Installation Details for Concrete Margins/Batters

Notes:
1. Road Edge Guide Posts to be timber, OHS with any departmental compliant product installed in accordance with the manufacturer's specifications.
2. Road Edge Guide Posts, in addition to the requirements as shown in this drawing, are to comply with the requirements specified in WRTS14.
3. Deflectors to comply with the requirements specified in WRTS14.
4. Fixing, Alignment and spacing to be as detailed in the Manual of Uniform Traffic Control Devices (Part 2 - Section 4.2.4) unless specified otherwise in the Contract.
5. OHS posts and sleeves to be hot-dipped galvanised, subsequent to fabrication, to AS/NZS 4680.
6. Roadways - Spacing to be 25m, with the posts in pairs. Guide posts installed on roadways to be Tubular Steel.
7. Dimensions are in millimetres unless shown otherwise.

Associated Departmental Documents:
- Standard Drawings
- Specifications
- Manual of Uniform Traffic Control Devices (MUTCD)

Referenced Documents:
- Departmental Specifications: WRTS14 Road Furniture
- Australian Standards:
  - AS/NZS 1163 Cold-Formed Structural Steel Hollow Sections
  - AS/NZS 1532 Hot-dip galvanized steel bolts with associated nuts and washers for structural engineering
  - AS/NZS 1906.2 Retroreflective materials and devices for road traffic control purposes - Retroreflective devices (non-powered applications)
  - AS/NZS 4680 Hot-dip Galvanized (Zinc) Coatings on Fabricated Ferrous Articles

Road Edge Guide Posts

Post and Installation Details

Installation variations:
- For lengths of embankment
- Inside face of post to be generally beyond the shoulder edge
- Culvert/Drainage
  - Where culvert headwall is at or inside the hinge point, provide REF's. Inside face of post to be generally beyond the shoulder edge but always line with the adjacent culvert headwall.
  - Where the culvert headwall is outside the hinge point, REF's are not required.
- Post length
  - Post lengths are to be increased when placed beyond the formation edge to allow for slope.

Traffic Lanes

Shoulder

Guide Post

Hinge Point

Crossfall