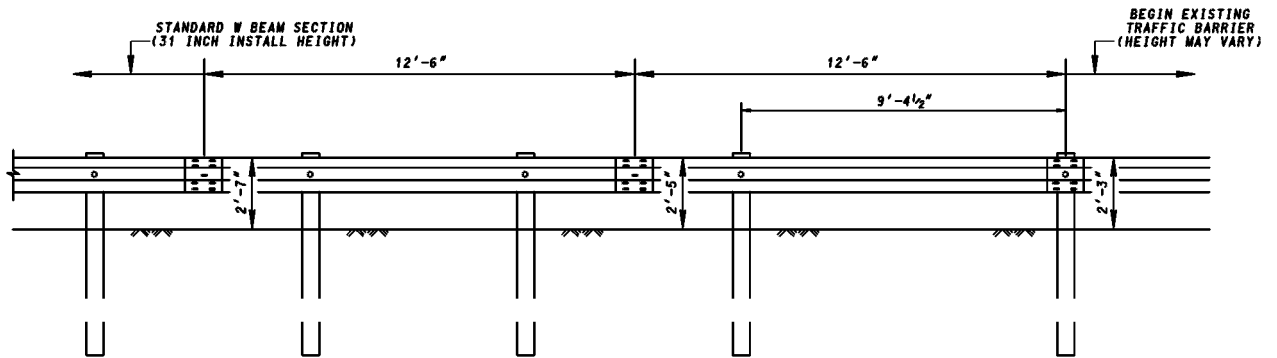


FLARE RATES	
DESIGN SPEED (MPH)	W-BEAM
70	15:1
60	14:1
55	12:1
50	11:1
45	10:1
40	8:1
30	7:1

NOTE

1. THE ABOVE FLARE RATES FOR W BEAM BARRIER SYSTEMS ARE APPLIED WHEN BARRIER TRANSITIONS TOWARD THE TRAVEL WAY. IF THE BARRIER TRANSITIONS AWAY FROM THE TRAVEL WAY, AND THE SLOPE IS 10:1 OR FLATTER, ANY FLARE RATE 2:1 OR FLATTER IS ACCEPTABLE, IF THE SLOPE IS STEEPER THAN 10:1 (BUT NO STEEPER THAN 6:1), A 2:1 FLARE RATE IS USED.




**ELEVATION VIEW W BEAM
HEIGHT TRANSITION**

NOTE

- FOR CHANGES IN W-BEAM INSTALLATION HEIGHT, WHEN TYING IN TO EXISTING, UNDAMAGED TRAFFIC BARRIER THAT IS NOT BEING REPLACED AS PART OF THE CONTRACT, USE A MAXIMUM TRANSITION OF 2 INCHES IN HEIGHT PER 12' 6" PANEL OF W-BEAM INSTALLED.
- FOR TRANSITIONS TO BARRIER CONFIGURATIONS WITH SPLICES AT THE POST RATHER THAN THE MID-SPAN, DELETE FINAL POST AS SHOWN.

SPECIFICATION	CATEGORY CODE ITEMS
APPROVED	<i>[Signature]</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT
APPROVAL SHA REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 11-08-06	APPROVAL 10-25-06
REVISED 12-21-17	REVISED 12-20-17
REVISED	REVISED
REVISED	REVISED

 MARYLAND DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
**TRAFFIC BARRIER W BEAM
FLARE RATES AND HEIGHT TRANSITION**
STANDARD NO. MD 605.32