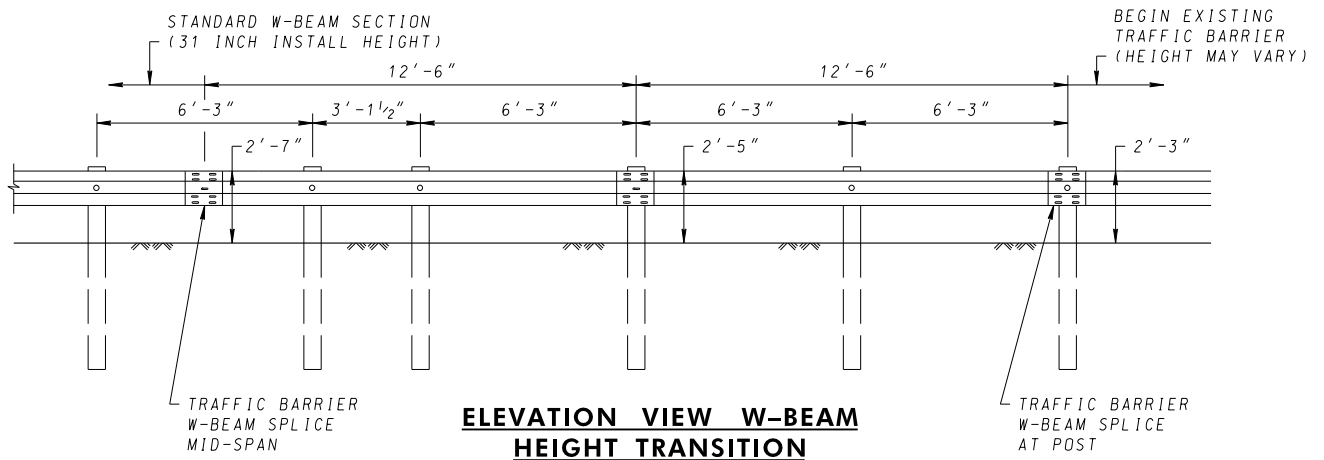


FLARE RATES	
DESIGN SPEED (MPH)	W-BEAM
70	15:1
60	14:1
55	12:1
50	11:1
45	10:1
40	8:1
30	7:1

NOTES


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.
2. FOR INTERMEDIATE DESIGN SPEEDS NOT SHOWN IN THE TABLE ABOVE, USE THE NEXT FLATTEST FLARE RATE, I.E., FOR 65 MPH, USE A 15:1 FLARE RATE.



NOTES

1. TRANSITION FROM 31" TRAFFIC BARRIER W-BEAM TO 27.75" TRAFFIC BARRIER W-BEAM SHALL BE ACCOMPLISHED WITH 2 STANDARD 12'-6" SECTIONS OF TRAFFIC BARRIER W-BEAM.
2. 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.
3. STANDARD 6 FOOT POSTS SHALL BE USED.

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 7-10-25	REVISED 7-08-25
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