



Comhairle Cathrach na Gaillimhe
Galway City Council

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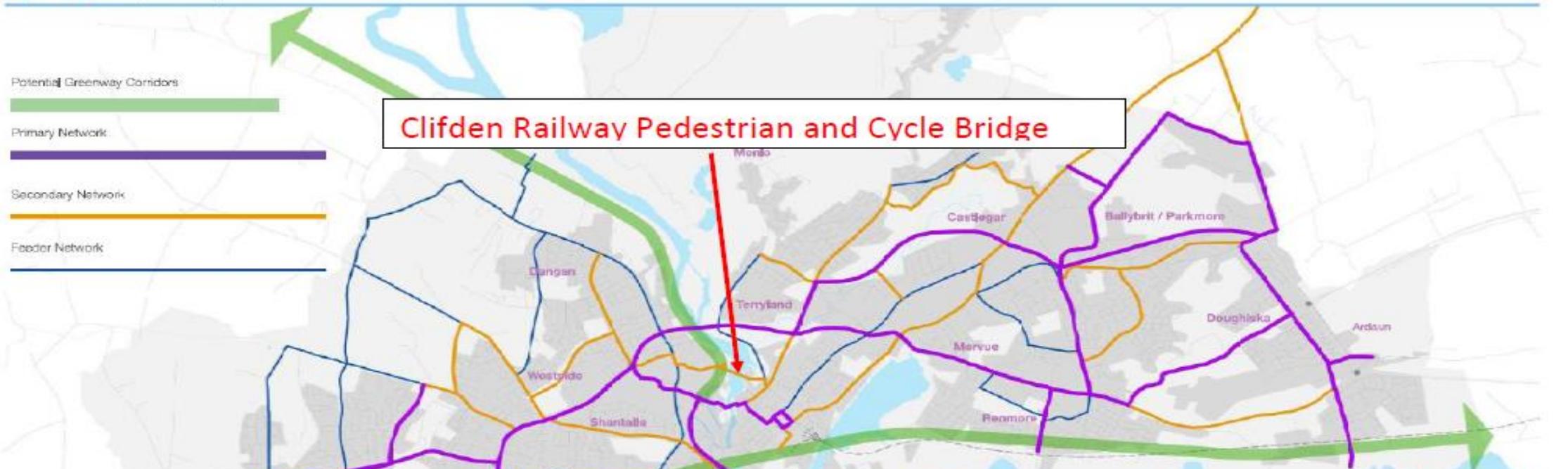
Clifden Railway Pedestrian and Cycle Bridge





Galway Transport Strategy (GTS)

Figure 7.1 Proposed Cycle Network



The secondary Cycle Network in the GTS includes for a new bridge for pedestrians and cyclists over the river Corrib.

This will provide cyclists and pedestrians with improved linkage into the City, accessing employment, retail, education and public realm



Objectives

1. Facilitate a modal shift from private cars to more sustainable modes of transport.
2. Create a new amenity space for Galway City that connects river walks and cycle trails
3. Enhance Galway City by creating tourism and employment.
4. Support emission reduction targets under the Government Climate Action Plan
5. Reduce car dependency for residents/tourists of Galway City
6. Increase permeability within the City



Funders

Urban Regeneration and Development Fund have committed €5.5m to the project

National Transport Authority will support funding the balance



Project Delivery

NTA Project Approval Guideline Phases:

Phase 1 – Scope & Purpose

Phase 2 – Concept Development & Option Selection (current phase) – a public consultation will take place in the near future

Future phases

Phase 3 – Preliminary Design

Phase 4 – Statutory Process

Phase 5 – Detailed Design and Procurement

Phase 6 – Construction & Implementation

Phase 7 – Close-out & Review



Content

1

Overriding Purpose

Galway City Council (GCC), in partnership with the National Transport Authority (NTA) and the Urban Regeneration and Development Fund (URDF) have appointed AECOM to prepare a feasibility study for a new pedestrian and cycle bridge over the River Corrib.

2

Receiving Environment

The receiving environment on the eastern and western banks of the River Corrib are largely developed into residential, retail, educational and leisure facilities with substantial existing infrastructure.

3

Bridge Options

Three bridge options have been developed for the proposed River Corrib Crossing. All options follow the same alignment of the original Clifden Railway Bridge utilising the existing piers and abutments.

4

Multi-Criteria Analysis

The three options have undergone a multi-criteria analysis to determine the preferred option. Each option has been evaluated and rated using several criteria.

5

Next Steps

AECOM advises on the next stages of project development.

Overriding Purpose

Provide a New Public
Realm Area

Support the Tourism
Sector



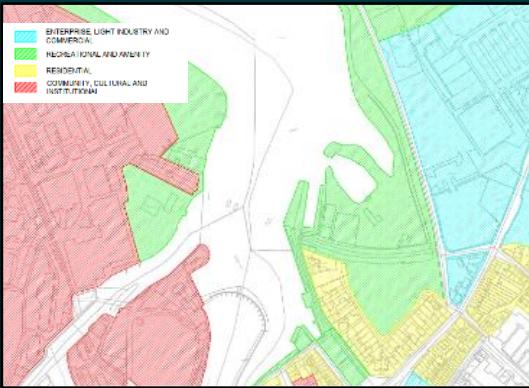
Provide an
Architecturally Sensitive
River Crossing

Deliver Targets in the
Metropolitan Area Strategic
Plans (MASP)

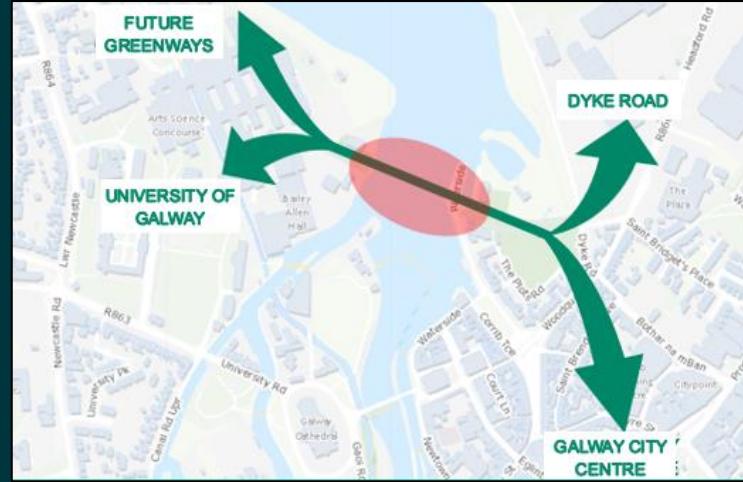
Create Spaces for Physical
Activity, Health and Wellbeing
for the people of Galway

Receiving Environment

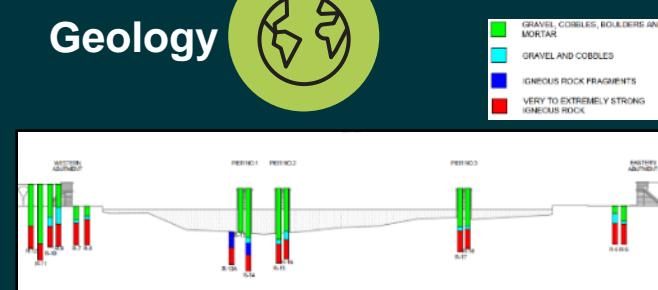
Zoning Map



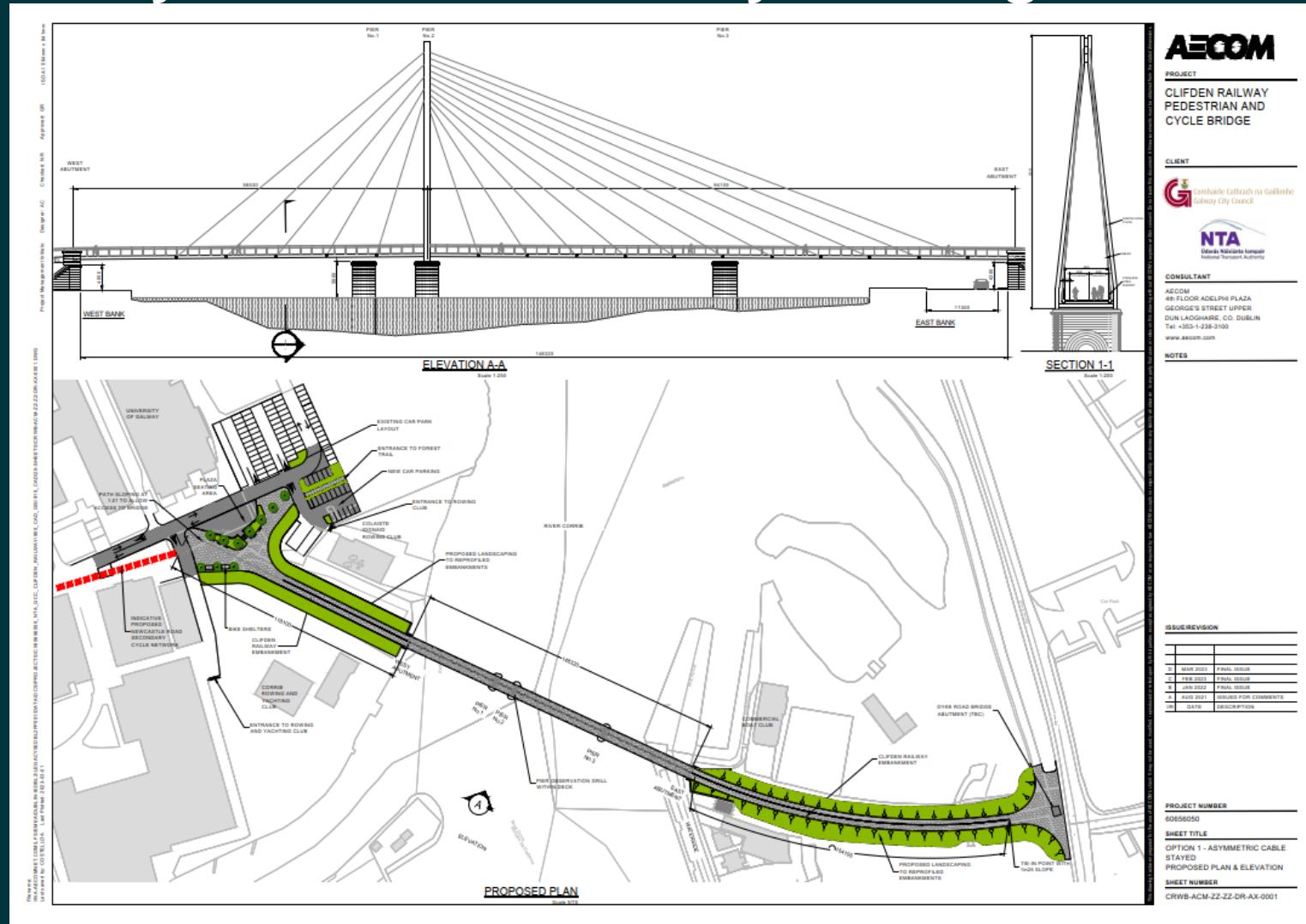
Existing Substructure



Geology



Option No.1 Asymmetric Cable Stayed Bridge



Option No.1 Asymmetric Cable Stayed Bridge



View from Salmon Weir/OPW

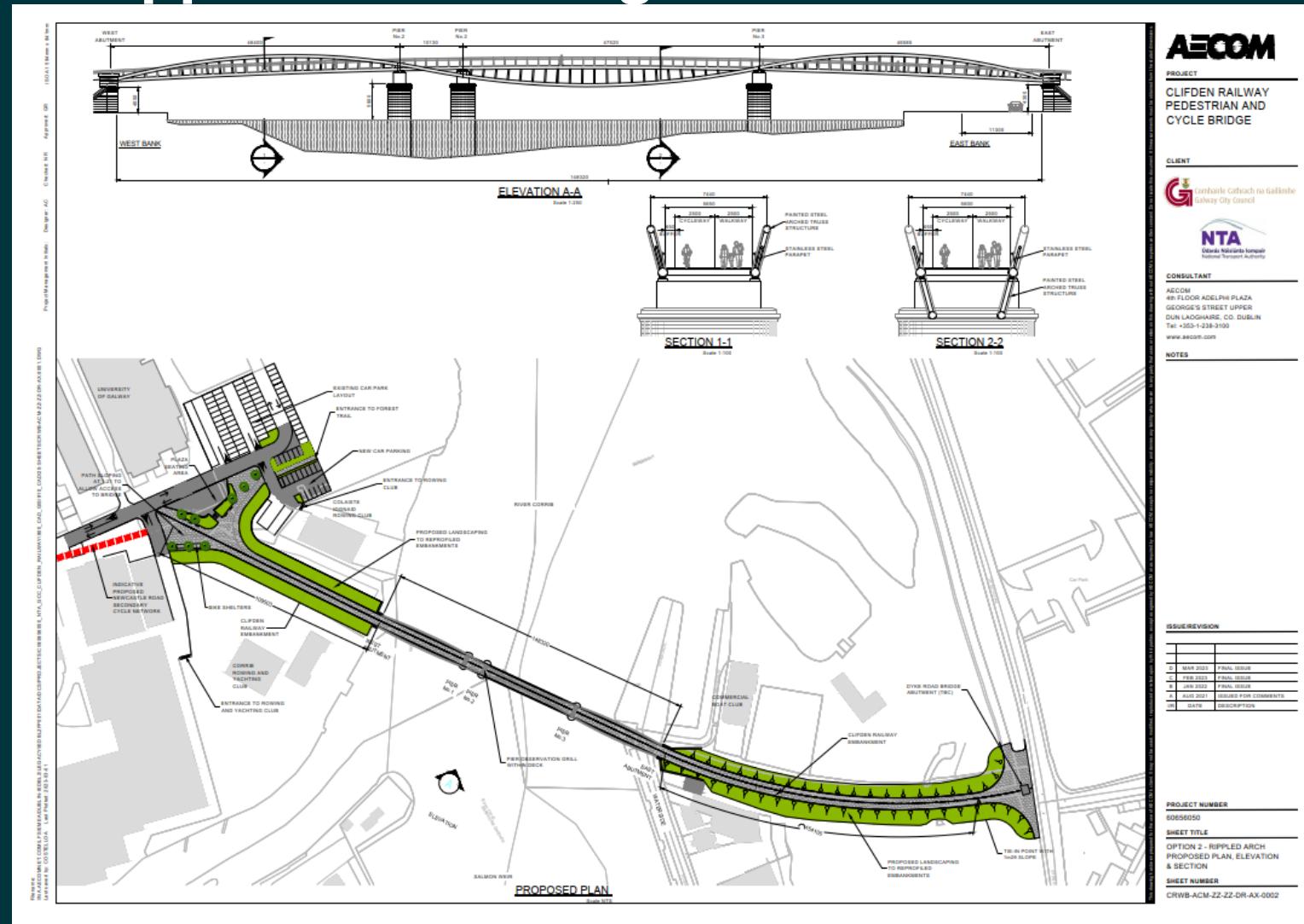


View Towards Cathedral



View from Salmon Weir Bridge

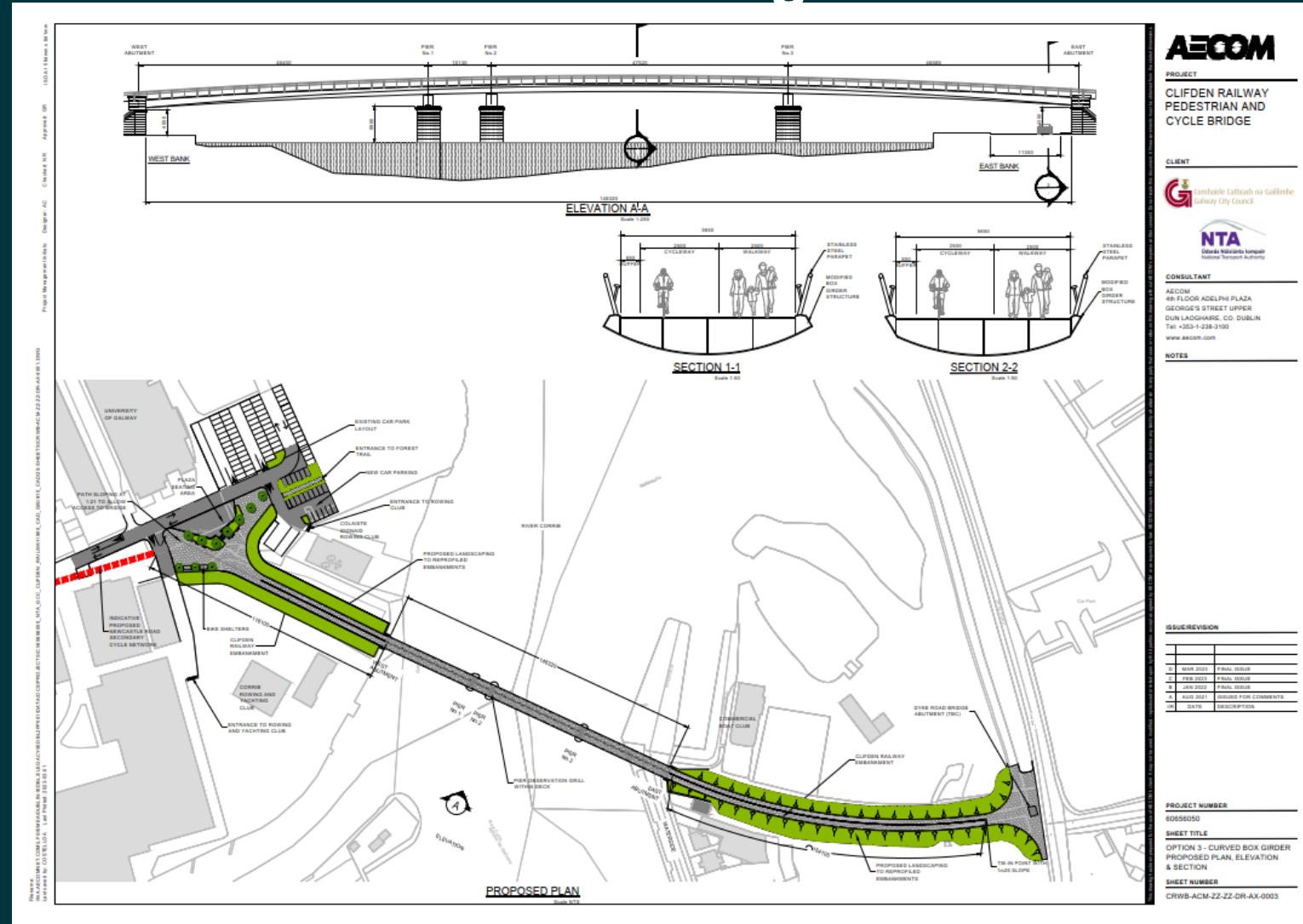
Option No.2 Rippled Arch Bridge



Option No.2 Rippled Arch Bridge



Option No.3 Curved Box Girder Bridge



Option No.3 Curved Box Girder Bridge



View from Salmon Weir/OPW

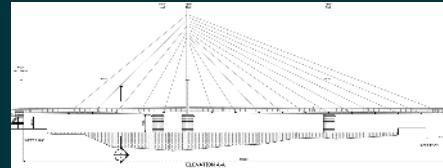


View Towards Cathedral



View from Salmon Weir Bridge

Multi-Criteria Analysis



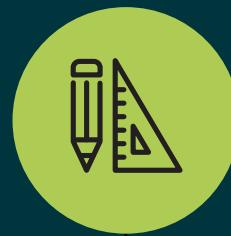
Colour	Description
Green	Significant advantages over the other options
Light Green	Some advantages over other options
Yellow	Neutral compared to other options
Orange	Some disadvantages compared to other options
Red	Significant disadvantages compared to other options

Assessment Criteria	Option 1 Asymmetric Cable Stayed	Option 2 Rippled Arch	Option 3 Curved Box Girder
Technical	Red	Green	Yellow
Economic	Orange	Yellow	Light Green
Aesthetics	Orange	Green	Yellow
Durability & Maintenance	Red	Yellow	Light Green
Environmental	Orange	Green	Light Green
Health & Safety	Red	Yellow	Light Green
Construction & Buildability	Red	Yellow	Light Green
Ground Conditions	Red	Yellow	Yellow

Next Steps



Receive Approval of the Emerging Preferred Bridge – Option 2



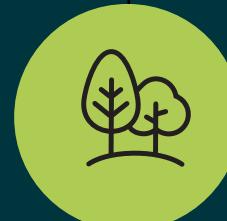
Preliminary Bridge Design



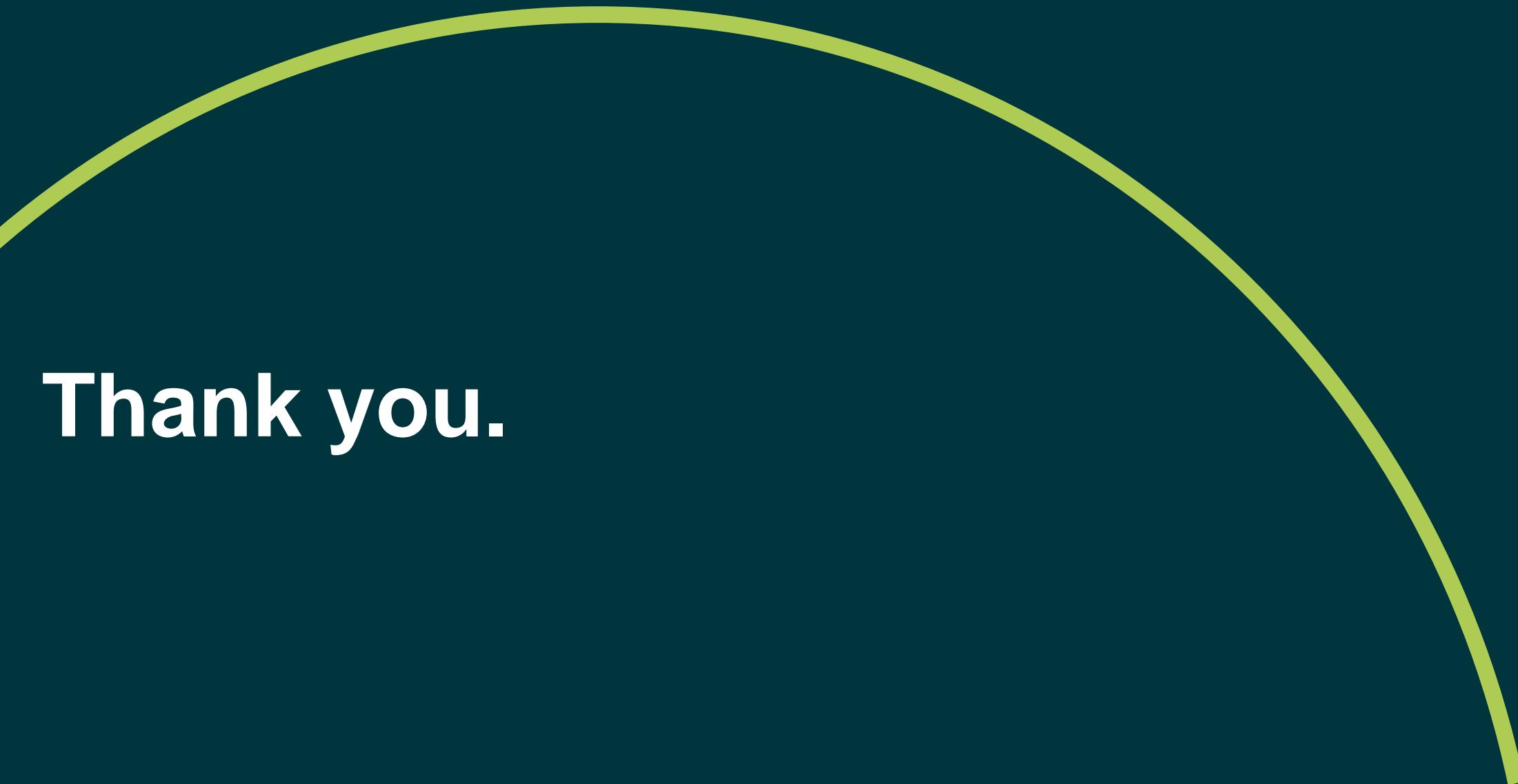
Achieve Full Statutory Consent



Carry Out a Non-Statutory Consultation



EIA Determination and AA Screening

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Thank you.

AECOM Delivering a
better world