

Proposed safety improvements/toucan crossing at the Seamus Quirke Road/Browne Roundabout

12 February 2024

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Sections

1. Is there a requirement for a signalised crossing?
2. Update on signalisation of Browne Roundabout
3. Interim solution
4. What's next – Section 38

Is there a requirement for a signalised crossing at Browne Roundabout ?

Yes, the current courtesy crossing is inadequate for the volume of pedestrians/vehicles

1. **Councillors** have made submissions to GCC for a signalised crossing at Browne Roundabout
 2. **Safe Route to School:** Galway Educate together National School and St. Joesph's School
 3. Strong **desire line** for pedestrians between residential areas and city centre
 4. **Cycle lanes** on Seamus Quirke Road – provide safe crossing and a route away from roundabout
 5. **Site visit, pedestrian and vehicle counts** have demonstrated that a signalised junction is justified
 6. GCC made a submission for capital funding to **TII** which was approved.
 7. A **tender** was issued for appointing a consulting engineer
 8. **DBFL Consulting Engineers** were appointed as the Consulting Engineer
-

Safety Concerns



School children trying to cross Seamus Quirke Road at proposed signalised crossing



Man having to scurry across the Seamus Quirke Road at the proposed crossing

Safety Concerns



Lady with bicycle having to dismount and run across the road



Pedestrians finding it difficult to cross at Seamus Quirke Road

Calculation for warrant of crossing

Pedestrian and vehicle counts were surveyed on Tuesday the 15th of November 2022

The need for the crossing was determined by using TII's Pedestrian Crossing Assessment (PV²).

If the PV² value exceeds 1x10⁸, a signalised junction is warranted. The crossing on Seamus Quirke Road is justified from 7am to 7pm.

Total number of pedestrians between the 12hr surveyed on the day, crossing Seamus Quirke Road was 1034 pedestrians.

The number of pedestrians/cyclists is being suppressed due to the difficulty crossing this major junction.

Time	Vehicles (V)	Pedestrians (P)	Difficulty Crossing Factor	PV ²	Utilisation	Comment
07:00 to 08:00	1352	49	1.0E+07	1.0E+08	100%	At Threshold, Crossing warranted
08:00 to 09:00	1570	130	1.0E+07	3.3E+08	330%	Above Threshold, Crossing Warranted
09:00 to 10:00	1491	99	1.0E+07	2.3E+08	230%	Above Threshold, Crossing Warranted
10:00 to 11:00	1341	80	1.0E+07	1.5E+08	154%	Above Threshold, Crossing Warranted
11:00 to 12:00	1348	73	1.0E+07	1.4E+08	143%	Above Threshold, Crossing Warranted
12:00 to 13:00	1386	81	1.0E+07	1.7E+08	166%	Above Threshold, Crossing Warranted
13:00 to 14:00	1471	73	1.0E+07	1.7E+08	168%	Above Threshold, Crossing Warranted
14:00 to 15:00	1537	95	1.0E+07	2.3E+08	234%	Above Threshold, Crossing Warranted
15:00 to 16:00	1465	61	1.0E+07	1.4E+08	141%	Above Threshold, Crossing Warranted
16:00 to 17:00	1201	98	1.0E+07	1.5E+08	151%	Above Threshold, Crossing Warranted
17:00 to 18:00	1119	99	1.0E+07	1.3E+08	134%	Above Threshold, Crossing Warranted
18:00 to 19:00	1336	96	1.0E+07	1.8E+08	181%	Above Threshold, Crossing Warranted

Update on signalisation of Browne Roundabout to a junction



Update on proposed signalisation of roundabout

Galway Transport Strategy has identified the following strategy for Browne Roundabout:

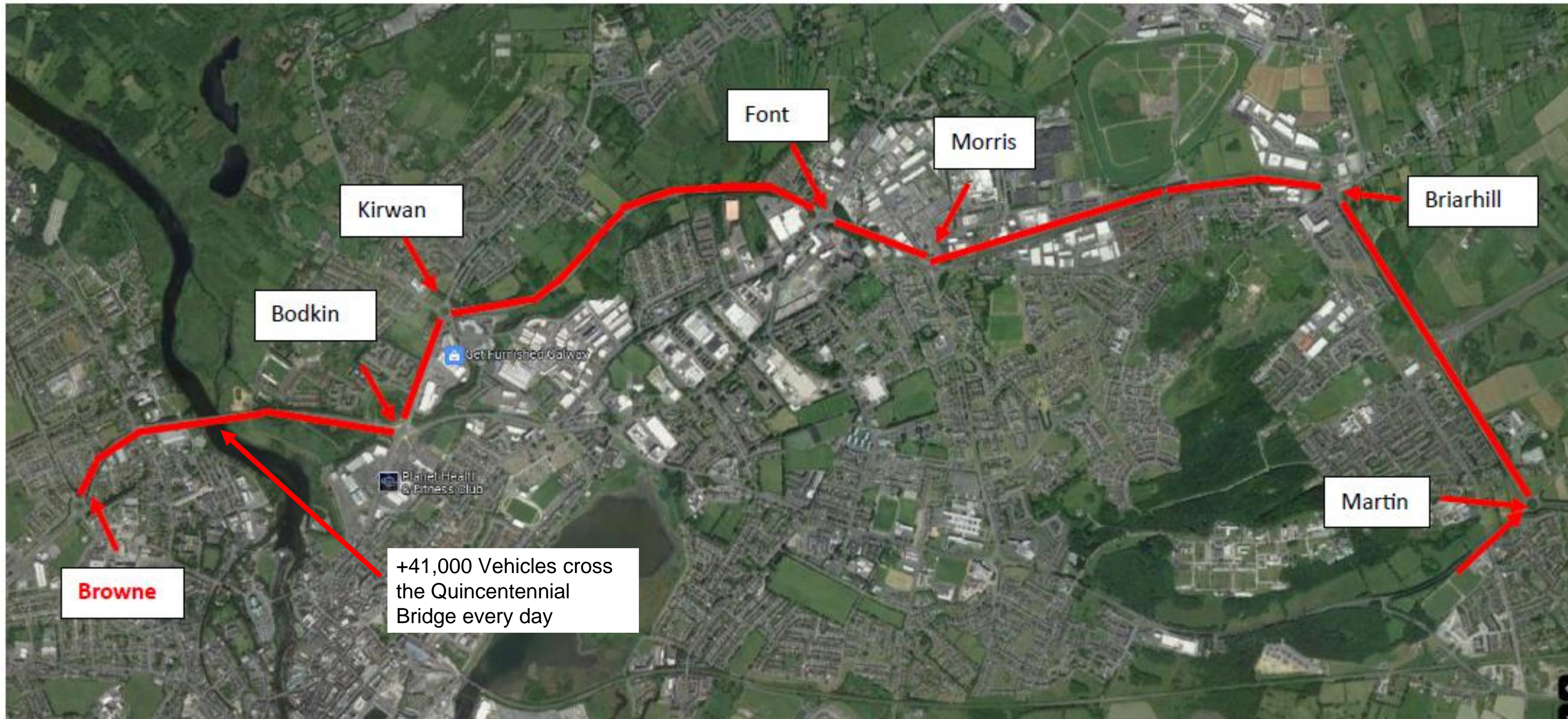
- “Creating a new link from Browne Roundabout through the University Hospital Grounds and on to University Road”
- “Browne Roundabout: Conversion of roundabout to signalised junction with realignment of one arm, and provision of pedestrian crossing facilities”

Consultation has occurred between the hospital and GCC to develop the link through the UCHG campus. The signalisation of the Browne Roundabout will be linked with the upgrade of UCHG campus.

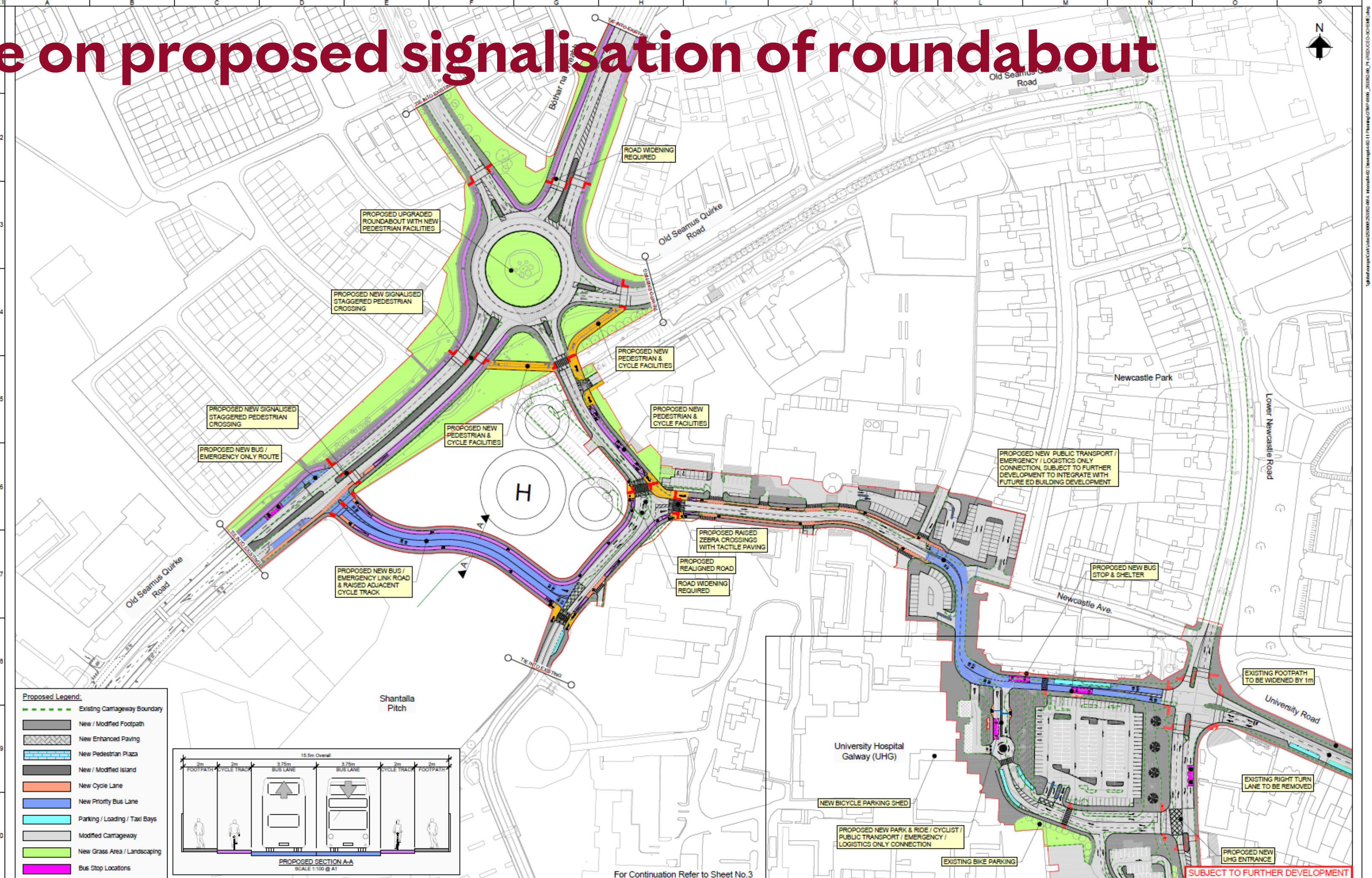
There is no agreed timeline with the Hospital to proceed with this strategy

GCC are proposing an interim solution to improve the safety for vulnerable road users

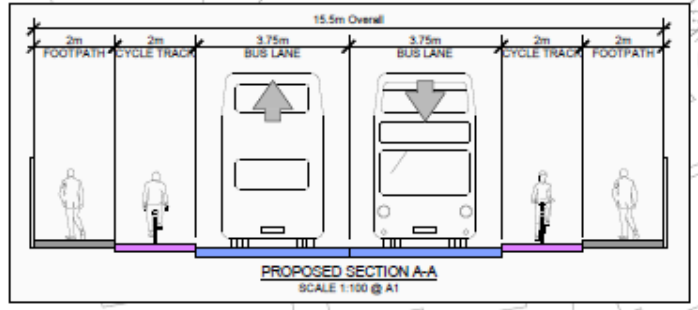
Multi-Modal N6 Transport Corridor



Update on proposed signalisation of roundabout



- Proposed Legend:**
- Existing Carriageway Boundary
 - New / Modified Footpath
 - New Enhanced Paving
 - New Pedestrian Plaza
 - New / Modified Island
 - New Cycle Lane
 - New Priority Bus Lane
 - Parking / Loading / Taxi Bays
 - Modified Carriageway
 - New Grass Area / Landscaping
 - Bus Stop Locations



DRAFT

Client
Galway City Council

Job Title
Galway City Centre
Transport Management Plan

Scale: A1 1:1000 @ A1 (1:2000 @ A3)

Discipline
Consulting

ARUP

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Drawing Title
General Arrangement

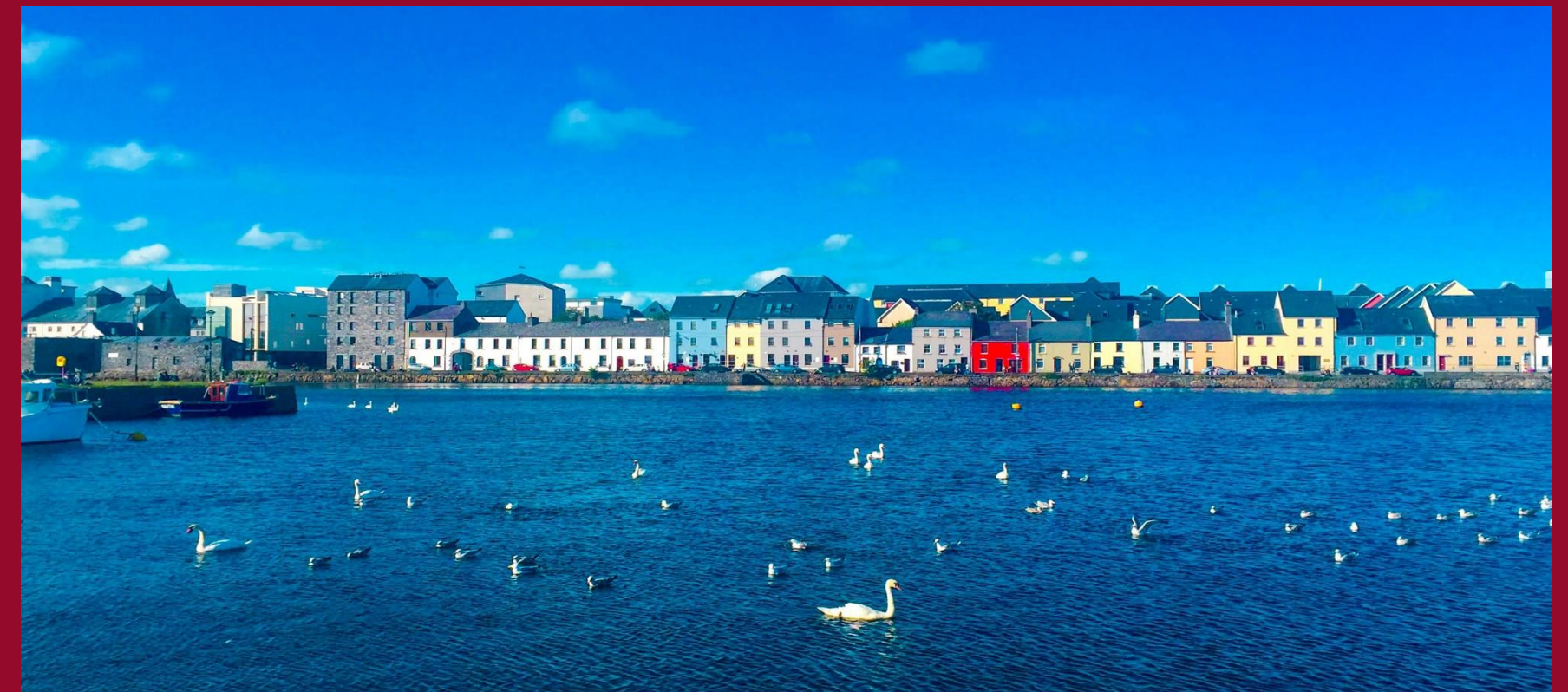
Sheet 09 of 09

Drawing Status
Planning

Job No: 253352-00 Drawing No: GTMP-0100-09 Issue: P1

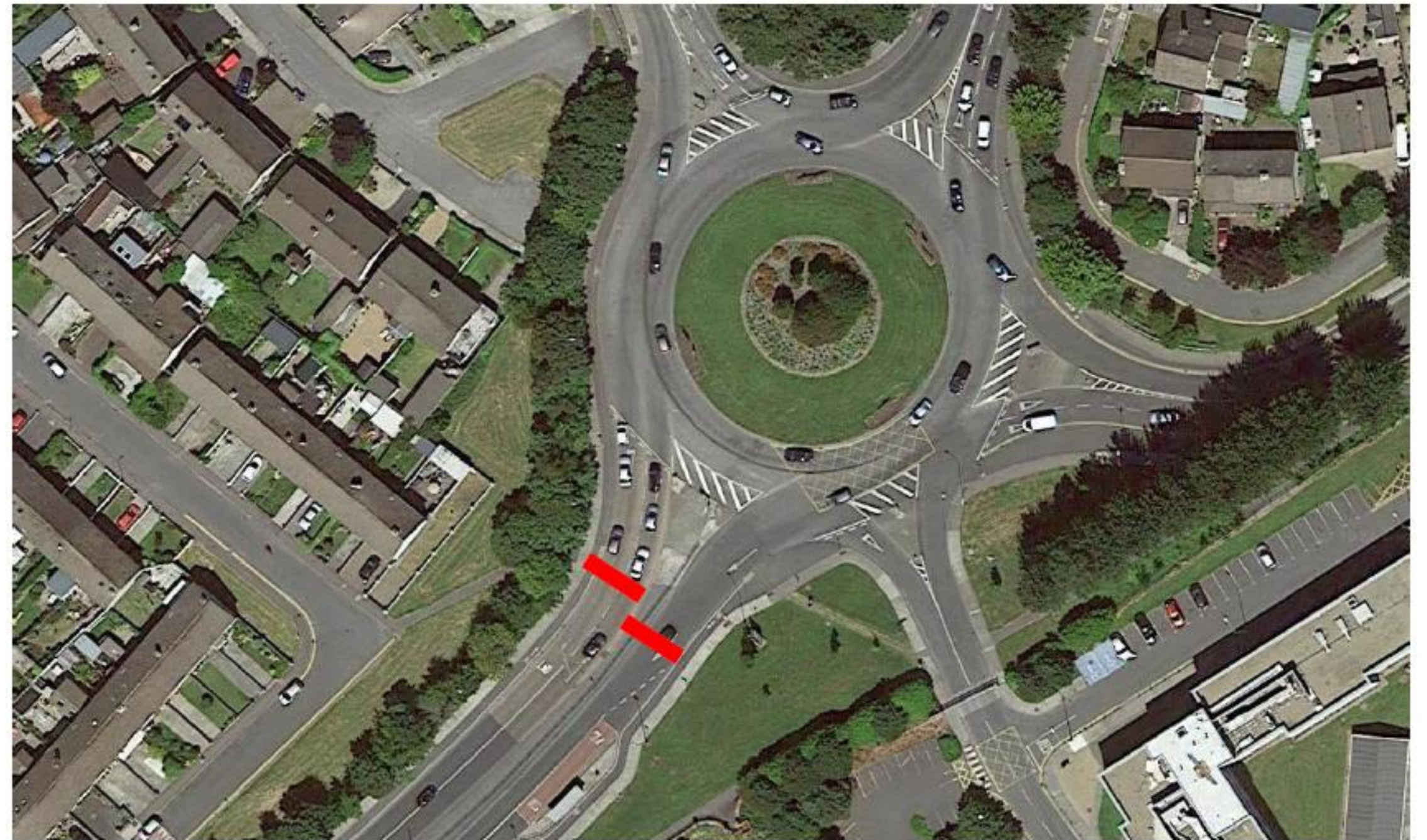
WORK IN PROGRESS

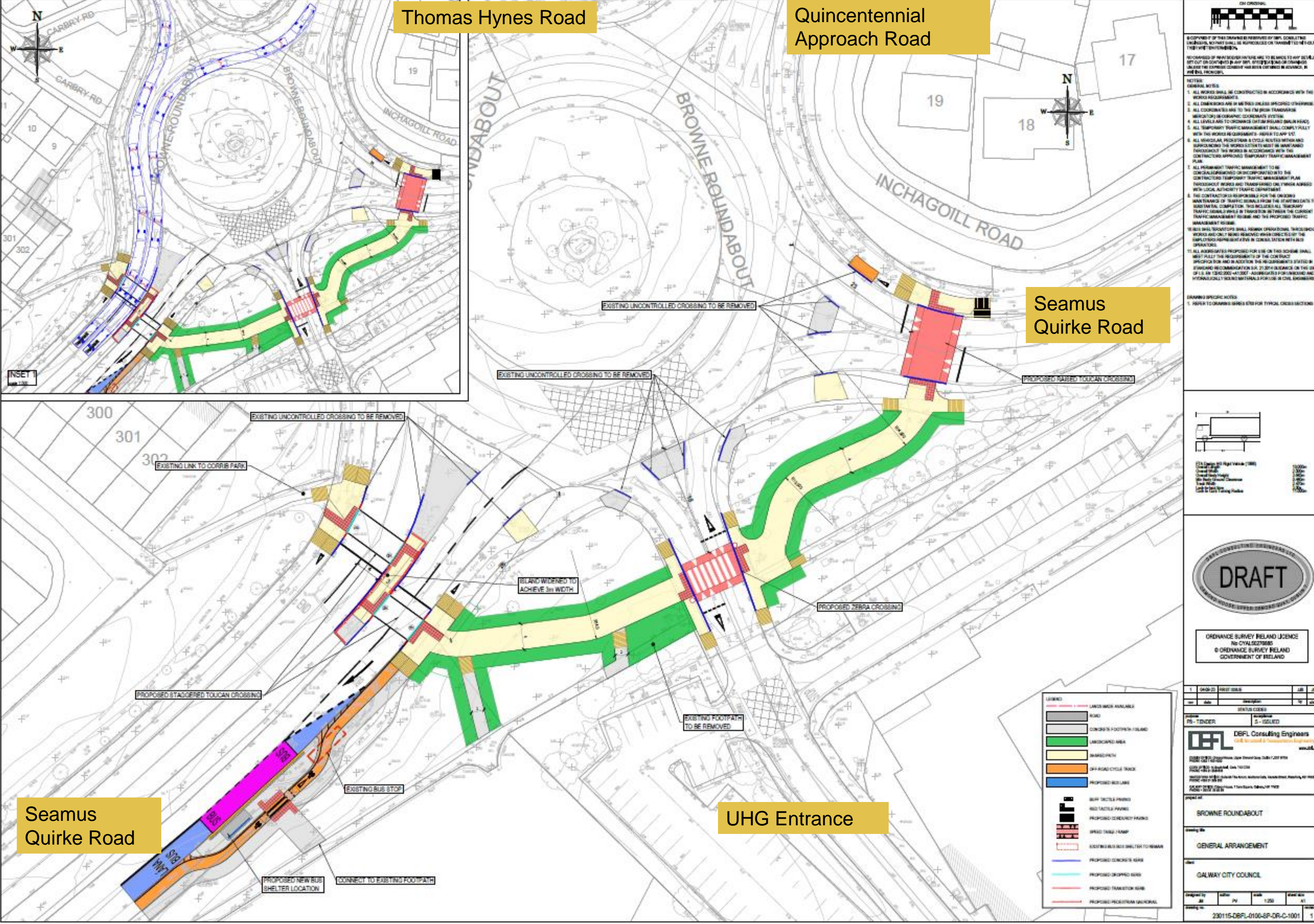
Proposed Interim Solution – Toucan Crossing



Interim Solution – Toucan Crossing

A toucan crossing allows pedestrians and cyclists to cross at the same time without requiring cyclists to dismount and walk across.





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NOTES:
1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WORKS REQUIREMENTS.
2. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIC OTHERWISE.
3. ALL COORDINATES ARE TO THE IRISH TRANSVERSE MERCATOR GRID COORDINATE SYSTEM.
4. ALL LEVELS AND TO CORNICES ARE IN IRISH SEA LEVEL.
5. ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY FULLY WITH THE WORKS REQUIREMENTS - REFER TO APP. 15.
6. ALL SIGNALS, PROVISIONS & CYCLE RELATED WORKS AND SIGNALLING THE WORKS SHALL BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC MANAGEMENT PLAN.
7. ALL TEMPORARY TRAFFIC MANAGEMENT TO BE CONDUCTED THROUGHOUT SHALL BE COMPLETED WITHIN THE CONTRACTORS APPROVED TEMPORARY TRAFFIC MANAGEMENT PLAN THROUGHOUT WORKS AND TRANSFERRED ON TO WHEN APPLICABLE WITH LOCAL AUTHORITY TRAFFIC DEPARTMENT.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE DURING MAIN STAGES OF TRAFFIC SIGNALS FROM THE STARTING DATE TO SIGN OFF DATE. THIS INCLUDES ALL TEMPORARY TRAFFIC SIGNALS IN TENDER IN TERMS OF CURRENT TRAFFIC MANAGEMENT PLAN AND THE PROPOSED TRAFFIC MANAGEMENT PLAN.
9. ALL SIGNALS SHALL REMAIN OPERATIONAL THROUGHOUT WORKS AND ONLY BE REMOVED WHEN CONFLICTS WITH THE EMPLOYERS REQUIREMENTS IN CONSULTATION WITH BUS OPERATORS.
10. ALL AREAS SET ASIDE FOR USE ON THIS SCHEME SHALL MEET THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND IN ADDITION THE REQUIREMENTS SET OUT IN STANDARD RECOMMENDATION S.R. 21 2014 ISSUED ON THE 01/03/15. IN ADDITION ALL SET ASIDE AREAS SHALL BE MAINTAINED TO MEET ALL REQUIREMENTS FOR USE IN CIVIL ENGINEERING.

DRAWING SPECIFIC NOTES:
1. REFER TO DRAWING SHEETS FOR TYPICAL CROSS SECTIONS

Scale: 1:250
1:500
1:1000
1:2000

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BROWNE ROUNDABOUT
GENERAL ARRANGEMENT
GALWAY CITY COUNCIL

Designed by: [Name] Scale: 1:250 Sheet No: 01
Checked by: [Name] Scale: 1:250 Sheet No: 01

Objectives

The interim solution does meet the objectives of the scheme;

1. Remove conflict between vulnerable road users and vehicles ✓
 2. Prioritise vulnerable road users as per local, regional and national policy ✓
 3. Encourage modal shift ✓
 4. Provide a safe route to school ✓
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What's next – Section 38



What's Next

The works will be delivered under Section 38 of the road Traffic Act (1994)

A non-statutory public consultation will commence late February, where submissions/observations can be made.

Submissions/observations will be reviewed and assessed to determine

1. The proposal should proceed without any further modifications
 2. The proposal should proceed with some modifications or
 3. The proposal should not proceed
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Questions

