

Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

In association with _____



OPW

Oifig na nGbreacha Poiblí
Office of Public Works



Tionscadal Éireann
Project Ireland
2040

BYRNE LOOBY

River Dodder Flood Alleviation Scheme - Phase 3

Newsletter October 2020



IN THIS ISSUE

Purpose of the Project

The purpose of the River Dodder Flood Alleviation Scheme Phase 3 is to assess and develop a viable, cost effective and sustainable Flood Alleviation Scheme in order to alleviate flooding along the River Dodder between Clonskeagh Road Bridge to Orwell Road Bridge including Little Dargle Stream at Braemor Road-Woodside Drive south-eastern junction.

Website

We have been experiencing technical issues with the project website during the month of July and August 2020. All issues have been resolved. Kindly visit our website:

www.floodinfo.ie/frs/en/dodder-phase-3/home/

Project Information

A brief overview of the background to the project and how we got here.

Page 2

Current Activities

Progress of the data collection, surveys, hydrological analysis, hydraulic modelling and Environmental assessment for River Dodder Flood Alleviation Scheme Phase 3.

Page 3

Project Information

Dublin City Council as the Lead Authority, in partnership with Dun Laoghaire-Rathdown County Council and The Office of Public Works (OPW) are now advancing with River Dodder Flood Alleviation Scheme Phase 3.

Dublin City Council has commissioned ByrneLooby to develop and implement a flood alleviation scheme (FAS) for the River Dodder from Clonskeagh Road Bridge to Orwell Road Bridge including flood defence works on the Little Dargle stream at Braemor Road-Woodside Drive south-eastern junction.

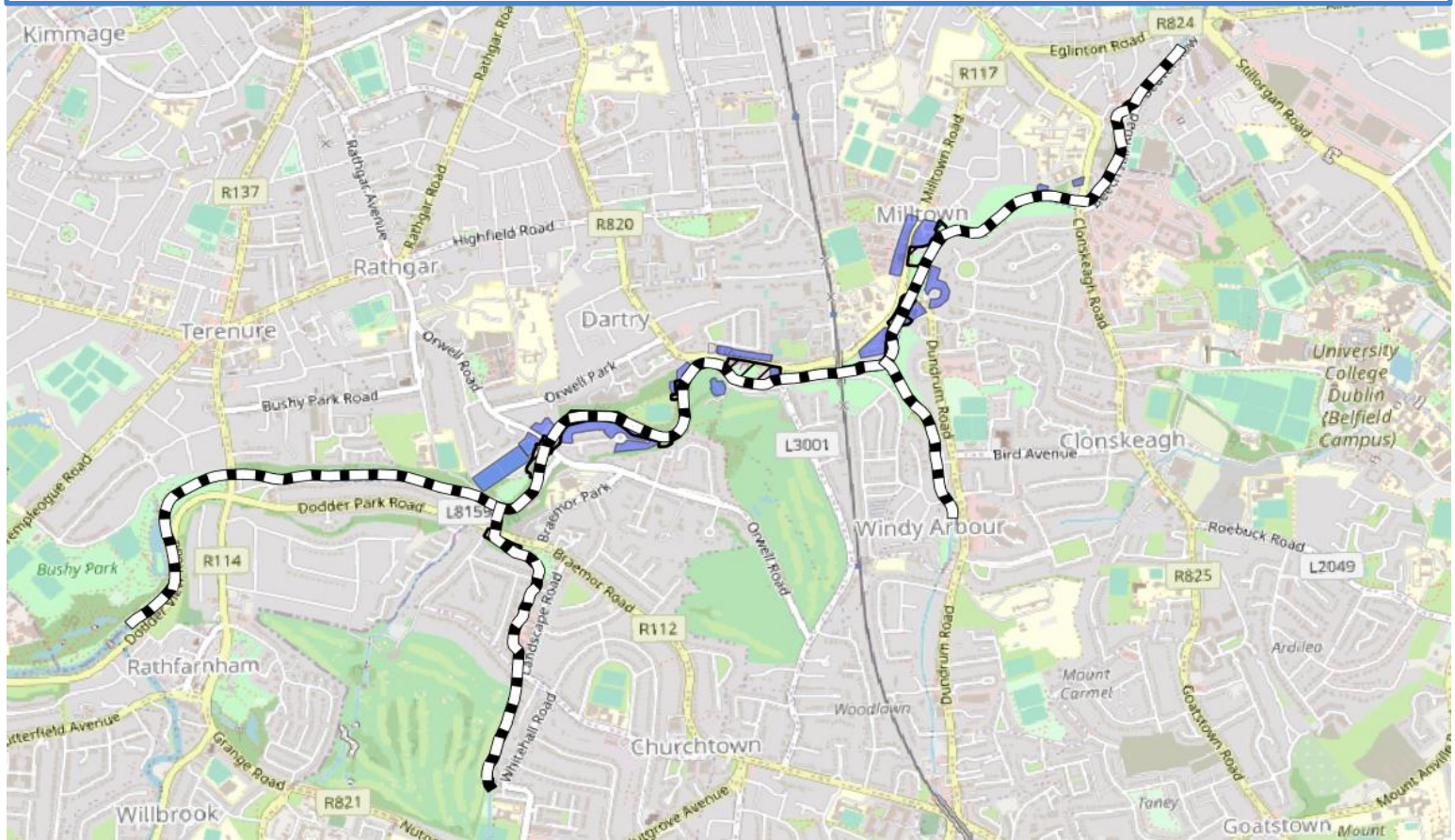
The OPW has recommended the development of a Flood Alleviation Scheme for River Dodder as a result of the work completed in the Dodder Catchment Flood Risk Management Plan(FRMP).

This Flood Alleviation Scheme is part of the €1bn National Fund announced by the Government for Flood Relief Schemes throughout the Country in May 2018. River Dodder is on the Dublin City Council border and Dun-Laoghaire-Rathdown County Council.



Figure 1: River Dodder - channel weir adjacent to Strand Terrace

Figure 2: Extent of Surveys (Topographical, Property Threshold etc.)



Current Activities:

At this early stage we would like to provide a brief update on the scheme activities as follows:

Data Collection: Data collection is sufficiently complete however, the project team are always interested in receiving photos, videos, sketches or any other relevant information regarding previous flood events. The information provided will help us to refine our hydraulic model and the design of the flood relief scheme. If you have any information which could be of use, please contact us.

Surveys: Dublin City Council are in the process of appointing a service provider to conduct topographical, channel, structural, flood defence and building threshold surveys. We urge the public to assist the appointed service providers where possible during their surveys.

Hydrological Analysis: The hydrological analysis which includes an assessment of the frequency and magnitude of river flows over a range of scenarios is currently underway. This, along with the survey data, will provide the necessary inputs to the computer model as part of the hydraulic modelling.

Hydraulic modelling: Preparation of a computer model will commence following receipt of the topographical survey information.

Environmental Assessment: An initial site walkover has been carried out to assess scheme ecological conditions. Further ecological survey work will be conducted along the River Dodder and Little Dargle stream over the coming months in relation to habitat types, invasive plants, mammals (badgers) and other species or features of ecological or environmental interest. In-stream fish and aquatic habitat surveys will also be conducted.

What's Next?

Over the next few months, the Project Team will be working on:

- ➔ **Surveys (topographical, channel, culvert, structural and top of bank)**
- ➔ **Hydrological Analysis**
- ➔ **Hydraulic Modelling**
- ➔ **Environmental Baseline Assessments (ecological surveys)**
- ➔ **Non-native Invasive Species Survey & Treatment Contract**

Covid-19

Dublin City Council, Dun Laoghaire-Rathdown County Council, the Office of Public Works and ByrneLooby has deemed the River Dodder FAS Phase 3 as an essential project. Hence, the project will continue with site visits, scope surveys and environmental baseline assessments.



Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

Contact Us

If you would like to contact our Project Team about any matter relating to the River Dodder Flood Alleviation Scheme Phase 3 you can do so through the following:

Email

dodderfasphase3@byrneLooby.com

Post

Attention: Project Manager, River Dodder FAS
Phase 3
ByrneLooby
Building 2100
Cork Airport Business Park
Kinsale Road
Cork

If you would like any further information on the Scheme, please visit our website:

<https://www.floodinfo.ie/frs/en/dodder-phase-3/home/>