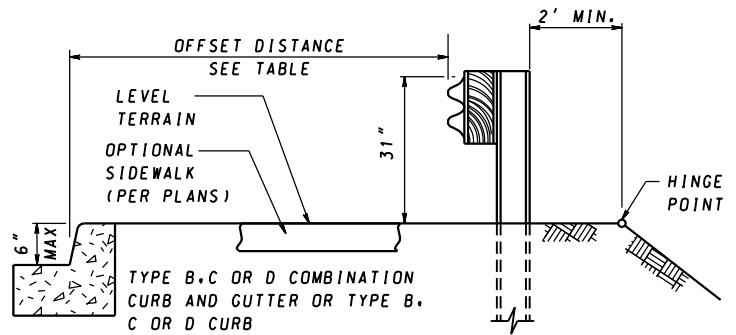


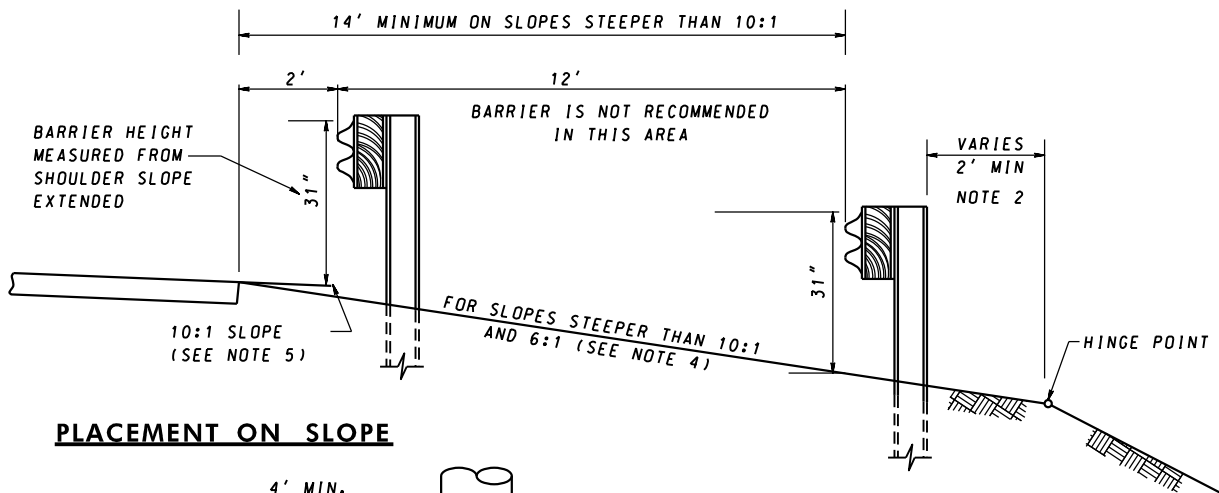
* FACE OF W-BEAM CAN BE MOVED BACK 6" WITH EITHER 12" OR 8" OFFSET BLOCK WITH ENGINEER'S APPROVAL. WHEN USED WITH TRAFFIC BARRIER END TREATMENT, CURB SHALL BE TAPERED DOWN AND CURB HEIGHT SHALL NOT EXCEED 2".



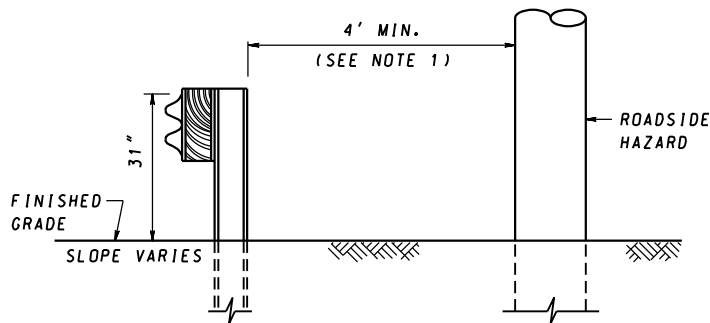
DESIGN SPEED	MIN. OFFSET	MAX. OFFSET
45 MPH OR LESS	4 FT	12 FT
50-60 MPH	1 FT	6 FT

PLACEMENT OFFSET FROM CURB

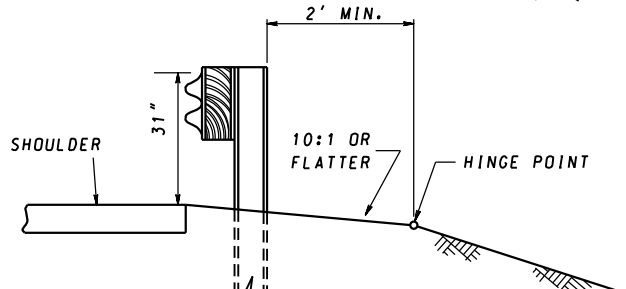
PLACEMENT AT CURB



PLACEMENT ON SLOPE



MINIMUM OFFSET TO HAZARD



PLACEMENT AT SHOULDER

NOTES

1. THE MINIMUM OFFSET TO HAZARD DIMENSION SHOWN CAN BE REDUCED BY STIFFENING THE TRAFFIC BARRIER SYSTEM. SEE STD MD 605.31-01.
2. 8'-0" LONG POSTS ARE TO BE USED WHEN THE DISTANCE FROM THE BACK OF THE W BEAM POST TO THE HINGE POINT IS LESS THAN 2' AND THE SLOPE BEYOND THE HINGE IS STEEPER THAN 4:1.
3. WHEN THE FACE OF THE TRAFFIC BARRIER IS MORE THAN 2' FROM THE SHOULDER EDGE, THE HEIGHT MEASURED FROM THE EXISTING GROUND SHALL BE 31".
4. WHEN SLOPE IS STEEPER THAN 6:1, THE FACE OF THE BARRIER MUST BE ALIGNED WITH THE EDGE OF SHOULDER.
5. SLOPE IN FRONT OF BARRIER INSTALLED 2' OFFSET FROM SHOULDER EDGE MUST BE 10:1 OR FLATTER.

SPECIFICATION	CATEGORY CODE ITEMS
605	
APPROVED	DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT
APPROVAL SHA REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 6-4-84	APPROVAL 8-1-94
REVISED 12-21-17	REVISED 12-20-17
REVISED 6-22-18	REVISED 4-30-18
REVISED 1-9-20	REVISED 12-23-19

MDT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

TRAFFIC BARRIER W-BEAM PLACEMENT DETAILS

STANDARD NO.

MD 605.31