

Trailing End Terminal Installation

Materials

As packaged, both Trailing End Terminals include all materials needed for a complete installation of 3.81m in length. Concrete footings or foundations are not required.

Site Preparation

Minor site grading may be necessary for guardrail installations beyond the edge of the shoulder to prevent the steel tubes from extending more than 100mm above the ground.

Tools Required

Tools required are those ordinarily used to install standard highway Flexrail. They include 14, 24, 32 & 38mm sockets and wrenches and other equipment such as augers and post pounders commonly used in driving posts.

Assembly and Installation

Assembly and installation should be undertaken in accordance with AS/NZS 348: 1999, TNZ M23 and CSP Pacific CAD drawings FX348-2 or FX348-3.

Installation Checklist

- The rail height (top) is in accordance with the plans (706mm above the edge of the shoulder or the ground line)
- The steel tubes/posts do not protrude more than 100mm above the ground line (measured by the AASHTO 1.5m cord method), site grading may be necessary to meet this requirement.
- The bolts at the top of the steel tubes are not over tightened and the walls of the steel tubes are not collapsed/distorted.
- The 200mm x 200mm bearing plate at post 1 is correctly positioned and the anchor cable is taut and correctly installed (it should be rechecked after installation to be sure it hasn't relaxed.)
- Blockouts have been toe nailed to the posts.
- The backfill material around the posts is properly compacted.
- The rail panel is not attached to the post at post No.2. The rail sits on the shelf angle only.



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Maintenance

Maintenance consists of periodically checking the system to see that the cable is taut, the nuts have not been removed from the cable, and the blockouts have not rotated.
