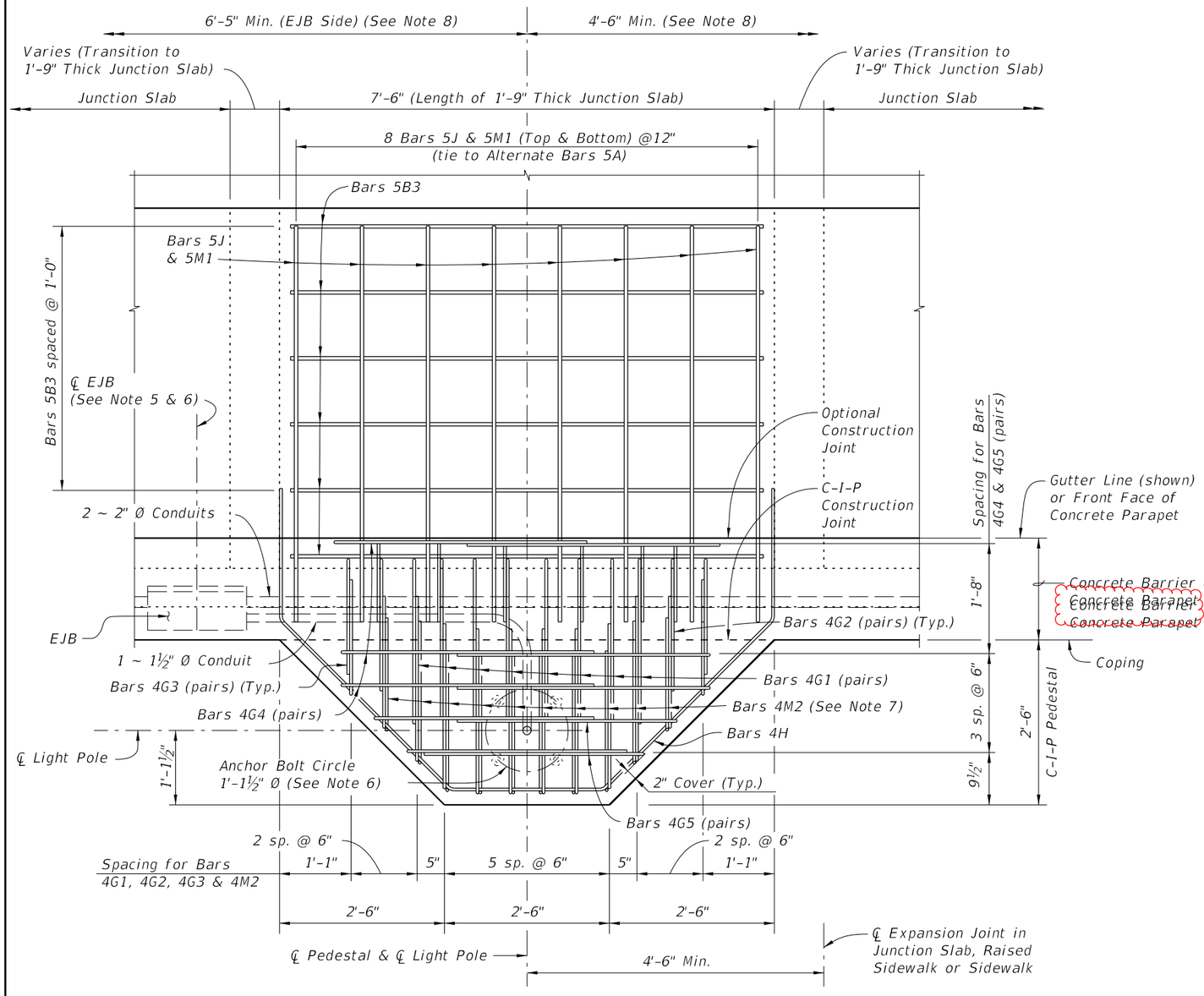

Corrected Callout

PLAN VIEW
(Junction Slab reinforcing not shown for clarity)
(Junction Slab Shown, Raised Sidewalk or Sidewalk Similar)

LIGHT POLE PEDESTAL NOTES:

1. *ANCHOR BOLTS:*
   Anchor Bolt design is based on the standard Roadway Aluminum Light Pole configurations shown on Index 715-002 with top of pedestal 75' or less above ground or MLW.
   Anchor Bolt Diameter: See Table 1
2. *MATERIALS:*
   Anchor Bolts: ASTM F1554 Grade 55.
   Nuts: ASTM A563 Grade A, Heavy-Hex.
   Washers: ASTM F436 Type 1.
   Anchor Plate: ASTM A709 (Grade 36) or ASTM A36.
   Coating: Galvanize all Nuts, Bolts Washers, and plates in accordance with ASTM F2329.
3. *The Contractor is responsible for ensuring the anchor bolt design is compatible with the light pole base plate. Modifications to the anchor bolt design shown must be signed and sealed by the Contractor's Specialty Engineer and submitted to the Engineer for approval prior to construction.*
4. *Install Anchor Bolts plumb.*
5. *For conduit, EJB and expansion/deflection fitting details, see Utility Conduit Detail Drawings and Index 630-010.*
6. *The cost of anchor bolts, nuts, washers and anchor plates will be included in the Bid Price for Light Poles. Include the cost of all labor, concrete and reinforcing steel required for construction of the pedestals, and miscellaneous hardware required for the completion of the electrical system in the Bid Price for either the Concrete Barrier or Concrete Parapet that the pedestal is behind.*
7. *Field Cut Bars 4M2 as required to maintain clearance.*
8. *Slip Forming Method of construction requires the Engineer's approval within the limits shown.*
9. *Reinforcing shown for light pole pedestals is in addition to typical reinforcing for Junction Slabs and Raised Sidewalks.*
10. *Work this Index with the following as appropriate:*
    Index 521-512
    Index 521-610
    Index 521-620
    Index 521-630
11. *Pedestal may be precast in one section with Coping. Minimum Precast Coping section length is 10 ft. or 12 ft for combination Precast Concrete Barrier and Coping section.*
12. *For Estimated Quantities, see Sheet 3.*
13. *Unless otherwise noted, Concrete Barrier (36" Single-Slope) is shown in all Views and Sections. The Pedestal details for other Concrete Barriers or pedestrian/bicycle railings are similar.*

TABLE 1 DESIGN LIMITATION FOR ANCHOR BOLTS (1" Dia.)

Wind Speed (MPH)	Arm Length (FT)	BASE OF POLE HEIGHT*		
		40 ft.	45 ft.	50 ft.
120	ALL	75	75	75
140	ALL	75	75	75
160	8 & 10	75	75	45**
160	12 & 15	75	75	25*

Correct asterisk (Double)

**

** Above Natural Ground*

*** Use 1¼" Ø Anchor bolts for wall heights greater than the height shown and less than 75'.*

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LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	LIGHT POLE PEDESTAL - WALL COPING	INDEX	SHEET
11/01/21						521-650	1 of 3