



ARM RISE:

- 6'-4" FOR 50' ARM
- 6'-10" FOR 60' ARM
- 7'-5" FOR 70' ARM
- 7'-8" FOR 75' ARM

ARM LENGTH	ARM LENGTH (WALL THICKNESS x O.D. AT FLANGE x O.D. AT ARM END x SECTION LENGTH)
50'-0"	(BUTT) ZERO (0) x 14.50" x 12.26" x 16'-0" (EXT. 1) THREE (3) GAUGE x 13.00" x 7.75" x 37'-6"
60'-0"	(BUTT) ZERO (0) x 14.50" x 12.26" x 16'-0" (EXT. 1) THREE (3) GAUGE x 13.00" x 7.75" x 37'-6" (EXT. 2) SEVEN (7) GAUGE x 8.43" x 6.65" x 12'-9"
70'-0"	(BUTT) ZERO (0) x 16.00" x 12.22" x 27'-0" (EXT. 1) THREE (3) GAUGE x 13.00" x 7.54" x 39'-0" (EXT. 2) SEVEN (7) GAUGE x 8.19" x 6.72" x 10'-6"
75'-0"	(BUTT) ZERO (0) x 16.00" x 12.22" x 27'-0" (EXT. 1) THREE (3) GAUGE x 13.00" x 7.54" x 39'-0" (EXT. 2) SEVEN (7) GAUGE x 8.19" x 6.02" x 15'-6"

NOTES:

1. REFER TO MAST ARM FLANGE PLATES STANDARD PLATE FOR DETAILS.
2. REFER TO MAST ARM POLE DETAILS STANDARD PLATE FOR DETAILS.

SPECIFICATION 818	CATEGORY CODE ITEMS
APPROVED	<i>Cedric Wald</i> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
APPROVAL REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 10-10-00	APPROVAL 2-1-01
REVISED 5-17-07	REVISED 5-2-07
REVISED 11-20-19	REVISED 9-4-19
REVISED	REVISED

MOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

CURVED MAST ARMS FOR STRUCTURES WITH 15'-0" "T" DIMENSION

STANDARD NO. MD 818.13-01