



\* PLACE A SPLICE AT THE LAST POST OF THE EXISTING GR-8. THEN USE A 25 FT. TRANSITION SECTION OF RAIL TO ANOTHER SPLICE. THIS WILL RAISE THE GUARDRAIL HEIGHT FROM THE OLD GR-8 (30"-31") TO THE NEW GR-8 (32 1/4").

\*\* IN ORDER TO GET SPLICES AS PER THE NEW GR-8, A POST IS TO BE ADDED AT 6'-3" AFTER THE EXISTING GR-8.

TRANSITION FROM WEAK POST (EXISTING GR-8 30"-31" HEIGHT) TO CURRENT NCHRP 350 TL-3 WEAK POST (STANDARD GR-8 32 1/4" HEIGHT)

VDOT	
ROAD AND BRIDGE STANDARDS	
SHEET 7 OF 8	REVISION DATE
501.40	

W-BEAM GUARDRAIL INSTALLATION CRITERIA

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE
221 505