



MAST ARM LENGTH	BOLT CIRCLE	ANCHOR ROD SIZE
4.87 m thru 6.10 m (16' thru 20')	450 (18)	38 x 1.5 m (1.5 x 60)
6.71 m thru 9.14 m (22' thru 30')	450 (18)	44 x 2.10 m (1.75 x 84)
9.75 m thru 11.60 m (32' thru 38')	450 (18)	51 x 2.30 m (2.0 x 90)
12.20 m thru 16.80 m (40' thru 55')	535 (21)	51 x 2.30 m (2.0 x 90)

### GENERAL NOTES

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

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
1-1-05	Revised sign panel, handhole, arm angle, and table.
1-1-04	Revised to show current loading requirements.

## STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS

**STANDARD 877006-02**

Illinois Department of Transportation

APPROVED January 1, 2005  
  
 ENGINEER OF OPERATIONS

APPROVED January 1, 2005  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-02