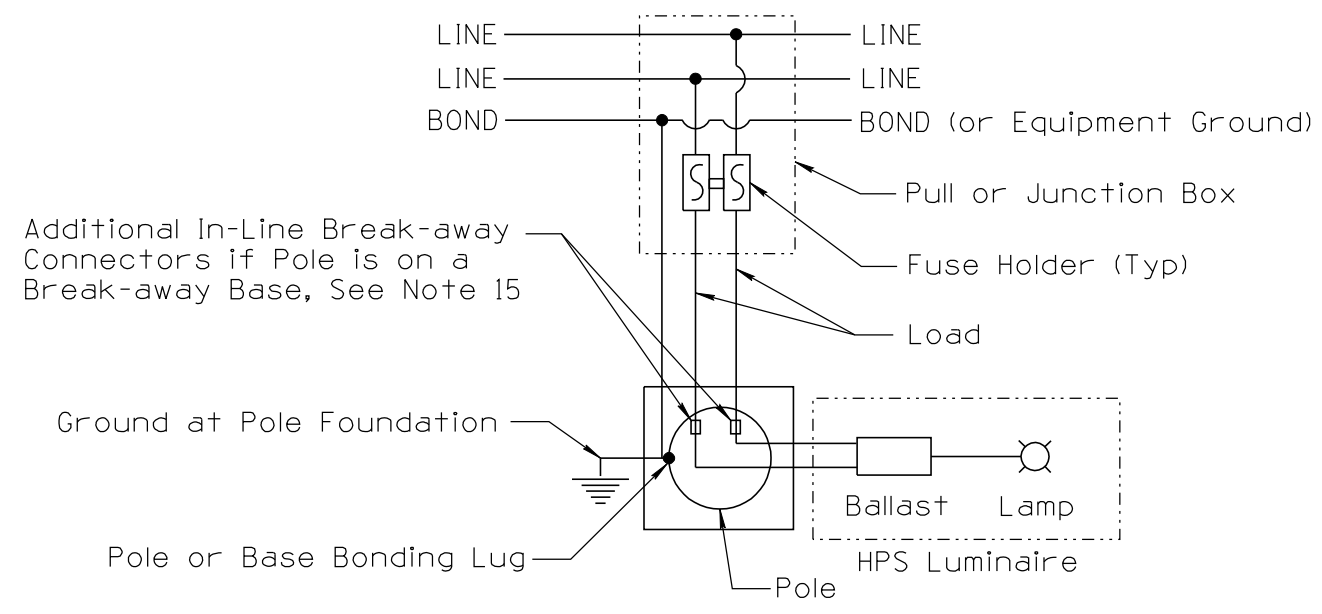
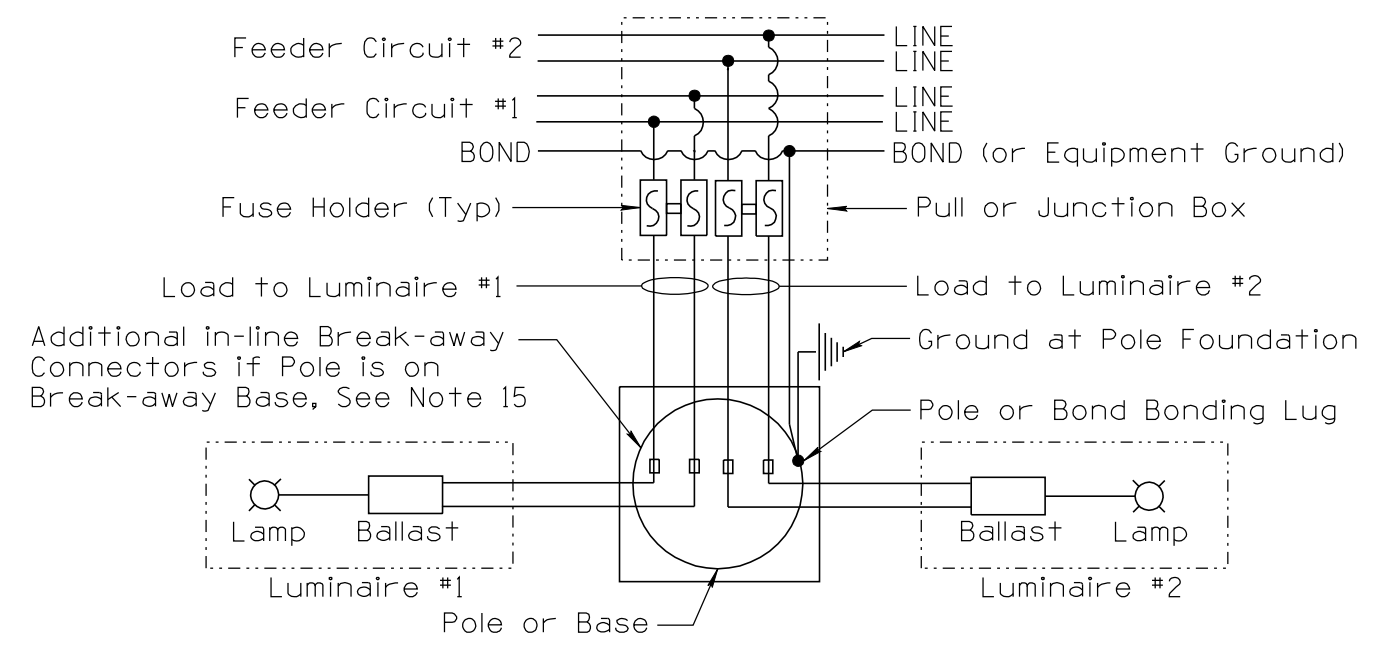


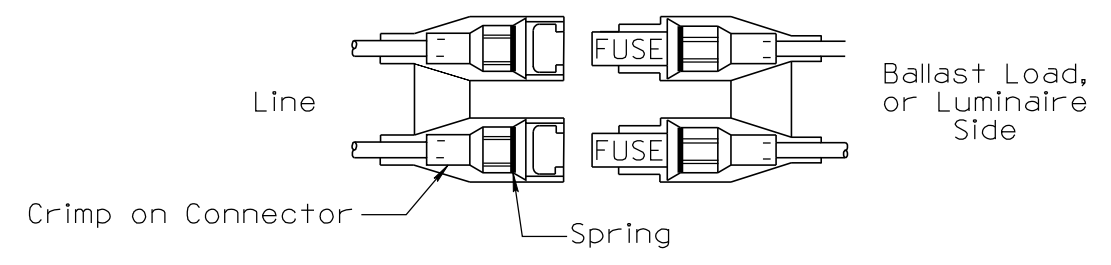
DATE: 03/10
 MADE BY: C. COLE
 NO: 3
 DATE: 03/10
 MADE BY: C. COLE
 NO: 4
 DESCRIPTION OF REVISIONS:
 1 2010 EDITION



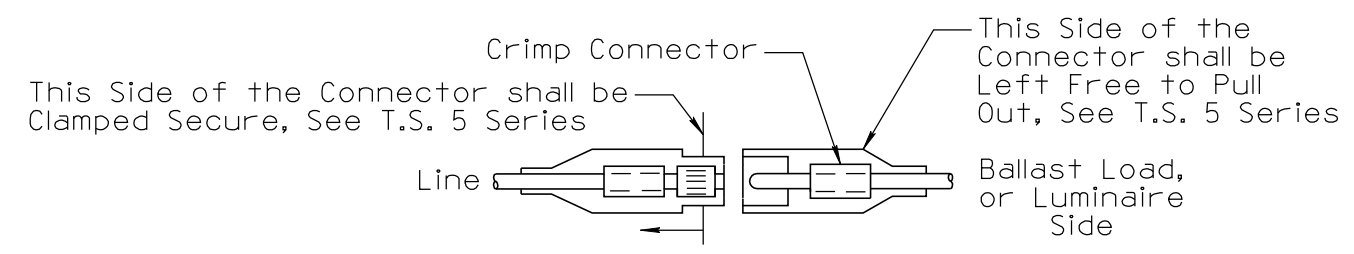
WIRING DIAGRAM FOR TYPICAL ROADWAY SINGLE LUMINAIRE
 (240 Side of 120/240 Single Phase)
 (480 Side of 240/480 Single Phase)



WIRING DIAGRAM FOR TYPICAL ROADWAY DUAL 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 BREAKAWAY CONNECTOR
 (See Notes 9-12, 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

NOTES CONTINUED:

9. This detail only applies 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.
10. The un-fused in-line connectors shall be used inside the break-away transformer base. See T.S. 5 Series for additional requirements.
11. 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.
12. Connectors, fuse holders and fuses shall be approved.
13. The in-line fuse shall be suitable as a supplementary over current protection device. They are to be a time delay fuses that have a voltage rating of 600VAC. The interruption current ratings shall be 100KA rms symmetrical minimum.
14. Each individual luminaire on a single pole should be on separate feeder circuits. Each luminaire shall be individually fused.
15. Additional in-line breakaway connections shall not be provided on standard base poles (non-break-away)
16. Traffic signal poles within the clear zone on break-away bases shall be fused in similar fashion.

NOT TO SCALE

DESIGN APPROVED ARCHIVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
	TYPICAL PULL BOX INSTALLATION AND WIRING DETAILS	DRAWING NO. T.S. 1-4
APPROVED FOR DISTRIBUTION		SHEET NO. 2 OF 3