



**Construction, Replacement or Alteration of Bridges and Culverts**  
**Application for Consent under Section 50 of the Arterial Drainage Act, 1945**

Project Name	Structure Ref No.
Applicant (Correspondence will issue to agent)	
Company or Organisation Name:	
Postal Address:	
Contact Person:	
Phone:	Fax:
E-mail:	

Agent (Correspondence will issue to agent)	
Company or Organisation Name:	
Postal Address:	
Contact Person:	
Phone:	Fax:
E-mail:	

Location and Parameters of crossing			
Watercourse:		Catchment:	
Address (Townland – County):			
Grid Reference	X:	Y:	
Hydrometric Station(s) utilized (including reference number):			
Area of Contributing Catchment:		Km <sup>2</sup>	Road Reference:
Design Flood Flow:	m <sup>3</sup> /s	Annual Exceedance Probability (AEP):	%

Statement of Authenticity	
I hereby certify that the information contained in this application form, along with all appended supporting information, has been checked by me and that all statements are true and accurate.	
Name:	_____
Company/Organisation:	_____
Signature:	_____
Date:	_____

Application Check List	<input type="checkbox"/>
COMPLETED APPLICATION FORM	<input type="checkbox"/>
SUPPORTING HYDROLOGICAL AND HYDRAULIC INFORMATION	<input type="checkbox"/>
PHOTOGRAPHS COVERING SITE OF ALL PROPOSED WORKS	<input type="checkbox"/>
SCALED PLAN OF BRIDGE/CULVERT/APPROACH EARTHWORKS	<input type="checkbox"/>
SCALED CROSS SECTION OF BRIDGE/CULVERT/APPROACH EARTHWORKS	<input type="checkbox"/>
SCALED LONG SECTION OF CHANNEL THROUGH BRIDGE/CULVERT	<input type="checkbox"/>
DETAILS OF RELEVANT EXISTING STRUCTURES	<input type="checkbox"/>
COMPLETED STATEMENT OF AUTHENTICITY	<input type="checkbox"/>
PLAN OF CATCHMENT AREA	<input type="checkbox"/>
COPY OF NOTICE OF GRANT OF PLANNING PERMISSION WITH CONDITIONS *1	<input type="checkbox"/>

<i>For OPW use only</i>	<i>Date of Receipt</i>							
<i>OPW Drainage Maintenance Region</i>	<i>East</i>	<input type="checkbox"/>	<i>South East</i>	<input type="checkbox"/>	<i>South West</i>	<input type="checkbox"/>	<i>West</i>	<input type="checkbox"/>
<i>Correspondence Number</i>	<i>OPW Register No.:</i>							
	<i>Consent Issued</i>				<input type="checkbox"/>			

If the application form is not completed correctly, and in its entirety, the application may be deemed invalid and returned for correction.

**ADDITIONAL INFORMATION**

Hydrological Analysis				
Methodology Applied		Flow *2 (m <sup>3</sup> /sec)	Factors Applied	
Method Used	Tick box if used or state other		Type of Factor	Value Used
6 - Variable FSR Catchment Characteristics	<input type="checkbox"/>		Factor for Standard Error	
3 - Variable FSR Catchment Characteristics	<input type="checkbox"/>		Climate Change	
IH 124	<input type="checkbox"/>		Irish Growth Curve	
Gauged Flow	<input type="checkbox"/>		Drained Channel	
Unit Hydrograph	<input type="checkbox"/>		Other	
Other	<input type="checkbox"/>		Tidal <input type="checkbox"/>	
Other	<input type="checkbox"/>			
Comments				

Hydraulic/Structure Details			
Description of Structure*3			
Effective Conveyance Area *4		m <sup>2</sup>	
Upstream Invert Level	mOD	Downstream Invert Level	mOD
Upstream Soffit Level	mOD	Downstream Soffit Level	mOD
Upstream Design Flood Level	mOD	Downstream Design Flood Level	mOD

**NOTES :**

1. In line with OPW policy, section 50 approvals should be sought for bridges and culverts that are necessary for access or deemed acceptable by the planning authority. A copy of the notice of grant of planning permission with all conditions should be enclosed with all applications, that are not exempt development under the Planning and Development Act, 2000, as evidence that these factors have been considered.
2. Flow is the estimated flow from the catchment, without any factors applied.
3. The following details are to be included: the channel bed level, invert and soffit levels of the structure along with the width, length and total conveyance area. Any environmental considerations such as bed depression, baffles, mammal walkways etc. should be described.
4. Effective conveyance area is from channel bed level to design flood level.
5. All levels must be given to Ordnance Datum, Malin Head.

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