

Table 22. Forest road specification

Feature	Dimensions and Comment
Tree Clearance	15 metres minimum
Interceptor Drains	2 or 3 excavated drains minimum of 3m from upper edge of roadway
Gradient	Maximum 1 in 10 on straight sections or 1 in 12 on curves.
Horizontal curves	Minimum radius 20 metres
Formation Width	Minimum 5.5 m on flat cross sections. Variable on side slopes with proviso that at least 4 m of total width is on solid parent material.
Camber	200 - 300 mm for mineral soils and shallow peats Not less than 300 mm for deep peats
Formation Work	(i) Strip organic/ peat soil over a minimum width of 7m (ii) Excavate and camber sub-grade material (iii) Grade and compact with a vibrating roller (iv) Provide stream and formation run – off culverts at 40 to 100 m intervals
Carriageway Width	3.4 metres with a 100 mm camber
Pavement	Base course & surfacing or combined single course
Bearing Capacity	Must be able to withstand a gross vehicle weight of 38 tonnes
Turning circle for bell mouths and internal T-junctions	Adequate for timber truck minimum 12m radius turning circle

## 19.9 Grant Rates

Grants of up to 80% of the cost incurred in the construction of a forest road are available subject to the maximum described in the table below. Applicants may build roads in excess of the density below to acceptable standards but grant aid will not exceed these maximum rates per hectare.

Road	€ / Linear metre	€ / Ha	Density (metre/ ha)
Harvesting	28.57	571.40	20
Harvesting upgrade (where development road grant was previously received)	28.57	371.41	13
Development and Management	28.57	199.99	7
Bell Mouths*	28.57	857.10	30

\* All plantations, irrespective of size, are eligible for grant aid to construct a bell mouth equivalent to 30m