

[illegible]

Figure 10.10 is a cross-section diagram of a road profile showing a sag vertical curve. The diagram includes the following dimensions and labels:

- Total length: 2'-6"
- Sight distance: 9 ³/₄"
- Horizontal distance from start of curve to sight line: 1'-0 ¹/₄"
- Radius of curve: R3"
- Slope: 1" per ft.
- Offset from road surface to sight line: 4 ¹/₂"
- Minimum depth of curve: 2 ³/₄" min.
- Offset from road surface to curve start: 1 ¹/₂"
- Horizontal distance from curve start to sight line: 8"
- Offset from road surface to sight line at end of curve: 1 ¹/₁₀"
- Label: "Slope same as pavement subgrade"
- Vertical axis label: T₂

Diagram illustrating the cross-section of a roll curb. The curb is shown with a total width of 2'-6" and a height of 6". The curb is divided into two sections: a 1'-3 1/8" section on the left and a 1'-2 7/8" section on the right. The curb is supported by a base with a total width of 1' and a height of 1 1/2". The curb is shown with a slope of 3/8" per ft. The curb is labeled with dimensions: 2'-6", 1'-3 1/8", 1'-2 7/8", 6", 1', 1 1/2", 3/8", 11 1/8", and 3/8". The curb is also labeled with the text: "Slope = 3/8" per ft.", "Slope same as pavement subgrade", and "T*".

Diagram illustrating a cross-section of a road pavement structure with the following dimensions and features:

- Overall width: 7'-9"
- Top layer width: 2'-6"
- Top layer segments: 1'-3 1/8" (curved) and 1'-2 5/8" (straight)
- Base layer thicknesses: 2 1/8" (left), 1 1/2" (under curve), and 1" (right)
- Radius of curve: R1 3/8"
- Slope: 3/8" per ft. (indicated on the right side of the top layer)
- Subgrade: Slope same as pavement subgrade

TYPE 3
(Median curb)

1'-9"

5"

8"

R2"

R3"

8"

12 3/4" - 14 3/4"

Slope same as adjoining surface

Slope same as pavement subgrade

7"

Diagram illustrating a vertical curve profile. The horizontal distance is $1'-9''$. The vertical curve starts at a height of $6\frac{1}{2}''$ and ends at a height of $6\frac{1}{8}'' - 6\frac{1}{8}''^*$. The curve has a radius of $R 3''$. The slope is the same as the adjoining surface and the pavement subgrade. The horizontal distance from the start of the curve to the end of the curve is $8''$.

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