

# Newsletter

## Shannon Town and Environs Flood Relief Scheme



Tionscald Éireann  
Project Ireland  
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**OPW**

Oifig na  
nOibreacha Poiblí  
Office of Public Works



COMHAIRLE CONTAE AN CHLÁIR  
CLARE COUNTY COUNCIL

shannon GROUP



**RPS**



# Newsletter

## Shannon Town and Environs Flood Relief Scheme



### Existing Flood Protection Embankments at estuary

Since the appointment of engineering and environmental consultants for the project in July 2020, the project steering group has been working to ensure that the development of the scheme is based on the most accurate and up to date information.

A number of third-party survey works (Topo Survey, Ground Investigations, CCTV, Flow-Water Level-Rainfall

and Geophysical Survey) have been procured and undertaken over recent months with reporting of the third party survey currently being finalised. These surveys and investigations will be used to support analysis of how the drainage network, rivers/streams and flood defenses react to rainfall and flooding events in the area.

### HYDROLOGY AND HYDRAULIC ANALYSIS

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A hydrological method statement has been prepared and agreed with the steering group. The method statement identified a number of areas where improvements could be made to the CFRAM Hydrological Study and sets out the approach to the hydrological analysis to be followed for the scheme. This includes the development of an integrated hydrologic/hydraulic model using InfoWorks ICM modelling software.

Construction of the hydraulic model is underway and will be finalised following receipt of the remaining survey information.

### CONSTRAINTS STUDY

An Environmental Constraints Study has been completed by RPS and reviewed by the Steering Group. The study assessed all constraints relating to a range of environmental aspects as required by the relevant Environmental Directives and Legislation. Information to inform this study was gathered through field surveys and local stakeholder consultation. Further environmental surveys are ongoing.

### IMPACT OF COVID-19

The Shannon FRS Steering Group (comprising RPS, OPW, Clare County Council and Shannon Group) have continued to meet via video conferencing facilities in order to comply with government guidance during the COVID-19 pandemic.

There were some delays to the third-party surveys as a result of the COVID 19 outbreak. The contractors followed the latest government health and safety guidance in relation to COVID19 whilst undertaking the survey.



### OPENING PUBLIC CONSULTATION DAY

The **Opening Public Consultation Day (PCD)** commenced on 18<sup>th</sup> June 2021. Due to the Covid 19 restriction in place at the time the event was held virtually on the scheme website ([www.shannontownandenvironsfrs.com](http://www.shannontownandenvironsfrs.com)) for a number of weeks, in the form of a virtual room. The purpose of the event was to offer interested parties the opportunity to offer their views on how the scheme should progress given the existing environmental constraints identified.



#### Virtual Consultation Room Welcome Table

The event was advertised in the Clare Champion Newspaper and on Clare FM radio station, in the week leading up to and during the consultation.



#### Information Boards

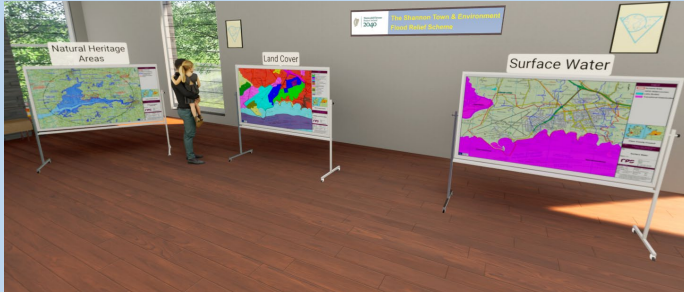
The format of the event was centred around the presentation of a number of information boards. These boards displayed the following;

- Scheme Area,

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- Sites and Monuments,
- European Sites within the Zone of Influence,
- Natural Heritage Areas,
- Land Cover, and;
- Surface Waterbodies within scheme area.



### Information Boards

There was opportunity for members of the public to submit comments online or to request a meeting with the project team.

**Data Collection:** Data Collection is substantially complete. The project team are interested in receiving photos, videos, sketches or any other relevant information regarding previous flood events. This information will help us to refine our river model and

the design of the flood relief scheme. If you have any information which could be of use, please contact us.

**Hydraulic Analysis:** Following completion of the Hydraulic model build the model will be calibrated and validated using data from the flow monitoring programme to ensure that it provides an accurate representation of the flooding mechanisms. It will then be used to assess and compare various engineering options to reduce the flood risk in Shannon.

**Environmental Assessment:** Further ecological survey work will be conducted during 2022 particularly for wintering birds.

**Scheme Analysis and Development:** Following completion of the Hydraulic report the project team will begin the scheme analysis and development process where potential options will be assessed in conjunction with the Environmental team with the ultimate aim to identify a preferred scheme for Shannon. Information from the Ground Investigation contract will be utilized to develop proposed embankment details.

## Outline Project Programme

Stages	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Stage I: Option Assessment, Scheme Development and Design											
Stage II: Planning/Development Consent Process											
Stage III: Detailed Construction Design and Tender											
Stage IV: Construction											
Stage V: Handover of Works											
Planned activities (Subject to Change)											
Progress to date											

### Contact us:

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