



**NOTES:**

1. FOR A SINGLE PIECE ARM, DELETE ALL INFORMATION PERTAINING TO A TWO OR THREE PIECE ARM.
2. ARM LENGTHS 50' OR LONGER SHALL BE OF BUTT SECTION AND EXTENSION SECTION DESIGN.
3. ALL HOLES LOCATED IN THE EXTENSION SECTION(S) AND THE FLANGE PLATE MUST BE DRILLED BEFORE GALVANIZING.
4. NO HOLES SHALL BE DRILLED IN THE BUTT SECTION OF TWO OR THREE PIECE ARMS AT THE TIME OF FABRICATION.
5. SPLICE STUDS SHALL NOT BE CUT IN THE FIELD.

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 8.90" x 40'-0" (EXT. 1) THREE (3) GAUGE x 9.51" x 7.90" x 11'-6"
60'-0"	(BUTT) ZERO (0) x 14.50" x 8.90" x 40'-0" (EXT. 1) THREE (3) GAUGE x 9.51" x 7.90" x 11'-6" (EXT. 2) SEVEN (7) GAUGE x 8.51" x 6.90" x 11'-6"
70'-0"	(BUTT) ZERO (0) x 16" x 11.10" x 35'-0" (EXT. 1) THREE (3) GAUGE x 11.71" x 8.00" x 26'-6" (EXT. 2) SEVEN (7) GAUGE x 8.61" x 7.00" x 11'-6"
75'-0"	(BUTT) ZERO (0) x 16" x 11.10" x 35'-0" (EXT. 1) THREE (3) GAUGE x 11.71" x 8.00" x 26'-6" (EXT. 2) SEVEN (7) GAUGE x 8.61" x 6.30" x 16'-6"

SPECIFICATION <b>818</b>	CATEGORY CODE ITEMS
APPROVED	<i>Cedric Wald</i> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
APPROVAL SHA REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 7-1-94	APPROVAL 7-1-94
REVISED 5-17-07	REVISED 5-2-07
REVISED 11-20-19	REVISED 9-4-19
REVISED	REVISED

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

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

**MAST ARMS**

**STANDARD NO.**

**MD 818.13**