NOTES:
1. When encountering impenetrable material, one post may be omitted in locations where the typical guardrail cross section includes a 2-foot minimum distance between the back of the guardrail post and the hinge point. For all other locations, see Section 6.17 and Details ET 617-13 or ET 617-37.

2. Size of block shown elsewhere in the plans. Use a single block or a combination of blocks (no more than two) to achieve the actual 8-inch or 12-inch offset. Secure wood blocks to the posts with anti-rotation rails. If a combination of blocks is used, toenail the adjacent blocks with two 16d galvanized nails to prevent block rotation.

3. 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.

4. Install a flexible hinged delineator every fourth post. Fasten delineator to the top of the wood post using either an adhesive or mechanical means according to the manufacturer’s recommendations.

**POST AND BLOCK**

- 8" or 12" See Note 2
- ½" x 19" or 22" guardrail bolt
- Post and block

**POST BOLT ASSEMBLY**

- ½" Ø hole
- W-beam rail
- Post and block

**FLEXIBLE DELINEATOR GUARDRAIL MOUNT**

- Retroreflective sheeting
- 3" x 4" (min.)

**6' POST, 8" OR 12" BLOCK**

- 8" or 12" block
- See Note 2
- ¼ 10H or flatter slope
- Variable slope but not steeper than fill slope
- Aggregate base or as shown on Typical Section
- 6' post

**6' POST CENTERED ON HINGE, 8" OR 12" BLOCK**

- 8" or 12" block
- See Note 2
- ¼ 10H or flatter slope
- Variable slope
- Aggregate base or as shown on Typical Section
- 6' post

**TYPICAL GUARDRAIL CROSS SECTION**

- ¾" x ¾" guardrail splice bolts and nuts (6 per splice)
- ¾" x 19" or 22" guardrail post bolt
- Lap in direction of traffic
- Mid-span
- Traffic
- Edge of pavement or ground line at face of rail as applicable
- 3"-1½" 6'-3" Post spacing
- 96'-3" (min.) distance between omitted posts
- 43'-9" (min.)
- 12'-6"
- Unsupported span (one omitted post)

**TYPICAL GUARDRAIL ELEVATION**

**OMITTED POST PLAN VIEW**

See Note 1