1. **Guardrail Above Pavement**: Measure from the top of the rail to the pavement.
2. **Guardrail 0'-2' Off of Pavement**: Measure from the extension of the pavement to the top of the rail.
3. **Guardrail on 10:1 or Flatter Terrain**: Measure from the extension of the pavement to the top of the rail.

**Notes**
- 8" blockout shown.
- Guardrail is located above pavement; measure the height from the pavement to the top of the guardrail.
- Guardrail is located between 0' to 2' off of the edge of the pavement. Use a straightedge to extend the top of the guardrail. Measure from the bottom of the straightedge to the top of the rail.
- Guardrail is located down a vertical slope; measure from the nominal terrain to the top of the rail. Good contractors can get fairly even grading, but it will rarely be perfect enough to always be spot on the nominal terrain.

(Source: FHWA-Frequently Asked Questions: Barriers, Terminals, Terrain Variations.)