CASE 11A

CASE 11B

CASE 11C

TYPE 1 GUARDRAIL PLACEMENT (CASES 11a, 11b, & 11d)

NOTES
1. SRT TERMINAL SHOWN. FOR TERMINAL TYPE AND DETAILS SEE CONTRACT AND APPLICABLE PLANS.
2. BEAM GUARDRAIL ANCHOR TYPE 4 (K-SEAM) OR TYPE 4 (THREE BEAM) REQUIRED.
3. THE SLOPE FROM THE EDGE OF THE SHOULDER INTO THE FACE OF THE GUARDRAIL SHOULD NOT EXCEED 10:1; 1/1 WHEN THE GUARDRAIL IS WITHIN 2'-0" FROM THE EDGE OF THE SHOULDER.
4. IF THE DISTANCE FROM END OF BEAM GUARDRAIL TYPE 11 TO THE STRUCTURE EXCEEDS 6'-0" USING 3'-0" SPACING, ADD A 6'-0" EXTENDED SECTION OF THREE BEAM WITH 10'10" POSTS, SPACED AT 3'-0" 1 1/2" MAXIMUM, AND BEGIN TRANSITION.
5. GUARDRAIL POST SPACING FOR BEAM GUARDRAIL TYPE 11 PAST THE END OF THE STRUCTURE SHALL BE SPACED AT 6'-0" MAXIMUM WITH 6'-0" POST AND STANDARD BLOCK.
6. ATTACH THE STANDARD WOOD BLOCK TO THE RAIL USING TWO 5/8" x 4" LAG BOLTS.

Drawing: BEAM GUARDRAIL, FLARED TERMINAL - PAY LIMIT [SEE NOTE 1]

Beam Guardrail Type: 1

Section Type: 16 - Pay Limit

Beam Guardrail, Type 1 - Flared Terminal - Pay Limit [See Note 1]

One Way Traffic

Notes:
1. SRT Terminal shown. For terminal type and details see contract and applicable plans.
2. Beam guardrail anchor Type 4 (K-SEAM) or Type 4 (three beam) required.
3. The slope from the edge of the shoulder into the face of the guardrail should not exceed 10:1; 1/1 when the guardrail is within 2'-0" from the edge of the shoulder.
4. If the distance from end of beam guardrail Type 11 to the structure exceeds 6'-0" using 3'-0" spacing, add a 6'-0" extended section of three beam with 10'10" posts, spaced at 3'-0" 1 1/2" maximum, and begin transition.
5. Guardrail post spacing for beam guardrail Type 11 past the end of the structure shall be spaced at 6'-0" maximum with 6'-0" post and standard block.
6. Attach the standard wood block to the rail using two 5/8" x 4" lag bolts.

Drawing: Beam Guardrail, Flared Terminal - Pay Limit [See Note 1]

Beam Guardrail Type: 11

Section Type: 16 - Pay Limit

Beam Guardrail, Type 1 - Flared Terminal - Pay Limit [See Note 1]

Two Way Traffic

Notes:
1. SRT Terminal shown. For terminal type and details see contract and applicable plans.
2. Beam guardrail anchor Type 4 (K-SEAM) or Type 4 (three beam) required.
3. The slope from the edge of the shoulder into the face of the guardrail should not exceed 10:1; 1/1 when the guardrail is within 2'-0" from the edge of the shoulder.
4. If the distance from end of beam guardrail Type 11 to the structure exceeds 6'-0" using 3'-0" spacing, add a 6'-0" extended section of three beam with 10'10" posts, spaced at 3'-0" 1 1/2" maximum, and begin transition.
5. Guardrail post spacing for beam guardrail Type 11 past the end of the structure shall be spaced at 6'-0" maximum with 6'-0" post and standard block.
6. Attach the standard wood block to the rail using two 5/8" x 4" lag bolts.

Drawing: Beam Guardrail, Flared Terminal - Pay Limit [See Note 1]

Beam Guardrail Type: 11

Section Type: 16 - Pay Limit

Beam Guardrail, Type 1 - Flared Terminal - Pay Limit [See Note 1]

One Way Traffic

Notes:
1. SRT Terminal shown. For terminal type and details see contract and applicable plans.
2. Beam guardrail anchor Type 4 (K-SEAM) or Type 4 (three beam) required.
3. The slope from the edge of the shoulder into the face of the guardrail should not exceed 10:1; 1/1 when the guardrail is within 2'-0" from the edge of the shoulder.
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5. Guardrail post spacing for beam guardrail Type 11 past the end of the structure shall be spaced at 6'-0" maximum with 6'-0" post and standard block.
6. Attach the standard wood block to the rail using two 5/8" x 4" lag bolts.

Drawing: Beam Guardrail, Flared Terminal - Pay Limit [See Note 1]

Beam Guardrail Type: 11

Section Type: 16 - Pay Limit

Beam Guardrail, Type 1 - Flared Terminal - Pay Limit [See Note 1]

One Way Traffic

Notes:
1. SRT Terminal shown. For terminal type and details see contract and applicable plans.
2. Beam guardrail anchor Type 4 (K-SEAM) or Type 4 (three beam) required.
3. The slope from the edge of the shoulder into the face of the guardrail should not exceed 10:1; 1/1 when the guardrail is within 2'-0" from the edge of the shoulder.
4. If the distance from end of beam guardrail Type 11 to the structure exceeds 6'-0" using 3'-0" spacing, add a 6'-0" extended section of three beam with 10'10" posts, spaced at 3'-0" 1 1/2" maximum, and begin transition.
5. Guardrail post spacing for beam guardrail Type 11 past the end of the structure shall be spaced at 6'-0" maximum with 6'-0" post and standard block.
6. Attach the standard wood block to the rail using two 5/8" x 4" lag bolts.