

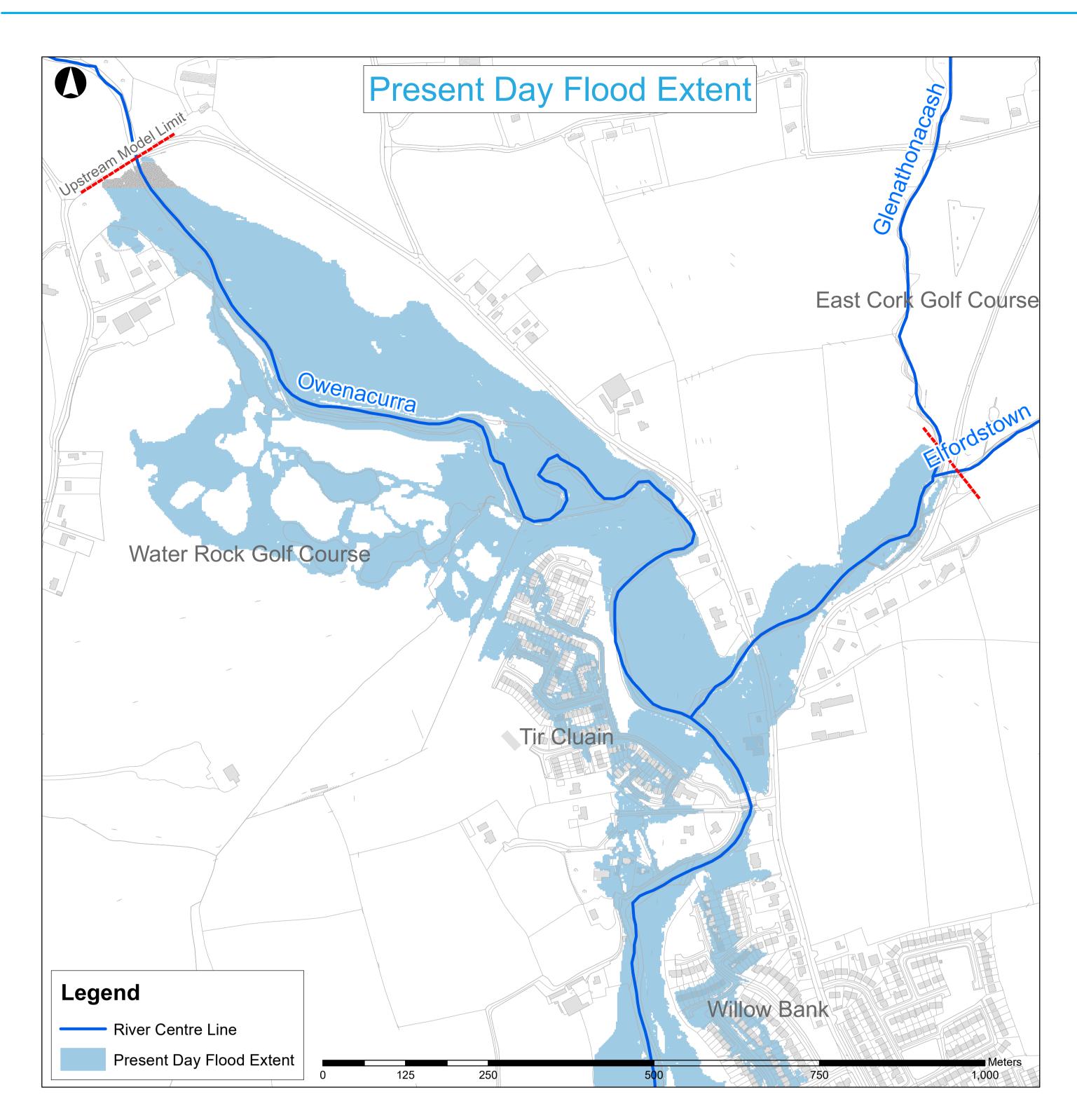


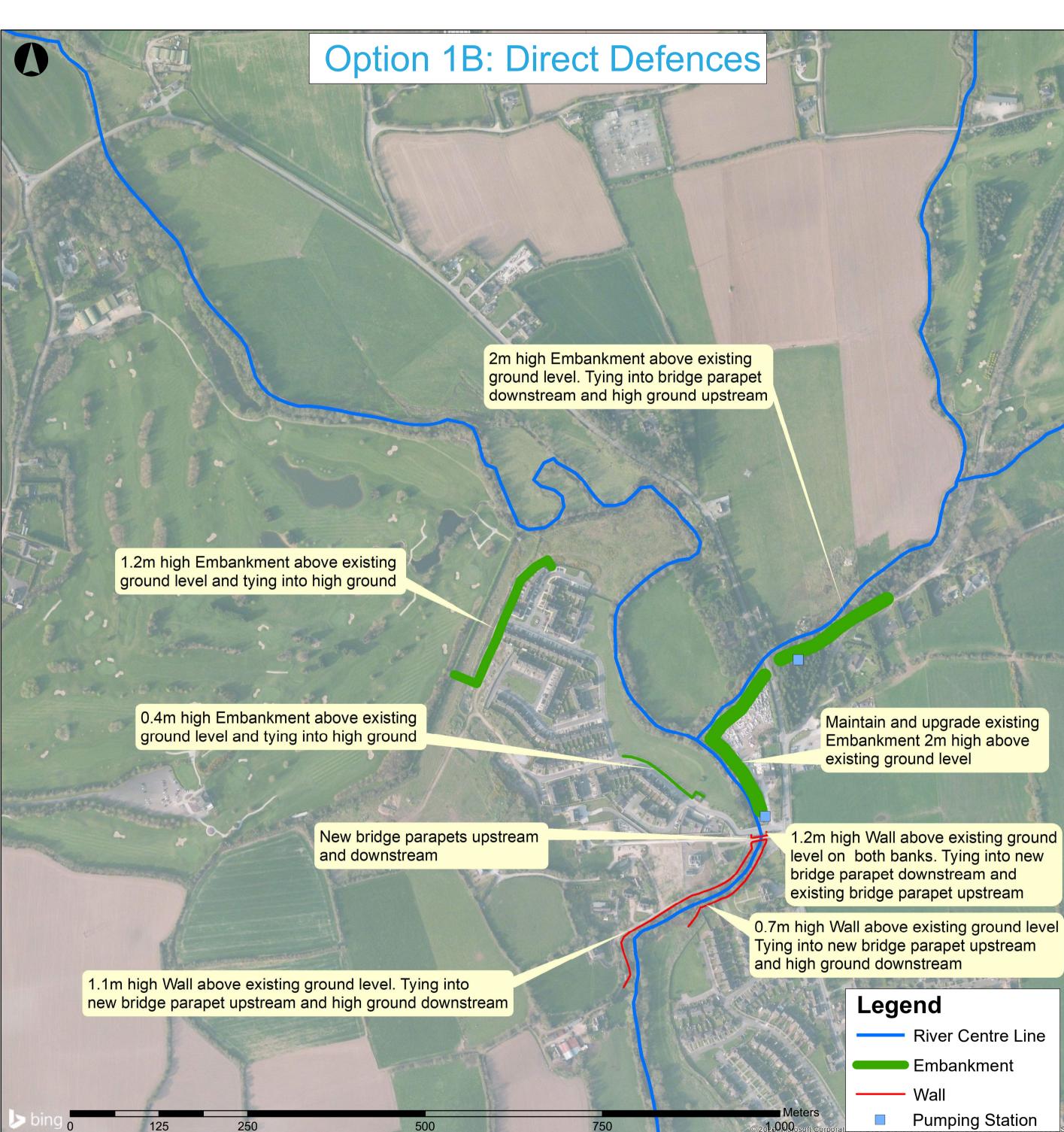




Tionscadal Éireann Project Ireland 2040

Area 1: Tir Cluain to Willowbank Options





Description	Constraints
This option involves the improvement of the river flow	Biodiversity/Water Quality
(conveyance) and construction of direct defences.	Construction works have the potential to result in:
	• Tree Removal where bankside works proposed
In this area, the main proposed works are as follows:	• Impact on Bat Habitat where tree/scrub removal or bridge works proposed
Bridge replacement upstream of Clohessy's	• Impact on Bird Habitat where tree/scrub removal proposed
Yard	• Impact on Otter Habitat where bankside works proposed
 Removal of Moore's Bridge 	• Impact on Water Quality of salmonid river where instream works/dredging works proposed
• Dredging works downstream of Moore's	• Impact on Fisheries Habitat where dredging works proposed
Bridge	• Spread of existing widespread Japanese knotweed if not managed properly
• Embankment at rear of Tir Cluain (typ.1.2m	Visual
high)	Potential for visual impacts/change in character of landscape to nearby residents due to Tree Removal and/or location of Direct Defences
• Embankment at Broomfield Ridge (typ. 1.1m	
high)	Archaeological/Architectural Heritage
Wall on left bank downstream of Moore's O. 7. 1:11	Construction works have the potential to impact:
Bridge (typ. 0.7m high)	Boundary wall associated with a late 19 th century house listed in the NIAH (20906519)
Wall on right bank downstream of Moore's	
Bridge (typ. 1.1m high)	Access/Amenity
	Removal of Moore's Bridge would impact access to properties downstream of Moore's Bridge
Estimated Project Cost for Area 1 and Area 2:	Dredging activities would impact access to properties downstream of Moore's Bridge during the construction phase

Option 1A-Conveyance Improvements and Direct Defences

Option 1B -Direct Defences Only		
Description	Constraints Constraints	
This option involves the construction of direct defences	Biodiversity/Water Quality	
only.	Construction works have the potential to result in:	
	• Tree Removal where bankside works proposed	
n this area, the main proposed works are as follows:	• Impact on Bat and Bird Habitat where tree/scrub removal proposed	
Embankment at rear of Tir Cluain (typ.1.2m	• Impact on Otter Habitat where bankside works proposed	
high)	• Impact on Water Quality of salmonid river where instream works proposed	
Embankment at Broomfield Ridge (typ. 2m	• Impact on Fisheries Habitat where instream works proposed	
high)	Spread of existing widespread Japanese knotweed if not managed properly	
Wall on left bank downstream of Moore's		
Bridge (typ. 0.7m high)	Visual	
Wall on right bank downstream of Moore's	Potential for visual impacts/change in character of landscape to nearby residents due to Tree Removal and/or location of Flood Defence	
Bridge (typ. 1.1m high)		
	Archaeological/Architectural Heritage	
Estimated Project Cost for Area 1 and Area 2:	Construction works have the potential to impact:	
8.5-9 million	Boundary wall associated with a late 19 th century house listed in the NIAH (20906519).	

Construction works on Moore's Bridge could impact access to properties downstream of Moore's Bridge

