



Arklow Flood Relief Scheme

Newsletter 06 – June 2025

Project Overview

The Arklow Flood Relief Scheme has progressed steadily since the previous newsletter was issued in March 2025. The scheme has seen advancements in surveying, hydrology and hydraulic modelling, archaeological Investigations, utility diversions, environmental inputs, bridge remediation specifications and detailed scheme designs.

In this issue:

- Diversions of utilities within the scheme.
- Hydrology/Hydraulics review of the scheme.
- Updated progress on Archaeological Investigations.
- Environmental Updates.
- Bridge Remediation.
- Project Programme.
- Detailed Designs.
- What's Next.



Project Progress

Utility Diversions

Utility diversions across the project area have been coordinated with the relevant utility providers. The project team is currently working with ESB Networks to divert overhead electrical cables in the marsh and to underground power lines, helping to facilitate the installation of the new infrastructure.

Hydraulic & Hydrology Modelling

Updated design flood levels from the hydrological modelling review have been used to advance the detailed design of the marsh embankment and flood walls throughout the scheme. The hydraulic modelling review is still ongoing and will be followed by modelling the bunding sequence at the bridge to support the development of the construction methodology.

Environmental Updates

Ongoing water quality monitoring of the Avoca Watercourse is being conducted to understand the baseline condition of the river. Water quality will be monitored throughout the scheme’s construction.

The project team is considering measures to enhance biodiversity and mitigate environmental impacts on rare plants and mammals throughout the scheme.

Bridge Remediation

The project team has conducted a field condition survey of the Nineteen arches bridge. Any deteriorations requiring repair work have been identified and the necessary methodologies developed. This will be undertaken in conjunction with the underpinning of the bridge at the start of the construction stage. The remediation specifications are being reviewed by the project team.



Condition Survey of Nineteen Arches Bridge.



Section of shipwreck subject to archaeological investigations.

Archaeological Investigations

A tender has been awarded for the investigations and testing works of archaeologically significant items in the Avoca watercourse that were identified during the dive surveys.

The methodology for these investigations has been developed with guidance of National Monument Services (NMS) and National Museum of Ireland (NMI). The investigations are expected to take one month and begin in Summer 2025.

Detailed Designs

The following items are in various stages of detailed design:

- The underpinning design of the Nineteen Arches Bridge is near completion with designs being reviewed.
- The design of the marsh embankment is ongoing.
- Flood walls along the scheme area are ongoing.
- The design of stormwater pumping stations behind the flood defence walls will follow the completion of the stormwater piping design which is ongoing.
- Layouts of the Public Realm are ongoing.

Project Programme

The scheme is being implemented in three different stages. Stage 3 commenced in January 2024 with a view to begin construction stage in Q2 2026. The figure below shows the project programme for the three stages as briefly described below:

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

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

What's Next

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

- Archaeological Investigations to continue.
- Environmental Surveys to continue.
- Detail Design to be progressed
- Stakeholder Engagement.
- Continued engagement with Utility Providers.
- Water Quality Monitoring to continue.
- Technical Workshops to discuss the Buildability, Operation and Maintenance of the scheme.



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/>