

Part 6

EIT – Energy, infrastructure and transport

APP24 – Tracking curves

1. Introduction

This appendix specifies all requirements relating to tracking curves.

2. Clearances additional to tracking curves

- a. A clearance factor is to be added onto the 85 percentile tracking curves as an allowance for driver unfamiliarity, vehicle steering variation, manoeuvring past obstacles and variations in approach manoeuvring in accordance with the standards below in APP24.2.b, APP24.2.c, APP24.2.d, APP24.2.e.

b. Residential activities

A minimum clearance of 300mm must be applied to both sides of the 85 percentile car tracking curve of this design vehicle for any part of the vehicle manoeuvre. This standard does not apply to:

- i. any manoeuvre within a parking space; or
- ii. any manoeuvre through an opening to a parking space (such as garage doors); or
- iii. any part of a manoeuvre not involving horizontal turns or changes in direction.

c. Activities other than residential (85 percentile car tracking curve)

Using the 85 percentile car tracking curve a minimum clearance of 600mm must be applied to both sides of the 85 percentile tracking curve of this design vehicle for any part of the vehicle manoeuvre. This standard does not apply to:

- i. any manoeuvre within a parking space; or
- ii. any manoeuvre through an opening to an outdoor parking space; or
- iii. any part of a manoeuvre not involving horizontal turns or changes in direction.

For the avoidance of doubt, the 600mm clearance factor is required for any part of a manoeuvre through an entrance or exit of a building or enclosed area.

d. Activities other than residential (tracking curves other than 85 percentile car tracking curves)

For other than residential activities using the tracking curves other than the 85 percentile car tracking curve, a minimum clearance of 600mm must be applied to both sides of the 85 percentile tracking curve of the particular design vehicle for any part of the vehicle manoeuvre. This standard does not apply to:

- i. any manoeuvre within a parking space; or
- ii. any manoeuvre through an opening to an outdoor parking space.

For the avoidance of doubt, the 600mm clearance factor is required for any part of a manoeuvre through an entrance or exit of a building or enclosed area.

e. Obstructions to tracking curve clearances

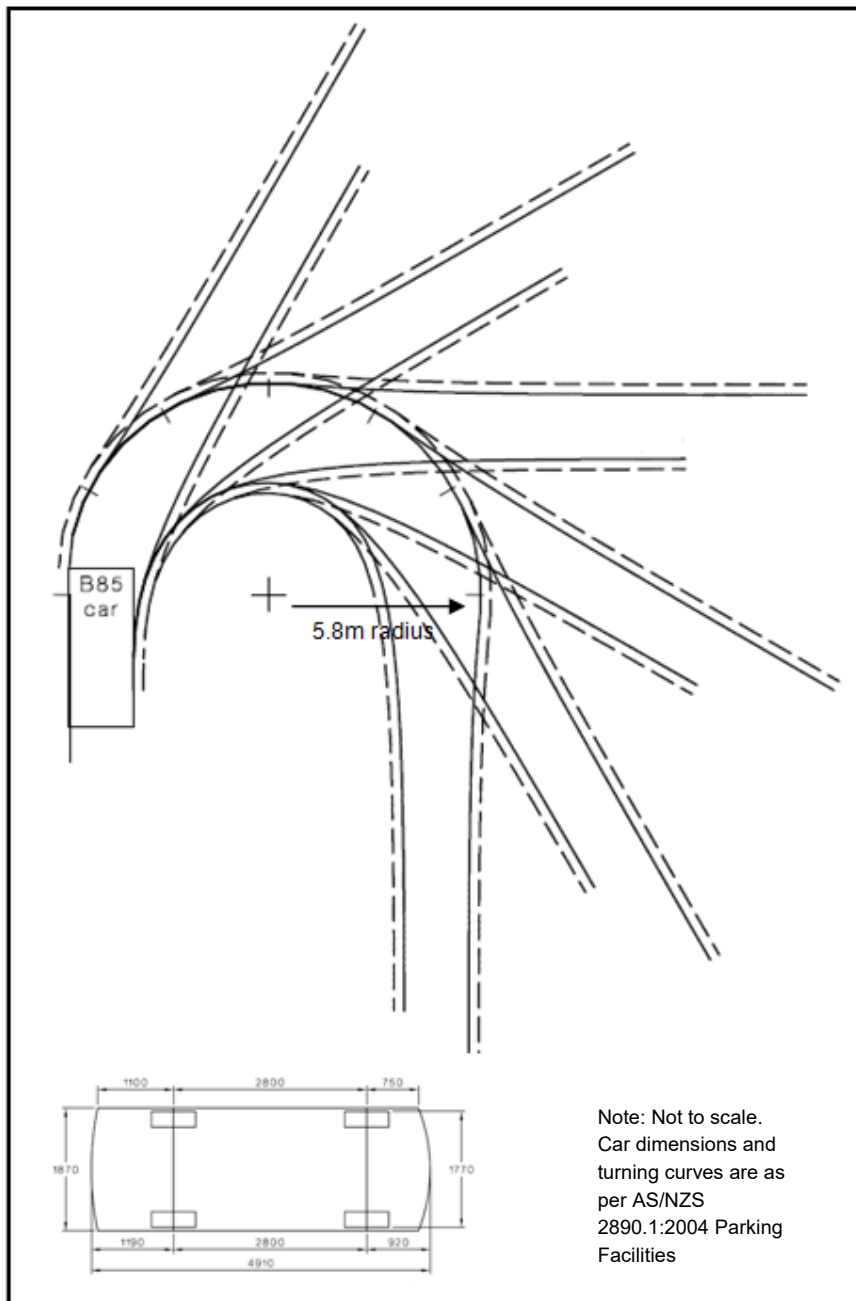
No structure, object, building or part of a building shall obstruct the minimum clearance from the ground level or finished floor level if within a building, up to a height of:

- i. 2.3 metres in the case of an 85 percentile car tracking manoeuvre; or
- ii. 4.4 metres (minimum) in the case of any other vehicle manoeuvre.

3. 85 percentile car - tracking curves

Minimum required clearance, refer to rules under APP24.2.

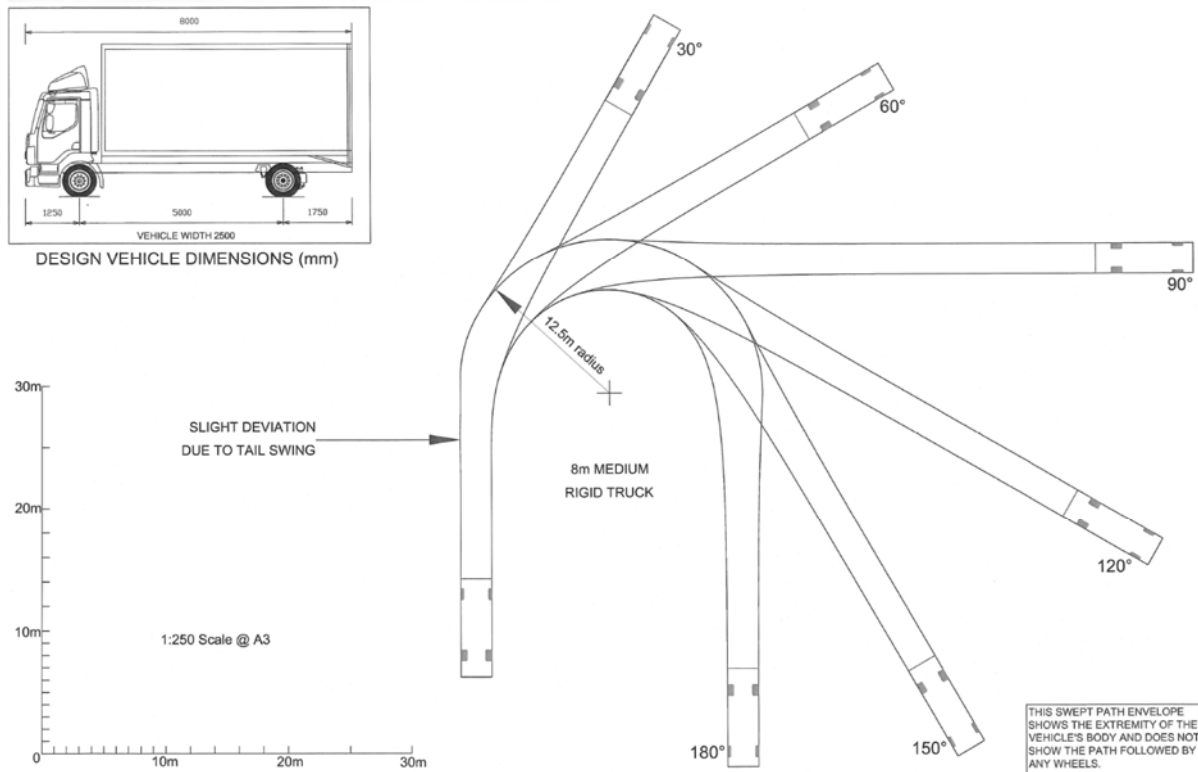
APP24 – Figure 1: Car tracking curves for 85 percentile



4. 85 percentile two axle truck - tracking curves

Minimum required clearance, refer to rules under APP24.2.

APP24 – Figure 2: Two axle truck tracking curves

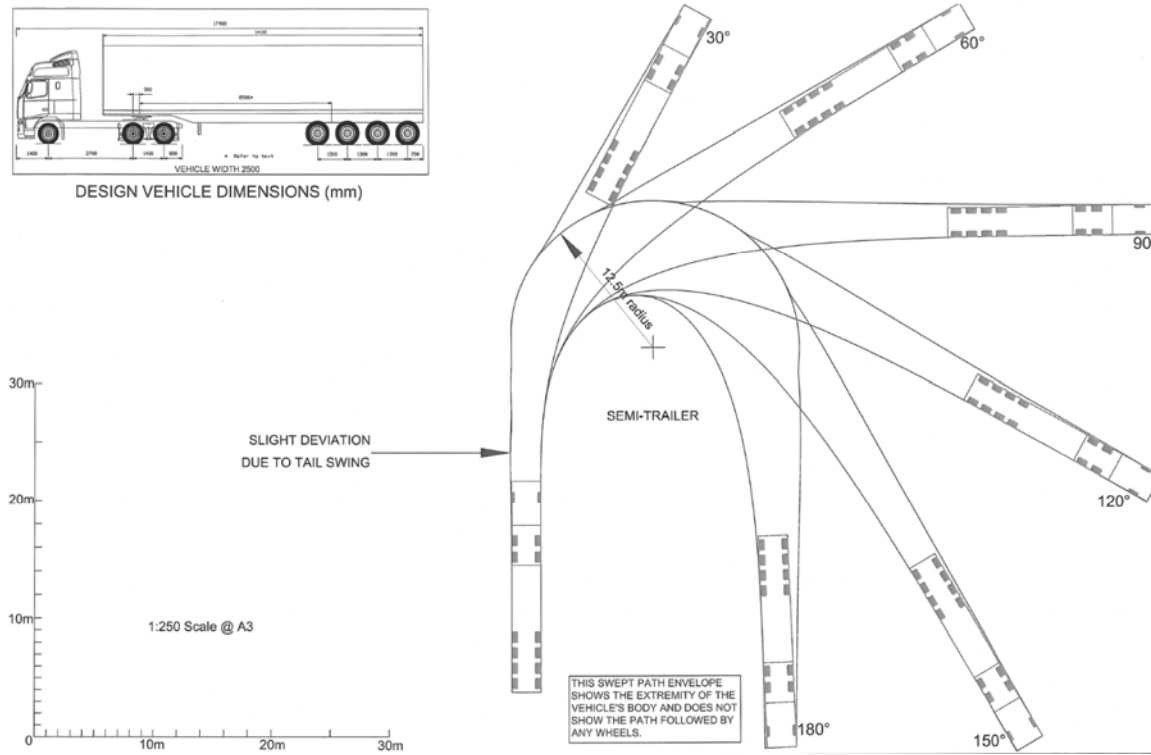


Reference: NZ Transport Agency RTS18

5. 85 percentile semi-trailer - tracking curves

Minimum required clearance refer to rules under APP24.2.

APP24 – Figure 3: Semi-trailer tracking curves

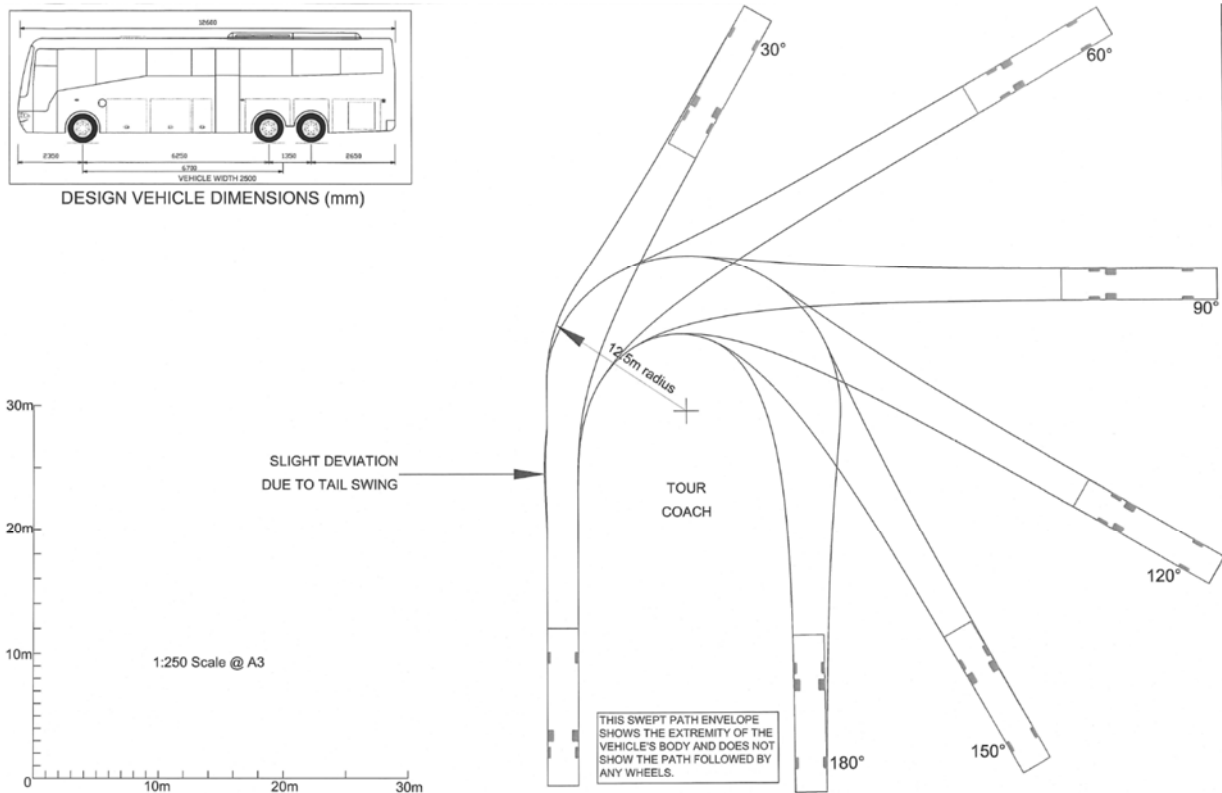


Reference: NZ Transport Agency RTS18

6. 85 percentile tour coach - tracking curve

Minimum required clearance refer to rules under APP24.2.

APP24 – Figure 4: Tour coach tracking curve



Reference: NZ Transport Agency RTS18

7. Assessment criteria for resource consents

In considering resource consents for land use activities, in addition to the applicable provisions of the RMA, the Nelson City Council shall apply the relevant assessment criteria listed in APP23 – Standards and terms for parking and loading.