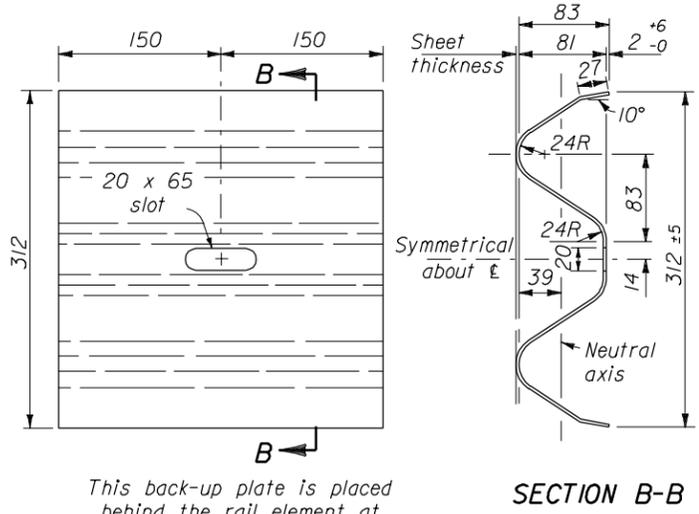


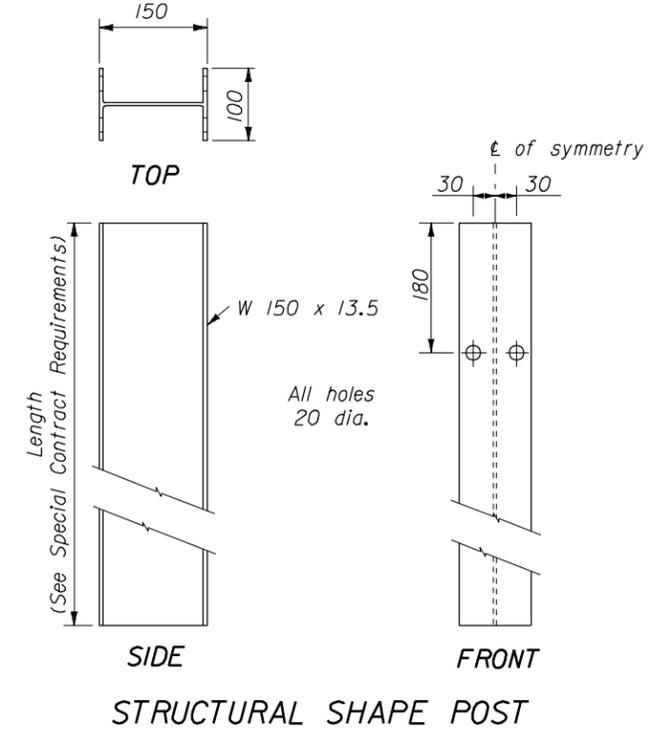
SECTION A-A



SECTION B-B

This back-up plate is placed behind the rail element at intermediate (non-splice) posts.

W BEAM BACK-UP PLATE



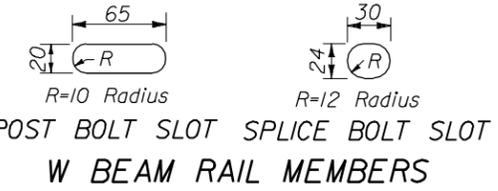
STRUCTURAL SHAPE POST

- NOTES:
1. Unless otherwise shown, dimensions are in millimeters.
 2. 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.
 3. Furnish hardware in the metric sizes shown. Equivalent imperial sizes may be used when metric sizes are not available.

20 dia. (typ.). Upper 2 holes for raising guardrail to accommodate future overlays.

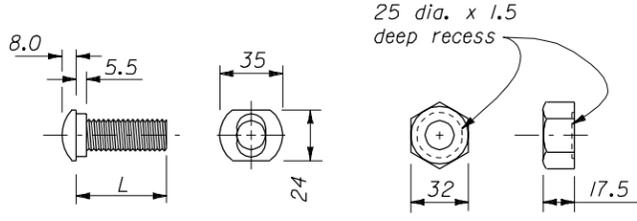
Post length stamp 35 high

RAIL ELEMENT ELEVATION



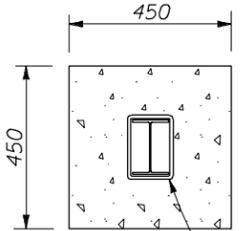
L	Threaded Length
35	Full length
50	30 minimum
255	45 minimum
460	100 minimum
640	100 minimum

W BEAM RAIL MEMBERS

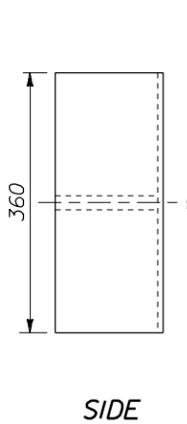


M16 BUTTON HEAD BOLT M16 RECESS NUT

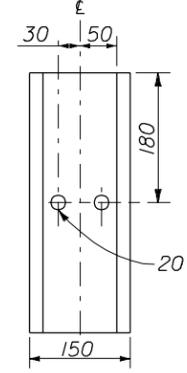
BUTTON HEAD BOLT AND RECESS NUT



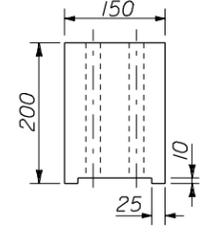
CONCRETE ANCHOR FOR SHORT GUARDRAIL POST



SIDE

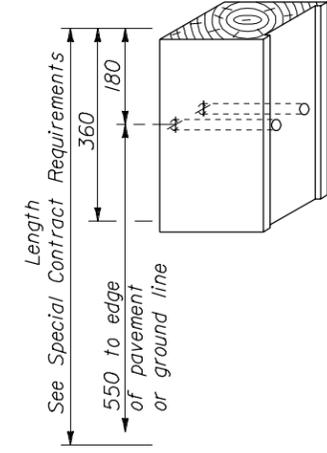


FRONT

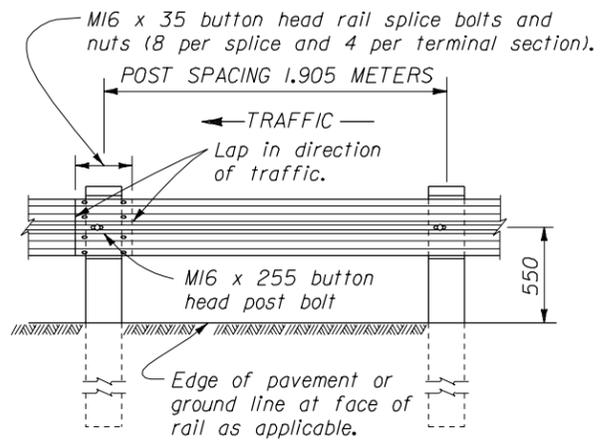


TOP

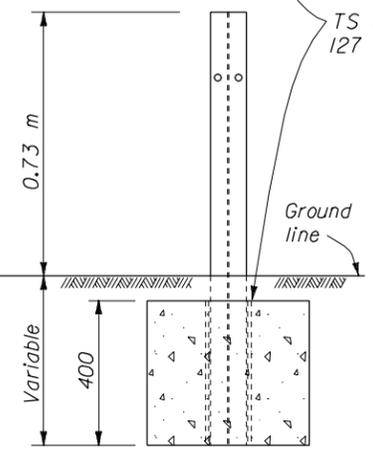
WOOD BLOCK



ALTERNATE HOLE ARRANGEMENT POST AND BLOCK DETAIL

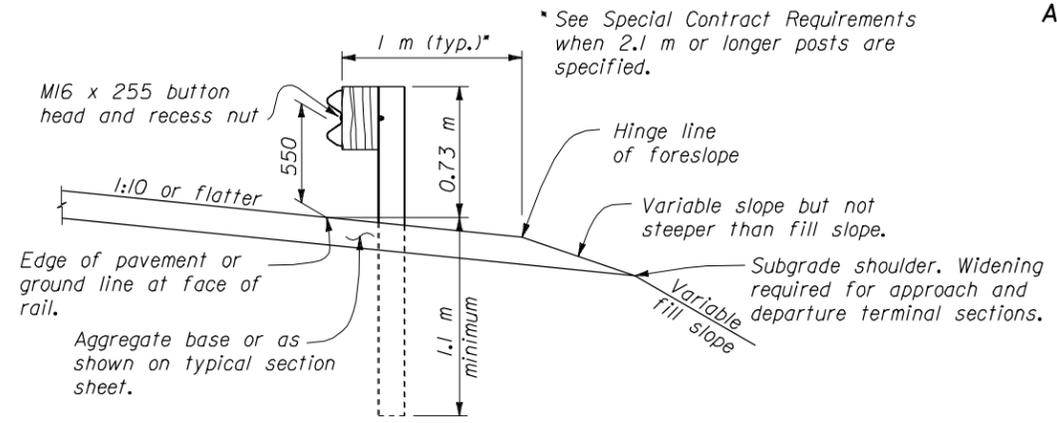


POST SPACING STANDARD POST SECTION



Use 500 diameter round anchor or 450 square anchor. Reduced size acceptable in solid rock.

CONCRETE ANCHOR FOR SHORT GUARDRAIL POST



TYPICAL GUARDRAIL CROSS SECTION

NO SCALE

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

METRIC STANDARD

G4 W BEAM GUARDRAIL
 STEEL POSTS

STANDARD APPROVED FOR USE --/----

REVISED: 06/97 07/98

STANDARD M617-18