



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).
 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 m 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 MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'

STANDARD 877002-02

Illinois Department of Transportation

APPROVED Justin Mann January 1, 2012
 ENGINEER OF OPERATIONS

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 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-08