



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 18.5" x 15.70" x 20'	50' - 60' FLANGE: 50' - 60' 70' - 75' FLANGE: 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 18.5" x 14.72" x 27'	50' - 60' FLANGE: 50' - 60' 70' - 75' FLANGE: 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 PLATE 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

**REVERSE CURVED TWIN MAST ARM POLE WITH  
DIFFERENT FLANGE PLATES**

**STANDARD NO.**

**MD 818.09-01**