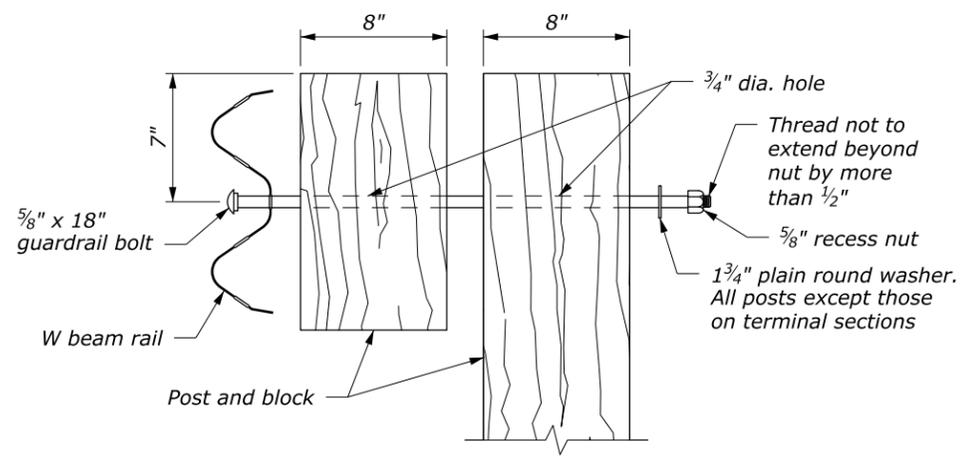


3/4" x 2 1/2" post bolt slot at 6'-3" spacing, center to center

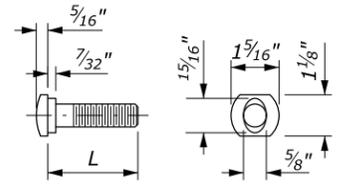
29 3/32" x 1 1/8" splice bolt slot. 8 required, each end of rail

**W-BEAM RAIL**

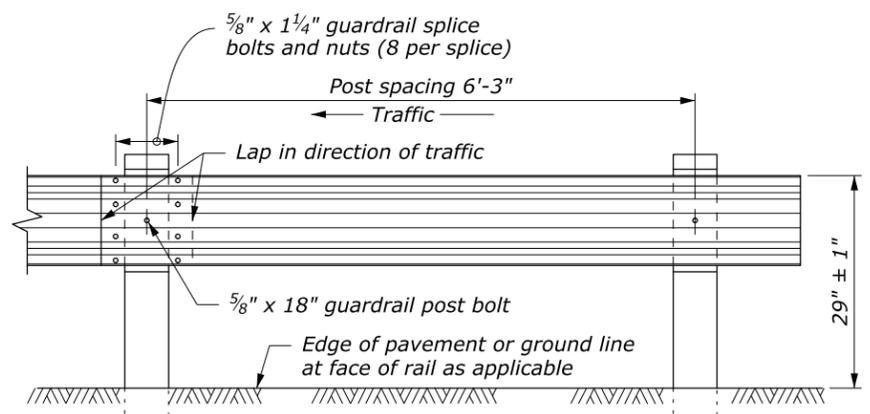


**POST BOLT ASSEMBLY**

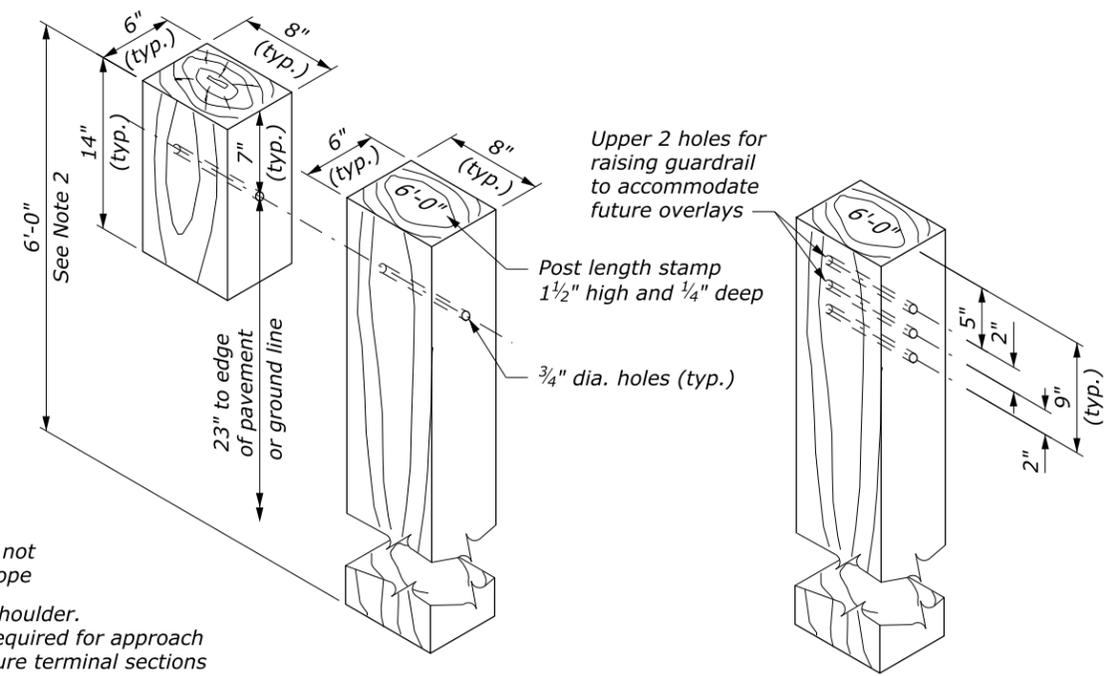
L	Thread Length
1 1/4"	1 1/8" minimum
2"	1 3/4" minimum
10"	4" minimum
18"	4" minimum
25"	4" minimum



**GUARDRAIL BOLT AND RECESS NUT**

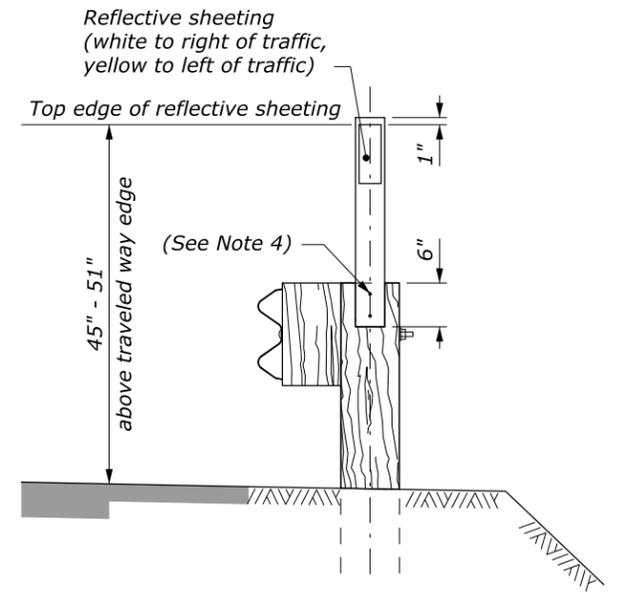


**POST SPACING STANDARD POST SECTION**

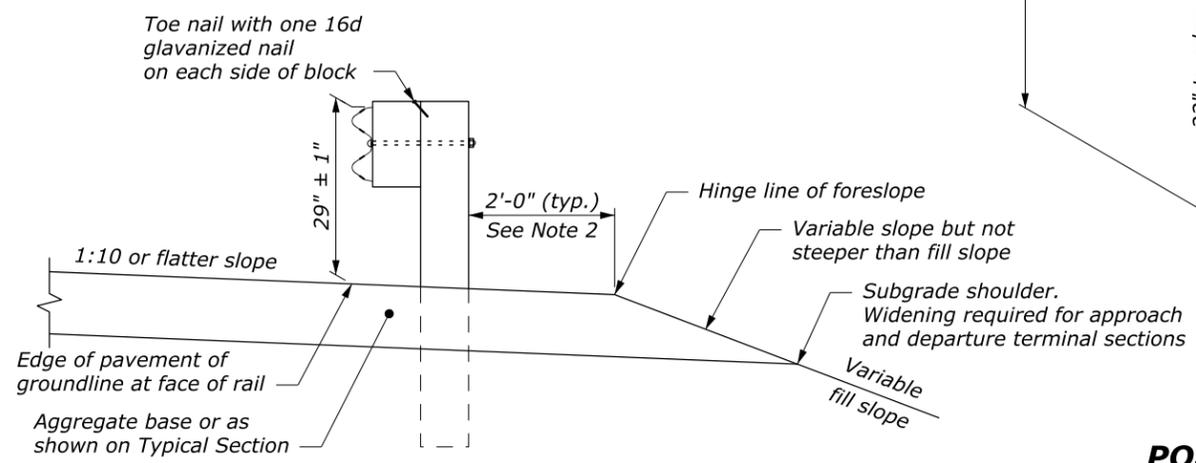


**STANDARD HOLE ARRANGEMENT POST AND BLOCK DETAIL**

**ALTERNATE HOLE ARRANGEMENT POST AND BLOCK DETAIL**



**FLEXIBLE GUIDE POST GUARDRAIL MOUNT**



**TYPICAL GUARDRAIL CROSS SECTION**

**NOTES:**

1. When encountering impenetrable material, see Detail ET 617-13 or ET 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- by 3/8-inch lag screws with washers, along centerline of post; or fasten 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.

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
OFFICE OF FEDERAL LANDS HIGHWAY

EFLHD DETAIL

**G4 W-BEAM GUARDRAIL WOOD POSTS**

STANDARD APPROVED FOR USE 1/1994  
REVISOR: 4/1994 6/2005 9/2017 1/2018 12/2018 9/2020

DETAIL  
ET 617-10

NO SCALE

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