



POLE SIZE (WALL THICKNESS x O.D. AT BASE OF PLATE x O.D. AT POLE TOP x POLE HEIGHT)	ARM SIZE (FLANGE PLATE SHALL ACCEPT ANY MAST ARM LISTED WITH THE FOLLOWING INCLUSIVE LENGTHS.) (SEE NOTE 2)	ANCHOR BOLTS (ALL BOLTS SHALL HAVE A CLASS OF FIT RATING OF 2A/2B UNC.)	BASE PLATE (DIA. x PLATE THICKNESS)	BOLT CIRCLE (DIA.)
0 GAUGE x 16" x 13.62" x 17'	50' & 60'	SIX (6) - 2" DIA. x 72" LENGTH 4 1/2 THREADS PER IN.	28 1/2" x 2 1/2"	22"
0 GAUGE x 18.5" x 16.12" x 17'	70' & 75'	SIX (6) - 2" DIA. x 72" LENGTH 4 1/2 THREADS PER IN.	31 1/2" x 2 1/2"	23 1/2"
0 GAUGE x 16" x 12.22" x 27'	50' & 60'	SIX (6) - 2" DIA. x 72" LENGTH 4 1/2 THREADS PER IN.	28 1/2" x 2 1/2"	22"
0 GAUGE x 18.5" x 14.72" x 27'	70' & 75'	SIX (6) - 2" DIA. x 72" LENGTH 4 1/2 THREADS PER IN.	31 1/2" x 2 1/2"	23 1/2"

- NOTES:**
1. ALL ANCHOR BOLT HOLE DIAMETERS SHALL BE 1/4" LARGER THAN THE ANCHOR BOLT DIAMETER LISTED.
  2. REFER TO MAST ARM FLANGE PLATES AND ACCESS HOLE STANDARD PLATES FOR DETAILS.

SPECIFICATION <b>818</b>	CATEGORY CODE ITEMS
APPROVED	<i>Cedric Wall</i> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
APPROVAL SHA REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 11-20-19	APPROVAL 9-4-19
REVISED	REVISED
REVISED	REVISED
REVISED	REVISED

**MDOT** MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

**CURVED SINGLE MAST ARM POLE**

**STANDARD NO. MD 818.06-01**