



ANCHOR ROD DETAIL

MAST ARM LENGTH	BOLT CIRCLE	ANCHOR ROD SIZE
16' thru 20' (4.87 m thru 6.10 m)	18 (450)	1 1/2 x 5' (38 x 1.5 m)
22' thru 30' (6.71 m thru 9.14 m)	18 (450)	1 3/4 x 7' (44 x 2.10 m)
32' thru 38' (9.75 m thru 11.60 m)	18 (450)	2 x 7'-6" (51 x 2.30 m)
40' thru 55' (12.20 m thru 16.80 m)	21 (535)	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 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.

DATE	REVISIONS
4-1-16	Changed sign panel to 36x36.
	Added max weight of 100 lb.
	Modified dim. to outer signal.
1-1-12	Changed 2.5'x8' sign panel
	to 20 sq. ft. (1.86 sq. m)
	max.

STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS

STANDARD 877006-05

Illinois Department of Transportation

APPROVED April 1, 2016
Amy Allen
 ENGINEER OF OPERATIONS

APPROVED April 1, 2016
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-02
20-1-02