



Arklow Flood Relief Scheme

Newsletter 02 – June 2024

Project Overview

The Arklow Flood Relief Scheme has progressed steadily since the previous newsletter was issued in May 2024. The aspects of the scheme which have been prioritised and progressed include – data collection, topographical survey works, environmental surveys and site investigation tender procurement.

In this issue:

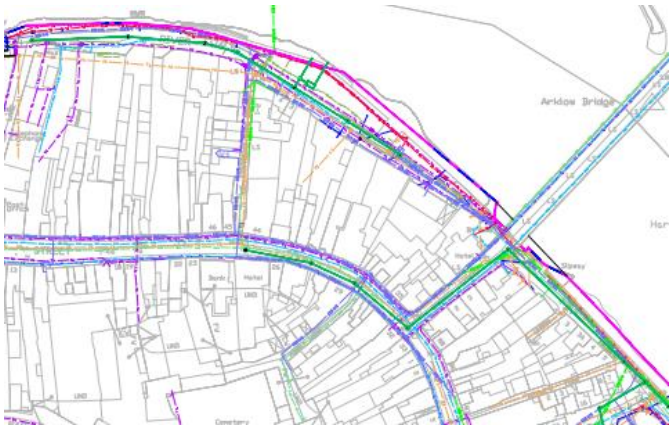
- Updated progress on surveys & ground investigations.
- Collaboration with Uisce Éireann.
- Appointment of a valuer for CPO's.
- Project Programme.
- Proposed Scheme.
- What's Next



Project Progress

Data collection

The initial collection of existing relevant data has now been completed. The data collected includes records of previous flooding events, records of infrastructure from utility service providers and scheme area mapping results of previous surveys which have been undertaken. Such data is being used to inform the detailed designs of the flood relief scheme.



Utilities in Arklow



Avoca River downstream of the nineteen arches bridge

Hydraulic & Hydrology modelling

Initial hydraulic and hydrology models used for the planning designs of Arklow flood relief scheme are being reviewed and updated as required.

This will aid in creating detailed designs for the flood scheme, assist in planning channel dredging works and assess the schemes adaptability to future climate change scenarios. This work will continue over the next 8-10 months.

Topographical & Utility Surveys

Following a public procurement process, Surveyors have been appointed to perform the topographical, utility and ground penetrating radar surveys for the Arklow Flood Relief Scheme. Teams of surveyors are performing surveys to determine changes in elevation, terrains, contours, boundaries and obstructions to allow detailed design to be carried out.



Arklow drone imagery from the North side of the Avoca River

Ground Investigations

A contract has been awarded to complete ground investigations and advance access works following a public procurement process. The works include investigations within the Marsh area and the streets of Arklow. The contractor will also set up a permanent controlled access to the Marsh area along Dublin Road. The public can expect to see ground investigations works within the streets of Arklow in late July, all necessary traffic management will be set up as required. These investigation works are expected to last up to 3 months.

Collaboration with Uisce Éireann

The Arklow flood relief scheme project team is actively meeting and collaborating with Uisce Éireann’s ongoing wastewater treatment plant project team to share information relevant to both projects.

ESB

Project Teams from Arklow FRS and ESB have met onsite to discuss diversion of electrical cables that will be required to facilitate the construction of the scheme.



ESB overhead electrical cables to be diverted in the scheme

Archaeological Investigations

A campaign of Archaeological Testing and monitoring is to begin alongside the site investigation contract to resolve and identify any artifacts or sites that will be impacted by the works. Two assessments are ongoing: a terrestrial based testing and an underwater assessment. All works are being undertaken in coordination and under licence from the National Monuments Service.



Overview of the Marsh

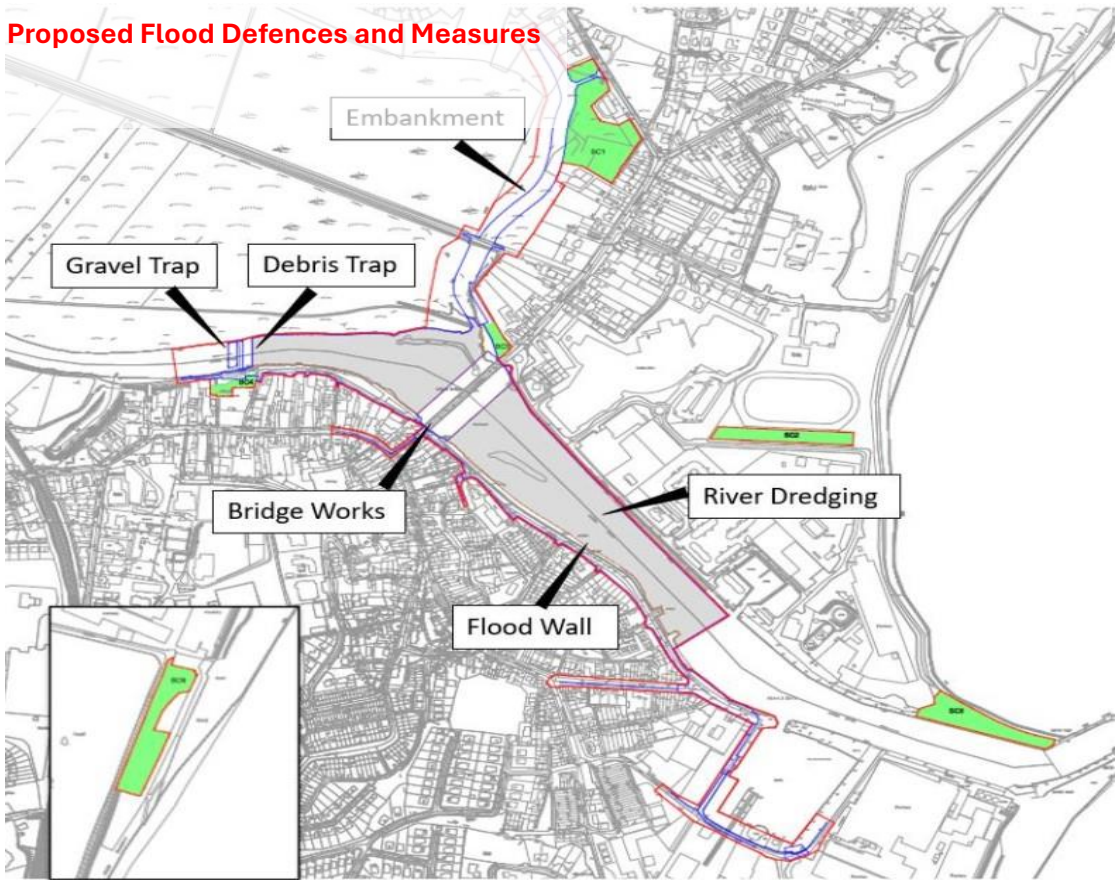
Programme

The scheme will be implemented in three different stages. Stage 3 commenced in January 2024. The figure below shows the initial programme for the three stages as briefly described below:

- Stage 3 – Detailed Construction Design and Tender.
- Stage 4 – Construction.
- Stage 5 – Handover of Work.

| | | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---------|---|------|------|------|------|------|------|------|------|------|
| Stage 3 | Detailed Construction Design and Tender | | | | | | | | | |
| Stage 4 | Construction Supervision | | | | | | | | | |
| Stage 5 | Handover of Works | | | | | | | | | |

Proposed Scheme Development



Proposed flood defences and site compounds in Arklow

Compulsory Purchase Orders (CPO)

The team are currently engaging with landowners as part of the ongoing CPO process, this will include receipt of claims and the valuation of lands. Avison Young have been appointed to assist Wicklow County Council with this process.

What's Next

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

- Ground / Archaeological Investigations to begin.
- Topographical/ Ground Penetrating Radar surveys to be completed.
- Environmental Surveys to continue.
- Detail designs to be informed by survey findings.
- Stakeholder Engagement.
- Engagement with authority bodies for the diversion of utilities located in the site.



Contact Us

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

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

<https://www.floodinfo.ie/frs/en/arklow/home/>