DETAIL E: BARRIER INSTALLATION ON SLOPES STEEPER THAN 10:1 AND NO STEEPER THAN 6:1

NOTE:
E1. DO NOT PLACE BARRIER ON SLOPES STEEPER THAN 6:1.
E2. REFER TO STD DWG 4E1 FOR REQUIREMENTS FOR THE USE OF A FLARED W-BEAM BARRIER SYSTEM ON A SLOPE STEEPER THAN 10:1 AND NO STEEPER THAN 6:1.
E3. MEASURE RAIL HEIGHT FROM SHOULDER LINE OR HINGE POINT EXTENDED. USE TOP HOLE OF POST TO SET RAIL HEIGHT WHEN PAVEMENT SURFACE, TRAVEL LANES, ARE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE PAVEMENT. USE BOTTOM HOLE OF POST TO SET RAIL HEIGHT WHEN PAVEMENT SURFACE, TRAVEL LANES, ARE CONSTRUCTED WITH HOT MIX ASPHALT (HMA).
E4. MEASURE RAIL HEIGHT FROM GROUND LINE WHEN BARRIER IS PLACED 12 FT OR GREATER FROM TRAVEL EDGE OF SHOULDER. USE CENTER BOLT HOLE FOR BLOCK, RAIL AT MOUNTMENT.
E5. WHEN THE 2 FT MIN BARRIER OFFSET IS OPTIONAL, WHEN ROADWAY DESIGN REQUIRE A 12 FT OR WIDER EFFECTIVE SHOULDER.
E6. THE 2 FT MIN BARRIER OFFSET IS OPTIONAL WHEN ROADWAY DESIGN REQUIRE A 12 FT OR WIDER EFFECTIVE SHOULDER.

NOTE:
G1. USE TOP HOLE OF POST TO SET MOUNT BLOCK & RAIL IF MEDIAN BARRIER IS PLACED 12 FT OR GREATER FROM TRAVEL LANCES.
G2. REFER TO STD DWG 4E1 FOR REQUIREMENTS FOR THE USE OF FLARED W-BEAM BARRIER SYSTEM ON A SLOPE STEEPER THAN 10:1 AND NO STEEPER THAN 6:1.
G3. SET RAIL HEIGHT AS PER SLOPE ON RAIL FACE. THIS MAY PRODUCE OFFSET RAIL ELEMENTS.
G4. RAISE BOTH RAIL ELEMENTS AS PER RAIL ELEMENT RAISED DETAIL. WHEN REQUIRED.
G5. ATTACH REQUIRED DELINEATION ON THE POST.
G6. THE 2 FT MIN BARRIER OFFSET IS OPTIONAL WHEN ROADWAY DESIGN REQUIRE A 12 FT OR WIDER EFFECTIVE SHOULDER.
G7. PLACE AS FAR OFF PAVEMENT AS PRACTICAL.

NOTE:
H1. USE TOP HOLE TO MOUNT BLOCK & RAIL IF MEDIAN BARRIER IS PLACED 12 FT OR GREATER FROM TRAVEL LANCES.
H2. REFER TO STD DWG 4E1 FOR REQUIREMENTS FOR THE USE OF FLARED W-BEAM BARRIER SYSTEM ON A SLOPE STEEPER THAN 10:1 AND NO STEEPER THAN 6:1.
H3. SET RAIL HEIGHT AS PER SLOPE ON RAIL FACE. THIS MAY PRODUCE OFFSET RAIL ELEMENTS.
H4. RAISE BOTH RAIL ELEMENTS AS PER RAIL ELEMENT RAISED DETAIL. WHEN REQUIRED.
H5. ATTACH REQUIRED DELINEATION ON THE POST.
H6. THE 2 FT MIN BARRIER OFFSET IS OPTIONAL WHEN ROADWAY DESIGN REQUIRE A 12 FT OR WIDER EFFECTIVE SHOULDER.
H7. PLACE AS FAR OFF PAVEMENT AS PRACTICAL.
H8. ALL THREADS PERMITTED FOR USE TO ATTACH W-BEAM.
H9. BARRIER REQUIREMENT FOR USE OF BOTH SIDES OF RAIL AND NO MORE THAN 1/2 INCH OF EXPOSED ENDS ABOVE THE ROADWAY.