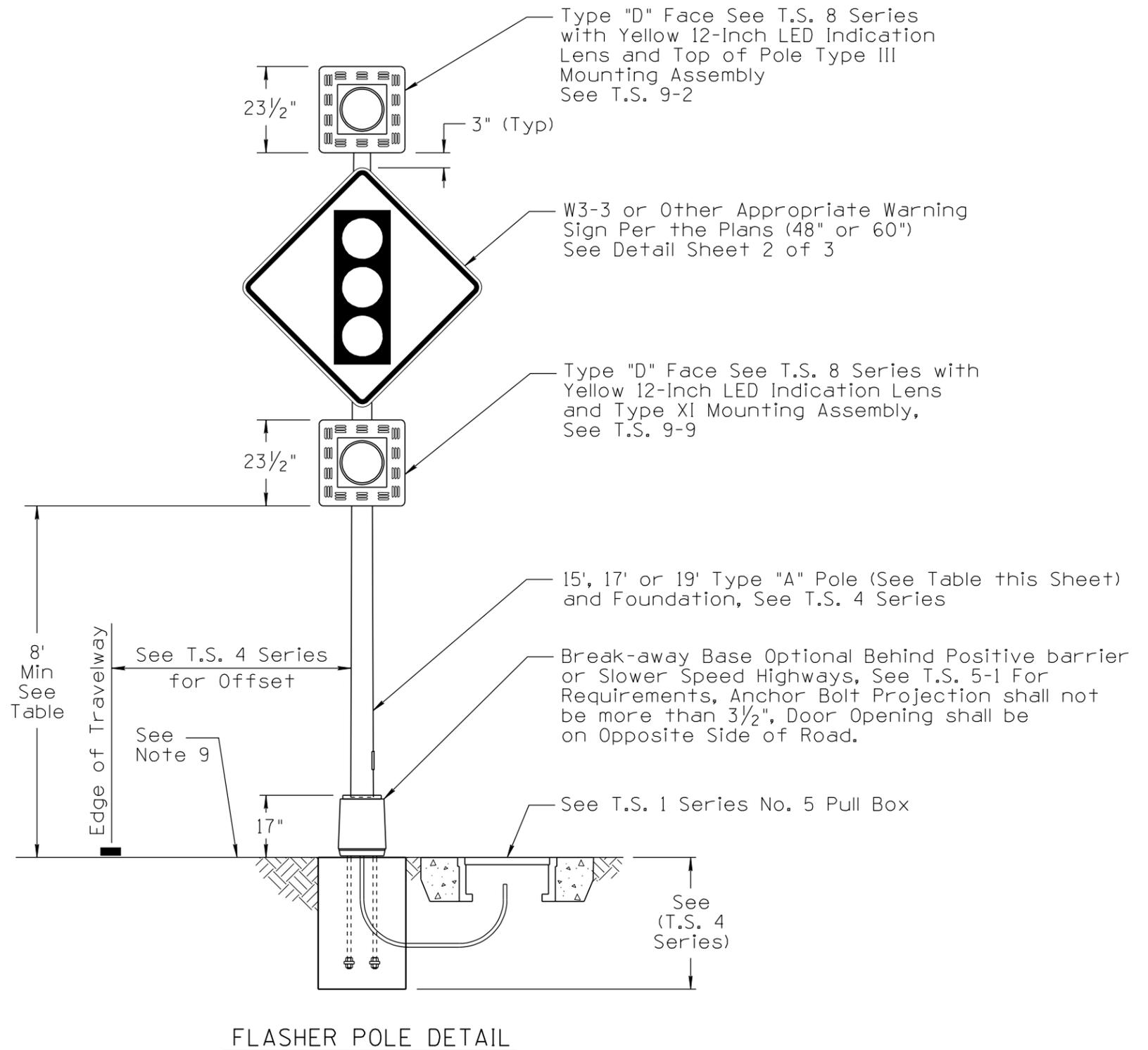


DATE: 03/10
 MADE BY: C. COLE
 NO. 3, 4
 DESCRIPTION OF REVISIONS
 1 2010 EDITION

NOTES:

1. See Specifications for materials and construction.
2. Detail shows, basic arrangement that include utility AC power. Solar charge battery system require a project specific design
3. Each upper sign stringer shall be a 1 1/2" x 1 1/2" perforated tube and welded to the steel clamp.
4. Each lower sign stringer shall be a 1 3/4" x 1 3/4" perforated tube, and attached to the upper stringer using a 3/8" diameter hex bolt with two 1" diameter x 1/32" thick washers and two hex nuts. Bolts shall be located near each end of the lower stringer.
5. Each clamp shall consist of smooth steel 3/8" thick x 1 1/2" wide, with a 5" nominal inside diameter. The Engineer may require clamps with different diameters if a 5" diameter clamp will not adequately attach to a pole.
6. Each clamp shall be tightened by two 3/4" x 3" hex bolts with 1 1/2" threads and a single 1" hex nut on each side. These bolts shall meet the requirements of ASTM A-325 and shall be galvanized in accordance with Sub-Section 607-2.02 of the Standard Specifications.
7. Each horizontal and vertical bolt through a stringer shall be 3/8" diameter with two 1" diameter x 1/32" thick washers, (one on each side of the stringer), and double nutted. The hardware shall be installed to avoid overlapping any legend on the sign.
8. All bolts, nuts and washers shall be stainless steel or galvanized cadmium plated.
9. Finish grade around poles with break-away base shall be kept as flat as possible. The slope rate is to be maximum 6 to 1 with no projections above 4" within 3' area around the foundation edge, see T.S. 4 Series for requirements.

Minimum A Pole Height Requirements for 8; Min Clearance		
ATTRIBUTE	4' X 4' SIGN	5'X5' SIGN
A Pole Without Base	17'	19'
A Pole With Base	15'	17'



FLASHER POLE DETAIL

←→
PLAN SYMBOL

NOT TO SCALE

DESIGN APPROVED SIGNATURE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION ON FILE	ADVANCE WARNING FLASHER POLE DETAIL	DRAWING NO. T.S. 12-1
		SHEET NO. 1 OF 3