

Newsletter

Ballina Flood Relief Scheme



Tionscaldal Éireann
Project Ireland
2040



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Comhairle Contae Mhaigh Eo
Mayo County Council

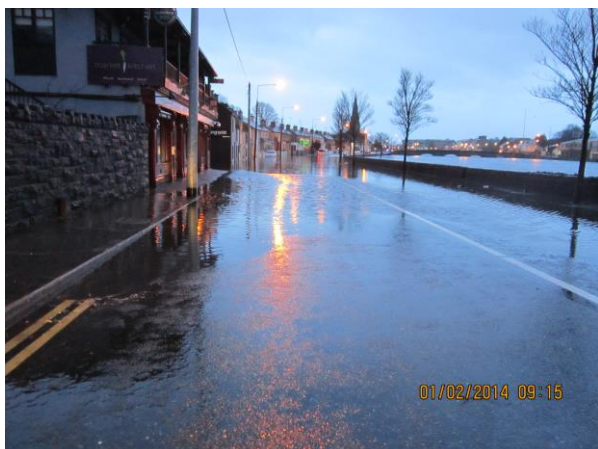


OPW Oifig na nOibreacha Poiblí
Office of Public Works



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Ballina Flood Relief Scheme



Flooding at Clare Street (February 2014)



Flooding at Bachelors Walk (February 2014)

Scheme Background

Ballina Town has a long history of flooding. The River Moy at Ballina is tidally influenced, because of its close proximity to Killala Bay. The main sources of flooding at Ballina are high water levels in the River Moy, inadequate conveyance capacities of the smaller stream channels and associated culverts along with their limited discharge capacities into the River Moy during high water levels. Recent notable floods during which extensive flooding occurred in the town are the October 1989, November 2009, January 2014 and December 2015 flood events. Properties located on Bachelor's Walk, Arbuckle Row and Clare Street suffered extensive flood damage during the January 2014 and December 2015 flood events.

Due to its past frequent flooding, Ballina Town and its low-lying environs were identified as an Area of Further Assessment (AFA) under the OPW CFRAM - Preliminary Flood Risk Assessment (PFRA) Study (2012). Subsequently, a further detailed assessment was carried out in this AFA under the Western CFRAM Study in 2016. In this study, a number of potential flood relief/protection measures were identified, assessed to be viable and effective to reduce flooding for the vulnerable properties located in Ballina Town (UoM 34 Moy – Killable Bay). The identified measures mainly include: (i) Construction of new 1.4km flood defence walls/embankments (0.6m to 1.2m high) and (ii) Improvement of existing culvert/urban storm water drainage capacities within the town.

In February 2020, the OPW in partnership with Mayo County Council, appointed RPS to assess, develop and design a detailed viable, cost-effective and environmentally sustainable flood relief scheme for Ballina. The process will be carried out in five stages (see overleaf) including finalising the scheme through:

- A.** Further public and stakeholder engagement/consultation,
- B.** Obtaining planning approval,
- C.** Carrying out detailed design,
- D.** Tender procurement and providing construction administration & project management services.
- E.** Handover

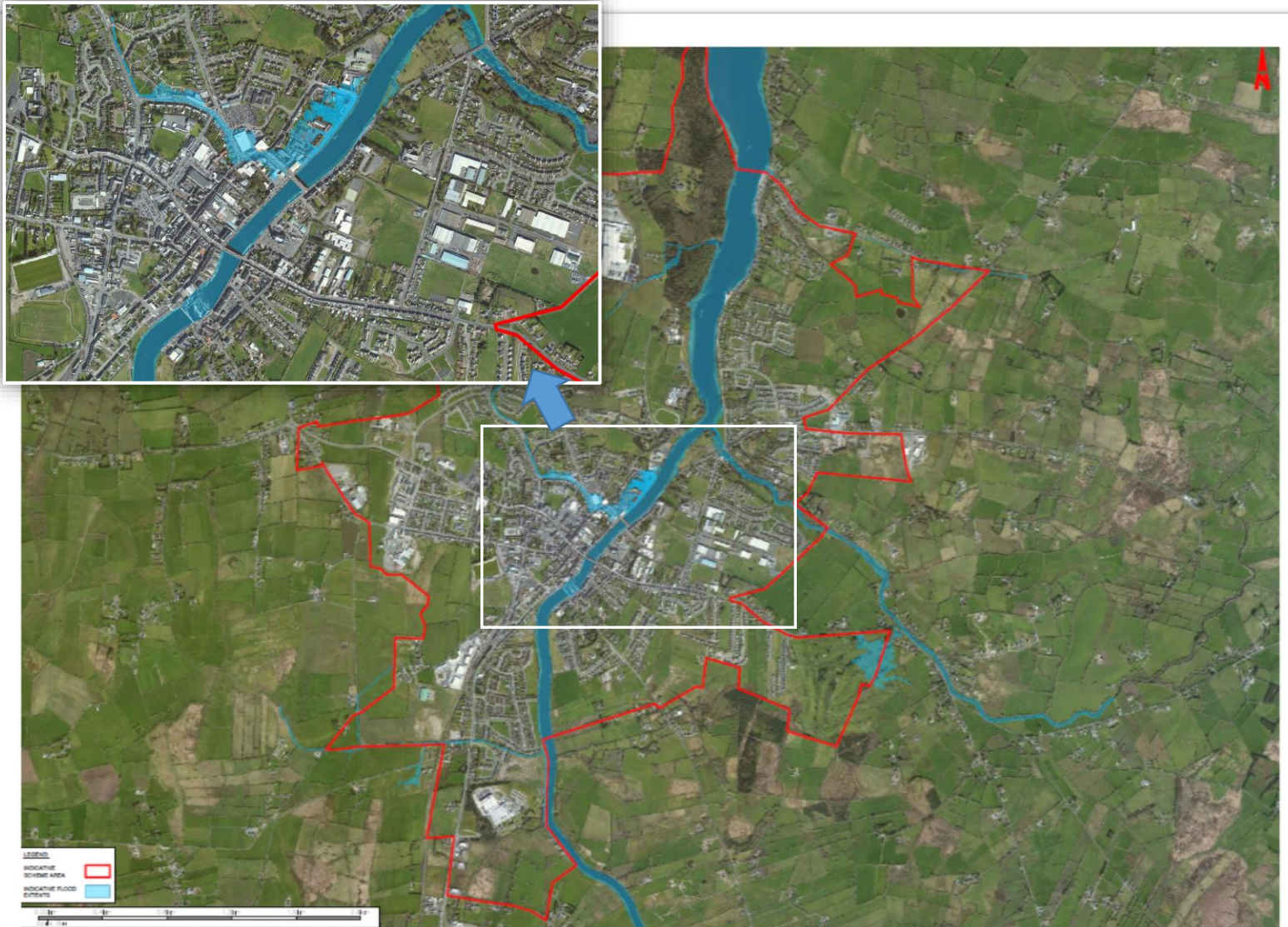
The proposed works will be designed to suit to the local context and to be fully compliant with all relevant environmental legislation.

Scheme Area

The objective of this project is to alleviate the risk of flooding to the properties (commercial and residential) located along the banks of the River Moy and the Knockanelo River. Refer to the map overleaf for the extent of the proposed scheme area.

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Ballina Flood Relief Scheme



Ballina Flood Relief Scheme area

Flood Relief Scheme Stages

Stage I: Option Assessment, Scheme Development and Design

- Data Gathering /Topographical Survey
- Hydrological Analysis & Hydraulic Modelling
- Option Assessments & Preferred Option Selection
- Environmental Assessment (EIAR)

Stage II: Planning / Development Consent

Stage III: Detailed Construction Design and Tender

Stage IV: Construction Supervision and Project Management

Stage V: Handover

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Outline Project Programme

Stage	2020	2021	2022	2023	2024	2025	2026
Stage I:	 						
Stage II:							
Stage III:							
Stage IV:							
Stage V:							

 Programmed activities  Progress to date

Note: Timelines are the current best estimate but are subject to revision and approval

Progress to date

- Project Programme Finalisation
- Project Risk / Hazard Identification
- Data Gap Analysis
- Survey Procurement Document Preparation (ongoing)
- Desktop Environmental Constraint Study (ongoing)
- Hydrological Analysis Ongoing

What happens next?

- Public Consultation Event
- Undertaking Survey Contracts
- Environmental Surveys

Contact us:

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