



MAST ARM LENGTH	ANCHOR ROD CIRCLE	ANCHOR ROD SIZE
56' thru 64' (17.07 m thru 19.51 m)	24 (610)	1 3/4 x 7' (44 x 2.10 m)
65' thru 75' (19.81 m thru 22.86 m)	27 (685)	2 x 7'-6" (51 x 2.29 m)

**ANCHOR ROD DETAIL**

**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).  
See Standard 720016 for location of sign panel or blankout sign closest to pole.  
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-18	Rev. hand hole loc. Rev. Gen. Notes for sign loc.
	Replaced rod hooks with nuts.
4-1-16	Changed sign panel to 36x36 and 100 lb max.

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

**STANDARD 877002-04**

Illinois Department of Transportation

PASSED January 1, 2018  
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APPROVED January 1, 2018  
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ISSUED 1-1-08