GUARD FENCE ATTACHMENT TO EXISTING BRIDGE END POST

GUARD FENCE RAILING

EXISTING ENPOST

GUARD FENCE CONNECTION PLATE

SECTION A-A

NOTES:

1. AT EXISTING ENPOSTS THE USE OF BONDED ANCHORS AT BRIDGE TERMINAL CONNECTOR AND GUARD FENCE CONNECTION PLATE IS ACCEPTABLE.

2. FOR NEW ENPOSTS CAST-IN FERRULES WITH REINFORCEMENT FOR ANCHOR BOLTS, TERMINAL CONNECTOR AND CONNECTION PLATE MUST BE USED ALTERNATIVELY PROVIDE BOLT CONNECTION THROUGH THE COMPLETE WIDTH OF THE ENPOST.

3. FOR DETAILS OF STEEL POSTS, BLOCKS, BOLTS AND CONCRETE PAVING REFER SD 1641.

4. BACKING RAIL 380mm LONG WITH GUARD RAIL PROFILE SHALL BE PROVIDED AT ALL INTERMEDIATE POSTS FOR SINGLE W-BEAMS NO BACKING RAIL IS REQUIRED FOR NESTED W-BEAMS.

5. FOR THE GEOMETRY OF THE GUARD FENCE APPROACHES REFER SD 4071 AND CONSTRUCTION DRAWINGS.

6. WHERE THE FACE OF GUARD FENCE IS ERICED WITHIN 8 TO 10M BEHIND THE BACK OF KERB, THE MOUNTING HEIGHT SHALL BE MEASURED FROM THE ADJACENT ROAD PAVEMENT SURFACE.

7. WASHERS ARE NOT TO BE PROVIDED AT POST BOLTS.

8. REFER TO BRIDGE DRG 183167 FOR GUARD FENCE CONNECTION PLATE.

GENERAL NOTES:

1. GUARD FENCE - LAYOUTS FOR BRIDGE APPROACHES SD 4671
2. GUARD FENCE (TYPE BI) - STEEL POST SD 3661
3. ALL DIMENSIONS ARE IN METERS UNLESS SHOWN OTHERWISE

BOLT SCHEDULE FOR GUARD FENCE CONNECTION PLATE

8 SPIKE BOLTS
8 OVERSIZE NUTS
3 BONDED ANCHORS

* REFER SD 3661 FOR BOLT DETAILS

SECTION B-B

BONDED ANCHOR OR BOLTS INTO FERRULES

GUARD FENCE CONNECTION PLATE

2 x W-BEAM NESTED

ED

SD 4084 C