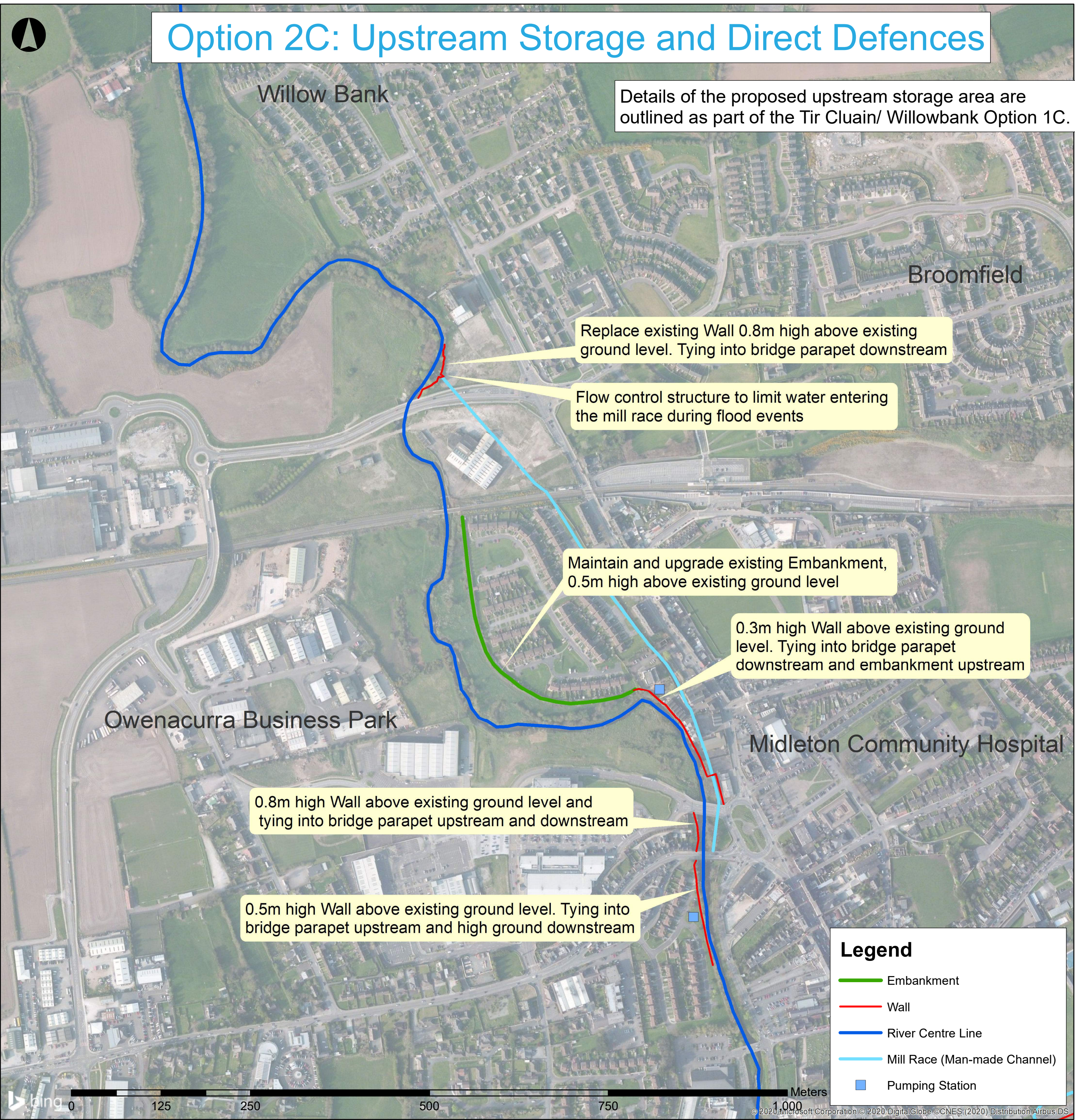
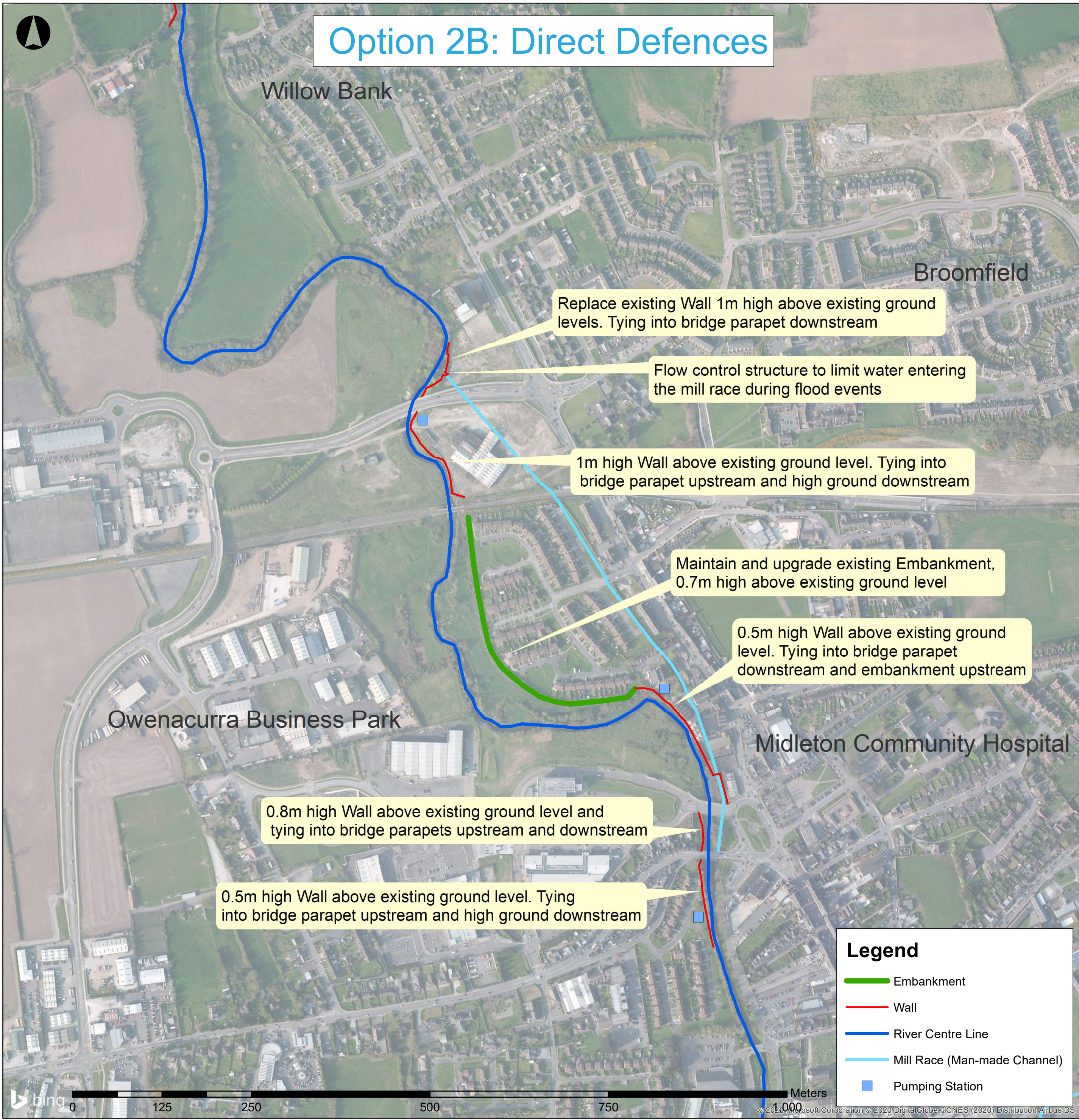
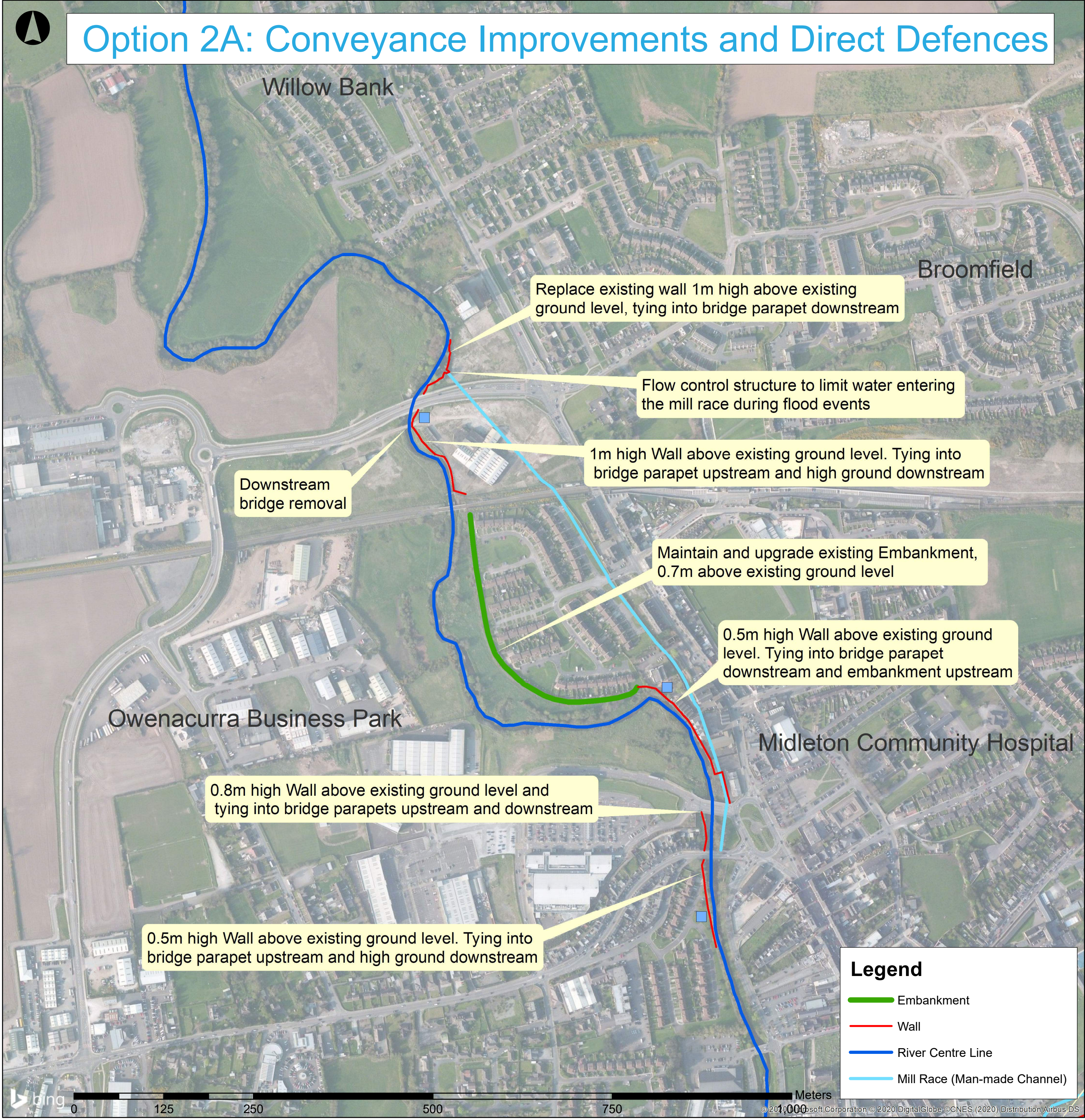
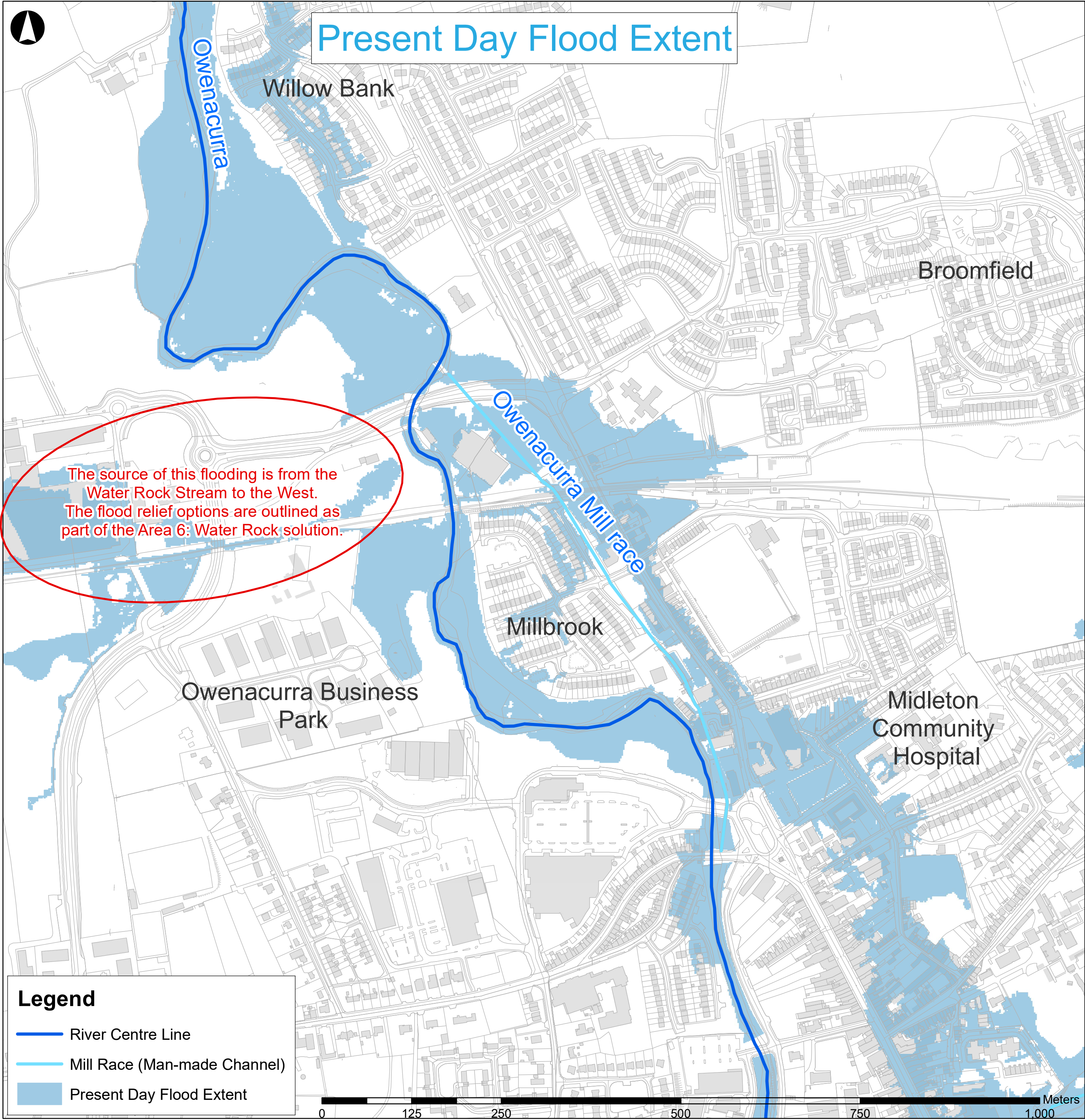


Area 2: Northern Relief Rd to Cork Rd Bridge Options



| Option 2A–Conveyance Improvements and Direct Defences | |
|---|---|
| Description | Constraints |
| <p>This option involves the improvement of the river flow (conveyance) and construction of direct defences.</p> <p>In this area, the main proposed works are as follows:</p> <ul style="list-style-type: none">Wall replacement at site north of Northern Relief RdFlow control structure at mill race entrance on site north of Northern Relief RdRemoval of minor bridge downstream of Northern Relief RdWall at rear of River Wharf (typ. 0.5m high)Wall between Tesco bridge and Cork Rd bridge (typ. 0.8m high)Wall at The Woodlands (typ. 0.5m high) <p>Estimated Project Cost for Area 1 and Area 2: €9.5-10.5 million</p> | <p>Biodiversity/Water Quality Construction works have the potential to result in:</p> <ul style="list-style-type: none">Tree Removal where bankside works proposedImpact on Bat Habitat where tree/scrub removal or bridge works proposedImpact on Bird Habitat where tree/scrub removal proposedImpact on Otter Habitat where bankside works proposedImpact on Water Quality of salmonid river where instream works/dredging works proposedImpact on Fisheries Habitat where flow control structure proposed <p>Visual Potential for visual impacts/change in character of landscape to nearby residents and the public due to Tree Removal and/or location of Flood Defences in the Public Realm</p> <p>Archaeological/Architectural Heritage Construction works have the potential to impact: Cork Road Bridge which is listed in the RMP (CO076-106) and NIAH (20830013).</p> |

| Option 2C–Upstream Storage and Direct Defences | |
|--|---|
| Description | Constraints |
| <p>This option involves the construction of an upstream storage area to store flood water during a flood event and direct defences downstream. The extents of the direct defences will be reduced in comparison to Option B.</p> <p>In this area, the main proposed works are as follows:</p> <ul style="list-style-type: none">Wall replacement at site north of Northern Relief RdFlow control structure at mill race entrance on site north of Northern Relief RdWall at rear of River Wharf (typ. 0.3m high)Wall between Tesco bridge and Cork Rd bridge (typ. 0.8m high)Wall at The Woodlands (typ. 0.5m high) <p>Estimated Project Cost for Area 1 and Area 2: €8.5-9 million</p> | <p>Biodiversity/Water Quality Construction works have the potential to result in:</p> <ul style="list-style-type: none">Tree Removal where bankside works proposedImpact on Bat Habitat where tree/scrub removal or bridge works proposedImpact on Bird Habitat where tree/scrub removal proposedImpact on Otter Habitat where bankside works proposedImpact on Water Quality of salmonid river where instream works proposedImpact on Fisheries Habitat where instream works proposed <p>Visual Potential for visual impacts/change in character of landscape to nearby residents and the public due to Tree Removal and/or location of Flood Defences in the Public Realm</p> <p>Archaeological/Architectural Heritage Construction works have the potential to impact: Cork Road Bridge which is listed in the RMP (CO076-106) and NIAH (20830013).</p> <p>Access/Amenity Temporary loss of amenity at Water Rock Golf Course upstream during flood events.</p> |

| Option 2B –Direct Defences Only | |
|--|--|
| Description | Constraints |
| <p>This option involves the construction of direct defences.</p> <p>In this area, the main proposed works are as follows:</p> <ul style="list-style-type: none">Wall replacement at site north of Northern Relief RdFlow control structure at mill race entrance on site north of Northern Relief RdWall at rear of River Wharf (typ. 0.5m high)Wall between Tesco bridge and Cork Rd bridge (typ. 0.8m high)Wall at The Woodlands (typ. 0.5m high) <p>Estimated Project Cost for Area 1 and Area 2: €8.5-9 million</p> | <p>Biodiversity/Water Quality Construction works have the potential to result in:</p> <ul style="list-style-type: none">Tree Removal where bankside works proposedImpact on Bat Habitat where tree/scrub removal or bridge works proposedImpact on Bird Habitat where tree/scrub removal proposedImpact on Otter Habitat where bankside works proposedImpact on Water Quality of salmonid river where instream works proposedImpact on Fisheries Habitat where instream works proposed <p>Visual Potential for visual impacts/change in character of landscape to nearby residents and the public due to Tree Removal and/or location of Flood Defences in the Public Realm</p> <p>Archaeological/Architectural Heritage Construction works have the potential to impact: Cork Road Bridge which is listed in the RMP (CO076-106) and NIAH (20830013).</p> |