



An Roinn Talmhaíochta,  
Bia agus Mara  
Department of Agriculture,  
Food and the Marine

# Forest Road Scheme

This scheme is subject to an ongoing Strategic Environmental Assessment (SEA) & Appropriate Assessment (AA) process.

The Minister therefore reserves the right to revise the terms & conditions of this scheme in accordance with the relevant findings.

Applicants may therefore be required to “opt-in” to any revised terms & conditions before a decision is made on their application.

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**Terms and conditions of this Scheme may change. To see the latest version of this document please see [www.gov.ie/forestry](http://www.gov.ie/forestry)**

# Contents

<b>1. Introduction .....</b>	<b>5</b>
<b>2. General Outline and Legal Basis .....</b>	<b>6</b>
<b>3. State Aid requirements .....</b>	<b>7</b>
<b>4. Objectives of the Forest Roads Scheme .....</b>	<b>9</b>
<b>5. Scheme Eligibility.....</b>	<b>10</b>
<b>6. Grant Aid Rates .....</b>	<b>11</b>
<b>7. Conditions of Aid .....</b>	<b>13</b>
<b>8. Additional Forest Road measures .....</b>	<b>19</b>
8.1 Special Construction Works .....	19
8.2 Engineering Design Support Measure .....	20
8.3 Ecologically Enhanced Forest Roads .....	21
<b>9. Application Procedure .....</b>	<b>22</b>
9.1 Environmental Considerations .....	23
9.2 Environmental Impact Assessment.....	23
9.3 Screening Process .....	23
9.4 Appropriate Assessment .....	23
9.5 Other Information .....	24
9.6 Consultations and Public Notification Procedure .....	24
9.7 Pre-Approval.....	24
<b>10. Construction Standards .....</b>	<b>26</b>
<b>11. Good Practice and SFM .....</b>	<b>26</b>
<b>12. Payment .....</b>	<b>26</b>
<b>13. Penalties .....</b>	<b>26</b>
<b>14. Appeals .....</b>	<b>27</b>
<b>15. Management Plans.....</b>	<b>27</b>
<b>16. Right of Entry.....</b>	<b>27</b>
<b>17. Forest Management .....</b>	<b>28</b>
<b>18. Insurance .....</b>	<b>28</b>
<b>19. Failure to abide by the terms and conditions of the scheme .....</b>	<b>28</b>
<b>20. Overpayments .....</b>	<b>29</b>
<b>21. Review of Financial Aids .....</b>	<b>29</b>
<b>22. Procedures .....</b>	<b>29</b>
<b>23. Tax Clearance Requirement .....</b>	<b>29</b>
<b>24. Value Added Tax .....</b>	<b>29</b>
<b>25. Information and Data Protection.....</b>	<b>29</b>
<b>26. Further Conditions .....</b>	<b>30</b>

<b>27. Forestry Act 2014 .....</b>	<b>30</b>
<b>Annex 1 .....</b>	<b>31</b>
<b>Annex 2 Forest Road Specification .....</b>	<b>32</b>
<b>Annex 3 Forest Road Scheme Required Information.....</b>	<b>33</b>
<b>Annex 4 Penalties.....</b>	<b>34</b>
<b>Annex 5 Forest Road Design Junction and Bellmouths .....</b>	<b>35</b>
<b>Annex 6 Definitions.....</b>	<b>37</b>

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# 1. Introduction

The Forest Roads scheme provides opportunities and supports to forest owners to facilitate and improve access to forests to enable forest management and the harvesting and transport of timber. The scheme aims to provide for high quality and well-designed forest access that can accommodate a variety of forest management objectives, including environmental objectives and recreation.

Forest roads can provide additional biodiversity opportunities by increasing the amount of open space and forest edges, providing corridors for foraging and connectivity between habitats, and facilitating thinning which can open the canopy. The interface between the forest edge and the forest road provides many opportunities for additional biodiversity enhancement throughout the rotation.

This document should be read in conjunction with the Code of Best Forest Practice – Ireland, the current suite of environmental guidelines as published by the Forestry Division and The Forest Roads Manual (COFORD) in conjunction with any relevant circulars issued.

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## 2. General Outline and Legal Basis

### 2.1 General Outline and Legal Basis

The Legal basis for the Scheme is established under Section 6 of the Forestry Act, 2014.

- The Scheme shall operate for a period to be determined by the Minister.
  - The scheme is 100% Exchequer funded under the following legal framework.
  - Is operated pursuant to the European Commission's Regulation (EU) 2022/2472 of 14 December 2022 declaring certain categories of aid in the agricultural and forestry sectors and in rural areas compatible with the internal market in application of Articles 107 and 108 of the Treaty on the Functioning of the European Union.
  - The scheme is subject to [Council Regulation \(EC\) No 2015/1589 of 13 July 2015 laying down detailed rules for the application of Article 108 of the Treaty on the Functioning of the European Union \(codification\)](#) – the **Procedural Regulation** - (Codification of Council Regulation (EC) 659/1999 as amended), which governs the procedure on recovery of aid.
- 2.2 The Scheme is administered by the Department of Agriculture, Food and the Marine and operates throughout the State.
- 2.3 The Scheme shall be operational from 24<sup>th</sup> April 2023 for a period to be determined by the Minister for Agriculture, Food and the Marine. Participation in the Scheme is voluntary.
- 2.4 In accordance the Forestry Regulations 2017 (SI 191 of 2017), all forest road construction projects (whether availing of grant aid or not) must obtain prior written approval from the Department of Agriculture, Food and the Marine, hereafter referred to as an approval.
- 2.5 For non-grant aided applications a technical approval of the project, i.e. a licence, is required. Forest Roads constructed without prior approval will not be eligible for grant assistance. Furthermore, persons who undertake forest road construction without prior approval may be liable to prosecution under Section 22 (7) of the Forestry Act, 2014 and could be ordered by a Court upon conviction to remove the road and to restore the land to its condition prior to the commencement of the development within a specified timeframe,

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## 3. State Aid requirements

The main elements that require input by the applicant are:

### 3.1 Incentive Effect

This applies only where the applicant is a small/medium enterprise SME. Small to medium sized enterprises (SMEs) are defined in the EU Recommendation 2003/361/EC) The applicant/enterprise must indicate on the application form for aid that “The work described herein would not have been undertaken without the financial support provided under State Aid rules. Without this aid there would be no change to current activities.”

For large companies documentary evidence must be submitted in relation to the counterfactual for each of the measures proposed (i.e., what would happen without the aid?). This involves a credibility check of the counterfactual to establish that the company would not carry out the proposed work in the absence of aid. A counterfactual is credible if it is genuine and relates to the decision-making factors prevalent at the time of the decision by the beneficiary regarding the activity.

Large companies must submit an internal company document (separate to the application form) showing that the company has analysed the viability of the project – with and without aid – and showing the incentive effect. The document must clearly state what would have happened without the support available under the Forest Roads Scheme.

That means that the documentation (internal report) produced by the company must establish that the aid will cause at least one of the following:

- a material increase in the size of the project /activity, or
- a material increase in the scope of the project / activity, or
- material increase in the total amount spent by the beneficiary on the project/activity or
- a material increase in the speed of completion of the project/activity concerned

DAFM will require that the company document shows a credible analysis and demonstration of the incentive effect. The document should contain an analysis which answers the following questions:

- Would the project proceed without State Aid assistance?
- Would the level of project expenditure be less without State Aid support? If so, indicate by how much?

This information should indicate changes in the project size, scope and total spend. Where required, this incentive effect document should be submitted with the relevant Forest Roads Scheme Form 1. As part of its evaluation of the application, the Forest Service will assess whether or not the incentive document meets the requirements set out above and is fully compliant with the State Aid rules as outlined in Commission Regulation (EU) 2022/2472 of 14 December 2022 declaring certain categories of aid in the agricultural and forestry sectors and in rural areas

compatible with the internal market in application of Articles 107 and 108 of the Treaty on the Functioning of the European Union

### 3.2 Proportionality of the aid

Aid granted under this scheme must be proportionate. Support is considered proportional only if the same result could not be achieved with less aid, in other words if the amount of aid is limited to the minimum necessary. The aid amount should not exceed the minimum necessary to render the project sufficiently profitable, for example should not lead to increase its IRR beyond the normal rates of return applied by the undertaking concerned in other investment projects of a similar kind or, when available, to increase its IRR beyond the cost of capital of the undertaking as a whole or beyond the rates of return commonly observed in the sector concerned. For example the IRR should be comparable with returns experienced by entities which are not large companies. Where the IRR exceeds this reference figure then the application may be refused.

Large Companies must provide documentary evidence that the aid is proportionate. This can be achieved by submitting an IRR and NPV analysis of the investment with aid and without aid with the Form 1. Only applications which are deemed proportionate will be grant aided by the Forest Service.

### 3.3 Transparency

Ireland shall publish the following information on the State aid schemes: the full text of the notified aid scheme and its implementing provisions, the granting authority, the names of the individual beneficiaries, the form (in particular the aid instrument) and amount of aid granted to each beneficiary, the date of granting, the type of undertaking (SME/ large enterprise), the region (at Nomenclature of Units for Territorial Statistics or NUTS level II) in which the beneficiary is located and the principal economic sector in which the beneficiary has its activities, at NACE group level. This requirement only applies to individual aid awards greater than:

- (i) EUR 10,000 for beneficiaries active in the primary agricultural production;
- (ii) EUR 100,000 for beneficiaries in the sectors of the processing of agricultural products, the marketing of agricultural products, the forestry sector or activities falling outside the scope of Article 42 of the Treaty.



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## 4. Objectives of the Forest Roads Scheme

The objectives of the scheme are as follows:

- To stimulate the mobilisation of roundwood from forests and thereby contribute to employment and economic activity;
- Provide funding for the construction of forest roads and associated infrastructure such as bell-mouths, turn-tables, drains, culverts and bridges;
- Provide access for equipment and transport vehicles to facilitate forest harvesting and timber transport operations;
- Improve the economic value and competitiveness of the forest resource;
- Provide access for emergency vehicles and other forest protection activities;
- To increase the forest road infrastructure by 100 km per year thereby servicing 30,000 to 40,000 ha of forest area for harvesting operations;
- Encourage harvesting in line with the All Ireland Roundwood Production Forecast 2011-2028;
- Achieve net realisable volume production of 7-8 million m<sup>3</sup> by 2028;
- Increase the biodiversity value of commercial forests by increasing open space, forest edge and increased forest floor light levels following harvesting;
- To facilitate public access and recreation where appropriate, and contribute to rural tourism and economic activity, and public wellbeing through increased forest recreation opportunities in forests.

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## 5. Scheme Eligibility

5.1 A Forest Road Grant may be paid in respect of applicants who make a valid application and the road in question has been constructed in compliance with scheme requirements. Applications submitted in compliance with requirements will be approved but the length eligible for grant aid is subject to the criteria outlined below:

- Individuals applying for participation in the scheme must be over 18 years of age and hold a Personal Public Service Number (PPSN). Companies must provide their company registration details (CRO number).
- All private owners of forests are eligible to apply. Lands owned by public authorities and state-owned companies will not be eligible to receive grant aid for forest road development unless construction is part of an agreed cooperative venture.
- The applicant must receive technical approval issued by the Minister. An Approval under this Scheme may be issued subject to additional conditions as laid down by the Minister. Each approval will be given a completion date subject to that contract. The Minister may extend an approval where appropriate subject to availability of funding.
- All written requests to extend an approval will be considered on a case-by-case basis.
- Grant aid is for the construction of harvesting roads under this Scheme, applications for development roads will not be considered.
- The terms and conditions of this Scheme as set out in this document and associated application forms must be adhered to.

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## 6. Grant Aid Rates

6.1 Grants of up to 100% of eligible costs incurred in the construction of a forest road are available subject to the maximum described at Annex 1 and are paid in one single payment at First Instalment stage.

6.2 The Minister reserves the right to alter grant rates at any time.

6.3 Grant aid may not exceed 25 linear metres of road allocated per hectare of forest served. The Minister reserves the right to alter this allocation rate at any time.

6.4 Grant Aid will be applied at a rate of €55 per linear metre constructed to harvesting road standard.

6.5 The length of a forest road for licencing/consent purposes will be the linear length between two points and measured from the edge of the public road, where applicable, along the centre of the alignment to the end of the metalled surface.

6.6 The length of a forest road for the purposes of grant aid will be measured as above with additional equivalent lengths added. Equivalent road lengths arise from the extra work/quantities necessary due to road widening at loading bays, Bellmouths and junctions.

6.7 These additional equivalent lengths can be included in calculating work undertaken as outlined in the Forest Road Manual (COFORD 2005) section B8.

6.8 For Grant Aid purposes, all lengths and equivalents lengths when combined cannot exceed the maximum density threshold of 25 metres per hectare.

For example, a 30-hectare forest ready for harvesting requires a 300 metre road with a standard bell mouth at the entrance to the public road and a standard internal turning circle at the end. Although the total length is 300 metres for approval, for grant aid purposes the applicant is claiming 300 metres but includes an additional equivalent length of 140 metres for the extra stone used for the turn table and entrance. In this case the applicant can claim grant aid on 440 metres as the maximum eligible density for the plantation has not been exceeded. In this example the road will be approved for 300 metres, but the maximum grant aided length is 440 metres. It is essential that the approved linear length is not exceeded. The additional equivalents relate only to widening of the carriage way to construct features such as entrances, bell mouths, lay by's and turntables.

**Example:**

<b>Forest Road</b>	<b>Road Length</b>
Road A-B measured for consent is the linear length measured from where it adjoins the public road. A standard bellmouth (Annex 5: Figure 13) at the entrance is required. It has a standard turning circle at the end (Annex 5: Figure 17).	300 metres
Grant Claimed length at Form 2 stage	300 m + (30m bellmouth) + (110 turning area) = 440 metres

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## 7. Conditions of Aid

7.1 Where an applicant makes an application for aid that is deemed valid and is approved by the Department, a contract then exists under the Scheme between the applicant and the Minister. The terms and conditions of this Scheme as set out in this document (which may be revised from time to time by the Minister), any circulars amending the scheme requirements, all application forms including Form 1, letters of approval and, where appropriate, remedial works notifications, form the terms and conditions of this contract.

7.2 The contract will be identified by the contract number (CN) assigned to it by the Department when the application for approval (Form 1) is received.

7.3 Payments will be based on either the length claimed as eligible for payment by the applicant (on Form 2), or the length determined by the Department to be eligible for payment, whichever is the lesser.

7.4 Where a notification (i.e., a remedial works letter) is issued to the applicant specifying remedial works required to bring his/her road up to standard, the date specified in that letter by which the works must be completed is binding on the applicant. In exceptional circumstances, the Minister may grant an extension to that date.

7.5 Requests for extensions must be submitted in writing by the applicant and registered forester at least 30 days before the expiry of the original deadline for completion. Failure to complete the specified works to the satisfaction of the Forestry Division will result in a penalty, as set out in the document titled Forestry Schemes Penalty Schedules (DAFM 2015).

7.6 Grants will be paid only when the entire road submitted for grant aid is up to the required standard. If part of the road fails inspection, payment will be withheld on the entire grant aided road until remedial works are carried out and the road is constructed as approved to the required standard.

7.7 Where the Department decides that it is not possible to bring the grant aided road, or part thereof, up to the required and or acceptable standard, no payment will be made for that road. Where the grant, or part thereof, is not to be paid, the Forestry Division may also require repayment of the amount paid in respect of the road or in respect of the section that does not meet the required standard.

7.8 Payments shall be made in respect of applicants who make valid applications prepared by a registered forester and who have constructed their forest road in accordance with the pre-approval and in compliance with:

- i. All relevant EU requirements and national legislation for the time being in force;
- ii. The terms and conditions of this Scheme as set out in this document (and any revisions thereof), any circulars amending the scheme requirements, the application forms, letters of approval and, where appropriate, remedial works notifications;
- iii. Forestry Standards Manual;
- iv. Forest Road Manual (COFORD 2005);

- v. Code of Best Forest Practice – Ireland;
- vi. National Forest Standard;
- vii. Forestry Division Environmental Guidelines;
- viii. Licence conditions including archaeological conditions, Forest Road Consent or conditions associated with an Appropriate Assessment Determination;
- ix. The Technical Standard for the design of Forest Entrances from the Public Road (2020);
- x. Forest Entrances – Requirements for Mandatory Consultation (2020);

7.9 The forest road constructed complies with the specifications as approved, amended and / or any conditions attached.

7.10 In cases where a proposed forest road will connect to an **existing forest road network** in a public, state owned or privately owned forest, grant aid will be considered on a case-by-case basis. However, the maximum length of road required connecting the private forest road to an existing forest road network must be along the best and the shortest route possible.

7.11 Grant aid for “connecting roads” through a neighbouring forest will be limited to a length not greater than was constructed on the private forest(s) accessing the existing road network on lands owned by public authorities or state owned companies for example 300 metres of a proposed road within a private forest needs an additional 1000 metres of road to reach an existing road network on an adjoining property, grant aid will be limited to 600 metres in total (300m in the private forest and 300 metres in the adjoining forest).

7.12 Where both adjoining forests and lands are owned privately the connecting road will be based on the area served and existing road network for the block served. Grant aid in any circumstance cannot exceed 25 metres per hectare based on the existing and proposed road network.

7.13 Where the road includes access to a public road, Section 8 of the Planning and Development (Amendment) Act 2018 and the Forestry (Amendment) (No. 2) Regulations, 2020 (SI No. 39 of 2020) apply. This legislation makes provision for DAFM to act as the single consent authority for applications where the forest road provides new entrance access to a public road (other than a national road) or there is material widening of an existing entrance. Where a national Road is concerned the applicant must seek planning permission. Where there is any doubt on whether planning permission is required, the applicant must seek clarification from the relevant Local Planning Authority.

7.14 Where planning permission requirements apply, the application under this Scheme should not be submitted until after planning permission been granted by the relevant local authority. Similarly, all private Rights of Way and permissions to utilise third party lands should also be resolved prior to application submission.

7.15 Applications will be approved for grant aid solely on a “just-in-time, just enough” basis – i.e. approvals will be restricted to applications for roads in forests where thinning/harvesting is imminent and will take place within the next five years.

7.16 In the calculation of area served by any proposed harvesting road where 50% or greater of the area is due for harvesting in the next 5 years the entire area of the planted forest can be deemed eligible; otherwise only the area harvested within that timeframe is eligible.

7.17 For co-operative road building (joint applications) this timeframe can extend to 10 years. Broadleaves can be considered in the area calculation where they are suitable for tending and/or thinning and where the average top height is at least 6 metres at the time of application. Where a proposed forest road connects to an existing forest road network in a public forest there will be no requirement attached to the harvesting of the public forest.

7.18 Grant aid of road density will not exceed 25m/ha in the forest served which includes existing road networks. There will be no discretion above 25m/ha.

7.19 No development / management roads will be grant aided.

7.20 All roading and associated expenditure for Special Construction Works or other roads measures must represent value for money and claims submitted for grant aid must represent the actual costs incurred.

7.21 A full breakdown of road development costs must be provided in advance at the pre-approval and payment stages.

7.22 A Forest road map must be submitted showing clearly which plots are within 5 years of harvesting for single applications and 10 years for joint applications. Plot inventory details and proposed road specifications must also accompany each road application on the templates provided in Annex 2 and 3.

7.23 A forest Biodiversity map must be submitted clearly showing all biodiversity features especially all aquatic zones, relevant watercourses and crossing points .

7.24 Where co-operative road applications are more cost effective and sustainable, road grants on a single application may be refused.

7.25 The use of felled poles or loose stumps from the road site as a base for suitable formation material or gravel for "build on top" roads is not acceptable, except on deep peat sites and will be assessed on a case by case basis.

7.26 Where feasible, co-operative ventures involving joint or shared access between adjoining forests is encouraged.

7.27 It is a basic principle of this scheme that any infrastructure funded should be open to the public for recreational use without charge. However, such access may be restricted where it is necessary to protect forest resources or sensitive areas, or where vandalism or dumping is an issue, or to ensure the proper and safe use of the infrastructure.

7.28 Where measures have been taken to protect any infrastructure from animal trespass, pedestrian access must be provided by a gate or stile or other means.

7.29 Forest roads must not be used for agricultural purposes such as for holding sheep, storage of silage, feed or other materials, or cattle crush facilities.

7.30 Public access does not confer any permanent rights to individual members of the public and does not extend to access off the forest road. Applicants will not be eligible for grant aid where they do not allow public access to the proposed or built infrastructure.

7.31 If it proves necessary to restrict access to any forest infrastructure works undertaken under this Scheme, the beneficiary must notify the Department in writing of the reason for the restriction and must specify the requested duration of the restriction. Public access may be restricted in the interests of security, public safety or for reasons related to environmental protection and prevention of disturbance to wildlife where the landowner can identify a risk.

7.32 Roads, or part of a road application submitted for approval where no grant aid is required must be clearly indicated and labelled on the application form and associated maps. The approval letter issued will state the total road length approved and the length eligible for grant aid. Forest owners must note that the total approved length can include sections of road not eligible for grant aid. The length eligible for grant aid is subject to the conditions outlined above and cannot exceed 25 metres per hectare.

7.33 Where existing tracks/roads within a plantation require upgrading or extending to 25m/ha at the time of harvesting, application for grant aid towards the cost of upgrading or extending may be made. Upgrading does not include repairs of roads that have previously been received grant aid.

7.34 Where appropriate, all or part of the forest road may be external to the plantation. For grant aid purposes, there is no difference between access roads and internal roads.

7.35 The cost of bellmouths, lay-bys, drying areas and non-grant aided special construction works etc. is covered out of the overall road grant allocation for the site (i.e. at harvesting stage 25m/ha x Forest area). There is no additional payment for these features. Where a bellmouth is constructed 30 m (15 m for each “wing”) can be included as part of the road length for grant purposes. Where a lay-by is constructed the length of the lay-by may be included as part of the road length for grant purposes.

7.36 The construction of a “Standard back in type loading bay” or a “Standard loading bay with internal turning area” may be grant aided where the area allows. Apart from a loading bay, only the minimum amount of roadway required will be grant aided to ensure forwarding distances do not exceed a maximum of 500 metres.

7.37 In cases where the proposed forest road is lower than the public road by at least 2 metres in the first 5 metres an additional 30 metres will allowed per forest entrance to contribute towards the cost of additional stone required. This means that bell mouths in this situation can include an additional 30 metres of road length for grant purposes in addition to the 25 m/ ha threshold if required.

7.38 All grant aided forest road designs must be constructed in accordance with section B.7 of the Forest Road Manual unless a different road specification is proposed and approved. Annex 5 Forest Road Design, Junctions and Bellmouths outlines the geometric design standards for some of the more common designs and must be adhered to unless otherwise approved.

7.39 This grant scheme is cost-based. Evidence of costs expended and receipts for items and services purchased must be retained and produced by the applicant or his/her agent on the request of the Minister.



All invoices submitted in support of a Forest Road grant application must clearly indicate details of works and materials provided to construct the section of road for which grant-aid is being sought. Also, the invoice must clearly show the total length of road that has been constructed.

In cases where an applicant has incurred costs for a consented road development, which includes both grant aided and non-grant aided sections, the invoice submitted must clearly differentiate between the costs associated with the grant aided and non-grant aided sections and give the length of each road section. In these cases, the cost for the total road length constructed should be included on the invoice.

In cases where different contractors have completed the grant aided and non-grant aided sections of the forest road, a cover letter must be provided setting out the lengths of road completed by each contractor and explaining that the invoices submitted only apply to the grant aided section of forest road. Invoices which do not differentiate between grant aided and non-grant aided sections, and where no cover letter is provided, will be taken to relate to the entire road length constructed and assessed on an average cost per linear metre.

7.40 An applicant shall be entitled to receive no more than €500,000 in grant aid under this Scheme in any calendar year, other than as may be approved by the Minister.

7.41 Registered foresters who are required to submit engineers and/or surveyors reports for the Forest Road Schemes must ensure that engineers professional title abbreviations, name and contact details are displayed clearly on the required application form e.g. John Engineer B.Eng., C.Eng, M.I.E.I.

If additional engineers/surveyors reports are submitted in support of a specification these must be on headed paper with relevant contact and professional details displayed clearly. This requirement is to ensure that the consulting engineer and/or surveyor can be contacted if required and to ensure that they have the required professional competency to support an application under the Departments schemes.

7.42 Inspection paths are required along the route of the proposed road in circumstances where pedestrian access is not possible. Forest Road specifications are required on all sites at Form 1 stage as specified in Annex 2.

7.43 A Registered Forester is required to prepare all forest road applications.

A qualified Civil Engineer or Engineering Surveyor must prepare specifications and carry out appropriate works supervision where the road application contains grant aided special construction works, lengths in excess of 500 metres, or sections of roads due to site conditions or difficult constructions design.

The Department reserves the right to determine where an Engineer may be required due to specific site conditions or difficulties on a particular application.

7.44 All road construction works shall be undertaken in compliance with the Forest Road Manual (COFORD) unless the Forestry Division has specified otherwise.

7.45 Annex 1 details the grant and premium rates payable under the Scheme. The Minister reserves the right to alter these rates at any time. Beneficiaries of grant aid under this Scheme are

required to retain all receipts and invoices relating to road construction works for a period of 6 years following payment of the 1st instalment grant.

The Minister may, at his or her discretion, require the submission to the Department of such receipts and/or invoices at any time during this period.

7.46 The Department will refuse applications for grant aid where it is found that an application was made by a person other than a person that meets the above criteria

7.47 If it is proposed that stone will be used from within the project area, this must be clearly identified at pre-approval stage. If stone is imported from a registered quarry, stone dockets must be submitted for all payment applications indicating name of quarry and amount of stone used in the form of weight dockets. If the applicant has used stone from the site, they must complete a schedule of costs outlining approximate amount of stone used and costs incurred.

7.48 Where the use of stone quarried from on-site borrow pits is proposed, the location of these pits must be clearly marked on the application Biodiversity Map and Forest Road map. These pits will then be considered for approval as an integral part of the application and project.

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## 8. Additional Forest Road measures

### 8.1 Special Construction Works

The Special Construction Works provision is aimed at facilitating the construction of forest roads in difficult or environmentally sensitive sites to limit any potential adverse impact from road construction harvesting activities.

- a. Special construction works (SCW) will be eligible for grant aid at a maximum value of €10,000 per application or 50% of the cost of the SCW whichever is the smaller. All proposals to fund special construction works must adequately demonstrate in the application that the works are required to facilitate the harvesting and extraction of timber on routes that minimise the potential adverse environmental impact. Where it is shown that such works do not have a positive environmental benefit, aid will be refused and consent for construction work will be considered without grant aid.
- b. Funding for special construction works is subject to availability of funds in any financial year. All SCWs must represent value for money and satisfy the following criteria where applicable:
  - Clear Span crossings where required to protect specific watercourses e.g. fisheries considerations, water quality considerations, freshwater pearl mussel
  - Protection of Natura 2000 sites
  - Required to prevent siltation and erosion
  - Environmental benefit to works proposed
- c. Grant aid for SCW will be limited to the following construction types:
  - Permanent bridges
  - Large culverts greater than or equal to 1 metre in diameter
  - Where The forest areas served exceeds 5 ha
- d. Multiple Special Construction Works elements can be included on the one application form but cannot receive in total more than €10000 or 50% of the cost of the SCW whichever is the smaller.

SCW works must be specified, drawn up and supervised by a qualified civil engineer.

Form 1 applications must specify that the application includes a SCW component and the total cost of the proposed SCW elements must be given in the application.

Only one grant allocation for SCW is payable per forest plantation irrespective of the number of road lengths constructed. For the purpose of eligibility, grant aided forest includes all plots and parcels previously grant aided under the same contract number and adjoining contract numbers owned by the same applicant.

- e. All SCWs whether grant aided or not must satisfy the requirements of the Forestry Division Environmental Guidelines.

- f. The Department may decide to fund additional categories of special construction works in subsequent versions of the Forest Road Scheme over the duration of the programme subject to funding availability.
- g. SCW Funding can be applied to construction of water attenuation systems associated with forest road networks. Management of water on roads in high sensitivity catchments can present a challenge in the development and management of road systems. Management of peak water flows during rainfall events through attenuation of water flows can prevent erosion and transport of sediment to watercourses from new forest roads. Attenuation is the process of storing and slowly releasing surface water run-off, and is a key feature of sustainable drainage systems in the general construction sector.

The measure will facilitate the development of small constructed wetlands and water attenuation features intended to improve management of surface water and drainage output associated with forest roads. Constructed wetlands will provide for temporary storage, stabilisation and settling of road drainage flows and over time will become biodiversity features. The minimum eligible served area for this measure is 5ha.

Water storage ponds and dams constructed close to forest road infrastructure providing open water sources available for firefighting can also be supported under the measure. Larger strategic storage features located away from surface flight obstructions can accommodate aerial firefighting in high-risk areas, subject to design criteria and approval.

Grant aid is also available to support the development of suitably scaled attenuation ponds and storage dams for water attenuation in suitable areas where attenuation is warranted, on sites greater than 5ha.

Overall allocation is limited to 25 projects per annum. Grant aid is limited to a maximum of €10000 or 50% of the cost of the SCW.

## 8.2 Engineering Design Support Measure

The Engineering Design Support measure will provide additional funding and support for Forest Owners whose roads require an entrance from a public road or the material widening of an Existing Entrance.

Applicants are required to submit the following documentation:

- Detailed plan of the forest entrance (scale 1:500)
- Plan of forest entrance (scale 1:2,500)
- Condition of public roads. (to include photos)
- Map with gradients of Forest Road entrance and public road
- Drainage Details
- Engineers Report
- Proposed Haulage Route
- Relaxation from standard supporting Documents – where relevant

There is an allocation of 300 projects per annum under this measure. Only one application can be made per forest Contract Number under this measure.

Grant is a one-off payment of €1,000 per project.

## 8.3 Ecologically Enhanced Forest Roads

Forest roads can have positive effects on biodiversity values in the areas that they serve by introducing additional open space, linear corridors, and interface opportunities for wildlife to use. Planned roadways can be further enhanced by the inclusion of basic biodiversity elements, including open space and the planting a range of tree species that are compatible with the roadside environment and subsequent operations. Forest roads also provide opportunities for wildlife management and the maintenance of deer populations in keeping with forest management and ecological objectives. Deer management infrastructure and facilities can also be supported under this measure.

The Scheme provides the opportunity for funding road projects with an enhanced emphasis on biodiversity, forest protection and water management. This will be achieved through enhanced design and construction measures and forest protection facilities.

This measure is open to eligible Forest Road Scheme applicants with >5ha served area. Measures proposed will be indicated on the application biodiversity map and via the application section of the Forest Roads form 1.

Eligible measures under this action include:

- Creation of forest road edge habitat comprising open habitat, scrub and then broadleaf trees
- Creation of improved open space by provision of mixed species grassland.
- Creation of connectivity within the forest by providing open space habitat adjoining road.
- Deer management measures.
- Incorporation of water hotspots adjoining road into associated open space component.

Grant available is allocated at a maximum of €1,000 per project.

The overall allocation for this measure is 25 projects per annum.

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## 9. Application Procedure

Grants and Forest Road Licences will be available only for projects which, prior to development have been granted a pre - technical approval by the Department, following the online submission of a pre-approval application using DAFM's iNET application system. All applications must be made via the DAFM iNET system.

Email Addresses	Queries
forestryappenq@agriculture.gov.ie	Form 1, approvals, application procedures
<a href="mailto:1stgrant@agriculture.gov.ie">1stgrant@agriculture.gov.ie</a>	Form 2, 1st Grant and 1st premium
ForestPremiums@agriculture.gov.ie	Form 3, 2nd Grant and subsequent premiums
felling.forestservice@agriculture.gov.ie	Felling licences

a) Roads Form 1 - Application for Approval. (Grant Aid)

Application for approval to undertake works under this Scheme must be made using the Roads Form 1. The applicant and a Registered Forester must complete the application. The application form sets out the requirements to be met to make a valid application. This form may also be used for non-grant aided road applications where consent is required as outlined in the European Communities (Forest Consent and Assessment Regulations (S.I. No. 558 of 2010), as amended (by S.I. No. 442 of 2012). Registered Foresters may also submit applications on the Department's online system iNET.

Note: An approval confirms only that the proposed forest road detailed in the application complies with the design and environmental requirements of the Scheme and the approval provides permission to construct all or part of the road specified, as long as the works undertaken do not lead to a material change in the project for which the pre-approval was granted and the proposed road meets scheme requirements. The issuing of a preapproval does not guarantee that a road proposed or amended by conditions applied by the Department will be constructed successfully or that any part of the road or entrance is exempt from planning requirements. Responsibility for the successful construction of a road rests solely with the applicant and the Department will not accept any liability if the road constructed fails during harvesting and transport. Nor can the registered forester and applicant rely upon inspection by the Department to ensure that the standards required of him or her are achieved. Failure to construct a road to the required standard may give rise to recovery by the Department of all grants paid to the applicant under this scheme. The Department accepts no liability for costs incurred by an applicant at this stage or at all.

b) Roads Form 2 – Application for Road Grant.

Application for 100% of the grant payment must be made using the Roads Form 2. The applicant and a Registered Forester must complete the application via the DAFM iNET system. The application form sets out the requirements to be met to make a valid

application. Only costs incurred on the length to construct the road are eligible for grant aid as part of total costs.

c) Forest Road Mapping Conventions

All applications for approval and grant aid must comply with the Forestry Division mapping standards described in the Forestry Standards Manual. These standards outline in detail the required mapping conventions to make a valid application. In addition to these standards applicants must clearly indicate and label sections of road lengths where approval is required to carry out construction but which are not eligible for grant aid i.e. sections of road in excess of the maximum 25 m/ha.

## 9.1 Environmental Considerations

All applications for forest road approval under the Forest Road Scheme will undergo an environment assessment procedure to ensure that proposed projects are compatible with the protection and enhancement of the environment, including, inter alia, water, biodiversity, archaeology and landscape. The cost of supplying any additional information (e.g. EIAR, NIS, ecological report) that is required by the Forestry Division in order to enable it to further assess the application must be borne by the Applicant, as the proponent of the proposed road construction.

## 9.2 Environmental Impact Assessment

Where a new forest road involves a length 2000 metres or greater, the application for approval must be accompanied by an Environmental Impact Assessment Report (EIAR) to enable the Department to undertake an Environmental Impact Assessment (EIA). For the purposes of determining EIA thresholds the length of a forest road will be determined by the linear distance between two or multiple points. Additional equivalent lengths for features such as bellmouths are only used to determine the level of grant aid.

## 9.3 Screening Process

All new forest roads less than 2 km will be subject to an environmental impact assessment screening process undertaken by the Department at pre-approval stage to determine if the project is likely to have a significant effect on the environment either alone or in combination with other forest roads, forest-related and non-forest related projects. If the Department determines that a new forest road is likely to have a significant effect on the environment, the applicant will be required to submit an EIAR to enable the Department to undertake an EIA.

## 9.4 Appropriate Assessment

As required under the Birds and Habitats Regulations (S.I. No. 477 of 2011), all applications submitted to the Department under the Scheme will be subject to an appropriate assessment screening process undertaken by the Department to determine if there is a possibility of the project, either individually or in combination with other plans and projects, having a significant effect on a Natura 2000 site, i.e. a Special Area of Conservation (SAC) or a Special Protection Area (SPA). If the Department determines that a project is likely to have a significant effect on a Natura 2000 site, or the possibility of a significant effect is uncertain, the applicant may be required to submit a NATURA Impact Statement (NIS) to enable the Department to undertake an Appropriate Assessment (AA). The Department can only issue approval where it is satisfied that no significant

effect on a NATURA site will occur. See the Forestry Division Appropriate Assessment Procedure Information Note (consolidated version, March 2013) for details.

## **9.5 Other Information**

The Department may also, at its discretion, require other forms of technical investigation and reports to be submitted to facilitate its assessment of the project. These may include, in alia, an ecological assessment and report by a suitably qualified ecologist.

## **9.6 Consultations and Public Notification Procedure**

When the Department receives an application under the Scheme, a public notice of the application will be placed on the Departments website detailing (i) the contract number of the application; (ii) the location of the proposed road (Townland and County); and (iii) length of the proposed road project. Applications which require the submission of an EIAR to enable the Department to undertake an EIA may also have notices of the application, the EIAR, and any significant additional information submitted, placed in one or more local newspapers and on the Forest Licence Viewer system.

9.6.1 Any member of the public may make a submission or observation in writing to the Department within 4 weeks of the date of the relevant notice.

9.6.2 The Department may also consult with relevant consultation bodies including National Parks and Wildlife Service, the National Monuments Service, Inland Fisheries Ireland, the relevant local authority. Other bodies may also be consulted with, as required.

9.6.3 Detailed information on the environmental protection and controls consultation process that apply to this Scheme are contained in the Forestry Standards and Procedures Manual and relevant Forestry Division circulars. These set out the environmental standards governing forestry and the consultative processes undertaken by the Department when determining whether or not a proposed project is compatible with the objectives of the scheme and the protection and enhancement of the environment.

9.6.4 All materials used in the construction of a road must comply with the Waste Management Act 1996 and European Communities (Waste Directive) Regulations 2011 (S.I. No 126 of 2011). Applications for grant aid for roads constructed with materials not in compliance with the Act/Regulations will not be grant aided and remedial works may be required.

9.6.5 The use of suitable recycled or reused materials on forest road and associated projects can be considered subject to compliance with relevant legislation and best practice guidance.

## **9.7 Pre-Approval**

An approval issued under this Scheme may be subject to additional conditions as laid down by the Minister. These may be of a construction, design or environmental nature, or may relate to other requirements. It is the responsibility of the applicant to ensure that all works are undertaken in compliance with the requirements of the Scheme. Pre-approval does not guarantee eligibility for entry into or funding under the Forest Road Scheme. The Department accepts no responsibility or liability for costs incurred by an applicant on foot of preapproval or at all.



9.8 NOTE: It is the responsibility of the applicant to inform the Forestry Division in writing of any proposed material change to the approval issued and to seek approval for any such change before construction commences. Failure to obtain approval from the Department for proposed changes may render the preapproval null and void.

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## 10. Construction Standards

An applicant must comply with all scheme requirements as detailed in the specifications approved, Forestry Standards Manual and the Forest Road Manual, Guidelines for the design, construction and management of forest roads (COFORD 2005).

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## 11. Good Practice and SFM

Adherence to good forestry practice and the principles of sustainable forest management (SFM) is mandatory and applies across all operations of the Scheme. Guidance on how forestry operations should be carried out so as to ensure compliance with SFM is provided in the *Code of Best Forest Practice – Ireland*, which can be downloaded from the Department's website at <http://www.agriculture.gov.ie/forests-service/publications/>

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## 12. Payment

### 12.1 Payment

As the contract under this Scheme is between the applicant and the Department, payment is made to the applicant. However, applicants may mandate grant payments to a registered forester or forestry company using a mandate document that satisfies the requirements of the Minister as set out in the *Forestry Standards Manual*. Such mandates are a voluntary arrangement between the applicant and his/her registered forester or company. Mandates to other parties for example Contractors or Foresters not registered with the Forestry Division, will not be facilitated. In the event that a payment fails to be made in accordance with a valid mandate no liability shall be attached to the Minister.

12.2 If it is subsequently found that any undue payment or overpayment has occurred in respect of any grant, premium or other payment made under the scheme, the Department will recover the entire amount of the undue payment or overpayment from the applicant, regardless of how the undue payment or overpayment arose.

12.3 The Department may offset the amount owed from any other monies due to the applicant by the Department. The Department may also recover the monies as a simple contract debt in a court of competent jurisdiction.

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## 13. Penalties

13.1 Failure to comply with the terms and conditions of the Scheme, incorporating The *Code of Best Forest Practice – Ireland*; *Forestry Standards Manual*; circulars amending scheme requirements; and the relevant environmental guidelines and requirements may result in an appropriate penalty or sanction being applied.

13.2 Penalties which shall apply to certain specific breaches of the Scheme are set out in the document titled *Forestry Schemes Penalty Schedules* (DAFM 2023) which are a condition of grant

aid. Other breaches of the Scheme not specified in the Scheme Penalties Schedules may also incur a penalty. However, all or any failure to comply with the scheme or any breaches of its terms and conditions may result in a penalty.

13.3 Penalties may include the repayment of all or part of the grant(s).

13.4 Monetary penalties shall include interest payable at the rate provided for under *S.I. No. 13 of 2006*. Interest shall be calculated for the period elapsing between a date specified in a notification to the applicant of the repayment obligation and either repayment or recovery by deduction.

13.5 Penalty amounts may be deducted from future payments due to the Applicant under the forestry schemes or from payments due under other schemes administered by the Department. Where monetary penalties are not paid or recovered within the period requested, the Department may take whatever action is deemed necessary for their recovery. The Department may also recover the monies as a simple contract debt in a court of competent jurisdiction.

13.6 The principle of proportionality will apply. Penalties may be imposed that are, in the opinion of the Minister, proportionate to the alleged breach of the Scheme.

13.7 The imposition of a penalty shall not relieve an Applicant of an obligation to comply with an instruction from the Minister to undertake remedial works in respect of a forest.

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## 14. Appeals

All consent appeals for the Forest Road Scheme (including 3rd parties appeals following a decision) will continue to be dealt with by the Forestry Appeals Committee (FAC). They can be contacted at Forestry Appeals Committee, Kilminchy Court, Portlaoise, Co. Laois R32 DTW5 (Tel. 057/8667167, Email. [appeals@agriappeals.gov.ie](mailto:appeals@agriappeals.gov.ie)).

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## 15. Management Plans

Applicants must provide a standard management plan at the time of application for pre-approval for areas 5 ha or greater and in the standard templates provided by the Department which must include the area served by the forest road. Management plans previously prepared as a condition of the Afforestation Scheme which are still current may be submitted in support of an application under the Forest Roads Scheme. However when the Forest Management Plan template agreed by the COFORD Management Plan working group is made available online by the Department in the near future, this will become the template for all road applications under this scheme.

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## 16. Right of Entry

The Minister reserves the right to carry out inspections at reasonable times on any land submitted for pre-approval or on any land for which afforestation grants or premiums have been paid or claimed under this Scheme or any other forest-related Scheme. Applicants are obliged to ensure that, where required, adequate access to the land and forests is provided to allow inspections by the Department.

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## 17. Forest Management

### 17.1 Responsibility for Forest Management

Responsibility for the successful construction and use of a forest road rests with the applicant. Where an applicant contracts the services of a third party to construct a forest road, and to prepare and submit claims, it is the applicant's responsibility to ensure that the third party contracted has sufficient insurances to indemnify the work undertaken. Any issue arising under this contract to the detriment of the applicant, such as inadequate work or preparing an inaccurate claim, etc., is a matter for the owner to resolve with the forester.

17.2 The inspection of a forest road by the Department shall not relieve the Applicant of responsibility for the accuracy of applications submitted, the successful construction and or maintenance of the forest road, or any responsibility to meet the required standards or terms and conditions of the scheme.

The Department is not liable for errors (or financial loss) as a result of inaccurate claims or faulty workmanship by the applicant or his/her forester. The Department does not guarantee the success of any road construction or bear any liability in respect of any plantation served by the road for which it has granted pre- approval in any circumstances.

It is the sole responsibility of the applicant who submits a road for approval and grant aid that the road will successfully be constructed. If the Department subsequently determines that a road or any part thereof, has not been constructed in accordance with the approval given, the applicant will be required to repay all grants in respect of the road or any part of the road which has failed.

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## 18. Insurance

Applicants should ensure that their forest has adequate insurance cover.

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## 19. Failure to abide by the terms and conditions of the scheme

19.1 Where, for the purposes of obtaining payment under this Scheme, the applicant or a person acting on his/her behalf knowingly makes a false or misleading statement or withholds essential information, the applicant's participation in the Scheme may be terminated and all or part of the aid paid shall be repaid.

19.2 Where an Applicant or a person acting on his/her behalf fails to abide by the terms and conditions of the Scheme, or there is any material change in the circumstances of the applicant which would conflict with the letter or the spirit of the Scheme, the applicant's participation in the Scheme may be terminated and all or part of the aid paid shall be recovered by the Department. The Department may offset the amount owed from any other monies due to the applicant by the Department or it may seek to recover the amount as a simple contract debt in a court of competent jurisdiction.

19.3 The obtaining of aid under the Scheme by fraudulent means by the applicant or others acting alone or together may render such persons liable to prosecution.

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## 20. Overpayments

### 20.1 Overpayments made in relation to a scheme contract

Where any overpayment is made, due inter alia, to over claim or over declaration by the applicant or his/her agent, or to error or miscalculation by the applicant, his/her agent, or the Department, the money overpaid may at the discretion of the Minister be recouped from the applicant who received the overpayment. Such recoupment will be decided on a case-by-case basis, taking into account any mitigating factors, including culpability.

20.2 Amounts to be recouped may be deducted from future payments due to the Applicant under the forestry schemes or from payments due under other schemes administered by the Department. Where debts are not recovered within the period specified, the Department may take whatever action is deemed necessary for their recovery. The Department may also seek to recover the amount as a simple contract debt in a court of competent jurisdiction.

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## 21. Review of Financial Aids

The Minister reserves the right in his absolute discretion to vary, where occasion so demands, the amount of financial aid wherever specified in the Scheme.

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## 22. Procedures

The Minister reserves the right to alter from time to time the procedures to be followed in the operation of this Scheme.

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## 23. Tax Clearance Requirement

It is a condition of this Scheme that all grant-aided activities shall be conducted in compliance with the laws of the State relating, inter alia, to tax and employment. Proof of compliance, such as the provision of Tax Clearance Certificates, may be required by the Department.

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## 24. Value Added Tax

All grants paid are exclusive of VAT.

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## 25. Information and Data Protection

The Minister reserves the right to make information available to the public regarding the areas covered by the Scheme including the number of participants, farms, historical and archaeological sites, hectares covered, forest location, forest road lengths etc. while continuing to observe the terms of the Data Protection Act.

25.2 Under State Aid rules (see Section 4 and Annex 5) the Department will publish details of beneficiaries that fall within the categories described.

25.3 By declaring their eligibility and consent to apply for the Forest Road Scheme, applicants must agree to the release of non-personal information supplied by them in respect of their application to comply with current environmental consultation procedures. Furthermore, applicants consent to be contacted by the Department in respect of approved forestry training courses. Applicants must also consent to the release of their details to Teagasc and Timber Producer Groups who may subsequently communicate with applicants in relation to the forestry training and development and the harvesting of timber.

25.4 All information supplied by applicants in respect of a Forest Road approval and/or grant claim and any supporting documentation shall be made available to any other Department or Agency or Local Authority for the purposes of consultation, Audits, Cross Compliance Controls and all Rural Development measures, and, as appropriate, in accordance with the requirements under the Freedom of Information Acts.

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## **26. Further Conditions**

The Minister may at any time lay down further conditions under this Scheme.

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## **27. Forestry Act 2014**

All plantations are protected by the Forestry Act, 2014 (and any Act that succeeds or replaces that Act), which controls felling of trees. Under this Act, with certain exceptions, it is illegal to cut down any tree, grant-aided or not, unless a Felling Licence has been obtained from the Forestry Division.

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## Annex 1

Category	Maximum Rate € / Linear metre (Excl VAT)	Maximum Density (metre/ ha)
Harvesting Road	€55	25
Harvesting Upgrade or Extension as defined.	€40	25*
Special Construction Works	Up to €10,000	

\*13m applies where the applicant previously received a management road grant for 7m per ha or 10m applies where the applicant previously received a management road grant for 10 m per ha under a previous forest road scheme

# Annex 2 Forest Road Specification

## Annex 2

### FOREST ROAD SPECIFICATION

Applicant \_\_\_\_\_ Townland \_\_\_\_\_ OS No. \_\_\_\_\_ Ref: \_\_\_\_\_  
 General - forest road specification. (delete/amend as appropriate to this site)

Feature	Dimensions and Comment
Tree Clearance	15 metres
Interceptor Drains	2 or 3 excavated drains minimum of 3m from upper edge of formation
Gradient	Maximum 1 in 10 on straight sections and max 1 in 12 on curves
Horizontal curves	Minimum radius 20 metres, wider carriageway width (Figure 33, FRM*)
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. (Figures 3.4.5 & 6, FRM)
Camber	200-300 mm for mineral soils and shallow peats. Min. 300 mm for deep peats
Formation Work	(i) Strip organic/peat soil over a minimum width of 5.5m (ii) Excavate and camber sub-grade material (iii) Grade and compact with a vibrating roller (iv) Provide stream and formation run-off culverts at 40-100 m intervals
Carriageway Width	3.4 metres with a 100 mm camber minimum
Pavement	Base course & surfacing or combined single course
Bearing Capacity	Must be able to withstand fully laden timber haulage vehicle traffic.
Turning circle for bell mouths, internal T-junctions, Back-in loading bay, Curves	Turning circle adequate for timber truck minimum 12m radius turning circle with additional forest road width required, tapering gradually back to 3.4m. (Figure 34, FRM). Internal Junctions (Figure 36, FRM). Back-in loading bay (Figure 38, FRM) Additional width for curves (Figure 33, FRM).

### Section Specific - Forest road specification (Map Enclosed)

	Section Location (on map)	A-B	B-C	C-D		
1	Distance (m)					
2	Peat depth (mm)					
3	Formation (type)					
4	Well drained (Yes or No)					
5	Culvert (No. X size (mm))					
6	Pavement (total depth (mm))					
7a	Pavement base material type					
	Pavement base material depth					
7b	Pavement surface material type					
	Pavement surface material					
8	Road Gradient (% or ratio)					
9	Cross slope (% or ratio)					
10	Construction type					
Comments:						

NOTE: Section Location. Give a column to each road section (a-b, b-c, c-d, etc.).

Item 3, select the formation type that best matches from Table 12, FRM

Item 4, a well drained site is one where the water table is more than 600 mm below formation level.

Item 5, for guidance on appropriate culvert sizing and layout – see section 11, Streams and Water Crossings, FRM.

Item 6, depending on item 3 and item 4 determine pavement depth from Table 12, FRM.

Item 7, see Section C.7. Construction Material and Appendix E.6 Specification for Road Material, FRM.

Item 10, e.g. excavate formation or 'build on top' etc. See section C.3 Forest Road formation methods, FRM.

\*FRM = Forest Road Manual. Guidelines for the construction and management of forest roads. Second edition. Authors Tom Ryan, Henry Philips, James Ramsay and John Deunpey. Published by COFORD, 2005

\*\*A qualified Civil Engineer or Engineering Surveyor must prepare and sign the specifications submitted and carry out appropriate works supervision where the road application contains grant aided special construction works, lengths in excess of 500 metres, or sections of roads due to site conditions or difficult constructions design.

Signed Registered Forester/Engineer**		Date	
Print Name (and status if Engineer e.g. C Eng MIEI)			
Signed Applicant		Date	



# Annex 3 Forest Road Scheme Required Information

## Annex 3

### FOREST ROAD SCHEME REQUIRED INFORMATION

Planting Year (s)		
List Afforestation Contract Number(s)		Contract number(s) of plantation previously grant aided if applicable
Total Forest Area served (ha)		
Management Plan Required		Management plan must be submitted in support of all forest road applications where the total forest area served is 5 ha or greater
Harvest Area (ha)		State area (ha) proposed for thinning/harvesting within the next 3 years. These areas must be clearly highlighted on the road map
Year(s) of Harvesting (yr)		Applications will be approved solely on a "just-in-time, just-enough" basis – i.e. approvals will be restricted to applications for roads in plantations where thinning/harvesting is imminent and will take place within the next 3 years
Harvest Type		State whether clear fell and/or thinning
Estimated Harvest Volume (m <sup>3</sup> )		An estimate of proposed timber volume is required where thinning and harvesting is imminent
Proposed Road Density m/ha		Grant is not eligible for additional road lengths in excess of 20m/ha. Road density should include any existing roads serving the forest area
Road Length eligible for Grant Aid (m)		Length of road requiring grant aid up to maximum of 20m/ha
Road Length proposed without Grant Aid(m)		Lengths requiring approval but where no grant aid is sought should be stated here. Note all lengths in excess of 20 m/ha must be recorded if approval to construct is required

Estimated Costs (€) (for lengths eligible for grant aid only)	Est. Tonnes	€ (excl VAT)	Breakdown of costs must be provided in advance. All road expenditure must represent value for money and claims submitted for grant aid must represent the actual costs incurred.
Gravel and Stone			Comment (if applicable)
Culverts			
Formation Works			
Tree Clearance			
Special Construction Works*			
Other(specify)			
			*SCWs must include detailed drawings and specifications and itemised costs at Form 1 and 2 stage, including a business case as to why works will have a positive environmental impact
Total Direct Costs			
Management/Supervision			Maximum up to 30% of direct costs allowable
Total Costs			

Road Map and Inventory Details	A road map must be submitted showing clearly which plots are within 3 years of harvesting with the road alignment clearly mapped. All maps must comply with the Forestry Schemes Mapping Standards
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#### Inventory Details (attach extra page if required)

Plots Number (within 3 yrs of Harvesting)	Area ha	Species	Planting Year	DBH cm	Top Height (m)	Yield Class
Total						

Signed Registered Forester		Date	
Signed Applicant		Date	

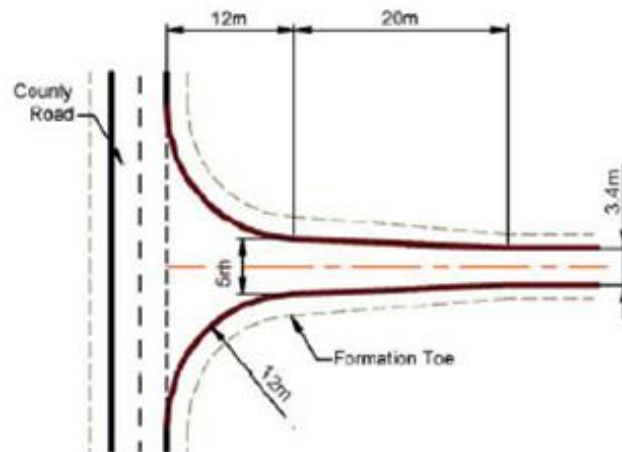
---

## Annex 4 Penalties

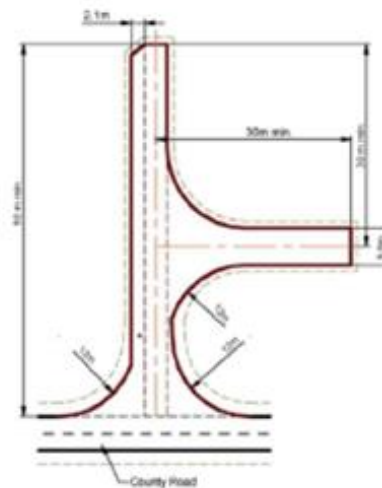
Penalties are described in the *Forestry Schemes Penalty Schedules (DAFM 2023)* and are a condition of this scheme.

## Annex 5 Forest Road Design Junction and Bellmouths

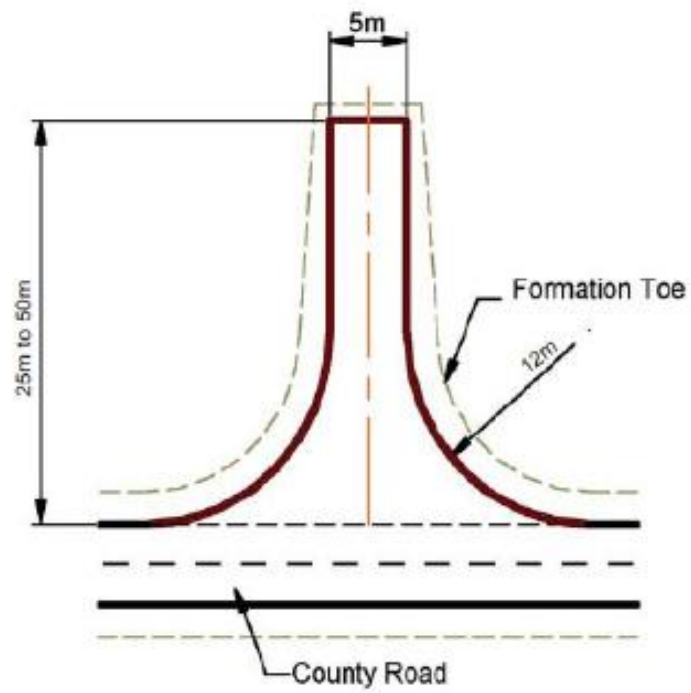
**Annex 5**  
**Forest Road Design junctions and bellmouths**  
**(Forest Road Manual COFORD 2005)**



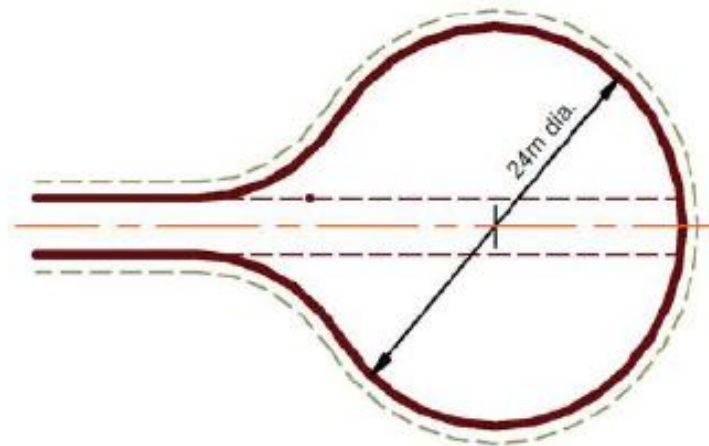
**Figure 13: Standard forest road bellmouth**



**Figure 15: Standard loading bay with internal area**



**Figure 16: Standard back in type loading bay**



**Figure17: Standard circle turning area**

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## Annex 6 Definitions

### Definitions

For the purposes of this Scheme:

- **‘Applicant’** means a person who has applied for Approval under the Scheme or has constructed a road following an Approval under the Scheme;
- **‘Approval’** means a Forest Road Scheme Pre-Planting Approval granted by the Minister;
- **‘Pre- Approval’ – Roads Form 1’** -This is an application for the Minister’s approval to construct a Forest Road under the terms of all relevant current legislation and guidelines. The application is to be prepared and counter signed by a Registered Forester as defined below and where applicable a Civil Engineer or Engineering surveyor. The Forestry Division must approve the application before any work commences.
- **‘Application, Payment – Roads Form 2 – 1st Instalment Grant’** – This is an application to receive the first instalment of a cost-based Forest Road Grant following the construction of an approved Forest Road within the terms of the Pre- Approval. The application to be prepared and counter signed by a Registered Forester as defined below and where applicable a Civil Engineer or Engineering Surveyor and forest road approved by the Forestry Division.
- **‘Application, Payment – Roads Form 3- 2nd Instalment Grant’**- This is an application to receive the second instalment of a cost-based Forest Road Grant following the construction of an approved Forest Road within the terms of the Pre-Approval. The application to be prepared and counter signed by a Registered Forester as defined below and where applicable a Civil Engineer or Engineering Surveyor and forest road approved by the Forestry Division.
- **‘Appropriate Assessment’** means an assessment in accordance with the European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. No. 477 of 2011)
- **‘Bell-mouth’** – is a tapered entrance to facilitate safe entry/egress and off road parking.
- **‘Bridge’** – is a structure to facilitate the crossing of a stream/river/ravine;
- **‘Culvert’** – is one or more adjacent pipes or enclosed channels for conveying a watercourse or stream below formation level;
- **‘Completion Date’** means the date the forest road works are completed.
- **‘Department’** means the Department of Agriculture, Food and the Marine.
- **‘Development/Management Road’** – is a forest road constructed to enable vehicle access for managing forests and includes a development road which is normally constructed before planting although some may be built prior to canopy closure.
- **‘Direct Costs’** are the cost of materials, labour and machinery employed in the construction of the road, but excluding supervision, design, surveying and layout costs.
- **‘Drain’** – is the provision of a channel to remove excess water or to lower the water table to a level below the road and to prevent the ingress of water in the future.
- **‘Environmental Impact Assessment (EIA)’** means an assessment in accordance with the European Communities (Forest Consent and Assessment) Regulations 2010 (S.I. No. 558 of 2010), as amended.
- **‘Engineer’** means a civil engineer and a member of Engineers Ireland
- **‘Engineering Surveyor’** is a surveyor registered with the Minister with extensive experience of forest road surveying, design and construction.
- **‘Farm’ or ‘Holding’** means all the land parcel production units in the State (owned, leased or rented) that are under the control of the applicant.

- **‘Farmer’** is defined as a person who carries out an agricultural activity such as ‘the rearing or growing of agricultural products including harvesting, milking, breeding animals and keeping animal for farming purposes’.
- **‘Forest’** is as defined in the European Communities (Forest Consent and Assessment) Regulations 2010 (SI 558 of 2010) - “land under trees with (a) a minimum area of 0.1 ha, (b) tree crown cover of more than 20% of the total area, or the potential to achieve this cover at maturity”.
- **‘Forestry Environmental Guidelines’** means the following publications as amended from time to time: ‘Forestry and Water Quality Guidelines’; ‘Forestry and Landscape Guidelines’; ‘Forestry and Archaeology Guidelines’; ‘Forest Biodiversity Guidelines’; ‘Forest Harvesting and the Environment Guidelines’; ‘Forestry and Aerial Fertilisation Guidelines’; ‘Forestry and Forest Protection Guidelines’; Otter Guidelines and ‘Forestry and Freshwater Pearl Mussel Requirements’. The Minister may, from time to time, amend the guidelines or add further guidelines to this definition.
- **‘Forestry Division’** means the Forestry Division of the Department of Agriculture, Food and the Marine.
- **‘Harvest Road’** – is a forest road constructed to facilitate the transport of timber out of the forest and onto the public road.
- **‘Harvesting Upgrade/Extension’** – means the upgrading and/or extension of an existing management road to harvesting road standard. Restoring a road to its previous condition is not eligible for grant aid under the scheme.
- **‘Lease’** means a term of years absolute in possession for at least 40 years from the commencement date of the contract under the Scheme.
- **‘Minister’** means the Minister for Agriculture, Food and the Marine
- **‘Penalty Schedules’** means the schedules outlined and described in the “*Forestry Schemes Penalty Schedules (DAFM 2015)*” document.
- **‘Plantation’** means a plot or number of plots on the same holding, planted in a single planting season and the subject of a single application.
- **‘Plot’** means an area of one species or a species mix.
- **‘Registered Forester’** means a qualified person named on the Register of Foresters and Forestry Companies, available from the Department.
- **‘Scheme’** means the Forest Roads Scheme 2023-2027.
- **‘Special Construction Works’** – for the purposes of grant aid works are permanent bridges and large culverts greater than or equal to 1000 mm.
- **‘Sustainable Forest Management’** means the stewardship and use of forests and forest lands in a way, and at a rate, that maintains their biodiversity, productivity, regeneration capacity, vitality and their potential to fulfil, now and in the future, relevant ecological, economic and social functions, at local, national and global levels and that does not cause damage to other ecosystems.
- **‘Turntable’** – is an area of road which facilitates the turning of vehicles.
- **‘The Forest Road Manual’** is the Forest Road Manual as published by COFORD, setting out guidelines for the design, construction and management of forest roads. This Manual may be downloaded from the COFORD web site: [www.coford.ie](http://www.coford.ie).



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