

What Happens Next?

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

The Environmental Impact Assessment and Engineering Study for the Glashaboy River 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>	Stage I	Scheme Development
	Part 2	Screening for Appropriate Assessment		Data Gathering and Surveying
Stage II	Part 1	Environmental Assessment of Viable Options		Hydrology Study & Hydraulic Modelling
	Part 2	Appropriate Assessment		Site Investigations
Stage III		Environmental Impact Statement		Flood Risk Assessments
Stage IV		Public Exhibition <u>or</u> Part 8 Planning		Flood Risk Management Options
				Cost Benefit Analysis
				Selection of Preferred Option
				Flood Risk Management Plan
			Stage II	Public Exhibition
			Stage III	Detailed Design
			Stage IV	Construction

Your Feedback is Important

Cork County Council 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 Glashaboy Flood Relief Scheme. Time spent communicating your views to Cork County Council 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:

- Completing and returning the attached Questionnaire using the stamped self addressed envelope provided, by 28th March
- Emailing us at glashaboyfrs@arup.com
- Writing to the address below using the stamped and addressed envelope provided, by Friday 28th March 2014
- Website: www.glashaboyfrs.ie

Further Information

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

Ken Leahy
Project Manager
Ove Arup & Partners Ireland Ltd.
15 Oliver Plunkett Street
Cork

Tel: +353 (021) 4277670
Tel: +353 (021) 4272345
Email: glashaboyfrs@arup.com

Outline Delivery Programme

Stage	Description	Key dates
Stage I	Development of a number of flood defence options and the identification of a preferred Scheme	Complete by July 2014
Stage II	Public Exhibition of Scheme	Complete by December 2014
Stage III	Detailed Design, Confirmation and Tender	Complete by September 2015
Stages IV and V	Construction and Handover of the Works	Commence September 2015

Glashaboy River (Glanmire/Sallybrook)
Flood Relief Scheme



ARUP



Public Information Day.....

25th February 2014.....
Glanmire GAA 3pm -7pm.....

Arup, in association with JBA Consulting has been appointed by Cork County Council to undertake the design and implementation of the proposed Glashaboy River (Glanmire/Sallybrook) Flood Relief Scheme.

This is the first public consultation day for the project; its objective is to gather information from the public about their experiences of flooding in the Study Area along with their thoughts on possible solutions to the flooding problem and their preferences in this regard. Local experience, knowledge and insight is an essential pre-requisite for any successful Flood Relief Scheme. We also welcome any thoughts on potential environmental issues within the Study Area, in particular thoughts on constraints with regard to environmental issues and implementation of solutions.

Purpose Of The Project

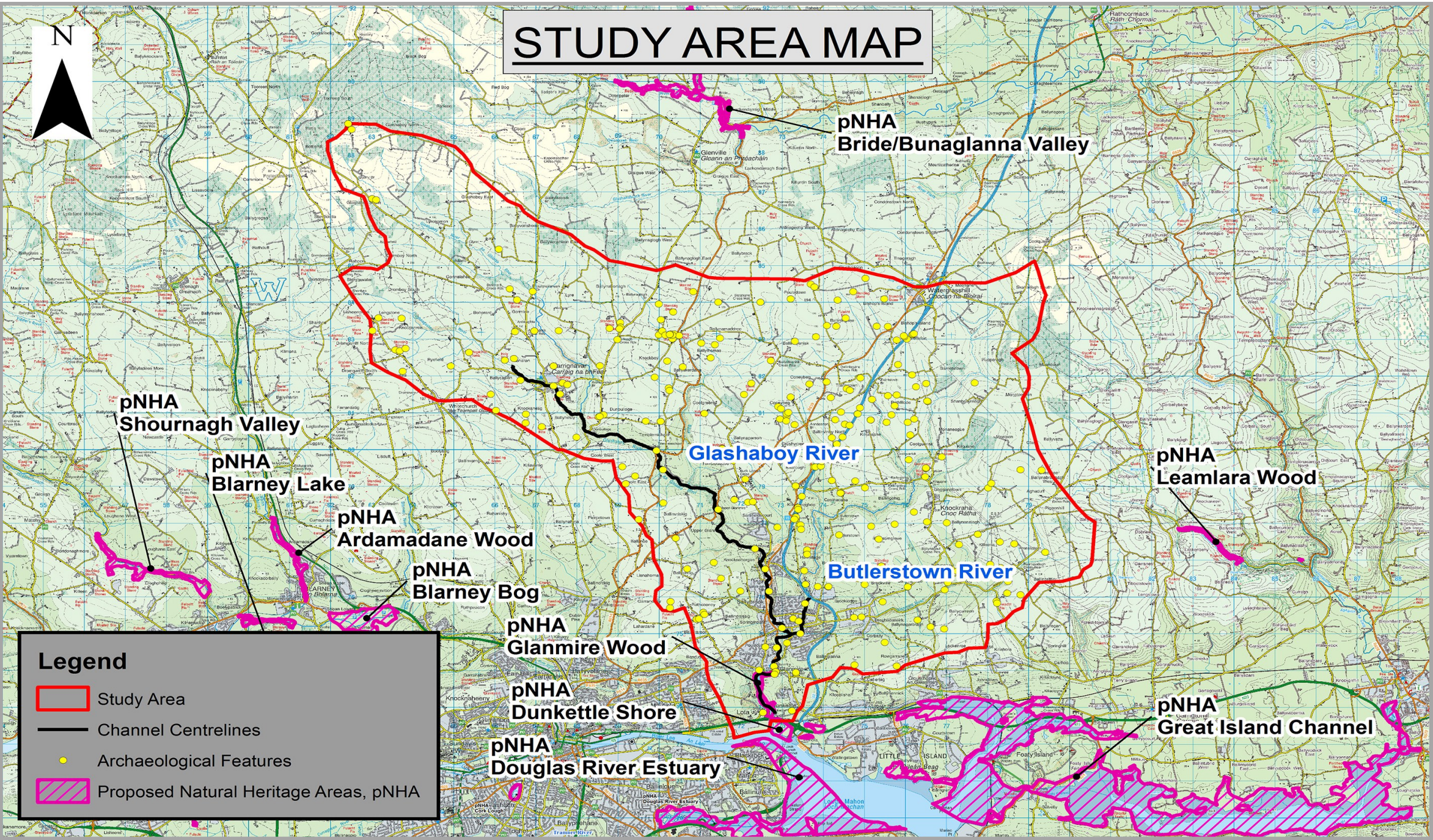
The purpose of the Glashaboy River Flood Relief Scheme is to assess and develop a viable, cost effective and sustainable Flood Relief Scheme to alleviate flooding in Glanmire and Sallybrook.

Current Position

The OPW in partnership with Cork City and Cork County Councils have carried out a Catchment Flood Risk Assessment and Management (CFRAM) Study for the Lee Catchment. The Draft Catchment Flood Risk Management Plan was published in February 2010 and recommended the following for the Glashaboy sub-catchment;

- Review feasibility of Fluvial Flood Forecasting System
- Targeted Public Awareness and Education Campaign
- Individual Property Protection
- Permanent Flood Walls and/or Embankments

As a result Cork County Council, acting as Agents for the OPW has now commissioned this project to develop a Flood Relief Scheme for Glashaboy River (Glanmire/Sallybrook). The Study Area for the project is outlined in red on the map above.



(Flooding in Glanmire June 2012)



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 design and viability of these measures.

Engineering Study

The Engineering Study will assess a range of engineering measures typically considered for possible flood alleviation schemes including, but not limited to those listed in the box to the right. Typically an Engineering Study of this nature may 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 at 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