

## Background, Timeline and Public Consultation Process

### INTRODUCTION

Tipperary County Council (TCC), as the Lead Authority, in partnership with the Office of Public Works (OPW), are now advancing with the Ballina-Killaloe Flood Relief Scheme, which forms part of the Tipperary Bundle 2 Flood Relief Scheme. Tipperary County Council have commissioned Ayesa (formerly ByrneLooby) to develop and implement a Flood Relief Scheme for Ballina-Killaloe. The OPW is funding the project.

### DESIGN STANDARD

The design Standard of Protection (SoP) sought for the Ballina-Killaloe Flood Relief Scheme (FRS) is the 1% annual exceedance probability (AEP) return period including an allowance for climate change (the mid-range future scenario (MRFS)). The 1% AEP MRFS design standard is being adopted due to the culverted nature of the existing and proposed arrangements which would make future improvements to the scheme difficult.

### PUBLIC CONSULTATION

The first Public Engagement Event (PEE) was held online from November 8<sup>th</sup> – December 6<sup>th</sup> 2021. The objective was to make stakeholders and the public aware of the project, to provide an opportunity for early engagement and to get feedback on the flooding, environmental and other issues that concerned them.

### OPTIONS SELECTION

Baseline hydraulic modelling to define the risk was completed after PEE No.1 and then an optioned development stage was carried out. Options were assessed under the following criteria:

- Technical
- Economic
- Social
- Environmental

The emerging preferred option, which is being prepared for statutory approval, is OPTION 3 – Diversion of the Drumbane River through proposed culverts and open channel sections. The following posters present the detail of this preferred option.

### STAGES & TIMELINES

The diagram below outlines the steps in Stages 1-2 that lead up to the statutory approval for the scheme. Once this is obtained, the detailed design will begin, and a construction contractor will then be procured to build the scheme. The timeline for the entire project is also shown below.

	2021	2022	2023	2024	2025	2026	2027	2028	2029
Stage 1	Scheme Assessment, Development and Design								
Stage 2	Planning/ Development Consent								
Stage 3	Detailed Construction Design and Tender								
Stage 4	Construction Supervision								
Stage 5	Handover of Works								



### SCHEME AREA

As per the scheme area figure, both Ballina and Killaloe are included within the scheme. A flood risk assessment (FRA) was completed for the scheme area which included a review of all properties in Killaloe and Ballina. The conclusion of the FRA was that the buildings in Killaloe were not within the 1% AEP flood extent. Based on this, no work is required in Killaloe as part of this FRS.

