YOUR OPPORTUNITY TO TAKE PART

An opening Public Consultation Day will be held between **3pm and 7pm on 26th April 2022** at Drogheda Library. The objective of this event is to introduce the project team, display the process for developing the scheme and to gather valuable local knowledge from stakeholders and the public. The Project Team seek views from the public in relation to the key issues that should be addressed in scheme development and points of local importance that may constrain the design of potential flood alleviation measures. This is your opportunity to take part at the early stages of the planning of the Flood Relief Scheme. Your opinion will be appreciated and given full consideration.

Please examine the Constraints Study Area shown overleaf and let your views be known by either attending the Public Consultation Day, completing the enclosed questionnaire, or writing to the address below, giving your comments.

Completed questionnaires may be handed in at the Public Consultation Day event on **26th April 2022**, or posted or emailed to the addresses below. **Deadline for submission of responses is 13th May 2022.**

FURTHER INFORMATION

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

Drogheda & Baltray FRS Project Manager

Project Office: **RPS, 74 Boucher Road, Belfast, BT12 6RZ**

Email: **droghedabaltrayfrs@rpsgroup.com**

Comhairle Contae Lú
Louth County Council

OPW Oifig na nOibreacha Poiblí Office of Public Works

RPS MAKING COMPLEX EASY

DROGHEDA & BALTRAY

FLOOD RELIEF SCHEME

Public Consultation Day

Drogheda Library | 26th April 2022 | 3pm to 7pm

PURPOSE OF THE PROJECT

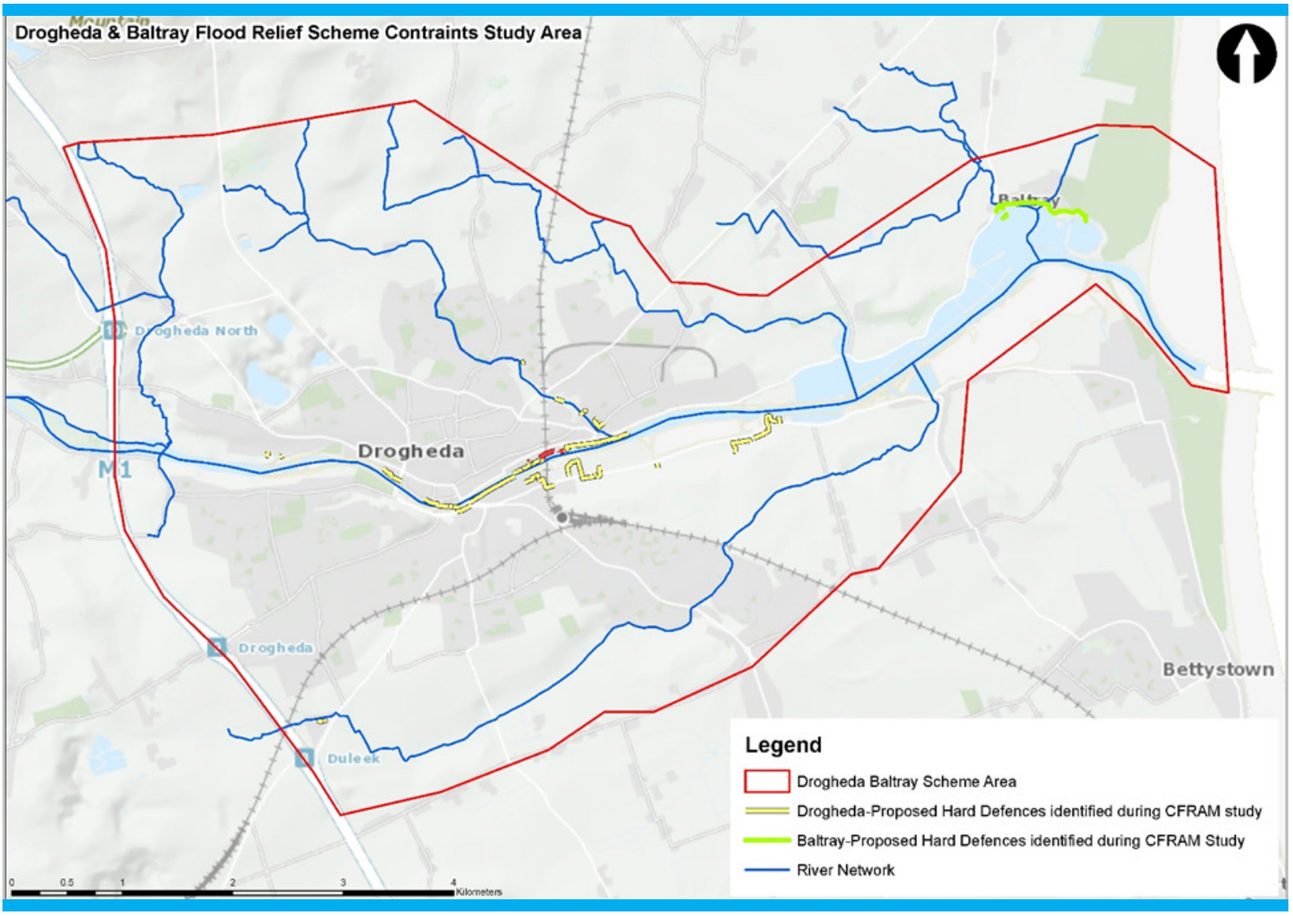
The purpose of this project is to implement a flood relief scheme for Drogheda and Baltray that is technically, socially, environmentally, and economically acceptable, to alleviate the risk of flooding, to a determined "Standard of Protection" and to procure, manage and oversee the construction of that scheme.

Taking into account, but not relying on, the work done and outcomes of the Eastern Catchment Flood Risk Assessment and Management (CFRAM) Study regarding measures proposed in the Flood Risk Management Plan (FRMP) for Drogheda and Baltray, the team will assess and undertake the design of potential options for achieving a scheme to provide robust and sustainable protection against fluvial flooding in Drogheda and Baltray. For more information, see the dedicated Drogheda and Baltray Flood Relief Scheme website at **www.droghedabaltrayfrs.ie.**

CURRENT POSITION

Both towns have a history of serious flooding, the most recent occurring in January 2020 when flooding occurred at high tide following a surge from Storm Brendan, in which Louth County Council activated their severe weather plan. Development of flood relief options will consider the fluvial risk posed by the River Boyne and its tributaries, the element of coastal flood risk and the associated impact of this on flooding in Drogheda and Baltray.

Following on from the Eastern CFRAM Study, the next stage is the development of the Flood Relief Scheme and the preparation of a Constraints Study as part of the Environmental Impact Assessment which will inform the engineering design. The Study Area for the Environmental Constraints Study and CFRAM flood defence proposals are shown on the map below.



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.

ENGINEERING - SCHEME DEVELOPMENT AND DESIGN

Engineering Development and Design is being advanced in parallel with the Environmental Assessment of the Flood Relief Scheme. The range of engineering measures typically considered include but are not limited to those listed in the box on the next page. The Engineering team will revisit the list to ensure the preferred option accounts for all existing and new information emerging since the CFRAM Study. It will be further informed by the Environmental Constraints Study and input from the public.

POTENTIAL FLOOD RELIEF MEASURES

a. **Do nothing (i.e, implement no flood alleviation relief 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 towns)**
i. **Sediment disposition and possible sediment traps.**
j. **Pumping of storm water from behind flood defences.**

WHAT HAPPENS NEXT?

All comments received in writing during the consultation period will be considered by the Project Team in developing the scheme from an environmental and engineering perspective. A subsequent Public Consultation Day will be held to let stakeholders and the public know how their observations, comments and submissions were used within the environmental constraints study and the scheme development process.

The Drogheda and Baltray Flood Relief Scheme will be delivered in the following Stages:

Stage I: Scheme Development and Design

Stage I will involve the collection of all relevant data. Surveys have and will be undertaken and a hydrological and hydraulic analysis of the study area will be carried out. A full cost-benefit analysis of the Scheme will also be undertaken.

Stage II: Planning

Stage II will involve preparation of all documentation required to progress the Scheme through the necessary planning, including public display, and other statutory processes.

Stage III: Detailed Construction Design and Tender

Stage III will involve detailed design, preparation of tender documents and a public competition to appoint a main works contractor.

Stage IV: Construction

Construction will be carried out by a works contractor, under supervision of the consultant, following a public procurement competition. A functioning Scheme will be in place at the end of stage IV.

Stage V: Handover of Works

Commission of the completion certificate. Preparation of a financial analysis report for the project. 'As-Built' surveys, 'As-Built' flood mapping and an updated Climate Change Adaption plan will be prepared.

An indicative program for completion of Stages I to V is shown below. The timescales are subject to change.

	Activity	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Stage 1	Data Collection and Surveys											
	Hydrological Analysis											
	Hydraulic Analysis											
	Scheme analysis & Development											
	Environmental Assessment											
Stage 2	Planning/Development											
Stage 3	Detailed Design of Scheme											
Stage 4	Construction works											
Stage 5	Scheme Operational											