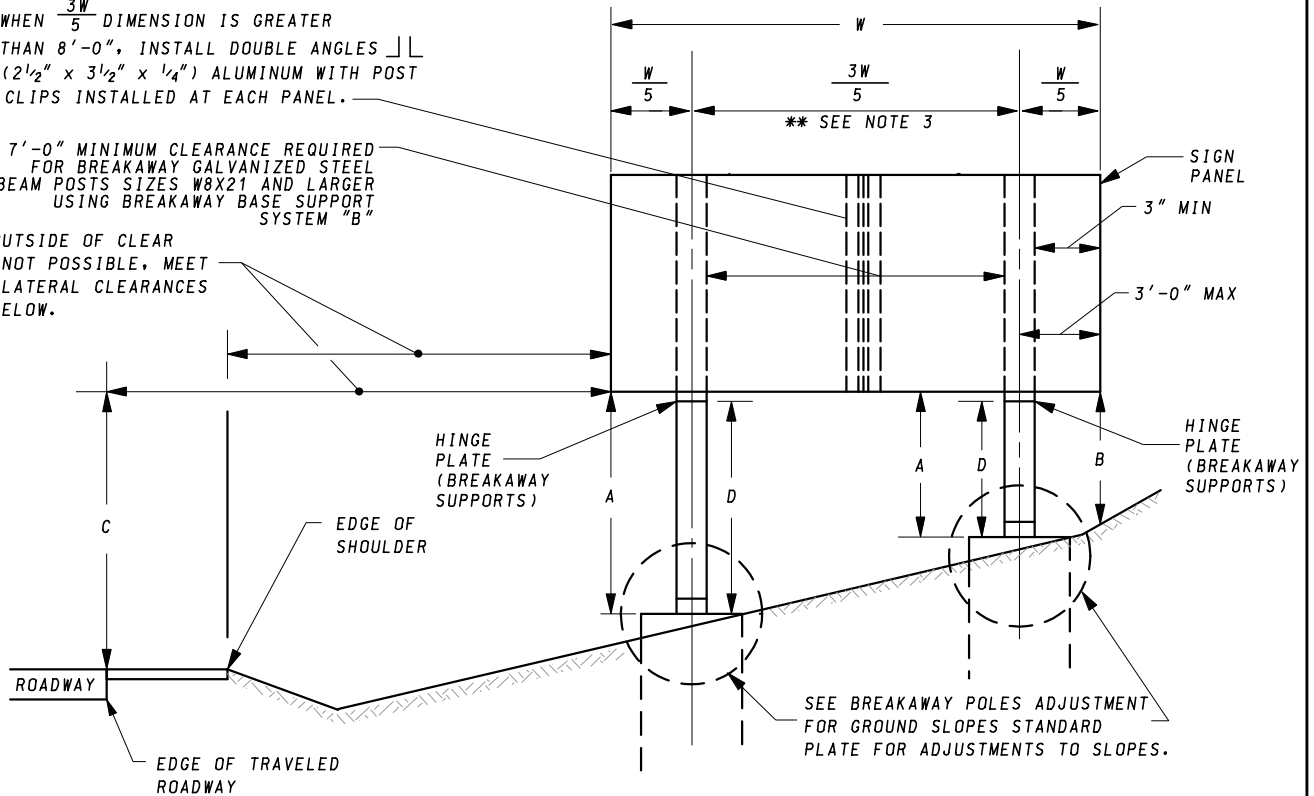


WHEN $\frac{3W}{5}$ DIMENSION IS GREATER THAN 8'-0", INSTALL DOUBLE ANGLES \llcorner (2 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " x $\frac{1}{4}$ ") ALUMINUM WITH POST CLIPS INSTALLED AT EACH PANEL.

7'-0" MINIMUM CLEARANCE REQUIRED FOR BREAKAWAY GALVANIZED STEEL BEAM POSTS SIZES W8X21 AND LARGER USING BREAKAWAY BASE SUPPORT SYSTEM "B"

LOCATE OUTSIDE OF CLEAR ZONE. IF NOT POSSIBLE, MEET MINIMUM LATERAL CLEARANCES LISTED BELOW.



VERTICAL CLEARANCES FOR SIGNS

- A. 7'-6" MINIMUM FOR BREAKAWAY SUPPORTS
- B. 2'-0" MINIMUM
- C. 7'-6" MINIMUM
ALL MOUNTING HEIGHTS LESS THAN 7'-6" REQUIRE MDOT SHA OFFICE OF TRAFFIC AND SAFETY APPROVAL THIS DIMENSION IS TO BE INCREASED ONLY WHEN REQUIRED TO MEET 'A' (MIN.) = 7'-6" FOR BREAKAWAY AND/OR 'B' (MIN.) = 2'-0"
ALL DIMENSIONS ARE TO BOTTOM OF SIGN
- D. 7'-0" MINIMUM FOR BREAKAWAY SUPPORTS MEASURED TO CENTERLINE OF HINGE PLATE

PREFERRED SIGN LOCATION IS OUTSIDE OF THE CLEAR ZONE. IF THIS CONDITION CANNOT BE MET, THE SIGN SHOULD BE PLACED AS FAR FROM THE ROADWAY AS POSSIBLE.

MINIMUM LATERAL CLEARANCES FOR SIGNS

- 1 = EDGE OF SIGN 6'-0" FROM FACE OF W-BEAM TRAFFIC BARRIER
- 2 = EDGE OF SIGN 6'-0" PREFERABLE MIN. (2'-0" ABSOLUTE MIN.) FROM FACE OF CURB
- 3 = EDGE OF SIGN 6'-0" FROM EDGE OF SHOULDER
- 4 = EDGE OF SIGN 6'-0" PREFERABLE MIN. (2'-0" ABSOLUTE MIN.) FROM EACH EDGE OF SHOULDER IN MEDIAN
- 5 = EDGE OF SIGN 6'-0" FROM EACH EDGE OF SHOULDER CENTERED IN GORE AREA

NOTES:

- 1. FOR THREE SUPPORTS, POSTS SHOULD BE SPACED 1/6, 1/3, 1/3, 1/6 X WIDTH OF SIGN, WITHIN MAXIMUM EDGE SPACING AS SHOWN.
- 2. ALL SUPPORTS WITHIN THE CLEAR ZONE SHALL BE BREAKAWAY UNLESS PROTECTED.
- 3. REFER TO CONTRACT PLANS FOR POST SPACING.

SPECIFICATION 802, 813	CATEGORY CODE ITEMS
APPROVED	<i>Cedric Wall</i> DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
APPROVAL REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 5-17-07	APPROVAL 5-2-07
REVISED 11-10-18	REVISED 10-26-18
REVISED	REVISED
REVISED	REVISED

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

**GALVANIZED STEEL BEAM SIGN POSTS
VERTICAL AND LATERAL CLEARANCE**

STANDARD NO. MD 802.01