

CONTACT US

You can keep in touch with the project through our website where we will be posting updates on progress and details of works that are ongoing. For further enquiries feel free to contact us via email or post at:

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RELEVANT LINKS

Website: <https://countydonegalfrs.ie/downingsfrs/>

COUNTY DONEGAL
FLOOD RELIEF SCHEMES



Tionscaldal Éireann
Project Ireland
2040

OPW
Oifig na
nOibreacha Poiblí
Office of Public Works

NA DÚNAIBH

Flood Relief Scheme

Newsletter No.12
October 2023

<https://countydonegalfrs.ie/downingsfrs>



WHAT STAGE IS THE PROJECT AT?

The Project Team has identified the Preferred Scheme for Na Dúnaibh in conjunction with the Steering Group. The Preferred Scheme is to provide a 1 in 100 year return period Mid-Range Future Scenario Standard of Protection (SoP) against the fluvial (Rosapenna Stream) flood risk and a 1 in 200 year return period Mid-Range Future Scenario Standard of Protection (SoP) against the coastal flood risk mechanisms (tide, storm surge and wave overtopping).

The Project Team has drafted the Climate Change Adaptation Plan for the Na Dúnaibh FRS and it has confirmed the case for the scheme being designed and constructed to the Mid-Range Future Scenario from the outset. The Mid-Range Future Scenario refers to the year 2100 and the expected changes to flood risk because of climate change (sea level rise and increased rainfall) and other catchment changes (future urbanisation of the catchment).

The scheme consists of upgrades to four existing culverts along Ocean View Road. Flood walls are proposed along the Rosapenna Stream, both upstream and downstream of the R248 (Main Street). The total length required is approximately 538m, with an average height of flood walls of 0.75m above existing ground level. These walls will protect from flooding, and also prevent the banks of the Rosapenna Stream from collapsing and blocking the channel.

Details of the Preferred Scheme are available on the Na Dúnaibh FRS Project website at:

<https://countydonesalfrs.ie/downingsfrs/index.php/public-information-day/>

GROUND INVESTIGATION

The Ground Investigation to support the outline (Planning) design of the scheme is largely complete. RPS have reviewed the draft deliverables and are liaising with the contractor to get these finalised.

RPS have developed a specification for the additional topographical survey that is required to support the design of the Scheme. This will be procured shortly.

ENVIRONMENTAL ASSESSMENT

The preferred scheme for Na Dúnaibh is a sub-threshold development in the context of Environmental Impact Assessment (EIA) development. 'Sub-threshold development' comprises development of a type that is included in Part 2 of Schedule 5 of the Planning and Development Regulations 2001 (as amended), but which does not equal or exceed a quantity, area or other limit (the threshold) for which an EIA is mandatory. A screening determination by Donegal County Council will be required in accordance with Schedule 7 of the Regulations to establish whether the proposed 'sub-threshold development' at Na Dúnaibh would give rise to likely significant effects on the environment (requiring an EIA). The information required in Schedule 7A of the Regulations to allow this determination is currently under preparation and will be used to inform the EIA Screening. The FRS will also be subject to screening for Appropriate Assessment under the Habitats Directive given the proximity to the Sheephaven Bay Special Area of Conservation (SAC) and the Horn Head to Fanad Head Special Protection Area (SPA).

OUTLINE SCHEME PROGRAMME

	Activity	2020	2021	2022	2023	2024	2025	2026
Stage 1	Data Collection and surveys	█						
	Hydrological Analysis		█					
	Hydraulic Analysis		█					
	Scheme analysis & development		█	█	█	█		
Stage 2	Planning					█		
Stage 3	Detailed design of Scheme						█	
Stage 4	Construction works							█
Stage 5	Scheme Operational							█

Timelines provided as current best estimate but are subject to revision.

NEXT STEPS

Stage I will be ongoing throughout the remainder of 2023. Following approval of Stage I of the Flood Relief Scheme, the Project will move to Stage II Planning, where permission will be sought from the relevant Planning Authority.