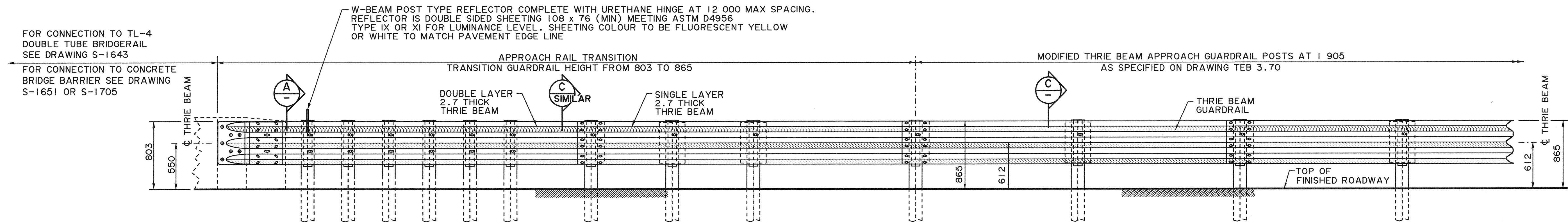
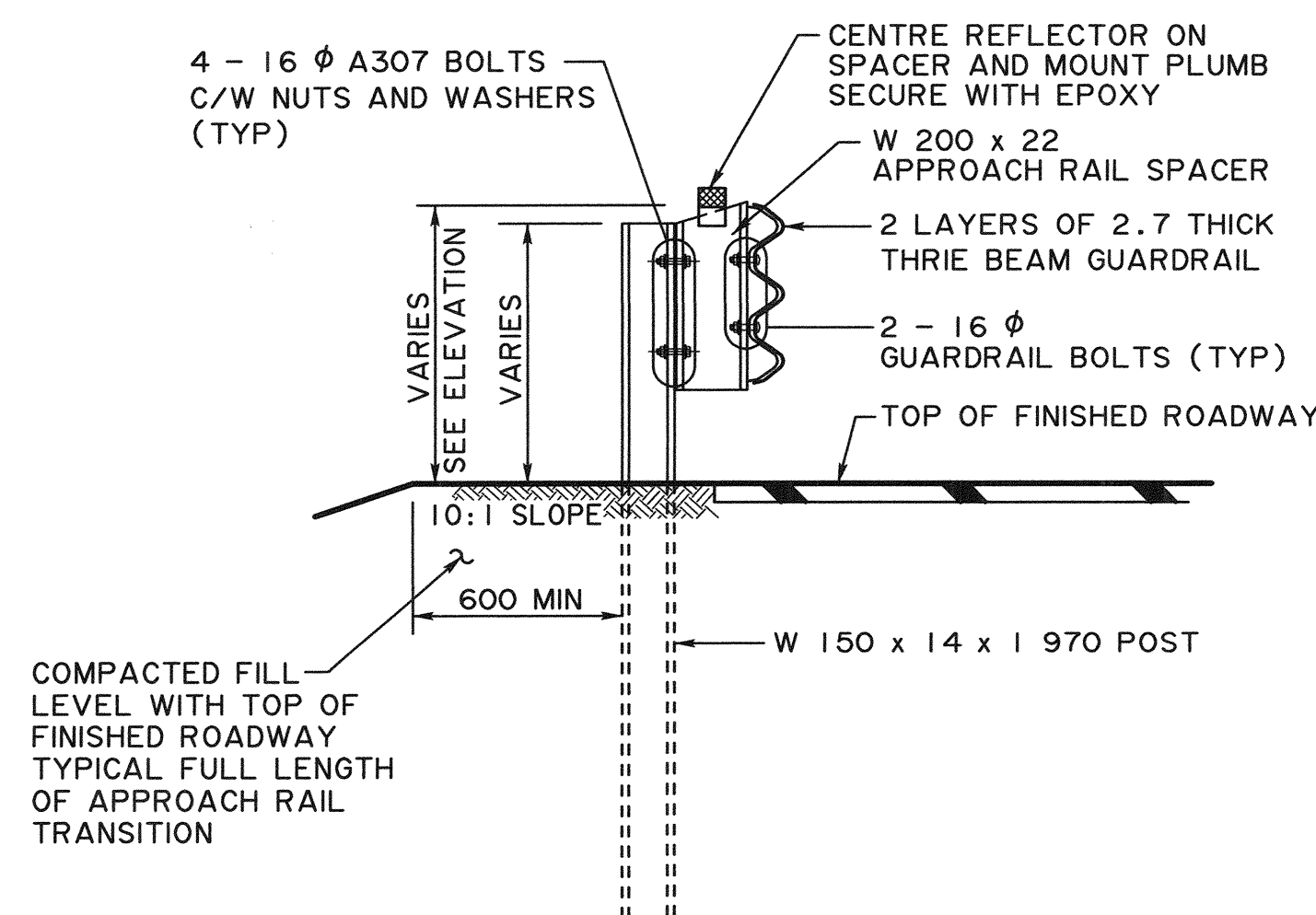


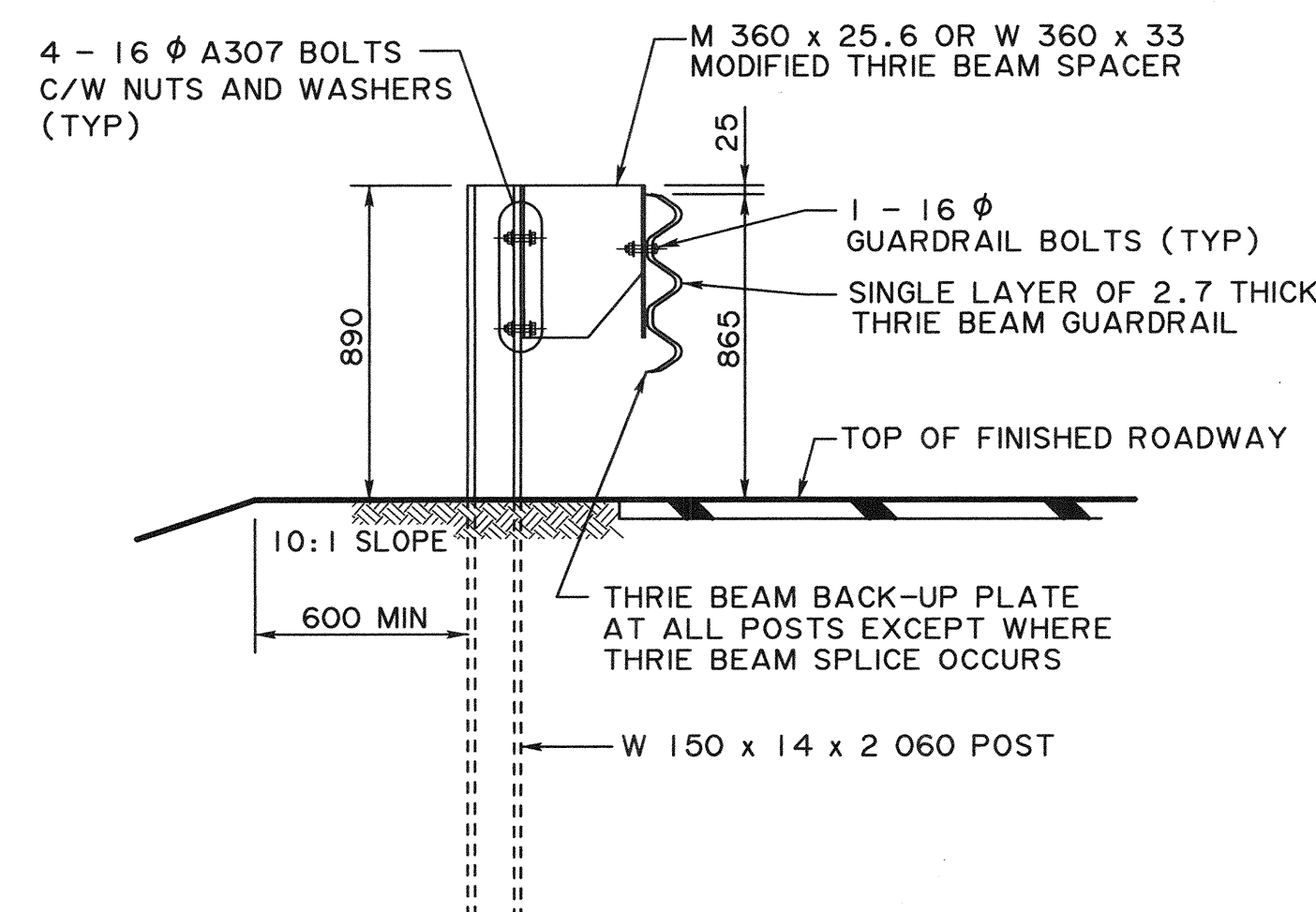
APPROACH RAIL TRANSITION PLAN
1:25



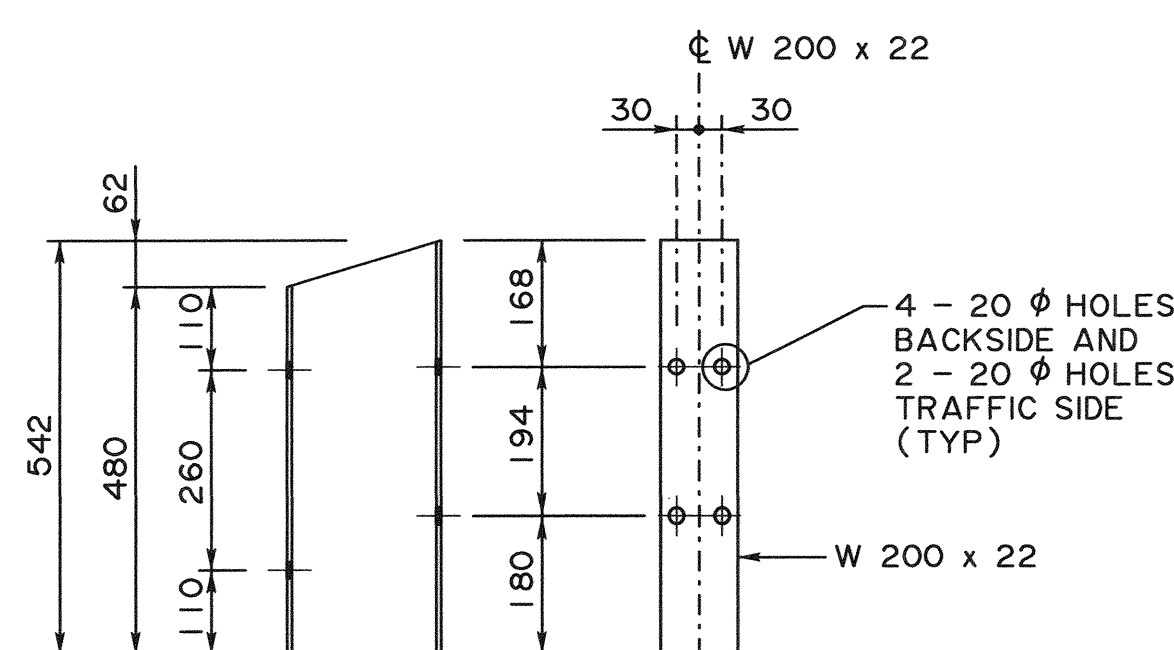
APPROACH RAIL TRANSITION ELEVATION
1:25



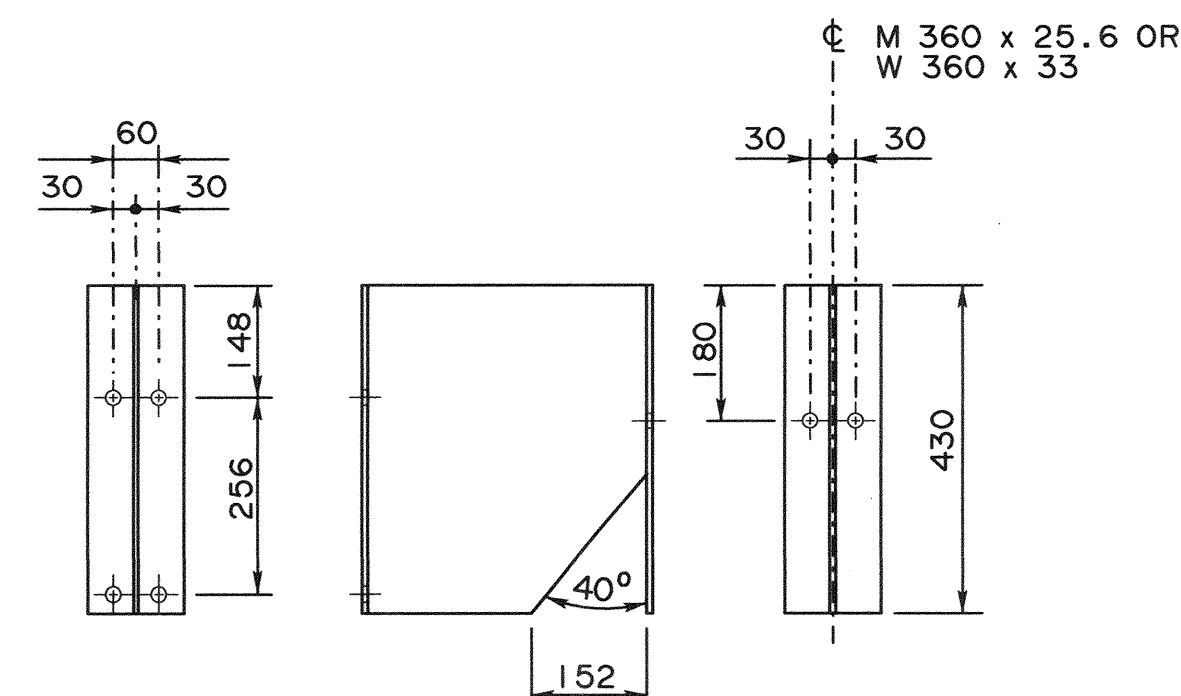
SECTION A
FOR REMAINING DETAILS SEE SECTION B ON DRAWING S-1643 1:20



SECTION C
FOR REMAINING DETAILS SEE DRAWING TEB 3.70 1:20



SPACER DETAIL
(W 200 x 22 APPROACH RAIL) 1:10



MODIFIED THRIE BEAM SPACER DETAIL
1:10

GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
- APPROACH RAIL TRANSITION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION SECTION 12 AND SECTION 14
- ALL PLATE STEEL AND STRUCTURAL SHAPES SHALL CONFORM TO CSA G40.21M GRADE 350W OR ASTM A36
- ALL GUARDRAIL BOLTS, NUTS AND WASHERS SHALL CONFORM TO AASHTO M180. ALL BOLTS FOR CONNECTING THE STEEL SPACER TO POST SHALL CONFORM TO ASTM A307
- ALL NUTS AND WASHERS SHALL CONFORM TO ASTM A563 AND F436 RESPECTIVELY UNLESS NOTED OTHERWISE
- ALL THRIE BEAM GUARDRAIL SHALL HAVE A MINIMUM YIELD STRENGTH OF 345 MPa
- ALL MATERIALS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123/A123M AND ASTM F2329 UNLESS NOTED OTHERWISE
- LAP GUARDRAIL IN DIRECTION OF TRAFFIC TO PREVENT SNAG
- ALL APPROACH RAIL AND TRANSITION RAIL POSTS SHALL BE VERTICAL
- LINE AND ELEVATION OF RAIL SHALL BE SET BY INSTRUMENT
- ANY GALVANIZED MATERIAL CUT OR DAMAGED IN THE FIELD SHALL BE TOUCHED UP WITH TWO COATS OF ZINC RICH PAINT

				RECOMMENDED DIRECTOR BRIDGE ENGINEERING				Alberta Transportation			
				APPROVED EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH				BRIDGERAIL TO MODIFIED THRIE BEAM TRANSITION DETAILS			
REV				DATE				DATE			
DESIGNER				CHECKER				SHEET			
CM				MT				1 OF 1			
DATE				DATE				DRAWING			
2021-3-2				2020-09-04				S-1681-20			