Contact HQ Design Office Before Using

CASE 12_D
[SEE NOTE 1]

CASE 12_C
[SEE NOTE 1]

CASE 12_A
[SEE NOTE 1]

CASE 12_B
[SEE NOTE 2]

TYPE 1 GUARDRAIL PLACEMENT – WEAK POST INTERSECTION DESIGN
(8’ – 6’ MAX RADIUS)

NOTES

1. SEE CONTRACT FOR GUARDRAIL CONNECTION TO BRIDGE RAIL AND
   CONCRETE BARRIERS.
   
2. THE SLOPE FROM THE EDGE OF THE SHOULDER INTO THE FACE OF
   THE GUARDRAIL SHOULD NOT BE STEEPER THAN 1:10:1.
   
3. ATTACH TO RAIL WITH 5/8” X 8” LONG BOLT, NUT AND
   1 1/2” WASHER ON BACK OF POST.
   
4. FOR TERMINAL TYPE AND DETAILS, SEE CONTRACT AND
   APPLICABLE PLAN.
   
5. RADIUS IDENTIFICATION PLATE REPLACED THE LETTERS WAP AND THE
   IDENTIFICATION PLATE DETAIL. DETAILS SHALL BE 1/2” RADIUS AND
   THE IDENTIFICATION PLATE MOUNTED WITH BOLTS.
   
6. THE GUARDRAIL IDENTIFICATION PLATE SHALL BE MOUNTED
   ON THE BACK SIDE OF THE RAIL ELEMENT USING THE LOWEST
   OFFSET BOLT AT THE PC OF THE GUARDRAIL.
   
7. THE LETTER OF THE CASE DESIGNATION PLACEMENT INDICATES END
   TREATMENT ON SIDE ROAD. SECOND LETTER INDICATES END
   TREATMENT ON MAIN ROAD. FOR INSTANCE, A TYPE 5 CHAIN
   ON THE SIDE ROAD AND A GUARDRAIL CONNECTION ON THE MAIN ROAD
   WOULD BE CASE 12_5.
   
8. FOR THE 5’ – 8’ RADIUS, 11/2” CR Or POSTS ARE REQUIRED
   INCLUDING THE CR POST AT POINT B.
   
9. For CR POST DETAILS, SEE STANDARD PLAN 0-11.