

# Newsletter

## Limerick City & Environs Flood Relief Scheme



**OPW**

Oifig na  
nOibreacha Poiblí  
Office of Public Works



Comhairle Cathrach  
& Contae **Luimnigh**

**Limerick City  
& County Council**



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### What stage is the project at?

The Limerick City & Environs Flood Relief Scheme (LFRS) is currently at Stage 1 of the project. This stage is where potential flood defence designs are identified and considered, to develop the best flood defence options for the area.

Since the last newsletter, the project team has continued with the hydraulic analysis of the scheme area, with a focus on evaluating critical design water levels. This will identify flood mechanisms and extents and will also inform the flood defence options for the scheme.

### Current Progress

The project team has continued to progress the hydraulic modelling for the scheme. The model is currently undergoing calibration by utilising available historic flood information. The finalisation of water levels for design flood events and the associated flooding mechanisms and flood extents is currently being assessed. The output from the hydraulic model in its current state will be used to develop the initial suite of possible flood defence options for the scheme. Initial consideration of options to address flooding is ongoing. A key element of this consideration is an ongoing detailed technical evaluation of the existing flood defence embankments.

The optioneering process for the scheme will include technical analysis to identify the most appropriate solution for the management of flooding. In addition, adaptation requirements to account for implications of climate change will also be considered. Identified viable options will be presented at the next Public Consultation Day for the project.

Various engineering and environmental surveys have been undertaken to inform the scheme design and evaluation. These include detailed ecological surveys and invasive species treatment, visual inspection of culverts and extensive topographical surveys. The data from an extensive geotechnical investigation contract completed earlier this year is being analysed. Further environmental and ground investigations are currently being procured to assist with the design and assessment of defence options. These surveys and investigations are anticipated to commence early/mid 2024.

### Public Consultation Day 2

A second Public Consultation Day is scheduled occur later in 2024. The aim of this event will be to inform the public and stakeholders of the progress made since the project began and to outline and present the suite of potential flood relief options that have been developed to alleviate flooding within the Limerick City & Environs Scheme Area.



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