

Bray to City Centre Core Bus Corridor Scheme

August 2023

Natura Impact Statement

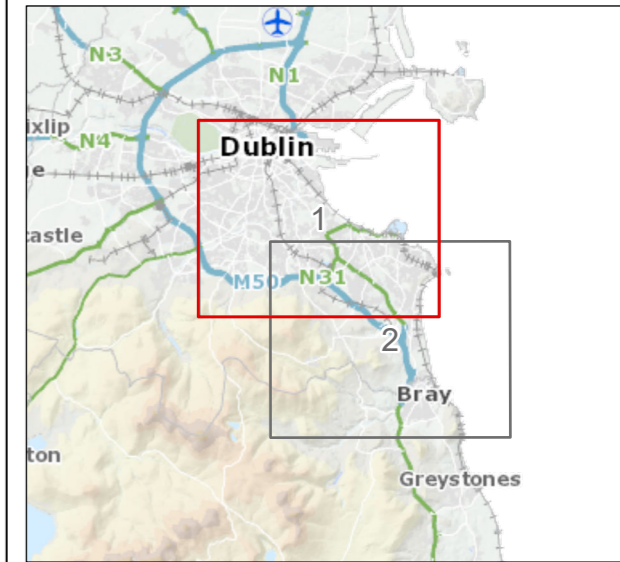
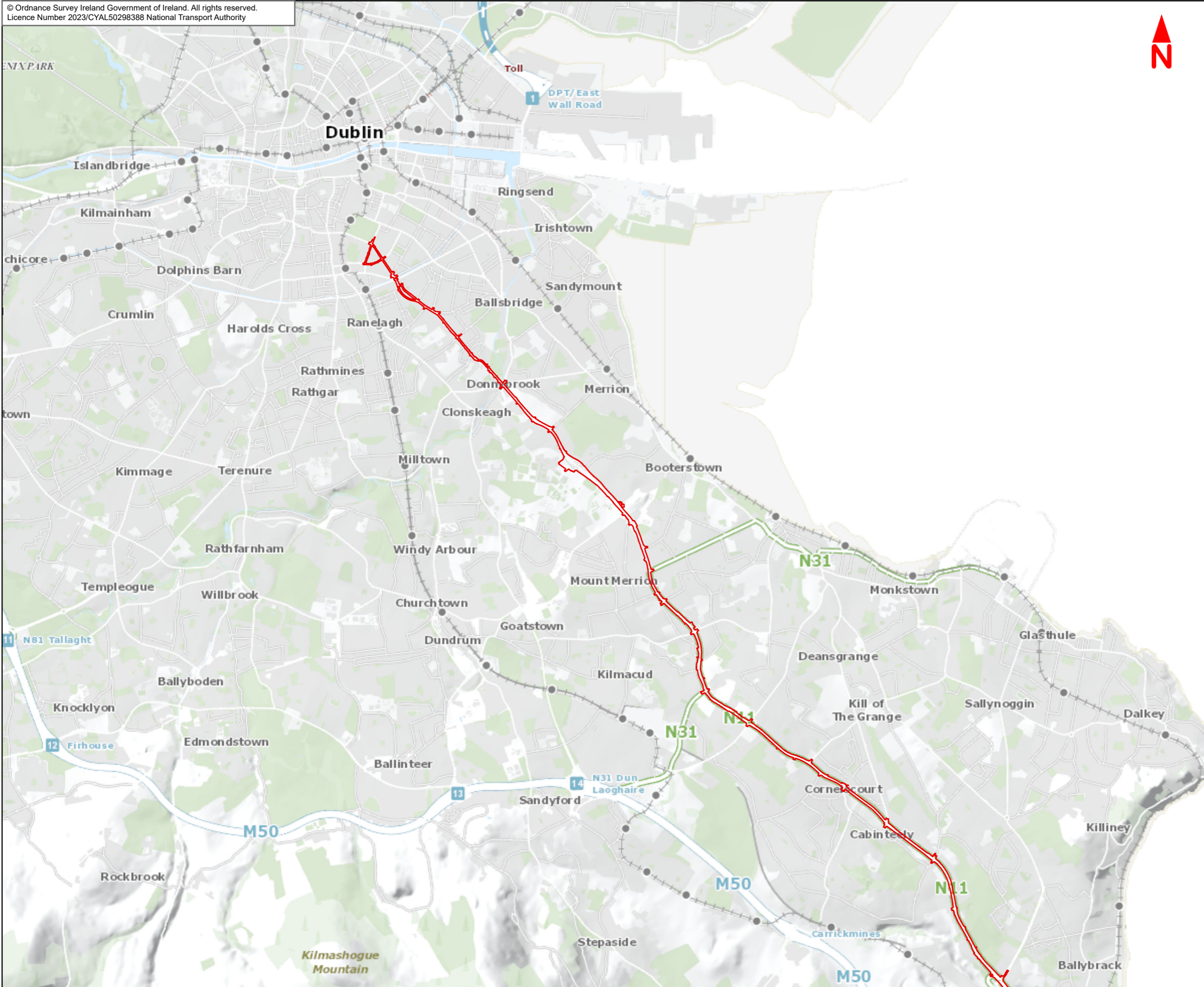
Figures

**BUS
CONNECTS**

SUSTAINABLE TRANSPORT FOR A BETTER CITY.

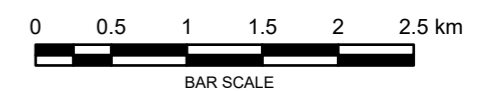


Figure 1
Proposed Scheme
Location



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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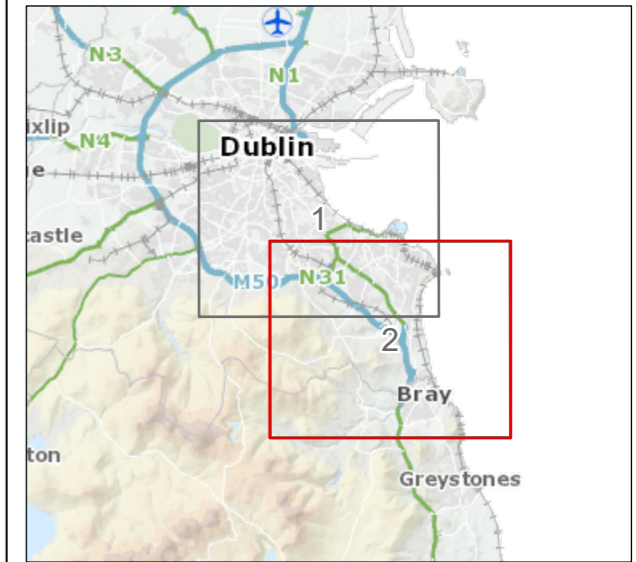
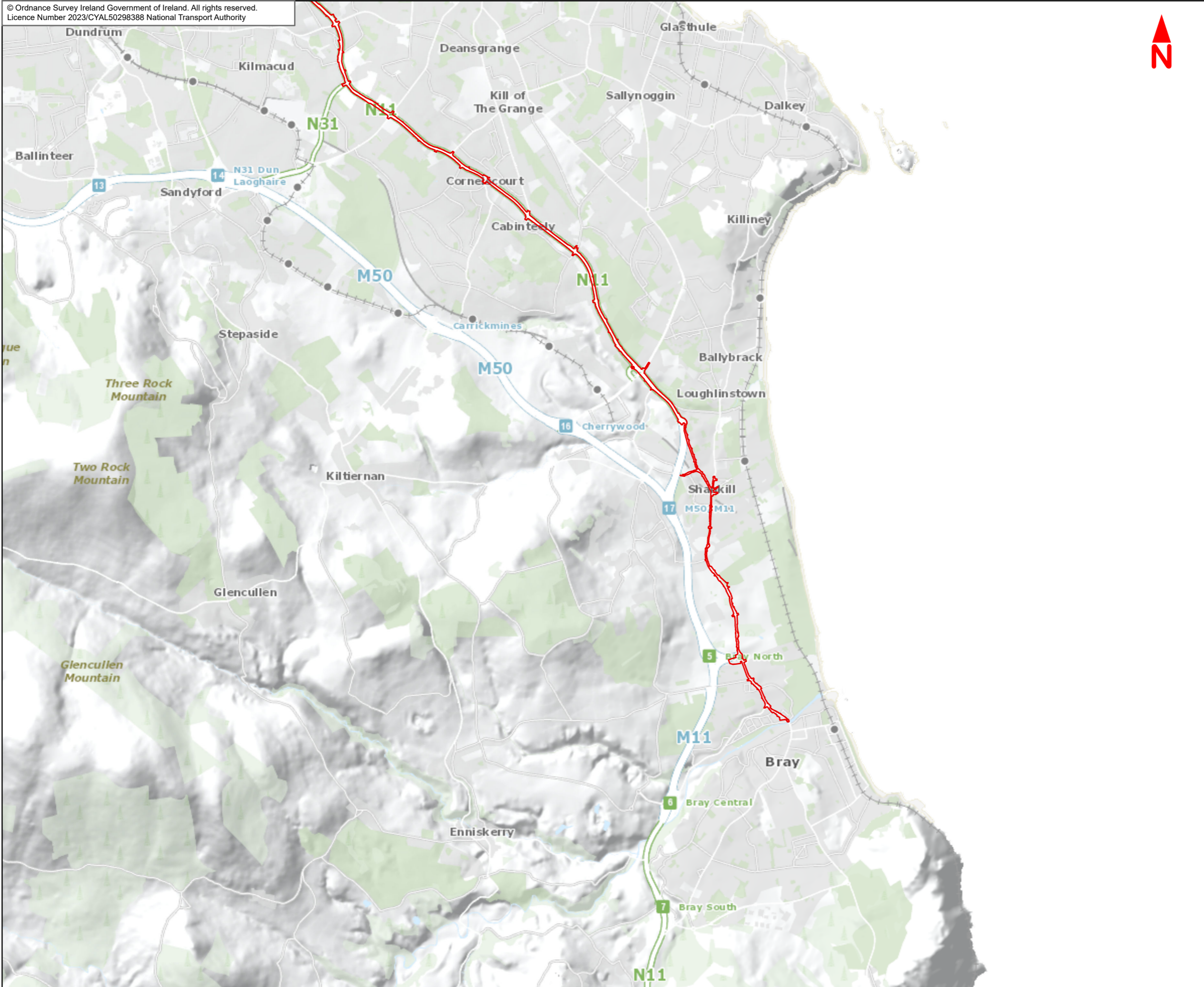
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	TJ	PW	DK	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Consultant
JACOBS
ARUP SYSTRA

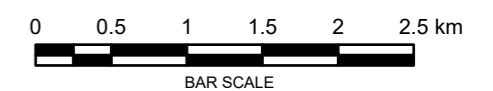
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 1 Proposed Scheme Location				
Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-1002	Sheet Number 1 of 2	Status A	Rev M01	

Date 10/05/2023	Scale @ A3 1:50 000	Drawn TJ	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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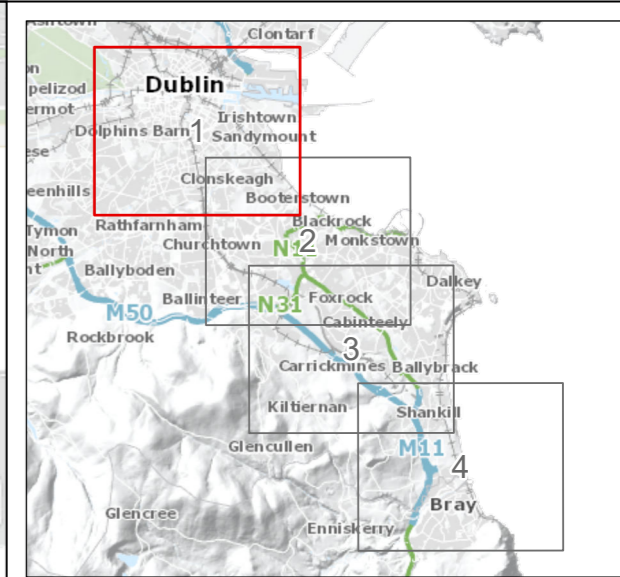
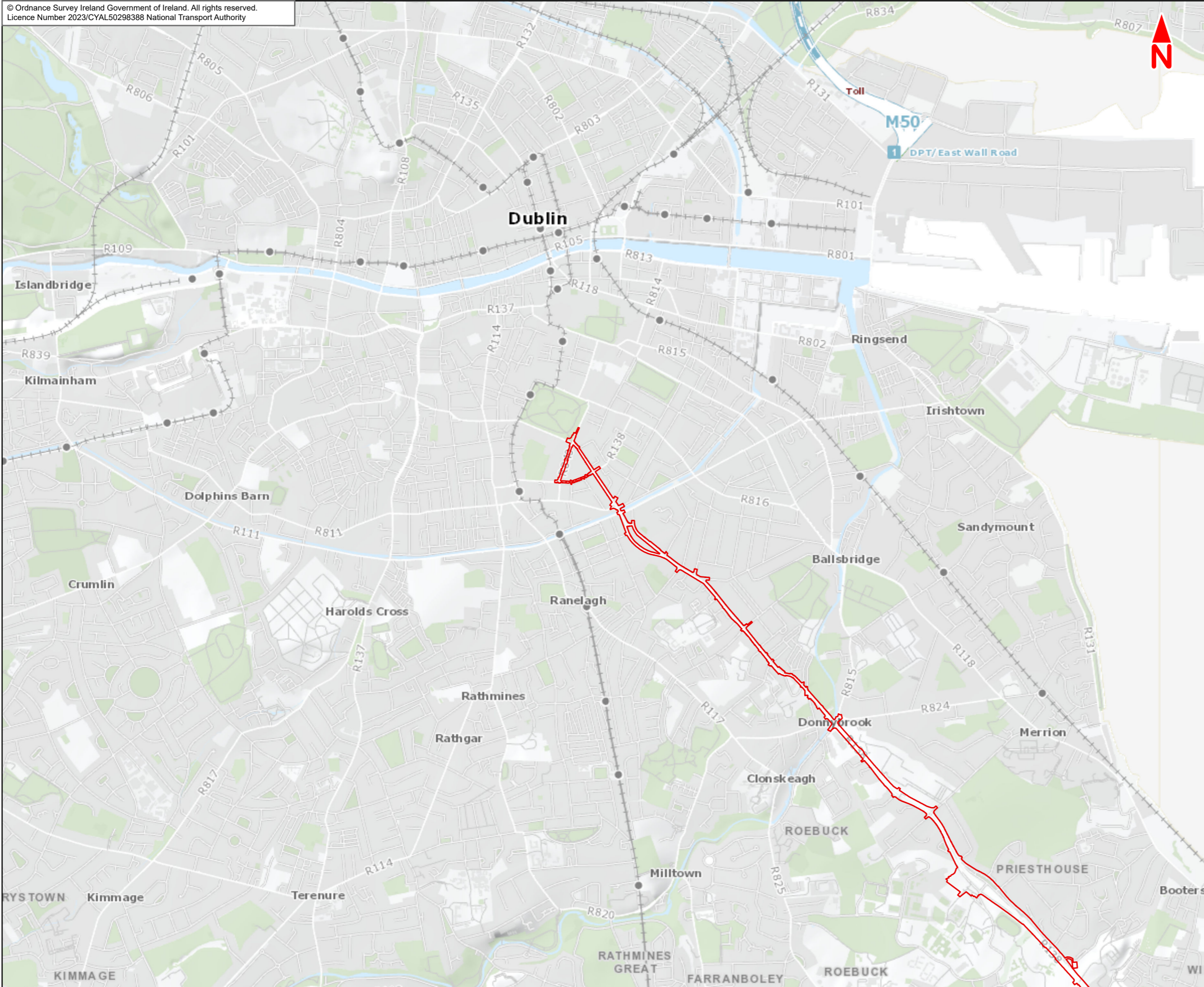
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BCIDE	JAC			

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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 1 Proposed Scheme Location				
Drawing File Name	Sheet Number	Status	Rev	
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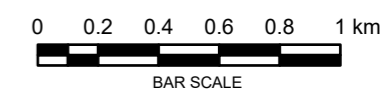


Figure 2
Wintering Bird
Survey Sites



Legend :
 Bray to City Centre Core Bus Corridor Scheme

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 National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

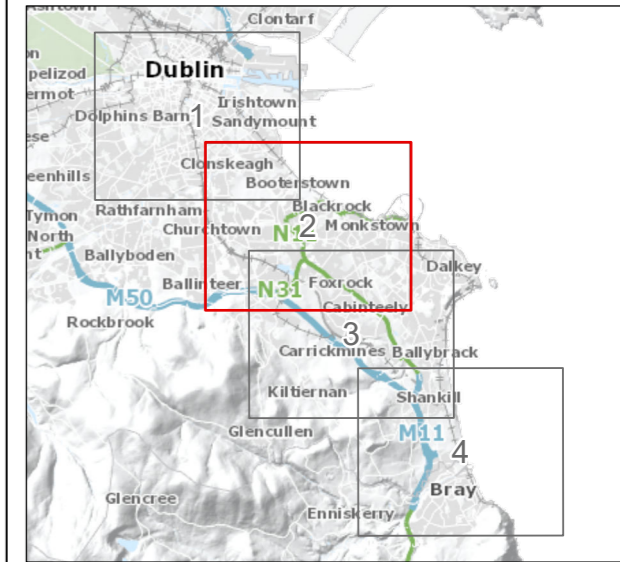
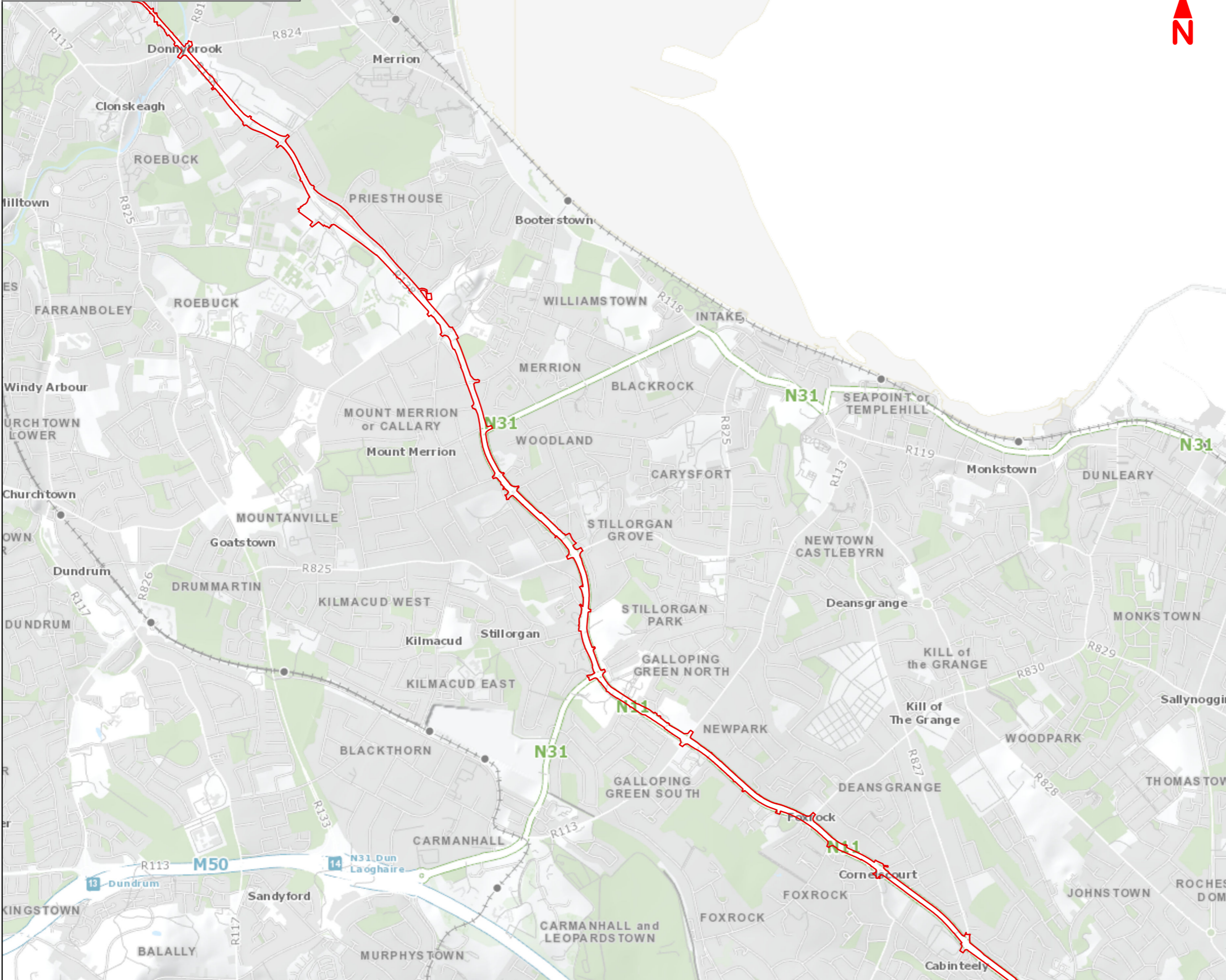
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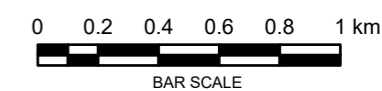
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Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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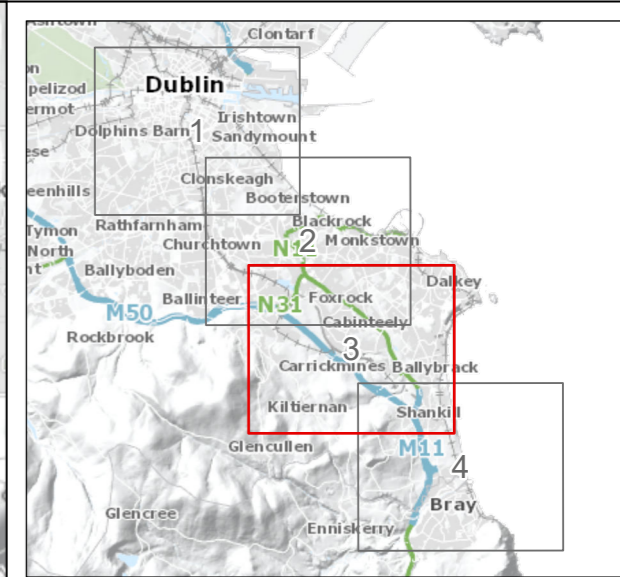
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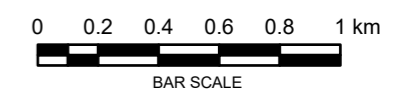
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 10/05/2023	Scale @ A3 1:25 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 2 Ecological Study Areas: Wintering Bird Survey Sites				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-1303	Sheet Number 2 of 4	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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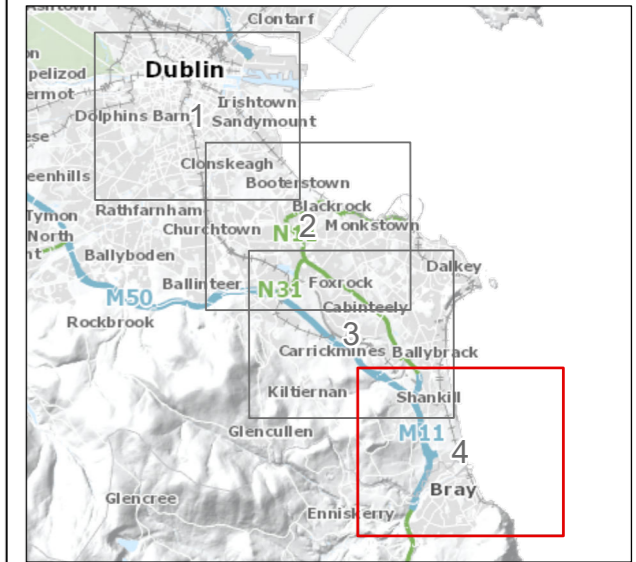
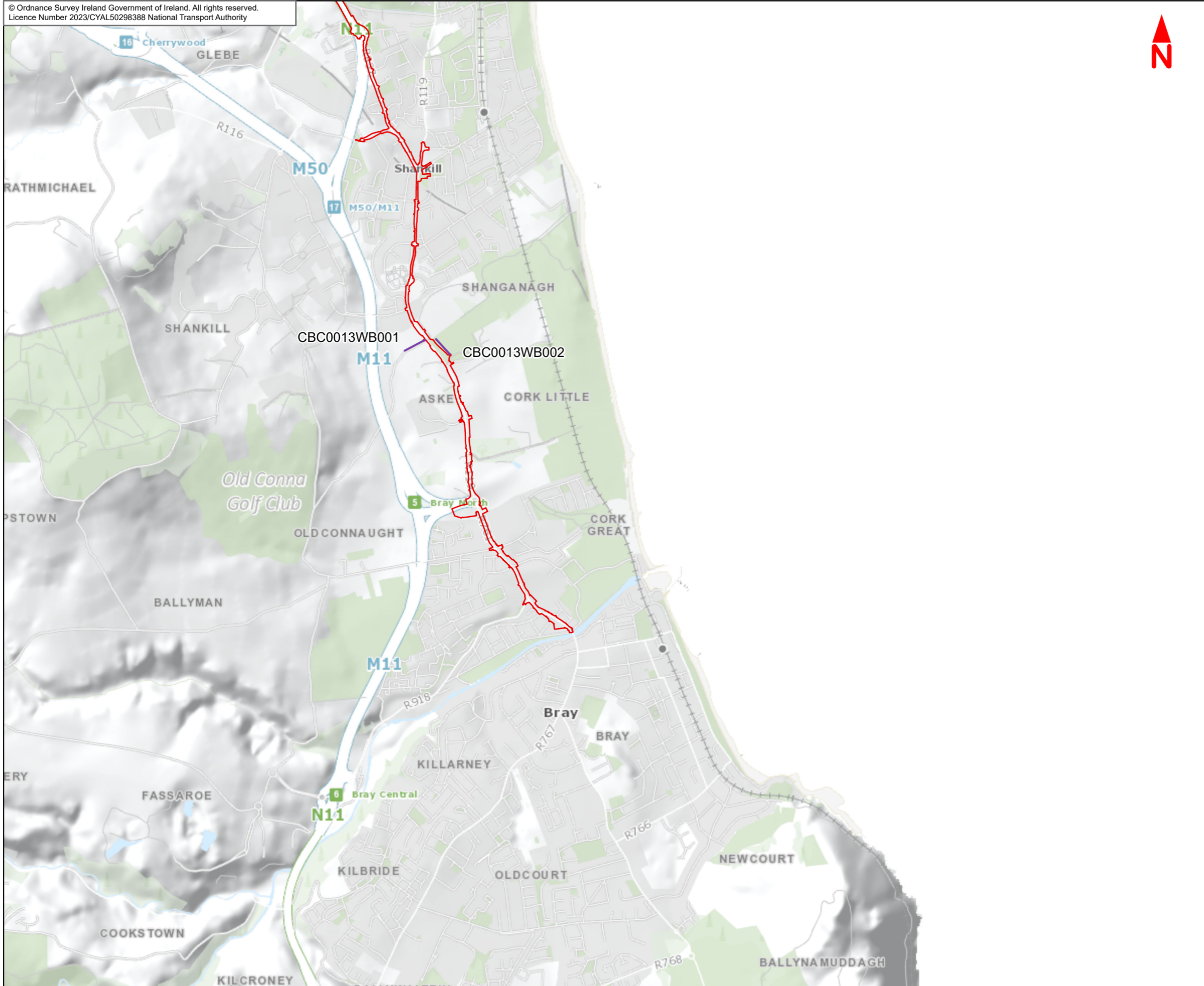
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 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

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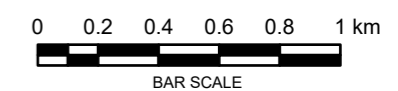
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Drawing File Name: BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-1302	Sheet Number: 3 of 4	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Wintering Bird Survey Transects

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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 2 Ecological Study Areas: Wintering Bird Survey Sites				
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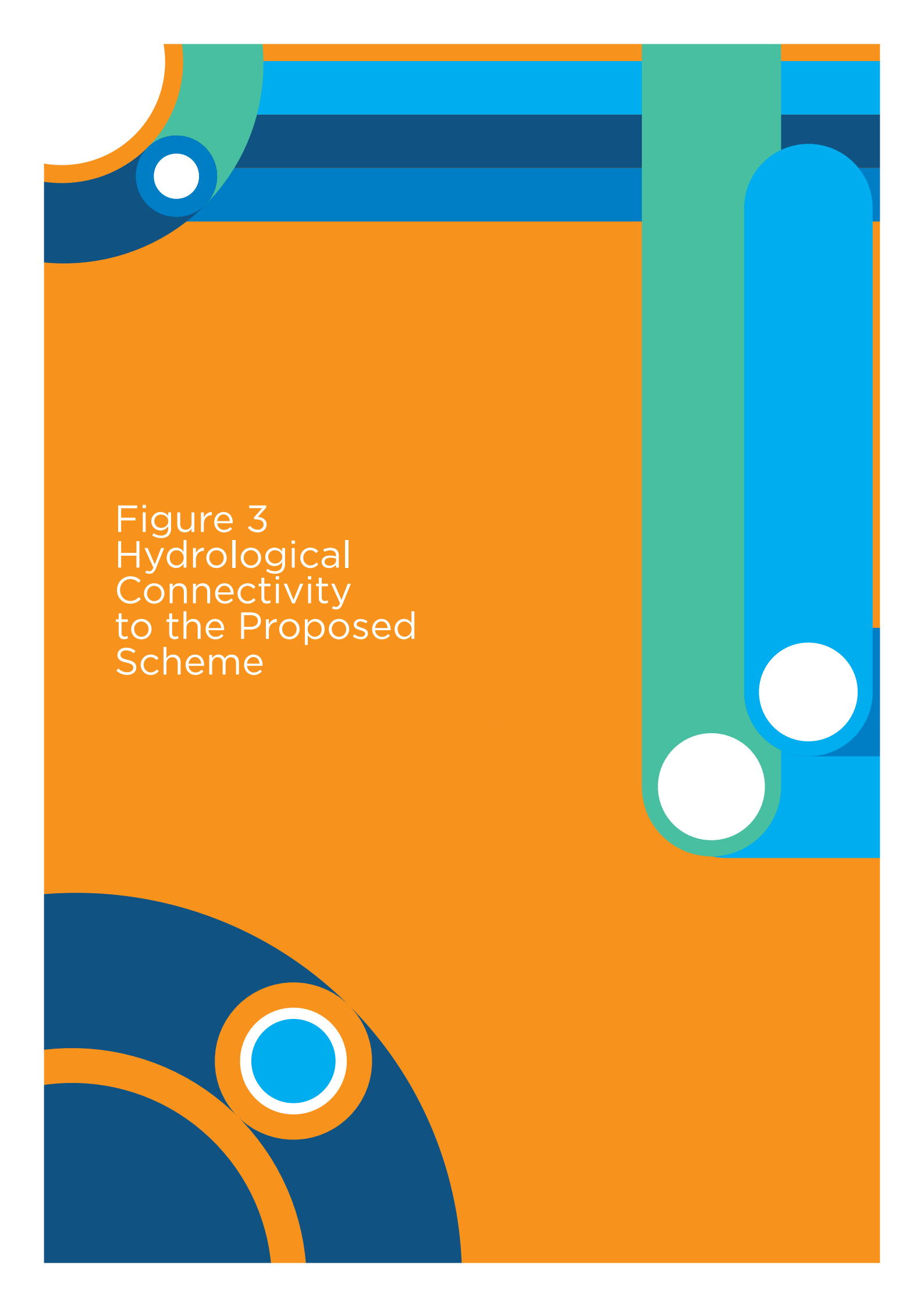
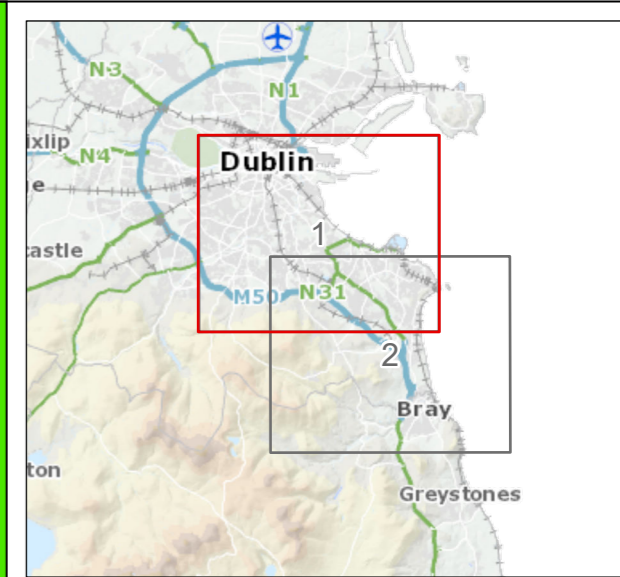
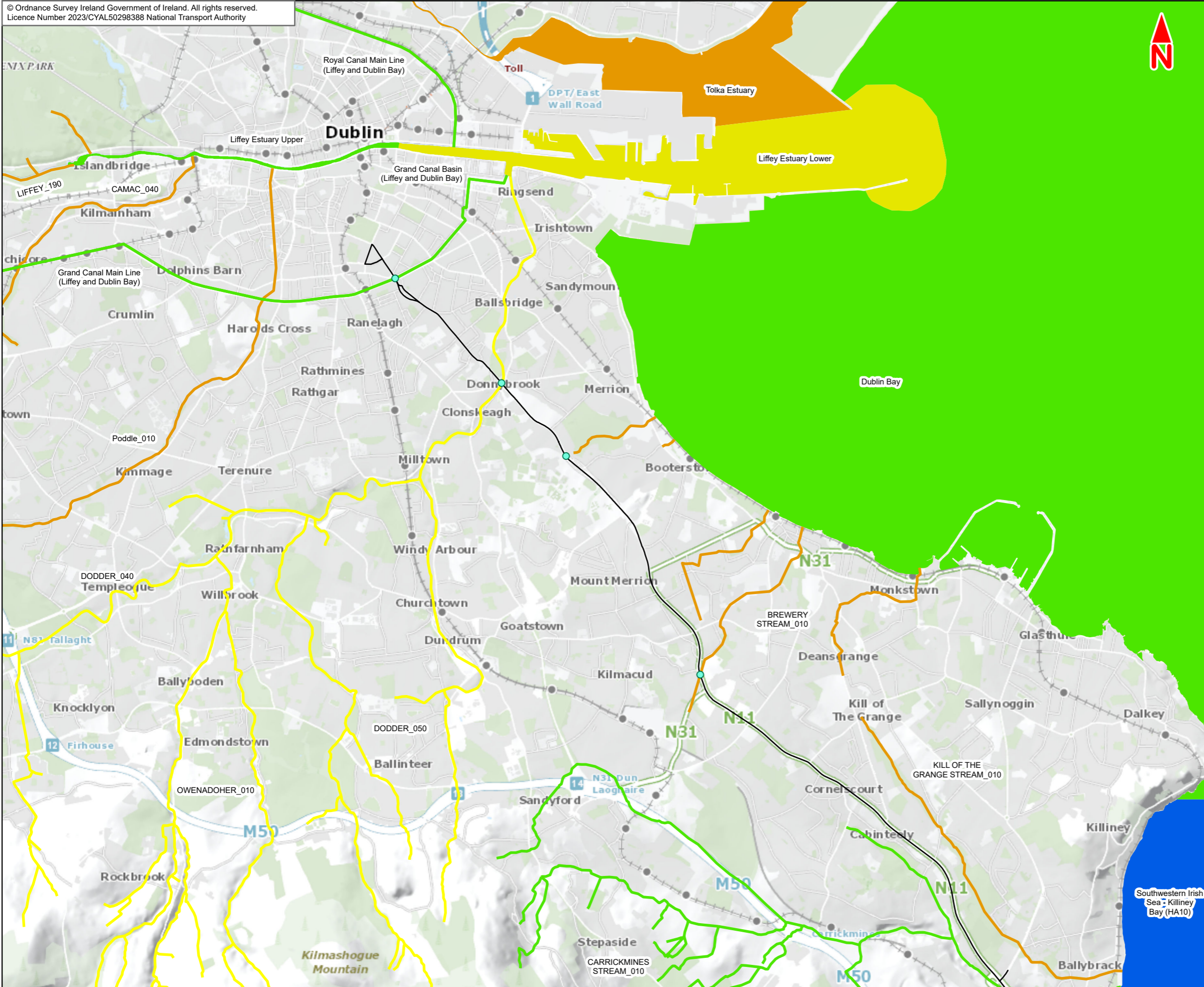
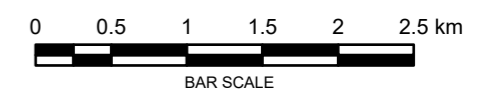


Figure 3
Hydrological
Connectivity
to the Proposed
Scheme



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Scheme Waterbody Crossings
 - Canal Waterbody WFD Status 2016 - 2021**
 - Good
 - Moderate
 - Poor
 - River Waterbody WFD Status 2016 - 2021**
 - Good
 - Moderate
 - Poor
 - Transitional Waterbody WFD Status 2016 - 2021**
 - Good
 - Moderate
 - Poor
 - Coastal Waterbody WFD Status 2016 - 2021**
 - High
 - Good

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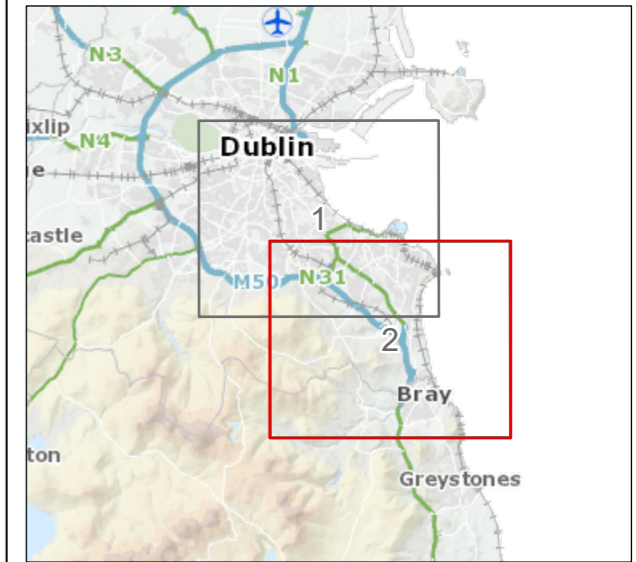
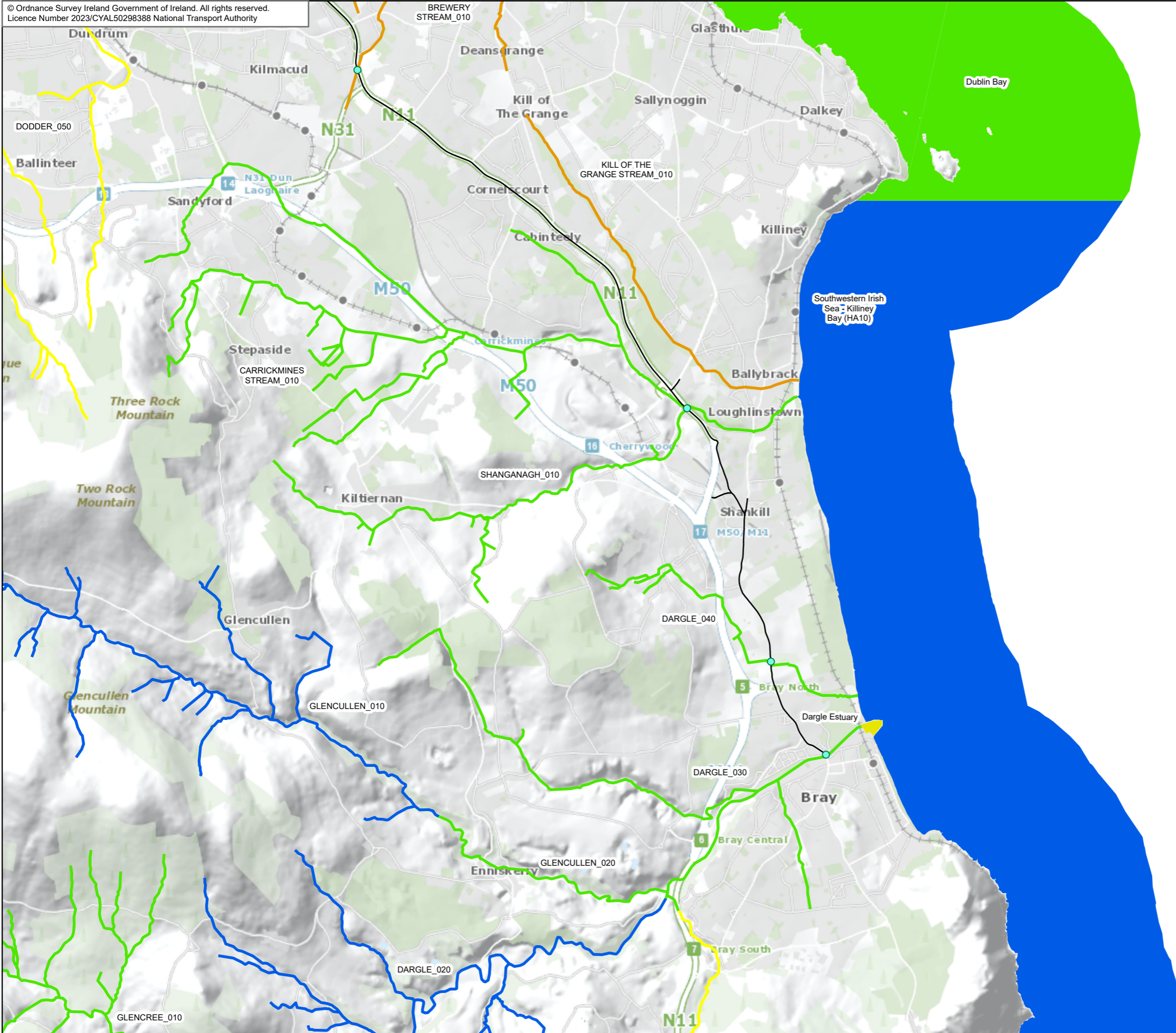
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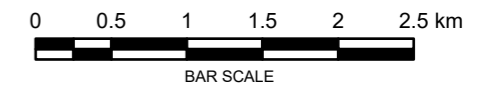
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Legend :

- Bray to City Centre Core Bus Corridor Scheme
- Scheme Waterbody Crossings
- River Waterbody WFD Status 2016 - 2021**
- High
- Good
- Moderate
- Poor
- Transitional Waterbody WFD Status 2016 - 2021**
- Moderate
- Coastal Waterbody WFD Status 2016 - 2021**
- High
- Good

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M01	May 2023	TJ	PW	DK	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 3 Hydrological Connectivity to the Proposed Scheme				
Date 11/05/2023	Scale @ A3 1:50 000	Drawn TJ	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1003	Sheet Number 2 of 2	Status A	Rev M01	

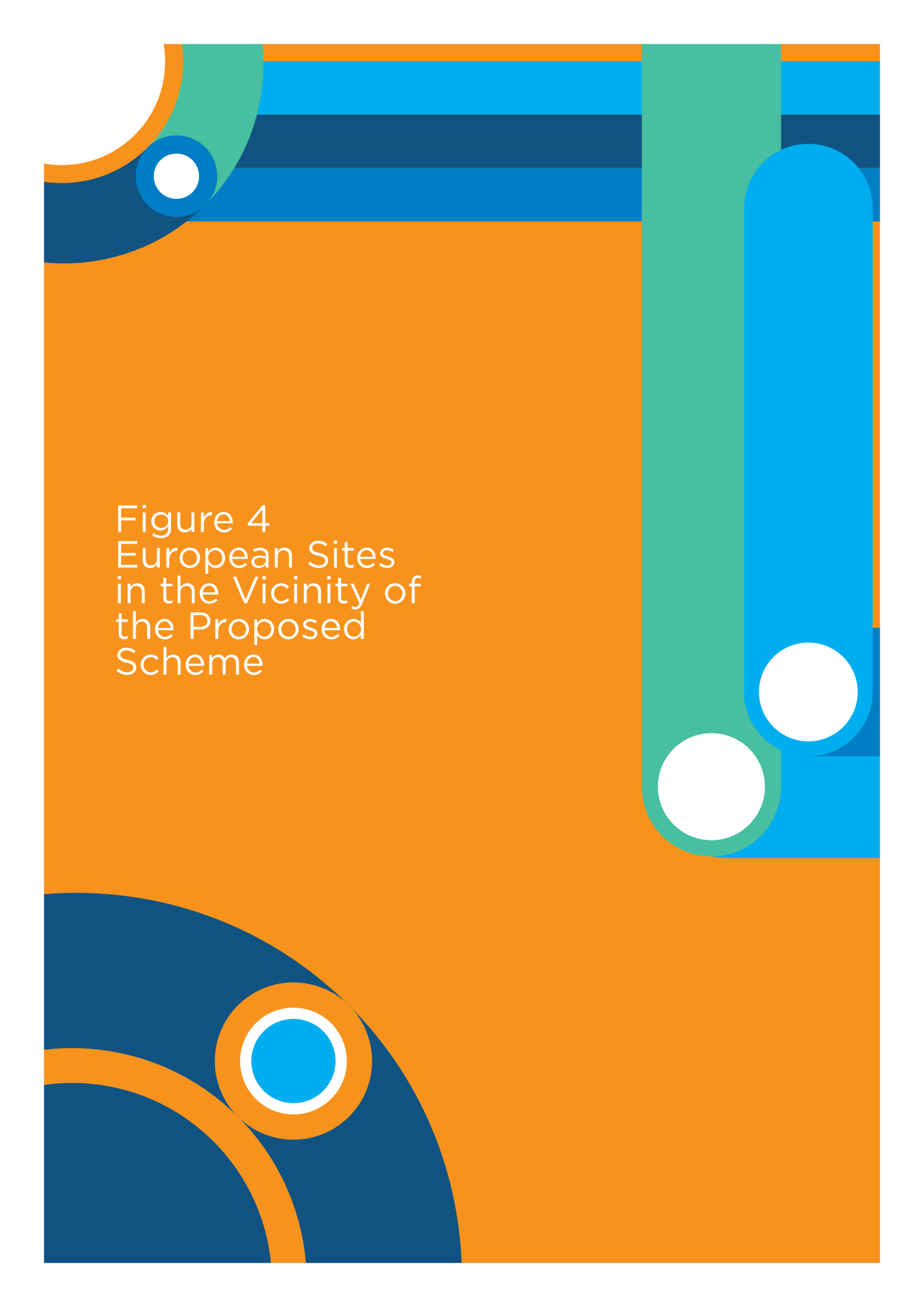
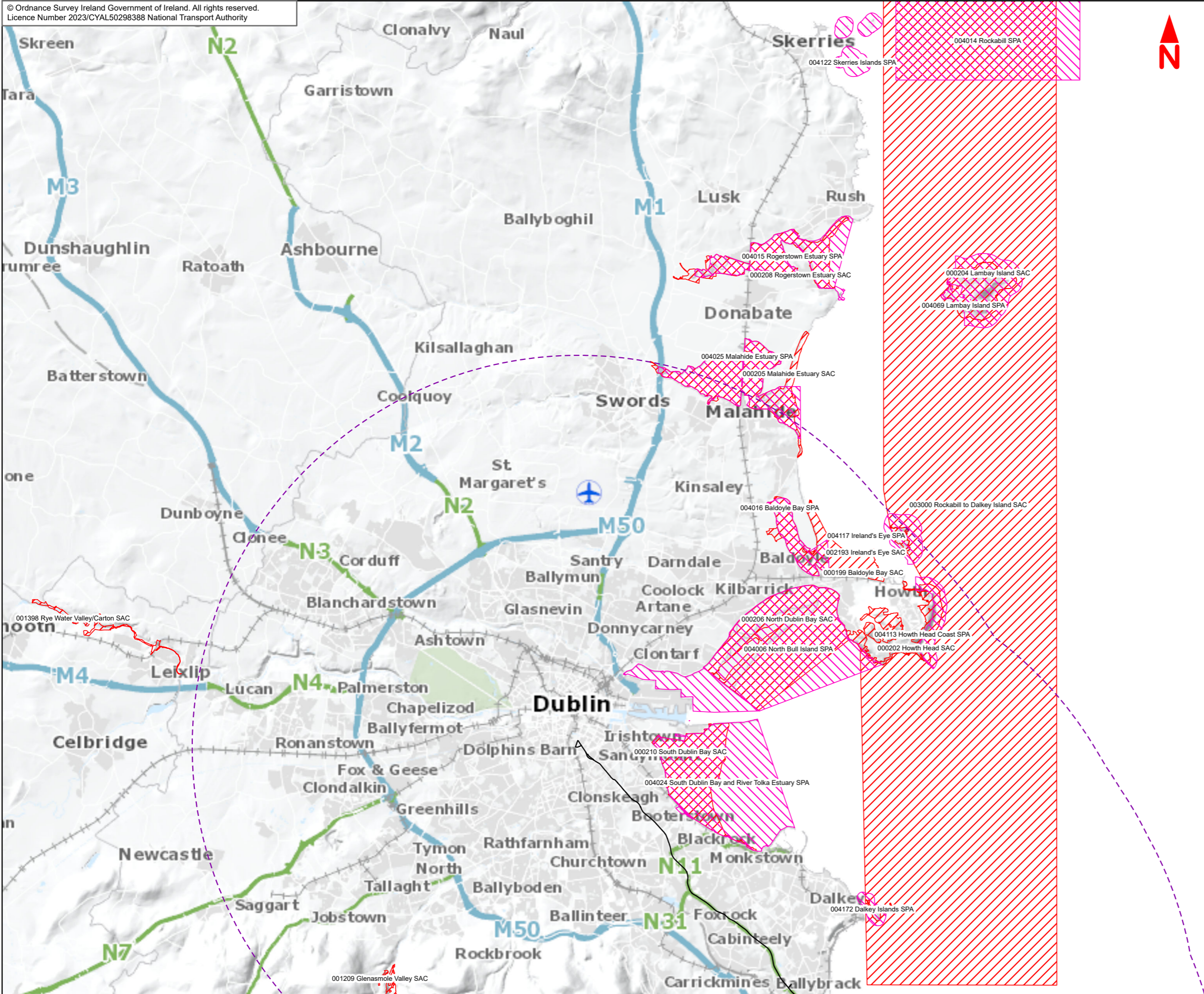
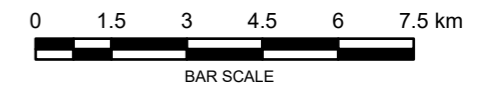


Figure 4
European Sites
in the Vicinity of
the Proposed
Scheme



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - 15km Study Area
 - Special Protection Areas (SPA)
 - Special Area of Conservation (SAC)

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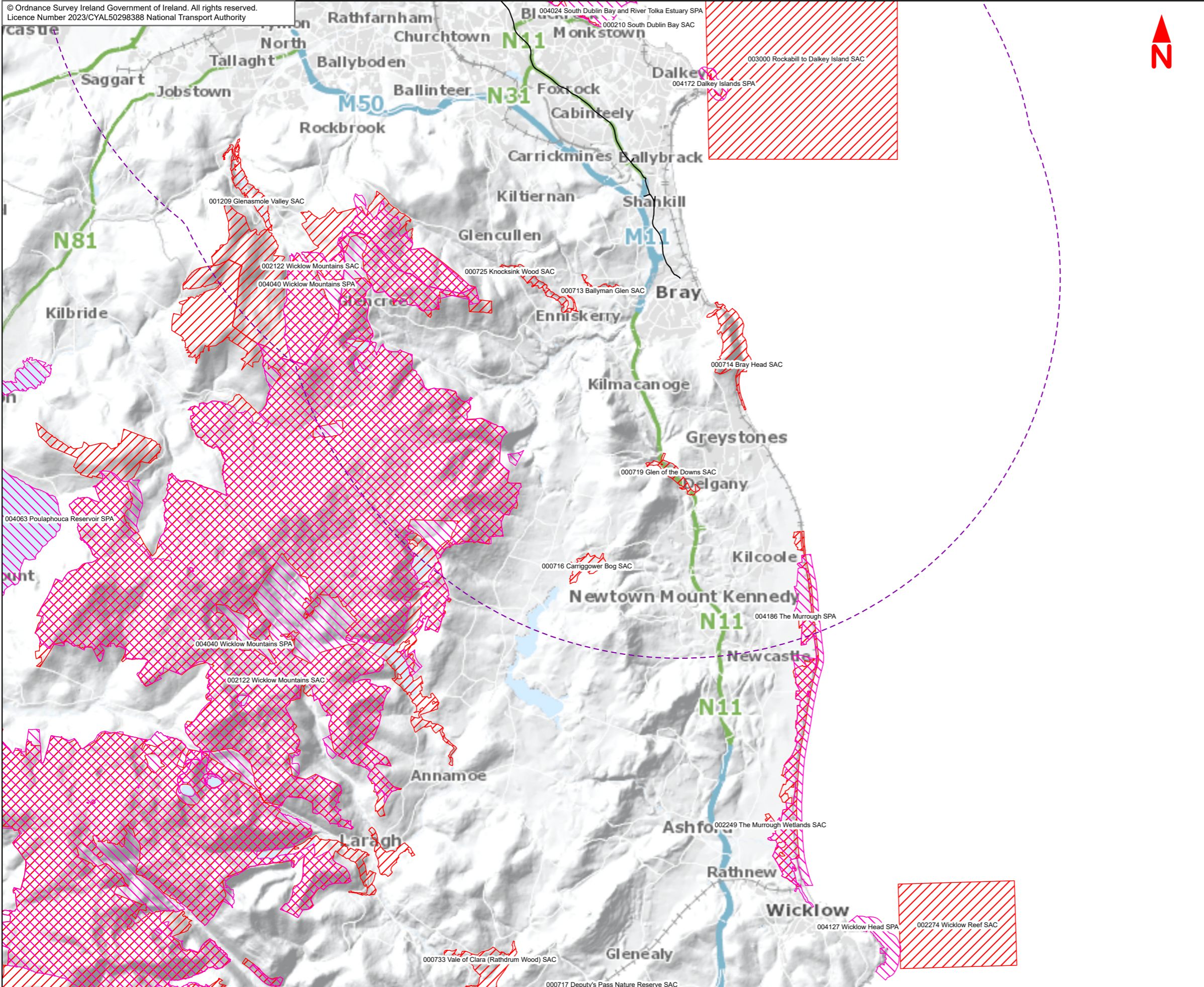
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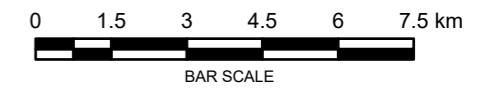
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:150 000	Drawn MM	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 4 European sites in the Vicinity of the Proposed Scheme				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1090	Sheet Number 1 of 2	Status A	Rev M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - 15km Study Area
 - Special Protection Areas (SPA)
 - Special Area of Conservation (SAC)

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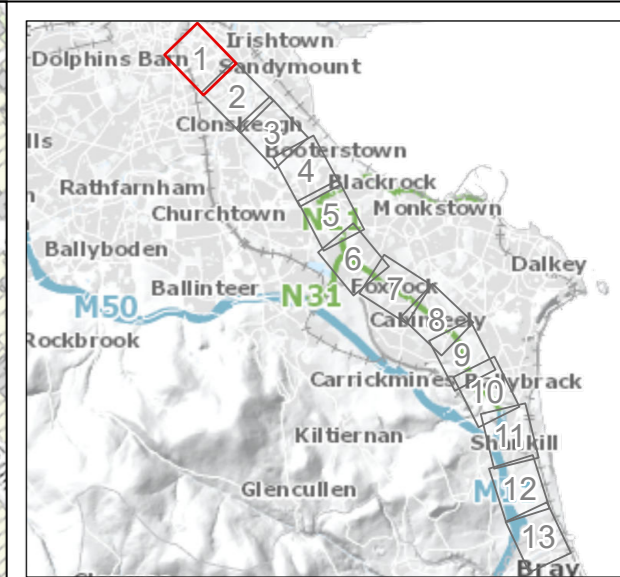
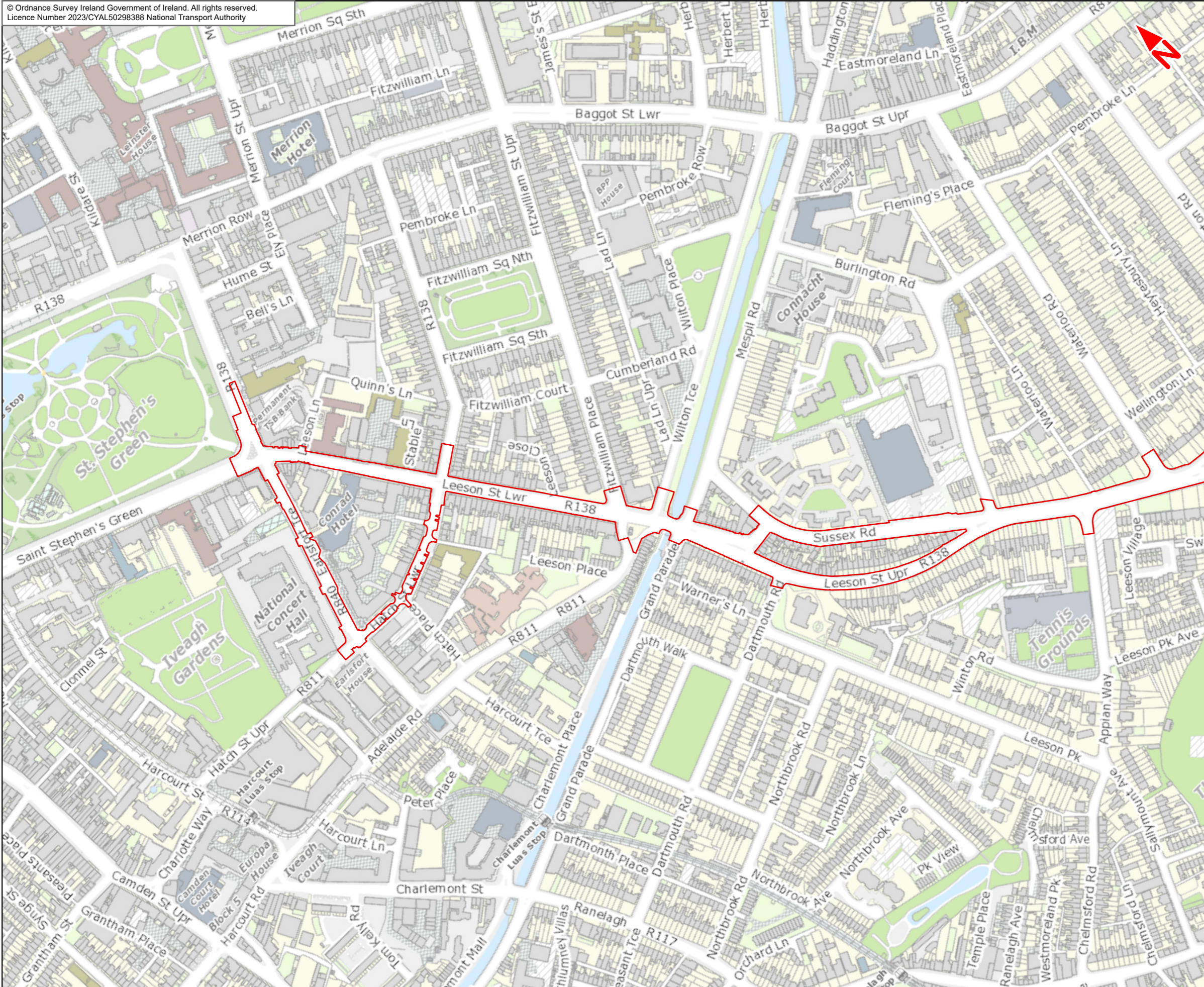
Client
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 4 European sites in the Vicinity of the Proposed Scheme				
Date 5/4/2023	Scale @ A3 1:150 000	Drawn MM	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1091
Sheet Number 2 of 2		Status A	Rev M01	

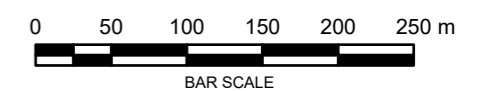


Figure 5
Wintering Bird
Survey Results



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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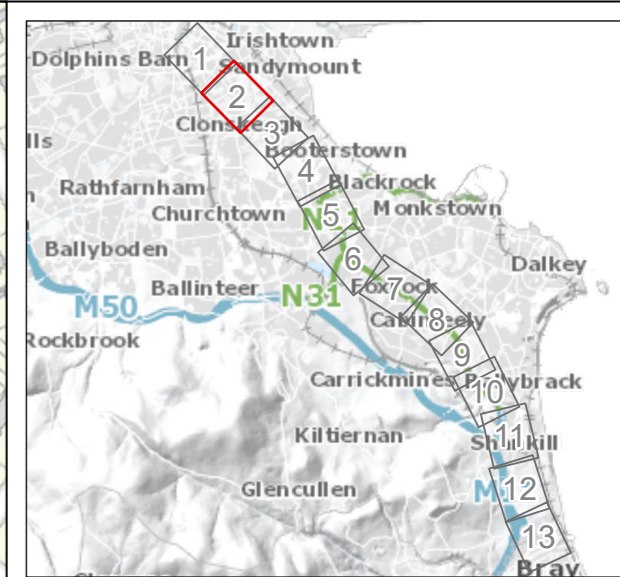
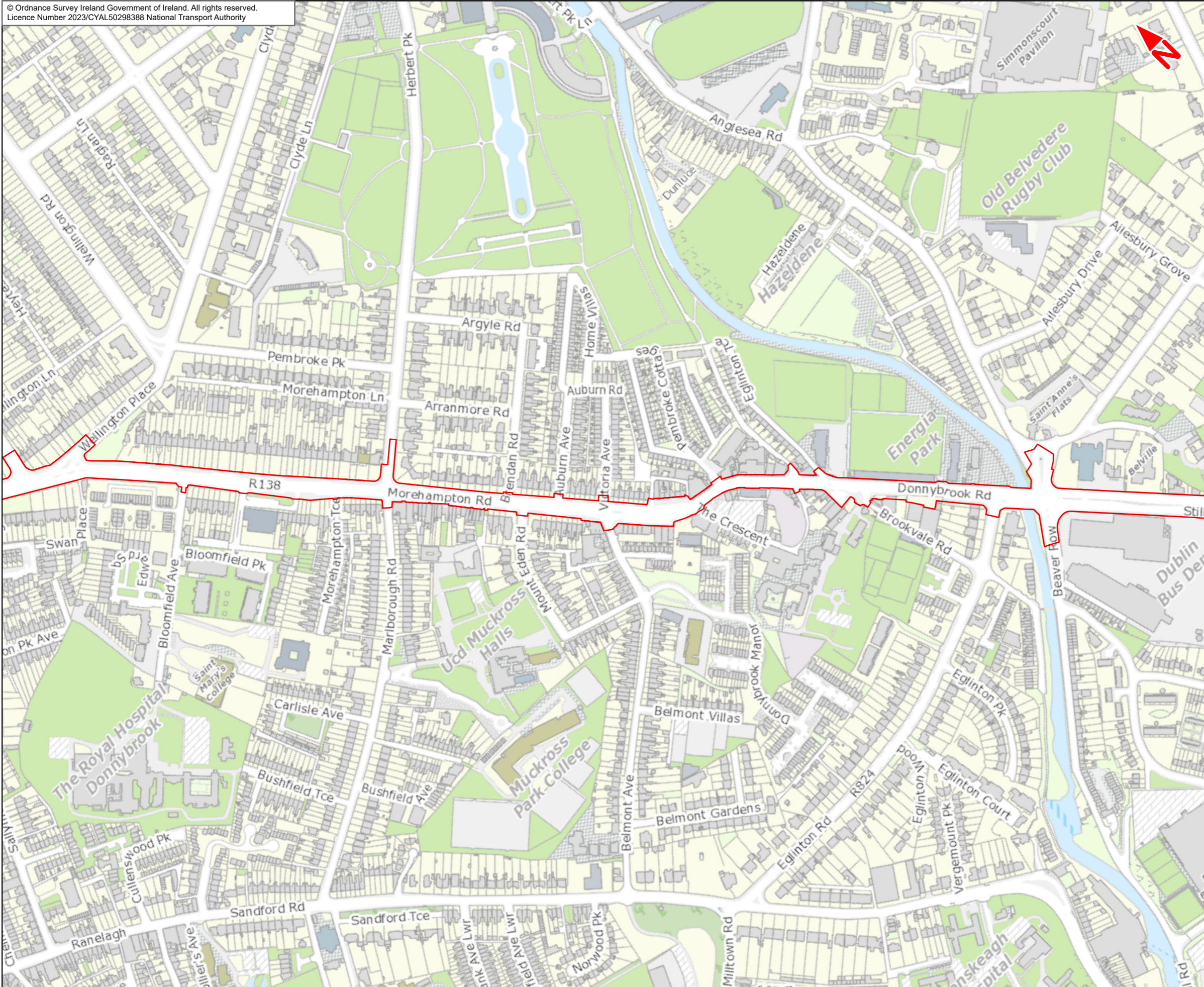
Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 5/4/2023 Scale @ A3: 1:5 000
 Project Code: BCIDE Originator Code: JAC

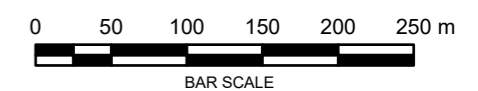
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1613	Sheet Number: 1 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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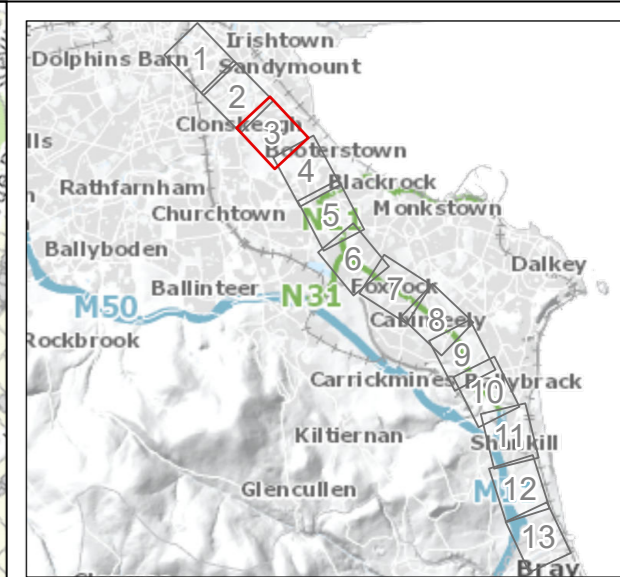
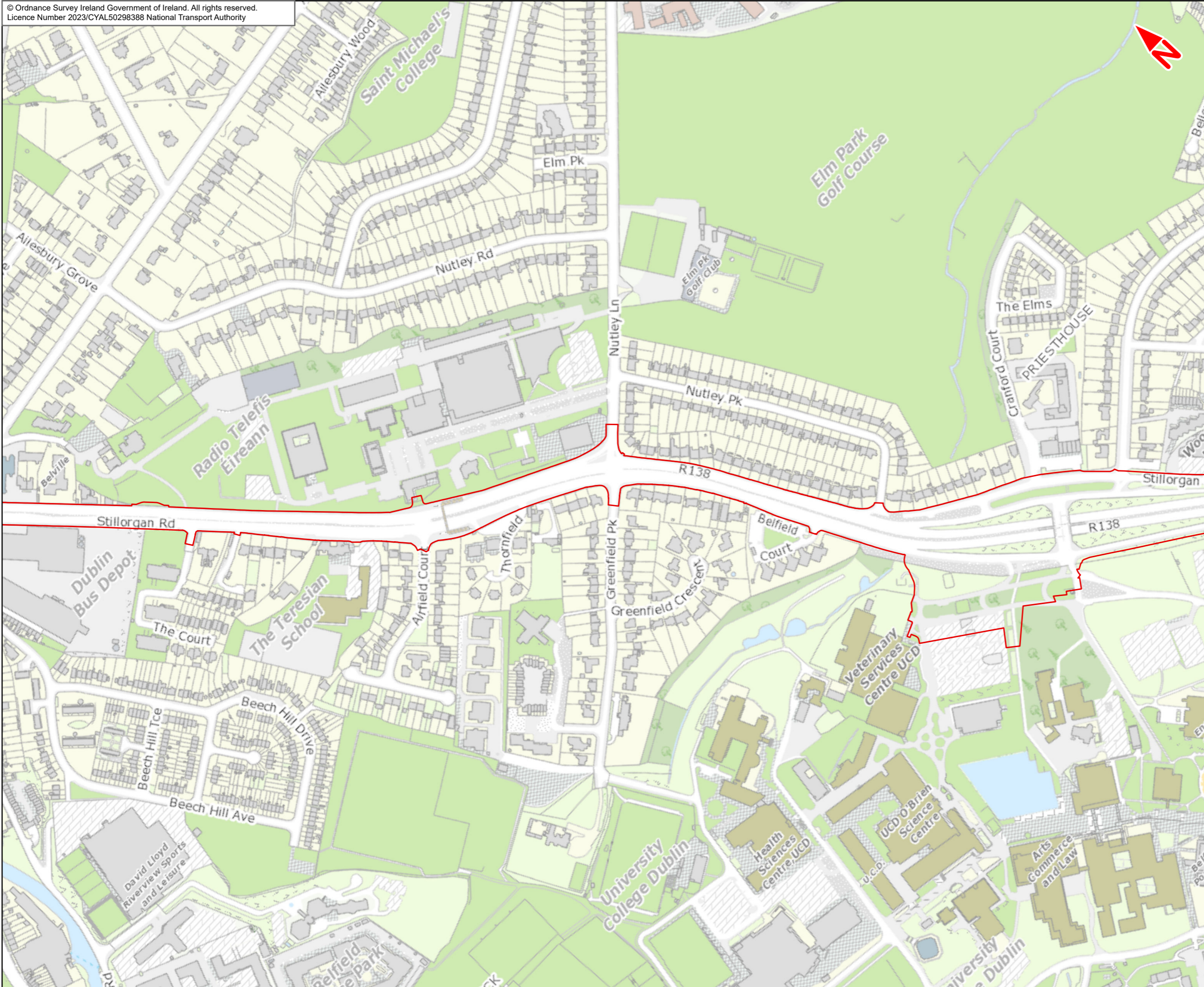
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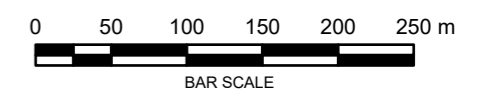
NTA Udarás Náisiúnta Iompair National Transport Authority		JACOBS ARUP SYSTRA		
Date	Scale @ A3	Drawn	Checked	Approved
5/4/2023	1:5 000	EK	PW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-1612	2 of 13	A	M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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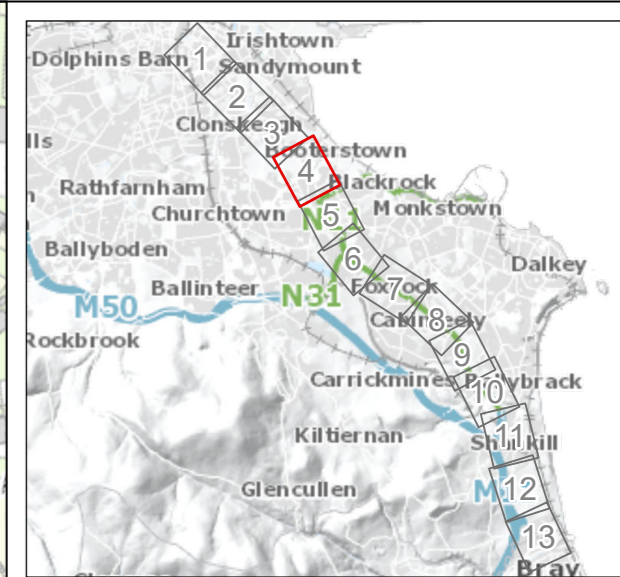
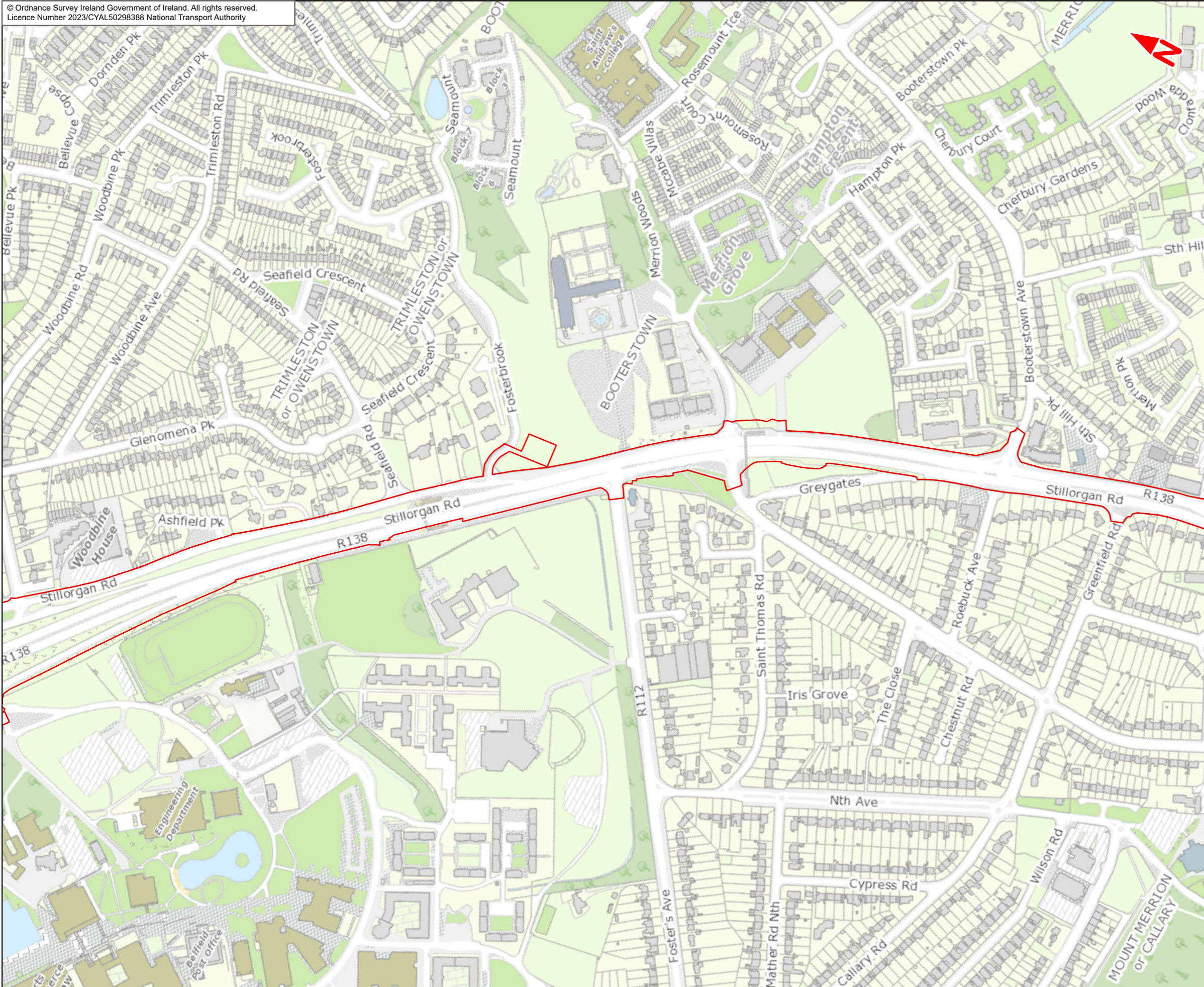
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Date: 5/4/2023
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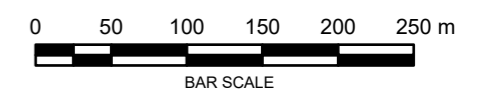
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-1611	Sheet Number: 3 of 13	Status: A	Rev: M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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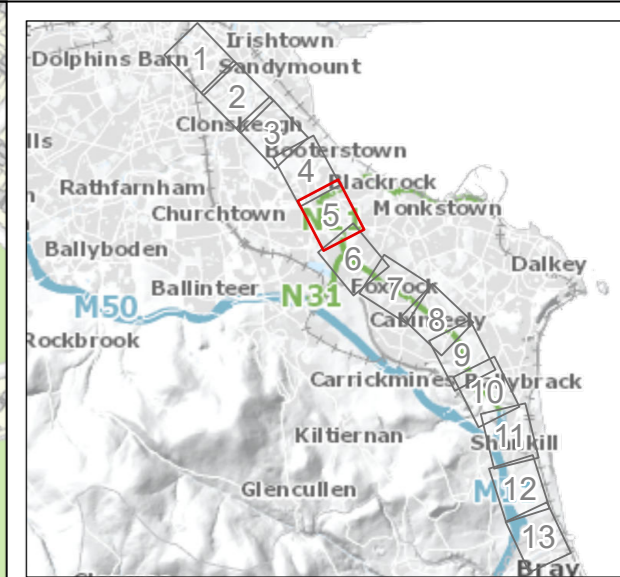
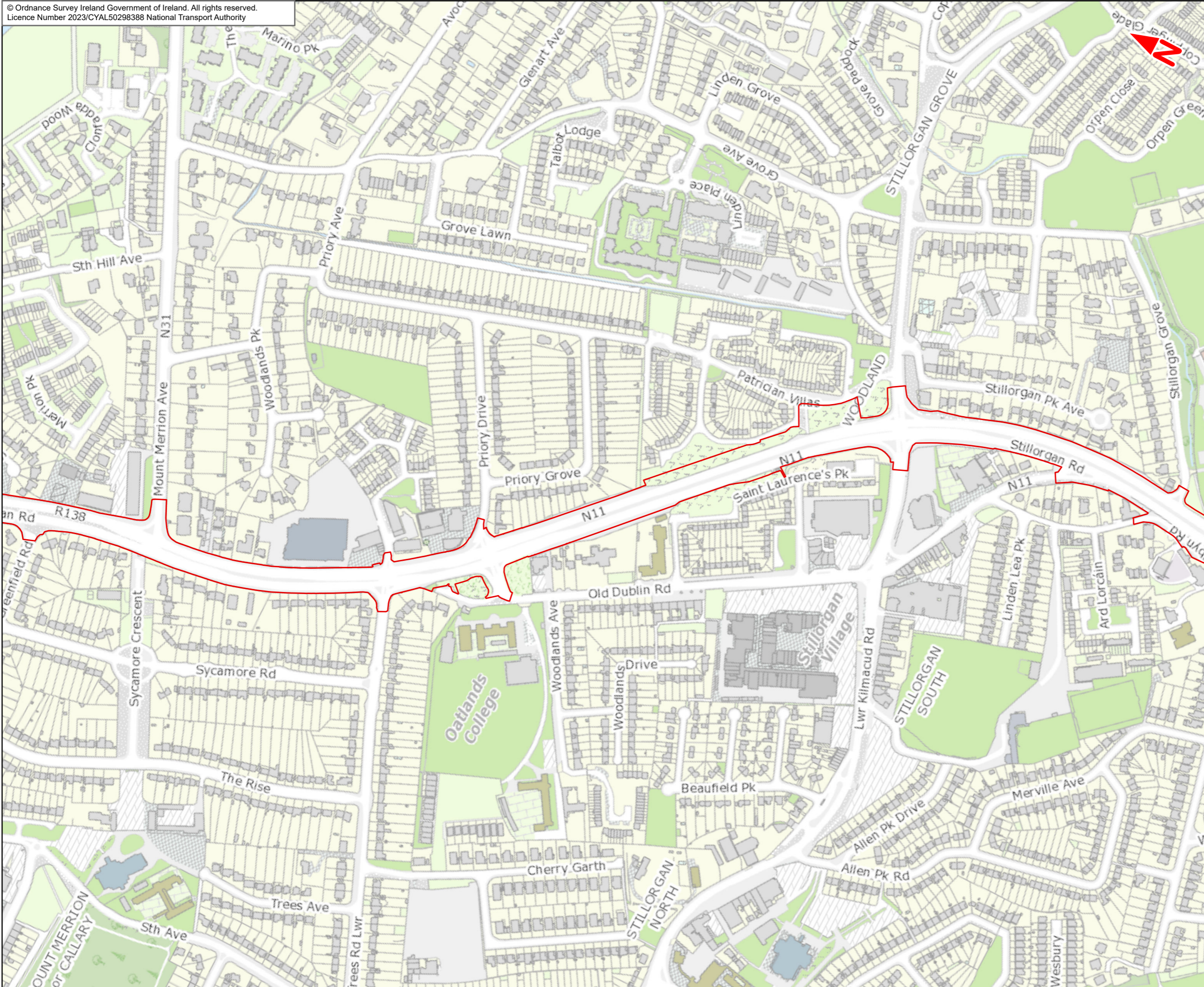
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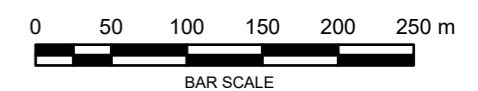
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1610	Sheet Number 4 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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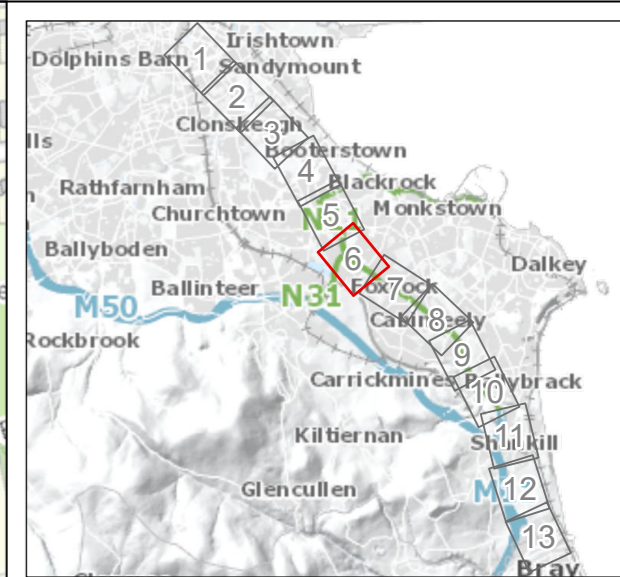
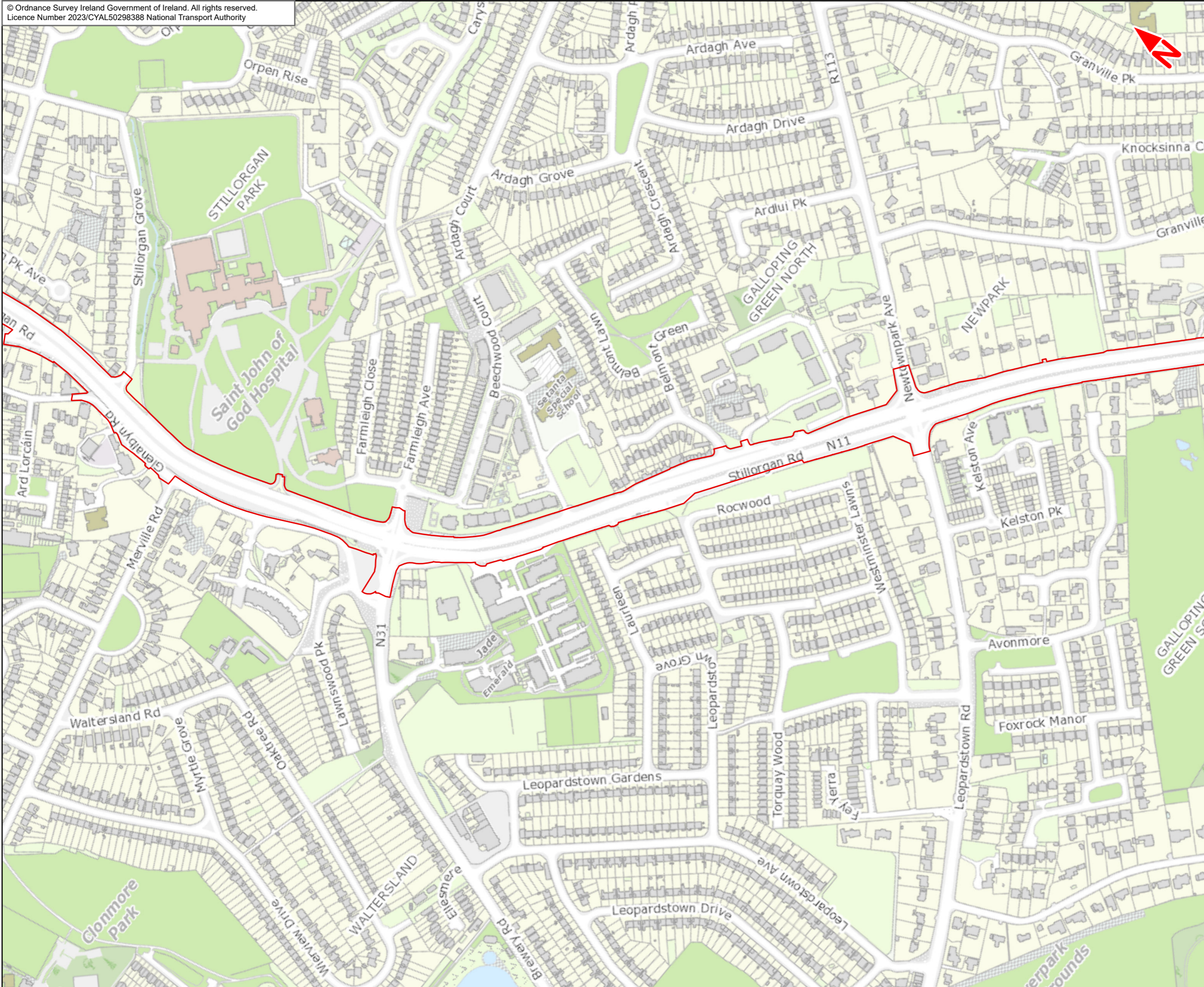
Consultant: **JACOBS ARUP SYSTRA**

Date: 5/4/2023
Scale @ A3: 1:5 000

Project Code: BCIDE
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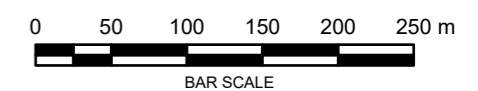
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-1609	Sheet Number: 5 of 13	Status: A	Rev: M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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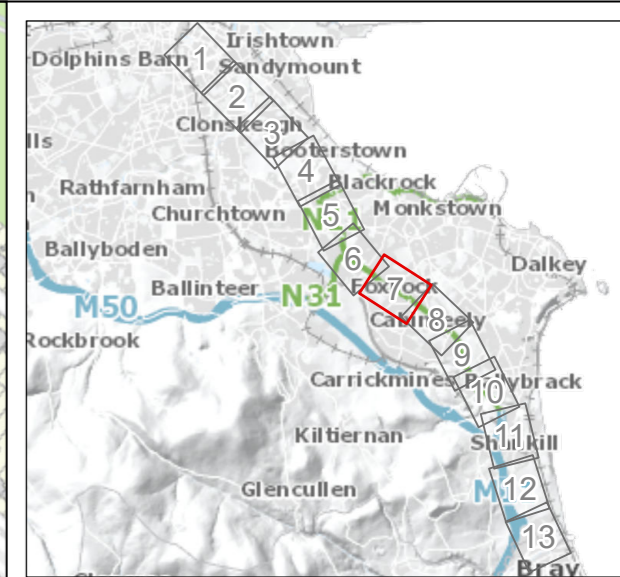
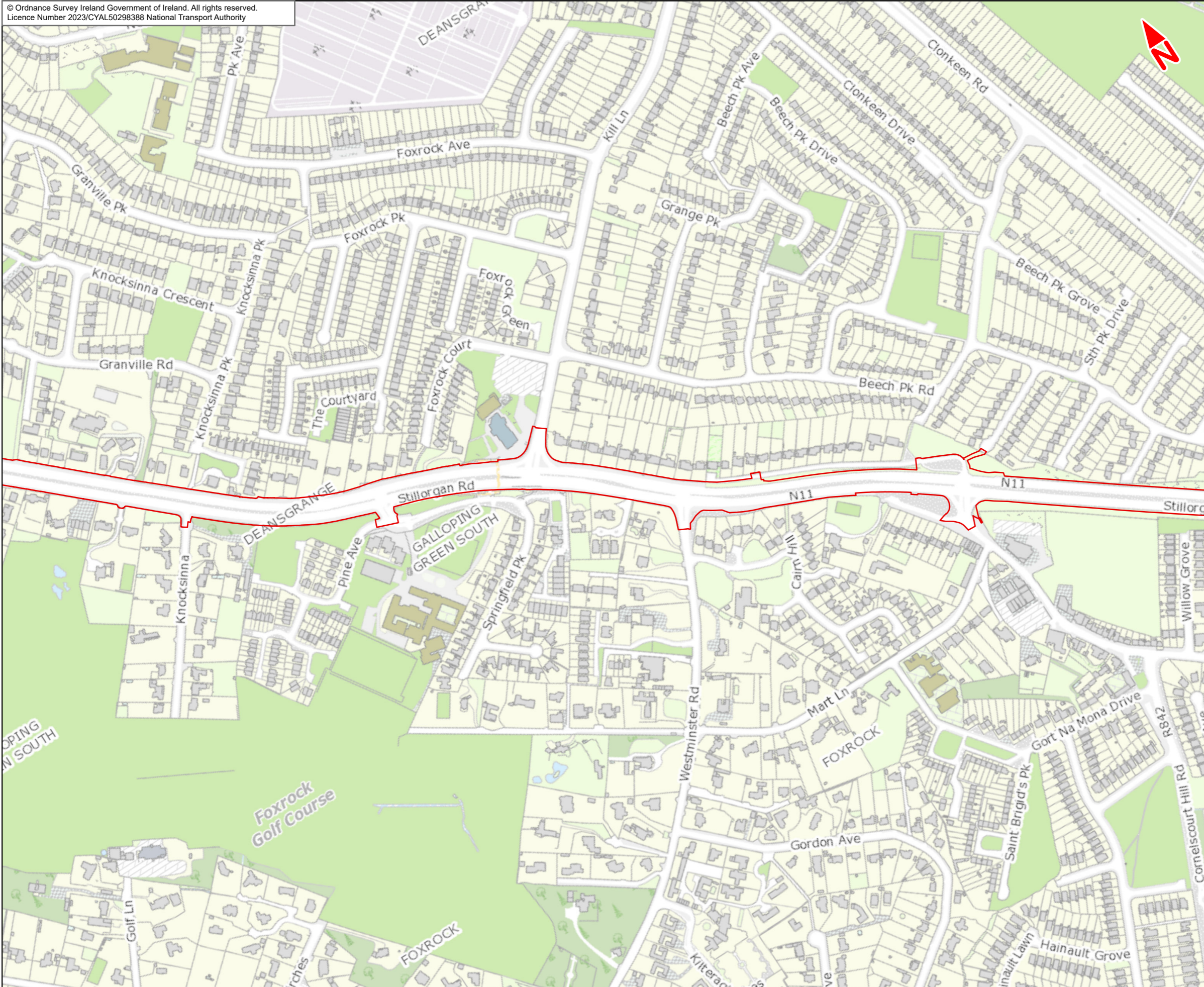
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

Client

 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant


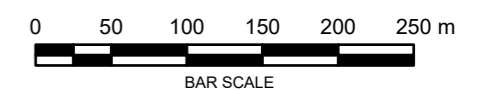
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1608	Sheet Number 6 of 13	Status A	Rev M01	

Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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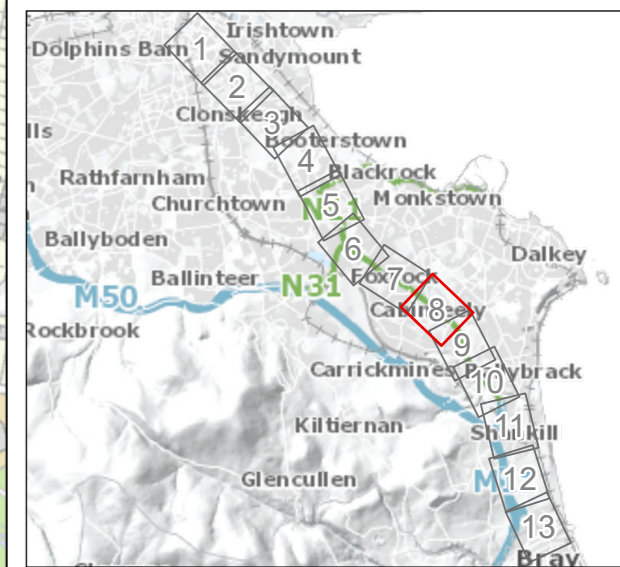
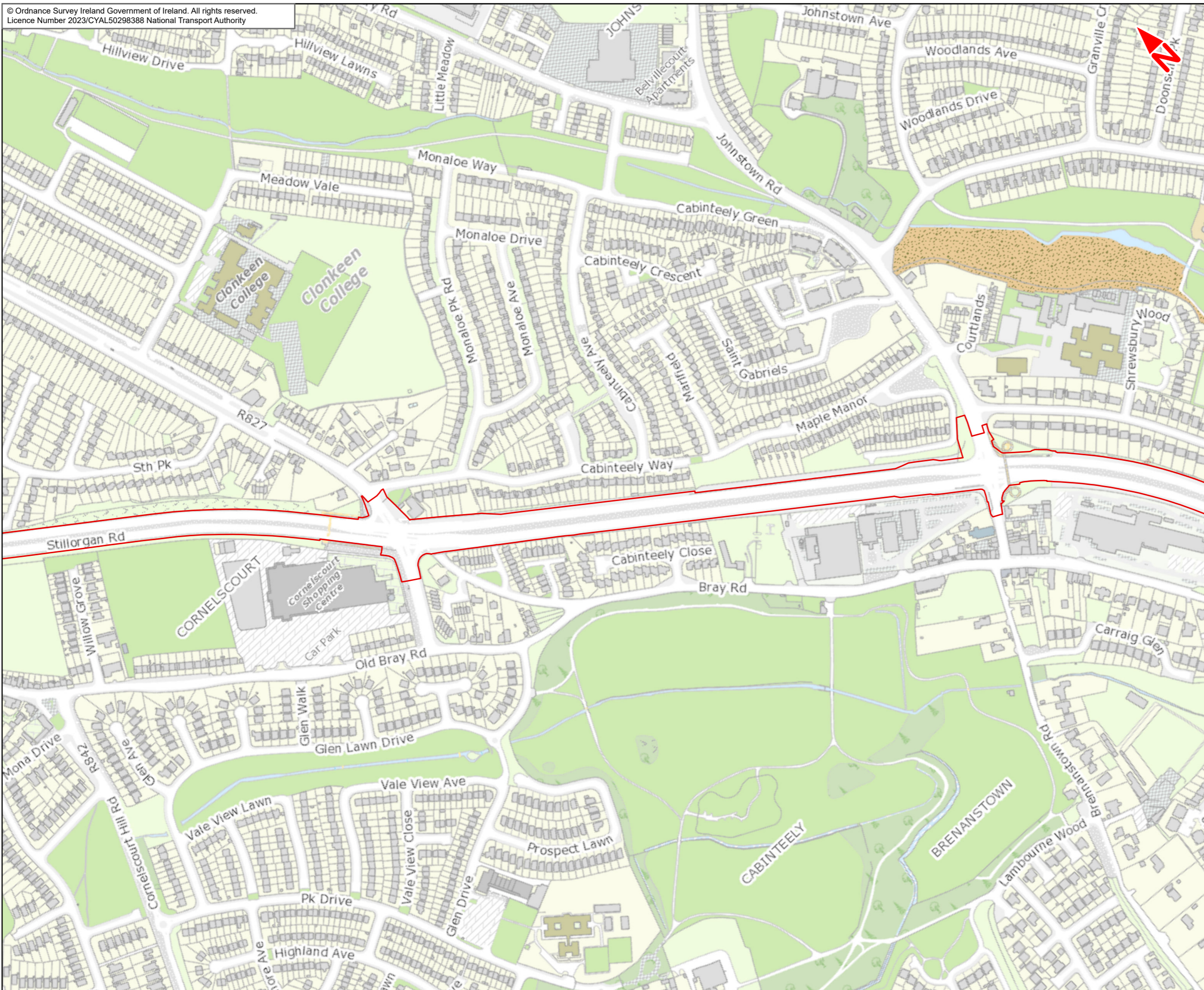
Client

 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant

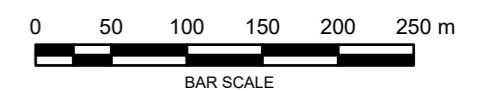
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 Checked: PW
 Approved: DK

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results			
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1607	Sheet Number 7 of 13	Status A	Rev M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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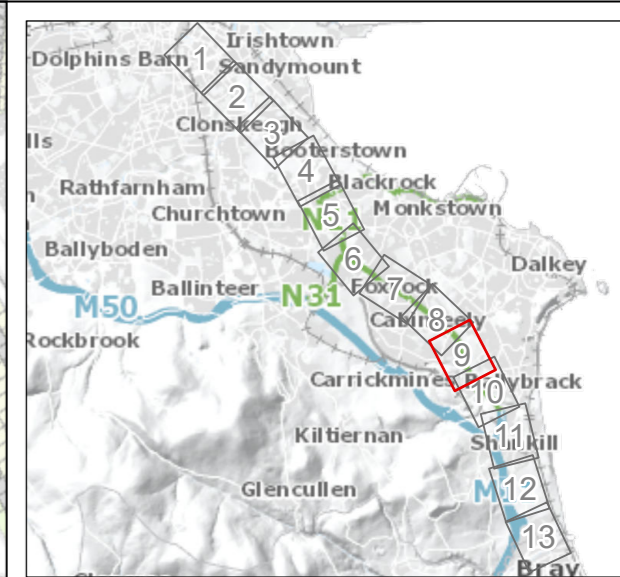
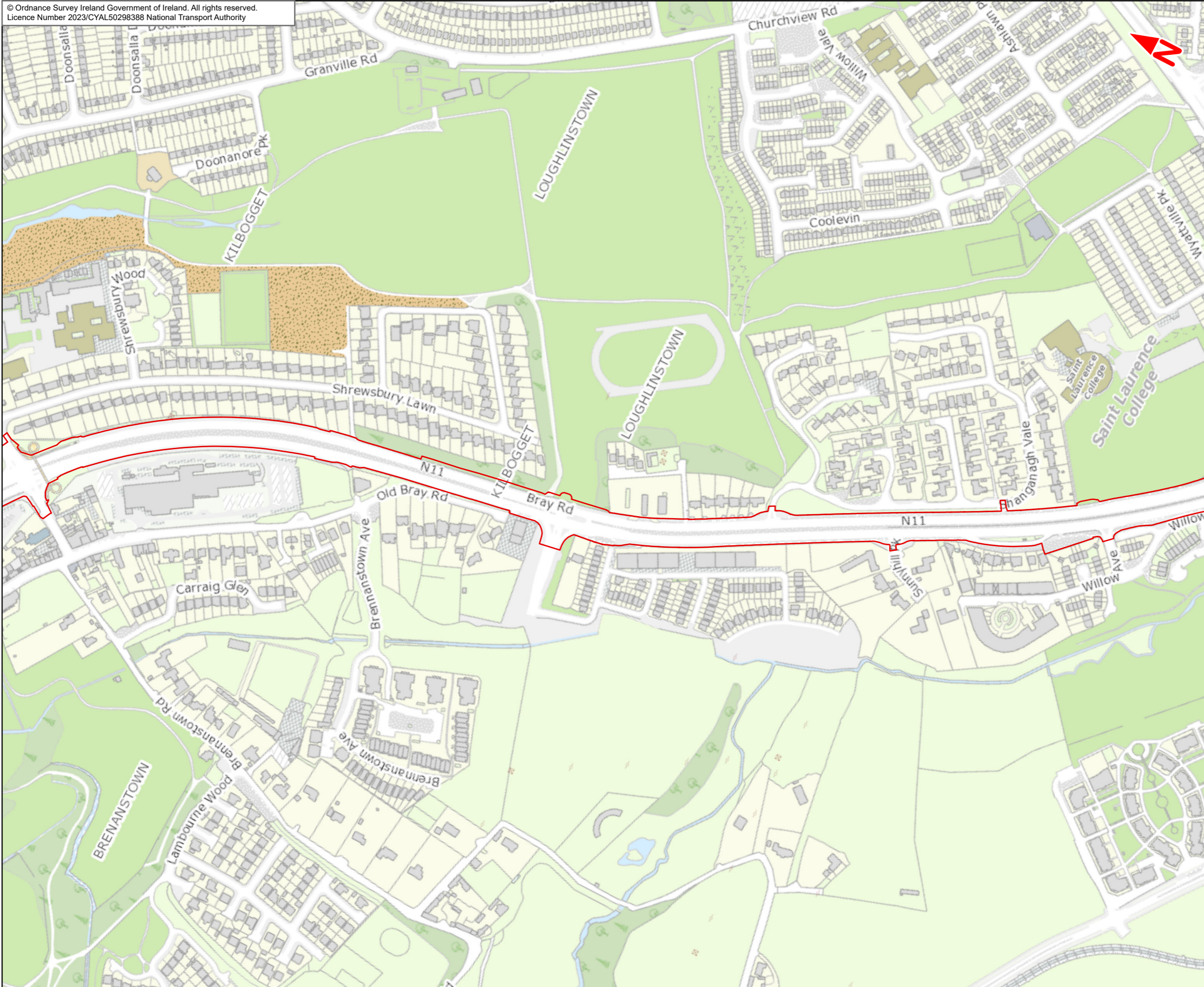
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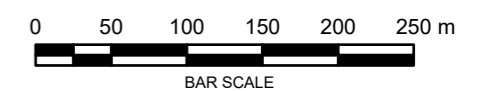
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1606	Sheet Number 8 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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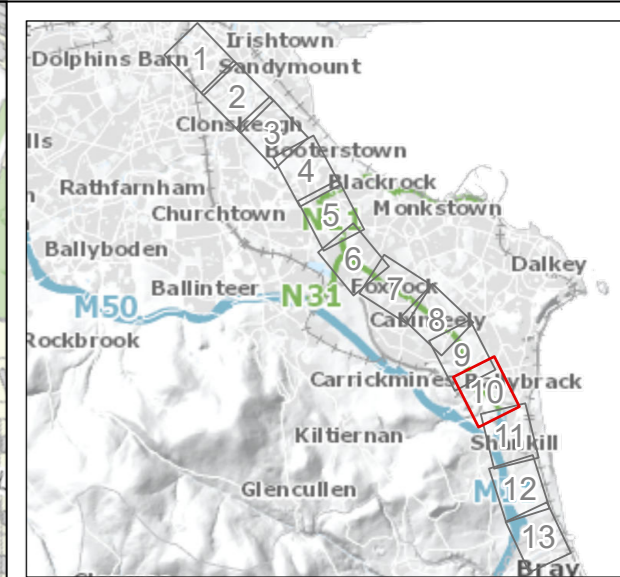
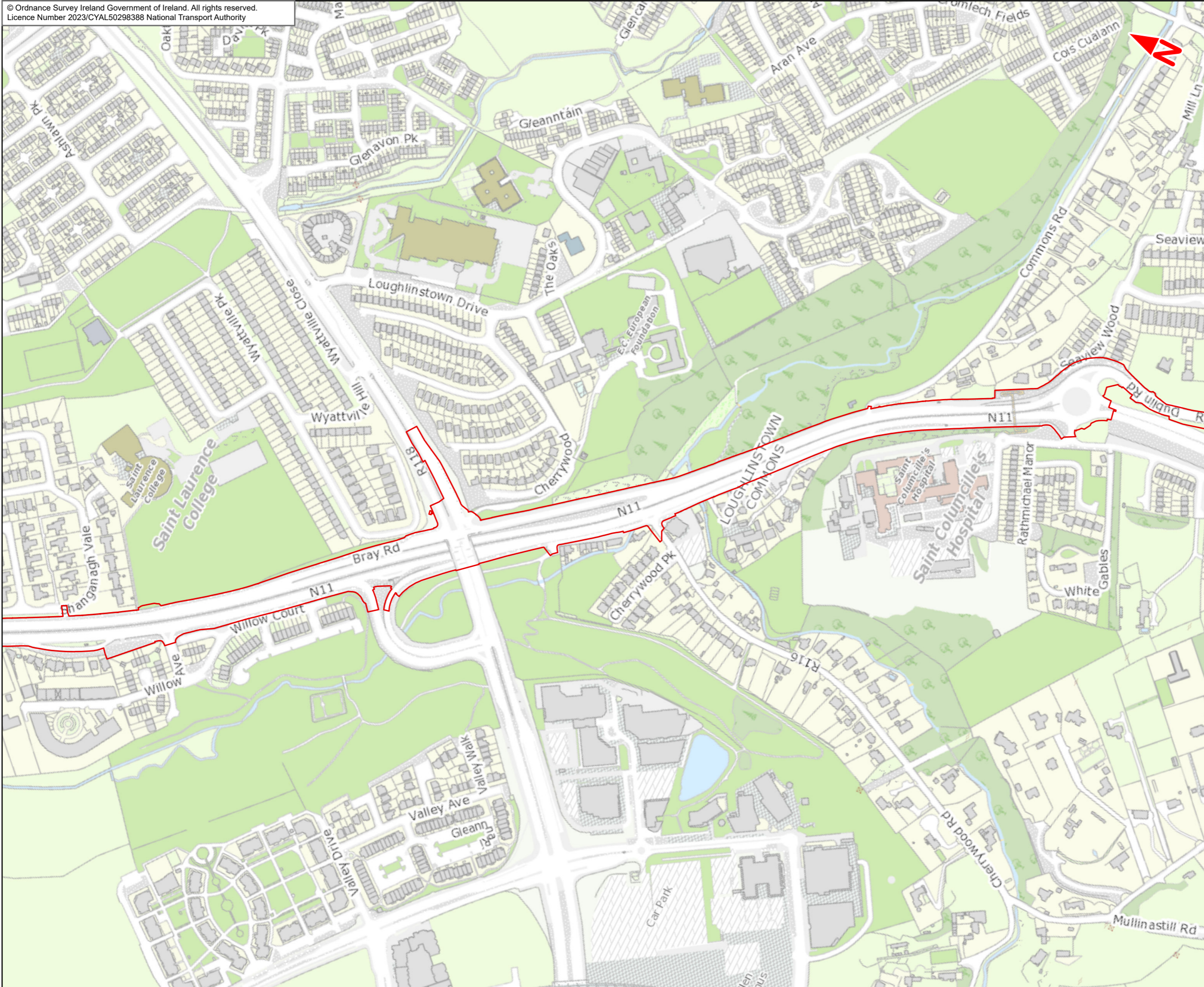
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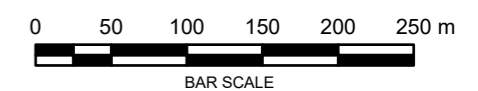
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1605	Sheet Number 9 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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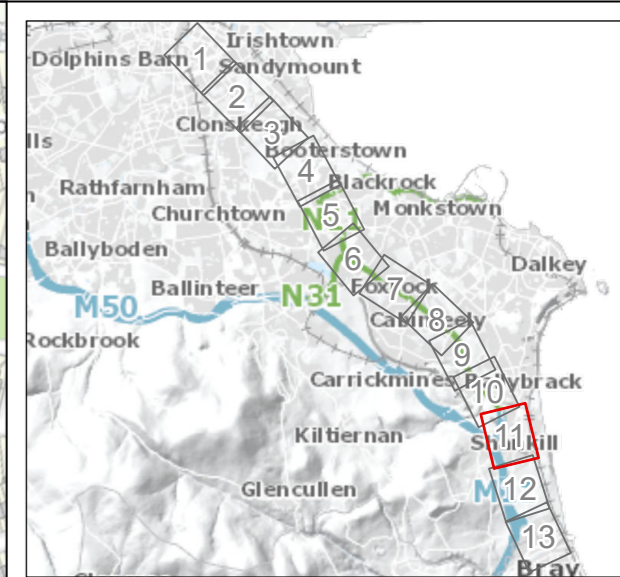
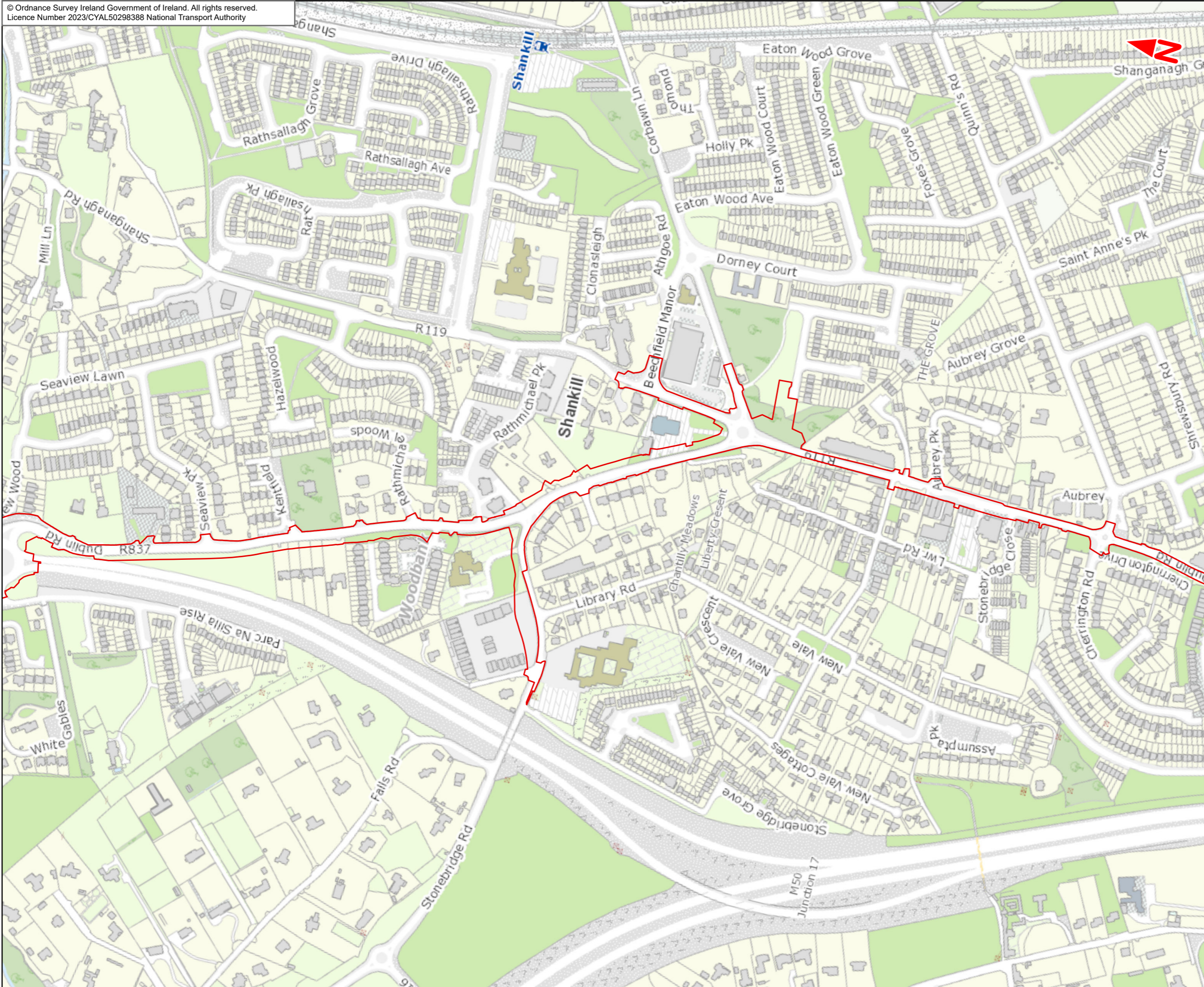
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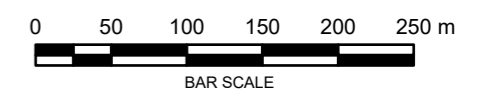
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-1604	Sheet Number 10 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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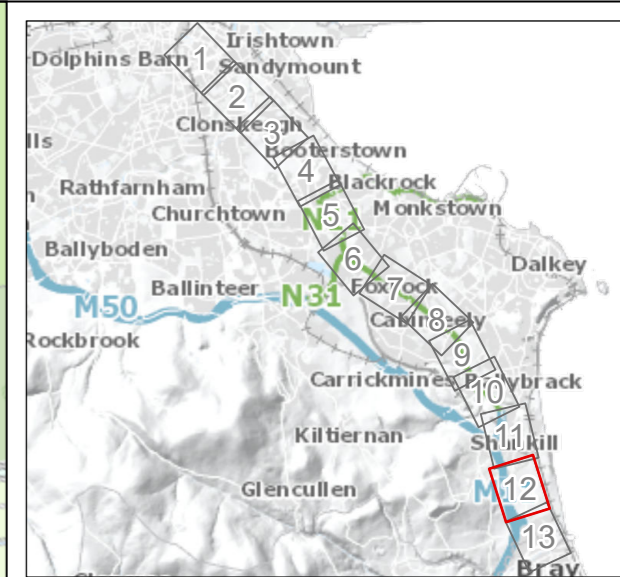
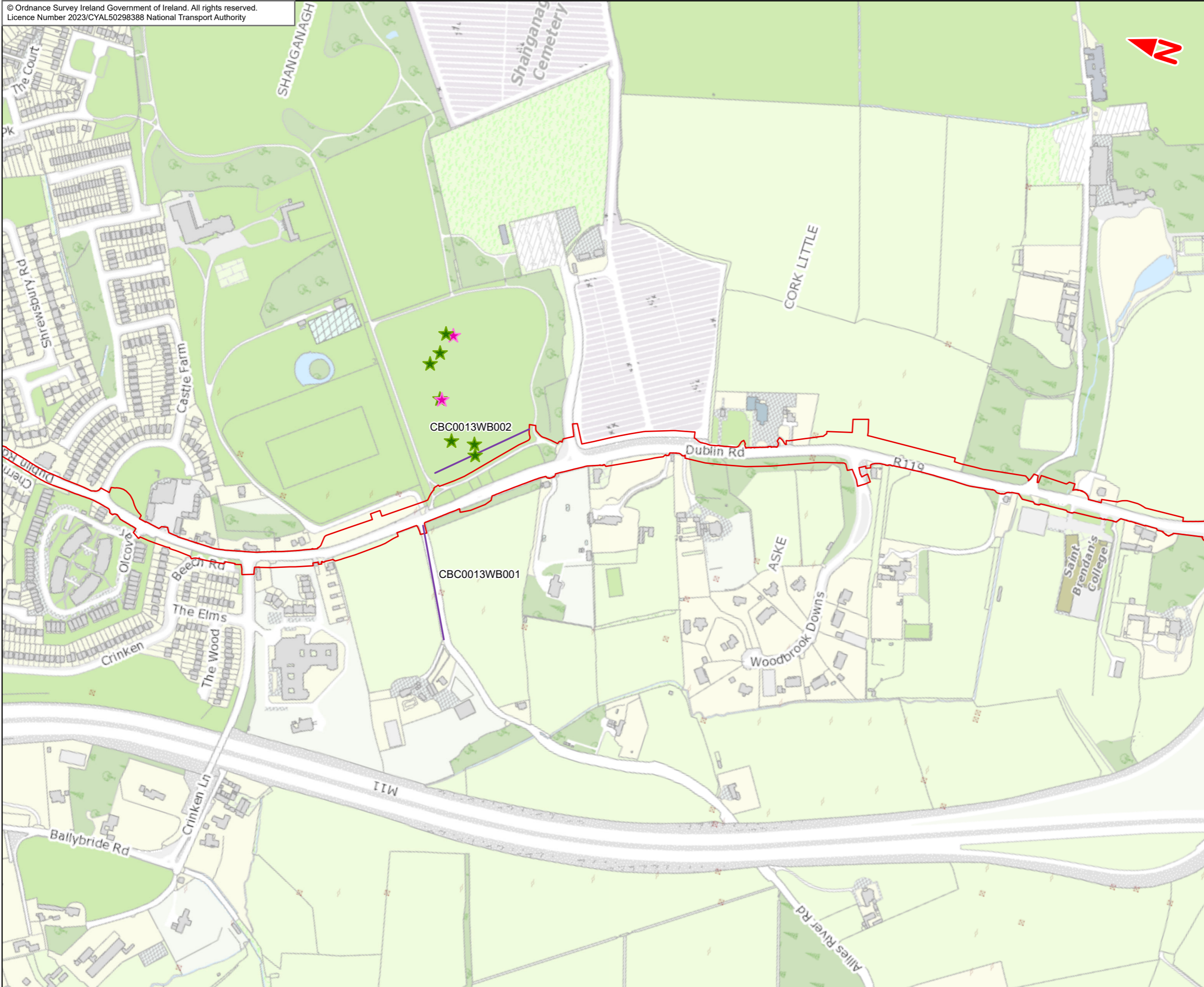
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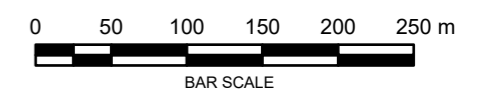
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-1603	Sheet Number 11 of 13	Status A	Rev M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Wintering Bird Survey Transects
- BoCCI Amber List Bird Species**
- ★ Black-headed Gull
 - ★ Herring Gull

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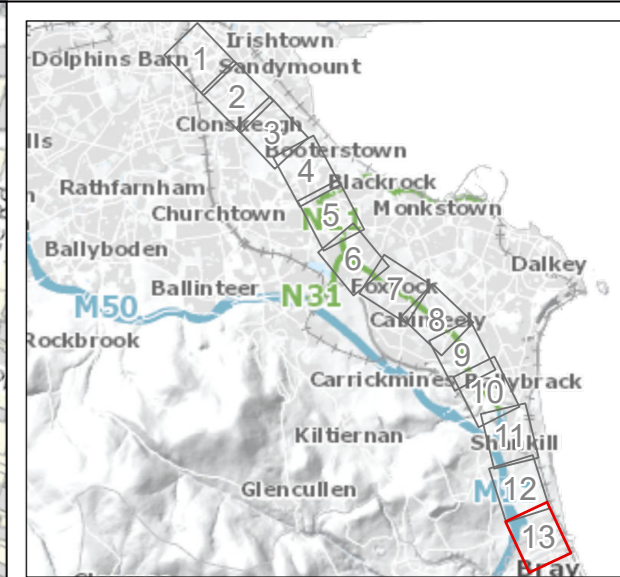
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Date	5/4/2023	Scale @ A3	1:5 000	Drawn	EK
Project Code	BCIDE	Originator Code	JAC	Checked	PW
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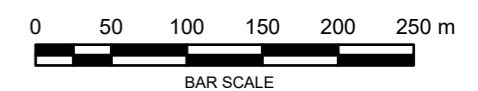
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results			
Drawing File Name	BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-1602	Sheet Number	12 of 13
Status	A	Rev	M01





Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 5 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-1601	Sheet Number 13 of 13	Status A	Rev M01	