

WHAT HAPPENS NEXT?

All comments received in response to this Public Information Event will be considered by the OPW and will be taken into account in the preparation of the first stage in the Bandon Flood Relief Scheme Environmental Impact Assessment and the Engineering Study.

The Environmental Impact Assessment and Engineering Study for the Bandon Flood Relief Scheme will be delivered in the following Stages:

| Environmental Impact Assessment | | | Engineering Study |
|---------------------------------|--------------------------------|--|---------------------------------------|
| Stage I | Part 1 | Constraints Study (<i>this stage</i>) | Hydrology Study & Hydraulic Modelling |
| | Part 2 | Screening for Appropriate Assessment | Site Investigations |
| Stage II | Part 1 | Environmental Assessment of Viable Options | Flood Risk Assessments |
| | Part 2 | Appropriate Assessment | Flood Risk Management Options |
| Stage III | Environmental Impact Statement | | Cost Benefit Analysis |
| Stage IV | Public Exhibition | | Selection of Preferred Option |
| Flood Risk Management Plan | | | |
| Interference Notices | | | |
| Public Exhibition | | | |

YOUR OPPORTUNITY TO TAKE PART

The Office of Public Works wishes to consider all viewpoints in relation to the Study Area being examined. This is your opportunity to take part at the early stages of the planning of the Bandon Flood Relief Scheme. Time spent communicating your views to the Office of Public Works is appreciated.

The general public and all interested parties are invited to give their opinions on the Study Area. Please examine the Study Area shown overleaf and let your views be known by either completing the enclosed questionnaire or writing to the address below, giving your comments. Your opinion will be appreciated and given full consideration.

Completed questionnaires may be handed in at the exhibition or posted to the address below using the stamped and addressed envelope provided, by **Friday 28th January 2011**.

FURTHER INFORMATION

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

Contact Name: Corina Colleran
Contact Title: Project Manager

McCarthy Keville O’Sullivan Ltd.
Planning & Environmental Consultants
Block 1, G.F.S.C., Moneenageisha Road,
Galway

Tel: +353 (091) 735611
Fax: +353 (091) 771279
Email: ccolleran@mccarthykos.ie



BANDON FLOOD
RELIEF SCHEME

PUBLIC CONSULTATION

JANUARY 2011



Ryan Hanley in association with McCarthy Keville O'Sullivan has been appointed by the Office of Public Works to carry out an Environmental Assessment of the proposed Bandon Flood Relief Scheme.

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 study should address, and highlight points of local importance that may constrain the design of potential flood alleviation measures.

PURPOSE OF THE PROJECT

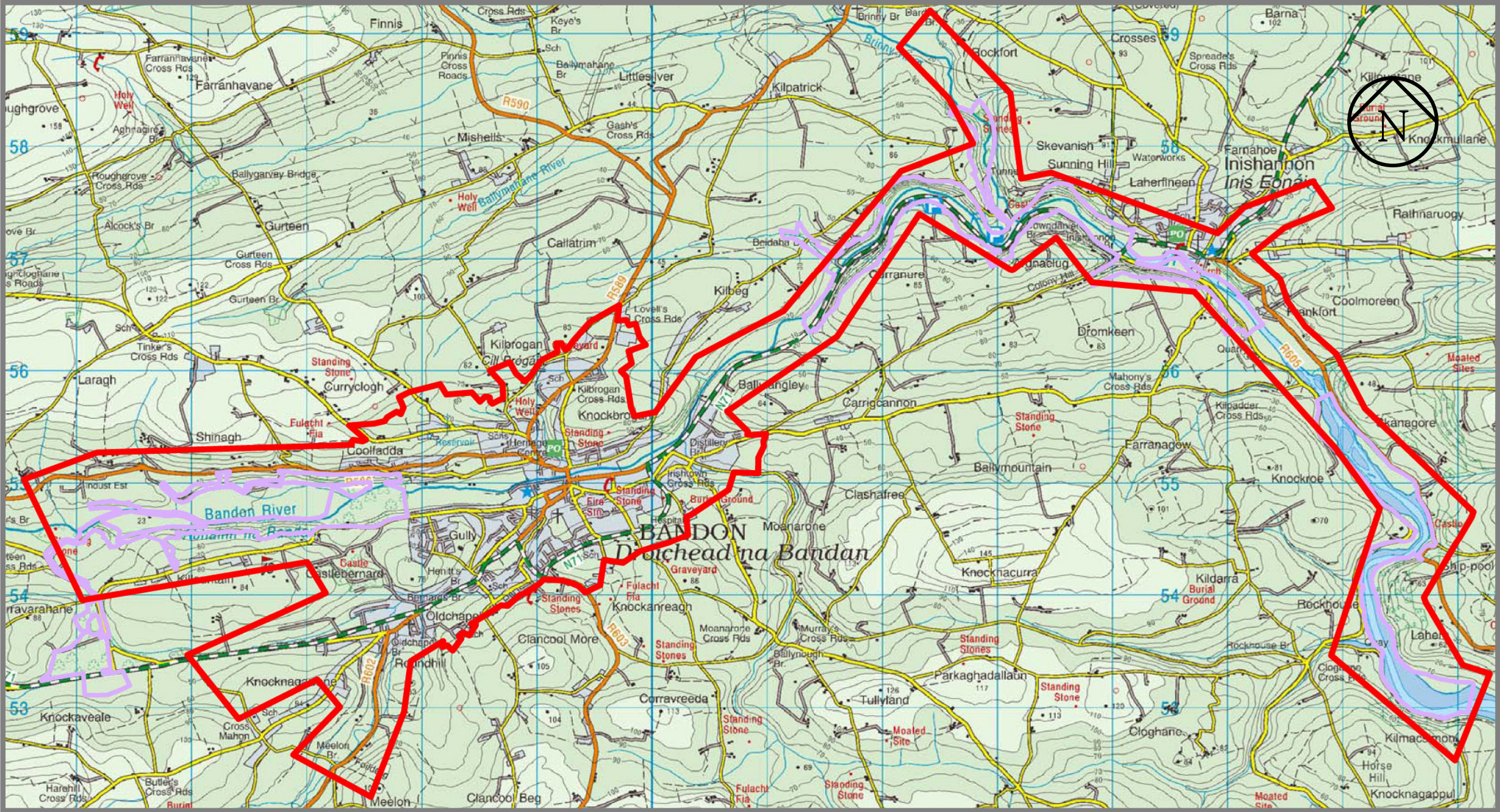
The purpose of the Bandon Flood Relief Scheme is to identify the most appropriate flood relief scheme to alleviate flooding in Bandon Town.

CURRENT POSITION

The first phase of the scheme is the identification of a study area and the preparation of a Constraints Study as part of the Environmental Impact Assessment for the scheme. The Study Area is shown in red on the map above.

WHAT IS A CONSTRAINTS STUDY?

A Constraints study identifies the key environmental issues in a study area which may be impacted upon by possible flood alleviation measures and/ or which may impose constraints on the viability and/ or design of these measures.



LEGEND

Study Area ———
Designated Sites ———

ENGINEERING STUDY

An Engineering Study is being advanced in parallel with the Environmental Assessment of the Flood Relief Scheme.

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

It is not possible at this stage to define the number of scheme options that will require study, although a typical Engineering Study of this nature will identify between three and five viable options.

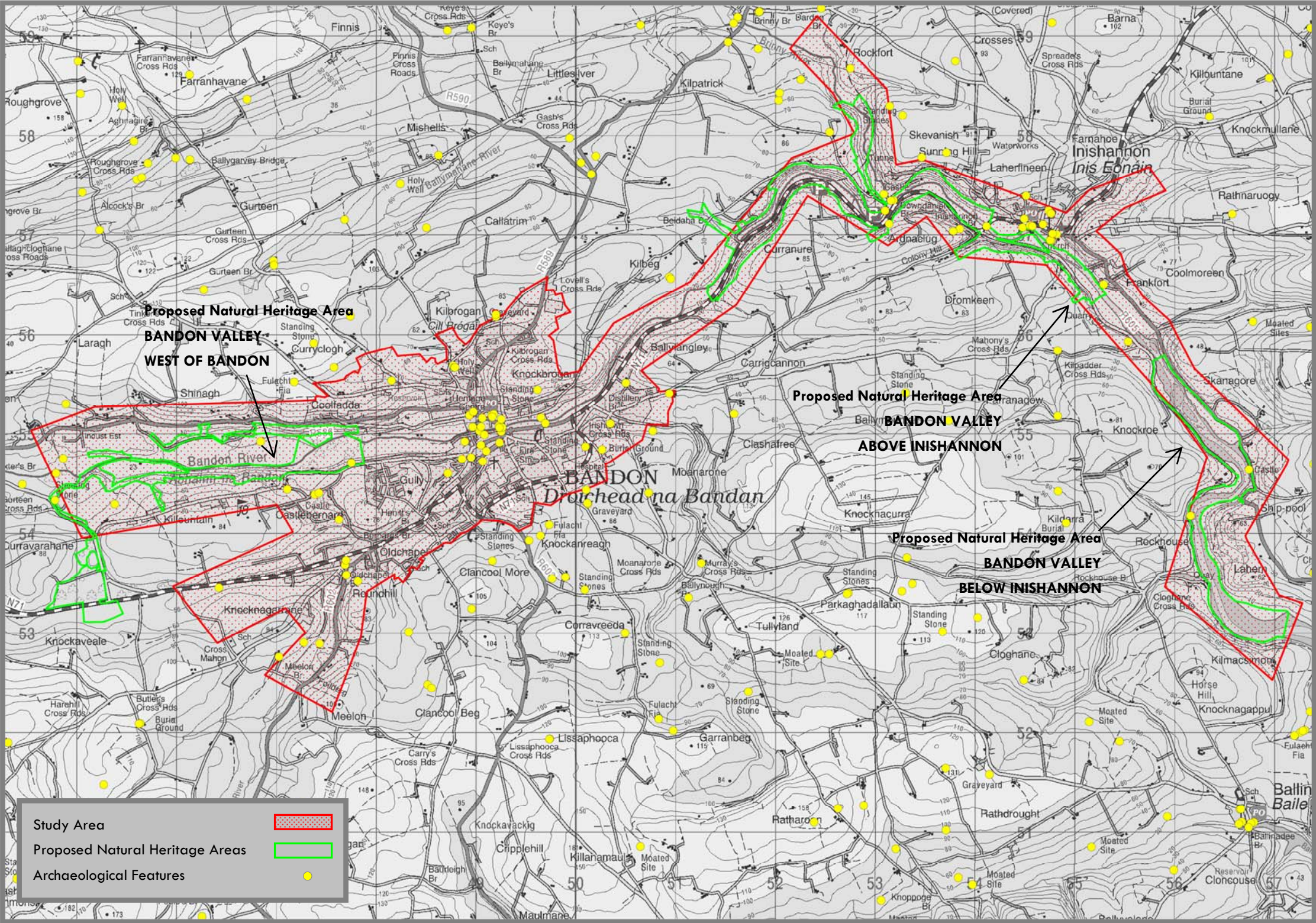
POTENTIAL FLOOD ALLEVIATION MEASURES

- a) Do Nothing (i.e., implement no new flood alleviation measures)
- b) Non-Structural Measures (e.g. flood warning system or individual property protection)
- c) Relocation of Properties and/or infrastructure
- d) Reconstruction of Properties and/or infrastructure to a higher level
- e) Flow Diversion (e.g. river diversion or flood flow bypass channel)
- f) Flow Reduction (e.g. upstream catchment management or flood storage)
- g) Flood Containment through Construction of Flood Defences
- h) Increase Conveyance of Channel (upstream and/or through and/or downstream of the town)
- i) Sediment Deposition and Possible Sediment Traps
- j) Pump storm waters from behind flood defences
- k) Measures Specific to the Study Location

Bandon Flood Relief Scheme

Recorded Archaeological Sites within the Study Area:

| Monument Type | Townland |
|---------------------------------------|------------------|
| Ringfort (Rath) | Rockfort |
| Castle | Kilbeg South |
| Mound | Kilbeg South |
| Designed Landscape/Ornamental Tower | Ardnagug |
| Metalworking Site | Kilpatrick |
| Bridge | Skevanish |
| Castle - Tower House | Ardnagug |
| Country House | Ardnagug |
| Country House | Laherfineen |
| Graveyard | Farnahoe |
| Church | Farnahoe |
| Mill - Bleaching | Laherfineen |
| Church | Laherfineen |
| House - 18th/19 th Century | Laherfineen |
| Market-House | Farnahoe |
| Bridge | Farnahoe |
| Graveyard | Farnahoe |
| Church | Farnahoe |
| Historic Town | Farnahoe |
| Country House | Coolmoreen |
| Bridge | Ardnagug |
| Enclosure | Ardnagug |
| Inscribed Stone | Kilpatrick |
| House - 18th/19 th Century | Laherfineen |
| Mill - Corn | Knocknagarrane |
| Historic Town | Coolfadda, Gully |
| Town gate | Gully |
| Brewery | Gully |
| Graveyard | Coolfadda |
| Graveyard | Gully |
| Church | Gully |
| Graveyard | Coolfadda |
| Church | Coolfadda |
| Bridge | Coolfadda, gully |
| Church | Cloghmascimon |
| Church possible | Knockbrogan |
| Town Gate | Cloghmascimon |
| Barracks | Coolfadda |
| Town Defences | Knockbrogan |
| Earthwork | Coolfadda |
| Shambles | Coolfadda |
| Standing Stone | Knockbrogan |
| Brewery | Knockbrogan |
| Gasworks | Cloghmascimon |
| Fulacht Fiadh | Ballylangley |
| Burial Ground | Gully |
| Country House | Knocknagarrane |
| Country House | Knocknagarrane |
| Mill - Cotton | Knocknagarrane |
| Mill - Corn | Roundhill |
| Church | Roundhill |
| Mill - Corn | Roundhill |
| Market Cross | Coolfadda |
| Mill | Coolfadda |
| Prison | Coolfadda |
| Bridge | Coolfadda, gully |
| Market-House | Gully |
| Mill | Cloghmascimon |
| Market-House | Coolfadda |
| Bridge | Coolfadda, Gully |
| Bridge | Gully |
| Bridge | Gully |
| Souterrain | Roundhill |
| Cliff-Edge Fort | Dromkeen |
| Castle | Knockroe |
| Castle - Tower House | Ship-pool |



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Bandon Flood Relief Scheme

Constraints Study

A Constraints Study is currently being undertaken by the project Environmental Consultants. The purpose of the Constraints Study is to determine and document the constraints that may inform the selection and design of the proposed Flood Alleviation Measures.

Primary Constraints

A range of constraints are being considered under the following categories:

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



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Bandon 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 initial Information Gathering Day is to:

- Provide information about the Objectives of the Scheme
- Outline the Design and Statutory Process
- Provide an Opportunity for Comment at a preliminary 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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Bandon Flood Relief Scheme

Scheme Objectives & Overview

The purpose of the Bandon Flood Relief Scheme Project is to identify a preferred flood relief scheme to reduce the frequency or impact of flooding of the Bandon River and to develop the scheme to outline design.

The process of identifying the preferred scheme includes an assessment of the range of measures and scheme options available, to determine their technical, economic and environmental viability.

The Project Team includes a Design Team made up of consulting engineers, the OPW and Cork County Council in addition to the Environmental Team.

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



Bandon Flood Relief Scheme

Formal Public Exhibition Process

Proposed Statutory Process under Arterial Drainage Act

Held over a four week period

Launch by Minister of State to elected Councillors

Full drawings/maps on display for full period and also available at local Town Council offices

Up to four Open days when representatives of the Project Team will attend to address queries from the public

Copies of EIS to be available for sale to the public

All written observations to OPW will be considered and responded to

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



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