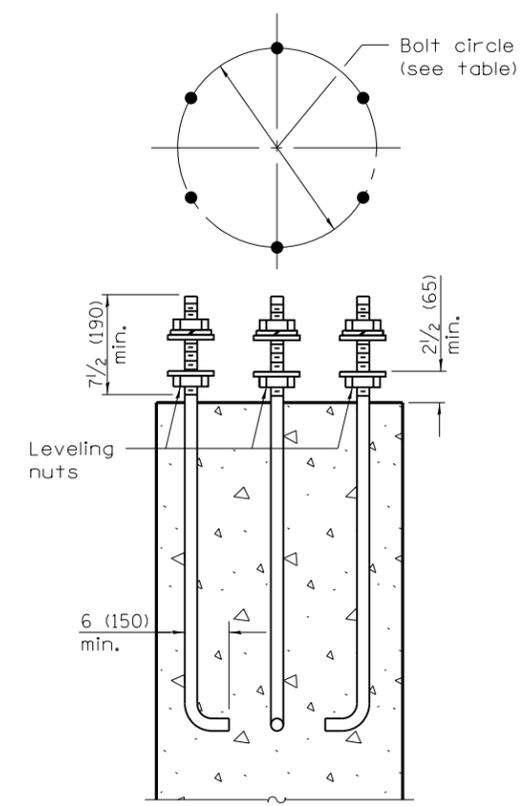
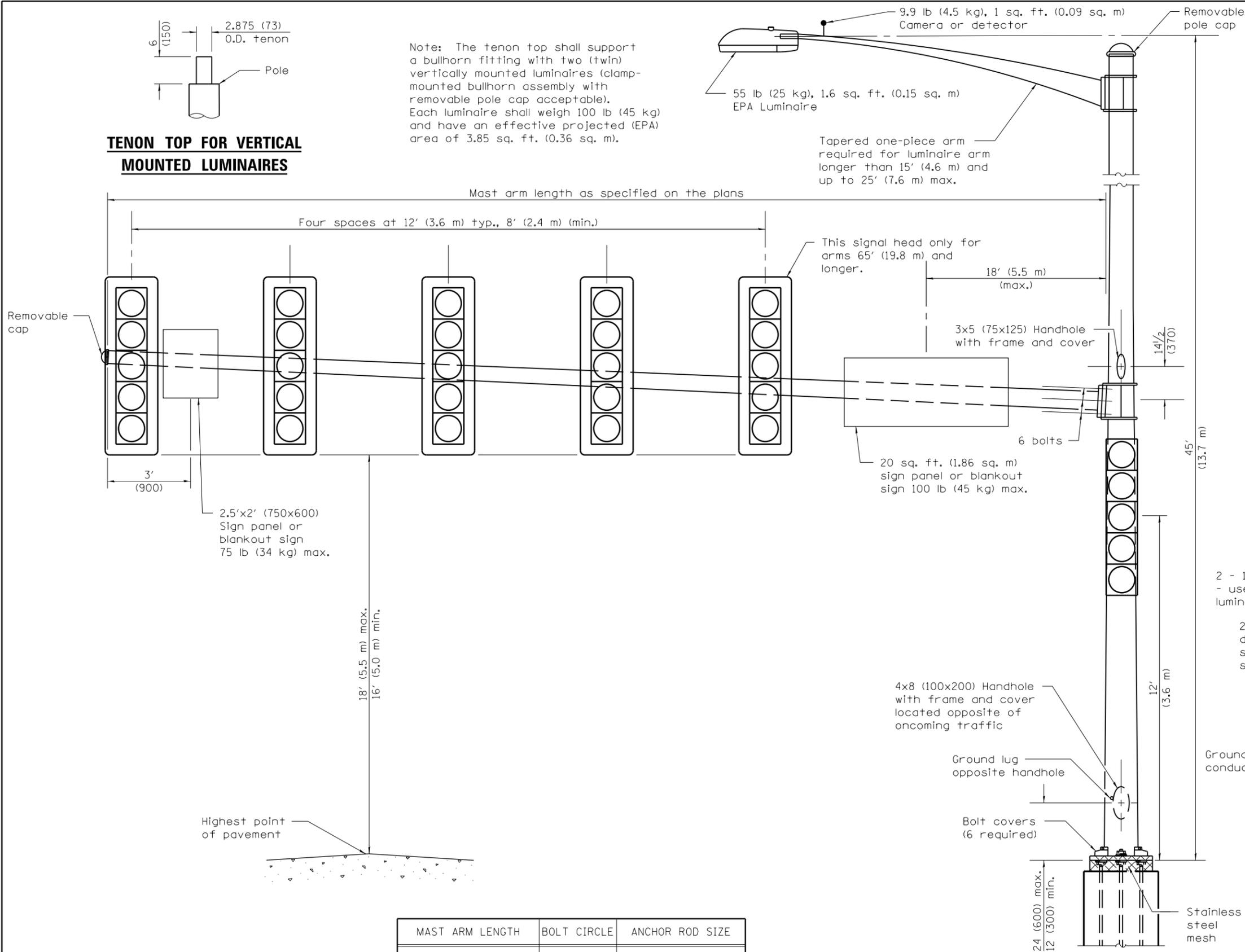
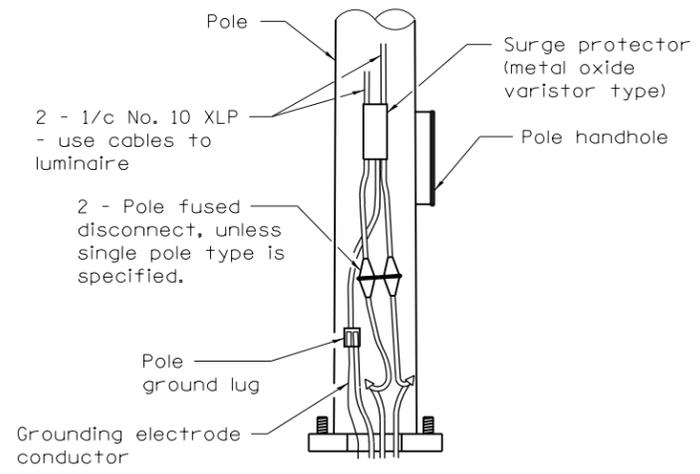


**TENON TOP FOR VERTICAL MOUNTED LUMINAIRES**

Note: The tenon top shall support a bullhorn fitting with two (twin) vertically mounted luminaires (clamp-mounted bullhorn assembly with removable pole cap acceptable). Each luminaire shall weigh 100 lb (45 kg) and have an effective projected (EPA) area of 3.85 sq. ft. (0.36 sq. m).



**ANCHOR ROD DETAIL**



**POLE BASE DETAIL**

**GENERAL NOTES**

Signal heads, sign panels, and other attachments are shown for minimum design loading purposes only. Each signal head shall weigh 80 lb (36 kg) and have a projected area of 14.7 sq. ft. (1.37 sq. m). All dimensions are in inches (millimeters) unless otherwise shown.

MAST ARM LENGTH	BOLT CIRCLE	ANCHOR ROD SIZE
56' thru 64' (17.1 m thru 19.8 m)	24 (610)	1 3/4 x 7' (44 x 2.10 m)
65' thru 75' (20.1 thru 22.9 m)	27 (686)	2 x 7'-6" (51 x 2.30 m)

DATE	REVISIONS
1-1-12	Changed 2.5'x8' sign panel to 20 sq. ft. (1.86 sq. m) max.
1-1-09	Switched units to English (metric).

**STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'**

**STANDARD 877012-02**

Illinois Department of Transportation

APPROVED January 1, 2012  
*Dustin Mann*  
ENGINEER OF OPERATIONS

APPROVED January 1, 2012  
*Scott Esdaile*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-08