

POST HINGE DETAIL



NOTES:

1. THE BRACKET NUMBER IS STAMPED ON THE BRACKET.
2. BOLT THE BRACKETS TO POST. THEN PLACE POST AND CONNECTED BRACKET TO BREAKAWAY COUPLING.
3. ALL BOLTS TO BE TIGHTENED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
4. REFER TO OTHER BREAKAWAY BASE SUPPORT SYSTEM FOR HIGHWAY SIGNS STANDARD PLATES FOR HINGE PLATE, SHIM AND BRACKET DETAILS.
5. REFER TO OTHER BREAKAWAY BASE SUPPORT SYSTEM FOR HIGHWAY SIGNS STANDARD PLATES FOR ANCHOR, BREAKAWAY COUPLING AND COUPLING BOLT DETAILS.
6. W6X9 SIGN POSTS SHALL NOT BE USED WITH BREAKAWAY BASE SUPPORT SYSTEM 'B'.
7. REFER TO GALVANIZED STEEL BEAM SIGN POSTS FOUNDATION DETAILS FOR ADJUSTMENTS TO CONCRETE FOUNDATIONS TO SUIT VARIOUS GROUND SLOPES.
8. (N) REFER TO OTHER BREAKAWAY BASE SUPPORT SYSTEM FOR HIGHWAY SIGNS STANDARD PLATES FOR MATERIAL PARTS.
9. HINGE PLATES SHALL NOT BE USED WITH SINGLE STEEL SUPPORT INSTALLATIONS.
10. A 7' MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN I-BEAMS UTILIZING BREAKAWAY SUPPORT SYSTEM 'B'.

POST BASE DETAIL

FRONT VIEW

BREAKAWAY ASSEMBLIES

SPECIFICATION 821		CATEGORY CODE ITEMS		Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES					
APPROVED		 DIRECTOR - OFFICE OF TRAFFIC AND SAFETY							
 State Highway Administration				APPROVAL • SHA REVISIONS		APPROVAL • FEDERAL HIGHWAY ADMINISTRATION		BREAKAWAY BASE SUPPORT SYSTEM 'B' FOR HIGHWAY SIGNS	
				APPROVAL 5-17-07		APPROVAL 5-2-07			
				REVISED		REVISED			
				REVISED		REVISED			
				REVISED		REVISED			
STANDARD NO.				MD 821.03					