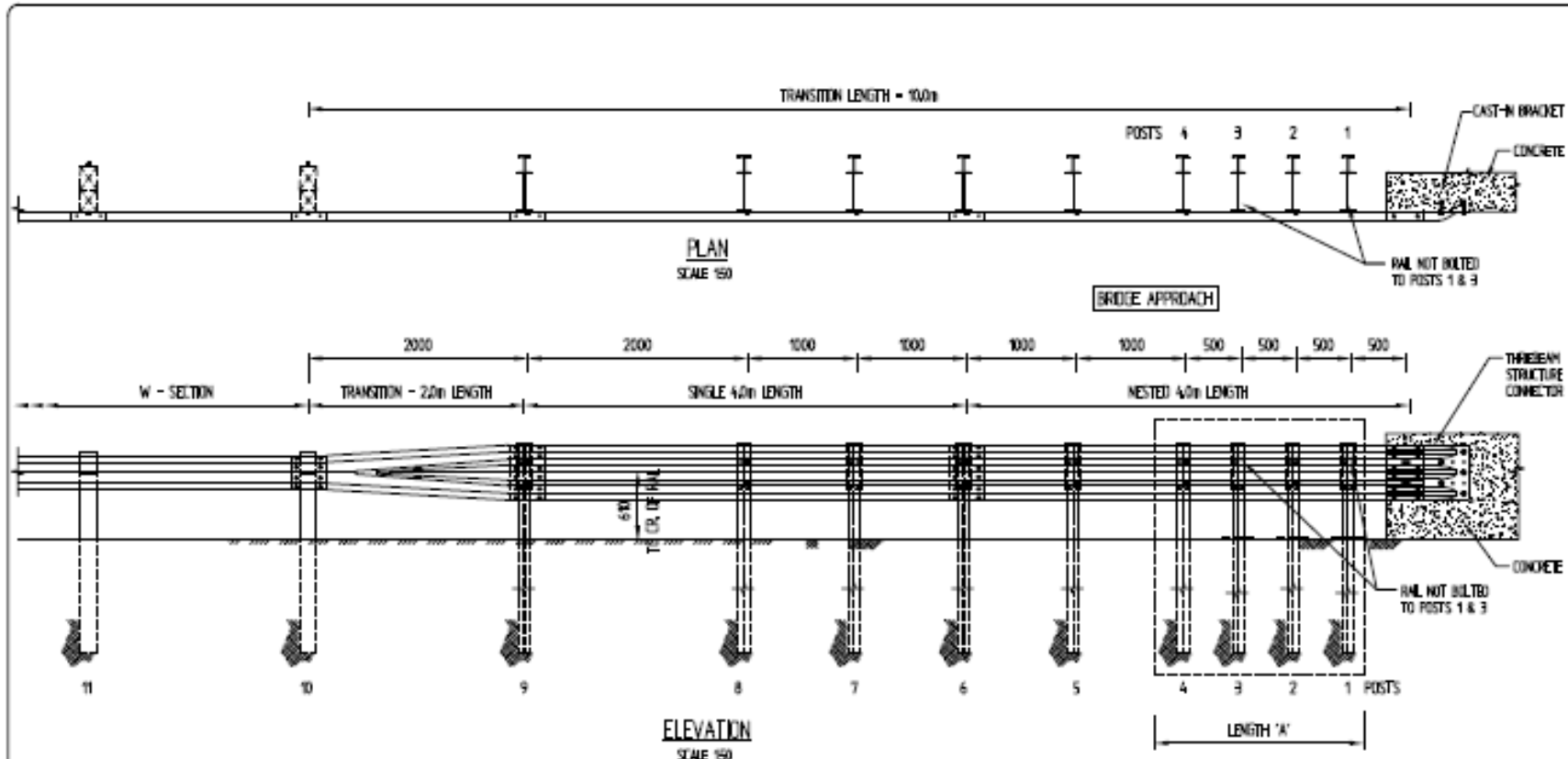


**NOTES:**

1. THE MINIMUM TRANSITION LENGTH FOR W-SECTION TO CONCRETE IS 10.0m.
2. POST # 1, 2, 3 & 4 CAN BE TIMBER, 1980mm LONG OR STEEL T POST 2060mm LONG AND REQUIRE TIMBER BLOCKOUT SECTION MIN. OF 200mm DEEP (ROUTED FOR STEEL). POST # 1 & 3 ARE NOT BOLTED TO THE RAIL.
3. MODIFIED BLOCKOUTS ARE NOT LIKELY TO PERFORM IN THIS LENGTH 'A'
4. WHERE PROPER POST EMBEDMENT CANNOT BE ACHIEVED, STANDARD RHS BRIDGE STEEL POSTS ON STEEL BASE PLATES (AS PER APPENDIX 'B' TRANSIT NZ BRIDGE MANUAL) CAN BE BOLTED TO A CONCRETE BEAM.
5. CENTRE OF RAIL HEIGHT IS 550mm
6. THIRBEAM RAIL & POST BOLT HOLES ARE TO BE AT 1000mm CENTRES

Figure 4

Test Level 3: W-section to Concrete Transition Detail



**NOTES:**

1. THE MINIMUM TRANSITION LENGTH FOR W-SECTION TO CONCRETE IS 10.0m.
2. POST # 1, 2, 3 & 4 CAN BE TIMBER, 1980mm LONG OR STEEL 1" POST 2060mm LONG AND REQUIRE TIMBER BLOCKOUT SECTION MIN. OF 200mm DEEP (ROULED FOR STEEL) POST # 1 & 3 ARE NOT BOLTED TO THE RAIL.
3. MODIFIED BLOCKOUTS ARE NOT LIKELY TO PERFORM IN THIS LENGTH 'A'
4. WHERE PROPER POST EMBEDMENT CANNOT BE ACHIEVED, STANDARD 1" BEAM BRIDGE STEEL POSTS ON STEEL BASE PLATES (AS PER APPENDIX 'B' TRANSIT NZ BRIDGE MANUAL) CAN BE BOLTED TO A CONCRETE BEAM.
5. CENTRE OF RAIL HEIGHT IS 610
6. THREE-BEAM RAIL & POST BOLT HOLES ARE TO BE AT 1000mm CENTRES

Figure 5

Test Level 4: W-section to Concrete Transition Detail