



| POLE SIZE<br>(WALL THICKNESS x<br>O.D. AT BASE OF PLATE x<br>O.D. AT POLE TOP x<br>POLE HEIGHT) | ARM SIZE<br>(FLANGE PLATE SHALL ACCEPT<br>ANY MAST ARM LISTED WITH THE<br>FOLLOWING INCLUSIVE LENGTHS.)<br>(SEE NOTE 2) | ANCHOR BOLTS<br>(ALL BOLTS SHALL HAVE A<br>CLASS OF FIT RATING OF<br>2A/2B UNC.) | BASE PLATE<br>(SIDE x SIDE x<br>PLATE THICKNESS) | BOLT<br>CIRCLE<br>(DIA.) |
|---|---|--|--|--------------------------|
| 0 GAUGE - 15" x 11.22" x 27'  | 38' FLANGE: 38'<br>50' FLANGE: 50'<br>60' - 70' FLANGE: 60' - 70'   | FOUR (4) 2" DIA. x<br>72" LENGTH<br>4 1/2 THREADS PER IN.                        | 23" x 23" x 2"                                   | 22"                      |

**NOTES:**

1. ALL ANCHOR BOLT HOLE DIAMETERS SHALL BE 3/8" LARGER THAN THE ANCHOR BOLT DIAMETER LISTED.
2. REFER TO MAST ARM FLANGE PLATES AND ACCESS HOLE STANDARD PLATES FOR DETAILS.
3. ORIENTATION AND LENGTH OF ALL ARMS SHALL BE AS SHOWN ON PLANS.

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| SPECIFICATION<br><b>818</b>   | CATEGORY CODE ITEMS  |
| APPROVED  | <br>DIRECTOR - OFFICE OF TRAFFIC AND SAFETY |
|  | APPROVAL • SHA REVISIONS   |
|   | APPROVAL • FEDERAL HIGHWAY ADMINISTRATION  |
|   | APPROVAL 7-1-94  |
|   | REVISION 5-17-07   |
|   | REVISION   |

**Maryland Department of Transportation  
STATE HIGHWAY ADMINISTRATION**

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

**TRIPLE MAST ARM POLE WITH  
DIFFERENT FLANGE PLATES**

STANDARD NO.

MD 818.10