHT POLE PEDESTAL

Interim Date	Sheet No.
01/01/11	2 of 3
Index No.	
21200	

CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS

- a. W_h and the Bridge Deck or Approach Slab thickness is less than $1'-1\frac{1}{2}"$, Bars 4F3 shall have leg length and bar length shown in parentheses.
- b. The number of bars shown in parentheses is for Bars 4F4 when Pedestal is attached to Pedestrian/Bicycle Railing - Index No. 820, and the Bridge Deck or Approach Slab thickness is less than $1'-1\frac{1}{2}"$.
- c. Lap Splices for Bars 4F1, 4F2 & 4F3 shall be a minimum of $1'-4"$. Lap Splices for Bars 4F4 & 4F5 shall be minimum of $1'-8"$.
- d. Bars 4J1 and 4J2 are not required when Pedestal thickness is less than $1'-5\frac{1}{2}"$. Field trim height of bars to maintain cover when Pedestal thickness is less than $2'-0"$. Field trim length of Bars 4J2 on Retaining Wall Coping to maintain cover.
- e. All bar dimensions in the bending diagrams are out to out.



BILL OF REINFORCING STEEL				
MARK	SIZE	NO. REQD.	LENGTH	NOTES
F1	4	16	5'-8"	c
F2	4	4	4'-8"	c
F3	4	4	4'-2" (3'-6")	a, c
F4	4	8 (6)	8'-3"	b, c
F5	4	4	6'-7"	c
G	4	8	6'-0"	-
H	4	2	15'-8"	-
J1	4	8	4'-8"	d
J2	4	12	4'-0"	d

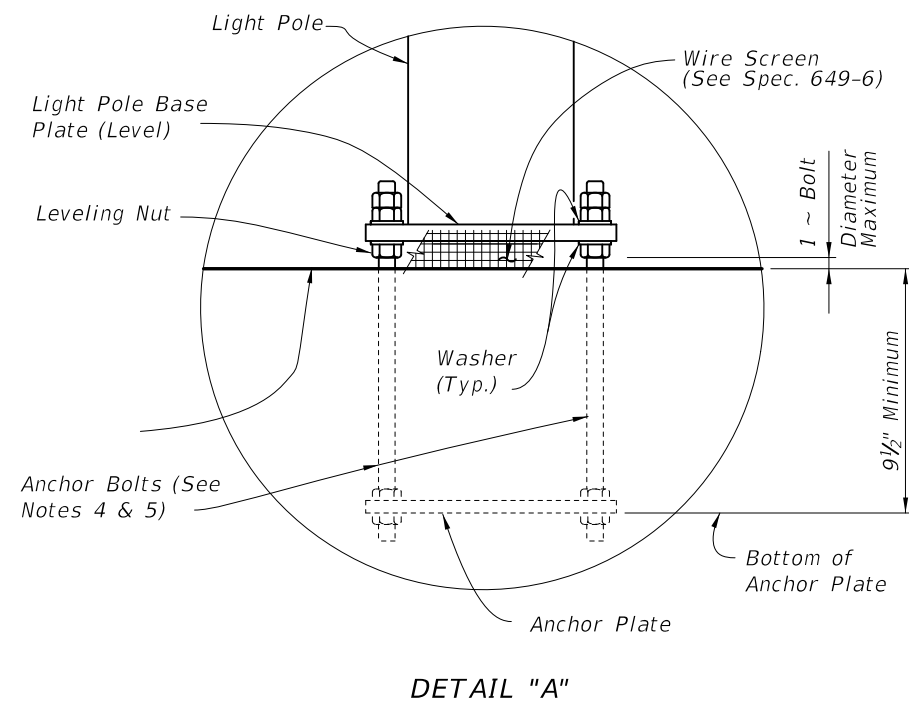
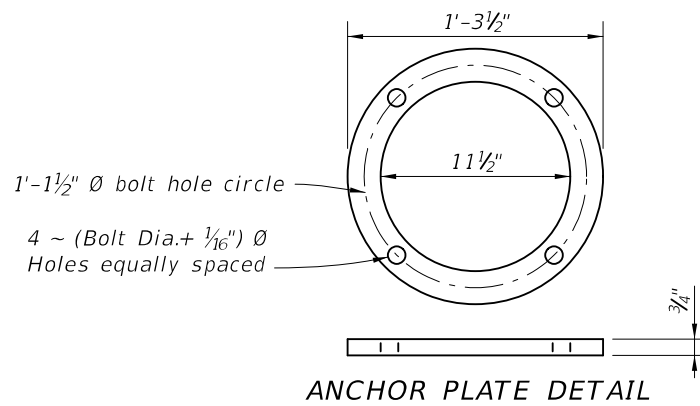


TABLE 1 - DESIGN LIMITATIONS FOR 1" \varnothing ANCHOR BOLTS (LOAD CASE 1)

WIND SPEED (MPH)	ARM LENGTH (Ft.)	BRIDGE DECK HEIGHT (Ft.)*		
		DESIGN MOUNTING HEIGHT 40 Ft.	45 Ft.	50 Ft.
110	≤ 15	75	75	75
130	8 & 10	75	75	75
130	12	75	75	70
130	15	75	75	40
150	8	75	75	10
150	10	75	50	n/a
150	12	75	45	n/a
150	15	75	30	n/a

* Above natural ground or MLW.

ITEM	UNIT	QUANTITY
	CY/In.	0.040
Reinforcing Steel	Lb.	195 (182)

CROSS REFERENCE:
For location of Detail "A" see Sheets 1 and 2.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/11	GJM	Deleted "INSTRUCTION TO DESIGNERS" note; Changed "Pilaster" to "Pedestal".			