Appendix H

Public Consultation

H1 Brochure
H2 Questionnaire
H3 Posters

What Happens Next?

All comments received in response to this Public Consultation will be considered by the OPW and will be taken into account in the preparation of the first stage in the River Deel (Crossmolina) Flood Relief Scheme Environmental Study and Engineering Study.

The Environmental Study and Engineering Study for the River Deel (Crossmolina) Flood Relief Scheme will be delivered in the following Stages:

Environmental Study		Engineering Study
Stage I	Constraints Study (*this stage*) Screening for Appropriate Assessment	Stage I (a) Engineering Design Stage I (b) EIS & Screening for AA (see Environmental Study) Stage I (c) Valuation Survey
Stage II	Environmental Assessment of Viable Options Appropriate Assessment	
Stage III	Environmental Impact Statement	Stage II Public Exhibition
Stage IV	Public Exhibition	Stage III Detailed Design & Confirmation

Your Opportunity to Take Part

The OPW wishes to consider all viewpoints in relation to the development of a proposed flood relief scheme for the River Deel in the Crossmolina area. This is your opportunity to take part at the early stages of the planning of the River Deel (Crossmolina) Flood Relief Scheme. The time spent by you in communicating your views to the OPW is appreciated.

The general public and all interested parties are invited to give their opinions at this initial stage of development of the scheme. Please let your views be known by either completing the enclosed questionnaire or writing to the address below, giving your comments. Your opinion is appreciated and will be given full consideration. The responses received will be analysed and reported in the Constraints Study Report. Completed questionnaires may be handed in at the exhibition or posted to the address below using the stamped and addressed envelope provided, by **Friday 21st September 2012**.

Further Information

All queries, questionnaires and comments in relation to this project can be addressed to:

Contact Name: Corina Colleran
Contact Title: Project Manager

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RYAN HANLEY Consulting Engineers

McCarthy Keville O'Sullivan Planning & Environmental Consultants

JBA consulting

Dá is Maire Linn

Public Information Event

Information Brochure

River Deel (Crossmolina)

Flood Relief Scheme

September 2012

OPW
The Office of Public Works
Oifig na nOibreacha Poiblí

Purpose of the Project

The purpose of the River Deel (Crossmolina) Flood Relief Scheme is to identify the most appropriate flood relief scheme to alleviate flooding in Crossmolina town. The Office of Public Works (OPW) has appointed consultants to carry out both an Engineering Study and an Environmental Study in order to determine an appropriate scheme on the basis of technical, social and environmental criteria.

Current Position

This first phase of the scheme involves the identification of a Study Area and the preparation of a Constraints Study to inform the Engineering Study for the scheme. The initial phase of the Engineering Study will involve the identification of the most appropriate flood relief scheme for the Crossmolina area. Preliminary fieldwork has commenced and surveys of the River Deel will be carried out in the coming weeks, following which a hydraulic model of the relevant reach of the River Deel and it's catchment will be prepared. This model will be used to inform the selection of the most appropriate flood relief scheme for Crossmolina.

The first phase of the Environmental Study involves the preparation of a Constraints Study (see below) which will inform the Engineering Study.

Ryan Hanley in association with JBA Consulting will carry out the Engineering Study and Ryan Hanley in association with McCarthy Keville O'Sullivan will carry out the Environmental Study on behalf of the OPW. Mayo County Council will be involved in the planning of the scheme in conjunction with the OPW.

This is the first public consultation and its objective is to seek initial views from the public in relation to the key issues that the Constraints Study should address, and highlight points of local importance that may constrain the design of potential flood risk management measures.

What is a Constraints Study?

The purpose of a Constraints Study is to identify the key environmental issues in a Study Area which might be impacted by possible flood alleviation measures and/ or which may impose constraints on the viability and/ or design of these measures. The sketch overleaf shows the proposed Study Area (outlined in red) for the River Deel Flood Relief Scheme. The Constraints Study will identify the constraints within this Study Area that need to be considered, for example, the River Moy Special Area of Conservation, which aims to protect species including white-clawed crayfish, lamprey, salmon and otter. There are freshwater pearl mussels present on the River Deel, which are protected by law. There are also a number of archaeological sites in the area. Factors such as these must be considered in the selection of flood risk management options for Crossmolina.

Engineering Study

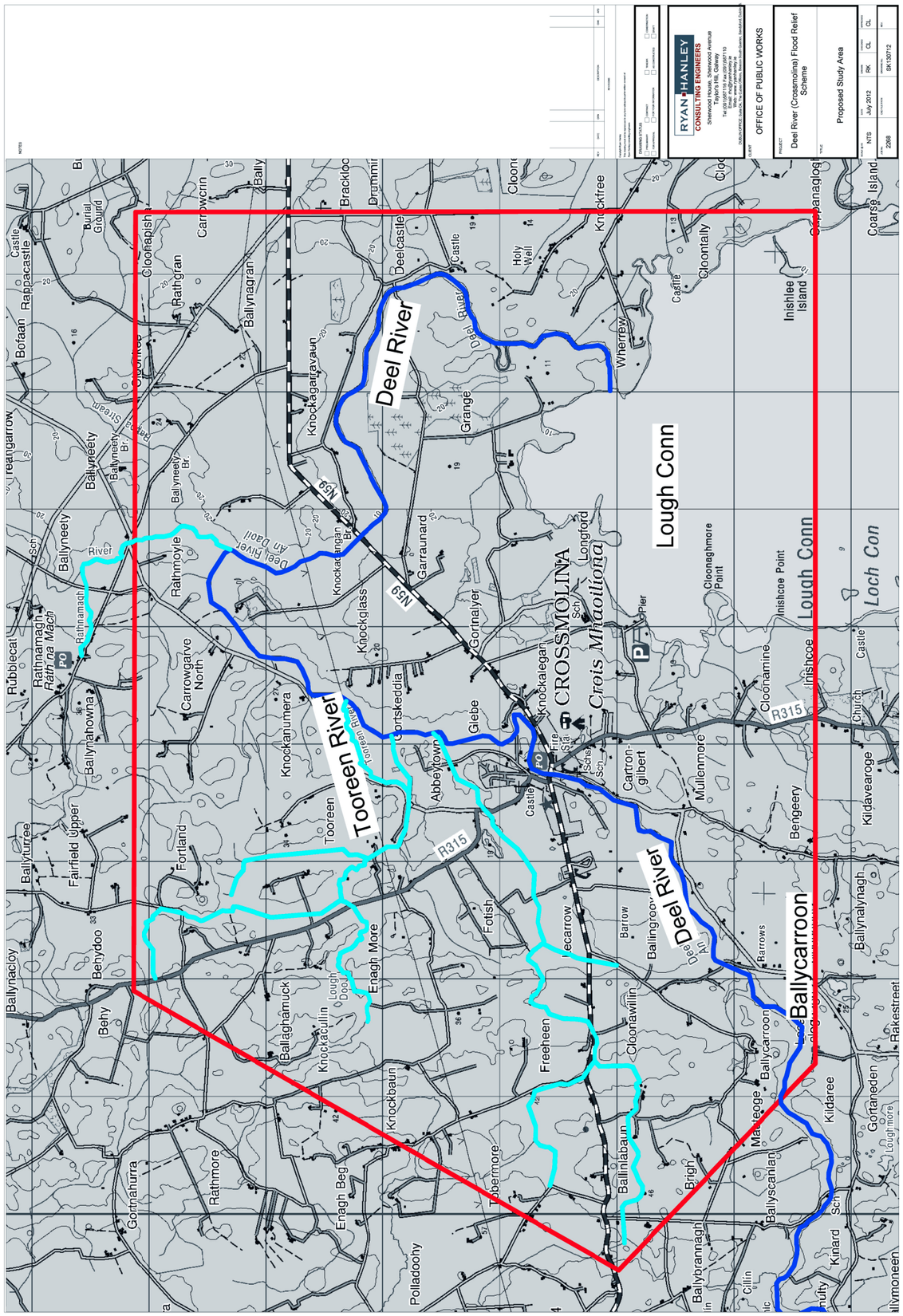
The range of engineering measures typically considered for possible flood alleviation schemes in an Engineering Study include, but are not limited to those listed below.

Potential Flood Risk Management Measures

The following are the type of flood risk management measures that will be considered as part of the Engineering Study:

- Do Nothing
- Non-Structural Measures (e.g. flood warning system or individual property protection)
- Relocation of Properties and/or infrastructure
- Reconstruction of Properties and/or infrastructure to a higher level
- Flow Diversion (e.g. river diversion or flood flow bypass channel)
- Flow Reduction (e.g. upstream catchment management or flood storage)
- Flood Containment through Construction of Flood Defences
- Increase Conveyance of Channel (upstream and/ or through and/or downstream of the town)

The Engineering Study will assess the viability of options that may be suitable for the Crossmolina area. A Cost Benefit Analysis will also be prepared as part of the Engineering Study.



River Deel (Crossmolina) Flood Relief Scheme
Public Consultation No.1
Questionnaire

(Please complete this questionnaire and hand it in at the Public Information Day or place in the stamped addressed envelope provided, and return by Friday 21st September 2012)

1. **Name *(optional)*:** _____

   Address: _____

   _____

   _____

   Phone *(optional)*: _____

   Email *(optional)*: _____

2. **Do you own, rent or occupy a property within the study area being considered?** Yes ☐ No ☐

3. **Address of property (if different from home address)**

   _____

4. **Have you had any personal experience of flooding?** Yes ☐ No ☐

5. **If yes, please give date(s):**
   - Most recent _____
   - Previous _____
   - Previous _____
   - Previous _____

6. **Type of property flooded:**
   - Residential ☐
   - Retail ☐
   - Office ☐
   - Warehouse/Workshop ☐
   - Open Space/Garden ☐
   - Other ☐

7. **Approximate maximum depth of flooding:** _____

8. **Source of Flooding:**
   - Directly from River/ Stream ☐
   - From Drains ☐
   - Overground flow (surface water) ☐

9. Do you have photographs of flooding? Yes ☐ No ☐

10. If you do, may the OPW have permission to use them? Yes ☐ No ☐

Note: Photographs will be collected at a later date

11. Have you put in place measures to prevent or reduce the impact of flooding? Yes ☐ No ☐

If so, please describe:

12. Please indicate, in order of preference, what you feel is the most appropriate Flood Risk Management Scheme for the Crossmolina area. ***(please score from 1-6 as appropriate)***

No Works ☐

Early Flood Warning System ☐

Walls/ Embankments ☐

River Dredging ☐

Compound River Channel (River widening) ☐

Relocation of Properties ☐

Other (please specify)_____ ☐

13. How do you think the issue of flooding in the area can be resolved?

14. In your opinion, how important are the following environmental constraints to the development of a Flood Risk Management Scheme for the Crossmolina area: *(please tick appropriate boxes)*

Issue	Very Important	Important	Moderately Important	Of Little Importance	Unimportant
Flora and Fauna	☐	☐	☐	☐	☐
Local Fisheries	☐	☐	☐	☐	☐
Habitats	☐	☐	☐	☐	☐
Water Quality	☐	☐	☐	☐	☐
Architectural and Cultural Heritage	☐	☐	☐	☐	☐
Landscape and Visual Amenity	☐	☐	☐	☐	☐
Angling, Tourism & Recreation	☐	☐	☐	☐	☐

If you have any comments in relation to the proposed scheme or the constraints, please record them here:

Flora and Fauna

Comment:

Local Fisheries

Comment:

Habitats

Comment:

Water Quality

Comment:

Architectural & Cultural Heritage

Comment:

Landscape & Visual Amenity

Comment:

Angling, Tourism & Recreation

Comment:

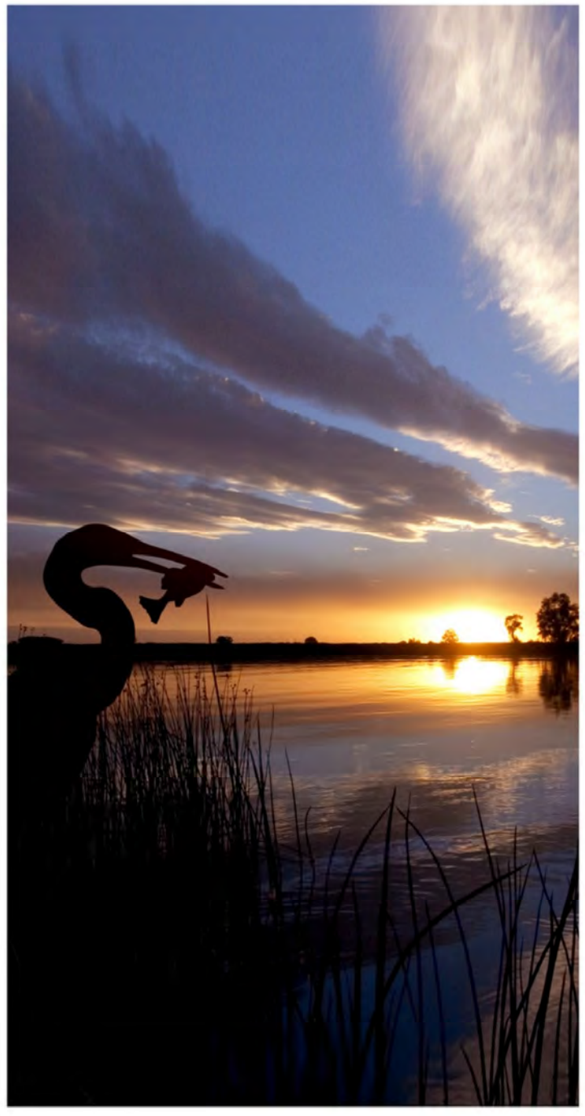
Other

Comment:

The Office of Public Works (OPW) undertakes to hold any information provided to it by individuals or others on a confidential basis, subject to the OPW's obligations under law, including the Freedom of Information Act. If, for any reason, it is intended that information provided to the OPW should not be disclosed due to the sensitive nature of such information, it is incumbent on the person or body supplying the information to make clear this wish and to specify the reasons for the information's sensitivity. The OPW will consult with any individual or body so supplying sensitive information before making a decision on any freedom of information request received.

THANK YOU FOR YOUR CO-OPERATION

River Deel (Crossmolina) Flood Relief Scheme



Scheme Objectives & Overview

The purpose of the River Deel (Crossmolina) Flood Relief Scheme is to identify a preferred flood relief scheme to reduce the frequency and impact of flooding of the River Deel in the Crossmolina area and to bring the preferred scheme through the planning stage.

The process of identifying the preferred scheme includes a detailed assessment of a range of flood risk management measures to determine their technical, economic and environmental viability.

The Project Team includes the OPW, Mayo County Council, Engineering Consultants and Environmental Consultants.

A broad study area has been identified and the initial stages of the project have commenced, including the Constraints Study and Preliminary Surveys.

JBA consulting

Dia is Maire Linn

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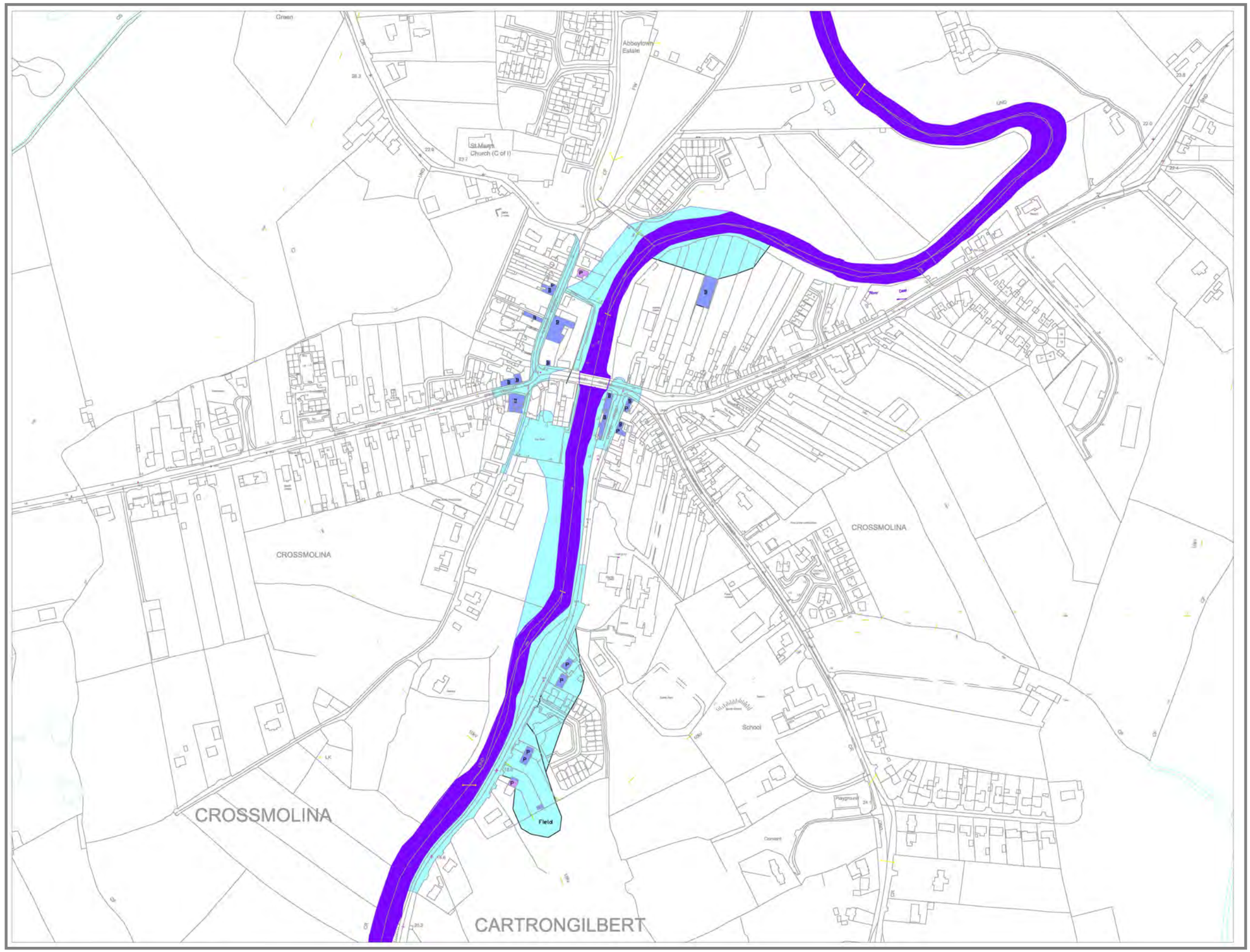
McCarthy Keville O'Sullivan
Planning & Environmental Consultants

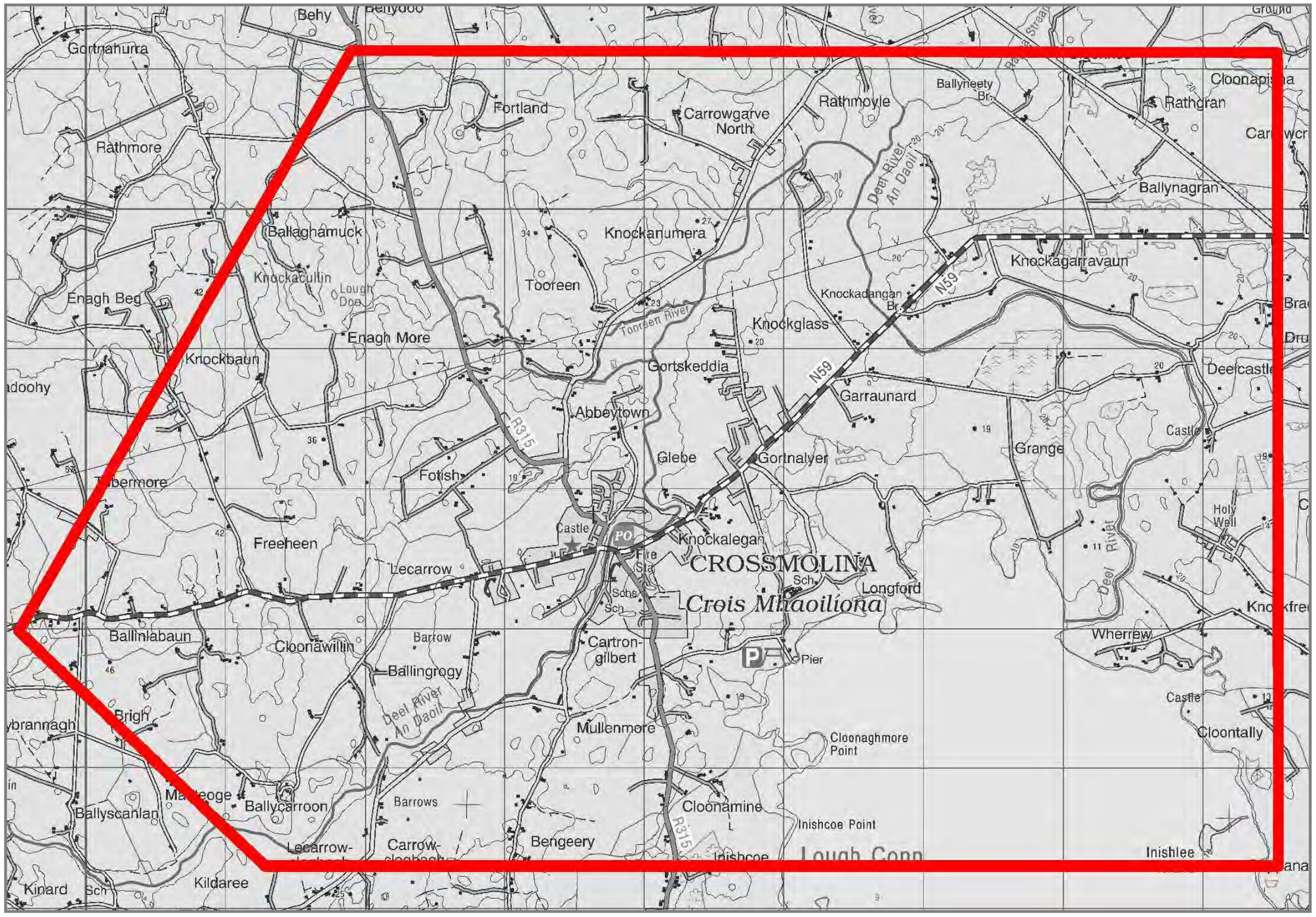
RYAN HANLEY
Consulting Engineers

River Deel (Crossmolina) Flood Relief Scheme
December 2006 Flood Event

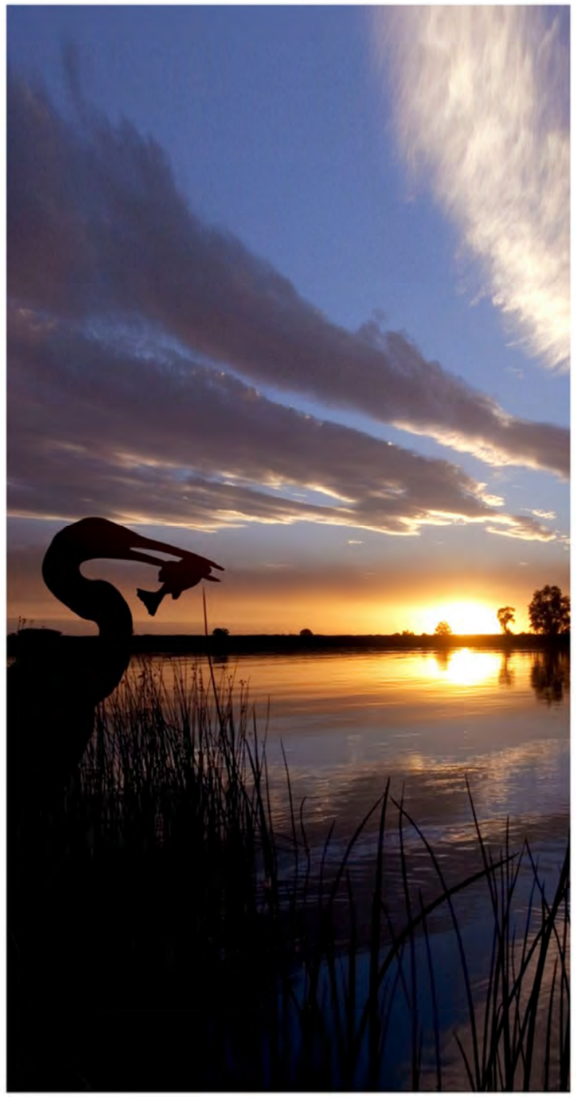


River Deel (Crossmolina) Flood Relief Scheme

Constraints Study Area



River Deel (Crossmolina) Flood Relief Scheme



Constraints Study

A Constraints Study is currently being undertaken by the Environmental Consultants for the project. The purpose of the Constraints Study is to determine and document any relevant constraints that may inform the selection and design of a Flood Relief Scheme for the area. The area which is being considered as part of the Constraints Study is shown on a separate poster.

Primary Constraints

A range of constraints are being considered including the following:

- **Flora and Fauna**
- **Fisheries**
- **Habitats**
- **Water Quality**
- **Archaeological, Architectural and Cultural Heritage**
- **Landscape and Visual Amenity**
- **Angling, Tourism and Recreational Use**
- **Flood Related Socio-Economic and Social Issues**

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Consulting Engineers

River Deel (Crossmolina) Flood Relief Scheme

Public Involvement

Consultation will be undertaken throughout the process to ensure that the views of the public and other stakeholders are taken into account.

The purpose of this first Public Consultation is to:

- Provide information about the Objectives of the Scheme
- Outline the Design and Statutory Process
- Provide an Opportunity for Comment at an Early Stage
- Gather information about Environmental Constraints
- Obtain other information relevant to the Scheme

Following this initial public consultation, there will be further opportunities for involvement through attendance at future information days, when updates on the scheme progress will be presented. A questionnaire is available for you to complete and return with your own comments.

Members of the project teams are present today to answer any questions you have, or take note of any relevant information.

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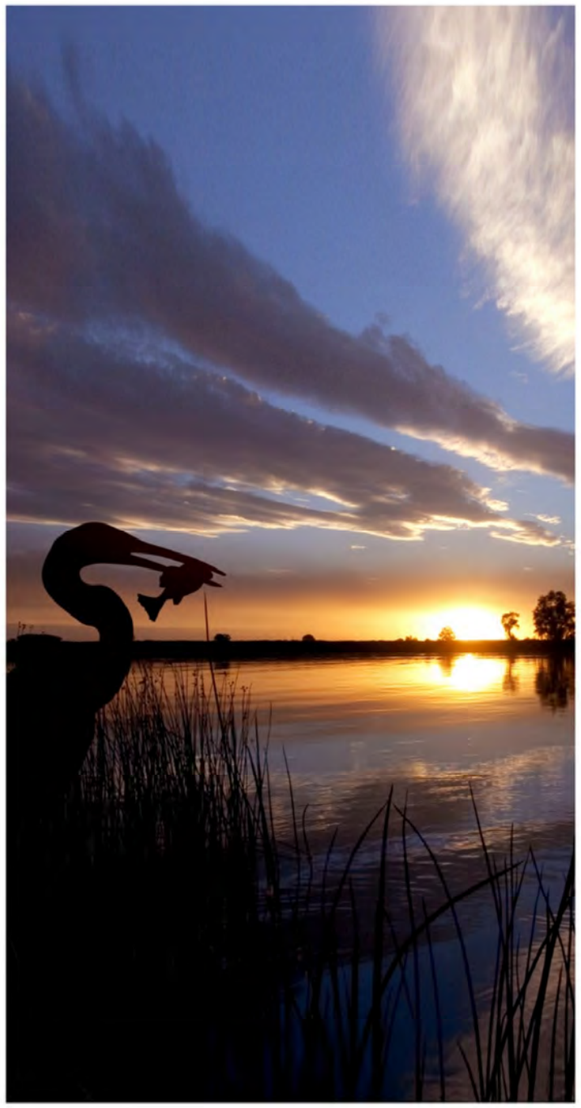

Formal Public Exhibition Process

Once a preferred Flood Relief Scheme has been determined and an outline design completed, the OPW will seek consent for the proposed scheme in accordance with the Arterial Drainage Act.

This statutory process includes a four week Public Exhibition, during which the plans and particulars of the proposed scheme will be put on Public Display.

Representatives of the Project Team will attend the Public Exhibition on various dates to explain the scheme to members of the public and to address queries.

Copies of the EIS for the scheme will be available for sale to the public during this time.

Members of the public will be invited to submit written observations which will be considered and responded to.

An Exhibition Report, including all observations received will be sent to the Minister for Finance before formal approval of the Scheme.

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