

YOUR OPPORTUNITY TO TAKE PART

Due to the ongoing COVID-19 public health emergency an Opening Public Consultation Day (PCD) will not be held in person. However, Donegal County Council wishes to consider all viewpoints in relation to the Constraints Study Area being examined. This is your opportunity to take part at the early stages of the planning of the Flood Relief Scheme. Time spent communicating your views to Donegal County Council is appreciated.

Please examine the Constraints Study Area shown overleaf and let your views be known by either completing the questionnaire (enclosed and online at: <https://countydonegalfrs.ie/burnfootfrs/index.php/opening-public-consultation>) or writing to the address below, giving your comments. Your opinion will be appreciated and given full consideration.

Completed questionnaires may be completed online:

<https://countydonegalfrs.ie/burnfootfrs/index.php/opening-public-consultation>, posted or emailed to the address below.

Deadline for submission is Monday 21st December 2020

FURTHER INFORMATION

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

Contact Name: Brendan Quigley

Contact Title: Burnfoot FRS Project Manager

Address: Burnfoot Flood Relief Scheme Project Team, RPS, The Enterprise Fund Business Centre, Ballyraine, Letterkenny, Co. Donegal, F92 AF43

Email: Burnfootfrs@rpsgroup.com

The Opening Public Consultation will be open from Monday 9th November 2020 to Monday 21st December 2020. Its objective is to display the process for developing the scheme and to gather valuable local knowledge from stakeholders and the public which is essential in achieving this project objective. In particular, we 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.

COUNTY DONEGAL
FLOOD RELIEF SCHEMES



Tionscadal Éireann
Project Ireland
2040

OPW
Oifig na
nOibreacha Poiblí
Office of Public Works

BURNFOOT FLOOD RELIEF SCHEME

OPENING PUBLIC CONSULTATION

www.countydonegalfrs.ie/burnfootfrs
9th November 2020 – 21st December 2020



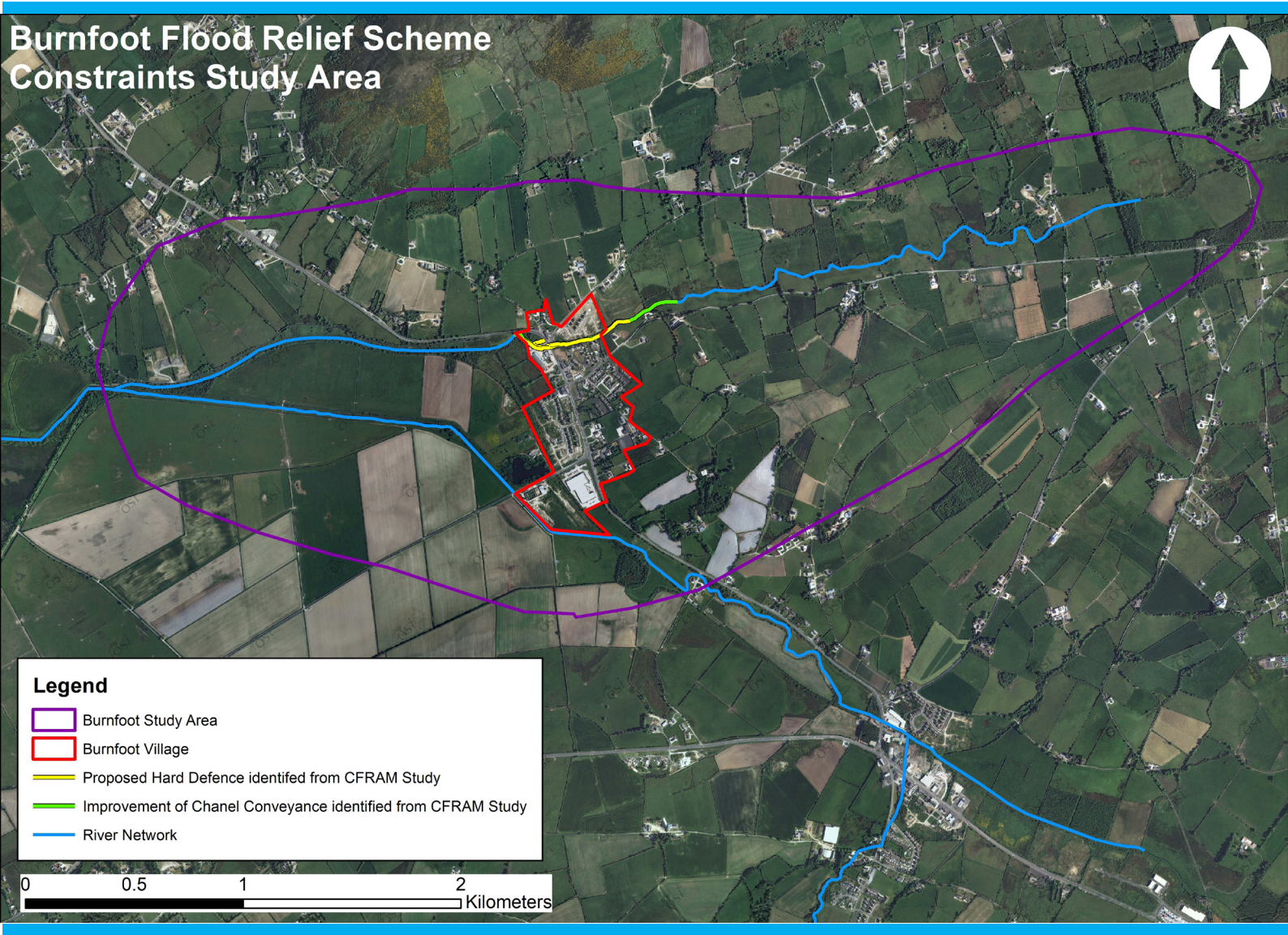
PURPOSE OF THE PROJECT

The purpose of this project is to implement a flood relief scheme for the town of Burnfoot 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 North Western - Neagh Bann Catchment Flood Risk Assessment and Management (CFRAM) Study regarding measures proposed in the Flood Risk Management Plan (FRMP) for Burnfoot, 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 Burnfoot. For more information see the dedicated Burnfoot Flood Relief Scheme website at [‘www.countydonegalfrs.ie/burnfootfrs’](http://www.countydonegalfrs.ie/burnfootfrs)

CURRENT POSITION

Burnfoot has had a history of serious flooding, the most recent significant floods occurring in August 2017. This event was due to a high intensity rainfall event, which resulted in the Burnfoot River exceeding its banks and flood waters extending into the village. Following on from the NWNB 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, Burnfoot Village 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 relief 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 to the right. 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 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. Pumping of storm water from behind Flood Defences

WHAT HAPPENS NEXT?

All comments received in writing or at the Opening Public Consultation portal will be considered by the Project Team in developing the scheme from an environmental and engineering perspective. A subsequent Public Consultation 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 Burnfoot 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. A survey specification will be prepared, tendered and managed 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.

Outline Burnfoot Scheme Programme

	Activity	2020	2021	2022	2023	2024	2025
Stage 1	Data Collection and surveys						
	Hydrological Analysis						
	Hydraulic Analysis						
	Scheme analysis & development						
Stage 2	Planning						
Stage 3	Detailed design of Scheme						
Stage 4	Construction works						
Stage 5	Scheme Operational						