

### 701.01 DESCRIPTION

This section covers the requirements for the supply, delivery and installation of guide posts including delineators.

### 701.02 SUPPLY OF POSTS

All posts shall be supplied and delivered by the Contractor.

### 701.03 POSTS

Guide posts shall be either timber or an approved alternative material.

#### (a) Timber Posts

Posts shall be of timber dried to equilibrium moisture content, sawn from vesi, yasi, kaudamu or of pine timber pressure treated.

All timber shall be sawn from the sound truewood of mature trees and shall have the grain parallel to the length of the piece. Timber shall be free from insect life (white ants, borers, grubs etc) dead timber, cracks, gum veins and pockets, wavy edges and other defects. No knots shall be exposed on the 50mm face, and any knots exposed on the 100mm face shall be round, tight, well shaped and shall not exceed 20mm in size.

Posts shall be of rectangular section 100mm x 50mm nominal with all faces sawn plane and square. The top of post shall be cut off at an angle of 30 degrees.

Post dimensions shall be within the following limits:

Width	90 - 100mm
Thickness	45 - 50mm
Length	1.65 - 1.70m

The deviation from straightness on any face shall not exceed 10mm.

#### (b) Other Posts

Posts other than timber posts shall be of a type approved by the Engineer.

### 701.04 PAINTING OF TIMBER POSTS

Before erection each post shall be completely painted with two coats of white paint. Contractor shall submit details of the paint to be used for approval by the Engineer.

After erection the exposed portion of each timber post shall be cleaned and painted with a final coat of all weather white paint.

### 701.05 INSTALLATION OF POSTS

Posts shall be installed at locations specified or directed by the Engineer or as shown on the drawings. Posts shall be set approximately 600mm into the ground in dug or drilled holes with the backfilling well rammed so that posts are vertical and the tops present a uniform profile. Spacing of posts shall be as specified in the Interim Manual Signing and Pavement Marking, 1992.

### 701.06 DELINEATORS

Delineators shall be fixed on guide posts on both sides of the carriageway, to expose to approaching traffic a red delineator on the left and a white delineator on the right.

The delineators shall be fixed to each guard posts, with the centre of the delineator 75mm below the lower top edge of the post and shall be attached by vandal proof screws.

Fixing of delineators to timber posts shall be done by the Contractor after the final coat of paint has been applied.

## 701.07 MEASUREMENT AND PAYMENT

### Guide post with delineators

The unit of measurement shall be the number of posts supplied and erected with delineators fastened.

Payment for supply and erection of Guide Posts with Delineators, including all labour, plant and materials to do the work, shall be at the scheduled rate for all works completed in accordance with the specification.