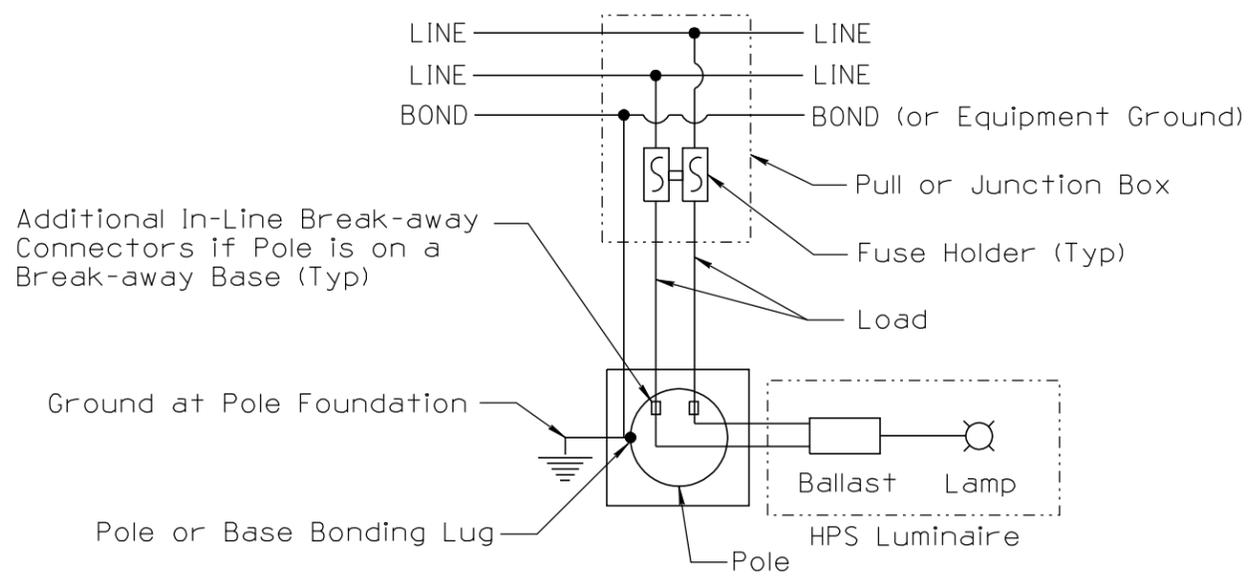
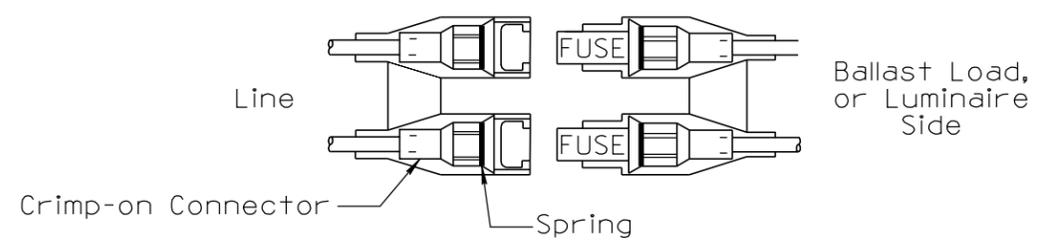


DATE: \_\_\_\_\_ MADE BY: \_\_\_\_\_ NO: 3 4 DATE: 03/10 09/11 MADE BY: C. COLE C. COLE DESCRIPTION OF REVISIONS: 1 2010 EDITION - DRAFTING CALLOUT REVISIONS. REVISED NOTES. 2 2011 EDITION - DRAFTING CALLOUT REVISIONS. REVISED NOTES.



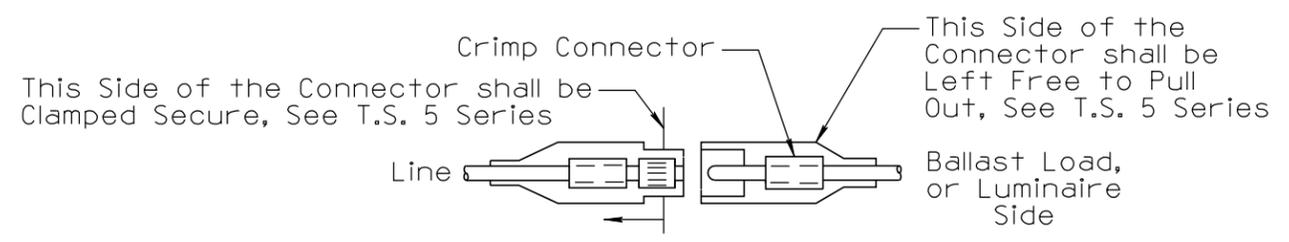
**WIRING DIAGRAM FOR TYPICAL ROADWAY SINGLE LUMINAIRE**

(240 Side of 120/240 Single Phase)  
(480 Side of 240/480 Single Phase)



**DOUBLE-POLE BREAKAWAY**

(In-Line Fuse Holder With Fuse)

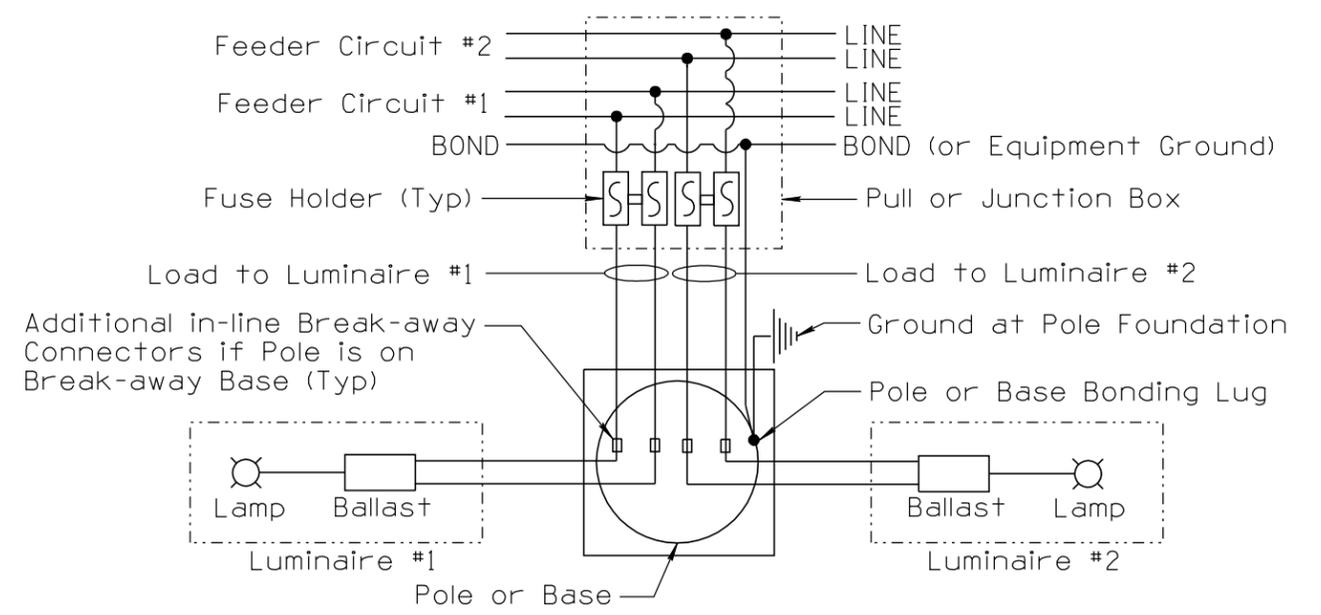


**IN-LINE BREAK-AWAY CONNECTOR**

(See Notes, configuration may vary from what is shown)

Nominal HPS Luminaire Wattage	Line Voltage		
	120	240	480
150	5	5	5
250	10	5	5
400	15	10	5

**IN-LINE UL CLASS/FUSE SIZE: CLASS CC OR 5AG MIDGET**



**WIRING DIAGRAM FOR TYPICAL ROADWAY DUAL LUMINAIRE**

(240 Side of 120/240 Single Phase)  
(480 Side of 240/480 Single Phase)

**NOTES CONTINUED:**

- This detail applies only to High-Pressure Sodium (HPS) horizontal, vertical, and high-mast mount luminaires that are on standard or break-away poles that do not have lowering devices, unless specified otherwise.
- The un-fused in-line connectors shall be used inside the break-away transformer base. See T.S. 5 Series for additional requirements.
- Fused and un-fused in-line connectors shall be approved, non-locking, made of a flexible material that is suitable for roadway lighting applications per the conditions present.
- Connectors, fuse holders, and fuses shall be approved.
- The in-line fuse shall be suitable as a supplementary over current protection device. It shall be a time-delay fuse that shall have a voltage rating of 600VAC. The interruption current rating shall be 100KA rms symmetrical minimum.
- Each individual luminaire on a single pole should be on separate feeder circuits. Each luminaire shall be individually fused.
- Additional in-line breakaway connections shall not be provided on standard base poles (non-break-away)
- Traffic signal poles within the clear zone on break-away bases shall be fused in similar fashion.

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 09/11
<b>SIGNATURE</b>		DRAWING NO. T.S. 1-4
APPROVED FOR DISTRIBUTION	<b>ON FILE</b>	SHEET NO. 2 OF 3