

OUR TOWN OUR RIVER

The story of the Dargle Flood Defence Scheme

Our Town
Our River



www.bray.ie/town-river/

The Story of the River Dargle Defence Scheme

This project was one of the key capital investment projects by Wicklow County Council and the Office of Public Works (OPW) with an investment of €46 million and in October 2017 saw the completion of this vital Flood Defence Scheme.

The scheme comprised a variety of flood defences, including construction of new sections of earth embankments, demolition and rebuilding of river walls with extensive stone facing, channel excavation, regrading and riverbank strengthening.

A range of landscape treatments in and adjacent to the river are to mitigate the impacts of the scheme on the local environment along the river corridor.

Along with the flood defences, there have been enhancement works that have transformed the local environment.

New and improved landscaping and walkways at the People's Park, Ravenswell Road and the Lower Dargle Road.

The Boardwalk which complements and provides linkage between the People's Park and the Fran O'Toole Bridge

The flood defences aim to provide protection against a 1-in-100-year fluvial flood and 1-in-200-year tidal flood.



Key Timeline of the Development of the Scheme

1986 2006 2009 2013 2014 2015 2016

01 1986

Hurricane Charlie arrived over Ireland at the end of August 1986. The storm with high winds and heavy rain was one of the worst in living memory. The counties of Dublin and Wicklow were badly hit and there was extensive damage to homes and businesses with the River Dargle and the River Dodder both breaking their banks.

02 2006 to 2013

Scheme moved into development stage after approval from An Bord Pleanala followed by Compulsory purchase Order then in 2012 SIAC Construction were appointed as the Design and Build Contractor but this Contract was terminated.

03 2014

Wicklow County Council appointed TKFM Ltd as Construction Management Services Provider (CMSP) for the overall scheme.

04 2017

The River Dargle Flood Defence Scheme was completed.

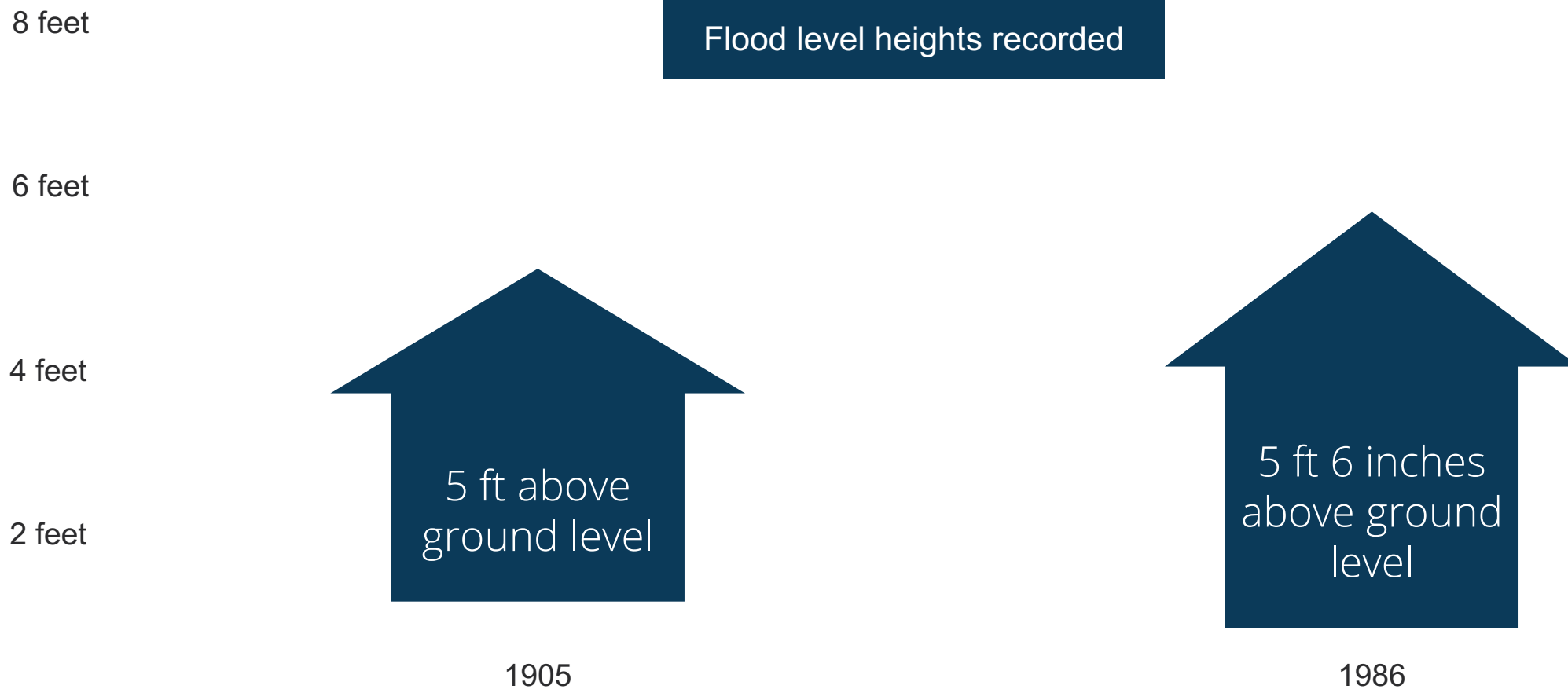
Official Opening

The River Dargle Flood Defence Scheme will be officially opened by Mr. Kevin "Boxer" Moran T.D., Minister of State at the Department of Public Expenditure and Reform with special responsibility for the Office of Public Works and Flood Relief on Wednesday 8th November 2017.

Flood Comparisons

1905 Flood - The river Dargle breaks its banks and floods Little Bray, one man is killed and hundreds are left homeless.

1986 Hurricane Charlie - More than a thousand people were evacuated from their homes in Bray after the river Dargle burst its banks, flooding over 500 houses to a height of seven feet during the storm. The heaviest rain fell in the Dublin and Wicklow mountains, with 280mm, or 11 inches, recorded on Kippure.



Other Supporting Scheme Works Images



Online Newsletter

Through our online newsletter via our dedicated #OurTownOurRiver page on bray.ie visitors could get a real sense of the whole project and how the scheme was progressing. Why not visit www.bray.ie/town-river/ yourself.

New Boardwalk and Entrance to the People's Park



Superb new amenities open to the public

The Lower Dargle Road, the Boardwalk and the new entrance to the Peoples Park was opened to the public on March 15th 2017.

Dargle Flood Defence Scheme By Numbers



1,000 Concrete Truck Deliveries



Enough to fill 3 Olympic Swimming Pools



107,000 m3 of Soil Disposal



That's 10,000 Truck Trips!



460 Tonnes of Steel



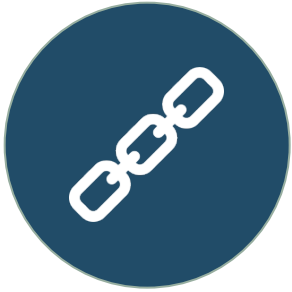
That's the weight of one Boeing 747



45,500 tonne of Rock Protection



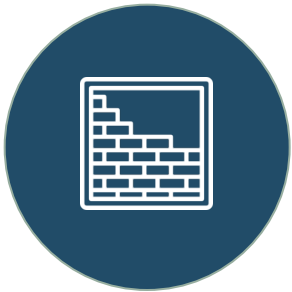
That's the weight of 100 Space Stations



10km of Rock Anchors



That's from Bray to Powerscourt Waterfall



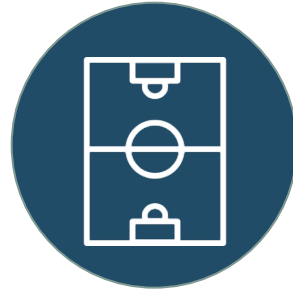
2 acres of new Masonry Walls



That's the size of the Aviva Stadium Pitch



18,000m² of Piling



That almost covers 2 Croke Park Pitches



94 New Trees



That's a small forest!



2 acres of new Public Paving



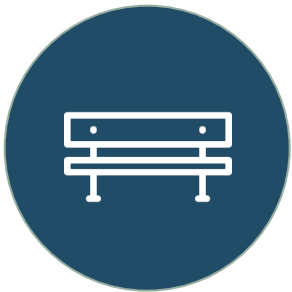
That's twice the public area of Bray Main St



16 acres of Grassed Areas



That's nearly the size of St Stephens Green



119 new Public Seats



That will nearly fill the Mermaid Arts Centre



Read more information about the scheme by accessing our dedicated #OurTownOurRiver page just visit www.bray.ie/town-river/



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Bray Municipal District



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