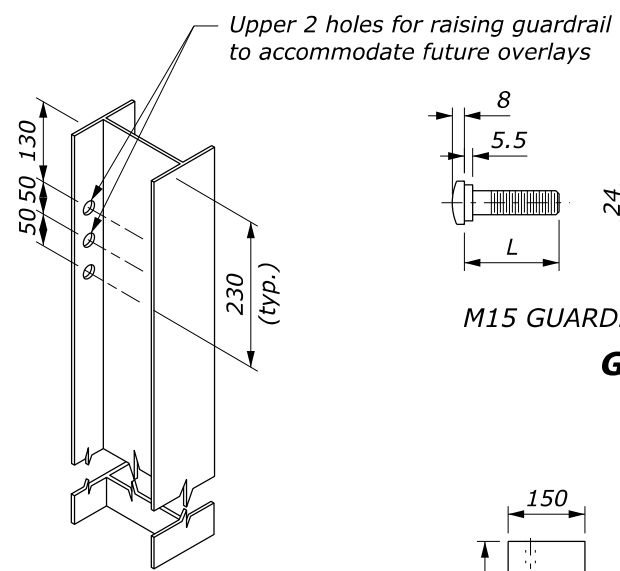
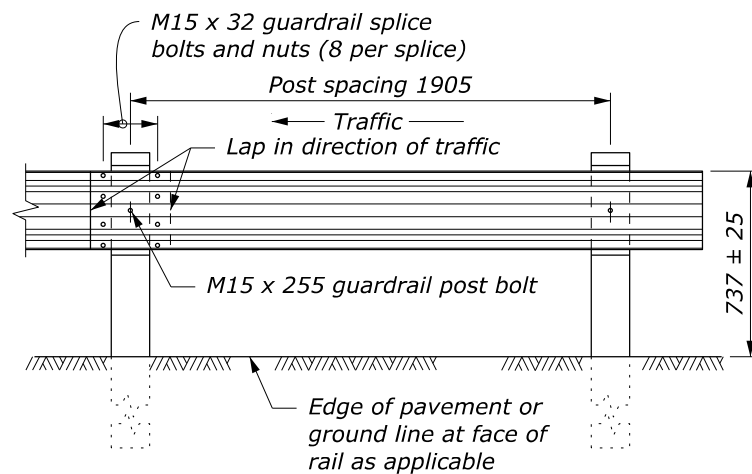


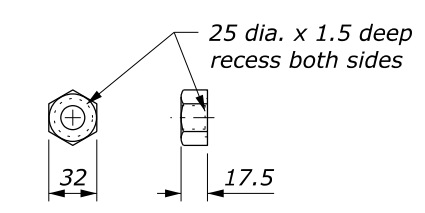
- NOTE:**
- When encountering impenetrable material, see Standard M617-13.
 - See Special Contract Requirements when 2 m or longer posts are specified.
 - See Special Contract Requirements when the alternative hole arrangement is specified.
 - Install delineator every fourth post. Fasten delineator to post using two galvanized 50 mm x 9.5 mm bolts with a washer on both sides, a lock washer, and nut; or fasten as specified by the manufacturer.
 - Modified block may be wood, plastic, or composite material. Use consistent material throughout the length of guardrail run.
 - 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.
 - Furnish hardware in the metric sizes shown. Equivalent US Customary sizes may be used when metric sizes are unavailable.
 - Dimensions without units are millimeters.

W BEAM RAIL



L	Thread Length
32	30 minimum
50	45 minimum
255	100 minimum
460	100 minimum
640	100 minimum

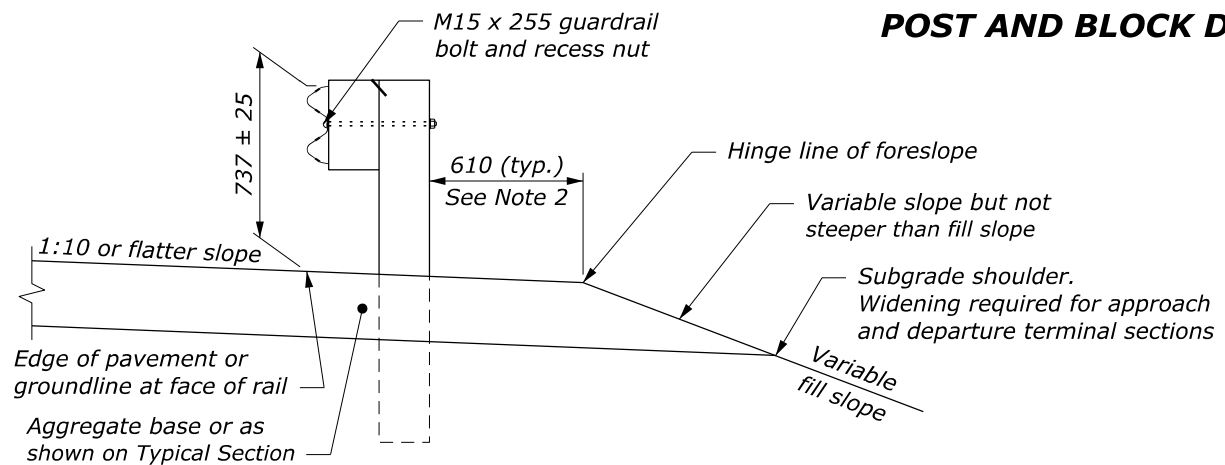
M15 GUARDRAIL BOLT



M15 RECESS NUT

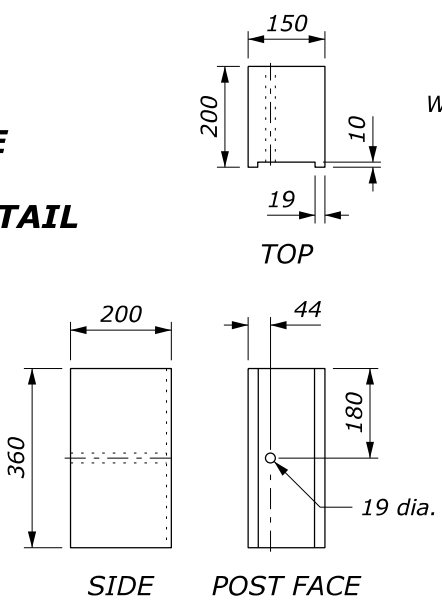
GUARDRAIL BOLT AND RECESS NUT

POST SPACING STANDARD POST SECTION

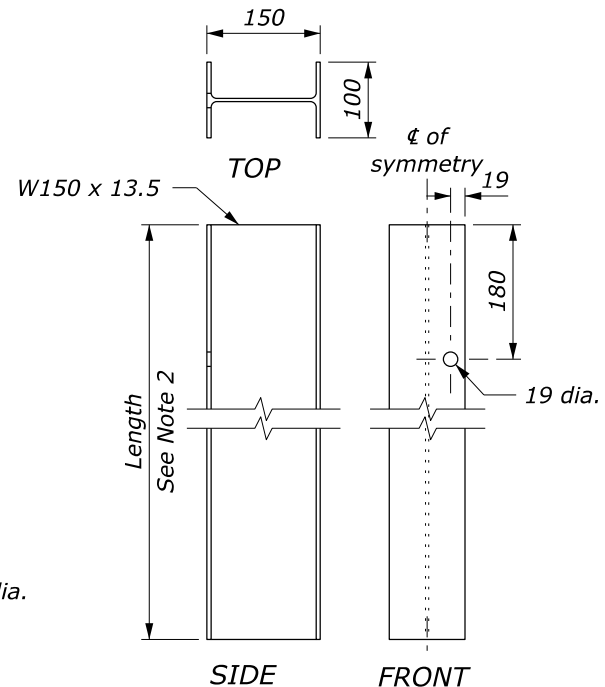


TYPICAL GUARDRAIL CROSS SECTION

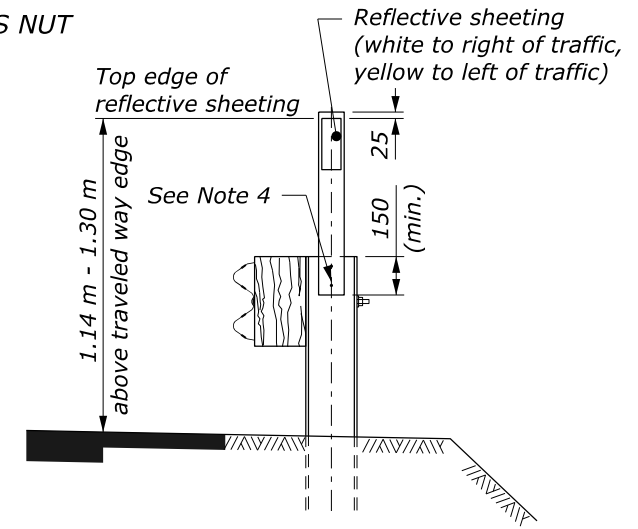
ALTERNATE HOLE ARRANGEMENT POST AND BLOCK DETAIL



BLOCK



STRUCTURAL SHAPE POST (STANDARD HOLE ARRANGEMENT)



FLEXIBLE GUIDE POST GUARDRAIL MOUNT

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 OFFICE OF FEDERAL LANDS HIGHWAY
 METRIC FLH STANDARD
G4 W-BEAM GUARDRAIL STEEL POSTS
 STANDARD APPROVED FOR USE 3/1996
 REVISED: 6/1997 12/1998 6/2005 7/2022
 STANDARD M617-11

NO SCALE

10 August 2022 1:35 PM c:\pwwork\0419223\Std617-11.dgn [Std: M617-11]