



Oifig na mOibreacha Poiblí
Office of Public Works



Rialtas
na hÉireann
Government
of Ireland

Tionscadal Éireann
Project Ireland
2040



Cavan Town Flood Relief Scheme



Newsletter 11 October 2025

IN THIS ISSUE

This issue of the Cavan Town Flood Relief Scheme Newsletter describes the progress which has been made in the development of the scheme covers the preceding months from the beginning of July 2025 to the end of October 2025. Previous Newsletters are accessible on the Project Website.

Surveys, Hydrology, Hydraulic Modelling

A summary of the various items of work which have been progressed recently as part of the flood relief scheme.

Page 2

Environmental Work & Optioneering

A summary of the progress which has been made during the last reporting period in relation to environmental work

Page 3

What's Next?

Outlines future works that will be carried out.

Page 4

Surveys

Site Investigations

As described in the previous newsletter (June 2025), a specialist ground investigation contractor has been appointed to carry out ground investigations as part of the flood relief scheme. In the last reporting period, the design team have revised the ground investigation scope of works to account for recent project progress and updated hydraulic modelling.

The new ground investigations scope consists of 17 boreholes, 12 trial pits and 1 slit trench. Borehole and trial pit locations were refined to benefit the scheme. Additional areas where ground investigation works will be carried out include Breffni Park and at the river bank walls near River Street. On-Site works are anticipated to commence in the fourth quarter of 2025.

All private landowners who will be impacted by the ground investigation works will be notified in advance so that the location and timing of the works can be agreed so as to minimise the impact the ground investigation works will have on the landowners.

Additional Surveys

Additional building threshold and level data has been collected from around the scheme area to inform the flood risk and optioneering process.

Hydrology & Hydraulic Modelling

Hydrology

The flood relief scheme (FRS) draft Hydrology Report was prepared in August 2024. The report has recently been updated following review by Cavan County Council and OPW. The updated report was re-issued in September 2025.

Hydraulic Modelling

The first draft of the Cavan Town FRS Baseline Hydraulic Modelling Report was issued for client review during September 2025.

The baseline hydraulic modelling report summarises the data which has been used to produce the scheme's hydraulic model including information in relation to the review of historic flood events within the Cavan Town catchment, the analysis of river flows within the catchment as well as rainfall data, assessment of water levels and other information which is vital to the design of a flood relief scheme

The baseline hydraulic report is currently being reviewed by the client's project team. Once the baseline Hydraulic Model and Report are approved, Ayesa's project team will use the model to assess various flood relief scheme options to identify the best flood relief scheme for Cavan Town with respect to technical effectiveness, environmental impact, social impact and economic requirements.



River Street river bank walls

Environmental Work

Invasive Alien Species Treatment

The Invasive Alien Species (IAS) Treatment specialist completed the Autumn treatment works in September 2025. This concludes the IAS Treatment works for 2025.

Invasive species such as Japanese Knotweed have been identified and treated in various locations relevant to the flood relief scheme since treatment works began in 2023. Herbicidal treatment methods have been used to reduce the volumes of IAS in areas where flood relief works potentially may be undertaken.

Additional Environmental Surveys

Environmental assessments for Landscape and Cultural Heritage have been identified to be undertaken once the scheme optioneering has developed further. Additional environmental surveys relating to Air Quality and Noise will also be carried out to inform an Environmental Impact Assessment. These will be progressed once the preferred option has been identified.

The requirement for additional environmental and ecological surveys will be reviewed over the coming months as the options development progresses.

Options Development

The project team have begun the options development phase of the Cavan Town FRS. The initial phase involves the review of all potential flood relief measures to identify a list of potential viable measures which could be implemented in Cavan Town to provide the required level of flood protection.

Hydraulic modelling will be carried out in the coming months to assess the effectiveness of different flood defence measures. Measures included for consideration include flood defence walls, embankments and the provision of upstream storage areas.

The various measures will be assessed in relation to their technical, social, environmental and economic benefits to identify the best flood defence scheme to be implemented.



What's Next?

Most of the current project activities will continue over the next few months, including, but not limited to the following:

- ➔ Ground Investigation On-Site Commencement.
- ➔ Approval of baseline hydraulics
- ➔ Progress Optioneering

CAVAN TOWN FLOOD RELIEF SCHEME



Contact Us

If you would like to contact our Project Team about any matter relating to the Cavan Town Flood Relief Scheme you can do so through the following:

Email

CavanTownFRS@Ayesa.com

Post

Project Manager: Cavan Town FRS
Ayesa
Building 2100
Cork Airport Business Park
Kinsale Road
Cork, T12 KV8R

Phone

+353 (0) 21 240 7988

If you would like any further information on the Scheme, please visit our website:

<https://www.floodinfo.ie/frs/en/cavan-town/home/>