**NOTE:**

1. When encountering impenetrable material, see ET Details 617-13 or 617-24.
2. See Special Contract Requirements when 7 foot or longer posts are specified.
3. See Special Contract Requirements when the alternative hole arrangement is specified.
4. Install delineator every fourth post. Fasten delineator to post using two 2" x \( \frac{7}{8} \) lag screws with washers, along centerline of post, or as specified by the manufacturer.
5. Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance, and accepted manufacturing practices.

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**GUARDRAIL BOLT AND RECESS NUT**

- **GUARDRAIL BOLT**: 2" x \( \frac{7}{8} \) minimum
- **RECESS NUT**: 1" x \( \frac{7}{8} \) minimum

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**FLEXIBLE GUIDE POST GUARDRAIL MOUNT**

- **STANDARD HOLE ARRANGEMENT POST AND BLOCK DETAIL**
- **ALTERNATE HOLE ARRANGEMENT POST AND BLOCK DETAIL**

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**TYPICAL GUARDRAIL CROSS SECTION**

- **Edge of pavement of groundline at face of rail**
- **Aggregate base or as shown on Typical Section**
- **2'-0" (typ.)**
- **Variable slope but not steeper than fill slope**
- **Subgrade shoulder, widening required for approach and departure terminal sections**
- **Hinge line of foreslope**
- **See Note 2**

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**POST SPACING STANDARD POST SECTION**

- **Post spacing 6'-3"**
- **Lap in direction of traffic**

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**W BEAM RAIL**

- **\( \frac{7}{8} \) x 1\( \frac{1}{2} \) guardrail splice bolts and nuts (8 per splice)**
- **Post spacing 6'-3"**
- **Lap in direction of traffic**

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**RAIL ELEVATION**

- **\( \frac{7}{8} \) x 2\( \frac{3}{4} \) post bolt slot at 6'-3" spacing, center to center**
- **Splice bolt slots**
- **A x 2\( \frac{3}{4} \) post bolt slot, 8 required, each end of rail**

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**POST BOLT ASSEMBLY**

- **\( \frac{7}{8} \) dia. hole**
- **Thread not to extend beyond nut by more than \( \frac{1}{2} \)**
- **\( \frac{1}{4} \) recess nut**
- **\( \frac{1}{4} \) plain round washer. All posts except those on terminal sections**

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**STATE**

**PROJECT**

**SHEET NO.**