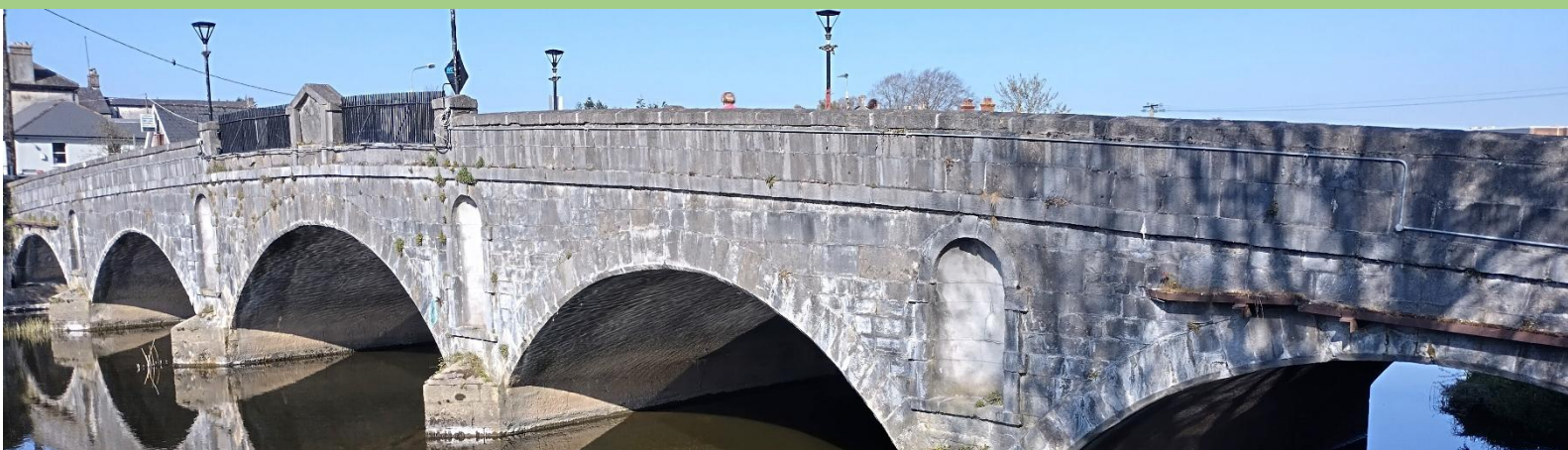


**OPW**

Oifig na  
nOibreacha Poiblí  
Office of Public Works

Tionscadal Éireann  
Project Ireland  
**2040**

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## PROGRESS TO DATE

### *Ground Investigation*

Preliminary Ground investigation (GI) began at Ardscoil na Tríonóide over the Easter school-break, and was completed on-site across various locations within Athy by the end of May. The purpose of preliminary GI is to identify any underground issues that could affect the design and construction of flood relief measures. This includes information on underlying ground conditions, existing utilities, etc., The works consisted of slit-trenching, trial pits, and boreholes.

### *Environmental Surveys*

Environmental Surveys have been ongoing throughout the Spring and Summer. This includes detailed habitat survey to identify the potential for Annexed or rare habitats, and additional detailed surveys for Bats, Otter, Birds and aquatic species across the proposed scheme area.

### *Hydrological Analysis & Hydraulic Modelling*

Detailed hydrology and hydraulic modeling of baseline conditions for the River Barrow, Bennet's Stream, and the Moneen River has been completed in recent months. The flood model was calibrated and validated against historical flood events to ensure accurate simulation of floodwater movement through Athy. Using these results, the development of options for effective flood defenses is currently ongoing, aiming to better protect homes and businesses and reduce flood risks in the community.



**Flood Model Output compared to Observed Flooding from November 2009**

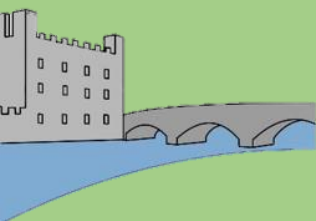
### *Natural Water Retention Measures*

RPS completed a feasibility assessment of potential Natural Water Retention Measures (NWRM) to contribute to flood reduction in the scheme area. NWRMs are valuable for managing flood risks and improving water quality by using natural processes to slow, store, and filter water. They include wetlands, reforested areas, and restored floodplains that absorb rainfall and reduce runoff, easing pressure on rivers and drainage systems. Where feasible, these measures can provide cost-effective, sustainable flood protection while also benefiting communities and the environment.

### *Option Assessment and Development*

Based on the GI and environmental surveys, Athy's cultural heritage, and flood modelling, potential flood measures are now being developed for the FRS.





## NEXT STEPS

### Public Participation

Several Public Consultation Events and Stakeholders Workshops are to be held over the duration of the project.

Kildare County Council would now like to invite input from members of the public and relevant stakeholders in Athy to help progress towards a preferred option. An upcoming Public Participation Day will provide a chance to view the proposed flood mitigation measures and raise issues, constraints or suggestions which will help inform the scheme design.

**The Public Participation Day will be held in the Athy Library on 24<sup>th</sup> of July 2025.**

### Preferred Option Selection:

Following the upcoming Public Participation Day, the shortlist of potential options will be refined to identify an emerging Preferred Option to take through to planning and construction. A 3<sup>rd</sup> Public Participation Day in late 2025/early 2026 will provide further opportunity for the public to review and comment on the proposed scheme prior to seeking the relevant planning approvals.

## Further Environmental Surveys

The ongoing environmental surveys will continue through summer 2025 and into winter 25/26.

## HOW TO GET INVOLVED

Information regarding past and upcoming events can also be found under *Project Information* on the Athy Flood Relief Scheme Website at <https://www.floodinfo.ie/frs/en/athy/home>

## CONTACT US

If you would like to contact us regarding this project, a member of our team would be happy to speak with you.

We can be reached via email at



[athyfrs@rpsgroup.com](mailto:athyfrs@rpsgroup.com)

or by post at:



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## PROGRAMME:

