



⊗ GUARDRAIL SHALL BE PLACED SO THAT A HAZARD IS NOT WITHIN THE DEFLECTION LIMIT OF THE GUARDRAIL. THE GUARDRAIL DESIGN AND PLACEMENT SHOWN ABOVE MAY ALSO BE USED FOR SHIELDING AN OVERHEAD SIGN SUPPORT, FIXED OBJECTS OR OTHER TYPES OF ROAD SIDE OBSTRUCTIONS.

* 25° ANGLE OF VEHICLE DEPARTURE.

- NOTES:**
1. DISTANCE "A" MUST BE GREATER THAN REQ'D. CLEAR ZONE.
 2. DISTANCE "B" IS LESS THAN REQ'D. CLEAR ZONE.
 3. BEGIN ST'D MB-3 AT THE POST PRIOR TO THE POINT WHERE THE 25° ANGLE OF VEHICLE DEPARTURE WILL INTERSECT THE MB-3.

VDOT	
ROAD AND BRIDGE STANDARDS	
SHEET 1 OF 8	REVISION DATE
501.34	

W-BEAM GUARDRAIL INSTALLATION CRITERIA

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE
221 505