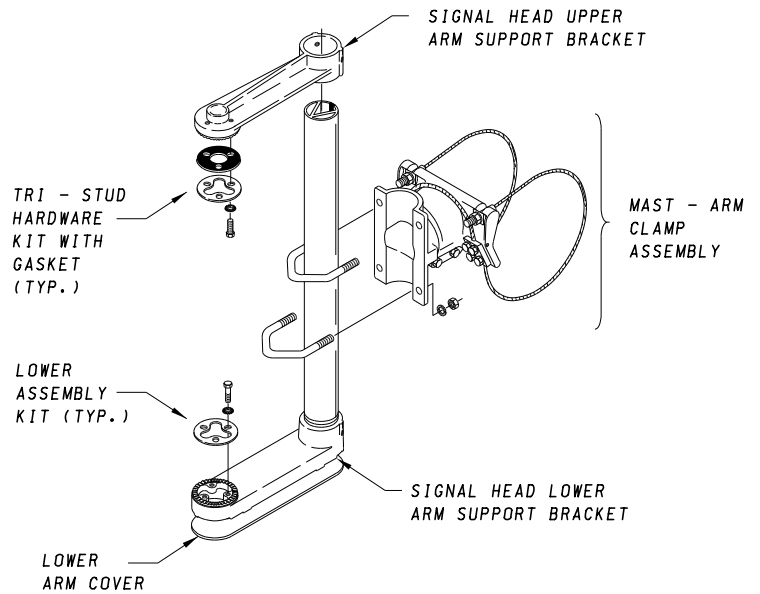


**ONE-WAY, FIVE - SECTION
12" SIGNAL HEADS**


NOTES:

1. ALL CAST MOUNTING HARDWARE SHALL BE ALUMINUM WITH TRIVALENT CHROMATE FINISH.
2. ALL BOLTS SHALL BE STAINLESS STEEL.
3. BRACKET SHALL ADJUST IN FOUR DIRECTIONS.
4. UPPER AND LOWER ARMS SHALL BE CAST FROM 319 ALUMINUM ALLOY.
5. VERTICAL SUPPORT TUBE SHALL BE DOUBLE GUSSETED "C" SHAPED AND EXTRUDED FROM 6062 - T6 ALUMINUM ALLOY.
6. MAST ARM CLAMP ASSEMBLY SHALL BE CAST FROM 713 ALUMINUM.
7. STRANDED CABLE SHALL BE 3/16" DIA. STAINLESS STEEL, FABRICATED IN ONE PIECE.
8. CUT VERTICAL SUPPORT TUBE TO PROJECT 1" ± 1/2" ABOVE SIGNAL HEAD TOP SUPPORT BRACKET.
9. CABLE ENTRY HOLE SHALL BE ENLARGED TO ACCOMMODATE THE SIZE AND TYPE OF CABLE(S).
10. WHEN ASSEMBLED, THE RECEIVING AND INDENTED PORTION OF THE CLAMP ASSEMBLY SHALL CONSIST OF TWO MIRRORED HALVES. THE CLAMP ASSEMBLY SHALL BE INVERSELY TIGHTENED AROUND THE MAST ARM OR POLE.
11. THE PROTRUDING PORTION OF THE CLAMP ASSEMBLY, WHICH FITS IN THE RECEIVING AND INDENTED SECTION, SHALL HAVE AN INTEGRALLY CAST FLANGE TO PREVENT SEPARATION FROM THE RECEIVING AND INDENTED SECTION.



**ONE-WAY, THREE OR FOUR - SECTION
12" SIGNAL HEADS
THREE - SECTION - 12"/8" COMBINATIONS**

SPECIFICATION 814	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
REVISED	5-17-07
REVISED	4-16-19
REVISED	

 MARYLAND DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
**SIGNAL HEAD MOUNTING DETAILS
RIGID MOUNT**
STANDARD NO. MD 814.01