

85W. Inductive Fluorescent sign lighting fixture with up light shield, see Standard Specifications.  
 (NOTE: 2 luminaires for S.B. sign and 2 luminaires for N.B. sign. Alternate circuit numbers for each sign. I.E.-S.B. sign has circuit #1 feeding one luminaire and circuit #2 feeding one luminaire.

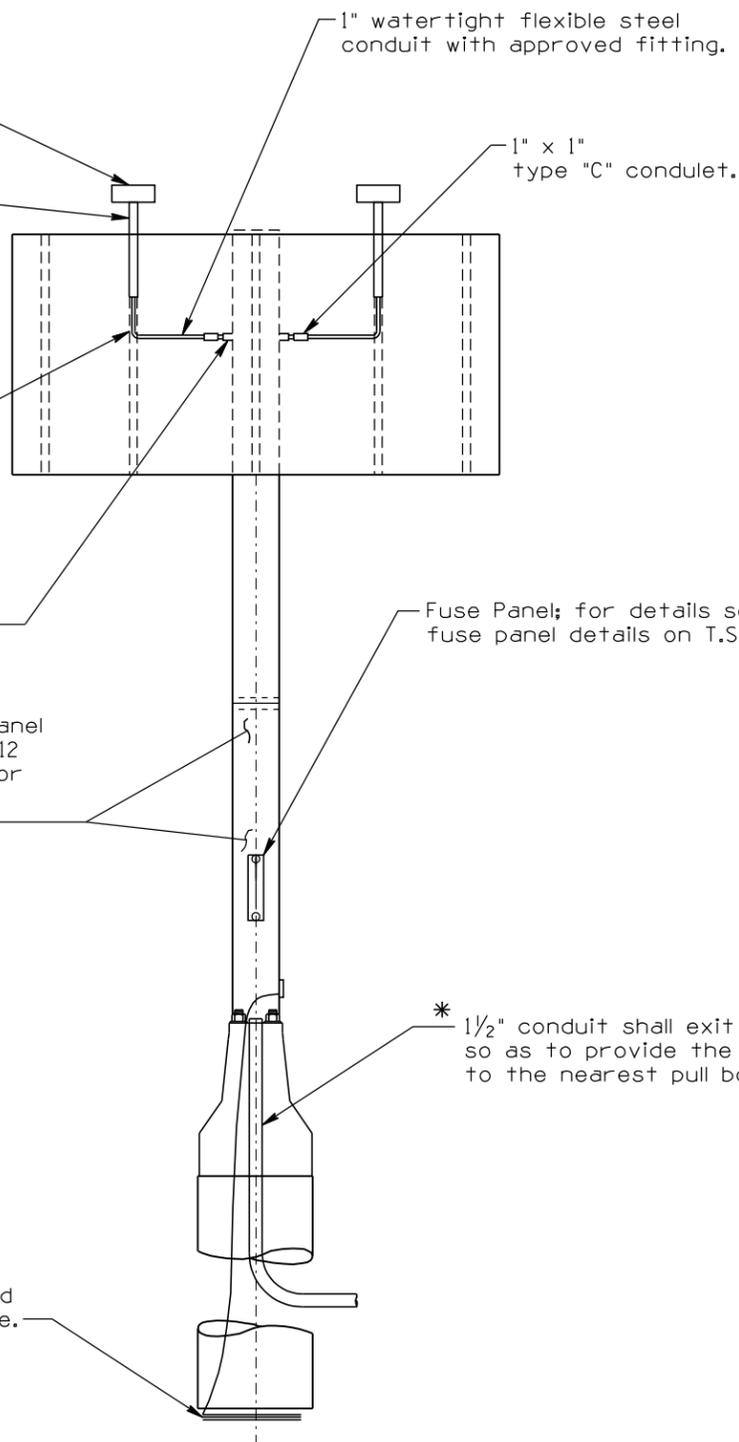
Sign lighting mount, for details and attachment see ADOT Structures Section Standard drawings SD 9.01 and SD 9.02 series.

Attach sign lighting mount to vertical sign mounting bracket, located at the center of the sign panel. See note 1 this sheet.

\* 1" standard pipe coupling welded in sign structure pipe for each sign lighting fixture (Typ.).

Conductors extending from the fuse panel to each fixture shall be as follows: 2-#12 THW for 480V. circuits, and 2-#10 THW for 240V. circuits, also 1-#8 insulated Green bond to each fixture.

\* A 25' coil of No.4 AWG bare copper conductor shall be installed before the concrete is poured and shall be connected to the pole ground screw in the hand hole.



**NOTES:**

1. In the event a vertical sign mounting bracket is not located where the luminaire is to be located then the contractor shall furnish and install a vertical sign mounting bracket. For details see Structures Section Tubular Sign Connection Detail sheets SD 9.01 and SD 9.02 series.
2. The sign lighting mount and all attached components shall be fully galvanized in accordance with ASTM-A-123. Any damage to the galvanizing during construction shall be refinished in accordance with section 610-3.06 of the Standard Specifications.
3. When the project plans require two or more sign lighting fixtures per sign panel, the sign lighting mounts shall be attached to the vertical sign mounting brackets. If required, the contractor shall furnish and install vertical sign mounting brackets. The pipe coupling, conduit and fittings shall also be located near the sign mounting brackets. For details see Structures Section Tubular Sign Connection Detail sheets SD 9.01 and SD 9.02 series.
4. Items marked with an asterisk (\*) shall be installed at all sign locations. All other items shall be installed as called for on plans.

DESIGN APPROVED	<b>SIGNATURE</b>	ARIZONA DEPT. OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS & LIGHTING STANDARD DRAWINGS	REV. 11/04
APPROVED FOR DISTRIBUTION		<b>ON FILE</b>	DRAWING NO. SIGN LIGHTING DETAIL FOR MEDIAN MTG. SIGN T.S. 13-4