

Castleconnell Flood Relief Scheme

Final Report

Stage 1 Planning Report

November 24



OPW

Oifig na
nOibreacha Poiblí
Office of Public Works



Tionscadal Éireann
Project Ireland
2040



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Contract

This report relates to the Castleconnell Flood Relief Scheme commissioned by Limerick City and County Council, on behalf of the Office of Public Works. Paul Browne, Leanne Leonard and Michael O'Donoghue of JBA Consulting carried out this work.

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Purpose

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Abbreviations

| | |
|--------|--|
| AA | Appropriate Assessment |
| ACA | Architectural Conservation Area |
| LDP | Limerick Development Plan 2022-2028 |
| CFRAM | Catchment Flood Risk Assessment and Management |
| DoEHLG | Department of the Environment, Heritage and Local Government |
| EcIA | Ecological Impact Assessment |
| EIA | Environmental Impact Assessment |
| EPA | Environmental Protection Agency |
| ESB | Electricity Supply Board |
| FRM | Flood Risk Management |
| FRS | Flood Relief Scheme |
| IFI | Inland Fisheries Ireland |
| INA | Initial Needs Assessment |
| LCCC | Limerick City & County Council |
| MCA | Multi Criteria Analysis |
| NIAH | National Inventory of Architectural Heritage |
| NIS | Natura Impact Statement |
| OPW | Office of Public Works |
| OSI | Ordinance Survey Ireland |
| PCD | Public Consultation Day |
| PPD | Public Participation Day |
| pNHA | proposed Natural Heritage Area |
| RMP | Record of Monuments and Places |
| RPS | Record of Protected Structures |
| SAC | Specific Area of Conservation |
| SoP | Standard of Protection |
| SuDS | Sustainable Drainage Systems |
| WFD | Water Framework Directive |

1 Executive Summary

The OPW, working in partnership with Limerick City & County Council and other Local Authorities, commissioned and completed the Shannon Catchment Flood Risk Assessment and Management (CFRAM) Study. The objectives of the CFRAM Study were to identify and map flood risk and to identify viable measures and options for the effective and sustainable management of flood risk in the Areas for Further Assessment (AFAs). The Shannon Upper & Lower River basin (UoM 25/26) CFRAM Study Area included Castleconnell as an Area for Further Assessment (AFA) and concluded that a flood relief scheme would be viable and effective for the community. Accordingly, following a public competition, JBA Consulting/JB Barry (now Egis) were commissioned by Limerick City & County Council (LCCC) to provide engineering and environmental services for the Castleconnell Flood Relief Scheme (the Scheme).

This scheme will be designed to provide protection to properties in the study area from the 1 in 100-year fluvial flood event (1% AEP event).

The first stage of the project, the Scheme Development and Design (Stage 1) is now complete and has identified a preferred option for mitigating fluvial flood risk in Castleconnell. As part of this exercise, a full review of all viable flood risk management measures and options were appraised for their viability and suitability to resolving the fluvial flood risk.

From the objective analysis of the Multi-Criteria Assessment and in applying professional judgement a preferred option has been deduced. This is a combination of the preferred options from each of the individual flood cells identified within the Study area. The preferred option is Option 2.

The key elements of Scheme are:

- Flood Defences in sections from Rivergrove B&B to Coolbane Woods in the form of embankments, flood defence walls, road raising, and demountable barrier infills.
- Protection of the Mall Road
- Channel maintenance and conveyance improvements in the Cedarwood Stream
- Upgrade of pluvial drainage and installation of both permanent and temporary pumping stations within the network

2 Introduction and Background

2.1 Introduction

This report has been prepared by JBA Consulting on behalf of and in conjunction with Limerick City and County Council. This Report accompanies an application for consent for a major flood relief scheme in Castleconnell, Co. Limerick, which is being made directly to An Bord Pleanála under the provisions of Section 175 and 177AE of the Planning and Development Act 2000, as amended (The Act).

2.2 Site Description

Castleconnell is located approximately 10km northeast of Limerick City. The study area for the scheme comprises the village centre with residential areas stretching outwards to the north and south, and more rural lands to the east. The River Shannon flows in a southerly direction past the western edge of Castleconnell. The village centre is located approximately 1km off the old Limerick/Dublin national road.

The study area is as outlined red in Figure 2-1.

The River Shannon is the largest river in Ireland, with a total catchment area covering approximately 15,700 km². The river rises in the Cuilcagh Mountains, at Shannon Pot, in Co. Cavan. The river flows in a southerly direction, discharging in the Shannon Estuary. Approximately 10,824km² of the Shannon catchment and associated flood flow is drained via Castleconnell village.

Flood flows at Castleconnell are heavily influenced by Parteen Weir and Lough Derg which is approximately 6.5km upstream of Castleconnell village.

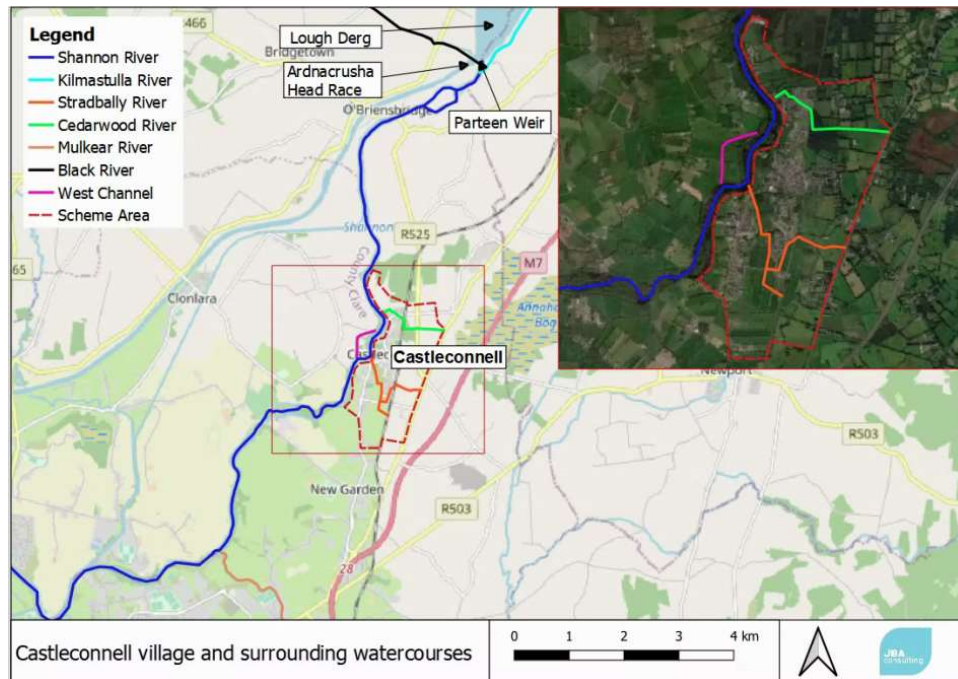


Figure 2-1: Castleconnell Study Area

2.3 Flood History and The Need for Flood Defence Measures

The River Shannon is the dominant source of flood flows at Castleconnell and heavily influenced by Parteen Weir and Lough Derg. The Shannon River is the natural outlet of Lough Derg, with the ESB regulating the flows over Parteen Weir. Other fluvial sources influencing the area are the Kilmatsulla River, Black River, Cedarwood Stream and Stradbally Stream.

The interaction with Ardnacrusha and the regulation of flows is a particularly key element of the hydraulic analysis of this scheme. For the purpose of the design of the Castleconnell FRS, an allowance has been made for operational conditions at Ardnacrusha that could, within reasonable contemplation occur. In the event of one turbine being out of operation for maintenance or as a result of mechanical failure, 3/4 of the flow has been assumed to continue down the head race and the rest would pass over Parteen Weir into the Old River Shannon. In a planned situation, a spillway can be opened at Ardnacrusha and the flows along the canal maintained. However, as the spillway is not automatic, in an unplanned situation it cannot pass the full flow immediately. Therefore, a reduced flow down the head race is considered in the design of the scheme. These limitations in operational conditions will result in greater discharge passing over the weir at Parteen into the Old River Shannon resulting in a 1% AEP peak flow of 591 m³/s. This is adopted as the Baseline Design Event for the River Shannon downstream of Parteen Weir.

Due to this modified flow regime, the Shannon River downstream of Parteen Weir has significantly changed geomorphic characteristics with the manmade development of river features which have further developed into semi-permanent features and islands with a heavy vegetation growth. The riverbed is also regularly intersected by inline rock weirs creating a stepped profile through the reach at Castleconnell. Castleconnell village and the surrounding area was badly flooded in the winter of 2009 following record rainfall over the large River Shannon catchment. Further flood events were experienced in 2015/2016 and 2020.

The Shannon Upper & Lower River basin (UoM 25/26) CFRAM study area included Castleconnell as an Area for Further Assessment (AFA) and concluded that a flood relief scheme would be viable and effective for the community. Accordingly, following a public competition, JBA Consulting/JB Barry (now Egis) were commissioned by Limerick City & County Council (LCCC) to provide engineering and environmental services for the Castleconnell Flood Relief Scheme (the Scheme). This scheme will be designed to provide protection to properties in the study area from the 1 in 100-year fluvial flood event (1% AEP event).

Detailed hydrological and hydraulic analysis of the Shannon and other rivers/streams in Castleconnell has been carried out by JBA in consultation with LCCC, OPW and the ESB to develop an appropriate design flow for the scheme. The Scheme will be designed to defend against the 1-in-100 year event (1% AEP). Further information can be found in the Hydrology Report and Hydraulics Report.

2.4 The Proposed Development

Hereunder provides an overview of the proposed development. More detailed descriptions of this can be found within both the Options Report and the EIAR (Chapter 4).

Generally, the FRS will comprise a series of walls and embankments along the banks of the River Shannon in Castleconnell, along with demountable flood barriers, road raising works, and removal of vegetation and alterations of a culvert on the Cedarwood Stream, a tributary of the River Shannon in the northern part of Castleconnell.

The proposed walls and embankments will run generally from north to south, mostly between the river and the built-up area of Castleconnell. At the northern end of the scheme, new flood walls will be constructed along the boundary of two houses (Rivergrove B&B and Grange House), with minor changes to the layout of one garden to facilitate the new walls,

and minor changes to drainage infrastructure. A new flood wall will also be constructed around Mall House, and along the length of the Mall Road, to the entrance of Island House.

Island House will require alterations to its entrance in the form of road raising and a demountable flood barrier. South of the entrance, the new flood wall on Mall Road will continue, with a realigned footpath inside it. At Maher's Pub, the flood wall will continue, before transitioning into an earth embankment to the west of Meadowbrook. This will merge into higher ground at Stormont House, which will require a low-level flood wall, and road raising along its driveway.

At the entrance to Coolbane Woods, road raising will occur, and an earth embankment will be constructed along the back of the houses. A demountable flood barrier is also required at the Coolbane Woods junction. This barrier will be put in place only during flood events, and will mean that this road will be closed any time the barrier is in place. An alternate route into Castleconnell from the south will be in use at these times.

The installing of fluvial defences will result in a change in how the existing pluvial (stormwater drainage) system operates. As such, a suite of upgrades and amendments to the network is proposed. This includes the introduction of both permanent and temporary pumping station installations.

The final part of the proposed development is removal of overgrown vegetation along the Cedarwood Stream from the railway line to approximately 300m downstream, and replacement of two private culverts along the Cedarwood Stream, at the northern end of Castleconnell. The Cedarwood Stream flows into the River Shannon downstream of the proposed works.

A total of 50 properties will be protected due to this scheme, 15 of which are commercial and 35 of which are residential.

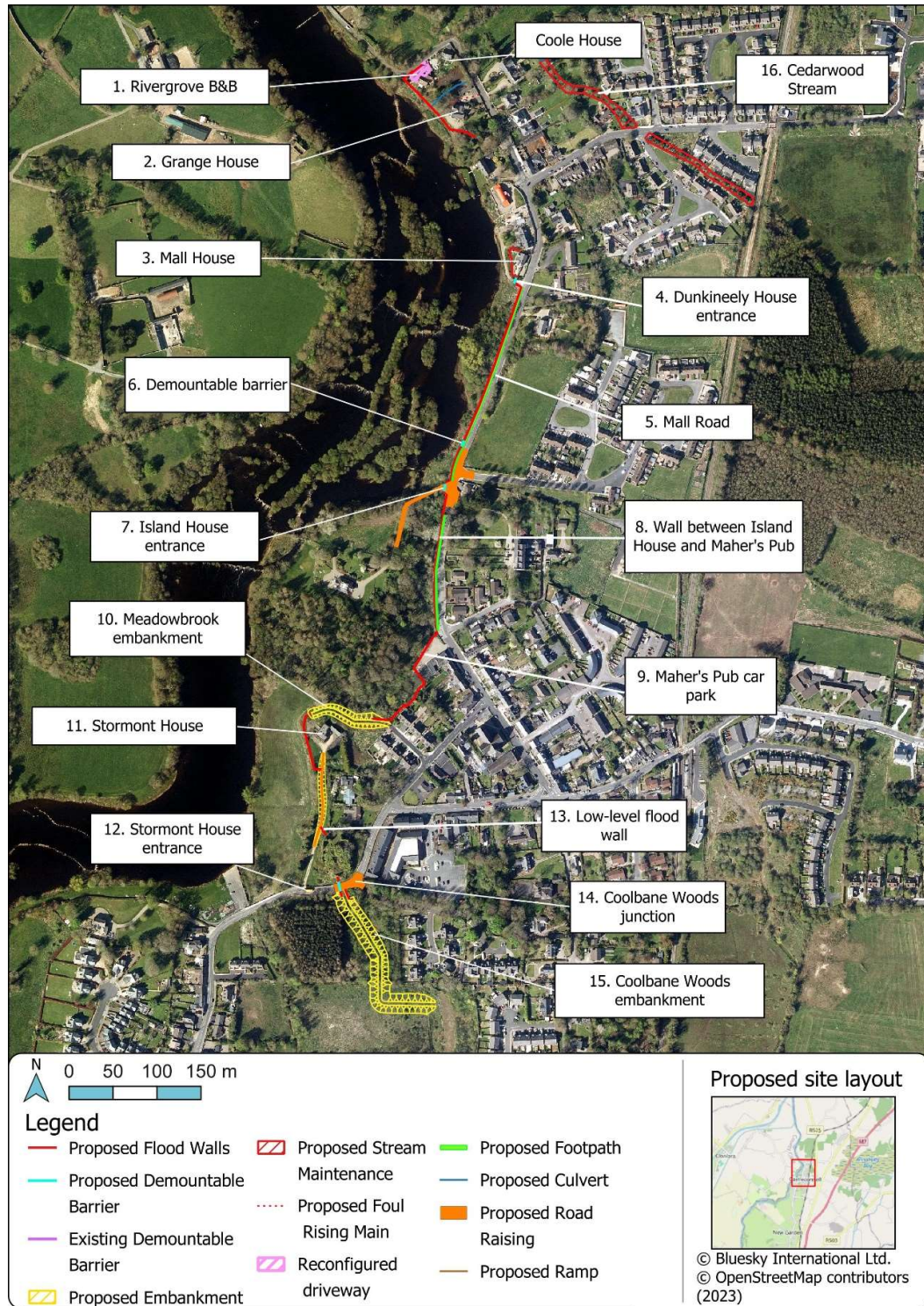


Figure 2-2 Overview of proposed development

3 Application Details

3.1 Applicant's Details

Limerick City and County Council is the Applicant for the proposed Castleconnell Flood Relief Scheme.

Limerick City and Council's address is Limerick City and County Council, Corporate Headquarters, Merchants Quay, Limerick.

We would however request that any An Bord Pleanála correspondence relating to this planning application be sent to the following contact address:

JBA Consulting

Unit 24 Grove Island

Corbally

Limerick

V94 312N

3.2 Application Fee

The prescribed fee of €30,000, for Local Authority development requiring an EIAR (Section 175 of The Act), has been transferred to An Bord Pleanála by electronic transfer. See Appendix A for a copy of the payment of fees receipt.

3.3 Application Structure

The proposed application covers a wide range of reports and associated supporting documentation in order to assist An Bord Pleanála in its assessment of the Proposed Development.

The structure of the application for approval generally consists of the following:

- Application Plans and Particulars
- Site Notice and Letters to Residents
- List of prescribed Bodies
- Appropriate Assessment Screening/Natura Impact Statement; and
- Environmental Impact Assessment Report and Appendices.

The application has been prepared by a Design Team comprising of JBA Consulting and Egis Engineering Ireland Ltd.

3.4 List of Enclosures

3 no. hard copies of the application have been submitted to An Bord Pleanála along with 2 no. digital copies in accordance with the Planning & Development Regulations.

The necessary copies are being issued to the Planning Authority (Limerick City and County Council) and prescribed bodies.

Please find enclosed the following with this application:

- Cover letter to An Bord Pleanála;
- Copy of Newspaper Notices published in the Limerick Leader and the Irish Examiner
- This Planning Application Report, which includes the following appendices:
 - Appendix A: Application Fee Receipt

- Appendix B: Copy of Newspaper Notices and Copy of Site Notice;
- Appendix C: Copy of Letters to Prescribed Bodies
- Appendix D: EIA Portal Confirmation Notice
- Appendix E: Copy of Letters to Landowners
- Appropriate Assessment (AA) Screening Report and Natura Impact Statement (NIS)
- Environmental Impact Assessment Report (EIAR)
- Hydrology Report
- Hydraulics Report
- Options Report
- Photomontages;
- A copy of the Site Notice is appended to this report. Drawings of Site Notice Locations and planning redline boundary extent are also included. The locations and number of these notices was extensive so as to encourage any persons likely to be affected by the works to make a submission;
- Drawings consisting of plans, sections and details of engineered flood defence structures and drainage elements;
- Archaeological Testing Report;

3.5 Planning Drawings

The drawings enclosed with this application have been screened with reference to the Planning and Development Regulations and are consistent with the spirit and intent of same.

3.6 Public Notices

With respect to public notices, a newspaper notice was placed in the Limerick Leader and the Irish Independent on 14 November 2024.

3.7 List of Prescribed Bodies issued with copy of Application

Prior to lodgement of this application to An Bord Pleanála, a copy of the application plans and particulars, including the Environmental Impact Assessment Report has been issued to the appropriate Prescribed Bodies outlined in the Regulations.

A list of the Prescribed Authorities will be issued a copy of the application are as follows:

- An Taisce - The National Trust for Ireland;
- Bat Conservation Ireland;
- Birdwatch Ireland;
- Coillte;
- Dept. of Agriculture, Food, and Marine;
- Dept. of Environment, Climate and Communications;
- Dept. of Housing, Planning, and Local Government;
- Dept. of Transport, Tourism, and Sport (DTTAS);
- Environmental Protection Agency (EPA);
- Electricity Supply Board (ESB);
- Failte Ireland;
- Geological Survey Ireland (GSI);

- Health Service Executive (HSE);
- Inland Fisheries Ireland (IFI);
- Irish Environmental Network;
- Irish Heritage Trust;
- Irish Wildlife Trust;
- Local Authorities Water Programme (LAWPRO);
- National Monuments Service;
- National Parks and Wildlife Service;
- National Transport Authority;
- Office of Emergency Planning;
- Office of Public Works (OPW);
- Sustainable Water Network Ireland (SWAN);
- Teagasc;
- The Heritage Council;
- Transport Infrastructure Ireland;
- Uisce Éireann.

A copy of the letter to be sent to each Prescribed Body is enclosed with this application in Appendix C.

3.8 Pre-Planning Consultation with An Bord Pleanála

Under Section 175 of the Planning and Development Act, there is no mechanism in which to engage in pre-planning consultation with An Bord Pleanála prior to lodgement of the application.

3.9 Dept. of Housing, Local Government and Heritage - EIA Portal

Prior to lodgement of the application, the Department of Housing, Local Government and Heritage has been notified of the EIAR that accompanies this application and of locations at which it can be viewed along with the application plans and particulars. Acknowledgement of this submission to the Department is enclosed with this application to An Bord Pleanála. This can be found in Appendix D.

3.10 Access to planning documentation

Hard copies of the application plans and particulars and the EIAR will be available for public inspection at the offices of An Bord Pleanála and Limerick City and County Council. With respect to the LCCC offices, the documents will be available at both of the following locations:

**Merchant's Quay
Limerick
V94 EH90**

**Dooradoyle Road,
Dooradoyle,
Limerick,
V94 WV78**

The full suite of documents as referenced in 3.3 will be also available to view and download at the following website address:

<https://www.castleconnellfrs.ie/>

This website contains a complete set of the plans and particulars submitted with this application.

4 Hydrological and Hydraulic Analysis

Detailed hydrological and hydraulic analysis of the Shannon and other rivers/streams in Castleconnell has been carried out by JBA in consultation with LCCC, OPW and the ESB to develop an appropriate design flow for the scheme. The Scheme will be designed to defend against the 1-in-100 year event (1% AEP). Further information can be found in the Hydrology Report and Hydraulics Report. A summary is provided hereunder.

4.1 Study Area Overview

The River Shannon is the dominant source of flood flows at Castleconnell although it is heavily influenced by Parteen Weir and Lough Derg. The Shannon River is the natural outlet of Lough Derg, with the ESB regulating the flows over Parteen Weir. Other fluvial sources influencing the area are the Kilmastulla River, Black River, Cedarwood Stream and Stradbally Stream.

Over time, as a result of the modified flow regime, the Shannon River downstream of Parteen Weir has significantly changed geomorphic characteristics with the manmade development of river features which have further developed into semi-permanent features and islands with heavy vegetation growth. The riverbed is also regularly intersected by inline rock weirs creating a stepped profile through the reach at Castleconnell.

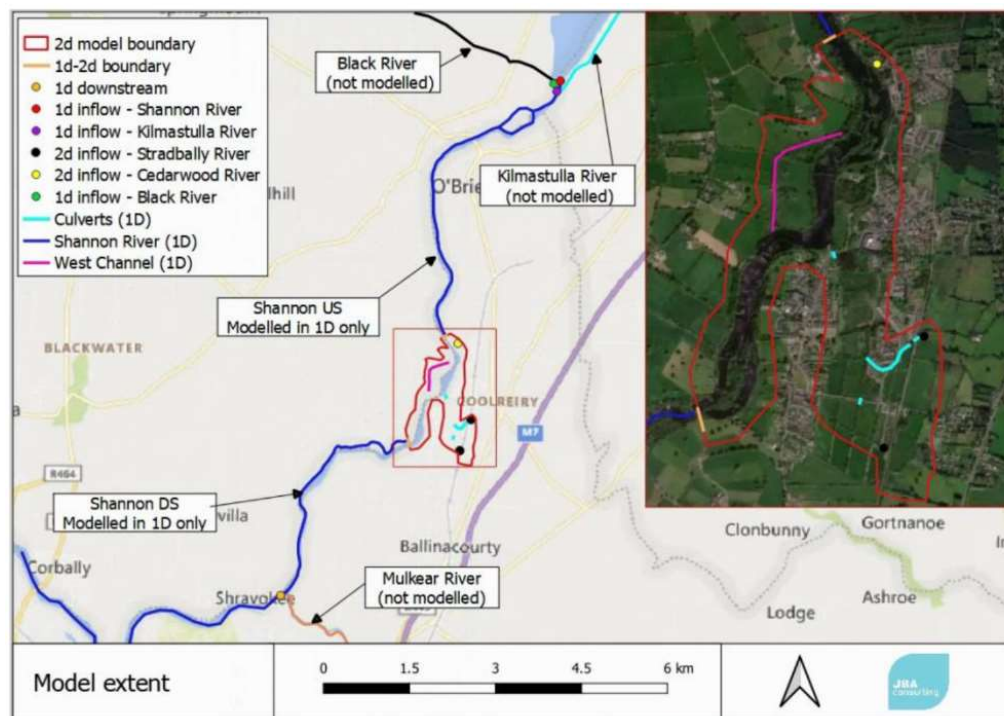


Figure 4-1 Castleconnell Model Extent - Shannon

4.2 Model Development Overview

The Shannon River channel through the study area is characterised by high hydraulic complexity, with many islands, pools and weirs present along the channel, influencing the hydraulic regime. A 1-dimensional (1D) model built by interpolating cross sections is not capable of capturing the hydraulic effects and spatial variation created by the in-channel features, therefore, this study commissioned additional topographical and river survey to provide sufficient detail to construct a 2-dimensional (2D) model able to directly represent the hydraulic behaviour of these features. Reaches upstream and downstream of the

scheme area have retained representation of the channel within 1D to provide routing from Parteen Weir to the study area and to provide sufficient distance downstream of the study area to reduce uncertainty associated with tailwater conditions.

Two models were built for this study. The primary model represents the Shannon River from Parteen Weir to the Mulkear River confluence, whilst the second model represents the Cedarwood tributary in Castleconnell.

The Cedarwood Stream at the northern end of Castleconnell is a significantly smaller watercourse than the Shannon River. CFRAM modelling has shown it is a source of flood risk to Castleconnell and there is also the potential for backwater flow from the Shannon River exceeding bank heights of the Cedarwood Stream.

Due to the significant change in scale between the Cedarwood Stream and the Shannon River, a separate 1D-2D FM-Tuflow model was built for Cedarwood Stream with a downstream water level – time boundary using the water levels recorded on the Shannon from the main model.

In the main Shannon River model, the Cedarwood Stream is not included, with the flows being added directly into the 2D domain at its outlet to the Shannon River. The main Shannon model includes the Stradbally stream, modelled in 2D, with the culverts modelled in 1D as Estry elements.

4.3 Model Calibration

In Castleconnell area recent significant flood events occurred in November 2009, December 2015 and February 2020. Feb 2020 had the benefit of a comprehensive flood data collection programme.

The model has been calibrated against the 2020 event and validated against the 2009 event. Priority was given to the 2020 event due to the increased reliability and distribution of flood marks across the reach. The 2015 flood event was not assessed due to insufficient reliable data to form a calibration.

4.4 Baseline design event

During flood events under "standard operational conditions", we have assumed four turbines are in operation and 345 m³/s is regulated to the turbines in Ardnacrusha. The head race flow assumption of 345 m³/s is based upon previous estimates in the Shannon CFRAM studies as informed by the ESB. With this assumed head race flow a "504 Event" was established for the Old River Shannon at the HEP downstream of Parteen Weir, with a 1% AEP peak flow of 504 m³/s. This flow is similar in scale to that experienced in the 2009 flood event.

For the purpose of the design of the Castleconnell FRS, an allowance has been made for operational conditions at Ardnacrusha that could, within reasonable contemplation occur. In the event of one turbine being out of operation for maintenance or as a result of mechanical failure, 3/4 of the flow has been assumed to continue down the head race and the rest would pass over Parteen Weir into the Old River Shannon. In a planned situation, a spillway can be opened at Ardnacrusha and the flows along the canal maintained. However, as the spillway is not automatic, in an unplanned situation it cannot pass the full flow immediately. Therefore, a reduced flow down the head race must be considered in the design of the scheme. The Design Team adopted a suite of operational conditions to define the potential uncertainties within the design flow. Extended turbine maintenance has been necessary during previous flood seasons, in February/March 2020 for example, where one turbine was out of commission during the 2020 winter season. This supports why a conservative approach has been taken when considering the headrace inflow quantum in selecting the design flow in the Old River Shannon. These limitations in operational conditions will result in greater discharge passing over the weir at Parteen into the Old River Shannon resulting in a 1% AEP peak flow of 591 m³/s. This is adopted as the Baseline Design Event for the River

Shannon downstream of Parteen Weir. This approach has been adopted to ensure that appropriate contingency is accommodated in the design of the flood relief scheme to afford a high level of flood protection to Castleconnell Village and the scheme area, allowing for limitations in operational conditions at the power station.

4.5 Model conclusion

The River Shannon, heavily influenced by the Parteen Weir and Lough Derg, is the main source of flood flows at Castleconnell. Other contributing fluvial sources include the Kilmastulla River, Black River, Cedarwood Stream and Stradbally Stream. The Shannon River channel through the study area is characterised by high hydraulic complexity, with many islands, pools and weirs present along the channel, influencing the hydraulic regime. Given this complexity, a 2-dimensional (2D) model was constructed to directly represent the hydraulic behaviour of these features, with additional topographical and river survey commissioned to provide sufficient detail for the model. The resulting 1% AEP flood extents are included in Figure 4-2.



Figure 4-2: 1% AEP Flood Extent Map (Undefended)

5 Detailed Description of the Works

5.1 Scheme Analysis and Development of Options

The following options are a combination of the measures that were determined to be the most appropriate for Castleconnell village. Each of these options has considered how the scheme may need to be adapted in the future to allow for the impact of climate change on flows and the defences will allow for this future adaption in terms of alignment and height.

Table 5-1: Options Overview

| Option | Brief Description |
|----------|--|
| Option 1 | Flood defences in sections from Rivergrove B&B to Coolbane Woods. Does not include protection to the Mall Road (Section A). Uses Island House as part of the defences by cutting off Cloon Stream. |
| Option 2 | Flood defences in sections from Rivergrove B&B to Coolbane Woods. Includes protection for the Mall Road (Section A). Does not isolate Cloon Stream. |
| Option 3 | Flood defences in sections from Rivergrove B&B to Coolbane Woods. Does not include protection to the Mall Road (Section A). Does not isolate Cloon Stream. |

5.2 Preferred Option and Proposed Scheme

The full appraisal of each of the options is included in the Options Report, which accompanies this submission. Within this, a full multi-criteria analysis was undertaken, with each option assessed against environmental, technical social and ecological criteria. Each of the options was costed and compared against the estimated benefits of developing the scheme. Following this analysis, Option 2 was chosen as the preferred option and forms the basis of the proposal of this planning application.

The following details the proposed flood relief scheme elements. The areas are divided into North, Central and South. These are identified in the graphics of Figure 5-1, Figure 5-2, Figure 5-3 & Figure 5-4.

- Replacement of the existing wall to the west of Rivergrove B&B with a new flood wall. The new flood wall extends across the existing entrance and a new entrance will be provided at higher ground further to the east. Relocating the entrance above the flood level omits the need for a demountable barrier at this location and provides passive flood protection to the property. Provision of a new low-level plinth inside the existing front boundary wall to the north of the B&B will avoid the need to replace the existing high stone wall. The proposed flood walls at this location will have a sheet piled foundation with a reinforced concrete plinth supporting a reinforced concrete flood wall which will be clad in stone similar to the existing wall. A short length of glass panels will be provided within the flood wall to maintain some of the view of the river from the conservatory.
- Replacement of the existing wall to the west of Grange House with a new flood wall that will continue along the southern side of the driveway until it ties in with high ground. Glass panels will be provided in sections, as agreed with the homeowner, to maintain views of the river from key areas of the house. Ground levels between the driveway and the wall will be raised flush with the driveway to minimize the height of the wall from the garden. The proposed flood wall at this location will have a sheet piled foundation with a reinforced concrete plinth

supporting a reinforced concrete flood wall which will be clad in stone similar to the existing wall. The open section of the Cedarwood Stream adjacent to the Mill Building will remain open, and a new culvert will be provided from the downstream point of this open section to outfall to the River Shannon through the proposed flood wall. In order to avoid removal of the open stream feature in the garden, there will be a minor diversion of the Cedarwood Stream so that the new culvert is constructed to the north of the open stone feature. The discharge point for this culvert will remain the same to avoid any negative impacts on the receiving SAC and hydrophilous tall herb. A pumped water fountain type arrangement will be installed on the open feature to maintain the appearance and sound of flowing water. A new pumped foul connection will be provided to the public foul sewer to replace the existing free outfall from the house to the Cedarwood Stream open stream feature.

- Replacement of the wall to the north, west and south of Mall House with a new reinforced concrete flood wall that will be clad in stone similar to the existing wall. Where the northern face of the house is constructed against the boundary wall, a proposed ramp from the boundary wall to the corner of Dunkineely House will cut off flows from the west. The northern wing wall and hedge to the main entrance of Dunkineely House will be removed and demountable barriers will be provided in the gateway (one existing vehicular entrance plus one proposed pedestrian entrance). Protection is not required to the front of Mall House because the Mall Road is protected.
- Provision of a new demountable flood barrier to the entrance on Dunkineely House (immediately to the south of Mall House). The alternative to a demountable barrier at this location would be to raise the driveway for a length of approximately 60m and/or the adjacent stone wall. This would involve potential impacts to the adjacent alluvial woodland. As the river runs immediately adjacent to a section of the wall under normal flow conditions, significant works would be required in the SAC to mitigate against pollution during construction. Such works would prevent the flow path onto the public road but would not provide access for the property. This would involve further raising of the driveway along its entire length up to the house. It should be noted that alternative access is available through a gated entrance to the north of the house, however, this should only be used as an emergency access due to the restricted sightlines on the road.
- The existing wall to the west of Mall Road is to be replaced by a new flood wall. This new structure will be set back and constructed outside the Special Area of Conservation (SAC) and alluvial woodland area, ensuring minimal environmental impact. This wall will be constructed of reinforced concrete and clad with stone from the existing wall, where possible, on the dry side and with a similar locally sourced stone on the wet side. The capping from the existing wall will be re-used where possible.
- Provision of demountable barrier in the main fisherman access point through the existing Mall wall, known locally as Broderick's slip. This has been identified as a key access point to the river for boating and fishing. Alternatively, a ramped access was considered however was not brought forward due to reasons of construction in the SAC - the required height of such a ramp would be 1.2m meaning that it would extend over a length of c. 15-20m on each side of the ramp top. This would also result in the permanent loss of a significant area within the SAC at this location.
- Provision of a ramp at the entrance to Island House, to the '504 event' 1% AEP flood level (23.70m). Provision of a demountable flood barrier on top of this to defend up to the 'Baseline design event (limitations in operational conditions)' with an allowance for freeboard. Nominal raising of the Scanlon Park junction,

approx. 100mm, will be required to accommodate this. Raising of the driveway to Island House by c. 250mm. Provision of a new handrail along either side of the causeway. Removal of the sluice gates on the causeway structure to allow flow through Cloon Stream.

- The existing wall between Island House and Maher's Pub will be replaced with a new flood wall, setback for most of its length. However, approximately 55 metres of the wall, immediately south of the entrance to Island House, will be aligned with the existing wall due to the narrowness of the adjacent road. This wall will be constructed of reinforced concrete and clad with a stone similar to the existing.
- Provision of a new flood wall to the rear of Maher's Pub car park. It is proposed to set back the wall along the rear (western) boundary by c. 6m to remain outside of the RPZ of the Cedar tree (which is used by herons for nesting). This wall will be constructed of reinforced concrete and clad with a stone similar to the existing surrounding walls. The flood wall extends along the northern boundary of nr. 7 Meadowbrook Estate, terminating at the end of the cul-de-sac. The section of wall from the rear of Maher's Pub to the downstream embankment will have a sheet piled foundation with a reinforced concrete plinth supporting a reinforced concrete flood wall. Some sections will be clad with stone where required. A section of the existing boundary wall at the end of the Meadowbrook cul-de-sac will be removed, and a gate will be provided through the wall to provide emergency access to Stormont House and for maintenance of the embankment in the Stormont House grounds only. There will be no access for members of the public through the gate.
- Provision of an embankment along the rear of Meadowbrook Estate, from nr. 7 Meadowbrook Estate and north of Stormont House.
- A low-level reinforced concrete flood wall along the west of Stormont House, inside the existing castellated wall. This wall will be clad with stone similar to the adjacent castellated wall.
- Raising ground levels along the Stormont House entrance road.
- A short length of low-level reinforced concrete flood wall to tie in with rock at the Castle in two locations, one to the east of the entrance to Stormont House and the second adjacent to the road raising at the Coolbane Woods junction. These walls will be concealed by earth at either side.
- Road raising to the '504 event' 1% AEP level at the Coolbane Woods junction adjacent to the Castle. Provision of a demountable flood barrier to the west of the junction, to defend up to the 'Baseline Design Event (limitations in operational conditions)' with an allowance for freeboard. The alternative to this would be to raise c. 160m of the Chapel Hill Road by up to 1m, which would also require replacement of the existing stone walls on either side of the road.
- Proposed embankment along the southern boundary of the Coolbane Woods entrance road and along the rear of house no.'s 1-4, to tie into higher ground to the south.
- Removal of overgrown vegetation from the Cedarwood Stream, from its interface with the railway crossing to property Coole House, as part of the construction works. Regular inspection and maintenance thereafter to manage future vegetation that may impact conveyance.
- Replacement of the existing circular culvert at property Coole House with a larger rectangular culvert. Widening of the existing channel for a distance of c. 15m immediately upstream of this culvert to ensure improved conveyance.
- To manage surface water runoff during times of flooding when outfalls are surcharged, a series of high-level overflows will be constructed in select manholes

to convey surface water to two temporary pump sumps (one in Maher's Pub car park and another in the lands at Coolbane Woods) and a permanent pump at the Scanlon Park junction. Alterations in terms of alignments and pipe sizes may be made to select surface water sewers to convey the necessary flows, to be confirmed at detailed design stage.

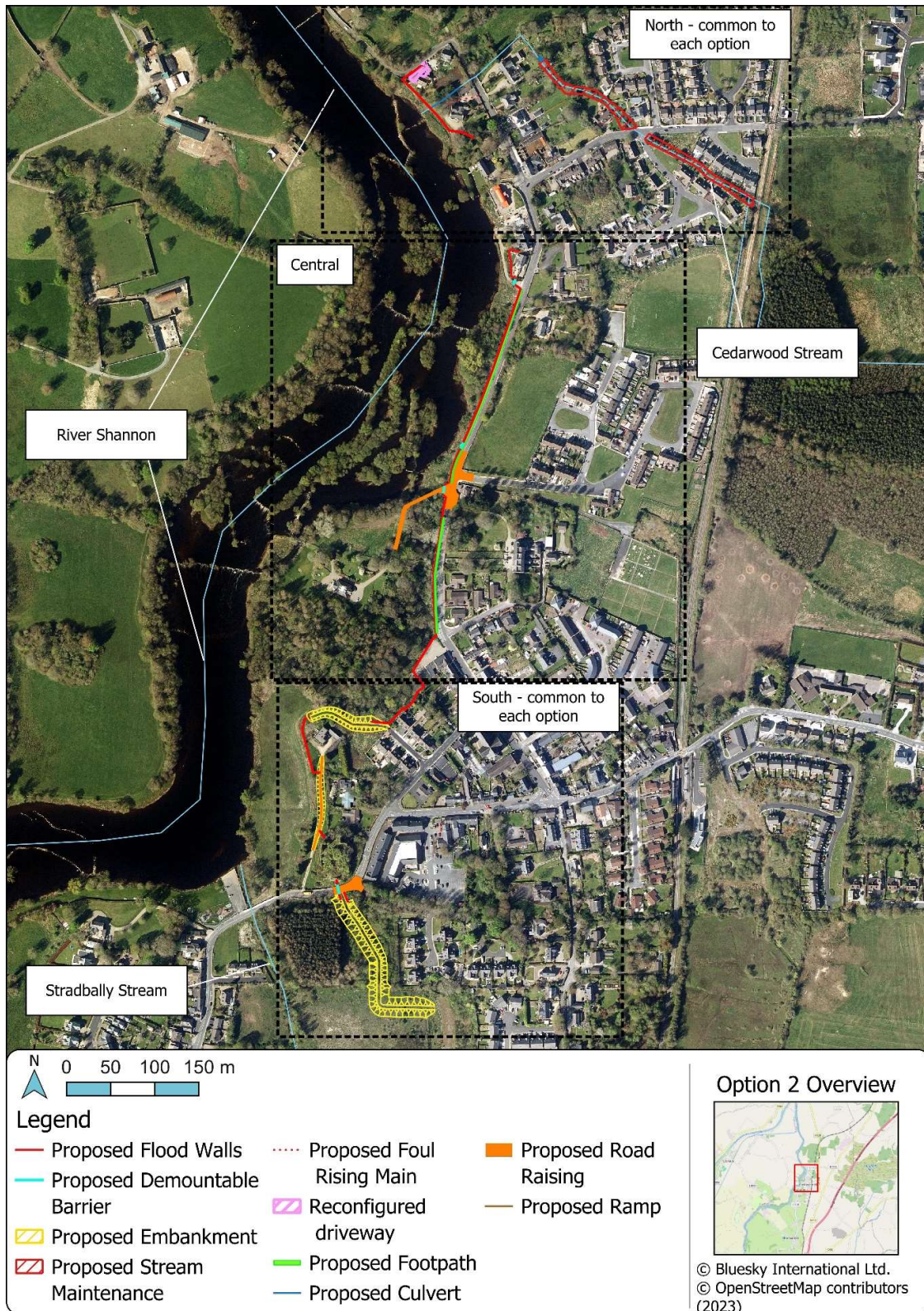


Figure 5-1 Works Areas

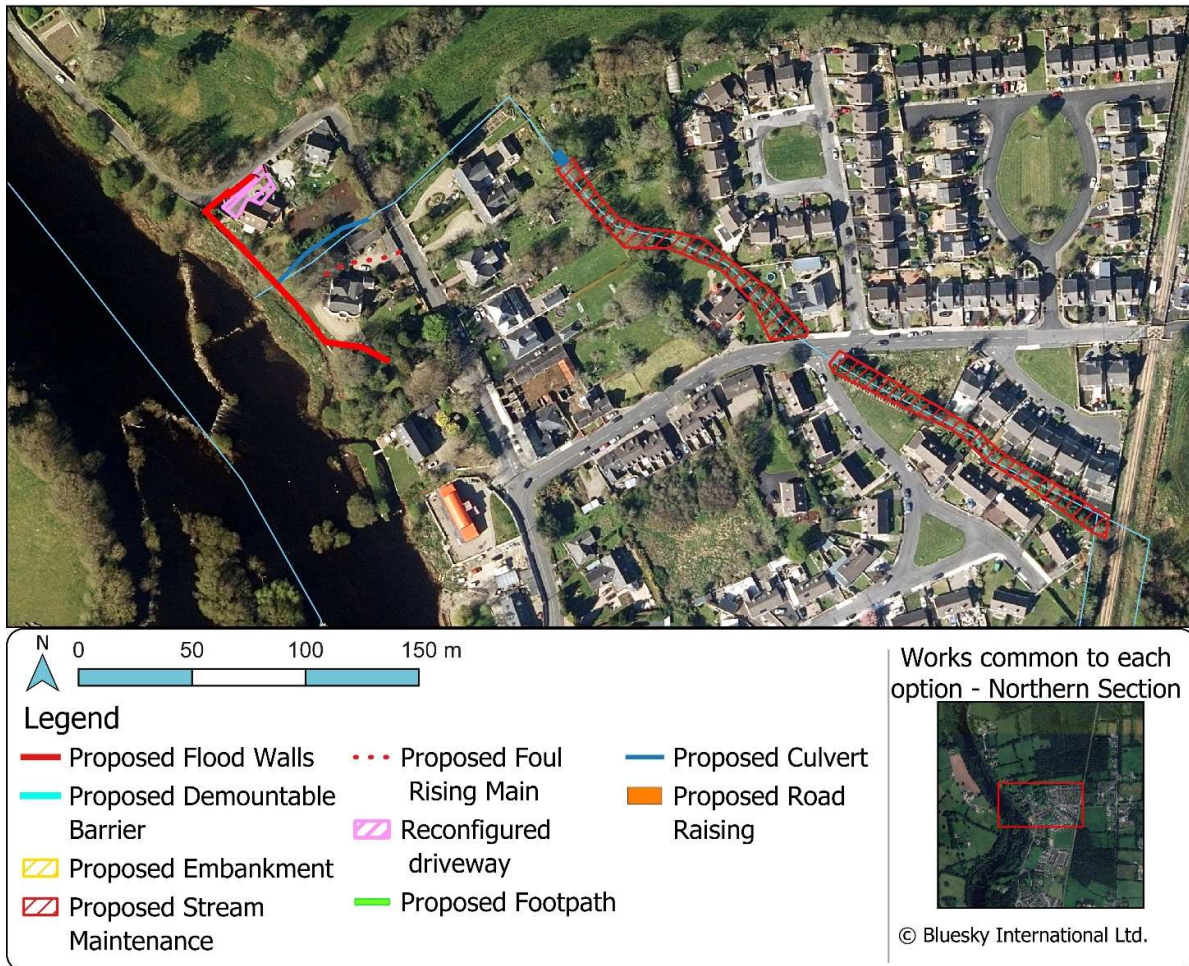


Figure 5-2 Works (North)

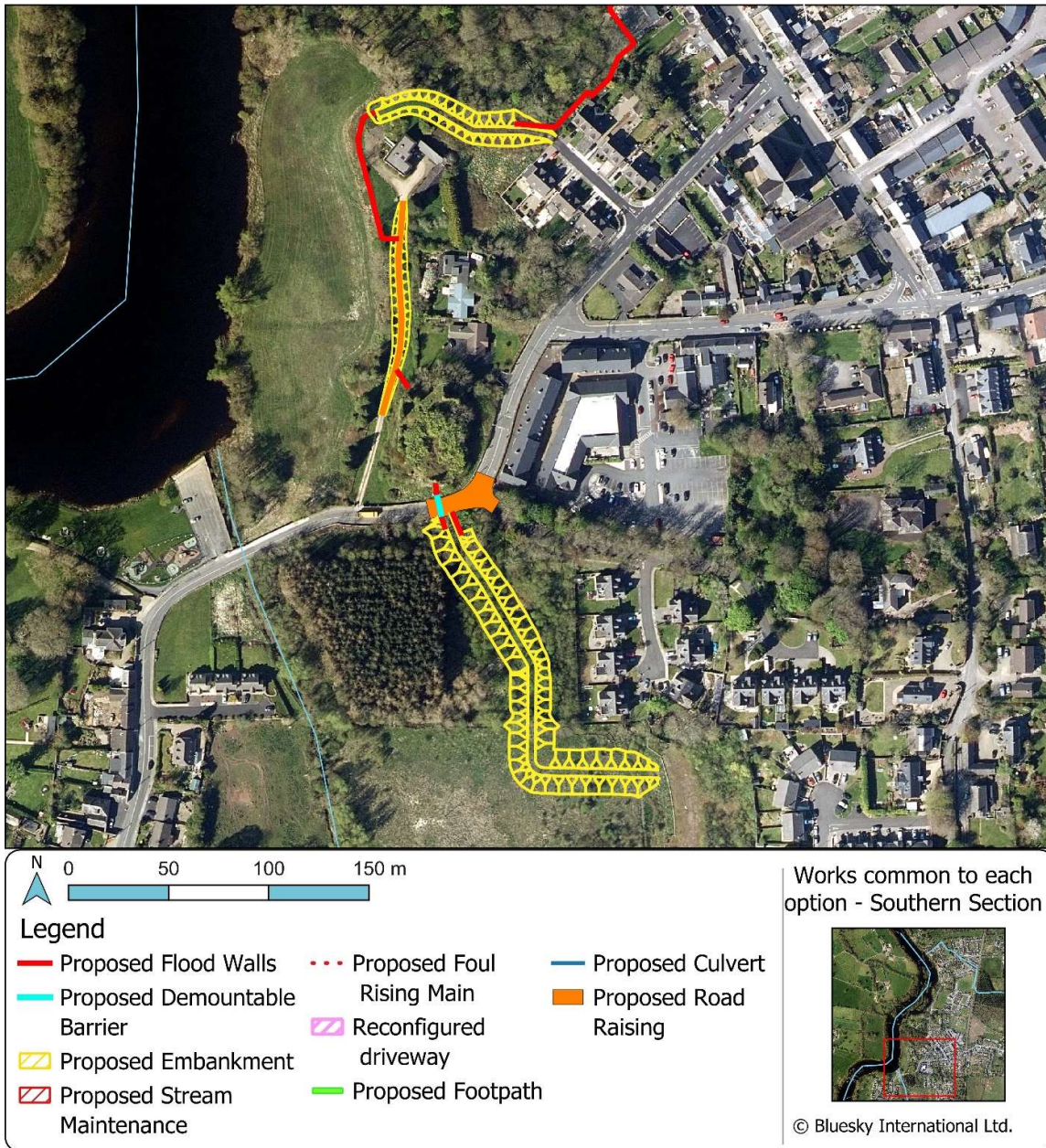


Figure 5-3 Works (South)



Figure 5-4 Works (Central)

6 AA Screening/Natura Impact Statement

An Appropriate Assessment Screening Report (AA Screening) and Natura Impact Assessment (NIS) have been prepared by the project team in respect of the proposal.

The Natura Impact Statement provides information for the competent authority to undertake the Stage 2 Appropriate Assessment of the proposed Castleconnell Flood Relief Scheme and in particular to examine the potential direct and indirect impacts on the following Natura 2000 sites:

- Lower River Shannon SAC
- River Shannon and River Fergus Estuaries SPA.
- Lough Derg (Shannon) SPA

A phase 1 Screening for Appropriate Assessment (Section 3) concluded that the potential for significant effects is likely in relation to the above sites. This screening exercise followed a methodology which examines three source > pathway > receptor chains: surface water, land and air, and groundwater pathways. The proposed FRS works are located directly adjacent to the Lower River Shannon SAC and upstream of River Shannon and River Fergus Estuaries SPA and downstream of Lough Derg SPA.

Where potentially significant adverse impacts were identified, a range of mitigation and avoidance measures have been recommended. Mitigation measures have been proposed for the area of the proposed development site, including surface water; air (dust), and disturbance mitigations ensuring that the QIs of Natura 2000 sites do not suffer any adverse effects as result of the development.

It is therefore concluded that provided that the mitigation measures outlined are strictly adhered to, there will be no adverse impacts from the works involved with the proposed Flood Relief Scheme in Castleconnell. The presence of surface water, groundwater and land and air pathways give rise to potential impacts on the Lower River Shannon SAC during construction of the proposed development, informing the conclusion that the proposed development could not be "Screened out" and the proposed development should be subject to the requirement for AA.

The NIS concludes that following implementation of mitigation measures which have been developed following AA of the implications of the proposed development for European sites, and in view of relevant Conservation Objectives, the proposed development will have no adverse effects on the integrity of any European sites, either alone or in-combination with other plans or projects.

7 Environmental Impact Assessment Report Outline (EIAR)

7.1 Overview of EIAR

In the case of the proposed Flood Relief Scheme for Castleconnell Co. Limerick the immediate contributing sub-catchment is circa 160 hectares. As this exceeds the relevant threshold, a mandatory EIAR of the proposed scheme is required to be prepared and submitted to support the application.

The EIAR for the application has been undertaken in two stages. Firstly, a scoping assessment was undertaken in order to identify the key elements that could have the potential to result in impacts on the site and its environs. This scoping exercise also assisted in determining the nature and level of detail of information to be contained in the EIAR, in essence the scoping formed the terms of reference for the EIAR. The Scoping Report was circulated to statutory consultees and key stakeholders, and the responses are summarised within the Consultation Chapter of the EIAR.

The second stage of the EIAR is the assessment of the effects of those subjects deemed necessary in the Scoping Report because of a potential significant change in the level of impact.

7.2 Structure of EIAR

The accompanying EIAR has been completed in accordance with the requirements as set out in the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 S.I. No. 296/2018

- Guidelines on the Information to be contained in Environmental Impact Assessment Reports (EPA, 2022)
- Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment (Department of Housing, Planning and Local Government, 2018)
- Environmental impact assessment of projects: Guidance on the preparation of the environmental impact assessment report (European Commission, 2017)

The EIAR for the proposed scheme consists of the following volumes:

- Volume 1, Non-Technical Summary;
- Volume 2, Environmental Impact Assessment Report; and
- Volume 3, Environmental Impact Assessment Report Appendices

The assessment follows the 'grouped format' as set out in the EPA's guidance document (2002):

- The baseline conditions for the environmental aspects are described
- The effect of the proposed development on the environment is assessed and described.
- Mitigation measures to remedy/reduce the significant impacts are given.

The structure of this EIAR is set out as follows:

1. Introduction
2. Legislation and Planning Policy
3. Examination of Alternatives
4. Description of Proposed Development
5. Consultation
6. Construction Impacts – Air Quality, Noise and Vibration, and Climate

7. Population and Human Health
8. Biodiversity
9. Land and Soil
10. Water – Surface and Groundwater
11. Material Assets
12. Cultural Heritage
13. Landscape and Visual Amenity
14. Interactions
15. Cumulative Impacts

7.3 EIAR Team

Article 5(3)(a) of amended EIA Directive (2014/52/EU) (EIA Directive) states that:

“The developer shall ensure that the environmental impact assessment report is prepared by competent experts”.

Table 7-1 EIAR Team

| Chapter | Consultant | Author |
|-------------------------------------|-----------------------------------|---|
| Introduction | JBA Consulting | Leanne Leonard BEng (Hons) MIEI Conor O’Neill BA (Mod) MSc Adv Dip Bernadette O’Connell BA MSc CMLI PgCert |
| Legislation and Planning Policy | Coakley O’Neill Town Planning Ltd | Aiden O’Neill BSc (Hons) PG Dip MIPI |
| Examination of Alternatives | JBA Consulting | Ana Tomori BSc MSc MSc CIWEM (Student Membership) Leanne Leonard BEng (Hons) MIEI Bernadette O’Connell BA MSc CMLI PgCert |
| Description of Proposed Development | JBA Consulting | Conor O’Neill BA (Mod) MSc Adv Dip Leanne Leonard BEng (Hons) MIEI |
| Consultation | JBA Consulting | Conor O’Neill BA (Mod) MSc Adv Dip Bernadette O’Connell BA MSc CMLI PgCert |
| Construction Impacts | AONA Environmental Consulting Ltd | Mervyn Keegan BSc Dip Env Sc MSc Env Sc Pg Dip Olivia Maguire BSc MSc Env Sc BSc |
| Population and Human Health | JBA Consulting | Justin Nangle BSc Hons Env Sc Conor O’Neill BA (Mod) MSc Adv Dip |
| Biodiversity | JBA Consulting | Hannah Mulcahy BSc MSc Anne Mullen BSc Env (Hons), MSc Ecological Assessment Ecology MICIEEM |
| Land and Soil | JBA Consulting | Jemima Kivikoski BSc Hons PgDip |

| Chapter | Consultant | Author |
|---------------------------------|----------------|--|
| Water – Surface and Groundwater | JBA Consulting | David Casey BSc MSc MCIWEM |
| | | Luigi Arbore BSc MSc MEngSc |
| | | Ana Tomori BSc MSc MSc CIWEM |
| | | David Casey BSc MSc MCIWEM |
| Material Assets | JBA Consulting | Justin Nangle BSc Hons Env Sc |
| Cultural Heritage | Courtney Deery | Conor O'Neill BA (Mod) MSc Adv Dip |
| | | Yolande O'Brien BA (Hons) PhD MIAI |
| | | Siobhan Deery BA MA, Dip Planning & Env. Law, Licence Eligible Archaeologist MIAI, MICOMOS |
| Landscape and Visual Impact | JBA Consulting | Conor O'Neill BA (Mod) MSc Adv Dip |
| | | Christos Papachristou MSc MA CMLI |
| Interactions | JBA Consulting | All of the above |
| Cumulative Impacts | JBA Consulting | All of the above |

8 Consultation

8.1 Background

A comprehensive engagement and communications plan was developed by the design team and implemented for the Castleconnell Flood Relief Scheme. This chapter provides details of the communication with both statutory and non-statutory stakeholders.

In accordance with the EIA Directive (85/337/EEC) as amended in 2011, Directive (2011/92/EU) and 2014 Directive (2014/52/EU) under Article 6 and the Aarhus Convention, statutory and non-statutory bodies, local authorities, and relevant stakeholders must be consulted on the specific characteristics of the project and its likely impacts on the environment.

8.2 Communications with Non-Statutory Stakeholders

Some of the key elements of the Castleconnell Flood Relief Scheme communication plan comprised public information events and the establishment of a project website, together with Facebook and X feeds.

Three Public communication events have taken place since the project commenced as follows:

- Public Participation Day No.1
- Public Participation Day No.2 Emerging Options – held on 21st September 2022
- Public Participation Day No.3 Preferred Option – held on 6th September 2023

8.2.1 First Public Participation Day

Given the COVID-19 pandemic during Stage 1 of the commission, it was not possible to have a formal Public Participation Day (PPD) within the village in June/July 2020 as previously planned. Instead, the methods of consultation included:

- A newsletter Brochure and questionnaire drop to 110 no. properties and businesses within the study area that were at risk of flooding or impacted by envisaged construction works;
- Information flyers within various local businesses directing the public to the questionnaire on the LCCC website;
- Digital issue of the questionnaire to various action groups;
- Emails.

The purpose of the PPD was to seek initial views from the public and other interested parties in relation to the key issues that the study should address, the options to manage the flood risk in Castleconnell, to highlight points of local importance that might influence or constrain the design and to collate information on any past flood events in the scheme area. Members of the public were asked to identify the area of particular interest to them. The Mall scored highest, with the whole river and the whole village following in joint second place. This strongly influenced the development of measures and options to include an option that provides protection to the Mall Road. Many respondents also highlighted the importance of both heritage and protection of wildlife habitats.

8.2.2 2nd Public Participation Day Emerging Options – held on 21st September 2022

A second Public Participation Day was held on the 21st of September 2022 at the Castle Oaks House Hotel to present the emerging technically viable measures and options to the public and other interested parties and to give them the opportunity to share their views and opinions on them. Posters displayed in the room showed the key constraints and the three

emerging options from these, presentations on the night explained the progress to date and the detail of the options with a Q&A session after each presentation.

The feedback from the event and associated questionnaires was positive with most responders indicating that they were generally supportive of the proposals and highlighting their preferred option with the eventual preferred option, option 2, scoring 73% of the vote. There was once again a strong preference for protecting local roads and a strong desire to retain the cultural heritage and landscape characteristic of the existing stone walls in any new flood walls.

8.2.3 3rd Public Participation Day Preferred Option – held on 6th September 2023

The third Public Participation Day took place on the 6th of September 2023 again at the Castle Oaks House Hotel. A recorded video presentation was displayed four times throughout the day, which gave an overview of the project, an insight into the development and identification of the preferred option and a detailed description of each of the proposed measures. The project team were also in attendance, with key members of each discipline, so as to be available to answer any queries that interested parties may have had. All materials presented at the event were subsequently uploaded to the project website, www.castleconnellfrs.ie. The feedback from the event was positive with most responders indicating that they were generally supportive of the proposals and keen for construction to begin as soon as possible. Similarly to the previous PPDs some residents reiterated the importance of maintaining the heritage of the village, particularly in relation to the stone walls.

8.3 Landowner Liaison

There has been extensive landowner liaison between the landowners directly impacted by the scheme (both in a temporary and permanent capacity) and the Design Team throughout Stages 1 and 2.

Initial site visits were carried out at the outset of the project where available landowners were consulted on the flood history in the area and how this impacted their property. Landowners were contacted ahead of each site visit, which many residents attended. As the proposed options developed, meetings were set up with each of the affected residents to gain feedback on the proposals, any alternatives or alterations that they may request and to gain an insight into the main issues of importance to them. Each time a feature in the proposed options changed, the affected landowners were notified and consulted, which often resulted in further changes to the design.

Contact details for the Design Team were circulated regularly, which many residents and locals used to raise concerns and query items relating to the proposals. In many cases this resulted in further site meetings and liaison, and occasionally additional surveys or investigation into the impacts of potential issues raised.

The overall response to the proposed scheme has been positive, with most landowners in favour of the proposals. The Design Team has incorporated the feedback received as far as reasonably practicable, even where this has resulted in significant additional cost to the scheme.

8.4 Summary

A comprehensive communications plan has been implemented for the Castleconnell Flood Relief Scheme since the commencement of the project.

Communications with non-statutory stakeholders has comprised of three public participation days and the establishment of a project website. The last public information event was held on 6th of September 2023, when the preferred option drawings were put on display in Castle Oaks House Hotel and discussed with attendees by the project team.

The relevant statutory consultees were all contacted at the beginning of the EIA process and responses to each of the statutory consultees are addressed in full in the EIA for the project.

9 Planning Policy Context

9.1 Introduction

This chapter represents an overview of planning policy context for the application for Castleconnell Flood Relief Scheme, in the context of national, regional and local planning policy and the legislation governing the proposed works.

9.2 European Union (EU) Law and Policy

The EU Directive on the assessment and management of flood risk, often referred to as the “Floods Directive”, came into force in 2007 and works in tandem with the Water Framework Directive for the protection of water quality.

The requirements of the EU “Floods Directive” have been implemented in Ireland as the assessment and management of floods through the Catchment Flood Risk Assessment and Management (CFRAM) Programme. Under CFRAM the Office of Public Works has published a series of documents, policies and plans that set out measures to deal with flood risk and the most at risk communities. CFRAM recommends a proactive approach to flood risk and protection.

In terms of major Flood Relief Schemes, the current design standard of protection is to protect against the 1 in 100 year flood event, and for coastal areas the 1 in 200 year flood event. As Castleconnell is not highly susceptible to tidal flooding, the 1 in 100 year standard is considered appropriate for these works, therefore the proposed development is designed to provide protection to properties in the study area from the 1 in 100 year flood event.

9.3 Planning Legislation and Policy Provisions

This section sets out the relevant guidance and policy objectives that have been considered in relation to the proposed flood defence works at Castleconnell. Firstly, it considers the legislation governing the Irish planning system, specifically as it relates to flood management works. Then it moves on to discuss the broader level national strategic objectives, guidelines and policies adopted by the Irish Government in relation to spatial development, physical infrastructure and climate change agreements. This section also provides an overview of the regional context of the proposed works and considers local objectives and development standards as indicated within the County Development Plan

9.3.1 The Planning and Development Act 2000 (as amended), and the Planning and Development Regulations 2001, (as amended)

The Planning and Development Act 2000 (as amended) forms the basis of the Irish planning system, setting out the detail of planning guidelines, obtaining planning permission and the process for Environmental Impact Assessment.

Limerick City and County Council wishes to submit an Application to An Bord Pleanála, under Section 175 and Section 177(AE), of the Planning and Development Act, 2000 (as amended), for the construction of a Flood Relief Scheme for Castleconnell Co. Limerick.

The prescribed classes of development and thresholds that trigger a mandatory Environmental Impact Assessment (EIA) are set out in Schedule 5 of the Planning and Development Regulations 2001, (as amended).

9.3.2 National Policy

The National Planning Framework (NPF) is the successor document to the National Spatial Strategy (NSS) and sets out a framework of policy objectives to help Ireland achieve its long term sustainable goals. The strategic plan focuses on integrating Ireland’s economic development, spatial planning, infrastructure planning and social considerations. It promotes environmentally focused planning at local level to tackle climate change and the implementation of appropriate measures to mitigate existing issues.

The plan aims to align itself with the UN Sustainable Development Goals, by ensuring that the decision process will safeguard the needs of future generations. These objectives are integrated as part of the National Strategic Outcomes (NSOs) in areas such as climate action, sustainable cities and innovation and infrastructure.

9.3.2.1 National Strategic Outcome 9

National Strategic Outcome 9 outlines the urgency of upgrading and investing in water management and environmental resources and it states:

“Coordinate EU Flood Directive and Water Framework Directive implementation and statutory plans across the planning hierarchy, including national guidance on the relationship between the planning system and river basin management. Local authorities, DHPLG, OPW and other relevant Departments and agencies working together to implement the recommendations of the CFRAM programme will ensure that flood risk management policies and infrastructure are progressively implemented.”

Flood relief measures are further highlighted under Section 9 of the NPF, titled Protecting Conserving and Enhancing our Natural Capital.

It is envisioned that planning will play a vital role in mitigating development in inappropriate or vulnerable areas and will aid the delivery and design of necessary infrastructure in our towns and cities.

9.3.2.2 National Policy Objective (NPO) 41b

National Policy Objective 41b emphasises the importance of flood relief works as part of the national agenda for climate adaptation.

The NPO 41 b states that

“In line with the collective aims of national policy regarding climate adaptation, to address the effects of sea level changes and coastal flooding and erosion and to support the implementation of adaptation response in vulnerable areas.”

The proposed development works will deliver flood relief works adaptable for sea level rise to protect the county from the current effects of fluvial flood events as highlighted by NPO 41b.

9.3.2.3 The Planning System and Flood Risk Management 2009

The Office of Public Works (OPW) in conjunction with the Department of Environment, Heritage and Local Government (DEHLG) published a set of guidelines in relation to flood risk management. The plan advocates a proactive approach to prevent flooding from occurring. This includes, for example, adopting general policies for protection, improve or restore floodplains and the upgrading of flood barriers. Under these guidelines Planning Authorities have a key role in the delivery of effective measures, policies and infrastructure to minimise the risk of flooding.

In this regard, the proposed development by Limerick City and County Council acknowledges the key role of the council in minimising flood risk.

9.3.2.4 Climate Change Sectoral Adaptation Plan for Flood Risk Management, 2015

The Climate Change Sectoral Adaptation Plan for Flood Risk Management sets out the policy on climate change adaptation of the OPW. The OPW is the lead agency for flood risk management in Ireland, based on a current understanding of the potential consequences of climate change for flooding and flood risk in Ireland.

Under the National Policy on Climate Action and Low Carbon Development (2014) each local Authority is required to develop a Climate Adaptation Strategy for the period 2019-2024. Limerick City and County Council have developed a Climate Change Adaptation Strategy 2019-2024. The strategy deals with the effects of climate change such as Flooding, storms or increased temperatures.

9.3.2.5 Our Sustainable Future: Framework for Sustainable Development

The paper sets out the national vision to enhance Ireland's sustainable future and sets out the challenges and targets to be adhered to. In terms of flood management and flood risk assessment, the framework acknowledges the risk of flooding as one of the largest challenges to be addressed in the coming years. As most cities and towns on the island have developed along rivers and coastal areas, the majority of urban centres are exposed to flood risk.

As national economic prosperity is heavily reliant on the success of cities, the adoption of flood relief and protection is vital for future growth and will require the integration of comprehensive infrastructure as part of the built environment.

The proposed development for Castleconnell, Co. Limerick is aligned with this policy.

9.3.2.6 Climate Action Plan 2023

Annually, the Climate action Plan is published by the Government of Ireland which sets out carbon budgets and sectoral emissions ceilings and sets a roadmap for taking decisive action to halve our emissions by 2030.

The Climate Action plan 2023 identifies the role flood risk mitigation can play in how Ireland adapts as a result of climate change and in mitigating the implications of such. The Plan sets out how the office of Public Works will seek to support the development of appropriate flood mitigation and adaption schemes.

9.3.3 Regional Policy

9.3.3.1 Mid-West Area Strategic Plan (MWASP) 2012-2030

The aim of the strategic plan is to facilitate and inform the implementation of the statutory processes. The constituent Planning Authorities of the Mid-West Region (Clare County Council, Limerick City and County Council and Tipperary North County Council) and the Mid-West Regional Authority have developed a non-statutory, 20-year, integrated land-use and transport strategy for the region. This will provide an evidence base which can inform transport and planning policy and infrastructure investment decisions in the Region to 2030. The MWASP was prepared to secure the following overall objectives:

- Prioritisation of investment in the region ;
- Strengthening the Limerick/Shannon Gateway;
- Creation and support a well-defined hierarchy of settlement;
- Delivering the required transport infrastructure to meet the Plan objective;
- Providing economic review and direction of the region.

The plan recognises the corridor of the River Shannon as the most important emerging tourism asset in the region, with its three main areas: the Shannon estuary, Lough Derg, and lower/mid River Shannon. The plan highlights the potential in the corridor from boating, angling, wildlife, watching and walking, all supported activity-based tourism, including by a network of small attractive villages with good local roads and access.

In terms of delivering and implementation, the plan acknowledges that appropriate flood risk and mitigation measures must be delivered. In this respect the works proposed at Castleconnell are consistent with the objectives of the plan.

9.3.3.2 Regional Spatial and Economic Strategy, Southern Region

The Regional Spatial and Economic strategy (RSES) for the Southern Region was adopted in January 2020. The Plan provides a long-term regional level strategic plan for physical growth, economic investment and social development for the Southern Region and seeks to

align national goals set out in the NPF with local considerations, subject to which flooding is identified as key challenge facing cities and towns in the region.

The RSES supports measures that address climate action as outlined in the NPF. These include Renewable Energy, Sustainable Transport and Climate Resilience through Flood Defence. The latter will also provide for Flood Risk Management and will help reduce vulnerability in known flood zones.

The plan will also ensure the delivery and implementation of the Shannon Upper and Lower River Basin Management Plan.

9.3.3.3 RPO 5 - Population Growth and Environmental Criteria

Increased population growth should be planned with regard to environmental criteria, including:

- Assimilative capacity of the receiving environment;
- Proximity of Natura 2000 sites and potential for adverse effects on these sites, and their conservation objectives;
- Areas with flood potential.

9.3.3.4 RPO 9 - Holistic Approach to Delivering Infrastructure

It is an objective to ensure investment and delivery of comprehensive infrastructure packages to meet growth targets that prioritise the delivery of compact growth and sustainable mobility as per the NPF objectives including: Water services, digital, green infrastructure, transport and sustainable travel, community and social, renewable energy, recreation, open space amenity, climate change adaptation and future proofing infrastructure including flood risk management measures, environmental improvement, arts, culture and public realm.

9.3.3.5 RPO 54 - Tourism and the Environment

Development of new or enhanced tourism infrastructure and facilities should include an assessment of the environmental sensitivities of the area including an Environmental Impact Assessment (EIA); Appropriate Assessment (AA) and Strategic Flood Risk Assessment (SFRA) if required in order to avoid adverse impacts on the receiving environment. Where such tourism infrastructure or facilities are developed, the managing authority/agency should ensure that effective monitoring protocols are put in place to monitor and assess the ongoing effect of tourism on sensitive features with particular focus on natural, archaeological and built heritage assets.

9.3.3.6 RPO 113 - Floods Directive

It is an objective to support, at a regional level, the implementation of the Floods Directive to manage flood risks. It is an objective to encourage collaboration between local authorities, the OPW and other relevant Departments and agencies to implement the recommendations of the Catchment Flood Risk Assessment and Management (CFRAM) programme to ensure that flood risk management policies and infrastructure are progressively implemented.

9.3.3.7 RPO 114 - Flood Risk Management Objectives

It is an objective to:

- Ensure that the flood risk management objectives of the Flood Risk Management Plans are fully considered in the development of planning policy and decision-making by local authorities so that flood risk is a key driver in the identification of suitable locations for new development, considering the CFRAM flood maps and other flood maps as available.

- Ensure that developments in upland areas, such as wind farm developments, roadway construction, peatland drainage and forestry proposals, provide sufficient storm water attenuation to avoid the occurrence of river erosion or flooding downstream subject to hydrological and ground/peat stability assessments.

9.3.3.8 RPO 115 - Flood Risk Management Plans

Development and Local Area Plans in the Region should take account of and incorporate the recommendations of the Flood Risk Management Plans, including planned investment measures for managing and reducing flood risk. Natural Water Retention Measures should be incorporated where appropriate in consultation with the OPW and other relevant stakeholders.

9.3.3.9 RPO 116 - Planning System and Flood Risk Management

Consideration must be given to future appropriate land-use policies in accordance with the requirements of the Guidelines, "The Planning System and Flood Risk Management 2009". Strategic and local flood risk assessments and plans should be prepared where appropriate, which should include consideration of potential impacts of flood risk arising from climate change. It is an objective to avoid inappropriate development in areas at risk of flooding and integrate sustainable water management solutions (such as SUDS, non-porous surfacing and green roofs) to create safe places in accordance with the Guidelines.

9.3.3.10 RPO 117 - Flood Risk Management and Biodiversity

It is an objective to avail of opportunities to enhance biodiversity and amenity and to ensure the protection of environmentally sensitive sites and habitats, including where flood risk management measures are planned. Plans and projects that have the potential to negatively impact on Natura 2000 sites are subject to the requirements of the Habitats Directive.

9.3.3.11 RPO 118 - Flood Risk Management and Capital Works

It is an objective to support investment in the sustainable development of capital works under the flood capital investment programme and Flood Risk Management Plans developed under the CFRAM process.

9.3.3.12 RPO 119 - Flood Relief Schemes

It is an objective to:

- Support investment in the sustainable development of Strategic Investment Priorities under the National Development Plan 2018-27 and to ensure that flood risk assessment for all strategic infrastructure developments is future-proofed to consider potential impacts of climate change;
- Support investment in subsequent projects by capital spending agencies to deliver flood relief schemes under the National Strategic Outcome, Transition to a Low Carbon and Climate Resilient Society. Such projects should be future proofed for adaptation to consider potential impacts of climate change.
- Ensure that all infrastructure and energy providers/operators provide for adaptation measures to protect strategic infrastructure (including roads, railways, ports and energy infrastructure) from increased flood risk associated with climate change.

9.3.3.13 RPO 122 - Sustainable Drainage Systems (SuDS)

It is an objective to:

- Promote the integration of sustainable water management solutions such as the use of SuDs. Future development and Local Area Plans in the Region should

include objectives and actions to encourage the integration of sustainable water management solutions such as the use of SuDS;

- Promote the diversion of surface water from combined sewers where possible.

9.3.3.14 RPO 123 - River Basin Management Plan and Spatial Planning

- The RSES recognises that planning is critically important to the management of water resources. It is an objective to encourage the better integration of water issues into planning authority land-use plans and strategies;
- It is an objective to encourage the integration of river corridors with blue green infrastructure in settlements. The guidance document "Planning for Watercourses in the Urban Environment" published by Inland Fisheries Ireland provides an integrated watercourse protection strategy.

9.3.3.15 Shannon Catchment Flood Risk Assessment and Management Study (CFRAM)

The Office of Public Works is working in partnership with their consultants, Local Authorities and other stakeholders to deliver the CFRAM Study for the Shannon River Basin District (RBD).

Work on the study started in January 2011. The Shannon RBD includes the entire catchment of the River Shannon and its estuary, covering some 17,800km² and approximately 20% of the Island of Ireland. The RBD covers parts of 17 counties: Limerick, Clare, Tipperary, Offaly, Westmeath, Longford, Roscommon, Kerry, Galway, Leitrim, Cavan, Sligo, Mayo, Cork, Laois, Meath, and Fermanagh.

The study focuses on areas known to have experienced flooding in the past and areas that may be subject to flooding in the future either due to development pressures or climate change. The final output from the study will be Catchment Flood Risk Management Plans, which will define the current and future flood risk in the Shannon RBD and set out how this risk can be managed.

In this respect, the proposed development is consistent with the findings of the study, to provide flood relief measures at critical locations.

9.3.4 Limerick Development Plan 2022-2028

The works proposed at Castleconnell and the subject of this planning application are within the development boundary of County Limerick and as such are under the jurisdiction of Limerick City and County Council. Therefore, it is subject to the Limerick Development Plan 2022-2028 which was adopted in July 2022, with a variation in May 2023. The Limerick Development Plan sets out the policies and objectives with regard to both National and Regional planning policies, which will guide the development of the Limerick City and County environs to 2028.

The Limerick Development Plan identifies that the role climate change plays in the day to day lives of the citizens of Limerick is becoming more and more evident noting that there has been increased flood events in some areas. Regarding this, the Limerick Development Plan identifies flooding as one of three key areas linked to the plans and objectives of the plan in adapting to the future needs of the environs.

9.3.4.1 Policy CAF P5 Managing Flood Risk

It is a policy of the Council to protect Flood Zone A and Flood Zone B from inappropriate development and direct developments/land uses into the appropriate lands, in accordance with The Planning System and Flood Risk Management Guidelines for Planning Authorities

2009 (or any subsequent document) and the guidance contained in Development Management Standards and the Strategic Flood Risk Assessment (SFRA). Where a development/land use is proposed that is inappropriate within the Flood Zone, but that has passed the Plan Making Justification Test, then the development proposal will need to be accompanied by a Development Management Justification Test and Site-Specific Flood Risk Assessment in accordance with the criteria set out under The Planning System and Flood Risk Management Guidelines for Planning Authorities 2009 and Circular PL2/2014 (and any subsequent updates). This will need to demonstrate inclusion of measures to mitigate flood and climate change risk, including those recommended under Part 3 (Specific Flood Risk Assessment) of the Site Specific Plan Making Justification Tests detailed in the SFRA. In Flood Zone C, the developer should satisfy themselves that the probability of flooding is appropriate to the development being proposed and should consider other sources of flooding, residual risks and the implications of climate change.

9.3.4.2 Objective CAF 020 Flood Risk Assessments

It is an objective of the Council to require a Site-Specific Flood Risk Assessment (FRA) for all planning applications in Flood Zones A and B and consider all sources of flooding (for example coastal/tidal, fluvial, pluvial or groundwater), where deemed necessary. The detail of these Site-Specific FRAs (or commensurate assessments of flood risk for minor developments) will depend on the level of risk and scale of development. The FRA will be prepared taking into account the requirements laid out in the SFRA, and in particular in the Plan Making Justification Tests as appropriate to the particular development site. A detailed Site-Specific FRA should quantify the risks, the effects of selected mitigation and the management of any residual risks. The assessments shall consider and provide information on the implications of climate change with regard to flood risk in relevant locations.

9.3.4.3 Objective CAF 023 Flood Relief Schemes:

It is an objective of the Council to support and facilitate the development of Flood Relief Schemes as identified in the CFRAM 10 Year Investment Programme and ensure development proposals do not impede or prevent the progression of these measures.

9.3.4.4 Objective CAF 025 Strategic Flood Risk Assessment

It is an objective of the Council to have regard to the recommendations set out in the Strategic Flood Risk Assessment prepared to support the Plan.

9.3.5 Castleconnell Local Area Plan 2023-2029

The Castleconnell Local Area Plan (LAP) was adopted by Limerick City and County Council in April of 2023. The Local Area Plan (LAP) sets out the plans and policies which will inform the development of Castleconnell to 2029.

Section 9.3 of the LAP sets out the policies in relation to Flood Risk Management in Castleconnell. The LAP acknowledges the need for a flood relief scheme in the town. With regard to this, the LAP sets out the following objectives.

9.3.5.1 Objective IU 05: Flood Risk Management

- a. Manage flood risk in accordance with the requirements of "The Planning System and Flood Risk Management Guidelines for Planning Authorities", DECLG and OPW (2009) and any revisions thereof and consider the potential impacts of climate change in the application of these guidelines.
- b. Ensure development proposals within the areas outlined as being at risk of flooding are subject to Site Specific Flood Risk Assessment as outlined in "The Planning System and Flood Risk Management Guidelines", DECLG and OPW (2009). These Flood Risk Assessments shall consider climate change impacts and adaptation measures, including details of structural and non-structural flood risk management measures,

such as those relating to floor levels, internal layout, flood-resistant construction, flood-resilient construction, emergency response planning and access and egress during flood events. Reference shall be made to Section 5.8 requirements of the Flood Risk Assessment in the SFRA of the Limerick Development Plan 2022-2028

- c. Support and co-operate with the OPW in delivering the Castleconnell Flood Relief Scheme.
- d. Ensure that future developments in flood prone areas is generally limited to minor developments in line with the Circular PL 2/2014 and the Flood Risk Management Guidelines for Planning Authorities
- e. Developments on lands benefitting from Arterial Drainage Schemes shall preserve the maintenance and access to these drainage channels. Land identified as benefitting from these systems may be prone to flooding, as such site specific flood risk assessments will be required as appropriate, at planning application stage. Ensure future development of lands within Flood Risk Zone A/B, is in accordance with the plan-making Justification Tests in the SFRA.

9.4 Summary

Having regard to the provisions of the documents listed below, it is concluded that the proposed development is in compliance with national, regional and local planning policy provisions and would not seriously injure the amenities of the area or significantly impact the current land use objectives in Castleconnell and would therefore be in accordance with the proper planning and sustainable development of the area.

EU "Floods" Directive 2007;

The National Planning Framework;

The Regional Spatial and Economic Strategy for the Southern Region;

The Planning System and Flood Risk Management 2009;

Climate Change Sectoral Adaptation Plan for Flood Risk Management 2015;

Our Sustainable Future: Framework for Sustainable Development;

Mid-West Area Strategic Plan (MWASP) 2012-2030;

Climate Change Action Plan 2023;

Shannon Catchment Flood Risk Assessment and Management Study (CFRAM);

Limerick City and Council Development Plan 2022-2028;

Castleconnell Local Area Development Plan 2023-2029.

10 Conclusion

This application seeks approval from An Bord Pleanála for the proposed Castleconnell Flood Relief Scheme.

Castleconnell has a long history of flooding which needs to be urgently addressed.

If approved, the scheme will provide flood defence measures to protect Castleconnell from 1 in 100 year (1% AEP) flood events. This will be vital in supporting the environmental, social and economic development of Limerick and the village of Castleconnell in particular. The scheme will provide flood protection for 35 no. residential properties, and 15 no. commercial properties.

The estimated whole life project cost of the preferred scheme for the current scenario is €10,671,846 with a benefit cost ratio of 0.68.

Climate change adaptability was also considered when developing the final option in the form of decision tree analysis and the incorporation of climate change adaptability features into the present-day scheme. The estimated whole life project cost of the preferred scheme for the Mid-Range Future Scenario is €13,917,784 with a benefit cost ratio of 0.75. The estimated cost of the adaptations alone is €3,245,938 with a benefit cost ratio of 0.96.

The proposed scheme has been assessed in detail and is considered to be appropriate for its location, having regard to National, Regional and local planning policy and Land Use Zoning Objectives.

In addition, the nature, form and extent of the proposed development has been informed and guided by detailed pre-application consultation with members of the public, council members, local businesses, representative individuals and organisations and statutory bodies. The scheme option was also assessed from an environmental, cost and buildability perspective. Environmental considerations influenced the alignment and construction methodology for some defences.

The project steering group consisting of Limerick City and County Council, the Office of Public Works and the various design consultants are satisfied that the Scheme now being brought forward has been the subject of rigorous assessment and consideration of all of the necessary requirements, constraints, objectives and opportunities and represents a high quality design which is the optimum solution in terms of integrated and holistic flood protection. The Office of Public Works has confirmed funding for the project is approved in principle and set out in the spending estimates for the coming years.

For the reasons highlighted above, and as further evidenced in the EIAR, NIS and design drawings, along with other supporting plans and particulars forming part of this application, approval is now sought from An Bord Pleanála to grant permission for this urgently needed transformational Scheme.

Appendix A – Applicant Fee Receipt



Comhairle Cathrach
& Contae **Luimnigh**

Limerick City
& County Council

BORD@PLEANALA.IE
FINANCE@PLEANALA.IE

AN BORD PLEANALA
64 Marlborough Street Dublin 1
Ireland

Supp ID / Uimh. Áitheantais Soláthraí 34113
Pay Date / Dáta Íocaíochta 20/09/2024
Page / Leathanach 1 of 1

REMITTANCE ADVICE OF PAYMENT BY EFT / DUILLÍN ÍOCAÍOCHTA FAOI ÍOCAÍOCHT EFT

| Your Ref/ Bhur dTagairt | Inv Date/ Dáta Sonraisc | Our Ref/ Ár dTagairt | AMOUNT/ SUIM EUR | Payable/ Iníochta EUR |
|------------------------------------|-------------------------------|-------------------------|------------------------|-----------------------------|
| CASTLECONNELL FRS | 09/09/2024 | 35990154 | 30,000.00 | 30,000.00 |
| PAGE TOTAL / IOMLÁN AN LEATHANAIGH | | | EUR 30,000.00 | 30,000.00 |
| GRAND TOTAL / MÓRIOMLÁN | | | EUR 30,000.00 | 30,000.00 |

WH = Withholding Tax CT = Subcontractors Tax RA = Non Resident Landlord
INT = Late Payment Interest, Rate = 8.25% CMP = Late Payment Compensation

PAYMENT ACCOUNT DETAILS / SONRAÍ CUNTAIS ÍOCAÍOCHTA

BIC AIBKIE2DXXX
IBAN IE70AIBK931055XXXX6067
ACCOUNT NAME / AINM CUNTAIS AN BORD PLEANALA

Appendix B – Copy of Newspaper Notices and Copy of Site Notice

LIMERICK CITY AND COUNTY COUNCIL

SITE NOTICE

PLANNING AND DEVELOPMENT ACT 2000 as amended
PLANNING AND DEVELOPMENT REGULATIONS 2001 as amended

NOTICE PURSUANT TO:

Section 175 and Section 177AE of the Planning and Development Act 2000, as amended and the Planning and Development Regulations 2001, as amended

Limerick City and County Council proposes to seek approval from An Bord Pleanála for the following proposed development:

Castleconnell Flood Relief Scheme

The Flood Relief Scheme will comprise a series of walls and embankments along the banks of the River Shannon in Castleconnell, along with demountable flood barriers, road raising works, and removal of vegetation and alterations of a culvert on the Cedarwood Stream, a tributary of the River Shannon in the northern part of Castleconnell. The proposed works are as follows:

New flood walls at northern end of the scheme, along the boundary of two houses (Rivergrove B&B and Grange House), with minor changes to the layout of the garden and entrance Rivergrove B&B, and minor changes to drainage infrastructure. A new flood wall around Mall House, and along the length of the Mall Road, to the entrance of Island House. Alterations in the form of road raising and a demountable flood barrier, to the entrance and the vicinity of Island House. The new flood wall, at the south of the entrance on Mall Road to continue, with a realigned footpath inside it. The flood wall at Maher's Pub, to continue, before transitioning into an earth embankment to the west of Meadowbrook and then transitions into road raising. A low-level flood wall, and road raising along Stormont House driveway. Road raising at the entrance to Coolbane Woods. A demountable flood barrier at the Coolbane Woods junction. An earth embankment to be constructed along the back of the houses, Coolbane Woods. The installing of fluvial defences will result in a change in how the existing pluvial (stormwater drainage) system operates. As such, a suite of upgrades and amendments to the network is proposed. This includes the introduction of both permanent and temporary pumping station installations, that would only operate during flood events. The proposed development includes removal of overgrown vegetation along the Cedarwood Stream from the railway line to approximately 300m downstream. Replacement of two private culverts along the Cedarwood Stream, at the northern end of Castleconnell. This will include channel alterations upstream of each culvert. Provision of temporary construction compounds, fencing, site development, accommodation works and provision of landscaping works as required throughout the scheme.

An **Environmental Impact Assessment Report (EIAR)** and a **Natura Impact Statement (NIS)** have been prepared as part of the application in respect of the proposed development.

The application for permission, including plans and particulars, EIAR and NIS, will be available for inspection free of charge, or may be purchased on payment of a specified fee (which shall not exceed the reasonable cost of making such a copy) during public opening hours (excluding Public Holidays) from 29th November 2024 to 31st January 2025 (inclusive of both dates), at the following locations:

- The offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1, D01 V902
- Limerick City and County Council, Merchant's Quay Limerick V94 EH90
- Limerick City and County Council, Dooradoyle Road, Dooradoyle, Limerick, V94 WV78

The application plans and particulars, the EIAR and NIS may also be viewed at or downloaded from the following website: www.pleanala.ie, <https://www.castleconnellfrs.ie/>

Submissions or observations may be made in writing only to An Board Pleanála ('the Board'), 64 Marlborough Street, Dublin 1, D01 V902 in respect of:

- I. The implications of the proposed development for proper planning and sustainable development in the area concerned, and
- II. The likely effects on the environment of the proposed development, if carried out, and
- III. The likely significant effects of the proposed development on a European site, if carried out.

Any submissions / observations must be accompanied by a fee of **€50** (except for certain prescribed bodies) and must be received by the Board not later than 5.00 p.m. on 31st January 2025. Such submissions or observations must include the following information:

1. The name of the person, authority or body making the submission or observation, the name of the person, if any, acting on behalf of that person, authority or body, and the address to which any correspondence relating to the application should be sent,
2. The subject matter of the submission or observation, and
3. The reasons, considerations and arguments on which the submission or observation is based in full.

An Bord Pleanála may give approval to the application for development with or without conditions or may refuse the application for development. Any person may question the validity of any such decision of the Board made in respect of the application for permission by way of an application for judicial review, under Order 84 of the Rule of the Superior Courts (S.I. No. 15 of 1986, as amended by S.I. No. 691 of 2011), in accordance with Section 50 of the Planning and Development Act, 2000 as amended. Practical information on the review mechanism can be accessed under the heading Publications – Judicial Review Notice on the Board's website www.pleanala.ie or on the Citizens Information Service website www.citizensinformation.ie. Any enquiries relating to the application process should be directed to An Bord Pleanála (Telephone: 01 8588100).

Signed for Limerick City and County Council



Vincent Murray
Director of Services, Planning and Place-making



Date of erection of notice

21/11/2024



Comhairle Cathrach
& Contae Luimnigh
Limerick City
& County Council

PUBLIC NOTICE

NOTICE PURSUANT TO SECTION 175 AND SECTION 177AE OF THE PLANNING AND DEVELOPMENT ACT 2000, AS AMENDED AND THE PLANNING AND DEVELOPMENT REGULATIONS 2001, AS AMENDED CASTLECONNELL FLOOD RELIEF SCHEME CASTLECONNELL, CO. LIMERICK

NOTICE OF PLANNING APPLICATION TO AN BORD PLEANÁLA FOR APPROVAL

Notice is hereby given that Limerick City and County Council intends to seek approval from An Bord Pleanála under Section 175 and Section 177AE of the Planning and Development Act 2000, As Amended to carry out proposed works in Castleconnell, Co. Limerick.

The Flood Relief Scheme will comprise a series of walls and embankments along the banks of the River Shannon in Castleconnell, along with demountable flood barriers, road raising works, and removal of vegetation and alterations of a culvert on the Cedarwood Stream, a tributary of the River Shannon in the northern part of Castleconnell.

The proposed works are as follows:

- New flood walls at northern end of the scheme, along the boundary of two houses (Rivergrove B&B and Grange House), with minor changes to the layout of the garden and entrance Rivergrove B&B, and minor changes to drainage infrastructure.
- A new flood wall around Mall House, and along the length of the Mall Road, to the entrance of Island House.
- Alterations in the form of road raising and a demountable flood barrier, to the entrance and the vicinity of Island House.
- The new flood wall, at the south of the entrance on Mall Road to continue, with a realigned footpath inside it.
- The flood wall at Maher's Pub, to continue, before transitioning into an earth embankment to the west of Meadowbrook and then transitions into road raising.
- A low-level flood wall, and road raising along Stormont House driveway.
- Road raising at the entrance to Coolbane Woods.
- A demountable flood barrier at the Coolbane Woods junction.
- An earth embankment to be constructed along the back of the houses, Coolbane Woods.
- The installing of fluvial defences will result in a change in how the existing pluvial (stormwater drainage) system operates. As such, a suite of upgrades and amendments to the network is proposed. This includes the introduction of both permanent and temporary pumping station installations, that would only operate during flood events.
- The proposed development includes removal of overgrown vegetation along the Cedarwood Stream from the railway line to approximately 300m downstream.
- Replacement of two private culverts along the Cedarwood Stream, at the northern end of Castleconnell. This will include channel alterations upstream of each culvert.
- Provision of temporary construction compounds, fencing, site development and accommodation works.
- Provision of landscaping works as required throughout the scheme.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared as part of the application in respect of the proposed development.

An Bord Pleanála may give approval to the application for development with or without conditions or may refuse the application for development.

A copy of the plans and particulars of the proposed development, the Environmental Impact Assessment (EIAR) and the Natura Impact Statement (NIS) will be available for inspection free of charge, (or may be purchased on payment of a specified fee which shall not exceed the reasonable cost of making such a copy) during public opening hours (excluding Public Holidays) from 29/11/2024 to 31/01/2025 (inclusive of both dates), at the following locations:

- The offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1, D01 V902
- Limerick City and County Council, Merchant's Quay Limerick V94 EH90
- Limerick City and County Council, Dooradoyle Road, Dooradoyle, Limerick, V94 WV78

The application plans and particulars, the EIAR and NIS may also be viewed at or downloaded from the following website:
www.pleanala.ie
<https://www.castleconnellfrs.ie/>

Submissions or observations on the proposed development in relation to:

- The implications of the proposed development for proper planning and sustainable development in the area concerned, and
- The likely effects on the environment of the proposed development, if carried out, and
- The likely significant effects of the proposed development on a European site, if carried out.

may be made in writing only to An Bord Pleanála (the Board), 64 Marlborough Street, Dublin 1 D01 V902.

Any submissions / observations must be accompanied by a fee of €50 (except for certain prescribed bodies) and must be received by An Bord Pleanála not later than 5.00 p.m. on 31/01/25. Such submissions or observations should be titled "Castleconnell Flood Relief Scheme" and must include the following information:

- The name of the person, authority or body making the submission or observation, the name of the person, if any, acting on behalf of that person, authority or body, and the address to which any correspondence relating to the application should be sent,
- The subject matter of the submission or observation, and
- The planning grounds of the observation (i.e. reasons and arguments), and any items you wish to support your grounds or observation.

Any person may question the validity of any such decision by An Bord Pleanála made in respect of the application for permission by way of an application for judicial review, under Order 84 of the Rule of the Superior Courts (S.I. No. 15 of 1986, as amended by S.I. No. 691 of 2011), in accordance with Section 50 of the Planning and Development Act, 2000 as amended.

Practical information on the review mechanism can be accessed under the heading Publications - Judicial Review Notice on the Board's website www.pleanala.ie or on the Citizens Information Service website www.citizensinformation.ie

Any enquiries relating to the application process should be directed to An Bord Pleanála (Telephone: 01 8568100).

Signed: Vincent Murray, Director of Service,
Limerick City and County Council

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www.carsireland.ie/3887393

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Tel: 087 1816905
www.carsireland.ie/3865835

MERCEDES



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Tel: 086 8464068
www.carsireland.ie/3893089

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Co. Mayo
Tel: 094 9630163
www.carsireland.ie/3583049

SEAT



2022 SEAT Arona 1.0L, Petrol, Manual, 55,000 km, NCT 01/26, Parking Sensors, Cruise Control, Android Auto, Apple Carplay, Rochford Motors.
Co. Mayo
Tel: 094 9630163
www.carsireland.ie/3742023

SEAT



2021 SEAT Arona 1.0L, Petrol, Manual, 62,000 km, NCT 01/25, Hatchback, Immaculate, 17" Alloys, Reversing Camera, Parking Sensors, Rochford Motors.
Co. Mayo
Tel: 094 9630163
www.carsireland.ie/3636887

SEAT



2023 SEAT Arona 1.0L, Petrol, Automatic, 28,000 km, NCT 02/27, Hatchback, Rear Parking Sensors, Digital Cockpit, Voice Control, Seat Full Link, Rochford Motors.
Co. Mayo
Tel: 094 9630163
www.carsireland.ie/3854637

SEAT



2021 SEAT Attea 2.0L, Diesel, Automatic, 65,000 km, NCT 02/25, Estate, Lovely 1 Owner, 18 Alloy Wheels, Sat Nav, Park Assist, Reverse Camera, Rochford Motors.
Co. Mayo
Tel: 094 9630163
www.carsireland.ie/3680090

SKODA



2019 Skoda Kodiaq 1.5L, TSI Petrol, Manual, 80,200 km, NCT 01/25, Tax 04/25, SUV, 7 SEATER, Reversing Camera, Parking Sensors, Apple Car Play, Full Service History.
Co. Dublin
Tel: 087 2364000
www.carsireland.ie/3894816

VOLKSWAGEN



2019 Volkswagen Polo 5DR, 1.6L, Diesel, Manual, 75,000 km, NCT 07/25, Tax 05/24, Hatchback, Air Conditioning, Apple Car Play, Rochford Motors.
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PUBLIC NOTICE

NOTICE OF 2025 LOCAL AUTHORITY BUDGET**(SECTION 102 – 103 LOCAL GOVERNMENT ACT 2001, AS AMENDED BY THE LOCAL GOVERNMENT REFORM ACT 2014)**

Notice is hereby given that the Draft Local Authority Budget for Limerick City and County Council for the financial year ending 31st December, 2025, will be considered by the Council at the Statutory Local Authority Budget Meeting which will be held on Friday, 29th November, 2024, at The Council Chamber, Dooradoyle, Limerick at 10.00am. A copy of the said Draft Local Authority Budget will be available in the Council Offices at Dooradoyle and Merchants Quay, Limerick from the 21st November 2024 and may be inspected there by any member of the public, free of charge, at any time that the offices are open for the transaction of official business (9.00am to 5.00pm Monday to Friday). A copy of the Draft Local Authority Budget may be purchased for a fee of €5.00.

Dated this 7th November, 2024.

John Moran
Mayor of Limerick

Limerick.ie

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LIMERICK LEADER



PUBLIC NOTICE

METROPOLITAN DISTRICT OF LIMERICK DRAFT LIMERICK CITY AND COUNTY COUNCIL CONTROL OF STATIONLESS ON-STREET SHARED E-SCOOTER HIRE SERVICES BYE-LAWS 2024

Notice is hereby given that Limerick City and County Council proposes to introduce Bye-Laws under Section 139 of the Local Government Act 2001 (as amended) to manage and control the operation of Stationless On-Street Shared E-Scooter Hire Services in respect of the administrative area of the Metropolitan District of Limerick.

The Council has now drawn up Draft Bye-Laws to regulate such operations in the Metropolitan District of Limerick. The Draft Bye-Laws cover the issuing of Operators' licences, and provide for a permit fee for each individual e-scooter, in addition to specifying certain minimum standards for operators and e-scooter users / customers, together with the ability for the Council to prescribe streets/areas where e-scooters should or should not be deployed.

A copy of the draft Bye-Laws will be available for inspection and/or purchase at a fee not exceeding the reasonable cost of making a copy, from Friday 15th November 2024 up to and including Friday 20th December 2024 during public opening hours (excluding bank holidays) at Limerick City & County Council Offices, Merchant's Quay, Limerick, V94 EH90 and at Limerick City & County Council Offices, Dooradoyle Road, Limerick, V94 WV78. The draft Bye-Laws will also be available for inspection online during the above timeframes at <https://mypoint.limerick.ie>.

Limerick City and County Council will consider all submissions made by any person in relation to the draft Bye-Laws. Submissions may be made:

- In writing to the Travel and Transport Strategy Section, Limerick City & County Council, Corporate Headquarters, Merchants Quay, Limerick V94 EH90
- By email to travelandtransportstrategy@limerick.ie
- Online at <https://mypoint.limerick.ie>

Submissions must be received on or before 4pm on Friday 17th January 2025.

Signed: Brian Kennedy, Director of Services
Transportation and Mobility Directorate
Limerick City & County Council, Merchant's Quay, Limerick

NOTICE OF PUBLIC CONSULTATION

In the matter of a proposed S.179A Development by Limerick City & County Council, on lands located at Carew Park, Southill, Limerick AND In the matter of a screening for an Environmental Impact Assessment AND In the matter of a screening for whether an Appropriate Assessment is required of the proposed development pursuant to Article 6(3) of Habitats Directive AND in the matter of Articles 81A (5) (a) and (6)(a) of the Planning and Development Regulations 2001, as amended.

The proposed development, on circa 0.066 ha of land, zoned for development purposes within the Limerick Development Plan 2022 – 2028, seeks the:

- Re-orientation of 2no. residential units previously granted permission;
- Construction of an additional 2no. residential units;
- Construction of all ancillary site development works.

The proposal is accompanied by an Appropriate Assessment Screening Report under the Habitats Directive (92/43/EEC) and an Environmental Impact Assessment (EIA) Screening Report under the EIA Directive 2014/52/EU. Once the process of public consultation has been completed, Limerick City & County Council will then proceed to complete the screening processes as mandated by Articles 81A (5)(a) and (6)(a) of the Planning & Development Regulations 2001.

Plans and particulars of the proposed development, to include copies of the EIA and AA Screening Reports, will be available for inspection and/or purchase at a fee not exceeding the reasonable cost of making a copy during office hours at the Customer Services Desk, Limerick City & County Council, Merchant's Quay, Limerick, V94 EH90 and County Hall, Dooradoyle, Limerick V94 WV78 on each day during which the said offices are open for the transaction of business (excluding Bank Holidays) for a period beginning on 16th November 2024 and ending on 16th December 2024 during office hours. Plans and particulars of the proposed development, to include copies of the EIA and AA Screening Reports are also available for inspection on the website of the local authority at <https://mypoint.limerick.ie>.

Submissions or observations with respect to the proposed development, the EIA and AA Screening Reports dealing with the proper planning and sustainable development of the area in which the development would be situated, may be made in writing addressed to Joe Delaney, Director of Service, Limerick City and County Council, Merchant's Quay, Limerick or online via <https://mypoint.limerick.ie> no later than 4.30pm on 16th December 2024.

Please note that the data collected from this consultation will be shared by Limerick City & County Council with their Consultants. Any information which you submit via Limerick City & County Council's information website will be treated with the highest standards of security and confidentiality, strictly in accordance with the General Data Protection Regulation (GDPR) and the Data Protection Act 2018. Please refer to the Privacy Statement included with the plans and particulars of the proposed development and to the Limerick City & County Council Consultation Portal Privacy Policy.

Dated the 4th day of November 2024

Joe Delaney - Director of Service
Regeneration Directorate, Limerick City & County Council, Merchants Quay, Limerick.

Limerick.ie



PUBLIC NOTICE

NOTICE PURSUANT TO SECTION 175 AND SECTION 177AE OF THE PLANNING AND DEVELOPMENT ACT 2000, AS AMENDED AND THE PLANNING AND DEVELOPMENT REGULATIONS 2001, AS AMENDED**CASTLECONNELL FLOOD RELIEF SCHEME CASTLECONNELL, CO. LIMERICK****NOTICE OF PLANNING APPLICATION TO AN BORD PLEANÁLA FOR APPROVAL**

Notice is hereby given that Limerick City and County Council intends to seek approval from An Bord Pleanála under Section 175 and Section 177AE of the Planning and Development Act 2000, As Amended to carry out proposed works in Castleconnell, Co. Limerick.

The Flood Relief Scheme will comprise a series of walls and embankments along the banks of the River Shannon in Castleconnell, along with demountable flood barriers, road raising works, and removal of vegetation and alterations of a culvert on the Cedarwood Stream, a tributary of the River Shannon in the northern part of Castleconnell.

The proposed works are as follows:

- New flood walls at northern end of the scheme, along the boundary of two houses (Rivergrove B5B and Grange House), with minor changes to the layout of the garden and entrance.
- Rivergrove B5B, and minor changes to drainage infrastructure.
- A new flood wall around Mail House, and along the length of the Mail Road, to the entrance of Island House.
- Alterations in the form of road raising and a demountable flood barrier, to the entrance and the vicinity of Island House.
- The new flood wall, at the south of the entrance on Mail Road to continue, with a realigned footpath inside it.
- The flood wall at Maher's Pub, to continue, before transitioning into an earth embankment to the west of Meadowbrook and then transitions into road raising.
- A low-level flood wall, and road raising along Stormont House driveway.
- Road raising at the entrance to Coolbane Woods.
- A demountable flood barrier at the Coolbane Woods junction.
- An earth embankment to be constructed along the back of the houses, Coolbane Woods.
- The installing of fluvial defences will result in a change in how the existing pluvial (stormwater drainage) system operates. As such, a suite of upgrades and amendments to the network is proposed. This includes the introduction of both permanent and temporary pumping station installations, that would only operate during flood events.
- The proposed development includes removal of overgrown vegetation along the Cedarwood Stream from the railway line to approximately 300m downstream.
- Replacement of two private culverts along the Cedarwood Stream, at the northern end of Castleconnell. This will include channel alterations upstream of each culvert.
- Provision of temporary construction compounds, fencing, site development and accommodation works.
- Provision of landscaping works as required throughout the scheme.

An Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared as part of the application in respect of the proposed development.

An Bord Pleanála may give approval to the application for development with or without conditions or may refuse the application for development.

A copy of the plans and particulars of the proposed development, the Environmental Impact Assessment (EIAR) and the Natura Impact Statement (NIS) will be available for inspection free of charge, or may be purchased on payment of a specified fee which shall not exceed the reasonable cost of making such a copy during public opening hours (excluding Public Holidays) from 29/11/2024 to 31/01/2025 (inclusive of both dates), at the following locations:

- The offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1, D01 Y902
- Limerick City and County Council, Merchant's Quay Limerick V94 EH90
- Limerick City and County Council, Dooradoyle Road, Dooradoyle, Limerick, V94 WV78

The application plans and particulars, the EIAR and NIS may also be viewed at or downloaded from the following website:
www.pleanala.ie
<https://www.castleconnellrfs.ie/>

Submissions or observations on the proposed development in relation to:

- The implications of the proposed development for proper planning and sustainable development in the area concerned, and
- The likely effects on the environment of the proposed development, if carried out, and
- The likely significant effects of the proposed development on a European site, if carried out.

may be made in writing only to An Bord Pleanála ('the Board'), 64 Marlborough Street, Dublin 1 D01 Y902.

Any submissions / observations must be accompanied by a fee of €50 (except for certain prescribed bodies and must be received by An Bord Pleanála not later than 5.00 p.m. on 31/01/25. Such submissions or observations should be titled "Castleconnell Flood Relief Scheme" and must include the following information:

- The name of the person, authority or body making the submission or observation, the name of the person, if any, acting on behalf of that person, authority or body, and the address to which any correspondence relating to the application should be sent;
- The subject matter of the submission or observation; and
- The planning grounds of the observation (i.e. reasons and arguments), and any items you wish to support your grounds or observation.

Any person may question the validity of any such decision by An Bord Pleanála made in respect of the application for permission by way of an application for judicial review, under Order 84 of the Rules of the Superior Courts (S.I. No. 15 of 1986, as amended by S.I. No. 691 of 2011), in accordance with Section 50 of the Planning and Development Act 2000 as amended.

Practical information on the review mechanism can be accessed under the heading Publications - Judicial Review Notice on the Board's website www.pleanala.ie or on the Citizens Information Service website www.citizensinformation.ie.

Any enquiries relating to the application process should be directed to An Bord Pleanála (Telephone: 01 8588100).

Signed: Vincent Murray, Director of Service,
Limerick City and County Council

Limerick.ie

Appendix C – Copy of Letters to Prescribed Bodies

ESB Head Office
27 Fitzwilliam Street Lower,
Dublin 2,
D02 KT92

Planning Referral

Section 175 and 177AE of the planning and Development Act 2000, as amended and the Planning and Development Regulations 2001, as amended
Limerick City and County Council proposes to seek approval from An Bord Pleanála for the following proposed development:

Castleconnell Flood Relief Scheme

27 October 2024

Dear Sir/Madam,

An **Environmental Impact Assessment Report (EIAR)** and a **Natura Impact Statement (NIS)** have been prepared in respect of the proposed development. The application plans and particulars, the EIAR and NIS may be viewed at or downloaded from the following website: www.castleconnellfrs.ie

Submissions or observations may be made in writing only to An Bord Pleanála ('the Board') 64 Marlborough Street, Dublin 1, D01 V902 in respect of:

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- (II) The likely effects on the environment of the proposed development, if carried out, and
- (III) The likely significant effects of the proposed development on a European site, if carried out.

Any submissions / observations must be received by the Board not later than 5.30 p.m. on **31 January 2025**. Such submissions or observations must include the following information:

1. The name of the person, authority or body making the submission or observation, the name of the person, if any, acting on behalf of that person, authority or body, and the address to which any correspondence relating to the application should be sent,
2. The subject matter of the submission or observation, and
3. The reasons, considerations and arguments on which the submission or observation is based in full.

Yours Sincerely,



Director of Services, Planning and Place-making



Comhairle Cathrach
& Contae Luimnigh

Limerick City
& County Council

Pleanáil, agus Cruthú Áite
Ceanncheathrú Chorpáraideach
Comhairle Cathrach agus Contae Luimnigh
Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Geological Survey Ireland
Dept. of the Environment, Climate and Communications
Block 1
Boosterstown Hall
Boosterstown
Blackrock
Co Dublin
A94 N2R6

Planning Referral

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Yours Sincerely,

Director of Services, Planning and Place-making

Minister's Office
Department of Environment, Climate and Communications,
Tom Johnson House,
Haddington Road,
Dublin,
D01 W6X0

Planning Referral

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Yours Sincerely,



Director of Services, Planning and Place-making

**An Taisce
Tailors' Hall
Back Lane
Dublin 8**

Planning Referral

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Yours Sincerely,



Director of Services, Planning and Place-making



Comhairle Cathrach
& Contae **Luimnigh**

Limerick City
& County Council

Pleanáil, agus Cruthú Áite
Ceanncheathrú Chorporáideach
Comhairle Cathrach agus Contae Luimnigh
Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Transport Infrastructure Ireland
Parkgate Business Centre,
Parkgate Street,
Dublin 8,
D08 DK10

Planning Referral

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Yours Sincerely,

Director of Services, Planning and Place-making

Uisce Éireann
Planning Referrals
Colvill House
24-26 Talbot Street
Mountjoy
Dublin

Planning Referral

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Yours Sincerely,



Director of Services, Planning and Place-making

The Heritage Council
Áras na hOidhreachta
Church Lane
Kilkenny
R95 X26

Planning Referral

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Yours Sincerely,



Director of Services, Planning and Place-making

Fáilte Ireland
88 – 95 Amiens Street,
Dublin 1,
D01 WR86

Planning Referral

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Director of Services, Planning and Place-making



Comhairle Cathrach
& Contae **Luimnigh**

Limerick City
& County Council

Pleanáil, agus Cruthú Áite
Ceanncheathrú Chorporáideach
Comhairle Cathrach agus Contae Luimnigh
Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Inland Fisheries Ireland
Ashbourne Business Park,
Dock Road,
Limerick,
V94 NPE0

Planning Referral

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Yours Sincerely,

Director of Services, Planning and Place-making

Environmental Health and Emergency Planning

Health Service Executive

Oak House, Lime Tree Avenue

Millennium Park,

Naas,

Co. Kildare

Planning Referral

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Castleconnell Flood Relief Scheme

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Yours Sincerely,



Director of Services, Planning and Place-making

Minister's Office
Department of Housing, Local Government and Heritage
Custom House,
Dublin,
D01 W6X0

Planning Referral

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Yours Sincerely,



Director of Services, Planning and Place-making

Bat Conservation Ireland
Carmichael House,
4-7 North Brunswick Street,
Dublin 7,
D07 RHA8

Planning Referral

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Yours Sincerely,



Director of Services, Planning and Place-making



Comhairle Cathrach
& Contae Luimnigh

Limerick City
& County Council

Pleanáil, agus Cruthú Áite
Ceanncheathrú Chorporáideach
Comhairle Cathrach agus Contae Luimnigh
Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Birdwatch Ireland
Unit 20 Block D,
Bullford Business Campus,
Kilcoole, Greystones
Co. Wicklow
A63 RW83

Planning Referral

Section 175 and 177AE of the planning and Development Act 2000, as amended and the Planning and Development Regulations 2001, as amended

Limerick City and County Council proposes to seek approval from An Bord Pleanála for the following proposed development:

Castleconnell Flood Relief Scheme

27 October 2024

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Director of Services, Planning and Place-making

Coillte
Dublin Road,
Newtownmountkennedy,
Co. Wicklow
A63 DN25

Planning Referral

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Comhairle Cathrach
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Limerick City
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Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Head Office

**Department of Agriculture, Food and the Marine,
Agriculture House,
Kildare Street,
Dublin 2
D02 WK12**

Planning Referral

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V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Head Office
Department of Transport,
Leeson Lane,
Dublin 2
D02 TR60

Planning Referral

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V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

**Environmental Protection Agency,
Johnstown Castle Estate,
Co. Wexford
Y35 W821**

Planning Referral

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V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

**Irish Environmental Network,
MACRO Centre,
1 Green Street,
Dublin 7**

Planning Referral

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V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

**Irish Heritage Trust,
11 Parnell Square East,
Dublin 1,
D01 ND60**

Planning Referral

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V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Irish Wildlife Trust,
8 Cabra Road,
Dublin 7,
D07 T1W2

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Director of Services, Planning and Place-making

**Local Authority Water Programme,
Clár Uiscí na nÚdarás Áitiúil,
The Lodge, Ballingarrane, Clonmel,
Co. Tipperary,
E91 X370**

Planning Referral

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Limerick City
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Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

National Monuments Service,
Department of Housing, Local Government and Heritage,
Custom House,
Dublin 1,

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Director of Services, Planning and Place-making

**National Parks & Wildlife Service,
90 King Street North,
Dublin 7
D07 N7CV,**

Planning Referral

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Director of Services, Planning and Place-making

**National Transport Authority,
Dún Scéine,
Harcourt Lane,
Dublin 2,
D02 WT20**

Planning Referral

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Limerick City
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Ceanncheathrú Chorpáraideach
Comhairle Cathrach agus Contae Luimnigh
Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Office of Emergency Planning,
National Emergency Coordination Centre,
Agriculture House (2 East),
Kildare Street,
Dublin 2,
D02 WK12

Planning Referral

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Director of Services, Planning and Place-making

Office of Public Works,
Jonathan Swift Street,
Trim,
Co. Meath,
C15 NX36

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V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

**Sustainable Water Network Ireland,
9 Upper Mount Street,
Dublin 2,**

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- (II) The likely effects on the environment of the proposed development, if carried out, and
- (III) The likely significant effects of the proposed development on a European site, if carried out.

Any submissions / observations must be received by the Board not later than 5.30 p.m. on **31 January 2025**. Such submissions or observations must include the following information:

1. The name of the person, authority or body making the submission or observation, the name of the person, if any, acting on behalf of that person, authority or body, and the address to which any correspondence relating to the application should be sent,
2. The subject matter of the submission or observation, and
3. The reasons, considerations and arguments on which the submission or observation is based in full.

Yours Sincerely,

Director of Services, Planning and Place-making



Comhairle Cathrach
& Contae Luimnigh

Limerick City
& County Council

Pleanáil, agus Cruthú Áite
Ceanncheathrú Chorporáideach
Comhairle Cathrach agus Contae Luimnigh
Cé na gCeannaithe, Luimneach
V94 EH90

Planning and Place-Making
Corporate Headquarters
Limerick City and County Council
Merchant's Quay, Limerick
V94 EH90

Teagasc,
Oak Park,
Carlow,
R93 XE12

Planning Referral

Section 175 and 177AE of the planning and Development Act 2000, as amended and the Planning and Development Regulations 2001, as amended

Limerick City and County Council proposes to seek approval from An Bord Pleanála for the following proposed development:

Castleconnell Flood Relief Scheme

27 October 2024

Dear Sir/Madam,

An **Environmental Impact Assessment Report (EIAR)** and a **Natura Impact Statement (NIS)** have been prepared in respect of the proposed development. The application plans and particulars, the EIAR and NIS may be viewed at or downloaded from the following website: www.castleconnellfrs.ie

Submissions or observations may be made in writing only to An Bord Pleanála ('the Board') 64 Marlborough Street, Dublin 1, D01 V902 in respect of:

- (I) The implications of the proposed development for proper planning and sustainable development in the area concerned, and
- (II) The likely effects on the environment of the proposed development, if carried out, and
- (III) The likely significant effects of the proposed development on a European site, if carried out.

Any submissions / observations must be received by the Board not later than 5.30 p.m. on **31 January 2025**. Such submissions or observations must include the following information:

1. The name of the person, authority or body making the submission or observation, the name of the person, if any, acting on behalf of that person, authority or body, and the address to which any correspondence relating to the application should be sent,
2. The subject matter of the submission or observation, and
3. The reasons, considerations and arguments on which the submission or observation is based in full.

Yours Sincerely,

Director of Services, Planning and Place-making

Appendix D – EIA Portal Confirmation Notice

Michael O'Donoghue

From: Housing Eiaportal <EIAportal@housing.gov.ie>
Sent: 13 November 2024 16:15
To: Ryan Darragh J
Subject: [EXTERNAL]EIA Portal Confirmation Number: 2024190

You don't often get email from eiaportal@housing.gov.ie. [Learn why this is important](#)

Caution: This is an external email and may have a suspicious subject or attached content. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

Dear Darragh,

An EIA Portal notification was received on 13/11/2024 in respect of this proposed application. The information provided has been uploaded to the EIA Portal on 13/11/2024 under EIA Portal ID number 2024190 and is available to view at <http://housinggovie.maps.arcgis.com/apps/webappviewer/index.html?id=d7d5a3d48f104ecbb206e7e5f84b71f1>.

Portal ID: 2024190

Competent Authority: An Bord Pleanála

Applicant Name: Limerick City & County Council

Location: Castleconnell, Co. Limerick

Description: Development of a fluvial flood defence scheme that includes: the construction of walls and embankments along the banks of the River Shannon, demountable flood barriers, road raising, and alterations and vegetation clearance in the Cedarwood Stream.

Linear Development: No

Date Uploaded to Portal: 13/11/2024

Kindest Regards,

Hugh Wogan,

EIA Portal team

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta
Department of Housing, Local Government and Heritage

Teach an Chustaim, Baile Átha Cliath 1, D01 W6X0
Custom House, Dublin 1, D01 W6X0

T +353 (0) 1 888 2142

www.gov.ie/housing



An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreachta
Department of Housing,
Local Government and Heritage

Appendix E – Letters of Support from Relevant Stakeholders

Michael O'Donoghue

From: Ross Bryant
Sent: 02 October 2024 08:39
To: Michael O'Donoghue
Subject: Fw: Castleconnell Flood Relief Scheme

FYI

Ross Bryant
Associate Director

 [Chat with me on MS Teams](#)

M : +353 86 053 3197

Office Direct Dial : +353 61 579 402

From: Niall Hanrahan <hanrahan2@icloud.com>
Sent: 02 October 2024 8:33 AM
To: Ross Bryant <Ross.Bryant@jbaconsulting.ie>
Subject: Castleconnell Flood Relief Scheme

[You don't often get email from hanrahan2@icloud.com. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Hi ,

I am the landlord of No 6 the Commons Castleconnell Co Limerick . Please take this email as my support for the upcoming works .

Regards

Niall
Sent from my iPhone

The first message in this conversation was sent internally from within the JBA organisation.



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& Contae **Luimnigh**

**Limerick City
& County Council**



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Project Ireland

2040



7 Meadowbrook,
Castleconnell,
Co. Limerick.
V94 X4XW

Our Ref:19104-JBAI-XX-XX-LT-Z-00692_7_Meadowbrook_P02.01

03 September 2024

Castleconnell Flood Relief Scheme - Letter of Consent for Planning Application

To whom it may concern,

I am the owner of 7 Meadowbrook in Castleconnell, Co. Limerick. I have been in discussions with Limerick City and County Council and JBA Consulting throughout the Options Development Stage of the Castleconnell Flood Relief Scheme regarding the proposed flood relief measures at 7 Meadowbrook, as shown on the draft planning drawings attached and outlined hereunder:

- Replacement of the existing garden wall to the northwest boundary of the garden with a new flood wall with a piled foundation. The new flood wall will be clad in stone on the garden side of the wall.
- Adjacent to the property and the front garden, the new flood wall will be set back from the existing boundary line so that it is further away from the property. The wall will have a piled foundation and will be clad in stone on the house side of the wall.
- A section of the existing wall at the end of Meadowbrook will be removed and replaced with an access gate to allow maintenance of the adjacent flood embankment.

I hereby consent to Limerick City and County Council lodging the planning application to An Bord Pleanála on these lands, with the understanding that a detailed legal agreement will be put in place prior to the construction of the scheme. This consent is provided based on the draft plans and discussions to date, recognising that further details and agreements will be required as the project progresses.

Name

Signature

Date

John and Linda Hardiman
5/10/2024

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Corbally
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V94 312N
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info@jbaconsulting.ie

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The Grange,
Lacka
Castleconnell,
Co. Limerick,
V94 HF1C

Our Ref:19104-JBAI-XX-XX-LT-Z-00681_Grange_House_P01.01

03 September 2024

Castleconnell Flood Relief Scheme - Letter of Consent for Planning Application

To whom it may concern,

I am the owner of The Grange in Castleconnell, Co. Limerick. I have been in discussions with Limerick City and County Council and JBA Consulting throughout the Options Development Stage of the Castleconnell Flood Relief Scheme regarding the proposed flood relief measures at Grange House, as shown on the draft planning drawings attached and outlined hereunder:

- Replacement of the existing wall to the west of The Grange with a new flood wall with a sheet piled foundation. The new flood wall will be clad in stone similar to the existing wall. Lengths of glass panels will be provided within the flood wall to maintain some of the view of the river.
- The Cedarwood Stream is to be piped and diverted through the gardens and the existing water features to remain.

I hereby consent to Limerick City and County Council lodging the planning application to An Bord Pleanála on these lands, with the understanding that a detailed legal agreement will be put in place prior to the construction of the scheme. This consent is provided based on the draft plans and discussions to date, recognising that further details and agreements will be required as the project progresses.

Name *MARGARET + GERARD CORSCADDEN*

Signature *Margaret Corcadden*

Date *25/10/24*
Gerard Corcadden

24 Grove Island
Corbally
Limerick
V94 3F2H
Ireland

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Island View House,
Main Street,
Castleconnell,
Co. Limerick.
V94 K61K

Our Ref:19104-JBAI-XX-XX-LT-Z-00686_Island_View_House_P02.01

03 September 2024

Castleconnell Flood Relief Scheme - Letter of Consent for Planning Application

To whom it may concern,

I am the owner of Island View House in Castleconnell, Co. Limerick. I have been in discussions with Limerick City and County Council and JBA Consulting throughout the Options Development Stage of the Castleconnell Flood Relief Scheme regarding the proposed flood relief measures at Island View House, as shown on the draft planning drawings attached and outlined hereunder:

- Replacement of part of the existing garden boundary wall to the north-west side of the Island View House garden with a new flood wall with a concrete foundation. The new flood wall will be clad in stone similar to the existing wall on the garden side.
- Beyond the end of the Island View House garden, the new wall extends through the wooded area at an angle to meet the boundary of the property on Meadowbrook.

I hereby consent to Limerick City and County Council lodging the planning application to An Bord Pleanála on these lands, with the understanding that a detailed legal agreement will be put in place prior to the construction of the scheme. This consent is provided based on the draft plans and discussions to date, recognising that further details and agreements will be required as the project progresses.

Name

Signature

Date

Charles Kuper
7th October 2024

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Lacka,
Castleconnell,
Co. Limerick.
V94 EHV0

Our Ref:19104-JBAI-XX-XX-LT-Z-00695_V94EHV0_P01.01

03 September 2024

Castleconnell Flood Relief Scheme - Letter of Consent for Planning Application

To whom it may concern,

I am the owner of V94 EHV0 in Castleconnell, Co. Limerick. I have been in discussions with Limerick City and County Council and JBA Consulting throughout the Options Development Stage of the Castleconnell Flood Relief Scheme regarding the proposed flood relief measures at V94 EHV0, as shown on the draft planning drawings attached and outlined hereunder:

- Vegetation clearance and tree removal in the Cedarwood Stream.

I hereby consent to Limerick City and County Council lodging the planning application to An Bord Pleanála on these lands, with the understanding that a detailed legal agreement will be put in place prior to the construction of the scheme. This consent is provided based on the draft plans and discussions to date, recognising that further details and agreements will be required as the project progresses.

Name

Tom Kitt

Signature

Tom Kitt

Date

27/9/2024

24 Grove Island
Corbally
Limerick
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Mall House,
Cloon and Commons
Castleconnell,
Co. Limerick.
V94 X9C3

Our Ref:19104-JBAI-XX-XX-LT-Z-00683_Mall_House_P01.01

03 September 2024

Castleconnell Flood Relief Scheme - Letter of Consent for Planning Application

To whom it may concern,

I am the owner of Mall House in Castleconnell, Co. Limerick. I have been in discussions with Limerick City and County Council and JBA Consulting throughout the Options Development Stage of the Castleconnell Flood Relief Scheme regarding the proposed flood relief measures at Mall House, as shown on the draft planning drawings attached and outlined hereunder:

- Replacement of the existing wall to the west of Mall House with a new flood wall with a sheet piled foundation. The new flood wall will be clad in stone similar to the existing wall.
- The private access gate in the existing wall will be removed.

I hereby consent to Limerick City and County Council lodging the planning application to An Bord Pleanála on these lands, with the understanding that a detailed legal agreement will be put in place prior to the construction of the scheme. This consent is provided based on the draft plans and discussions to date, recognising that further details and agreements will be required as the project progresses.

Name

Signature

Date

S. McMahon
2.10.2024

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