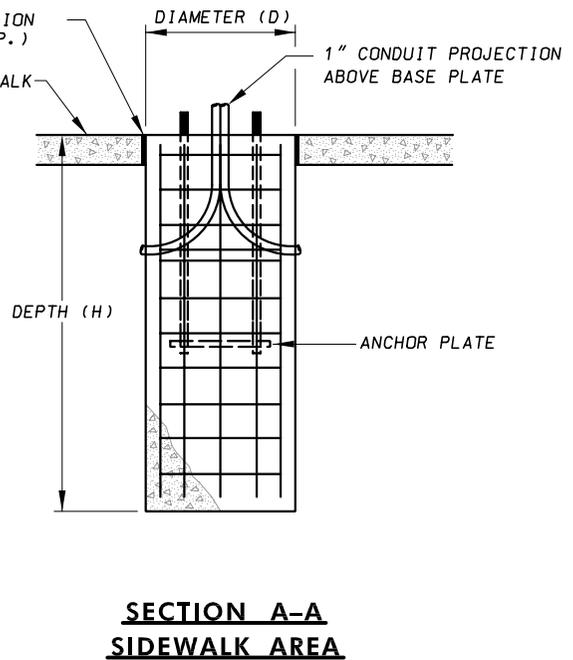
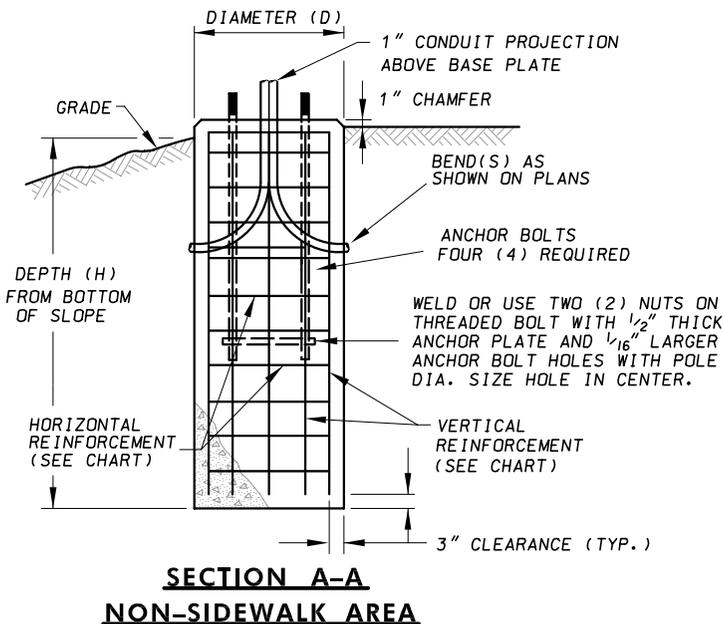
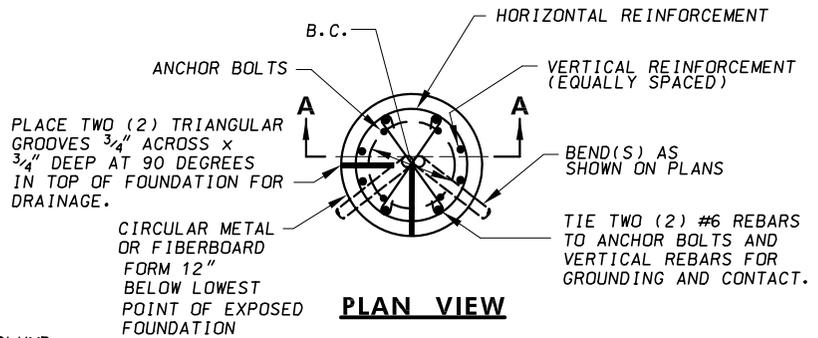


| POLE TYPE | ARM LENGTH OR POLE SIZE | BOLT CIRCLE (IN.) | ANCHOR BOLT SIZE (IN. x IN.) | ANCHOR BOLT MAX. PROJECTION ABOVE FOUNDATION (IN.) | FOUNDATION REINFORCEMENT | | | | CONCRETE REQUIRED (C.Y.) |
|---|-------------------------|-------------------|------------------------------|--|--------------------------|------------------|-----------------|-------------------|--------------------------|
| | | | | | DIAMETER 'D' (FT.) | HEIGHT 'H' (FT.) | VERTICAL REINF. | HORIZONTAL REINF. | |
| PEDESTAL FOR PUSHBUTTON AND PED. SIGNAL * | 5' - 10' | 8 | SEE NOTE 7 | FEMALE ANCHOR FOR COUPLING (SEE NOTE 7) | 1 1/2 | 3 | 6 NO. 6 | NO. 3@12"C.C. | 0.2 |
| PEDESTAL | 10' / 14' / 20' | 11 | 1 x 36 | 3 1/4 | 2 | 6 | 6 NO. 8 | NO. 3@12"C.C. | 0.7 |
| STRAIN | 12" DIA. x 30' | 16 | 1 3/4 x 66 | 7 1/2 | 3 | 10 | 8 NO. 10 | NO. 4@12"C.C. | 2.7 |
| | 12" DIA. x 32' | 22 | 2 1/4 x 72 | 8 1/2 | 4 | 10 | 16 NO. 10 | NO. 4@12"C.C. | 4.7 |
| | 14" DIA. x 32' | 22 | 2 1/4 x 72 | 8 1/2 | 4 | 10 | 16 NO. 10 | NO. 4@12"C.C. | 4.7 |
| MAST ARM | 38' SINGLE | 16 | 1 1/2 x 54 | 6 1/2 | 3 | 10 | 8 NO. 10 | NO. 4@12"C.C. | 2.7 |
| | 50' SINGLE AND TWIN | 18 | 1 3/4 x 66 | 7 1/2 | 3 | 10 | 8 NO. 10 | NO. 4@12"C.C. | 2.7 |
| | 60' & 70' SINGLE | 22 | 2 x 72 | 8 | 4 | 10 | 16 NO. 10 | NO. 4@12"C.C. | 4.7 |
| | 50' / 60' - 70' TWIN | 22 | 2 x 72 | 8 | 4 | 10 | 16 NO. 10 | NO. 4@12"C.C. | 4.7 |

NOTES:

- MAST ARM POLE FOUNDATIONS SHALL PROJECT ABOVE GRADE TO PROVIDE MAST ARM TO ROADWAY CLEARANCE OF 18' - 20' FULLY LOADED.
- ALL EXPOSED FOUNDATION FACES SHALL BE FINISHED SMOOTH.
- GROUT SHALL NOT BE INSTALLED BETWEEN THE BASE PLATE AND THE TOP OF THE FOUNDATION.
- REFER TO STRAIN POLE, MAST ARM POLE, AND PEDESTAL POLE STANDARD PLATES FOR BOLT CIRCLE AND ANCHOR BOLT DETAILS.
- 1/4" THICK STEEL TEMPLATE PLATE WITH 1/16" LARGER ANCHOR BOLT HOLE SHALL BE USED FOR INSTALLATION.
- ANCHOR BOLTS OR FEMALE ANCHORS SHALL BE PLUMB.
- PEDESTAL FOR PUSHBUTTON AND PEDESTRIAN SIGNAL SHALL USE BREAKAWAY COUPLINGS AND FEMALE ANCHORS.
- * SHALLOW 1 1/2' x 3' PEDESTAL FOUNDATION SHALL ONLY BE USED WHERE SITE CONSTRAINTS PREVENT USE OF STANDARD 2' x 6' PEDESTAL FOUNDATION.



| | |
|---|---|
| SPECIFICATION 801 | CATEGORY CODE ITEMS |
| APPROVED | <i>[Signature]</i> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY |
|  | APPROVAL • SHA REVISIONS |
| | APPROVAL • FEDERAL HIGHWAY ADMINISTRATION |
| | APPROVAL 7-1-94 |
| | REVISD 5-17-07 |
| | REVISD |

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
SIGNAL STRUCTURE FOUNDATIONS

STANDARD NO. MD 801.01