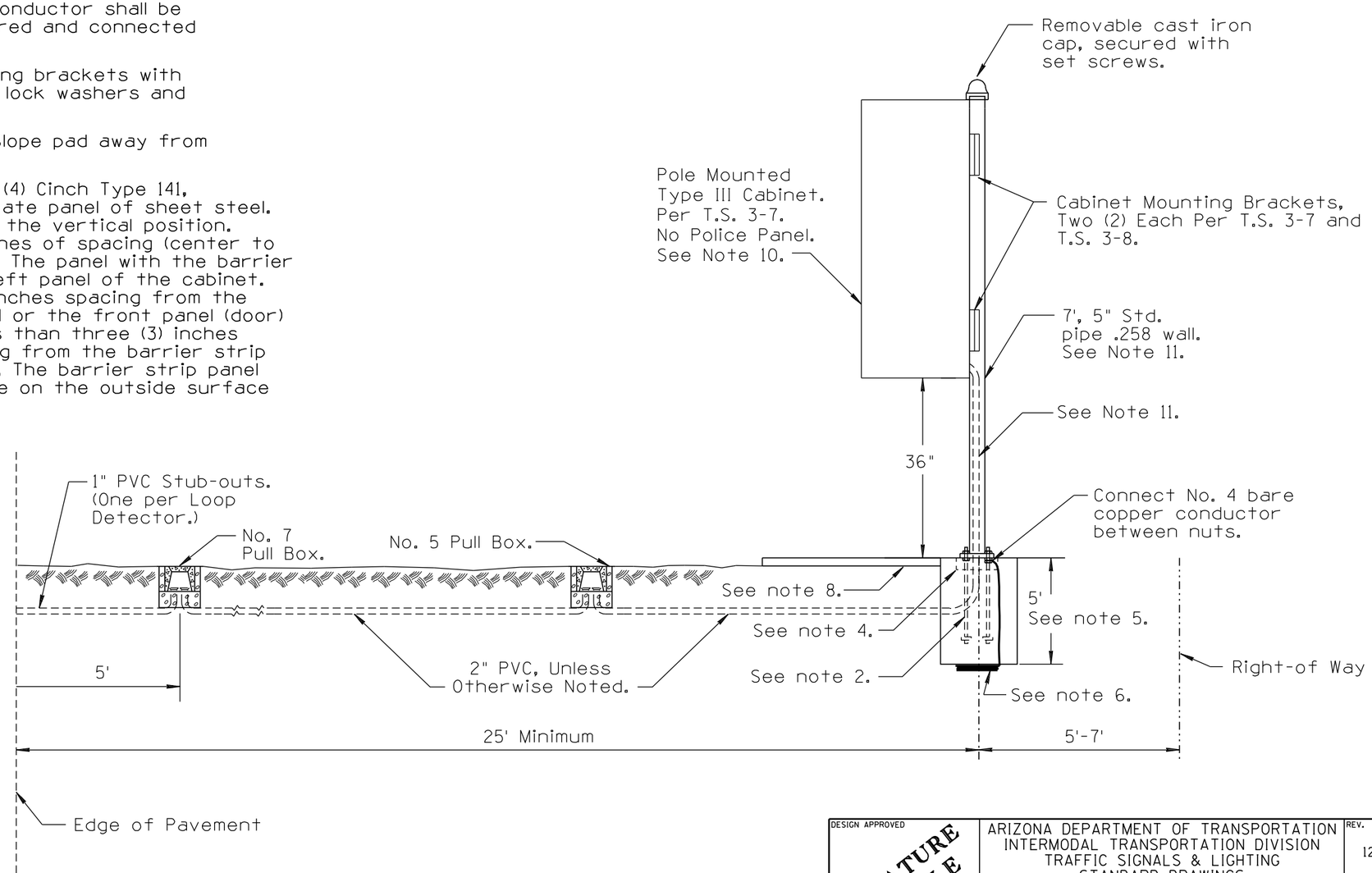
NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	UPDATED FOR RE-ISSUE	J. GEIST	9/08
2	REORGANIZED THE SHEETS IN THIS SERIES	J. GEIST	12/08
3			
4			

NOTES:

1. All materials and construction shall conform to the requirements of the Standard Specifications.
2. Anchor bolts shall be 1" x 36", with two hex nuts and two flat washers per bolt.
3. Anchor bolts shall project 2¾" above the foundation.
4. Block out for leveling nuts.
5. Unstable soil may require deeper foundation. See Standard Specifications. Concrete shall be CLASS "S" (3000 psi).
6. A 25' coil of No. 4 AWG bare copper conductor shall be installed before the concrete is poured and connected to an anchor bolt.
7. Cabinet shall be bolted to the mounting brackets with 4 - ⅜" x 1¼" x 16 grade 8 bolts with lock washers and oversized fender washers.
8. Install a PCC pad, 3' x 3' x 3" deep. Slope pad away from foundation.
9. For the Type III cabinet, install four (4) Cinch Type 141, 10 terminal barrier blocks to a separate panel of sheet steel. The barrier blocks will be mounted in the vertical position. There will be no less than two (2) inches of spacing (center to center) between the barrier blocks. The panel with the barrier blocks will be mounted to the lower left panel of the cabinet. There will be no less than three (3) inches spacing from the barrier strip edge to the back panel or the front panel (door) of the cabinet. There will be no less than three (3) inches (or more than four (4) inches) spacing from the barrier strip edge and the bottom of the cabinet. The barrier strip panel mounting hardware shall not be visible on the outside surface of the cabinet.
10. Pole base plate and anchor bolts shall be per T.S. 4-1 and 4-23, Type A pole.
11. Conduit shall run from the base through the inside of the Type A pole and terminate through a installed hole from the pole into the cabinet.



SHEET 3 OF 3
NOT TO SCALE

DESIGN APPROVED SIGNATURE ON FILE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS & LIGHTING STANDARD DRAWINGS	REV. 12/08
APPROVED FOR DISTRIBUTION	PIEZOELECTRIC WEIGHT SENSOR AND LOOP LANE LAYOUT	DRAWING NO. T.S. 7-10