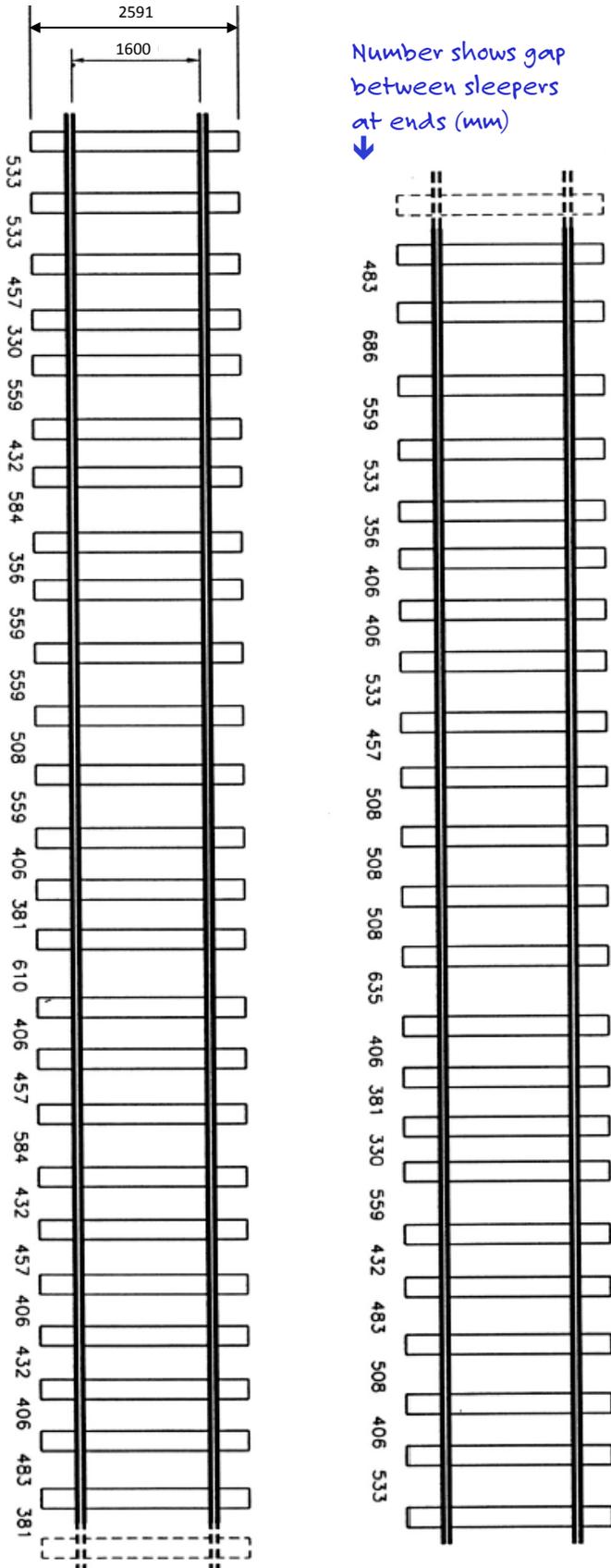


SAR 1600 mm broad gauge track – well-kept secondary mainline measured near Riverton, 1982

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Dimensions shown are millimetres, full size. (Measurements were taken in inches, with a tolerance of about ± half an inch; the mm figures shown are simply the result of metric conversion without rounding.)

Features of this drawing

Rail was in lengths of more than 35 metres. Joints were square (perpendicular).

Moderate variation in sleeper placement was measured: as shown, gaps between sleepers ranged from 152 mm to 559 mm. There was very little skewing and sleepers protruded 410 ± 50 mm from the base of the rail.

Sleeper size (timber): 2590 mm x 254 mm x 127 mm thick. Sleepers were bleached.

Weight of rail: 60 pounds per yard (= 30 kg/m = code 55 in HO).

Ballast was flush with sleeper tops, well topped and lined.

There were slight rust stains near the rail on ballast and sleepers. Small clumps of weeds between sleepers were every 20 metres or so.

Ensure this drawing is the right size

See the fuller wording on other sheets.

After printing this page, measure the actual length of the line labelled “2591”. It should be 29.75 mm long at 1:87.1 scale. Calculate the percentage setting needed to correct it and reprint or photocopy the page at this new setting.

Simulating broad gauge at 16.5 mm

This drawing is for 1600 mm broad gauge track. In HO scale that equates to a gauge of 18.37 mm. If you want to retain a gauge of 16.5 mm (and similarly with scales other than HO) but give the impression of broad gauge, see the fuller wording on other sheets.

Average gap between sleepers 470 mm; average sleeper centre lines 725 mm.

Cont'd upper right (no joint) ↑