



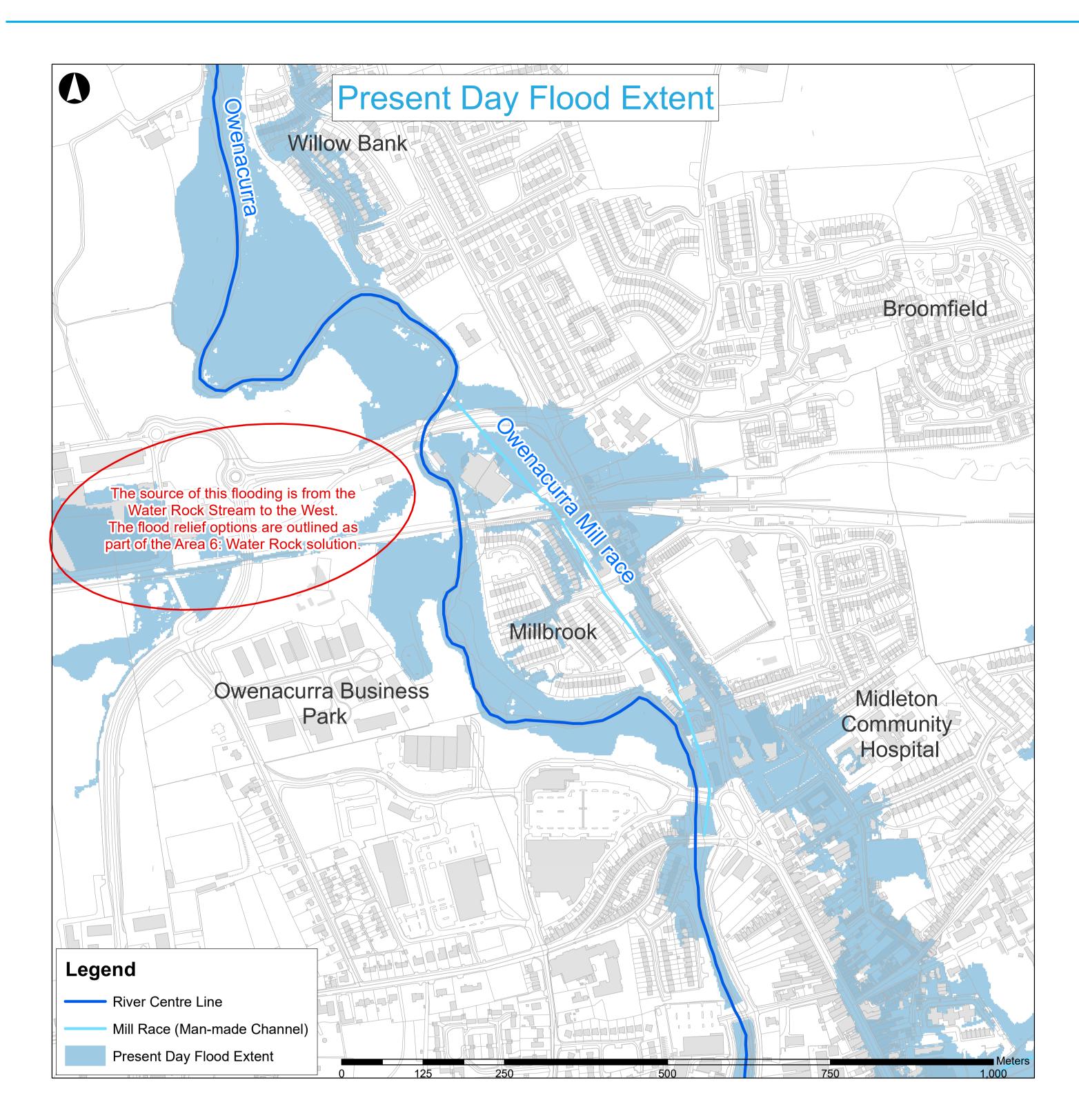


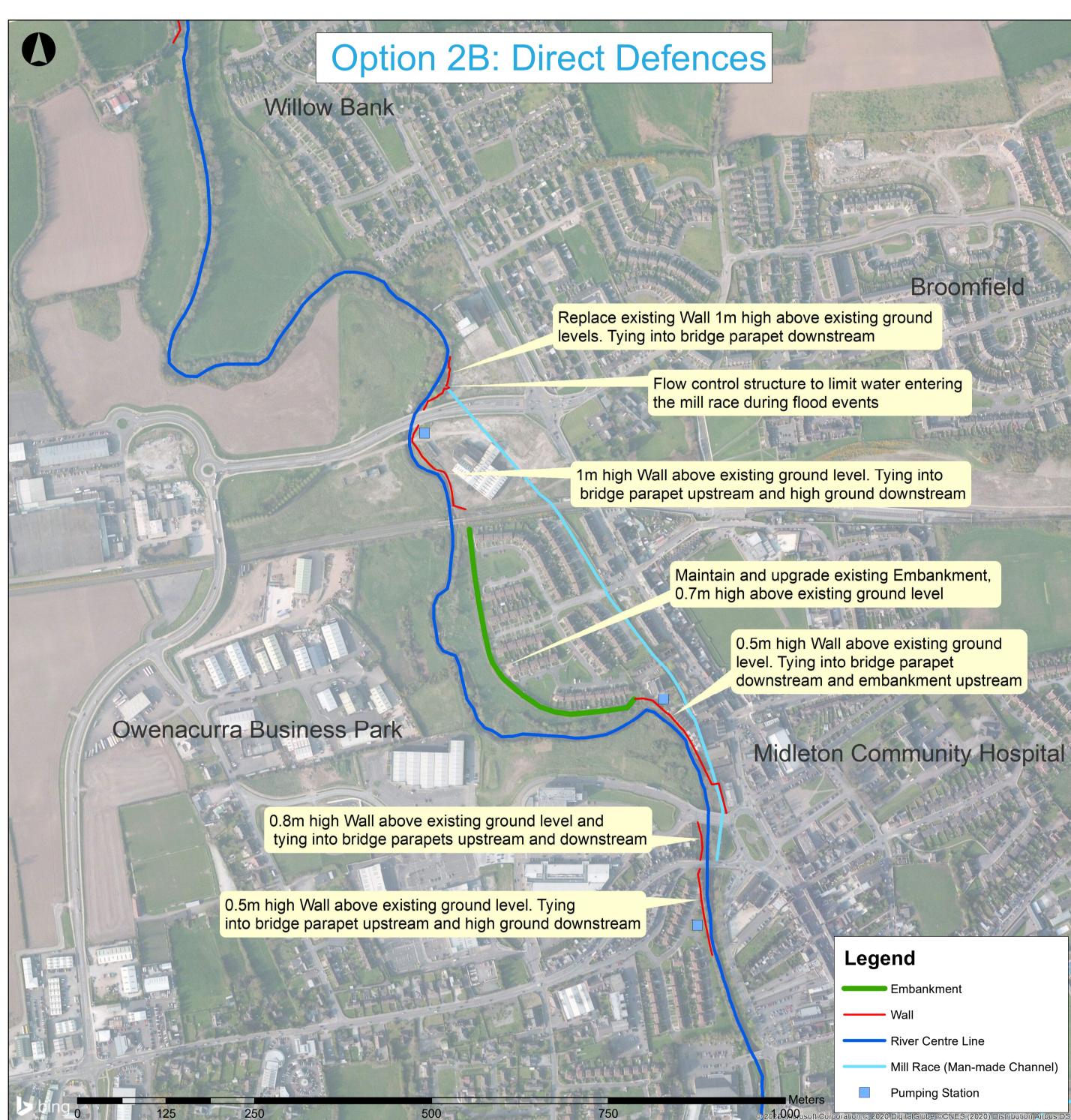






Area 2: Northern Relief Rd to Cork Rd Bridge Options





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 	
• Wall replacement at site north of Northern Relief Rd	• Impact on Bird Habitat where tree/scrub removal proposed	
• Flow control structure at mill race entrance on site	Impact on Otter Habitat where bankside works proposed	
north of Northern Relief Rd	• Impact on Water Quality of salmonid river where instream works/dredging works proposed	
 Removal of minor bridge downstream of Northern 	• Impact on Fisheries Habitat where flow control structure proposed	
Relief Rd		
• Wall at rear of River Wharf (typ. 0.5m high)	Visual	
 Wall between Tesco bridge and Cork Rd bridge (typ. 	Potential for visual impacts/change in character of landscape to nearby residents and the public due to	
0.8m high)	Tree Removal and/or location of Flood Defences in the Public Realm	
• Wall at The Woodlands (typ. 0.5m high)		
	Archaeological/Architectural Heritage	
Estimated Project Cost for Area 1 and Area 2:	Construction works have the potential to impact:	

Cork Road Bridge which is listed in the RMP (CO076-106) and NIAH (20830013).

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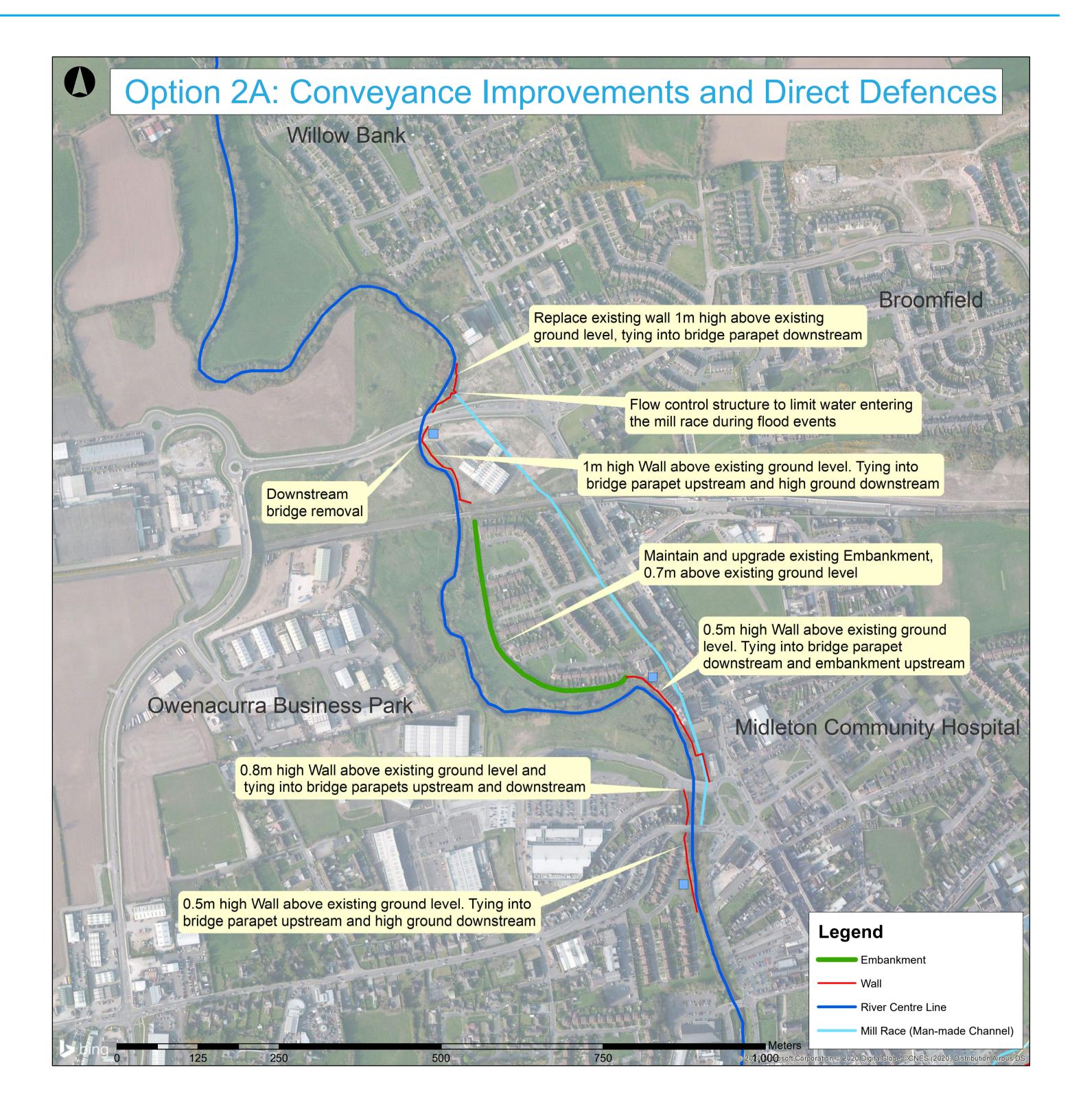
€9.5-10.5 million

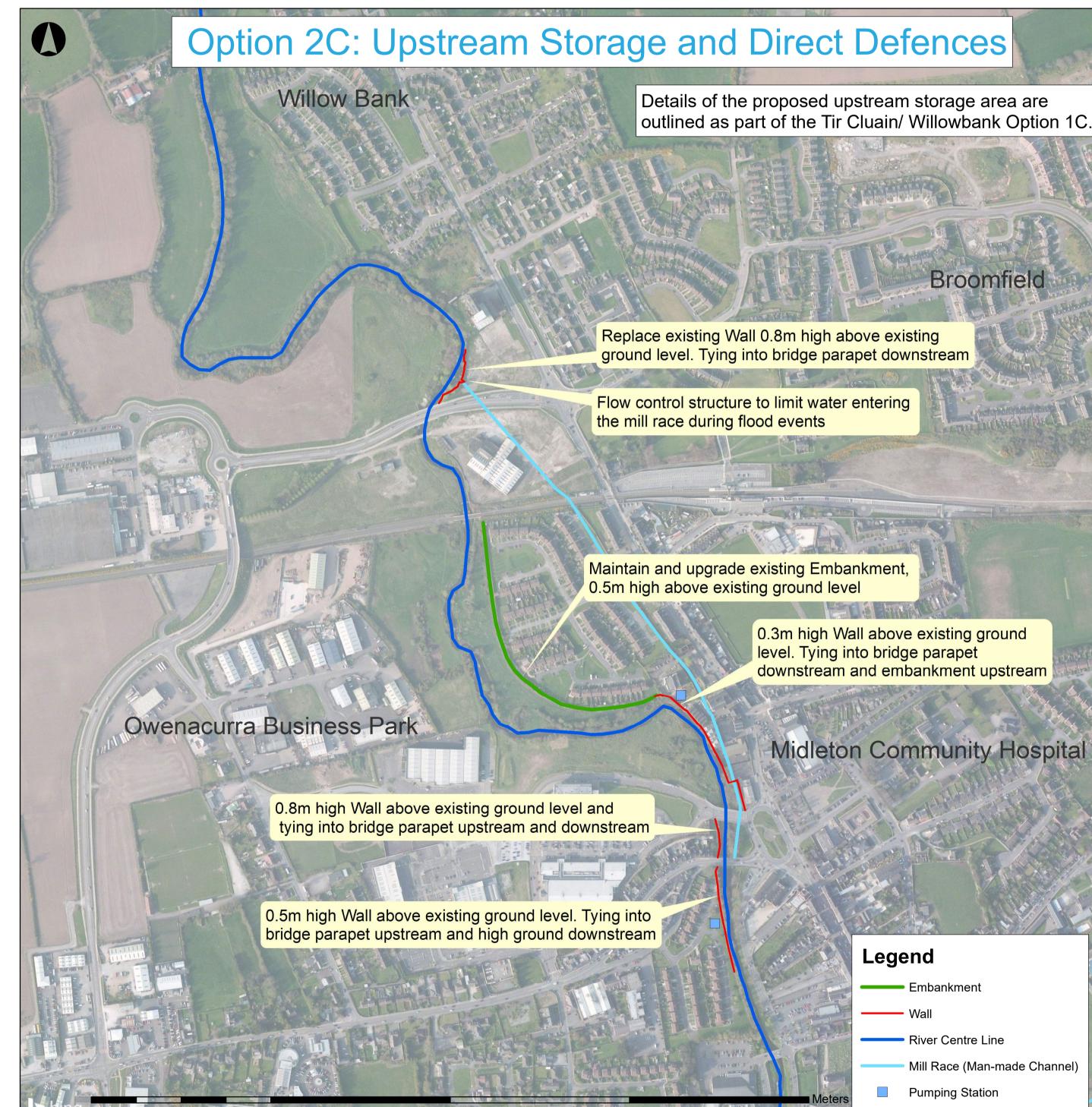
Option 2A-Conveyance Improvements and Direct Defences

Option 2B —Direct Defences Only		
Description	Constraints	
This option involves the construction of direct defences.	Biodiversity/Water Quality	
	Construction works have the potential to result in:	
In this area, the main proposed works are as follows:	Tree Removal where bankside works proposed	
• Wall replacement at site north of Northern Relief Rd	• Impact on Bat Habitat where tree/scrub removal or bridge works proposed	
• Flow control structure at mill race entrance on site	• Impact on Bird Habitat where tree/scrub removal proposed	
north of Northern Relief Rd	Impact on Otter Habitat where bankside works proposed	
• Wall at rear of River Wharf (typ. 0.5m high)	• Impact on Water Quality of salmonid river where instream works proposed	
• Wall between Tesco bridge and Cork Rd bridge (typ.	• Impact on Fisheries Habitat where instream works proposed	
0.8m high)		
• Wall at The Woodlands (typ. 0.5m high)	Visual	
	Potential for visual impacts/change in character of landscape to nearby residents and the public due to	
Estimated Project Cost for Area 1 and Area 2: €8.5-9 million	Tree Removal and/or location of Flood Defences in the Public Realm	

Archaeological/Architectural Heritage

Construction works have the potential to impact:





This option involves the construction of an	Biodiversity/Water Quality
upstream storage area to store flood water during a	Construction works have the potential to result in:
flood event and direct defences downstream. The	• Tree Removal where bankside works proposed
extents of the direct defences will be reduced in	• Impact on Bat Habitat where tree/scrub removal or bridge works proposed
comparison to Option B.	• Impact on Bird Habitat where tree/scrub removal proposed
	• Impact on Otter Habitat where bankside works proposed
In this area, the main proposed works are as follows:	• Impact on Water Quality of salmonid river where instream works proposed
• Wall replacement at site north of Northern Relief	• Impact on Fisheries Habitat where instream works proposed
Rd	
• Flow control structure at mill race entrance on site	Visual
north of Northern Relief Rd	Potential for visual impacts/change in character of landscape to nearby residents and the public due to
• Wall at rear of River Wharf (typ. 0.3m high)	Tree Removal and/or location of Flood Defences in the Public Realm
 Wall between Tesco bridge and Cork Rd bridge (typ. 	
0.8m high)	Archaeological/Architectural Heritage
• Wall at The Woodlands (typ. 0.5m high)	Construction works have the potential to impact:
	Cork Road Bridge which is listed in the RMP (CO076-106) and NIAH (20830013).
Estimated Project Cost for Area 1 and Area 2:	
€8.5-9 million	Access/Amenity

Option 2C – Upstream Storage and Direct Defences

Description

Constraints

Temporary loss of amenity at Water Rock Golf Course upstream during flood events.