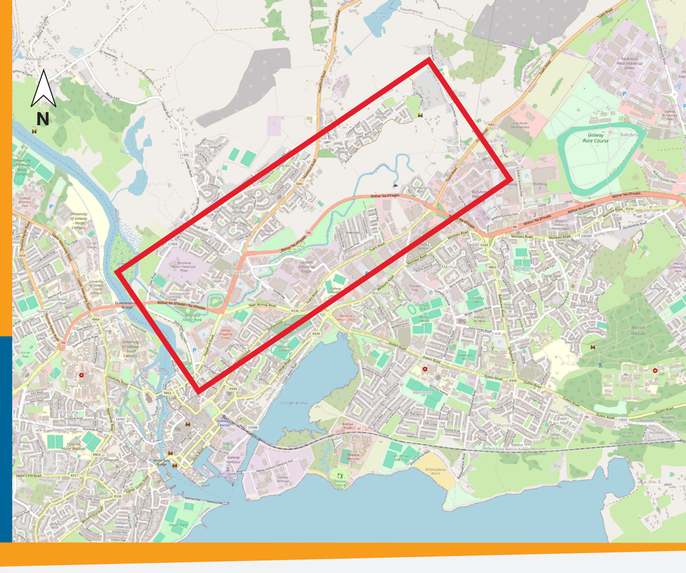
Coirib go Cósta
Scéim Faoisimh Tuilte Chathair na Gaillimhe
Galway City Flood Relief Scheme

Public Engagement - Day No.2

Terryland

Board 16



Terryland is an area east of the Corrib River, south of the Quincentenary Bridge and includes residential and commercial developments surrounding the Terryland River. There is an existing embankment providing flood protection along the Dyke Road. The area is at risk of fluvial flooding. Two different standards of protection have been assessed for this area, the Current and the Mid-Range Future Scenario (MRFS) 1% fluvial AEP. This is because the consequences of overtopping the proposed flood defence during fluvial events exceeding the current Scenario 1% Annual Exceedance Probability (AEP) could result in a duration of flooding of approximately 2 weeks.

Terryland Considerations

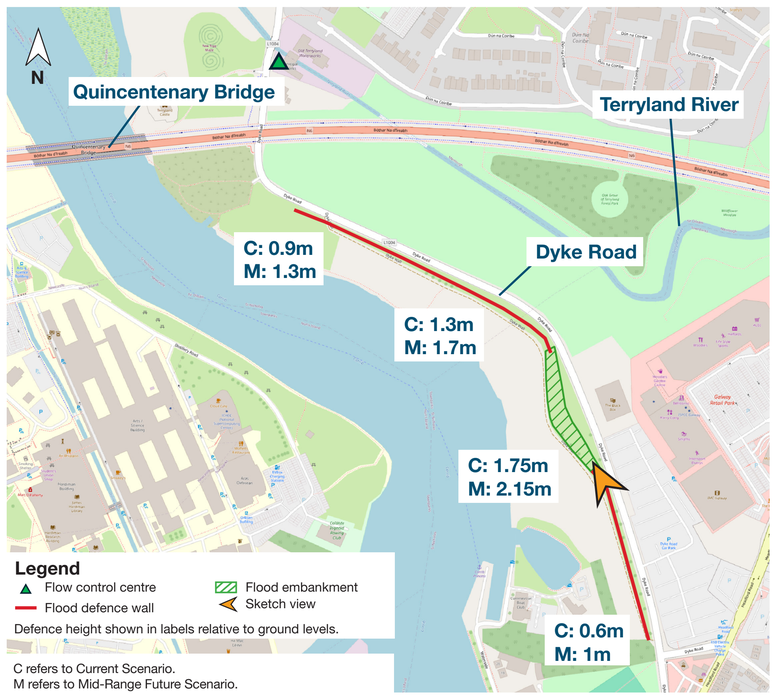
Existing Scenario

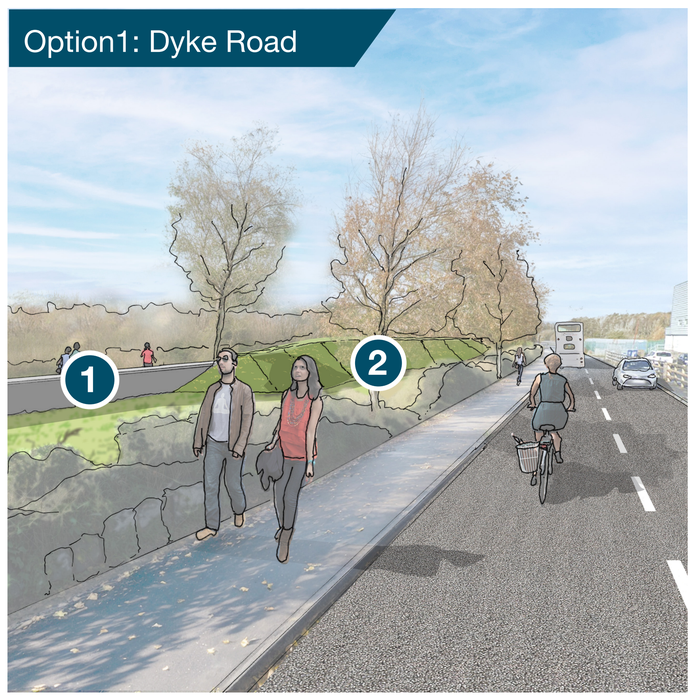
Option 1: Embankment & Wall

This option proposes a combination of flood defence walls and an embankment along Dyke Road. The proposed defence alignment is offset from the River Corrib Special Area of Conservation in this option. The existing flow control structure at the Terryland waterworks will be maintained/upgraded.

Key Features

1. 0.6 – 1.7m flood defence walls
2. 1.75 or 2.15m flood embankment



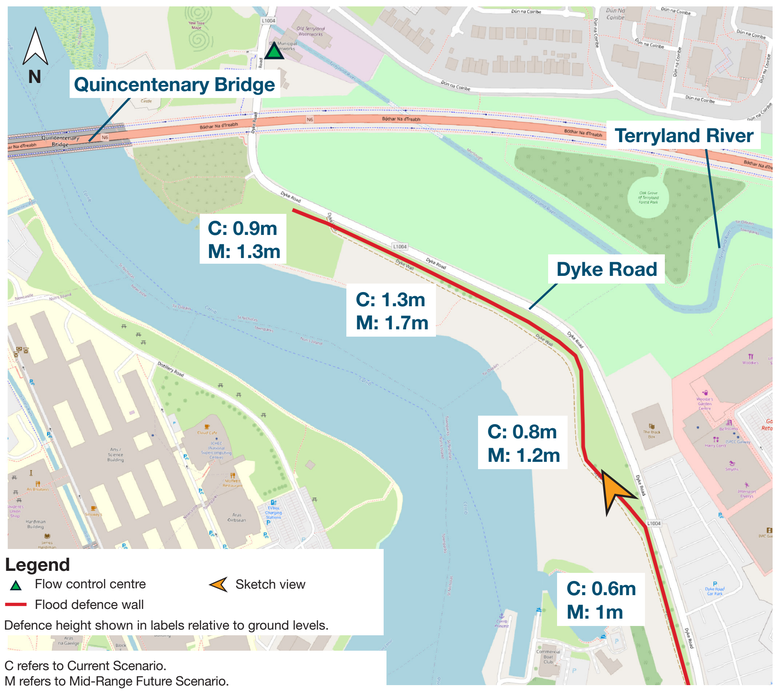


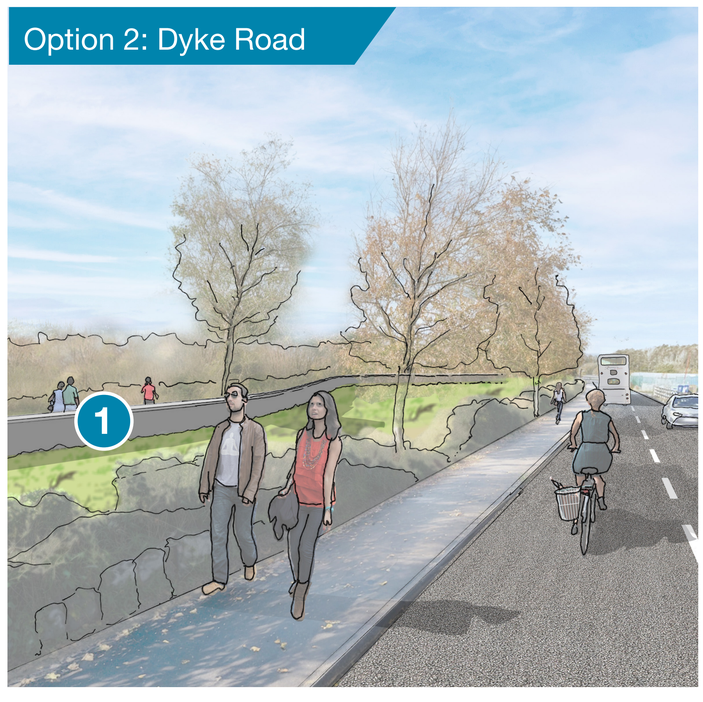
Option 2: Wall

This option proposes a flood defence wall along Dyke Road. The proposed defence alignment is offset from the River Corrib Special Area of Conservation in this option. The existing flow control structure at the Terryland waterworks will be maintained/upgraded.

Key Features

1. 0.6 - 1.7m flood defence walls



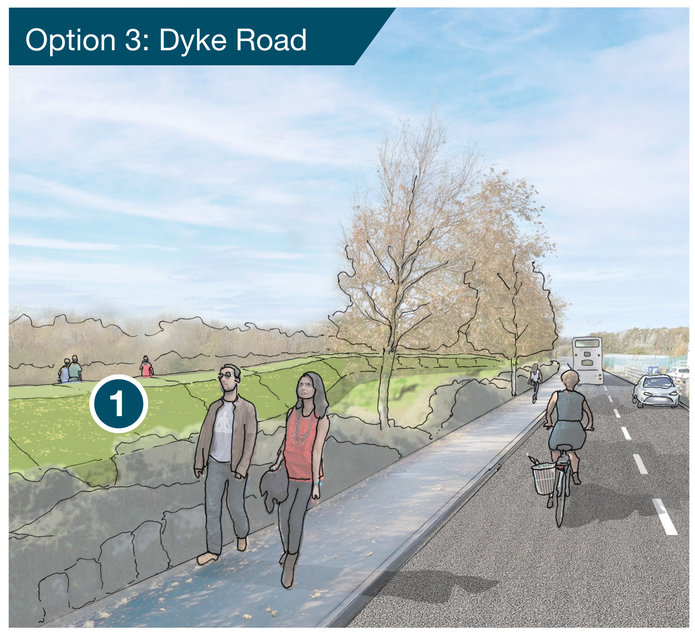


Option 3: Embankment

This option proposes a flood embankment along Dyke Road. It extends into the River Corrib Special Area of Conservation. Existing ground levels along the proposed alignment are higher than the alignment closer to the road, therefore the required defence heights relative to existing ground levels do not need to be as high compared to Options 2 and 3 to achieve the required standard of protection. The existing flow control structure at the Terryland waterworks will be maintained/upgraded.

Key Features

1. 0.6 – 1.55m flood embankment



The artist's impression proposals shown above are intended for illustrative purposes only. Preferred scheme option will be subject to detailed design, including but not limited to technical assessments, planning approvals, further public, and stakeholders' engagement and other statutory or regulatory requirements. The construction materials used, and finish/visual appearance of features may differ from those illustrated.

Tionscadal Éireann Project Ireland 2040 | OPW Oifig na nOibreacha Poiblí Office of Public Works | Comhairle Cathrach na Gaillimhe Galway City Council | BSM Brady Shipman Martin. Built. Environment. Est. 1968 | ARUP

Poster Scale: A0