

Cork County Council



Proposed Ballinrea Junction Upgrade Works, Ballinrea, Carrigaline, Co Cork.

Drawing Schedule

Drawing No.	Drawing Title	Rev.	Scale	Size
L2473-LM-01	Location Map	D1	NTS	A3
ARP-S0-XX-DR-CH-0001	Plan and Profile - Sheet 1	P02	1:500	A3
ARP-S0-XX-DR-CH-0002	Plan and Profile - Sheet 2	P02	1:1000	A3
ARP-S0-XX-DR-CH-0003	Typical Cross Section	P02	1:50	A3

PART 8 PLANNING

Drawings prepared pursuant to the requirements of Article 81 and Article 83,
Part 8 of the Planning and Development Regulations, 2001 (as amended)

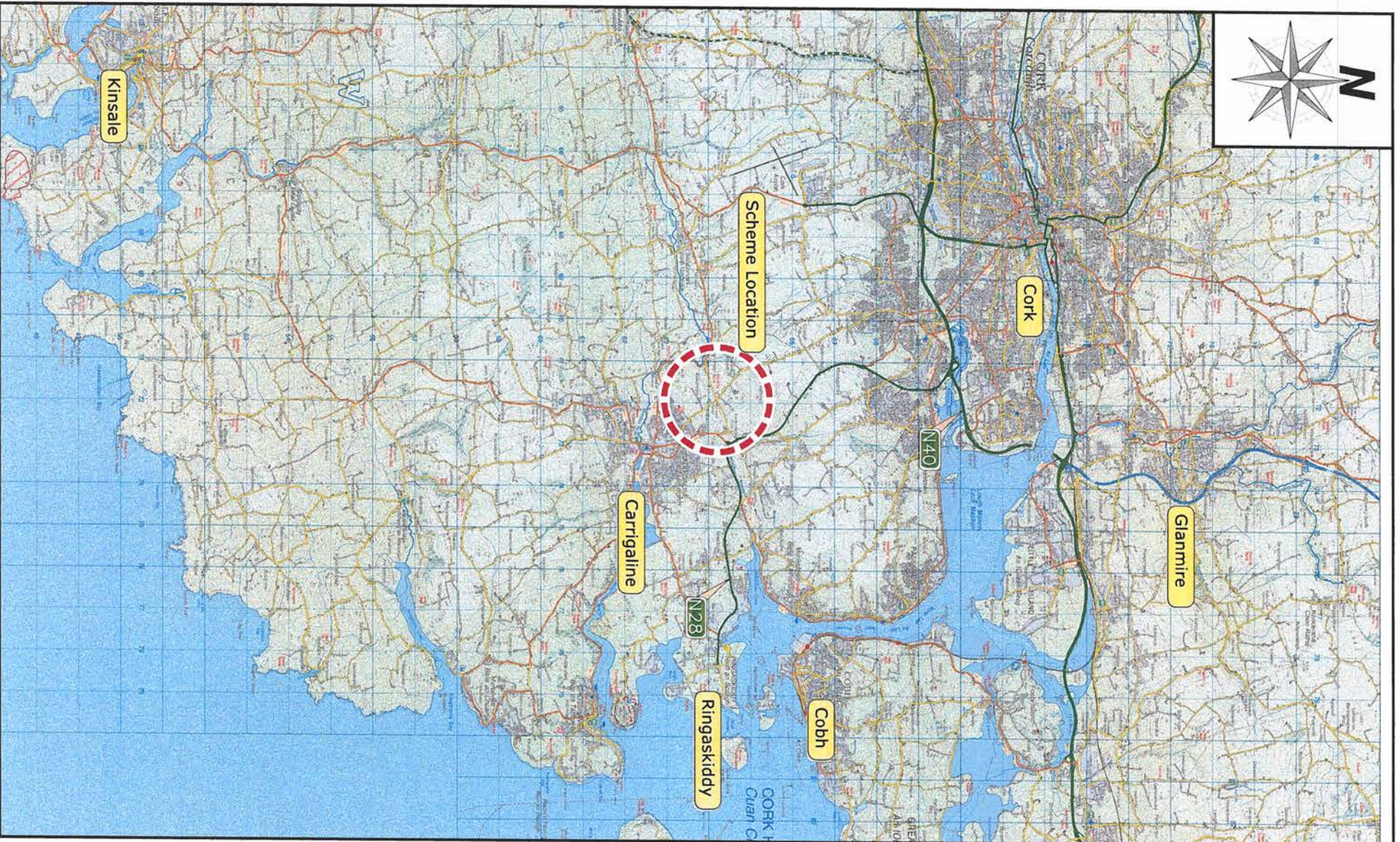
October 2023

Regional & Local Road Design Office

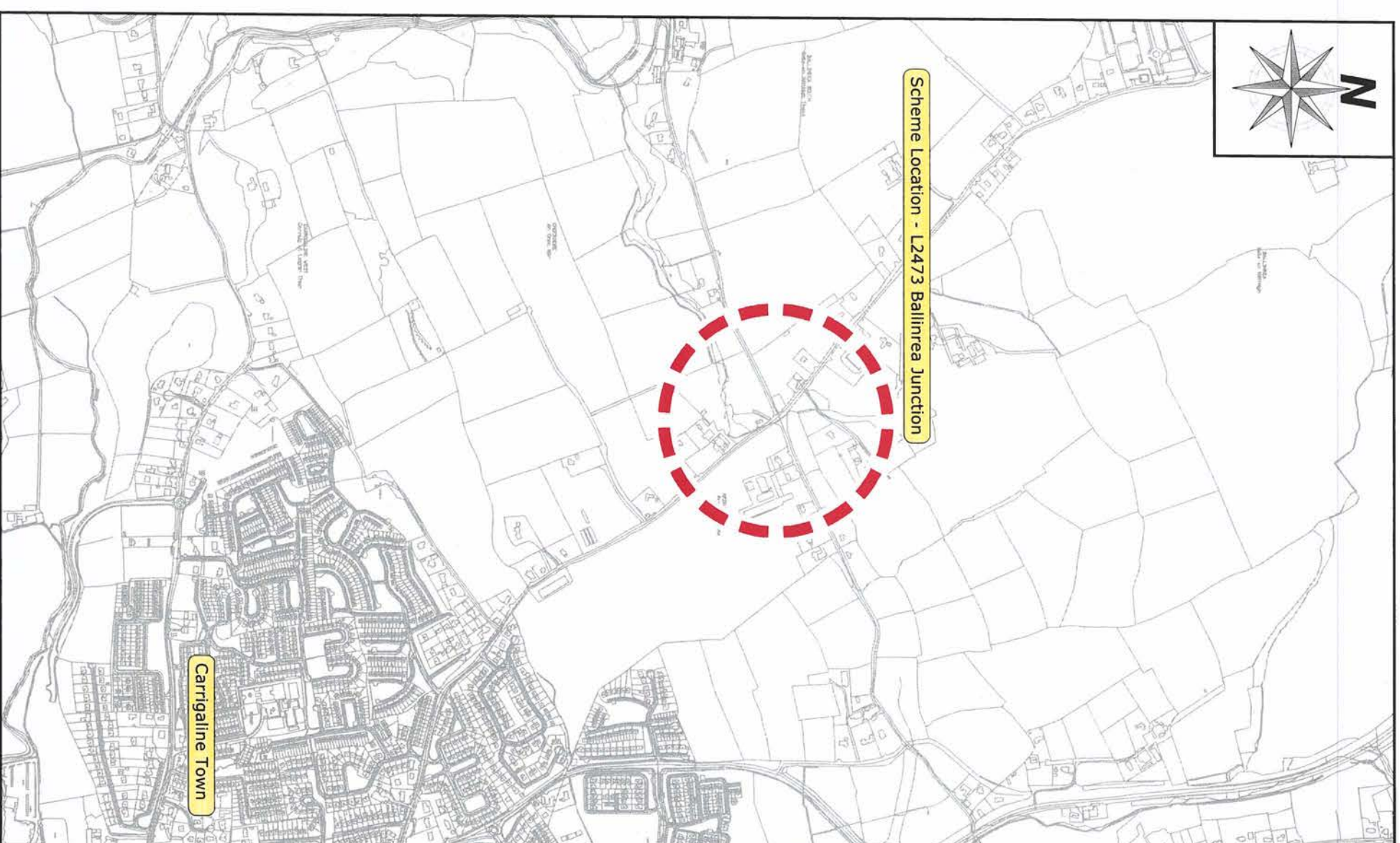
Floor 3

County Library Building

Carrigrohane Road, Cork, T12 K335.



Not to Scale



Not to Scale

Rev.	By	Date	Description		
© Copyright					
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0m	10mm	20mm	30mm	40mm	50mm

CORK COUNTY COUNCIL
Regional & Local Roads Design Office
Floor 2
County Library Building
Carrigeek, Carrigaline
Cork, Co. Cork
T12 K235

L2473 Ballinrea Junction

Location Map

24 August 2023	14.04.2011	NIS	A3
Section 3B	L2473-LM-01		D1



Slope will be revised from 1:2 to 1:3 during detail design stage. No need of proposed safety barrier at this stage.

Plan Legend

- Cut slope
- Grass verge
- Carriageway
- Kerb
- Proposed Safety Barrier
- Proposed Safety Barrier Transition
- Safety Barrier Terminal
- Proposed Safety Barrier
- Safety Barrier Transition
- Safety Barrier Terminal

General Notes

1. This drawing is only to be used for the design element(s) identified in the title box. All other information shown on the drawings is to be considered indicative only.
2. This drawing is to be read in conjunction with all other drawings, reports, specification and schedules.
3. All levels are in meters Above Ordnance Datum (Mean Head Datum, Survey grid and all coordinates are in Irish Transverse Mercator).
4. For profiles, kindly refer Drawing : 288984-ARP-SV-XX-DR-CH-000002

Notes:
 Designer Note: Client to ensure all data and standards to be used. Major design assessments, on-going studies and the information received from the public may result in changes to these constraints and options.
 Note: Design is subject to approval by the relevant authority. It is not to be used for construction or any other purpose without the written consent of the relevant authority.

Client:
 Cork County Council
 Udaras Náisiúnaí Éireann
 National Transport Authority

Key Plan

Consultant:
 ARUP

Job Title:
 Ballinrea Cross Roundabout

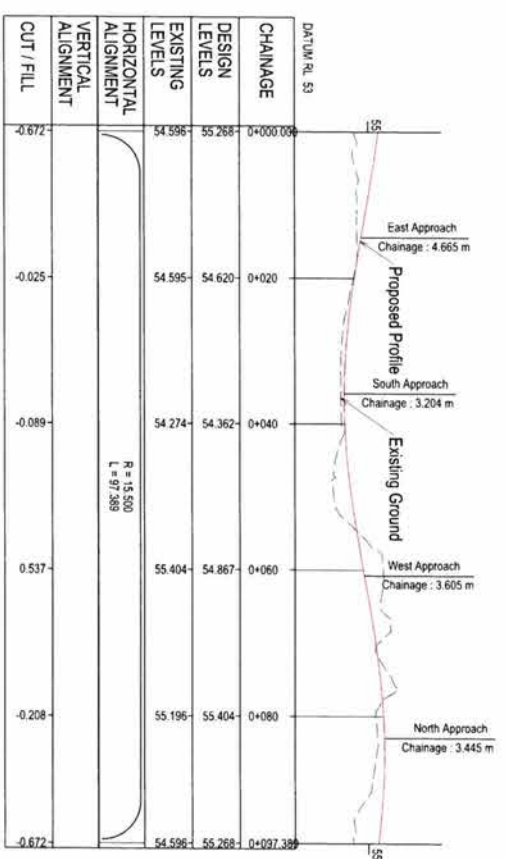
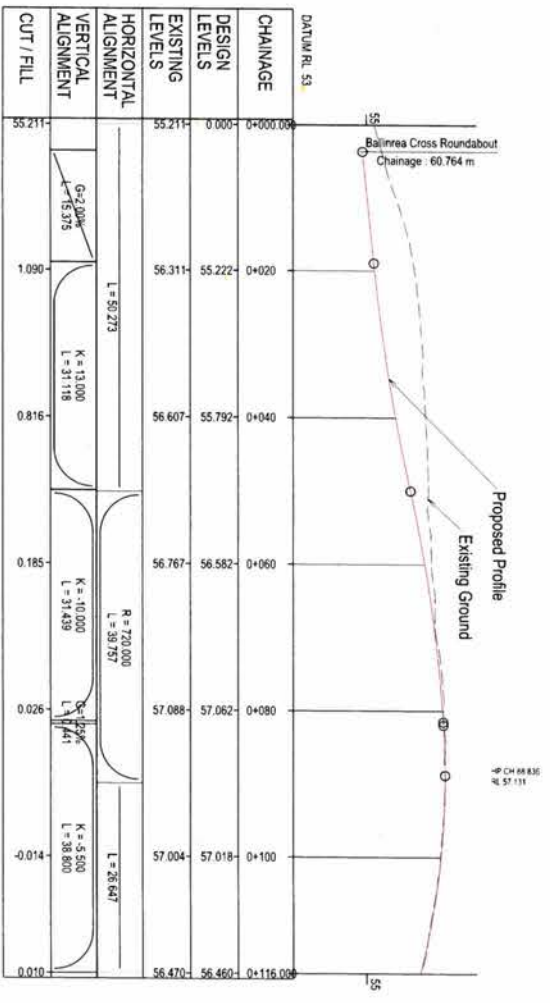
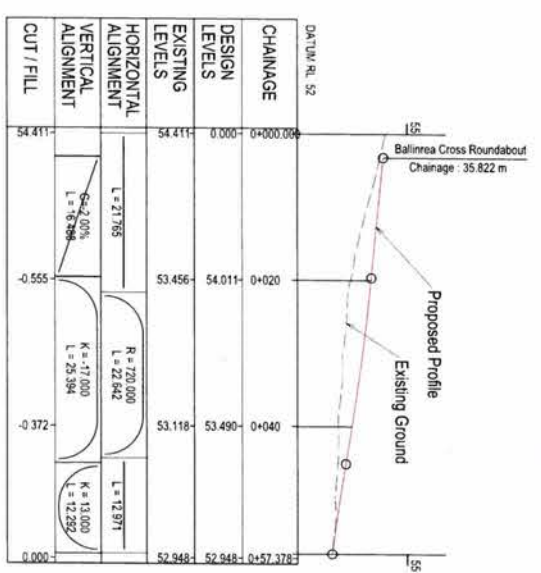
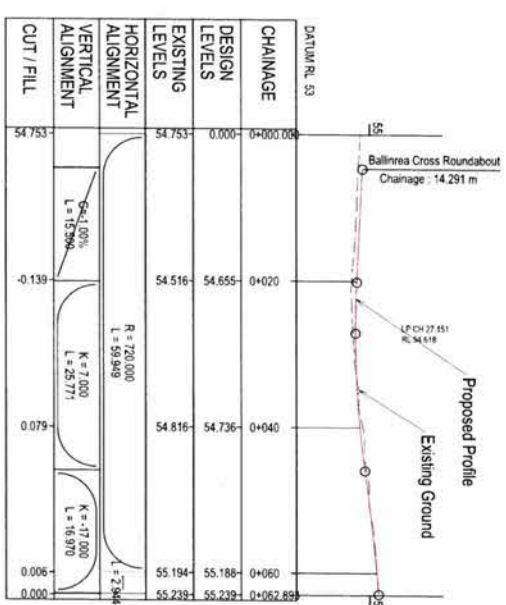
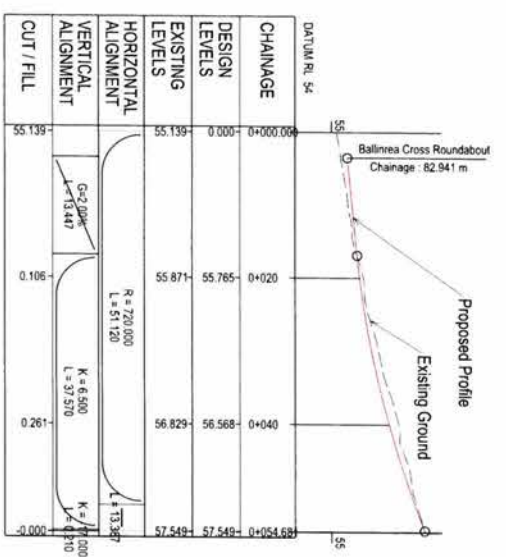
Scale: 1:250H/25V @ A1, 1:500H/50V @ A3
Author: Civil - Highways
Date: August 2023

Drawn	Checked	By	Date
PQ2	EO	SV	EO
PQ1	EO	SV	EO
Issue	Checked	By	Date

OS Licence number 202208, NMA, 139
 OS Licence number 202210, CCA

Drawing Title:
 Plan and Profile
 Ballinrea Cross Roundabout
 Sheet 1

Scale: S2 - Suitable for Information
Figure ID: P02
Drawing No.: 288984-ARP-SV-XX-DR-CH-000001



Notes:
 The Contractor and Operator shall be responsible for all design and construction details. The Contractor shall be responsible for all design and construction details. The Contractor shall be responsible for all design and construction details.

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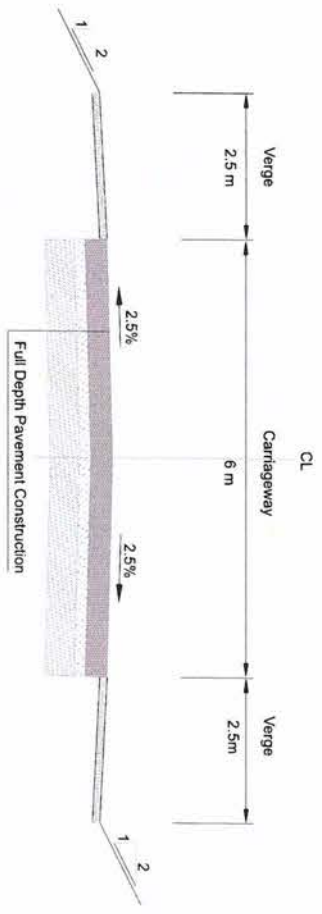
Notes:
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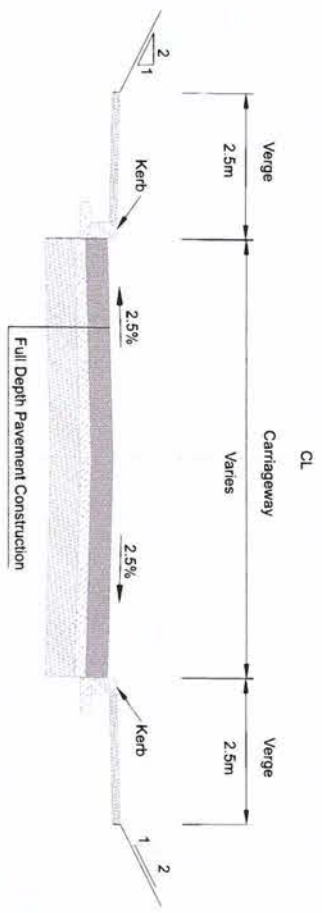
Job Title: Ballinrea Cross Roundabout
Scale: 1:500H/50V @A1, 1:1000H/100V @A3
Rev: Civil - Highways
Date: August 2023

Rev	Date	By	Appd
P02	02/08/2023	SV	EO
P01	03/03/2023	SV	EO

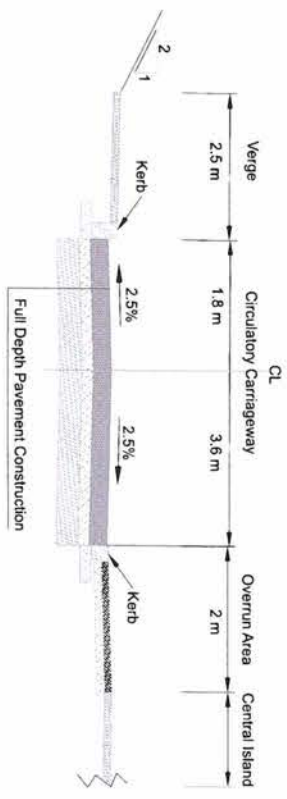
Drawing Title: Plan and Profile
Sheet: S2 - Suitable for Information
Sheet No: 288984
Figure ID: P02
Rev: P02



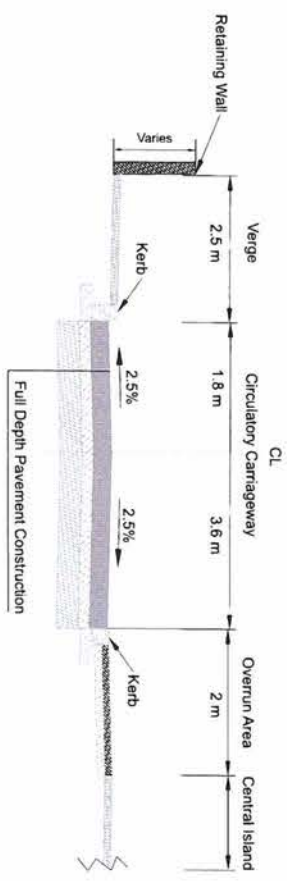
Typical Cross Section 1
Approach to Roundabout



Typical Cross Section 2
Approach to Roundabout
at Entry and Exit



Typical Cross Section 3
Roundabout



Typical Cross Section 4
Roundabout with Retaining Wall

Notes:
 1. The Consultant and Options shown are for information only and are subject to change. Please refer to the project brief and the contract documents for the project. Any change to the project brief or contract documents is subject to the contract documents and options.
 2. The Consultant is not responsible for the design of any structure or other works shown on this drawing as it is the responsibility of the contractor, or other relevant parties, to ensure that any structure or other works are designed and constructed in accordance with the relevant standards and regulations.

Client:
 Cork County Council
 National Transport Authority

Key Plan:
 ARUP
 One Albert Quay
 Cork, T12 XNKE
 Ireland
 Tel: +353 (0)21 422 5200
 www.arup.ie

Job Title: Ballinrea Cross Roundabout

Scale: 1:50

Rev: Civil - Highways

Date: August 2023

Issue	Date	By	Chd	Appd
P02	20/08/2023	SV	ED	GZ
P01	15/02/2023	SV	ED	GZ

Drawing Title:
 Typical Cross Section
 Ballinrea Cross Roundabout

Stability:
 S2 - Suitable for Information

Figure ID:
 288984

Rev:
 P02

Drawing No:
 288984-ARP-S0-XX-DR-CH-000003

OS Licence number 2022/26, NMA, 119
 OS Licence number 2022/11/CCMA