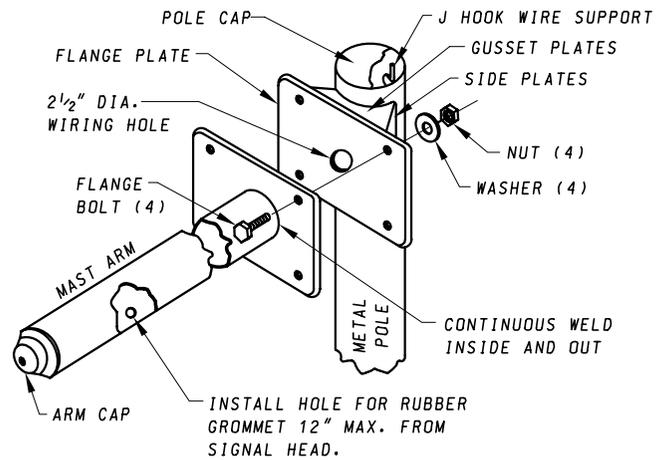
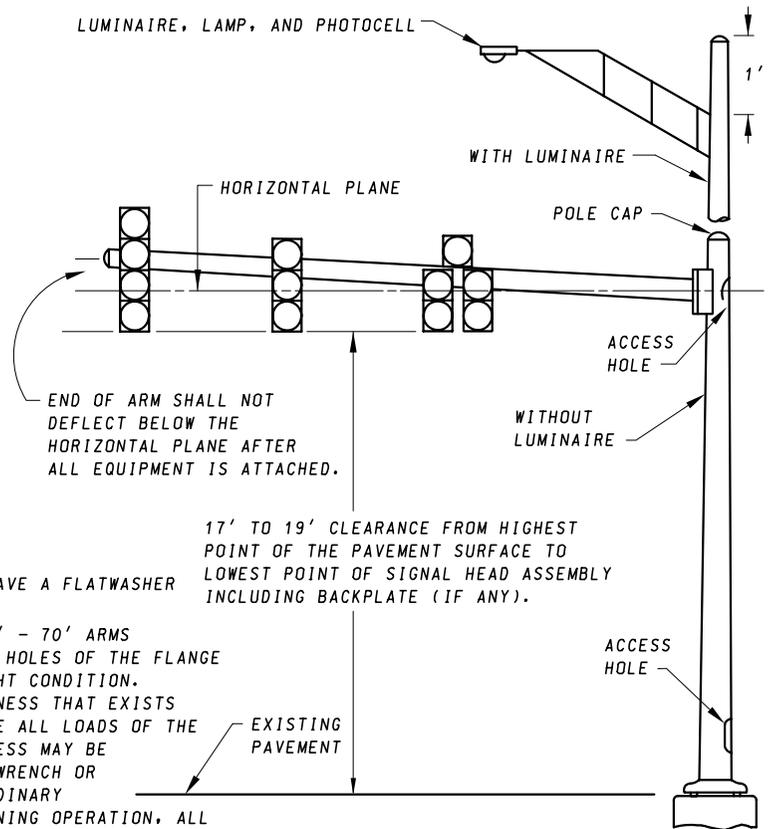


UP TO 50' MAST ARMS



GREATER THAN 50' MAST ARMS

ARM AND SIGNAL ATTACHMENT



NOTES:

1. ALL HIGH STRENGTH (A 325) BOLTS SHALL HAVE A FLATWASHER UNDER THE ELEMENT TO BE TURNED.
2. FLANGE BOLT TORQUE REQUIREMENTS (FOR 60' - 70' ARMS ONLY) : BOLTS SHALL BE INSTALLED IN ALL HOLES OF THE FLANGE CONNECTION AND BROUGHT UP TO A SNUG TIGHT CONDITION. SNUG TIGHTENING IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN THE PLIES ARE IN FIRM CONTACT WHILE ALL LOADS OF THE ARM ARE BEING RELEASED. ADEQUATE TIGHTNESS MAY BE OBTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A PERSON USING AN ORDINARY SPUD WRENCH. FOLLOWING THIS SNUG TIGHTENING OPERATION, ALL BOLTS IN THE CONNECTION SHALL BE TIGHTENED BY HALF (1/2) TURN ($\pm 30^\circ$).

17' TO 19' CLEARANCE FROM HIGHEST POINT OF THE PAVEMENT SURFACE TO LOWEST POINT OF SIGNAL HEAD ASSEMBLY INCLUDING BACKPLATE (IF ANY).

MAST ARM AND COMBINATION LUMINAIRE / MAST ARM POLE

SPECIFICATION 818	CATEGORY CODE ITEMS
APPROVED  DIRECTOR - OFFICE OF TRAFFIC AND SAFETY	
	APPROVAL • SHA REVISIONS
	APPROVAL 7-1-94
	REVISED 5-17-07
	REVISED

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

MAST ARM POLE DETAILS

STANDARD NO.

MD 818.02