**NOTES:**

1. END TREATMENT REQUIRED WHEN BARRIER END IS WITHIN THE MAXIMUM REQUIRED AASHTO ROADSIDE DESIGN GUIDE CLEAR ZONE REQUIREMENTS.

2. REFER TO STD DWG BA-422 WHEN ATTACHING W-BEAM GUARDRAIL TO THE APPROACH END OR TRAILING END OF CONCRETE BARRIERS OR BRIDGE PARAPETS.

3. CONSIDER USING BURIED TERMINAL END, STD DWG BA-4F SERIES WHEN CONDITIONS PERMIT.

4. USE FLARED GUARDRAIL INSTALLATIONS WHEN POSSIBLE.

5. USE OF W-BEAM INSTALLATION PERMITTED ON A SLOPE STeeper THAN 15:1 BUT FLATTER THAN OR EQUAL TO 6:1 WHEN THE BARRIER SYSTEM HAS AN OFFSET OF 12 FT OR MORE FROM FORESLOPE HINGE POINT. REFER TO STD DWG BA-4D2. REPLACEMENT OF THE BARRIER END TREATMENT IS ALSO ACCEPTABLE WHEN 12 FT OFFSET IS ACHIEVED.

6. END TREATMENTS SHOWN ARE FOR ILLUSTRATION. TYPES G AND H CAN BE USED ON TANGENT OR FLARED GUARDRAIL INSTALLATIONS.

7. CONSULT GUIDELINES FOR CRASH CUSHIONS AND BARRIER END TREATMENTS CC SERIES STD DWGS FOR PROPER END TREATMENT SELECTION AND INSTALLATION REQUIREMENTS.

8. REFER TO STD DWG BA-4H5 FOR REDUCED DEFLECTION REQUIREMENTS WHEN 3 FT CANNOT BE MAINTAINED BEHIND W-BEAM GUARDRAIL, POST TO FACE OF HAZARD.