



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 m thru 22.9 m)	27 (686)	2 x 7'-6" (51 x 2.30 m)

**GENERAL NOTES**  
 Signal heads, sign panels, and other attachments are shown for minimum design loading purposes only. Each signal head shall weigh 80 lbs. (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.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-08	New standard.

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

**STANDARD 877002-01**

Illinois Department of Transportation

APPROVED January 1, 2009  
 ENGINEER OF OPERATIONS

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 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-08