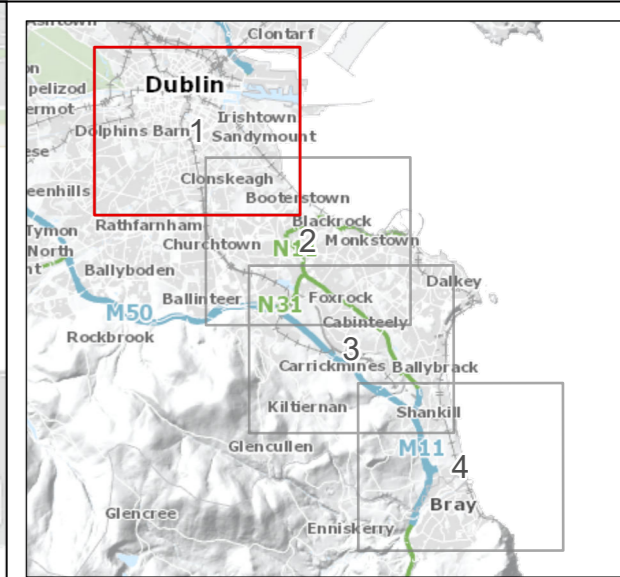
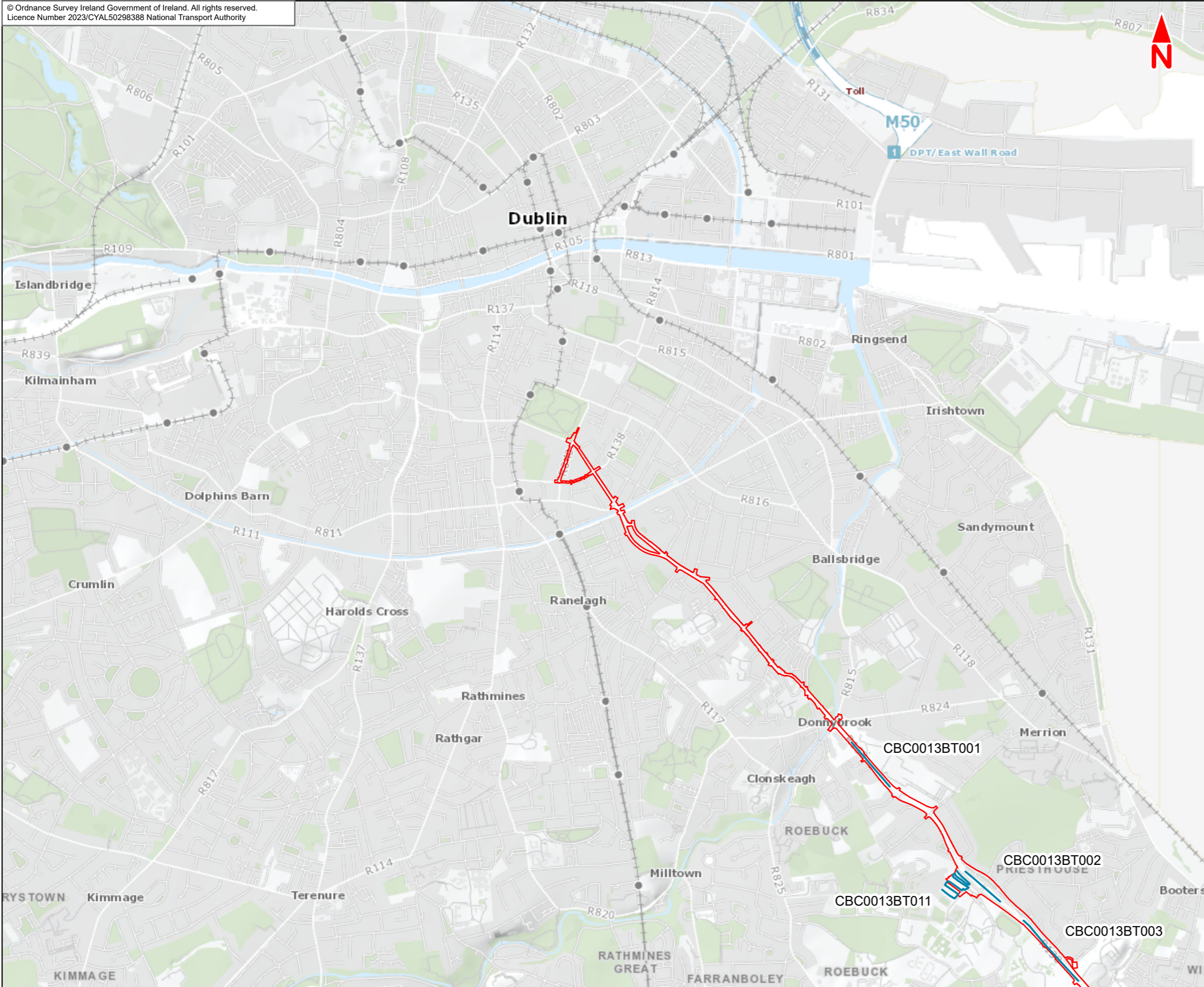


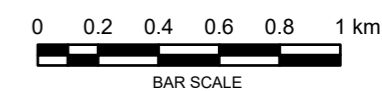
12.1.1
Ecological Study Areas:
Bat Activity Transect Routes





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

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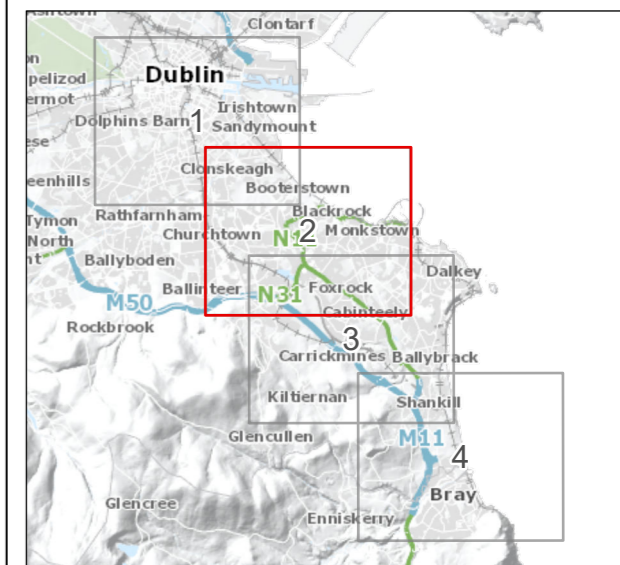
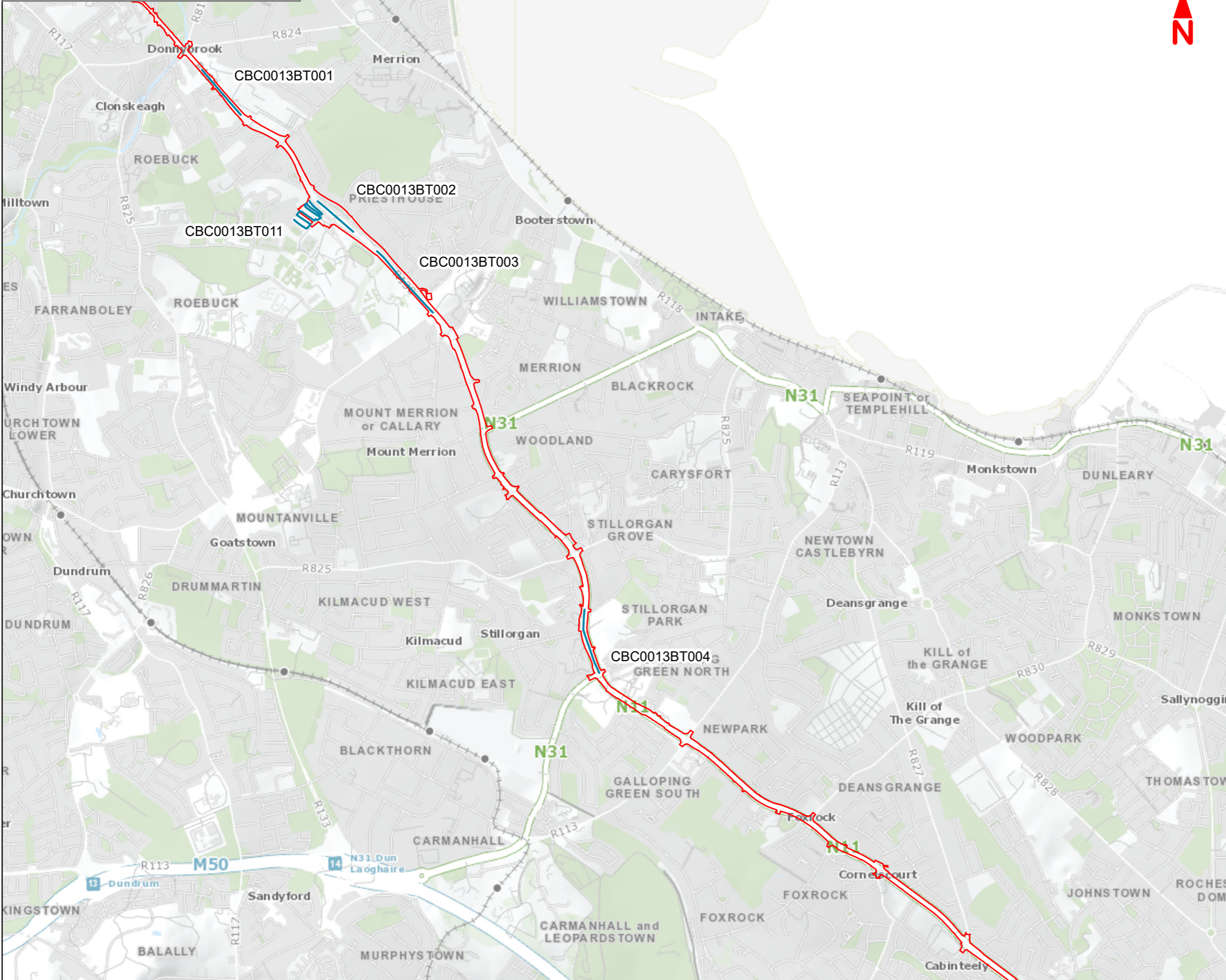
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

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

Consultant: **JACOBS ARUP SYSTRA**

Date: 15/05/2023 | Scale @ A3: 1:25 000
 Drawn: EK | Checked: PW | Approved: DK
 Project Code: BCIDE | Originator Code: JAC | QMS Code:

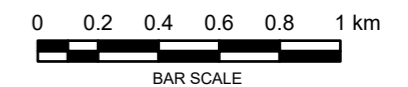
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.1.1 Ecological Study Areas: Bat Activity Transect Routes and Building / Bridge Roost Feature Inspections			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0104	Sheet Number: 1 of 4	Status: A	Rev: M01



Legend :

- Bray to City Centre Core Bus Corridor Scheme
- Bat Survey Transects

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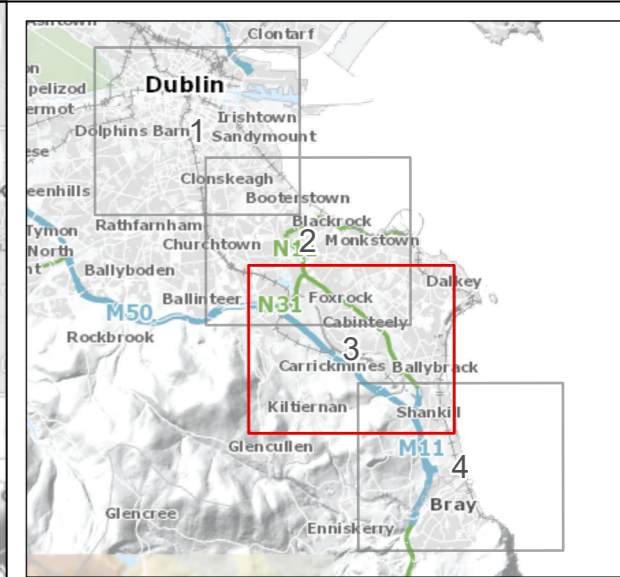
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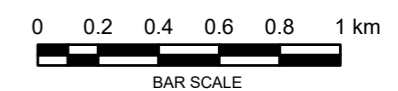
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 15/05/2023	Scale @ A3 1:25 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.1.1 Ecological Study Areas: Bat Activity Transect Routes and Building / Bridge Roost Feature Inspections				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0103	Sheet Number 2 of 4	Status A	Rev M01	



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

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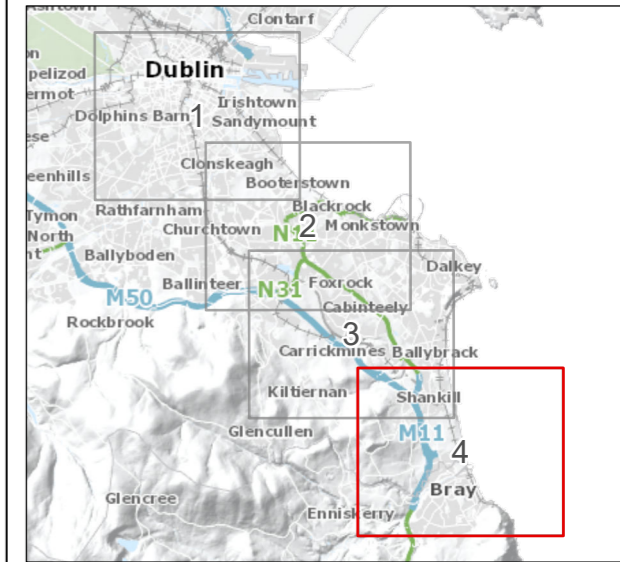
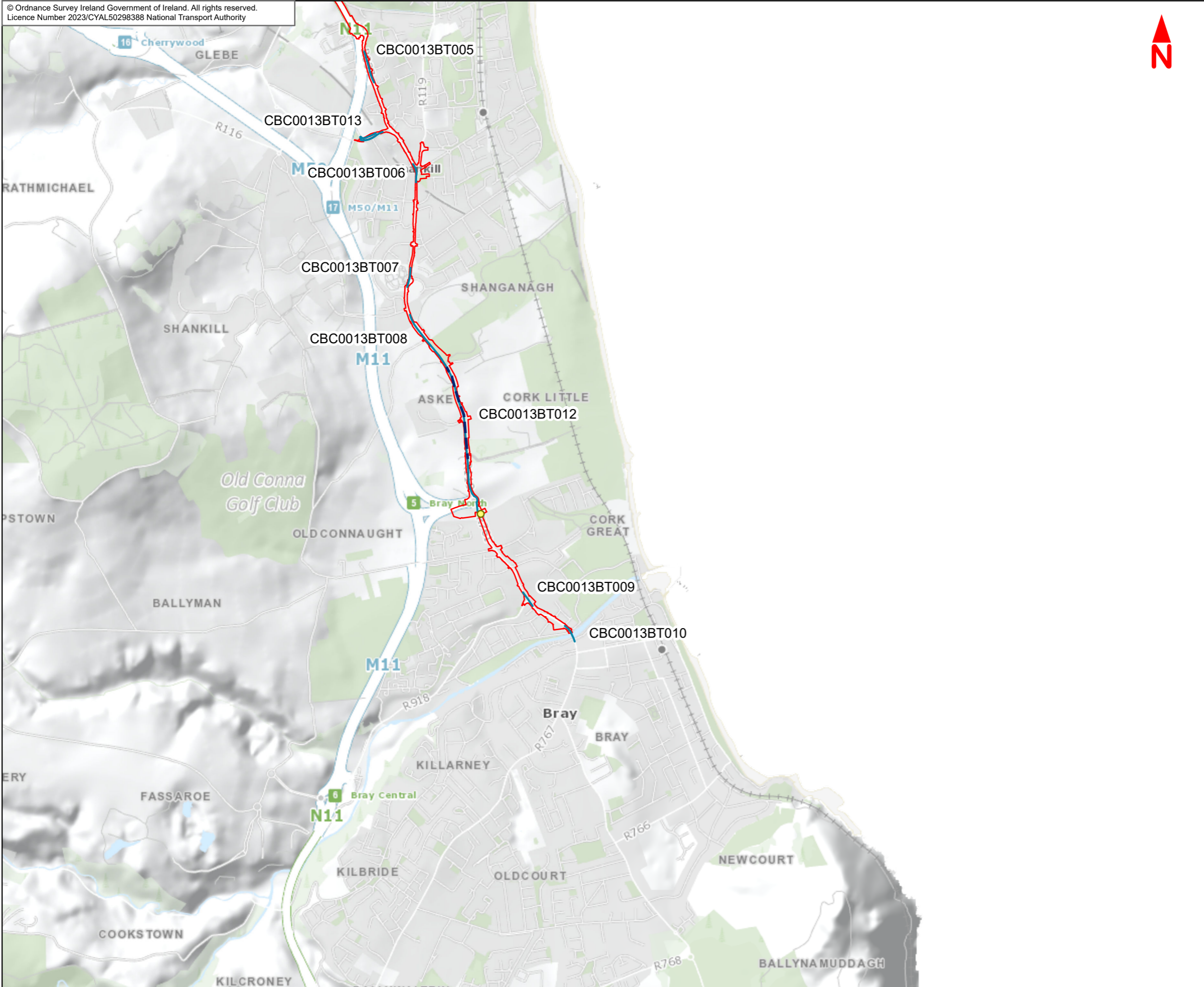
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

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

Consultant: **JACOBS ARUP SYSTRA**

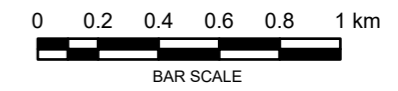
Date: 15/05/2023 | Scale @ A3: 1:25 000
 Drawn: EK | Checked: PW | Approved: DK
 Project Code: BCIDE | Originator Code: JAC

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.1.1 Ecological Study Areas: Bat Activity Transect Routes and Building / Bridge Roost Feature Inspections			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0102	Sheet Number: 3 of 4	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
 - CBC0013BT012
 - Building / Bridge Inspections

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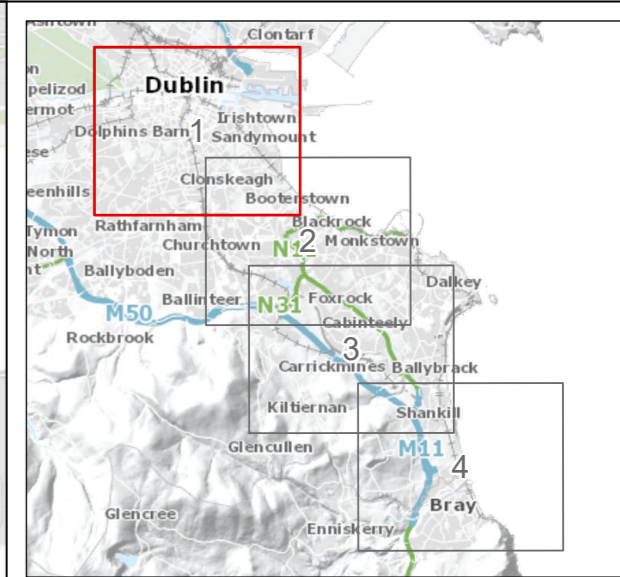
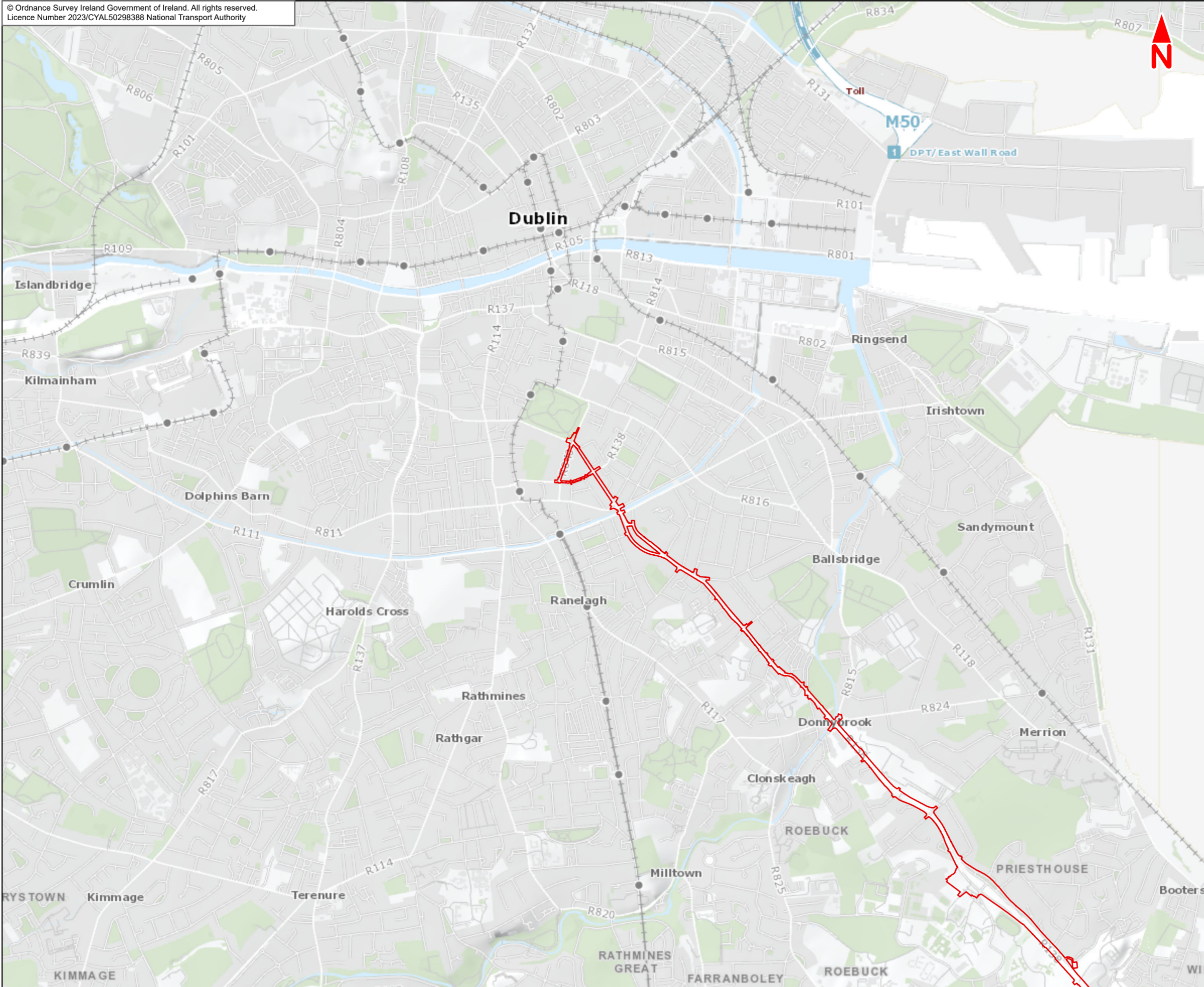
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 15/05/2023	Scale @ A3 1:25 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.1.1 Ecological Study Areas: Bat Activity Transect Routes and Building / Bridge Roost Feature Inspections				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0101	Sheet Number 4 of 4	Status A	Rev M01	

12.1.2

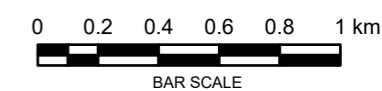
Ecological Study Areas: Wintering
Bird Transect Routes





Legend :
 Bray to City Centre Core Bus Corridor Scheme

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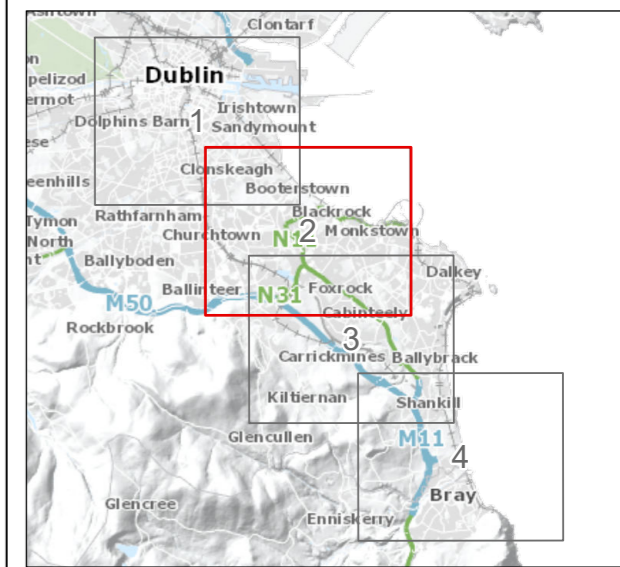
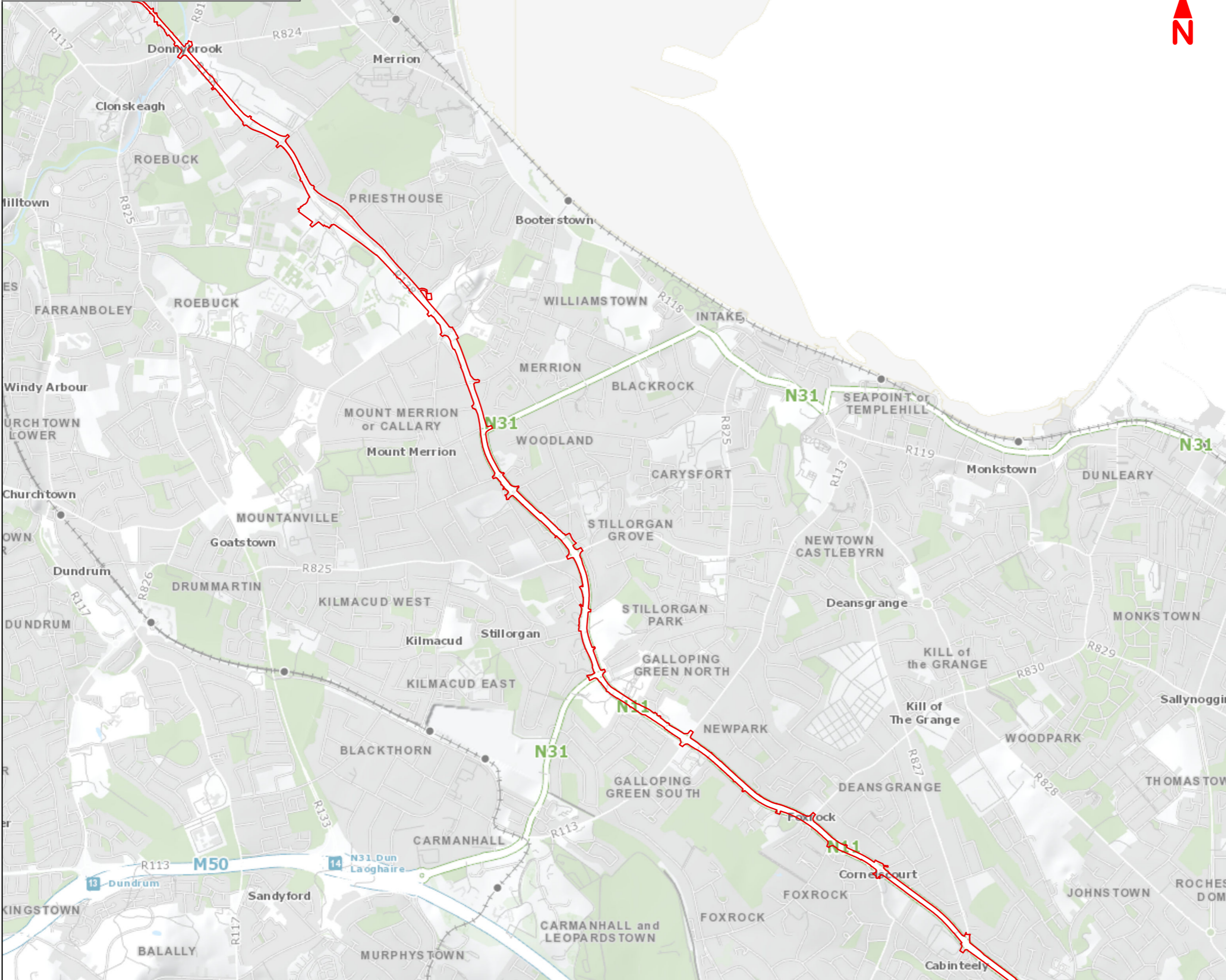
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

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

Consultant: **JACOBS ARUP SYSTRA**

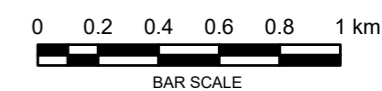
Date: 5/4/2023 Scale @ A3: 1:25 000
 Project Code: BCIDE Originator Code: JAC
 Drawn: EK Checked: PW Approved: DK
 QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.1.2 Ecological Study Areas: Wintering Bird Transect Routes			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0304	Sheet Number: 1 of 4	Status: A	Rev: M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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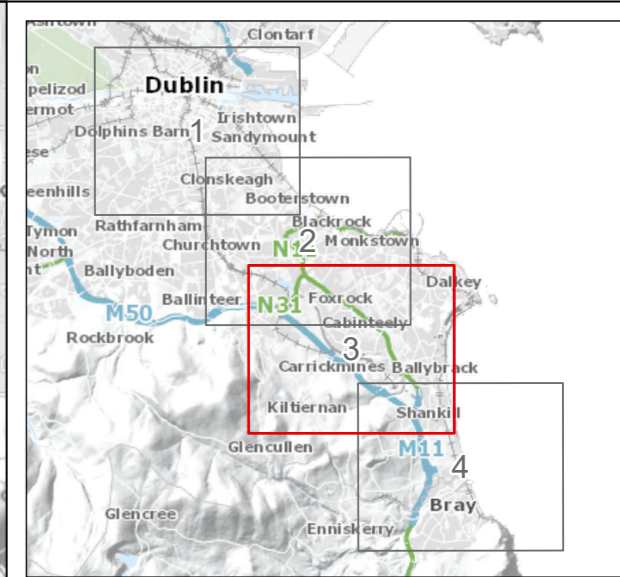
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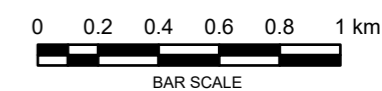
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:25 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.1.2 Ecological Study Areas: Wintering Bird Transect Routes				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0303	Sheet Number 2 of 4	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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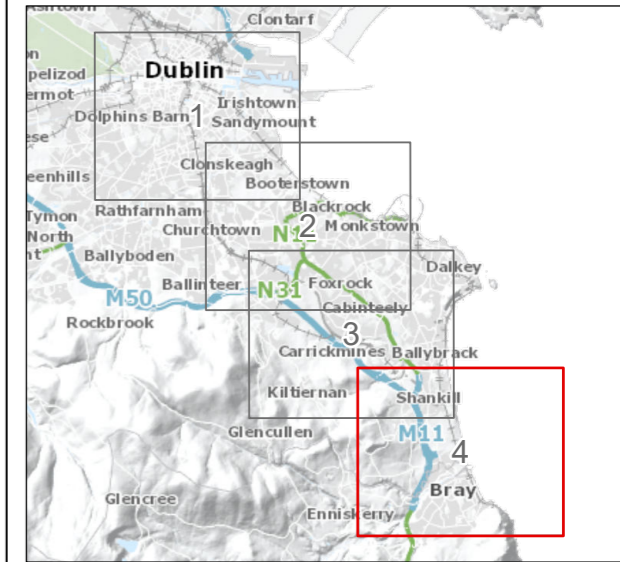
Rev	Date	Drn	Chk'd	App'd	Description
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Client: **NTA**
 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 5/4/2023 Scale @ A3: 1:25 000
 Project Code: BCIDE Originator Code: JAC
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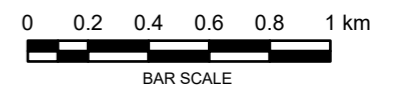
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.1.2 Ecological Study Areas: Wintering Bird Transect Routes			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0302	Sheet Number: 3 of 4	Status: A	Rev: M01



Legend :

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

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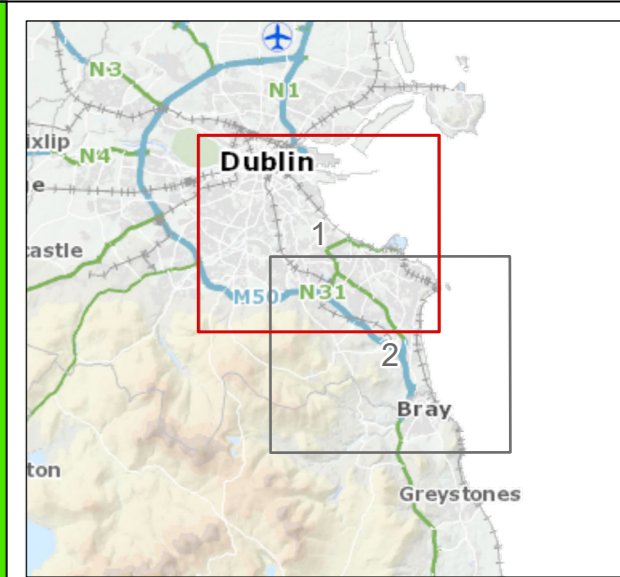
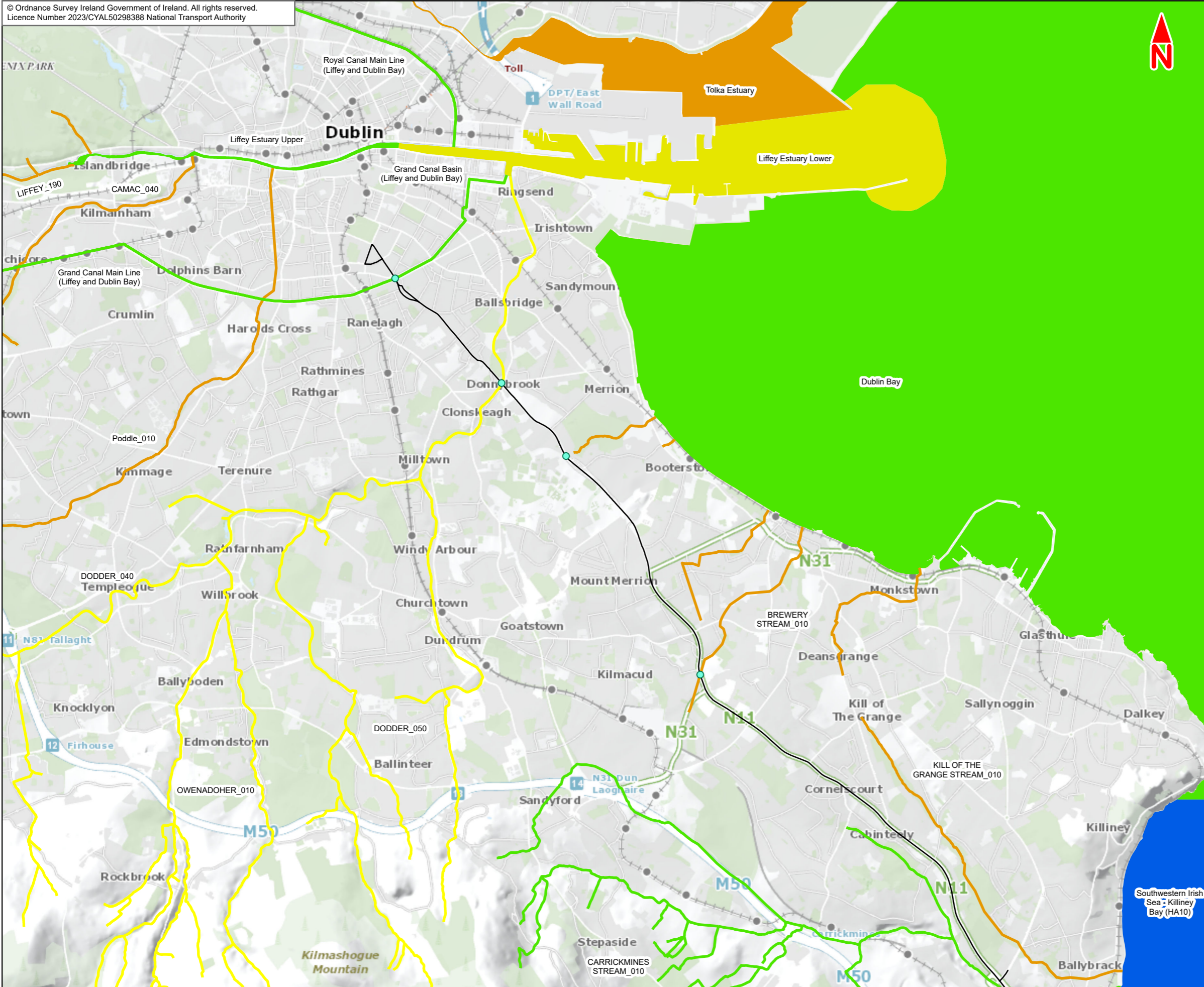
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Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:25 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.1.2 Ecological Study Areas: Wintering Bird Transect Routes				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0301	Sheet Number 4 of 4	Status A	Rev M01	

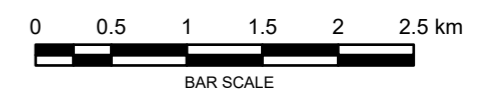
The background of the slide is a vibrant yellow. It is decorated with several abstract, organic shapes in shades of blue and green. These shapes are interconnected and feature white circular cutouts. The shapes are arranged in a way that suggests movement and connectivity, with some elements appearing to flow from the top right towards the bottom left. The overall aesthetic is modern and dynamic.

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

Consultant: **JACOBS ARUP SYSTRA**

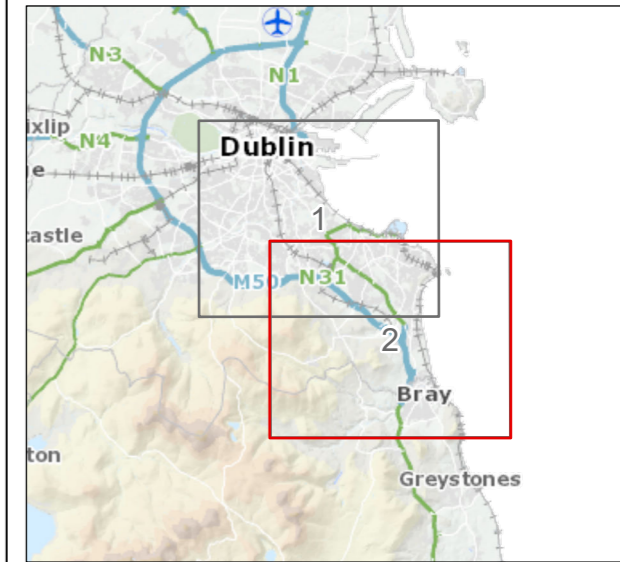
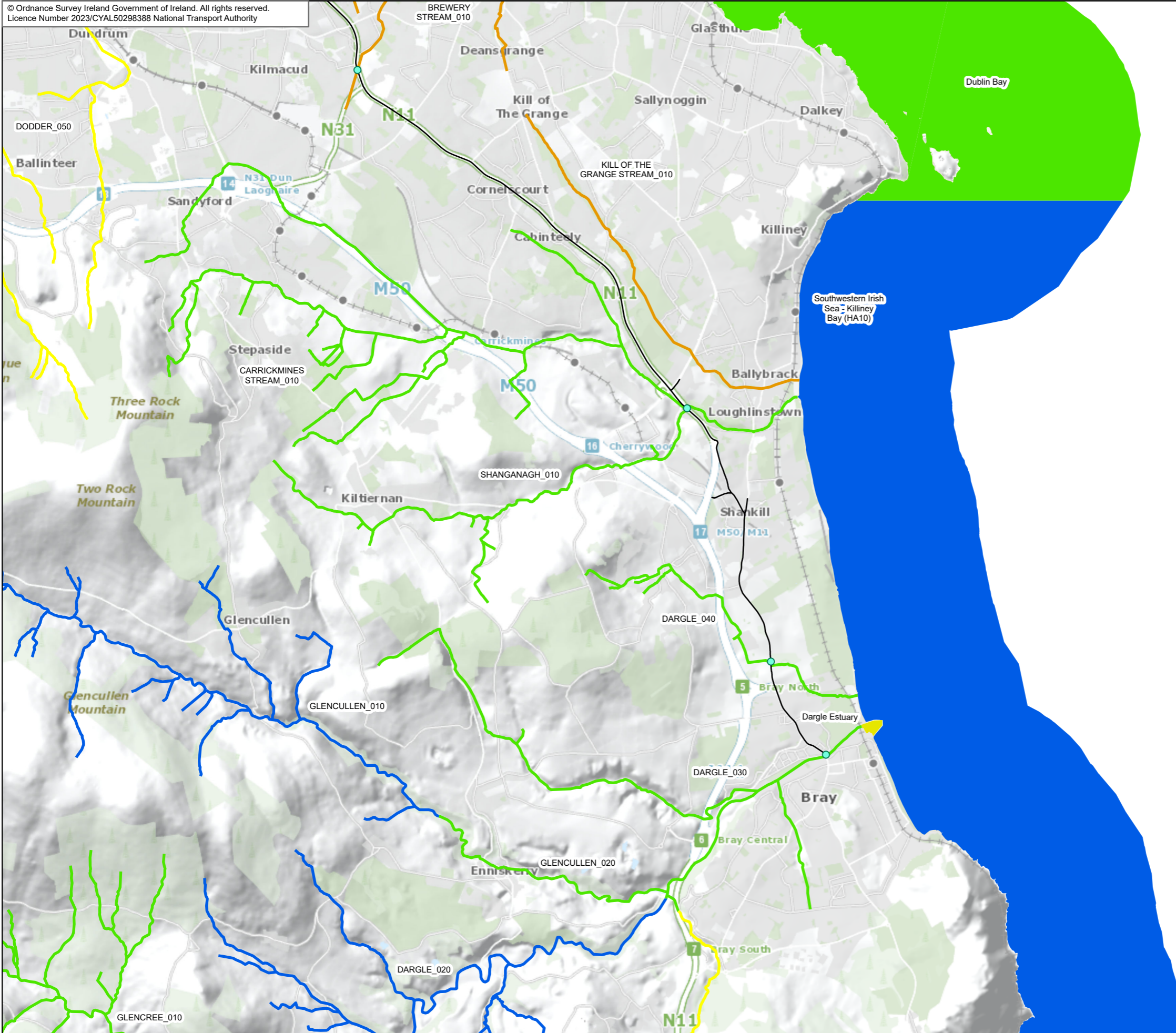
Date: 09/05/2023 | Scale @ A3: 1:50 000

Project Code: BCIDE | Originator Code: JAC

Drawn: TJ | Checked: PW | Approved: DK

QMS Code: _____

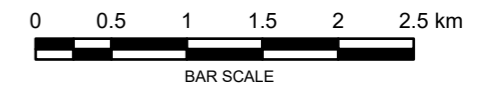
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.2 Hydrological Connectivity to the Proposed Scheme			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0004	Sheet Number: 1 of 2	Status: A	Rev: M01



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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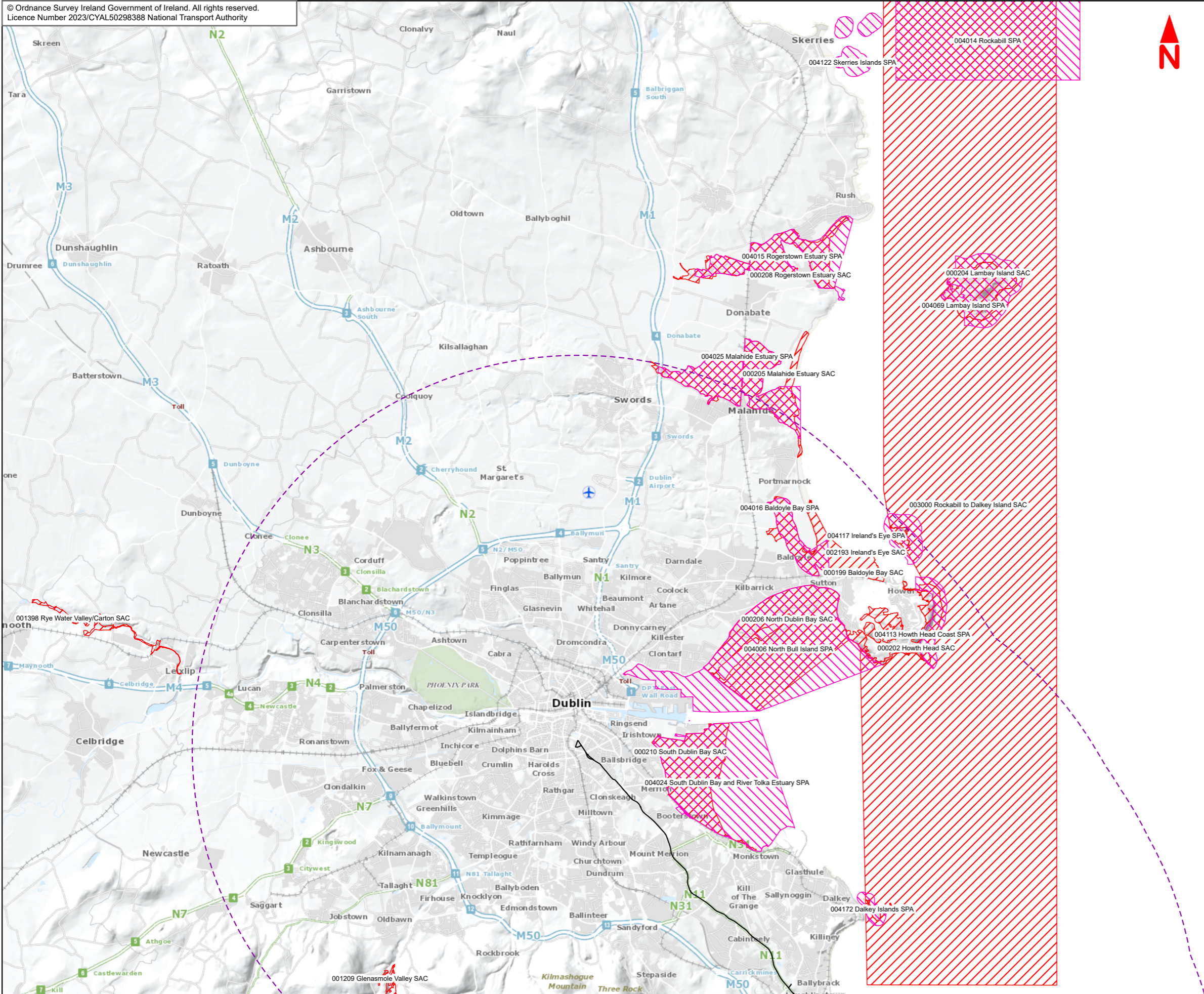
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 National Transport Authority

Consultant


Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.2 Hydrological Connectivity to the Proposed Scheme				
Date 09/05/2023	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-0003	Sheet Number 2 of 2	Status A	Rev M01	

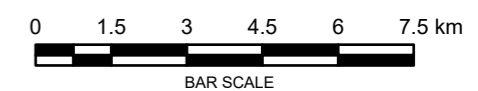
The background of the slide is a vibrant yellow. It is decorated with abstract, overlapping shapes in shades of blue and green. These shapes include rounded rectangles, elongated ovals, and curved bands. Interspersed among these shapes are several white circles of varying sizes, some of which are partially enclosed by the colored shapes. The overall aesthetic is modern and geometric.

12.3 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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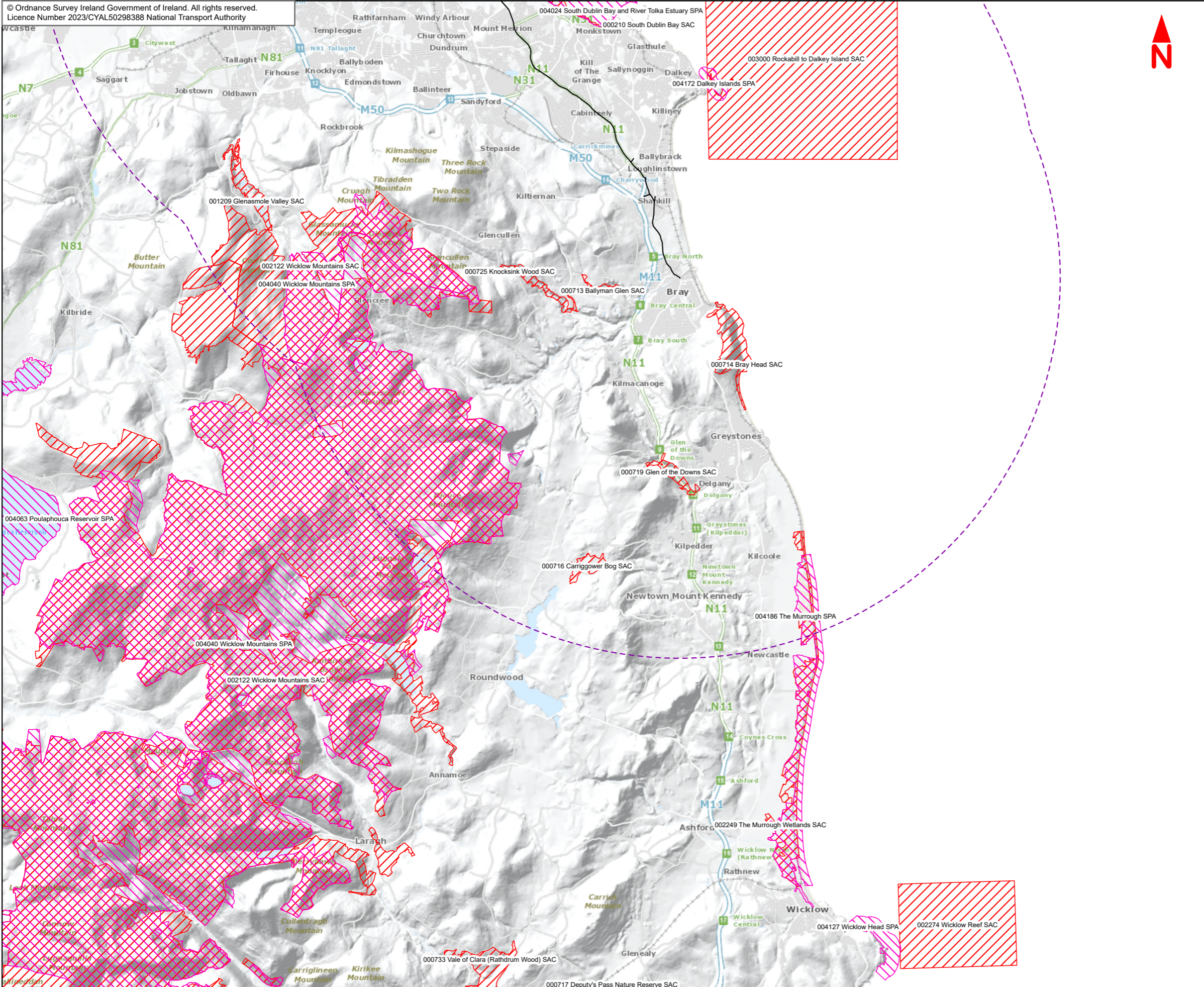
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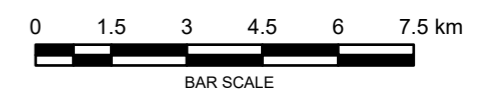
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 09/05/2023	Scale @ A3 1:150 000	Drawn MM	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.3 European sites in the Vicinity of the Proposed Scheme				
Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0001	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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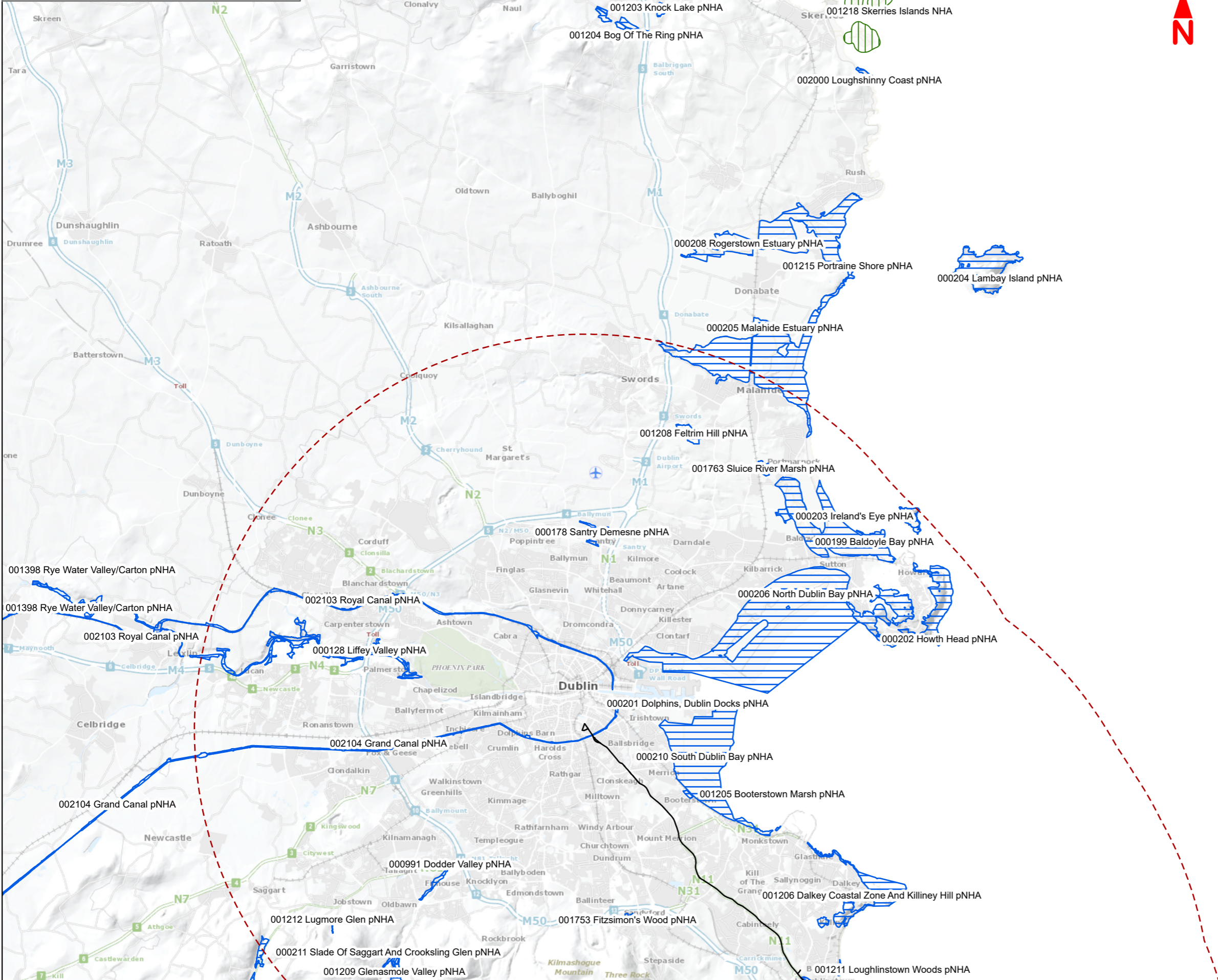
Consultant
JACOBS ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.3 European sites in the Vicinity of the Proposed Scheme				
Date 09/05/2023	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-0091	Sheet Number 2 of 2	Status A	Rev M01	

12.4

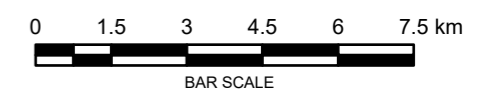
Natural Heritage Areas and
Proposed Natural Heritage
Areas in the Vicinity of the
Proposed Scheme





- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - 15km Study Area
 - Natural Heritage Area
 - Proposed Natural Heritage Area

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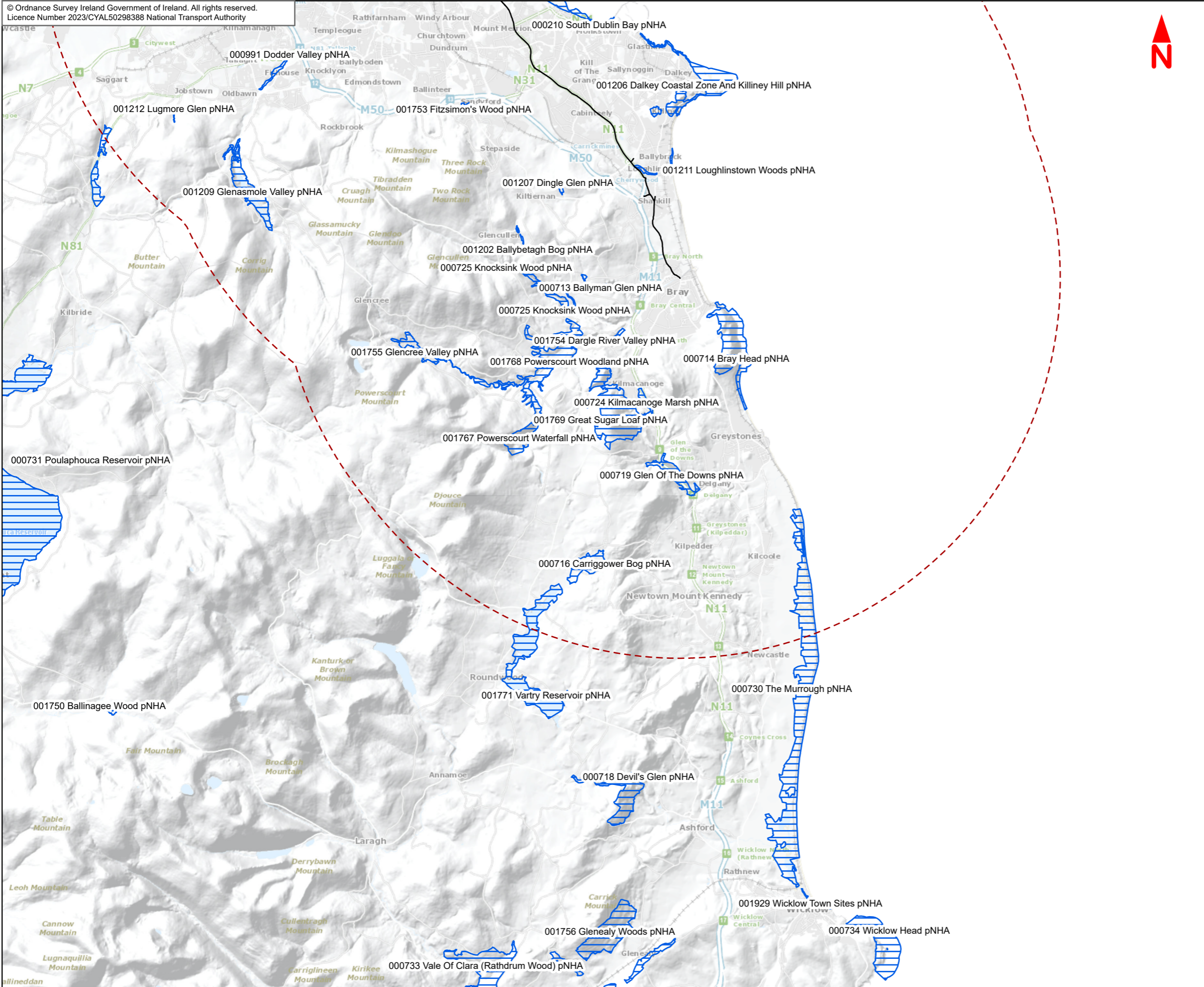


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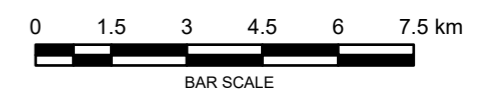
Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.4 Natural Heritage Areas and Proposed Natural Heritage Areas in the Vicinity of the Proposed Scheme				
Date 09/05/2023	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-0002
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- Legend :**
- Bray to City Centre
 - Core Bus Corridor Scheme
 - 15km Study Area
 - Proposed Natural Heritage Area

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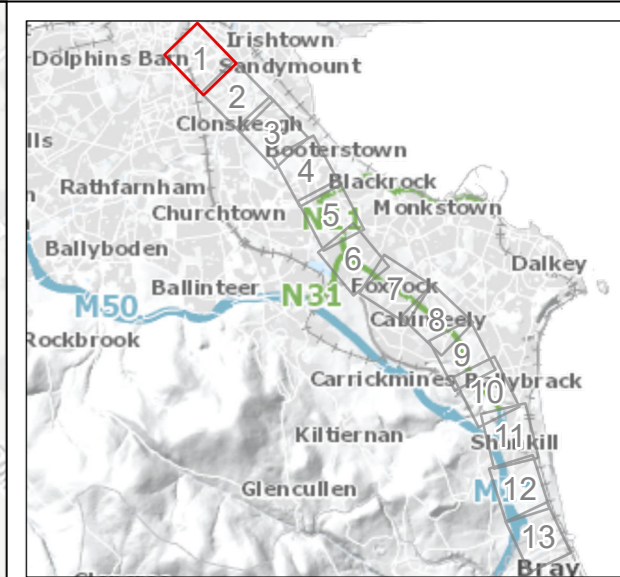
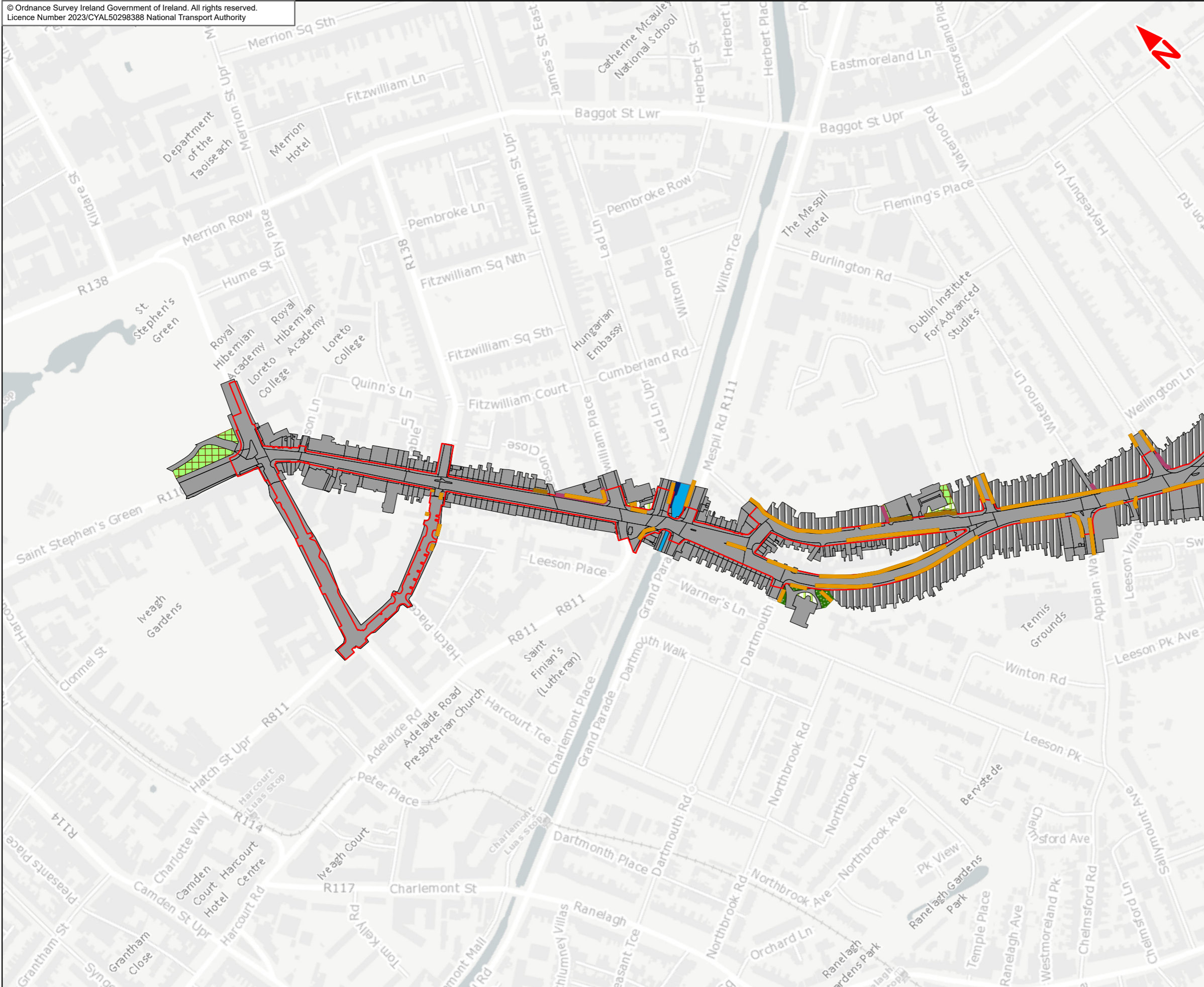
Client
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National Transport Authority

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JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.4 Natural Heritage Areas and Proposed Natural Heritage Areas in the Vicinity of the Proposed Scheme				
Date 09/05/2023	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-0092	Sheet Number 2 of 2	Status A	Rev M01	

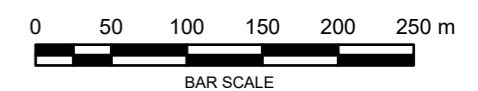


12.5
Habitat Survey Results
– Fossitt 2000 Habitat Classification



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- BL1
 - WL1
 - WL2
 - BC4
 - BL3
 - FS1
 - FW3
 - GA2
 - WD5
 - WL2
 - FS2
- Other Habitat Types**
- Res

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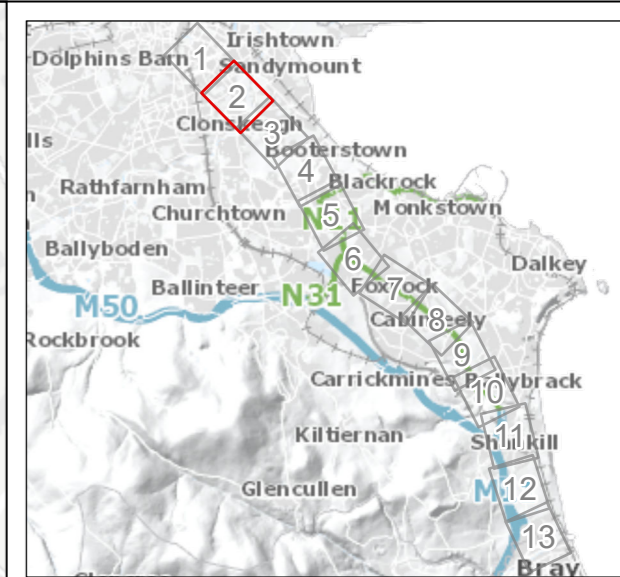
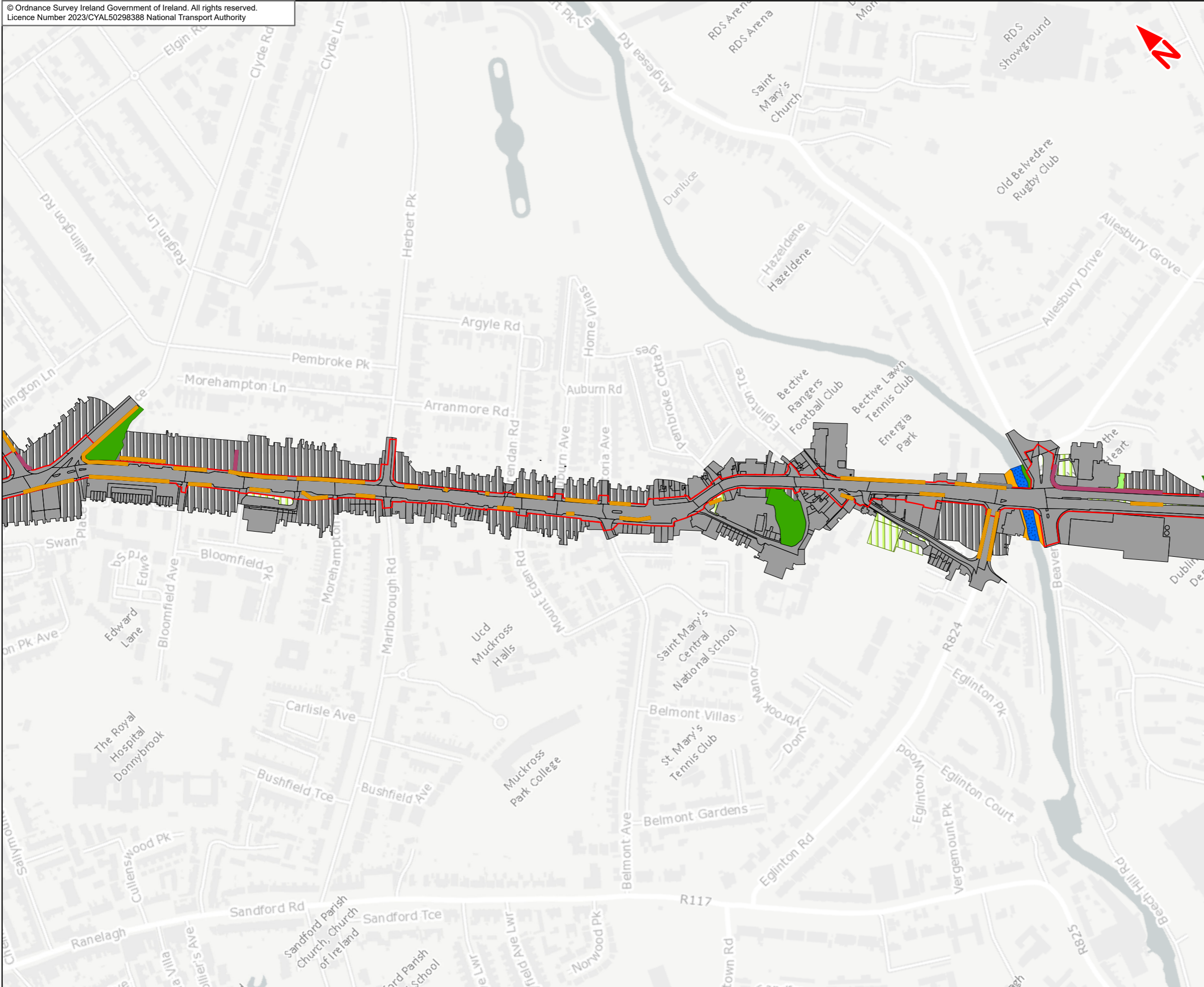
Date: 12/05/2023 | Scale @ A3: 1:5 000

Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

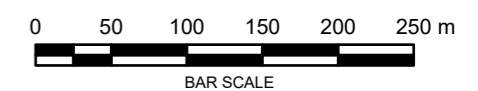
QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0213	Sheet Number: 1 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- BL1
 - BL3
 - WL2
 - BL3
 - FW2
 - GA2
 - WD1
 - WD5
 - WL1
 - WL2
 - WS1
- Other Habitat Types**
- Res

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

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Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

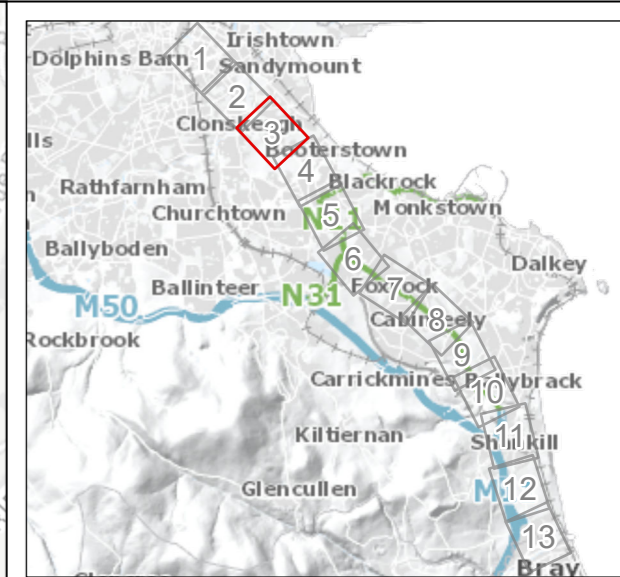
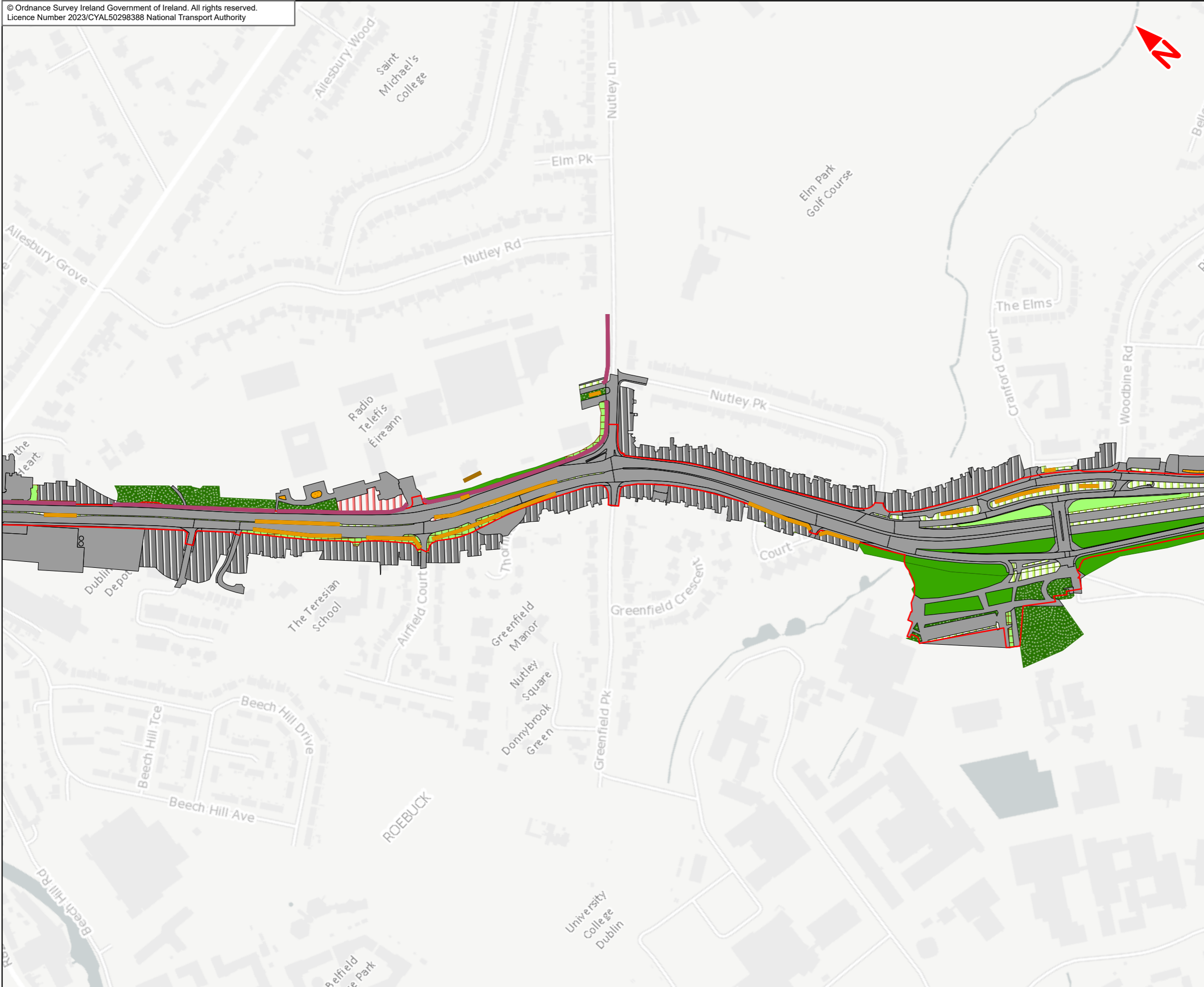
Date: 12/05/2023 | Scale @ A3: 1:5 000

Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

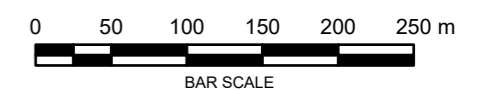
QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0212	Sheet Number: 2 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- BL1
 - WL1
 - WL2
 - BL3
 - ED2
 - GA2
 - WD1
 - WD5
 - WL1
 - WL2
 - WS3
- Other Habitat Types**
- Res

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Consultant: **JACOBS ARUP SYSTRA**

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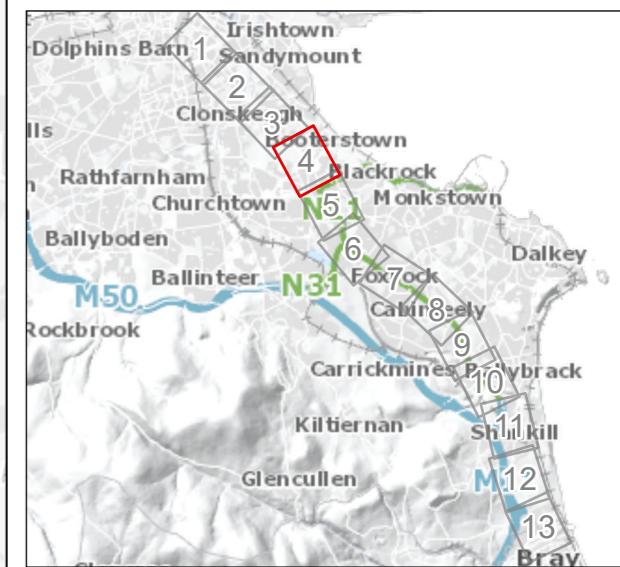
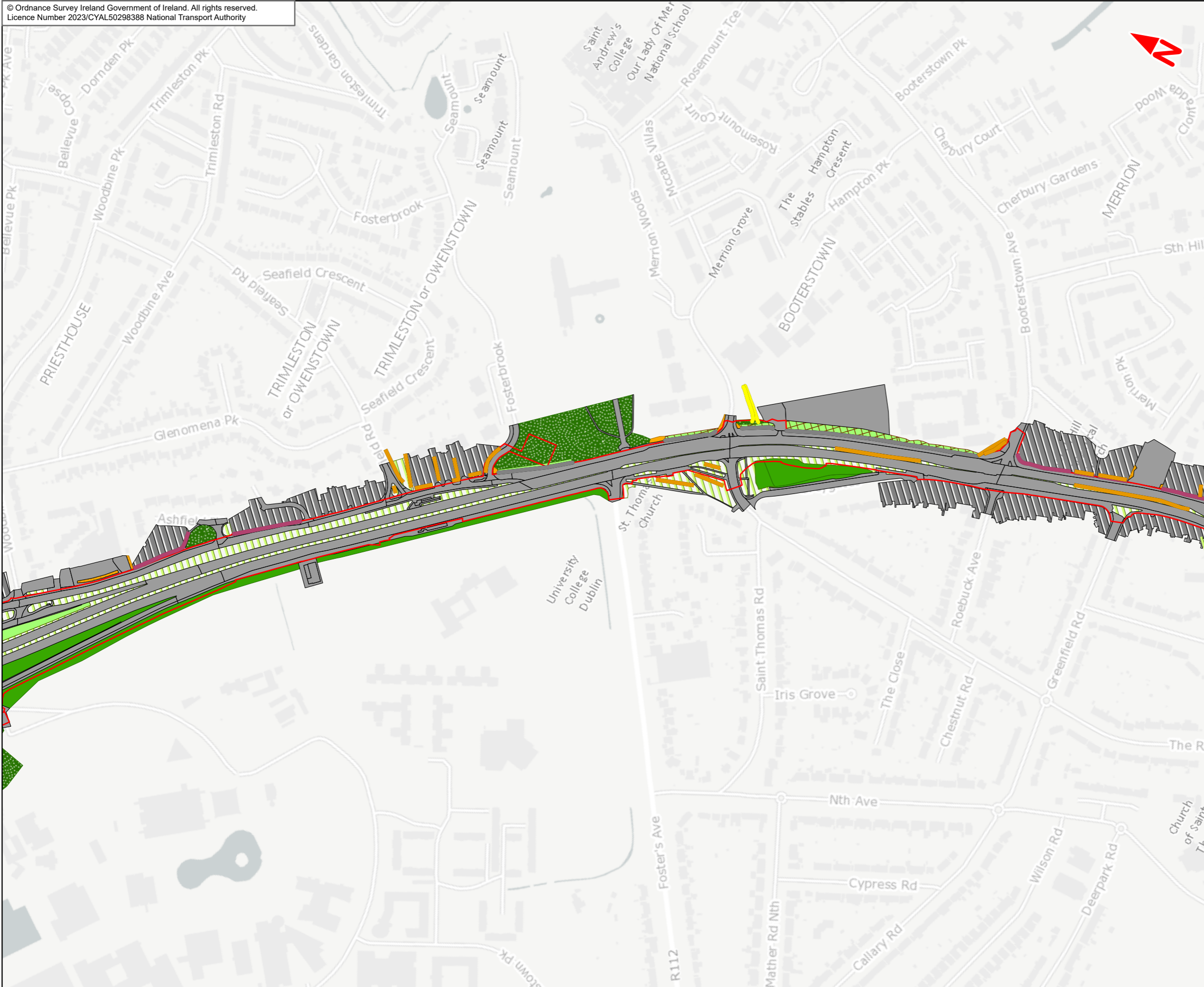
Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

QMS Code: _____

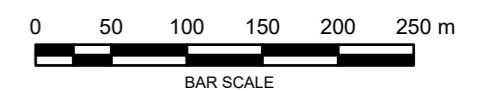
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0211	Sheet Number: 3 of 13	Status: A	Rev: M01





- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- BL1
 - BL3
 - WL2
 - WS1
 - BL3
 - GA2
 - WD1
 - WD5
 - WL1
 - WL2
 - WS1
 - WS3
- Other Habitat Types**
- Res

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Consultant: **JACOBS ARUP SYSTRA**

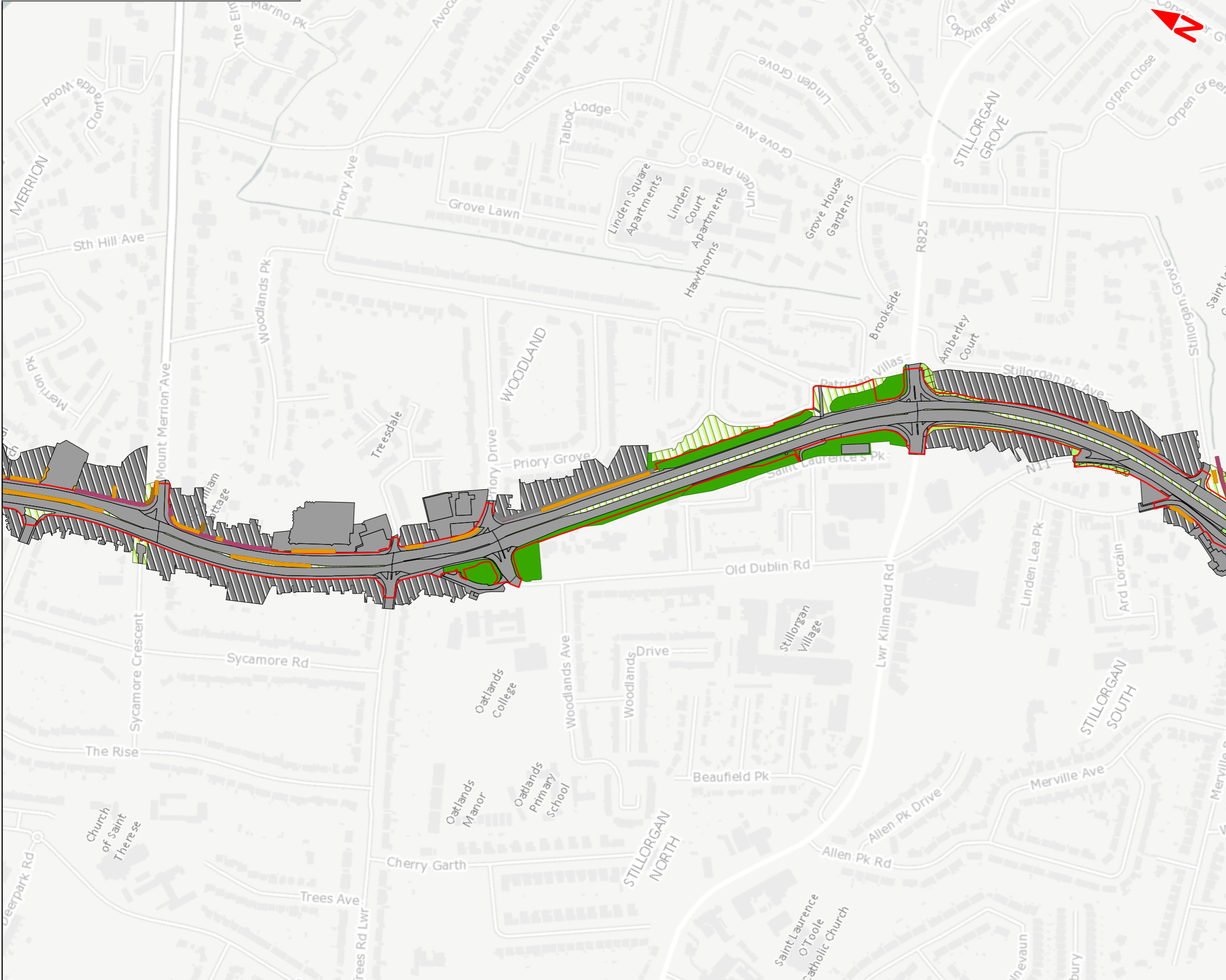
Date: 12/05/2023 | Scale @ A3: 1:5 000

Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0210	Sheet Number: 4 of 13	Status: A	Rev: M01



Legend :

- Bray to City Centre Core Bus Corridor Scheme

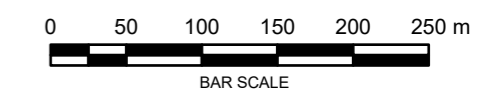
Fossitt Habitat Types

- BL1
- BL3
- WL1
- WL2
- BL3
- GA2
- WD1
- WL1
- WL2
- WS3

Other Habitat Types

- Res

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

Consultant: **JACOBS ARUP SYSTRA**

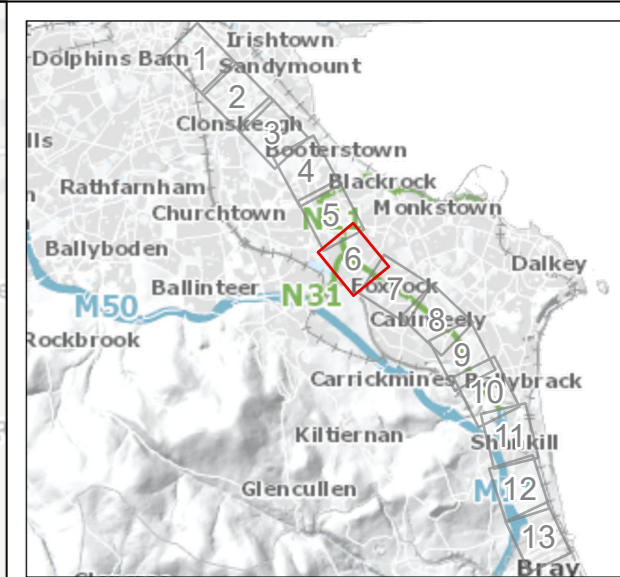
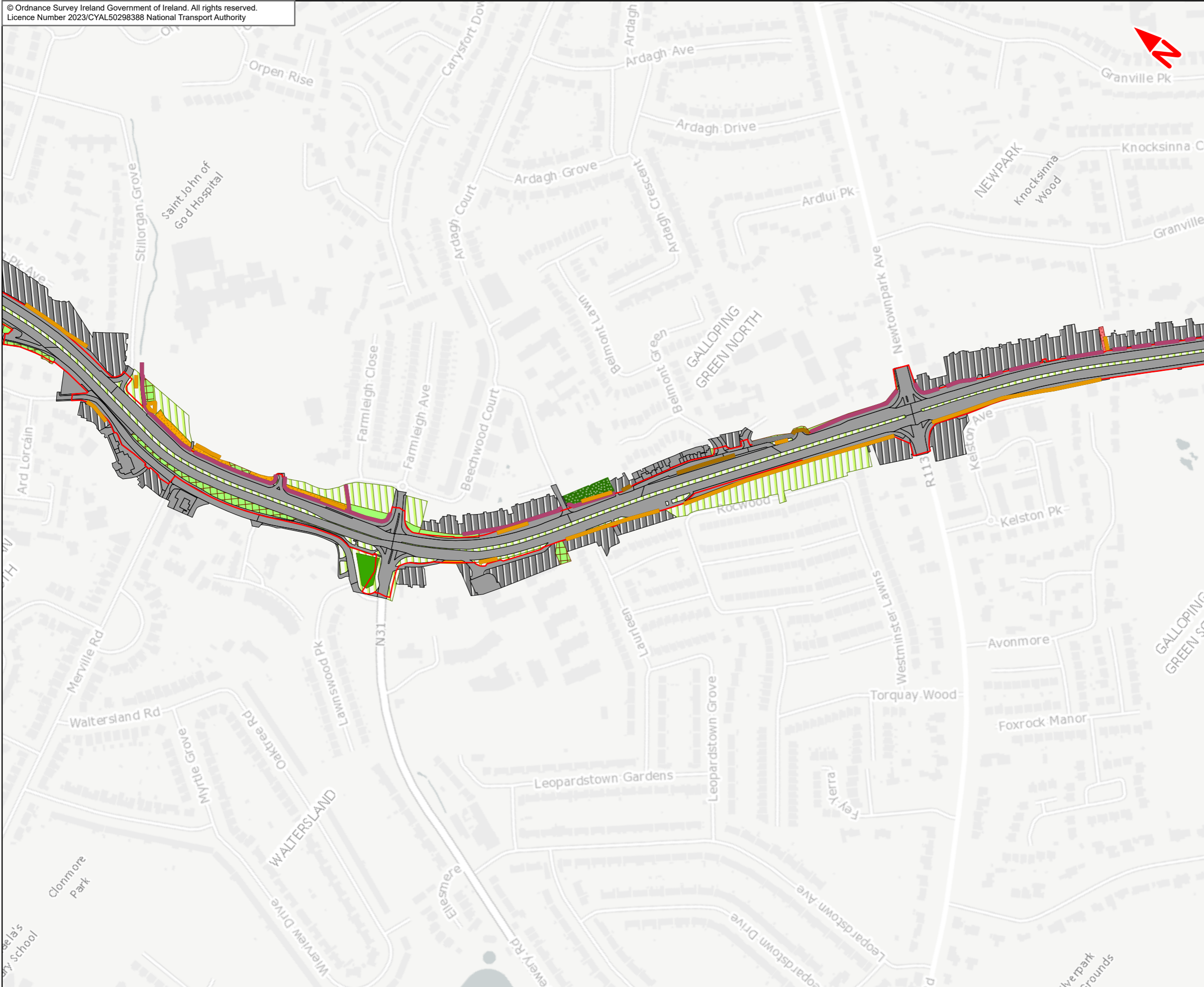
Date: 12/05/2023 | Scale @ A3: 1:5 000

Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

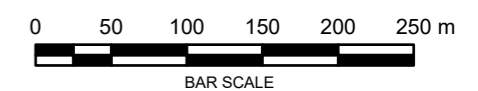
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0209	Sheet Number: 5 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- BL1
 - BL3
 - WL1
 - WL2
 - BL3
 - ED3
 - GA2
 - WD1
 - WD5
 - WL1
 - WL2
 - WS1
 - WS3
- Other Habitat Types**
- Res

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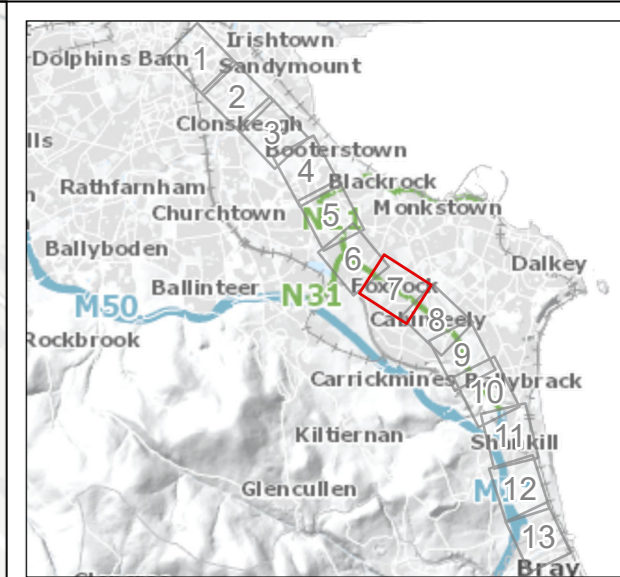
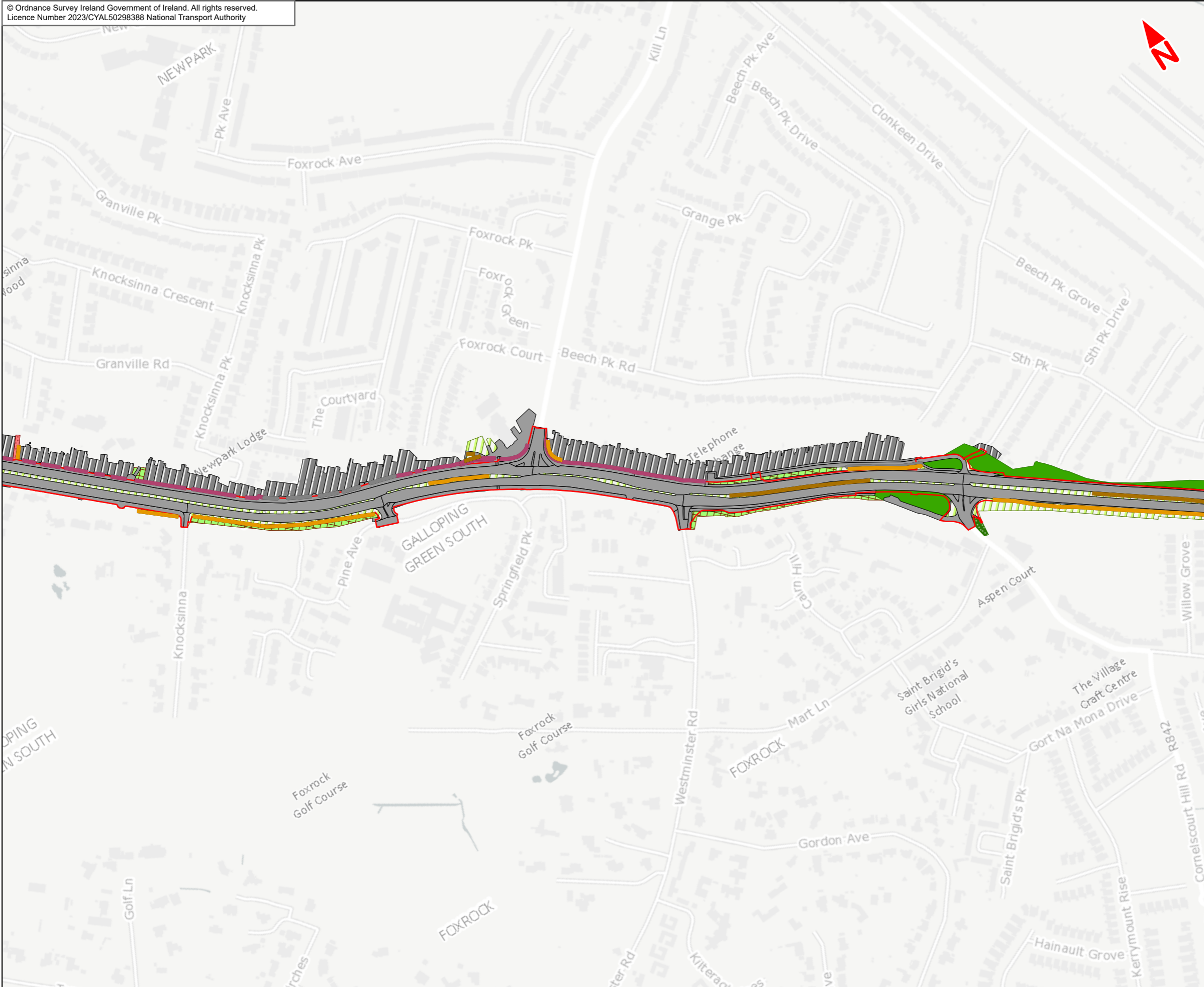
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Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 12/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0208	Sheet Number 6 of 13	Status A	Rev M01	



Legend :

Bray to City Centre
Core Bus Corridor Scheme

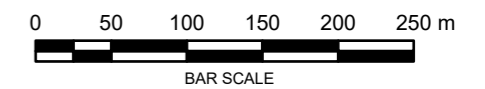
Fossitt Habitat Types

- BL1
- BL3
- WL1
- WL2
- BL3
- ED3
- GA2
- WD1
- WD5
- WL1
- WL2

Other Habitat Types

Res

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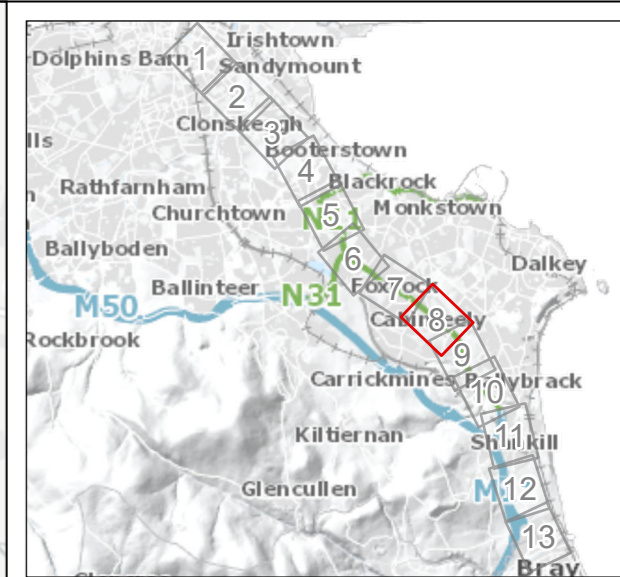
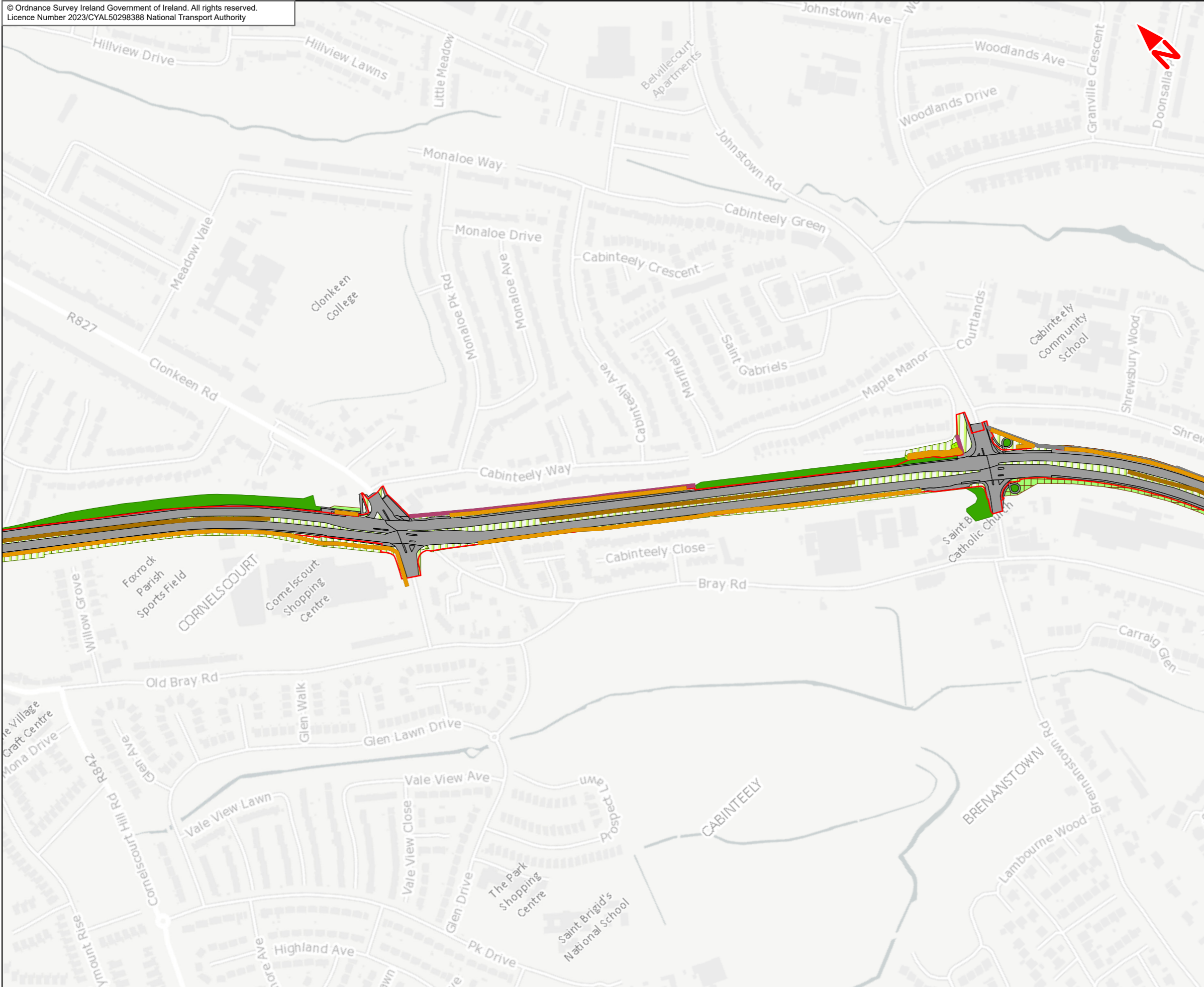
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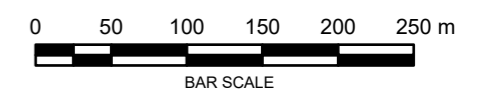
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 12/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0207	Sheet Number 7 of 13	Status A	Rev M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- BL1
 - BL3
 - WL1
 - WL2
 - BL3
 - GA2
 - GS2
 - WD1
 - WL1
 - WL2

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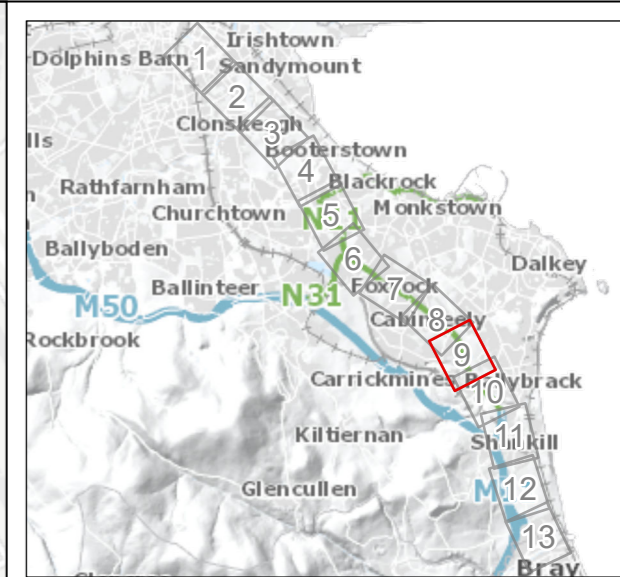
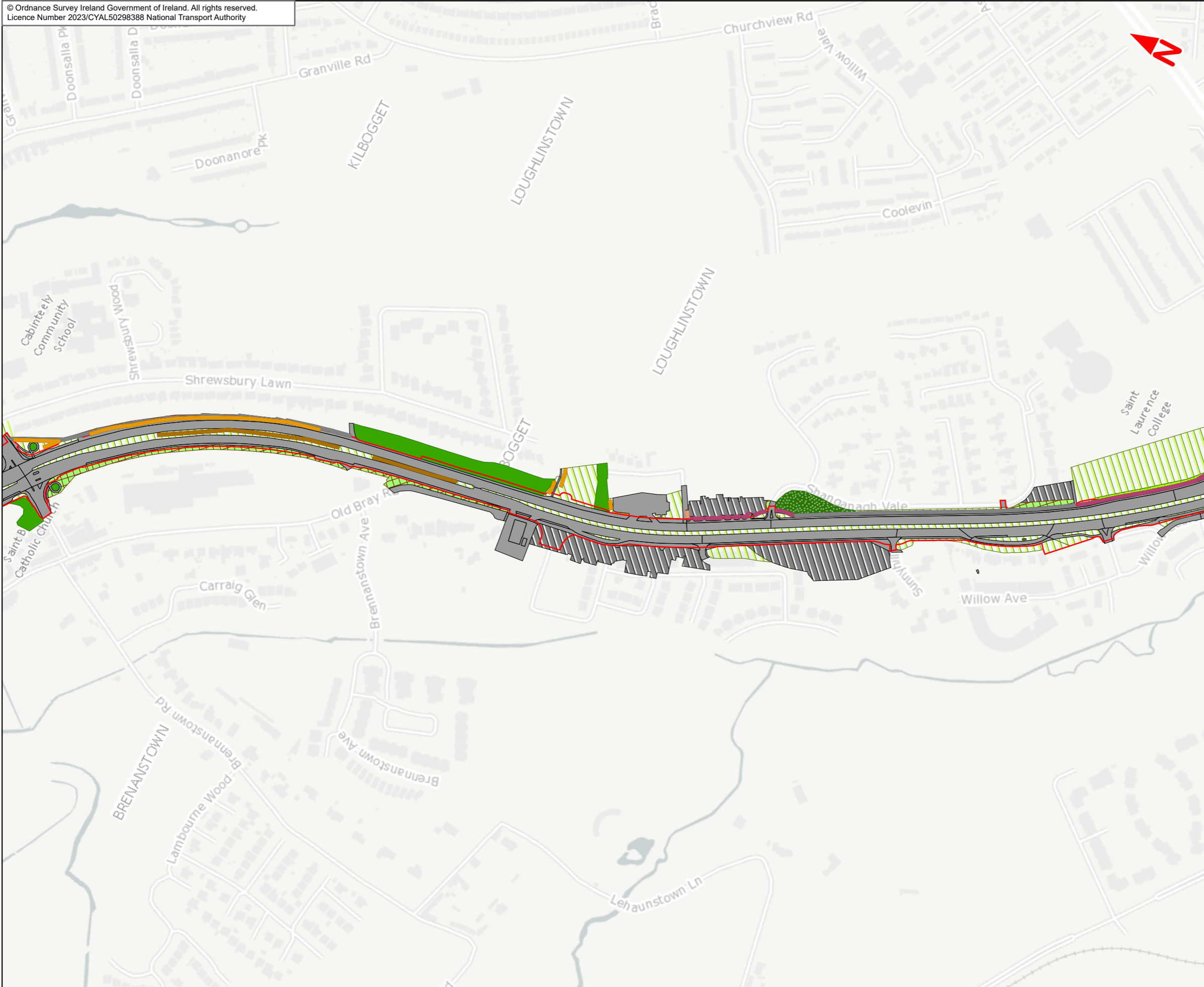
Rev	Date	Drn	Chk'd	App'd	Description
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Client

Consultant

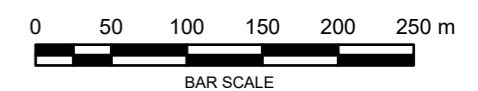
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Drawing Title					Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name	BCIDE-JAC-ENV	BD-0013_XX	00-DR-GG-0206	Sheet Number	8 of 13	Status	A	Rev	M01

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Project Code	BCIDE	Originator Code	JAC	QMS Code					



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- BL1
 - BL3
 - WL1
 - WL2
 - WS3
 - BL3
 - GA2
 - GS2
 - WD1
 - WD5
 - WL2
 - WS3
- Other Habitat Types**
- Res

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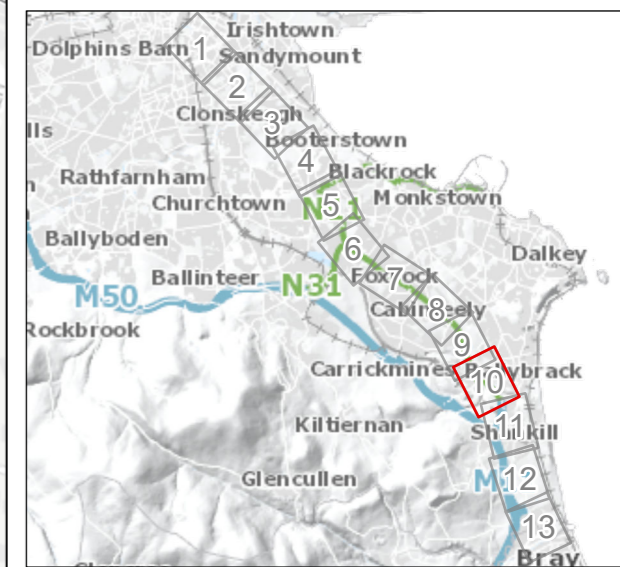
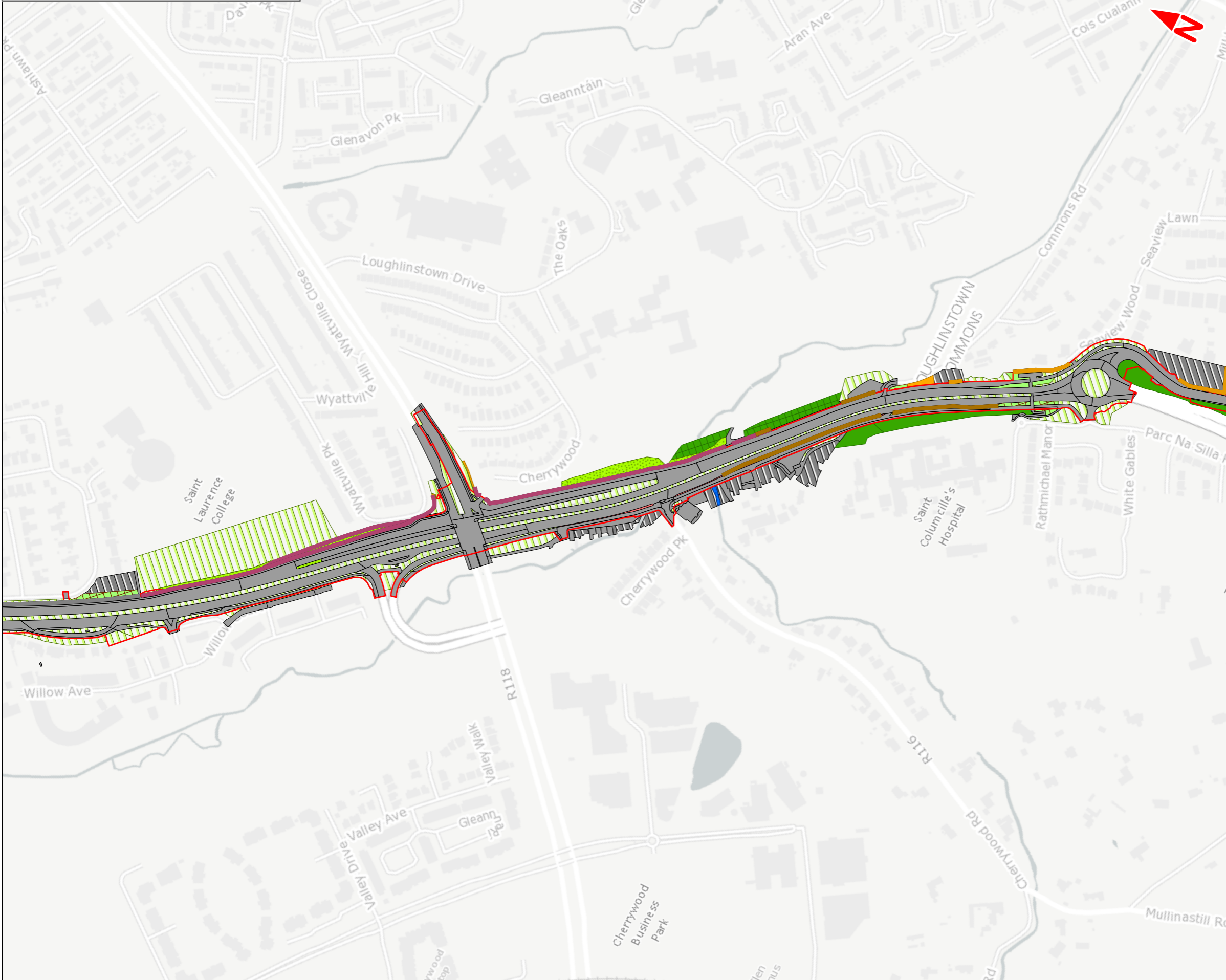
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M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority									
Date	12/05/2023	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 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification					
Drawing File Name	BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0205	Sheet Number	9 of 13	Rev	M01
Status	A				





Legend :
 Bray to City Centre Core Bus Corridor Scheme

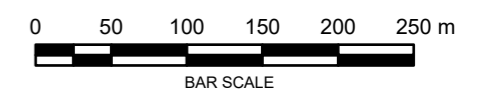
Fossitt Habitat Types

- BL1
- BL3
- WL1
- WL2
- BL3
- ED3
- FW2
- GA2
- GS2
- WD1
- WL1
- WL2
- WN6
- WS1
- WS3

Other Habitat Types

- Res

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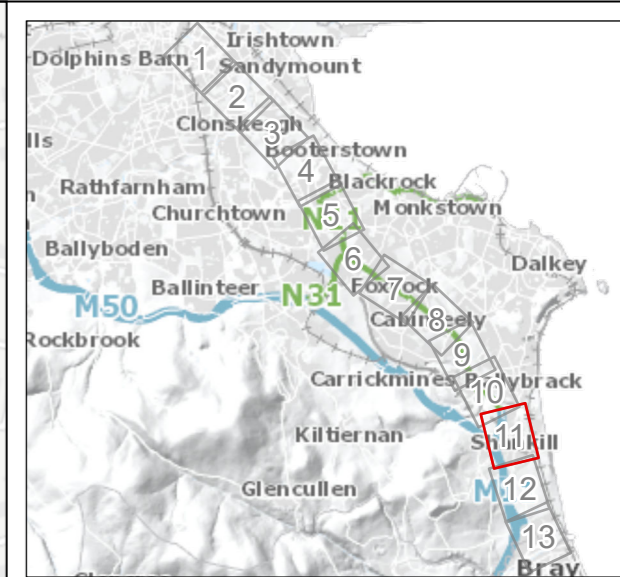
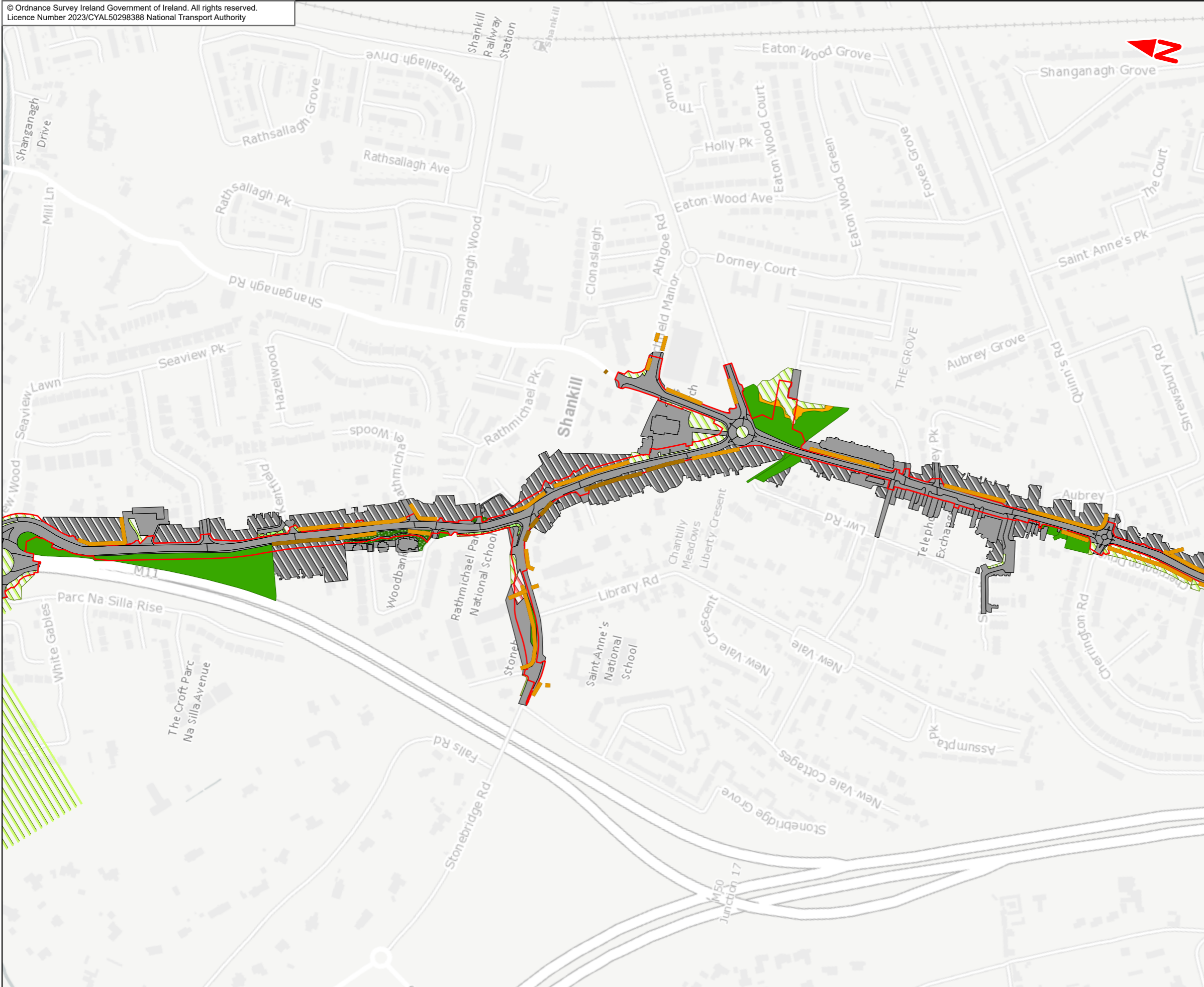
Rev	Date	Drn	Chk'd	App'd	Description
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Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 12/05/2023 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 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0204	Sheet Number: 10 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre Core Bus Corridor Scheme

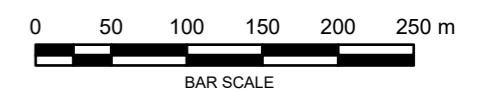
Fossitt Habitat Types

- WL1
- WL2
- BL3
- ED2
- GA2
- WD1
- WD5
- WL1
- WL2
- WS1

Other Habitat Types

- Res

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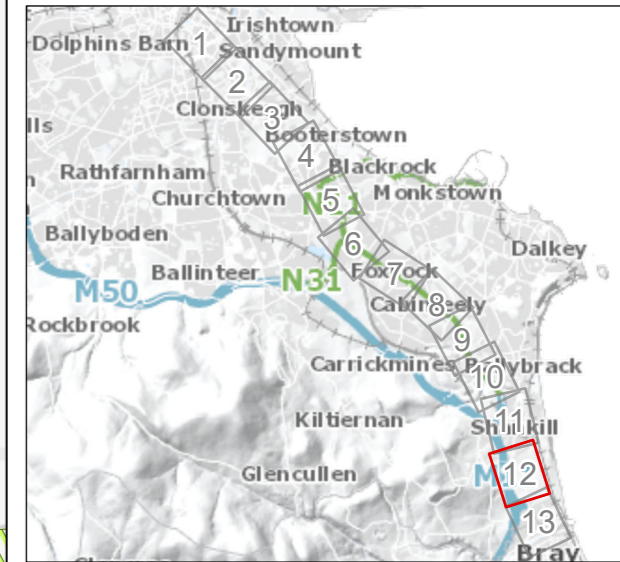
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Consultant
JACOBS
ARUP SYSTRA

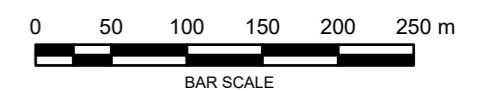
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0203	Sheet Number 11 of 13	Status A	Rev M01	

Date 12/05/2023	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
- Fossitt Habitat Types**
- WL2
 - BC1
 - BL3
 - ED2
 - GA2
 - WD1
 - WD5
 - WL1
 - WL2
- Other Habitat Types**
- Res

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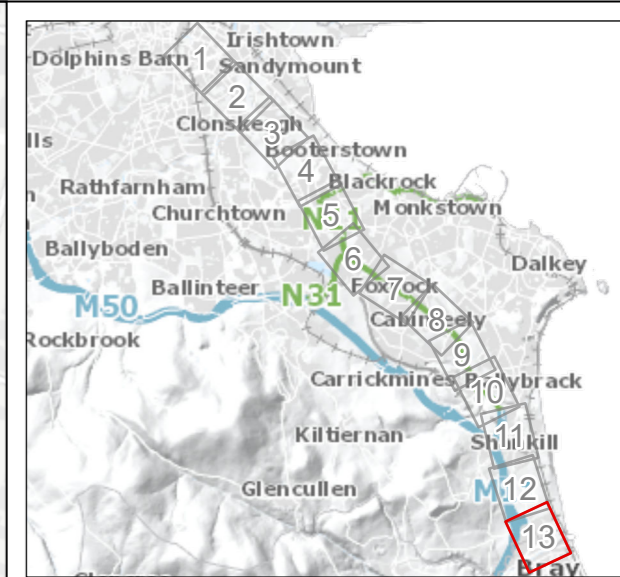
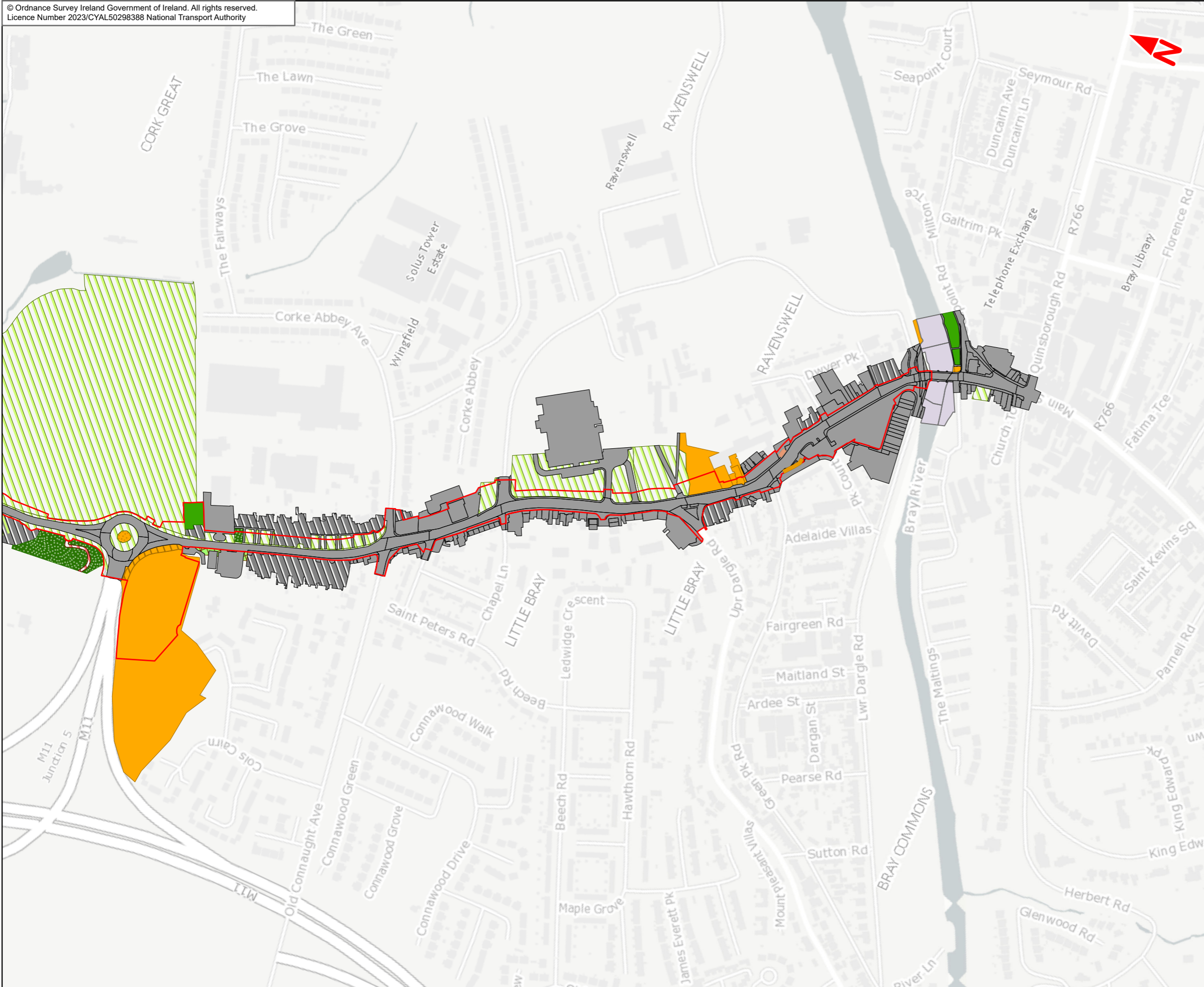
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Date	12/05/2023	Scale @ A3	1:5 000	Drawn	EK	Checked	PW	Approved	DK
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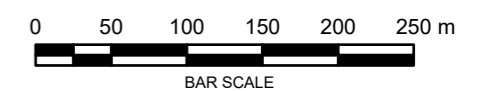
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification			
Drawing File Name	BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0202	Sheet Number	12 of 13
Status	A	Rev	M01





- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
- Fossitt Habitat Types**
- WL2
 - WS3
 - BL3
 - CW2
 - ED2
 - GA2
 - WD1
 - WD5
 - WL2
 - WS1
 - WS2
 - WS3
- Other Habitat Types**
- Res

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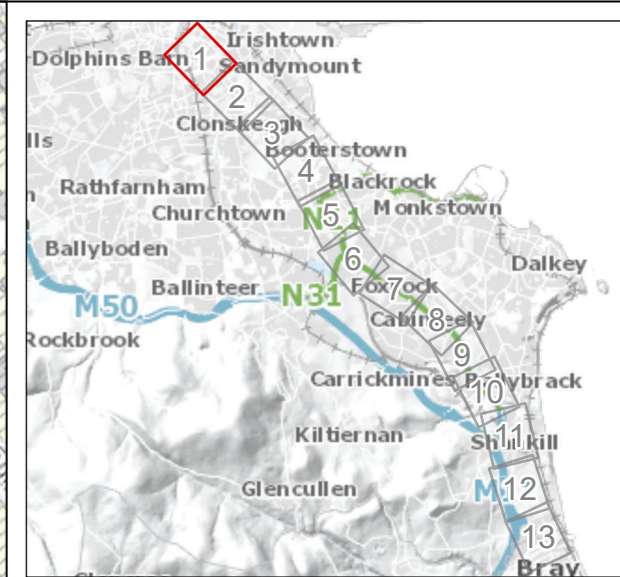
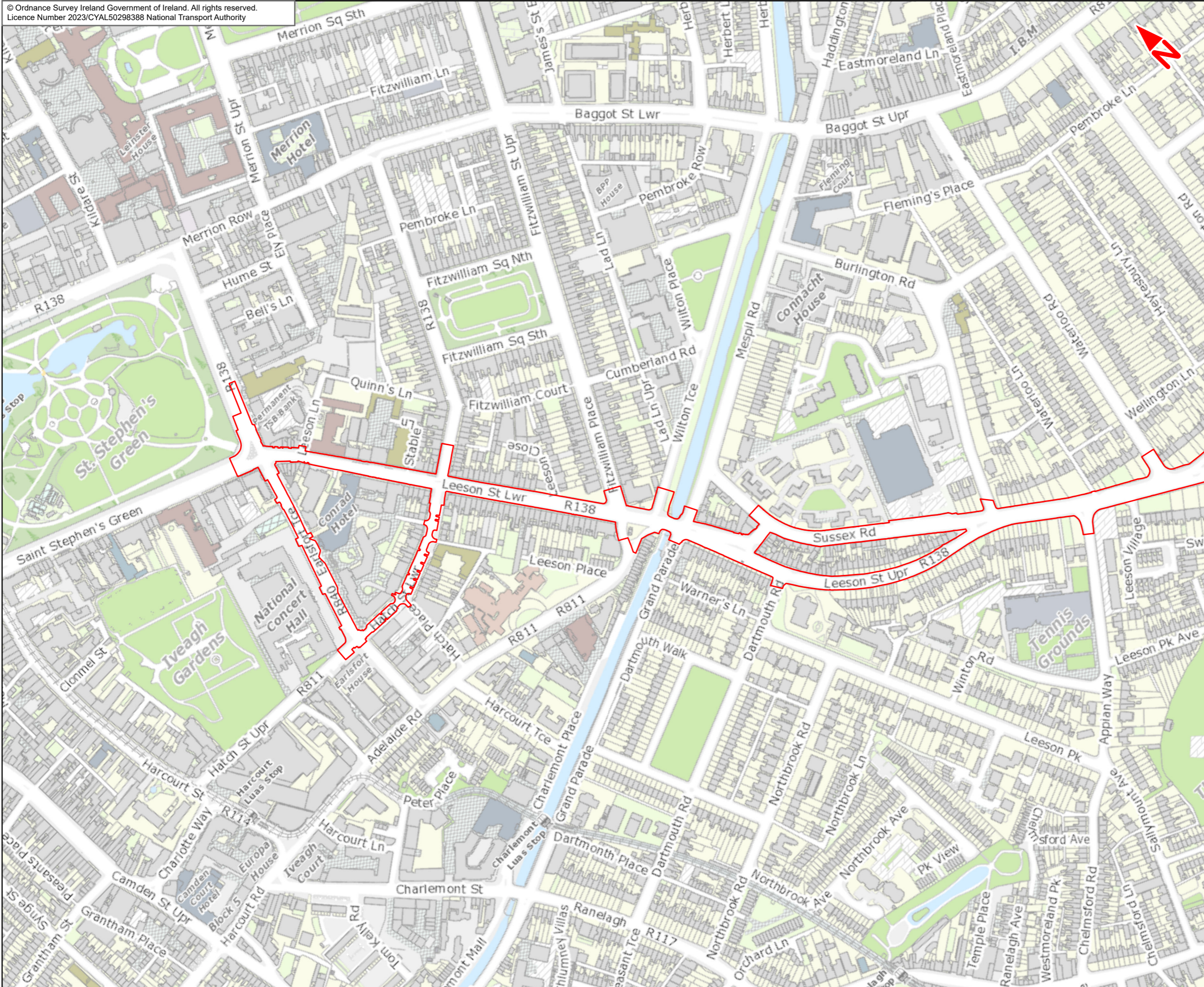
Consultant

Programme Title					BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title					Bray to City Centre Core Bus Corridor Scheme Figure 12.5 Habitat Survey Results - Fossitt 2000 Habitat Classification				
Drawing File Name	BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0201	Sheet Number	13 of 13	Status	A	Rev	M01		

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Project Code	BCIDE	Originator Code	JAC	QMS Code					

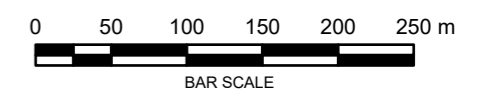
The background of the slide is a vibrant yellow. It is decorated with several abstract, overlapping shapes in shades of blue and green. These shapes include rounded rectangles, elongated ovals, and curved bands. Interspersed among these shapes are several white circles of varying sizes, some of which are partially enclosed by the colored shapes. The overall aesthetic is modern and graphic.

12.6
Non-Native Invasive Plant
Species Survey Results



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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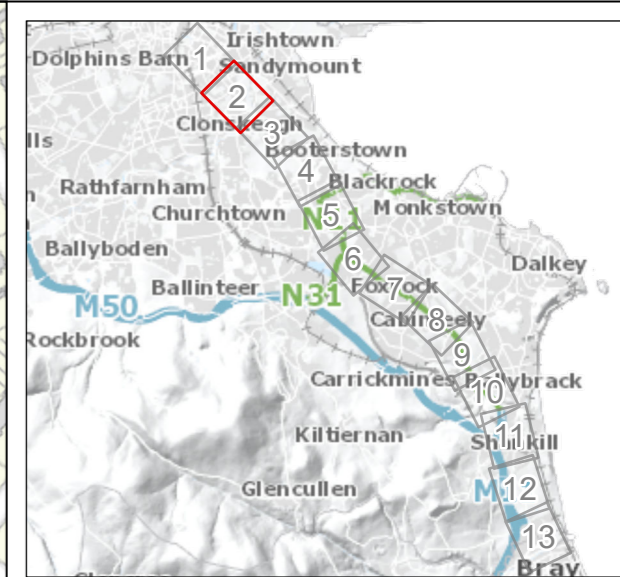
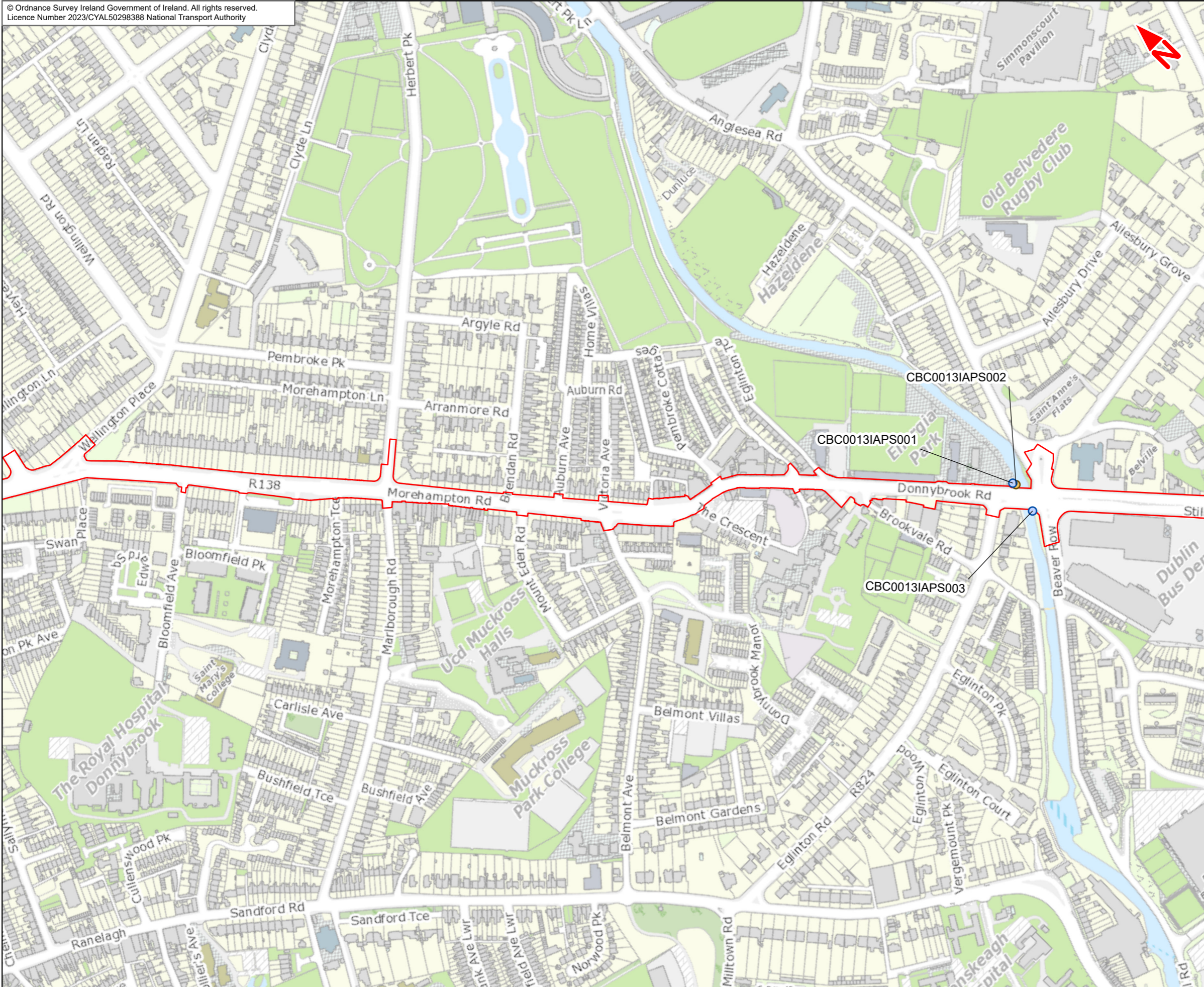
Consultant: **JACOBS ARUP SYSTRA**

Date: 11/05/2023
Scale @ A3: 1:5 000

Project Code: BCIDE
Originator Code: JAC

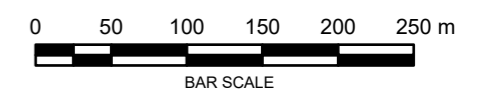
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Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results		
Drawing File Name	BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0713	Sheet Number	1 of 13
Status	A	Rev	M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - *Impatiens glandulifera*
 - *Reynoutria japonica*

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

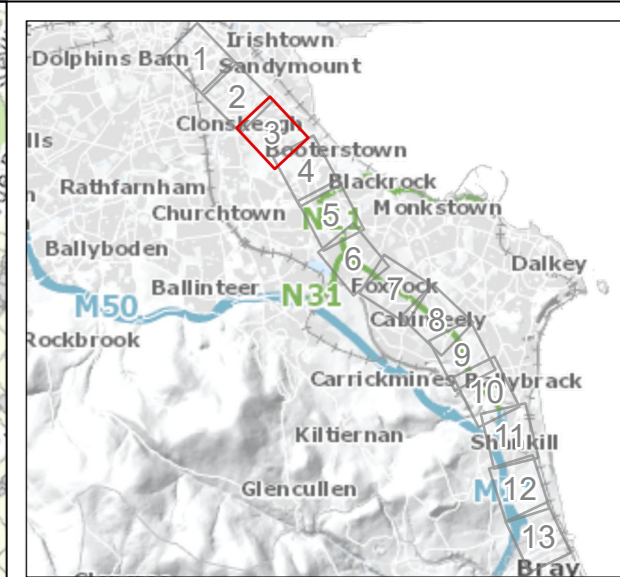
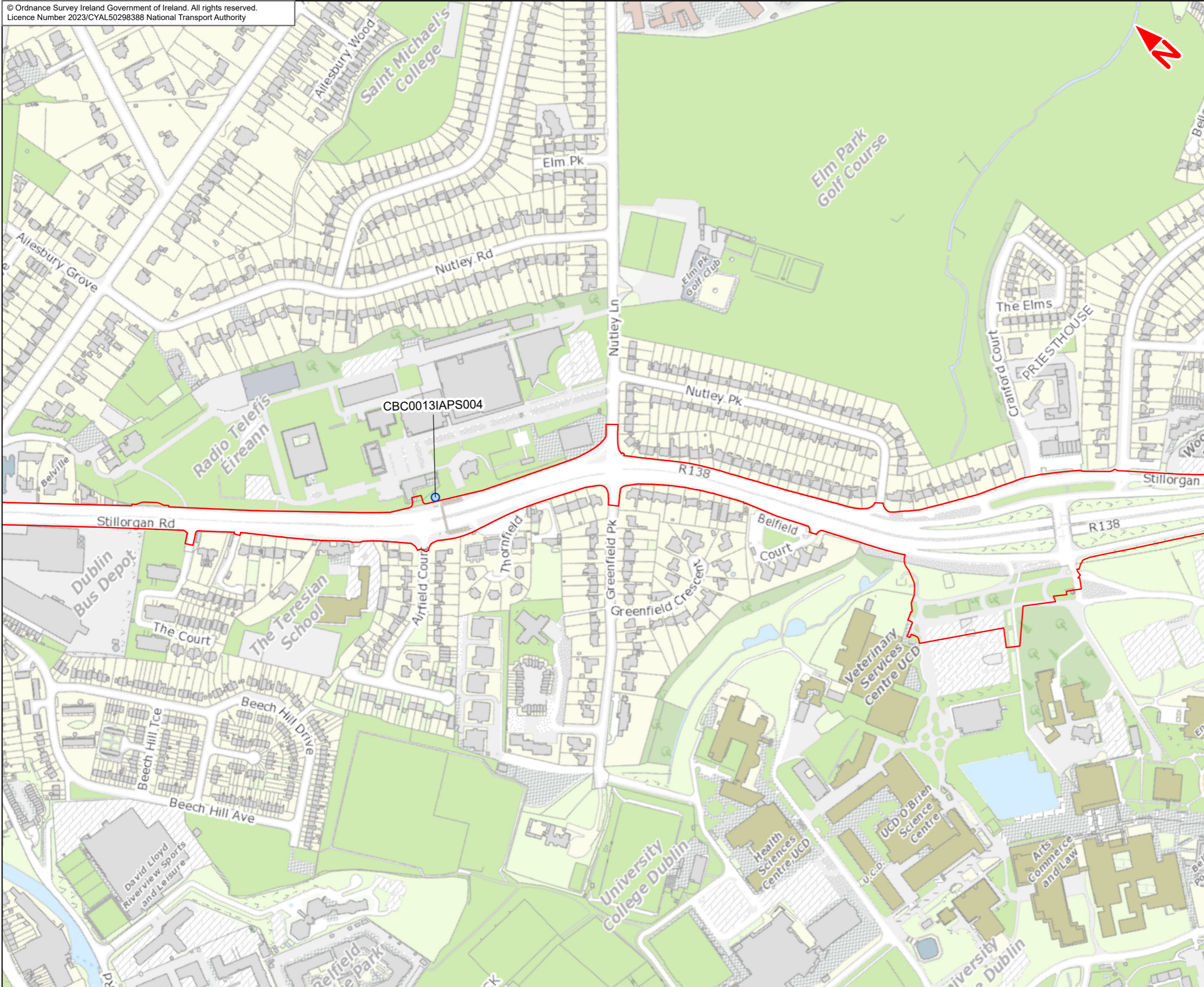
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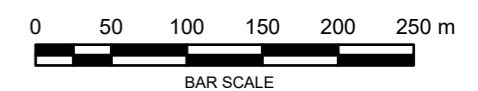
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0712	Sheet Number: 2 of 13	Status: A	Rev: M01





Legend :
 Bray to City Centre Core Bus Corridor Scheme
Species Name
● *Reynoutria japonica*

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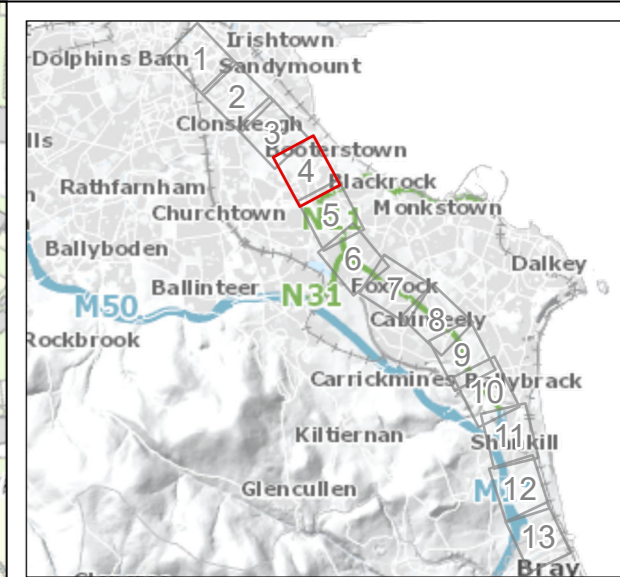
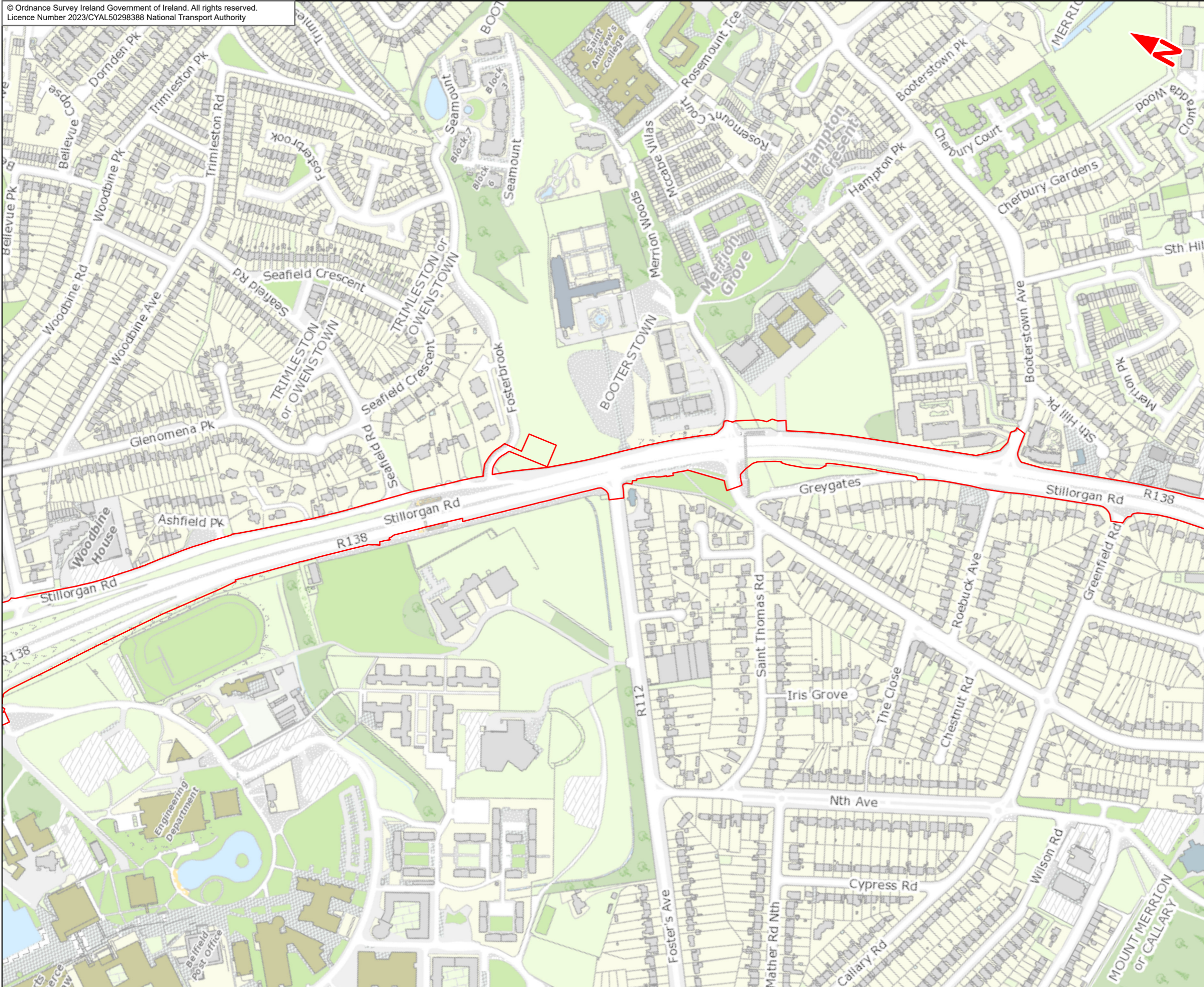
Consultant
JACOBS
ARUP SYSTRA

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 Bray to City Centre Core Bus Corridor Scheme
 Figure 12.6
 Non-Native Invasive Plant Species Survey Results

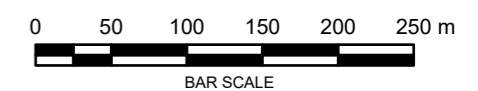
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Project Code	BCIDE	Originator Code	JAC	QMS Code					

Drawing File Name	BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0711	Sheet Number	3 of 13	Status	A	Rev	M01
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Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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

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

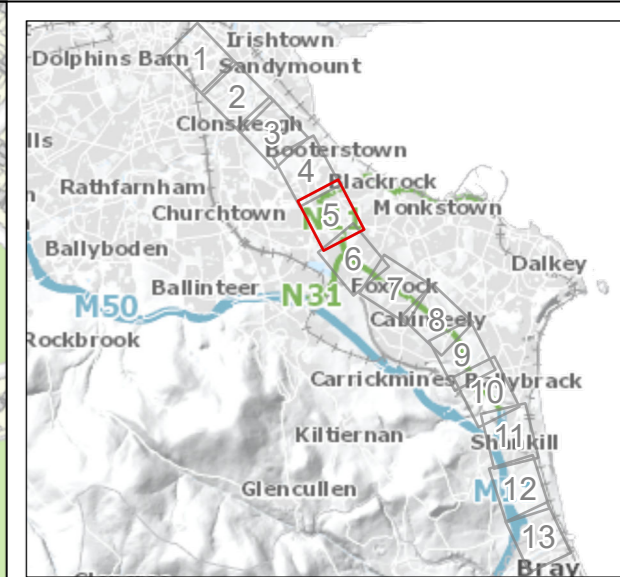
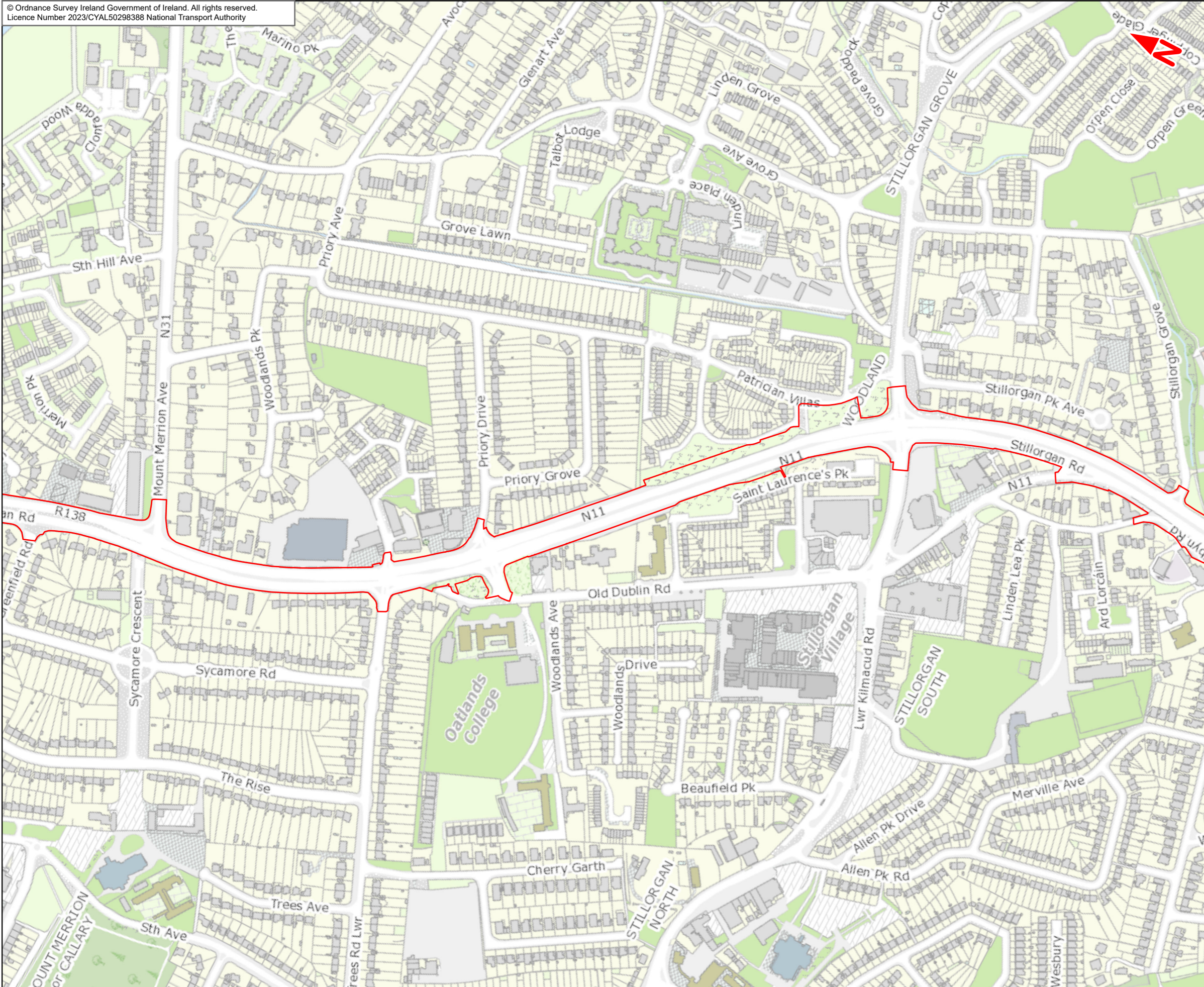
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Date: 11/05/2023
Scale @ A3: 1:5 000

Project Code: BCIDE
Originator Code: JAC

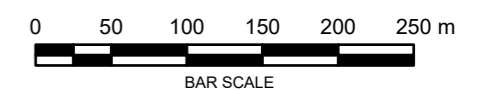
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Checked: PW
Approved: DK

Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results		
Drawing File Name	BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0710	Sheet Number	4 of 13
Status	A	Rev	M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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Date: 11/05/2023
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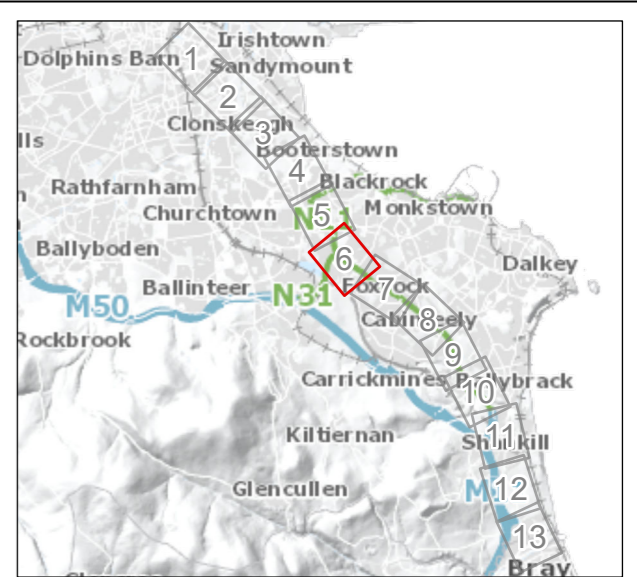
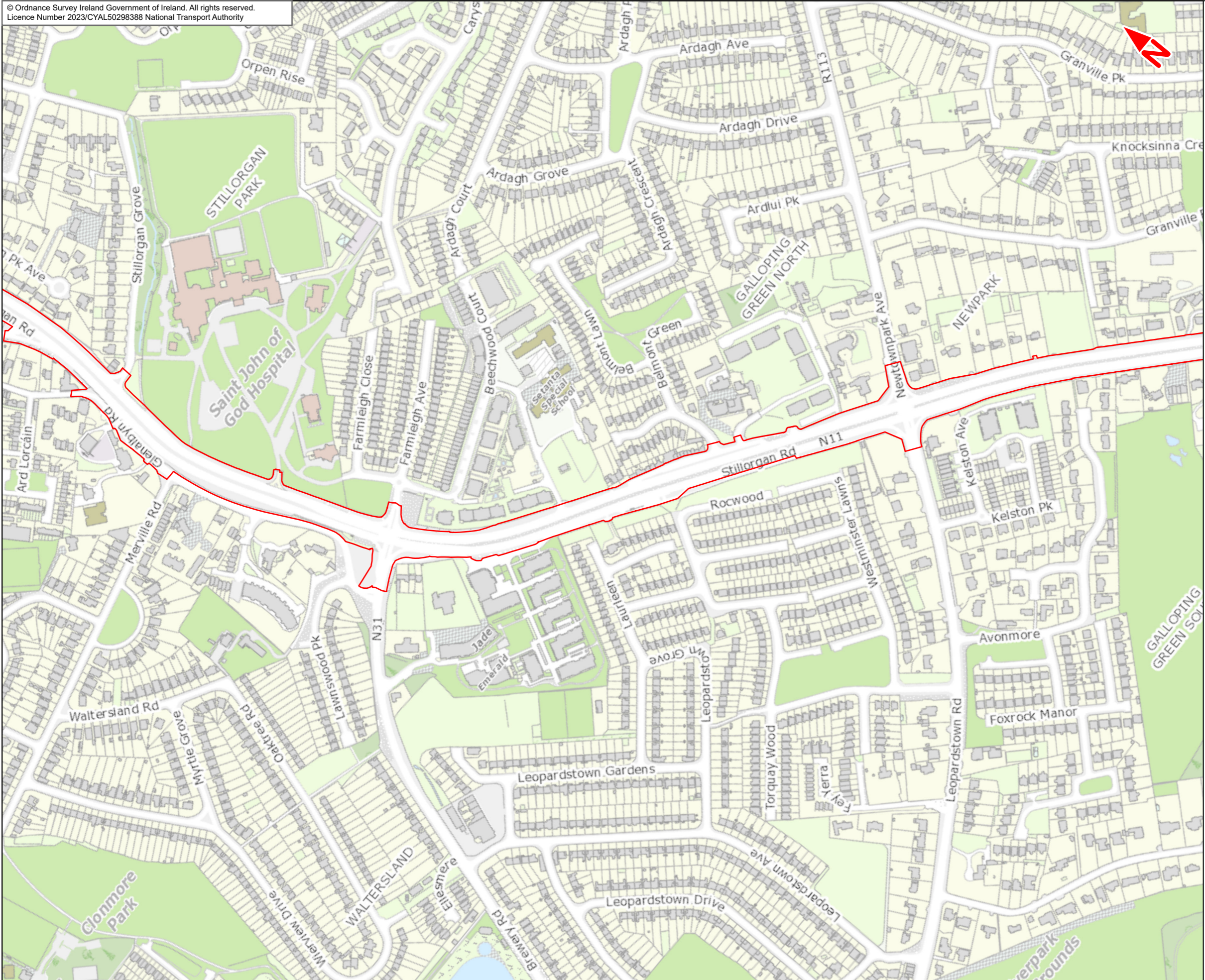
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 Originator Code: JAC

Consultant
JACOBS
ARUP SYSTRA

Drawn: EK
 Checked: PW
 Approved: DK

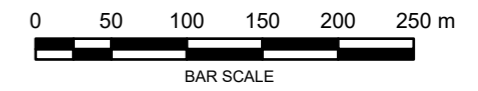
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Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results			
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0709	Sheet Number 5 of 13	Status A	Rev M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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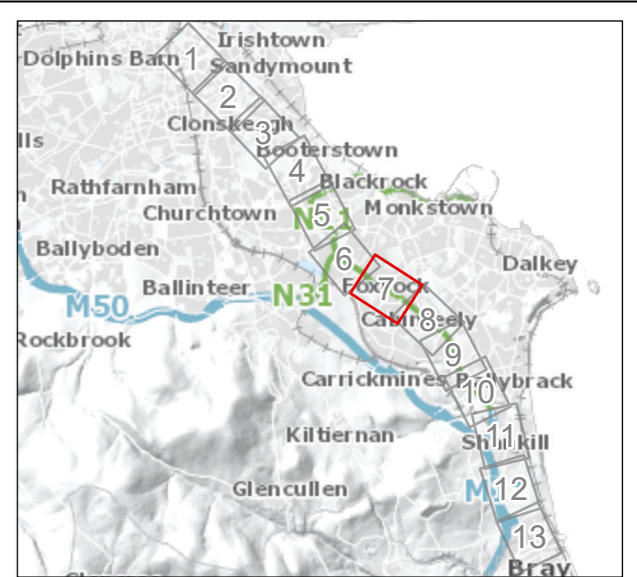
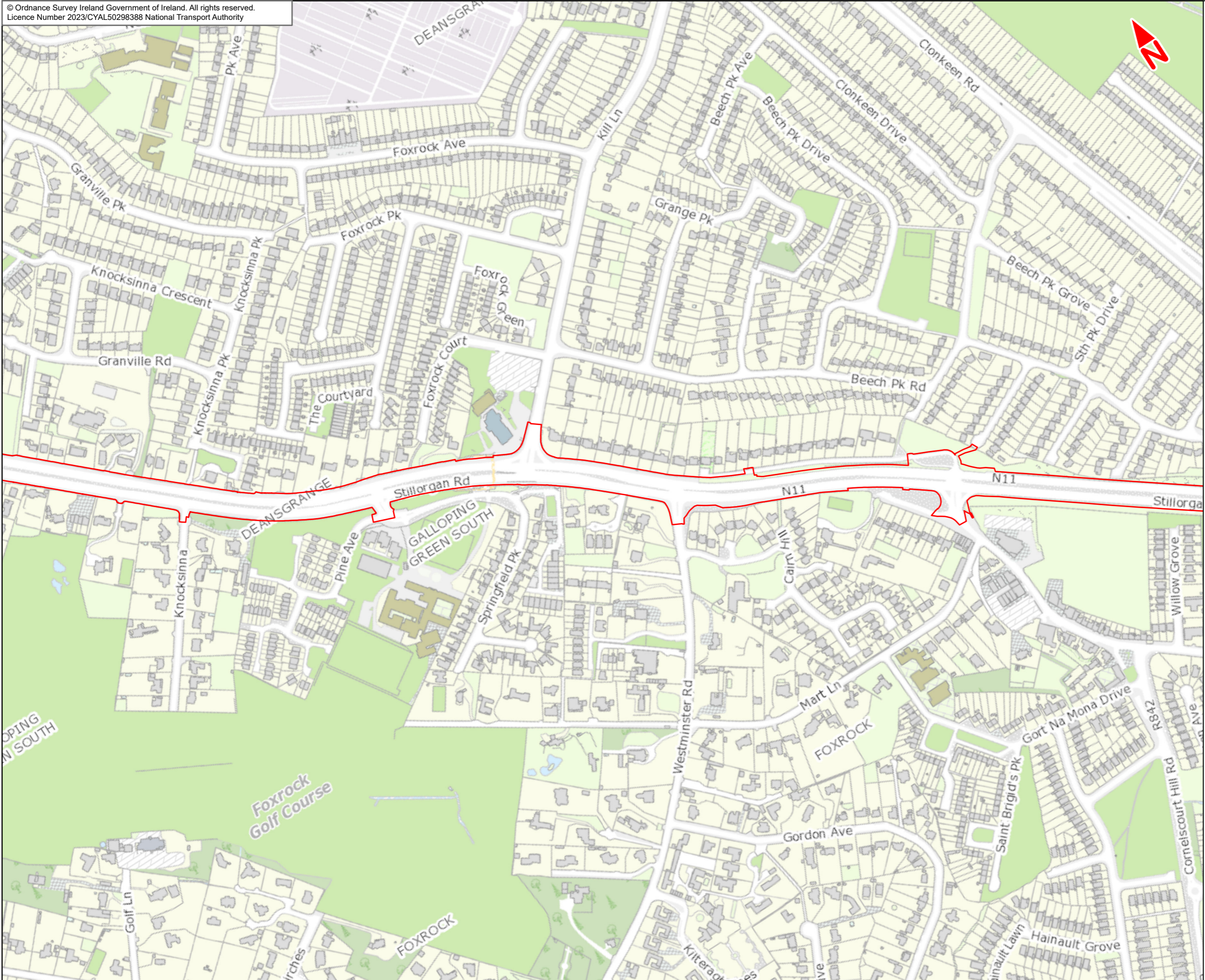
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

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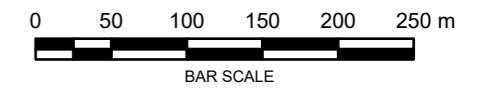
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0708	Sheet Number 6 of 13	Status A	Rev M01	

Date 11/05/2023	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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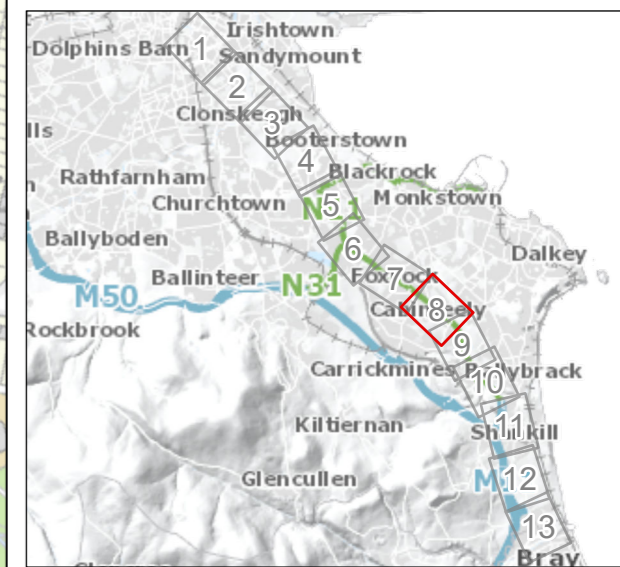
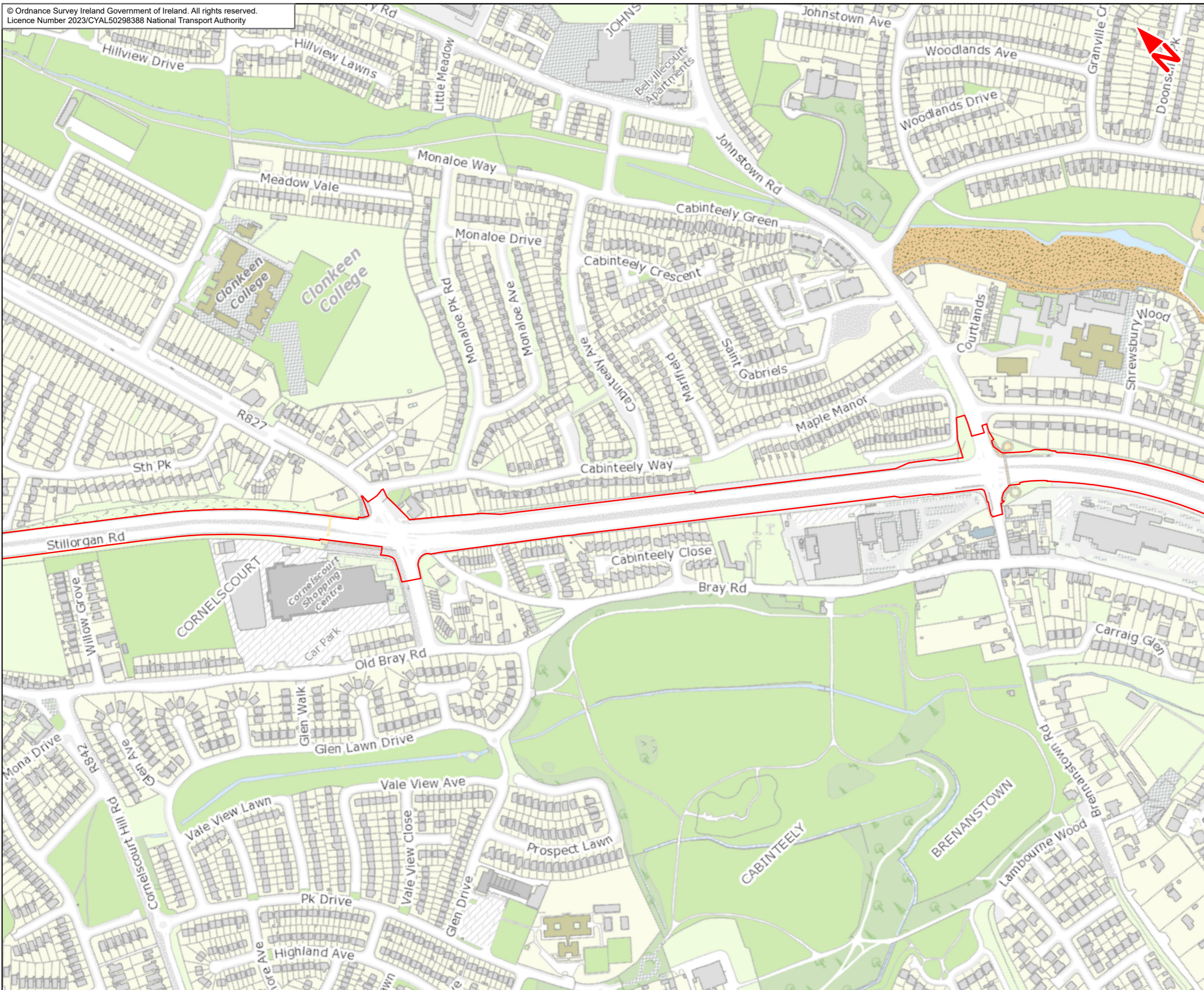


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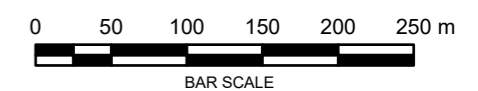
Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Date 11/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0707
Sheet Number 7 of 13		Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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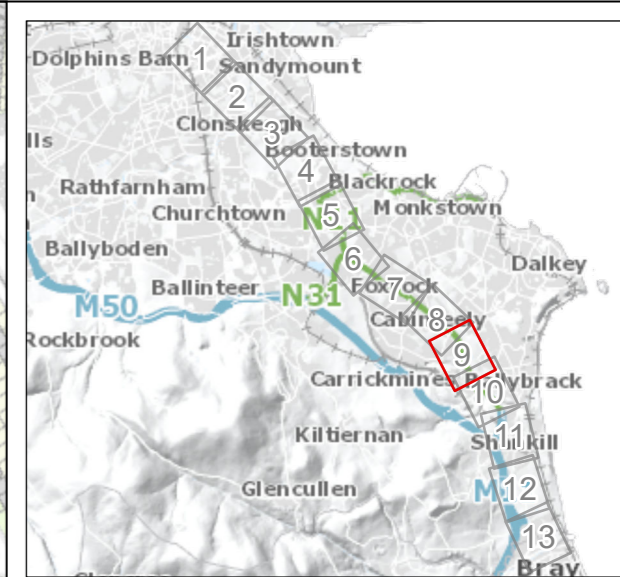
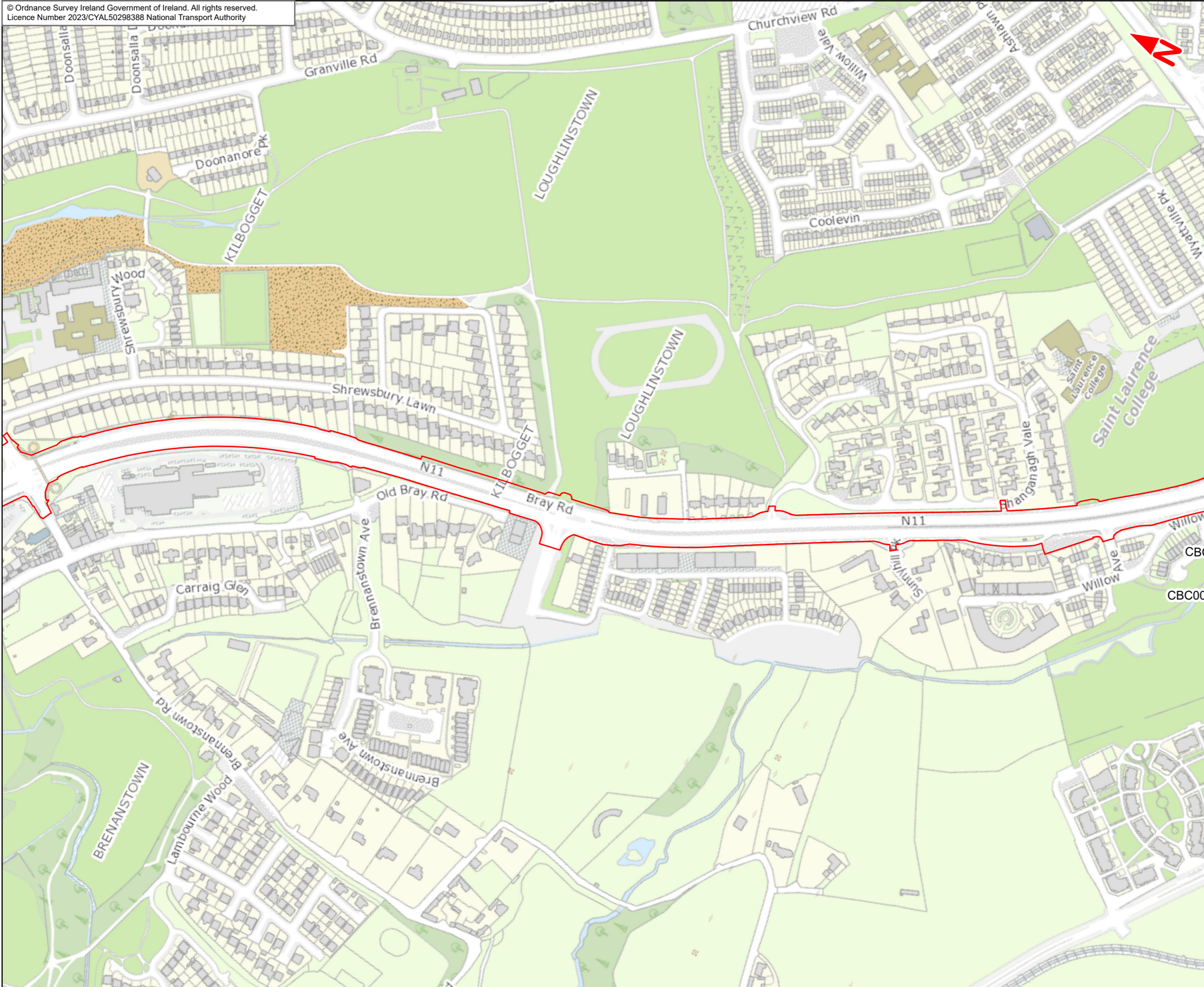
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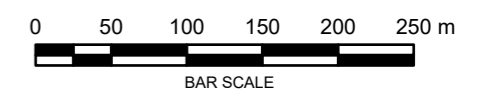
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11/05/2023	1:5 000	EK	PW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0706	8 of 13	A	M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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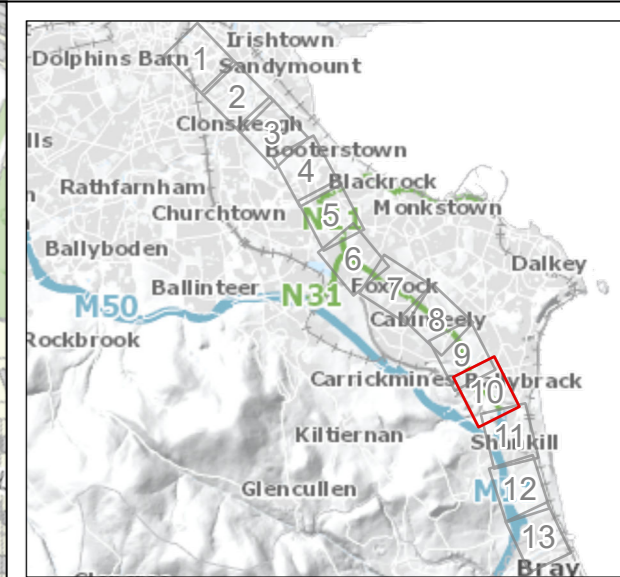
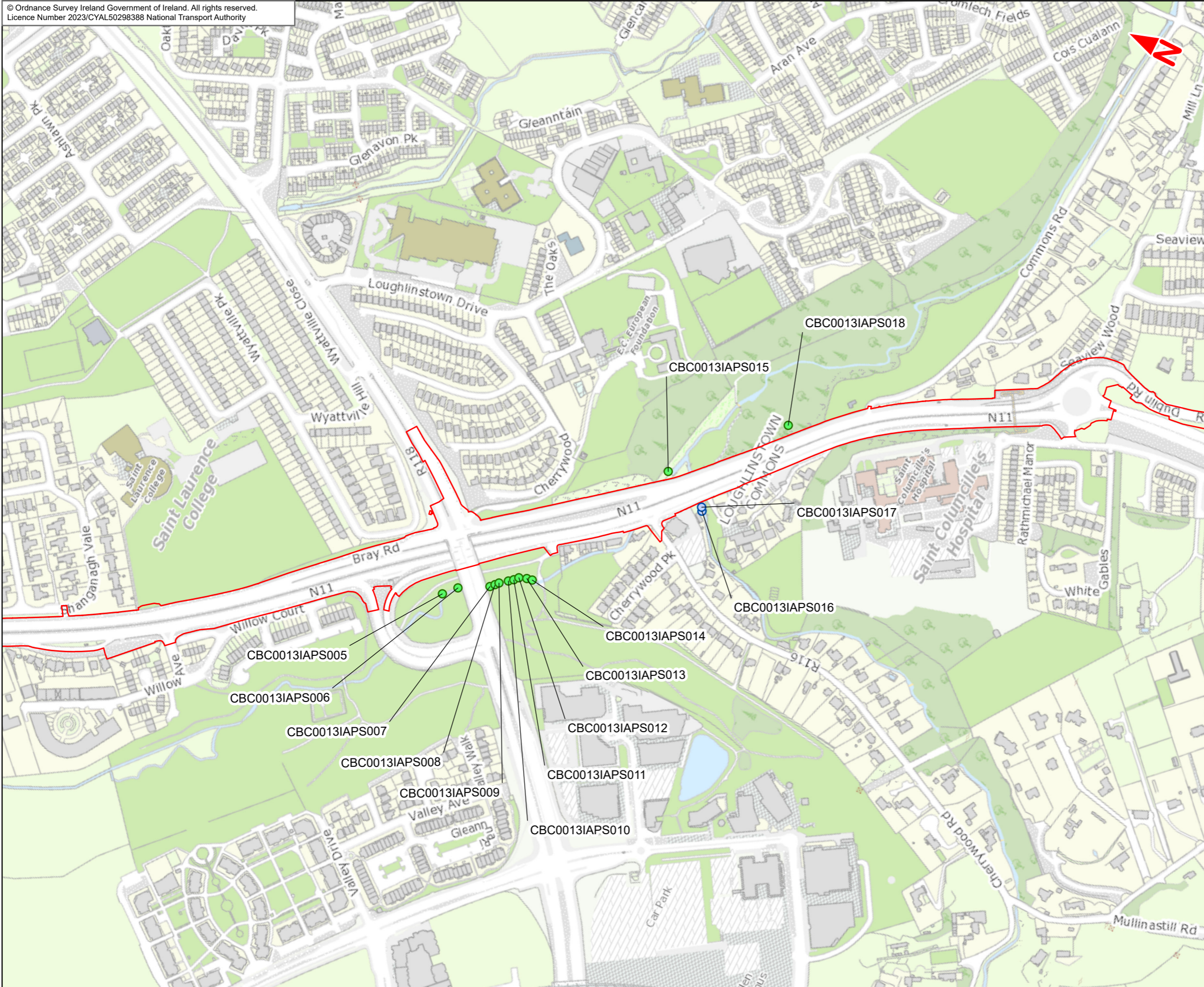
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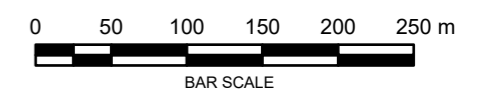
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Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0705	9 of 13	A	M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Species Name**
 - *Heracleum mantegazzianum*
 - *Reynoutria japonica*

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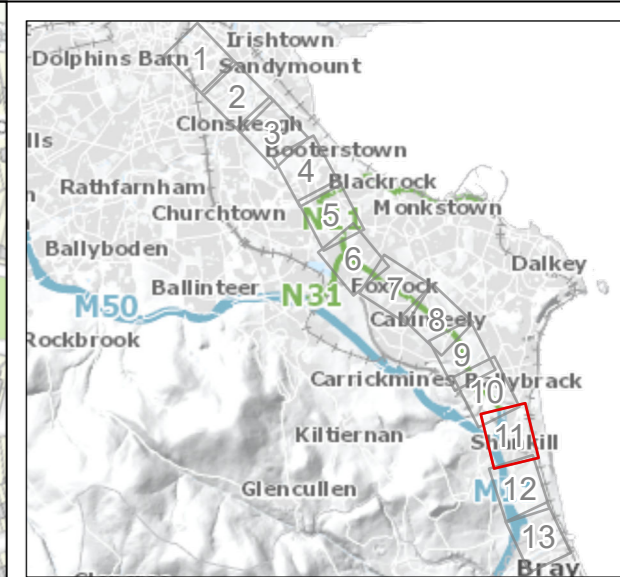
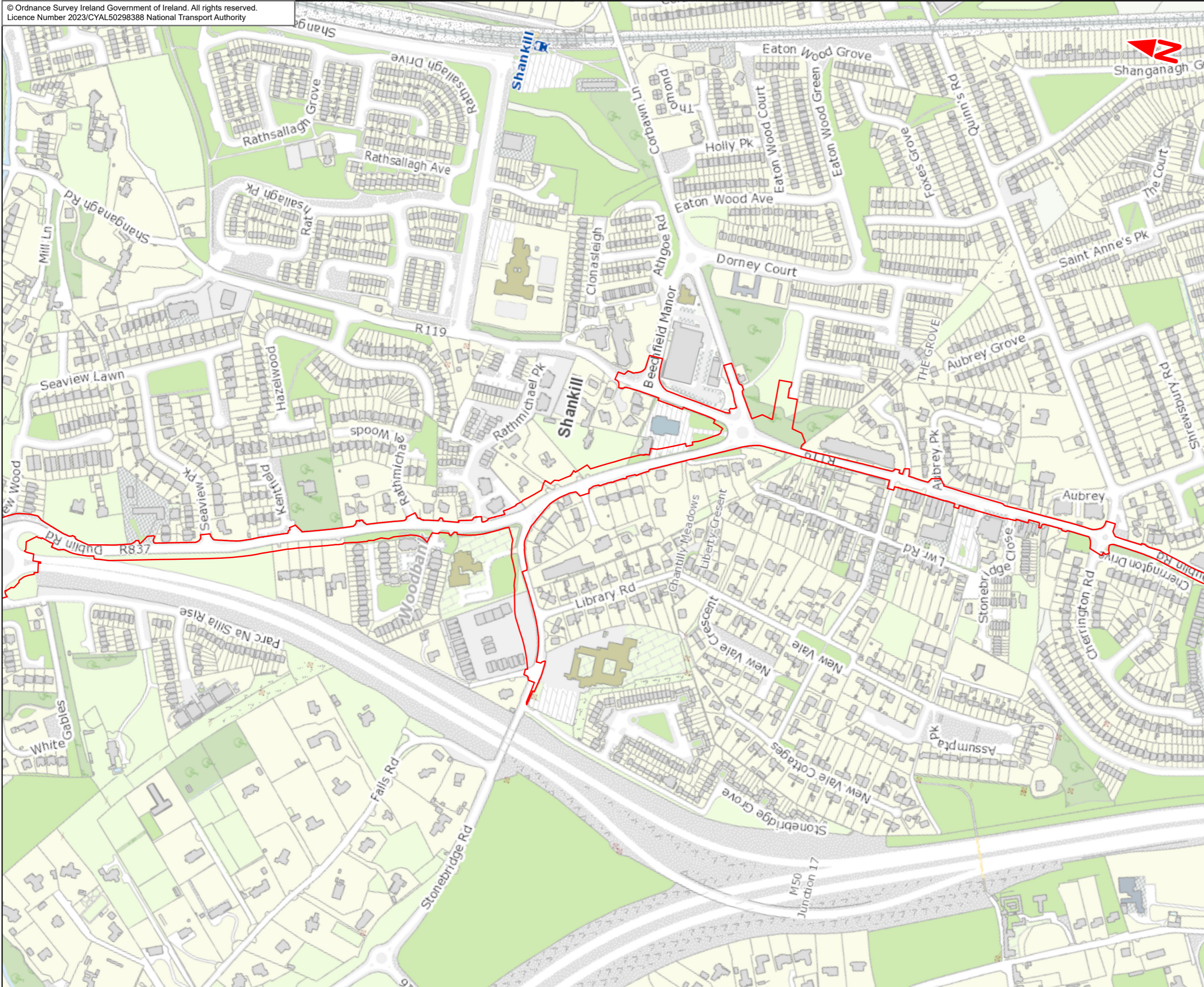
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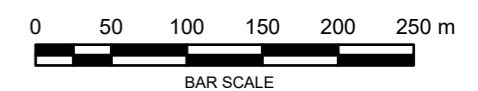
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0704	Sheet Number: 10 of 13	Status: A	Rev: M01



Legend :
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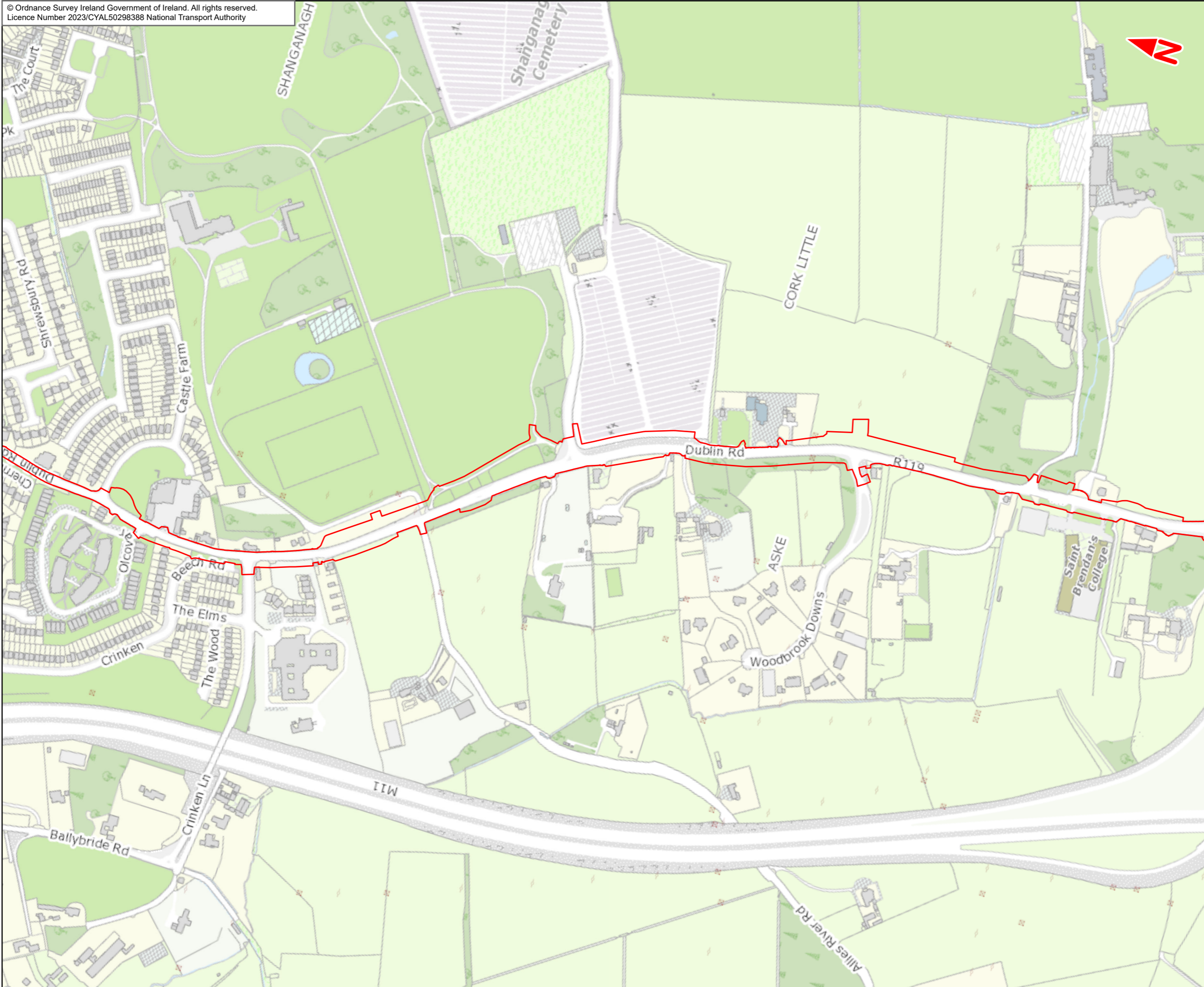
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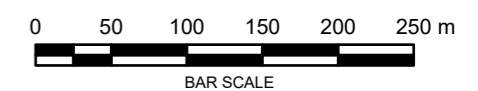
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Date 11/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0703	Sheet Number 11 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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

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

Consultant: **JACOBS ARUP SYSTRA**

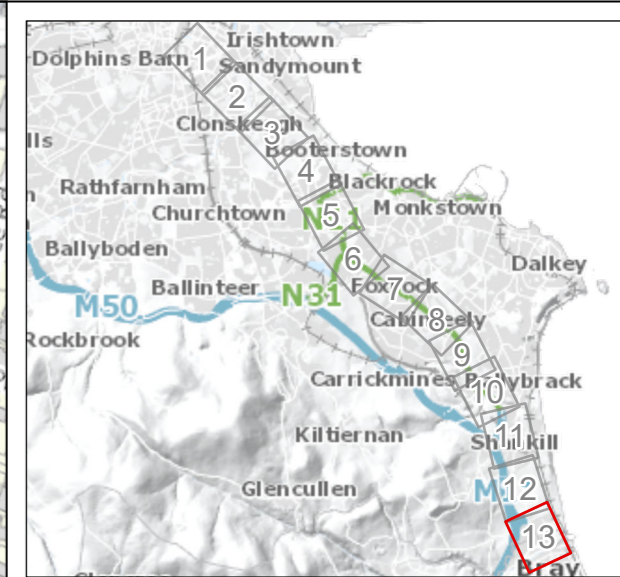
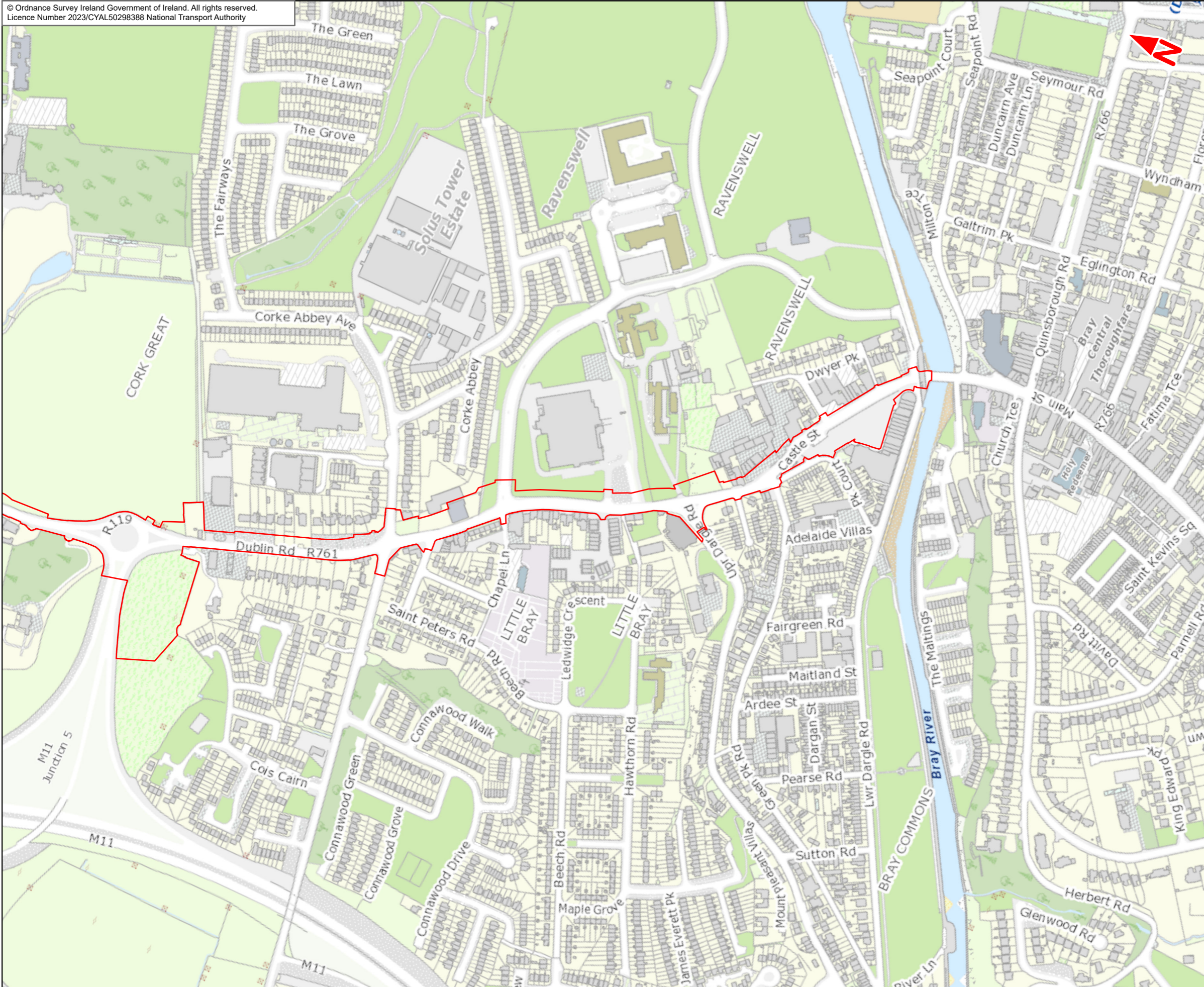
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Scale @ A3: 1:5 000

Project Code: BCIDE
Originator Code: JAC

Drawn: EK
Checked: PW
Approved: DK

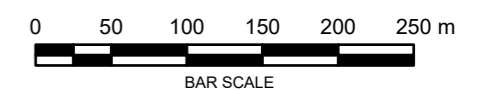
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0702	Sheet Number: 12 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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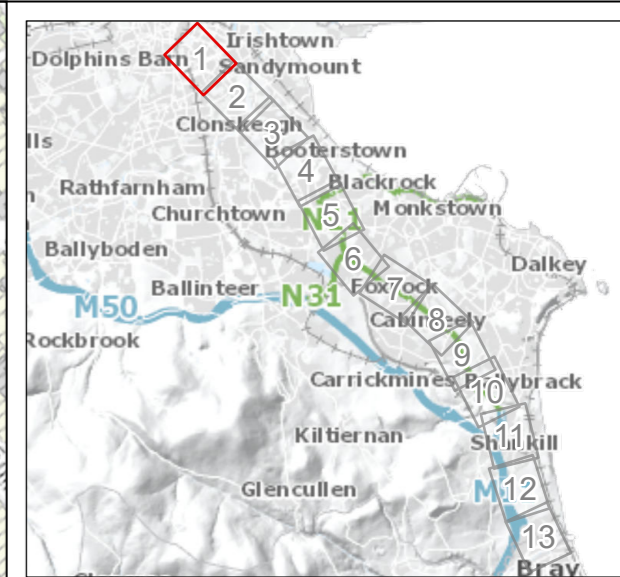
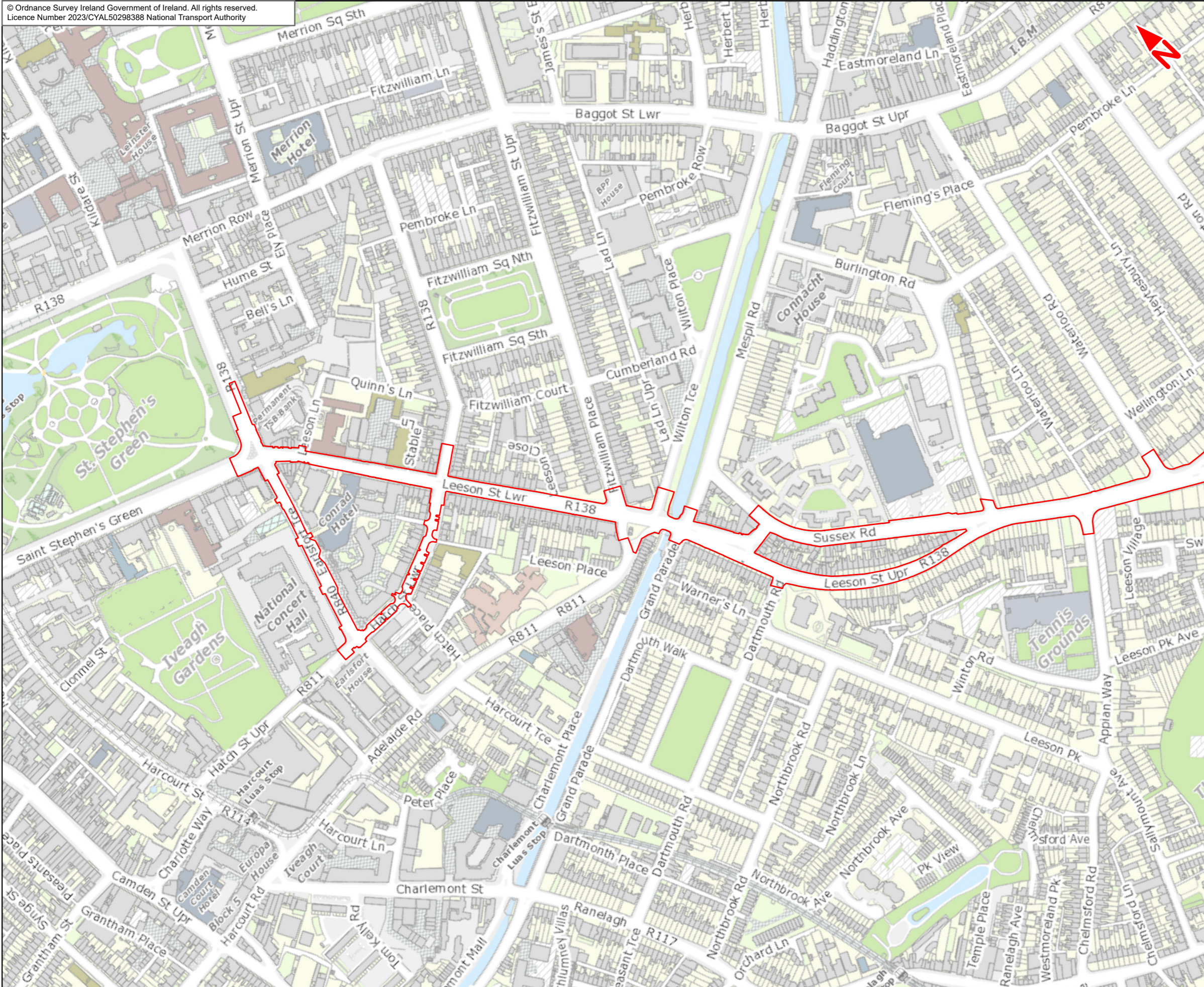
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 11/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.6 Non-Native Invasive Plant Species Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0701	Sheet Number 13 of 13	Status A	Rev M01	

12.7.1

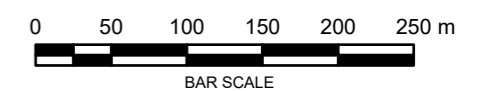
Bat Survey Results: Bat Activity Survey Results





Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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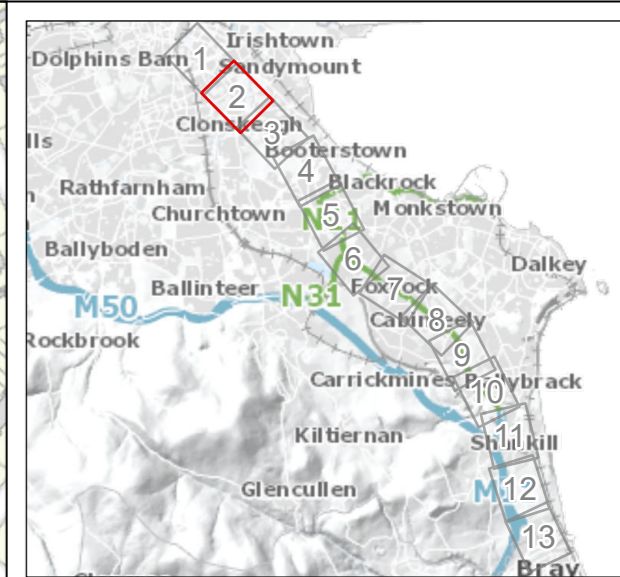
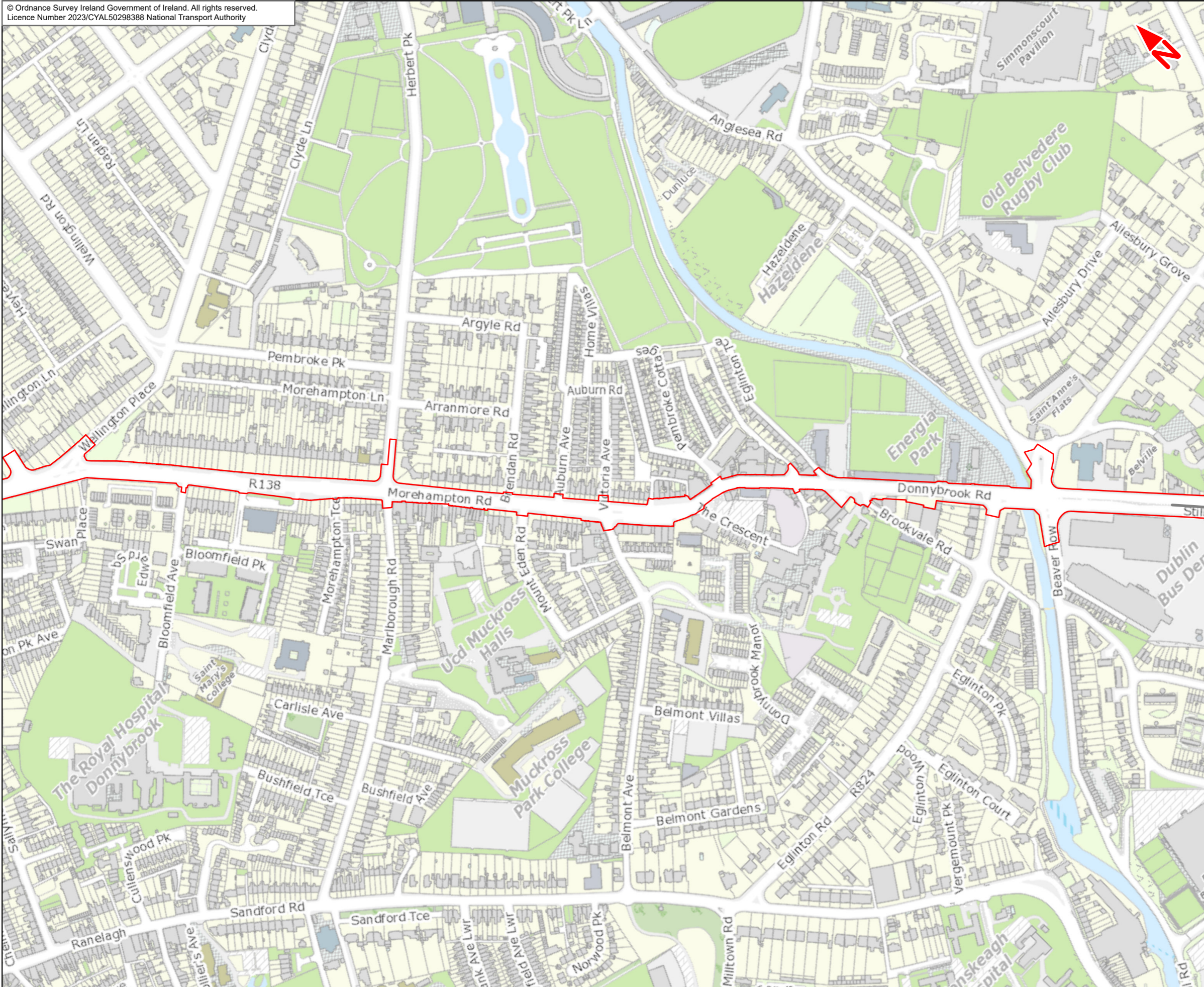
Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

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

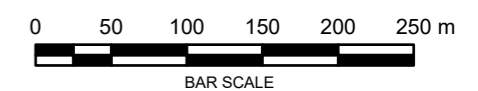
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0413	Sheet Number: 1 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre Core Bus Corridor Scheme
 Bat Survey Transects

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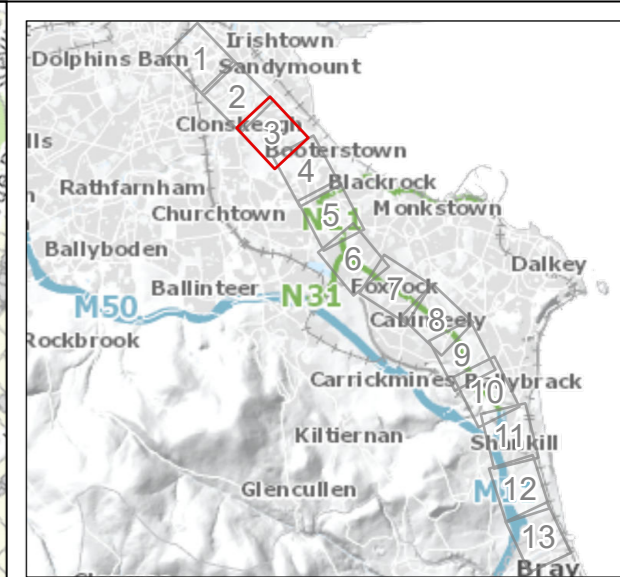
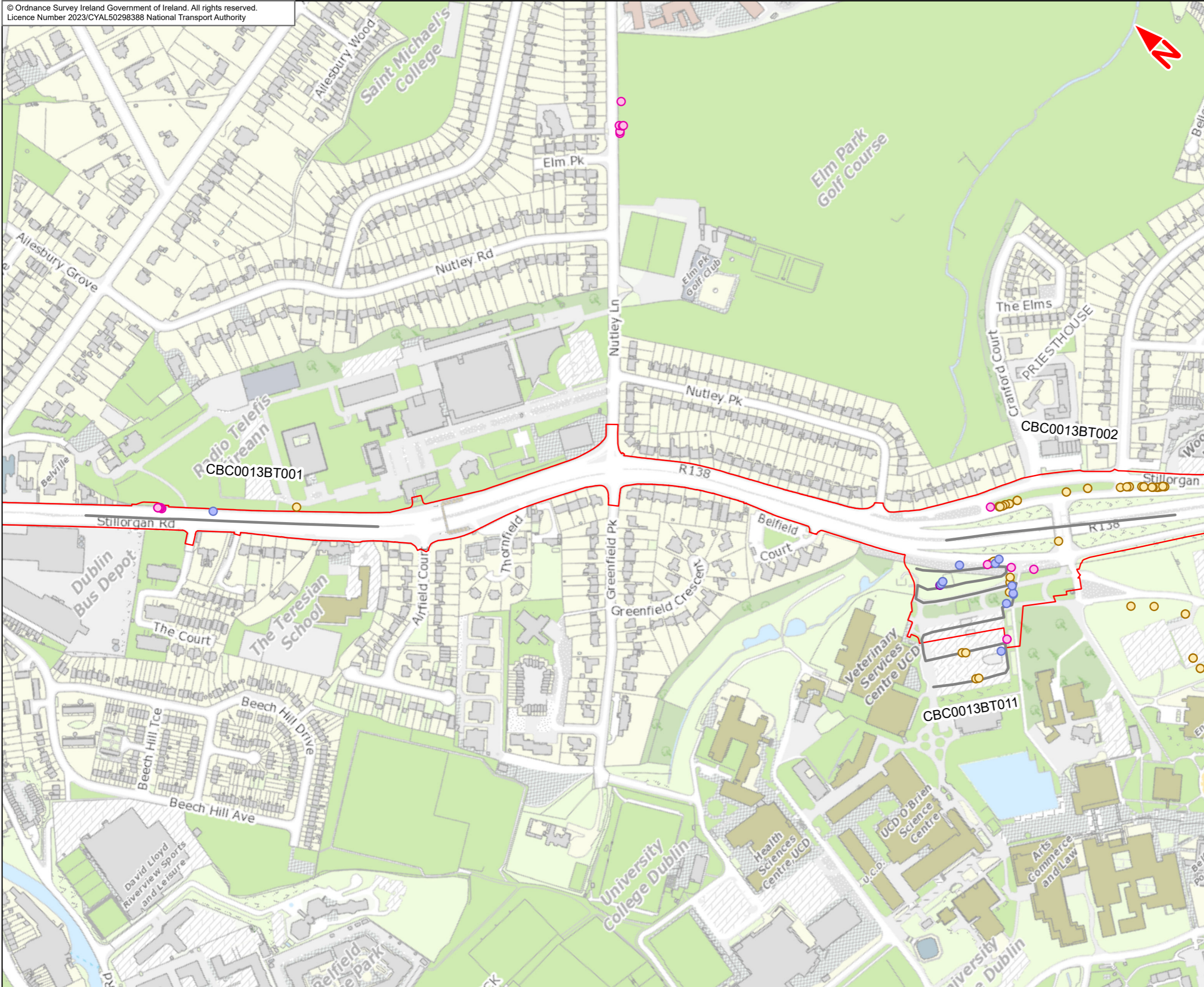
Consultant: **JACOBS ARUP SYSTRA**

Date: 5/4/2023
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Project Code: BCIDE
Originator Code: JAC

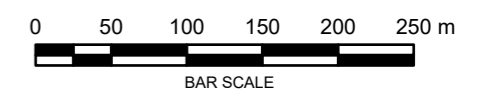
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Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results		
Drawing File Name	BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0412	Sheet Number	2 of 13
Status	A	Rev	M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Myotis* sp.
 - *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus pygmaeus*

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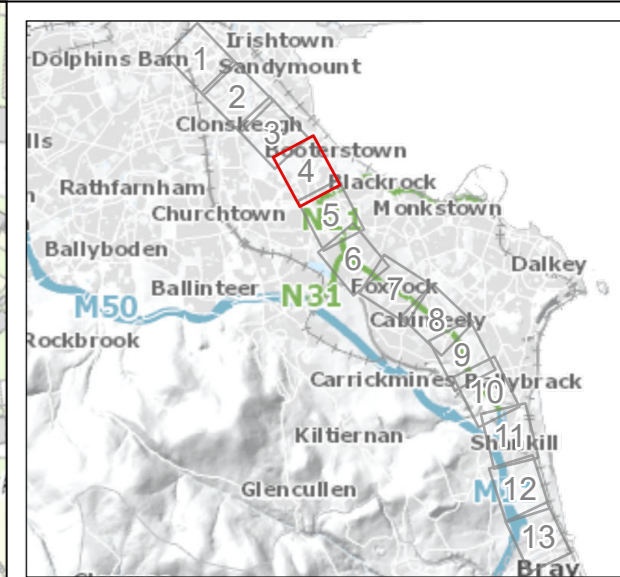
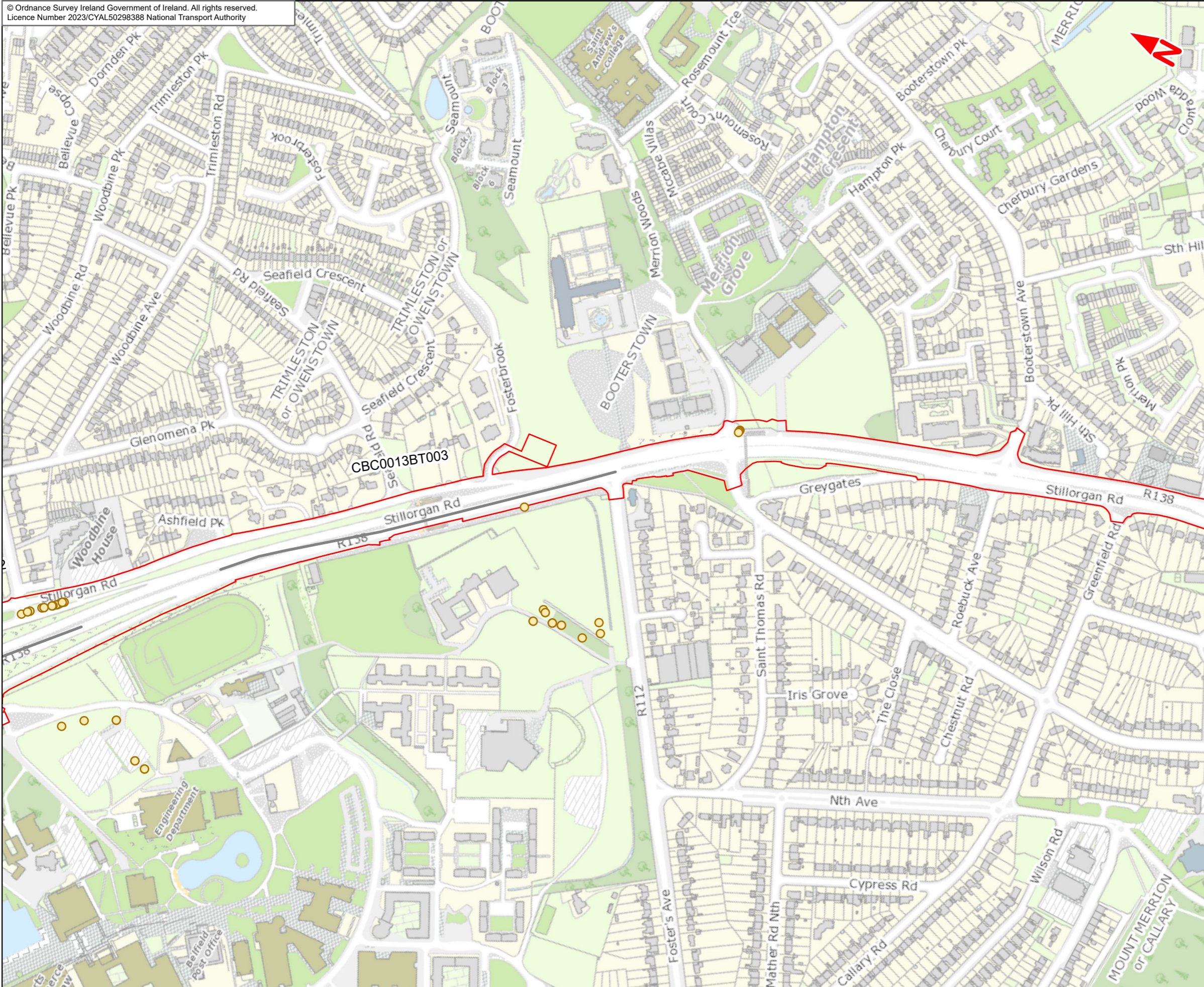
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Consultant

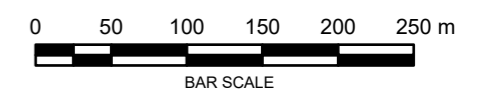
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Programme Title				BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title				Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name	BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0411	Sheet Number	3 of 13	Status	A	Rev	M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
 - Bat Species**
 - *Nyctalus leisleri*

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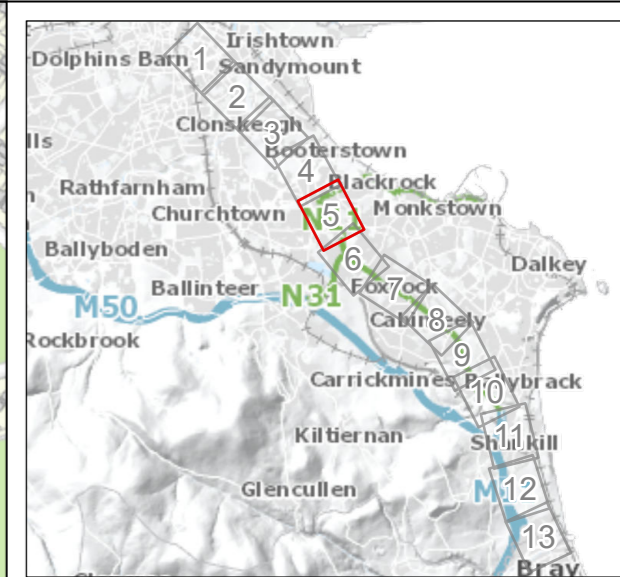
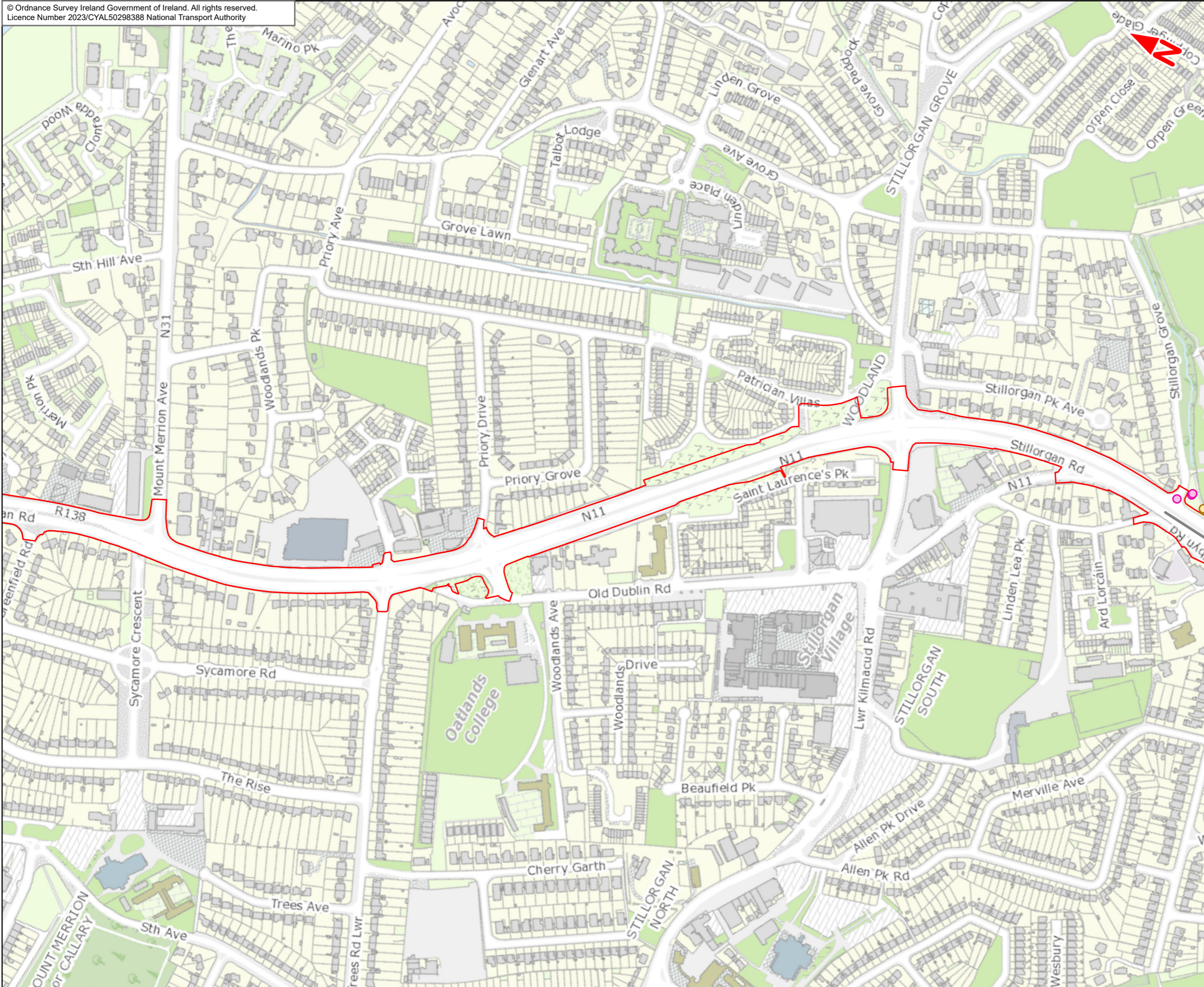
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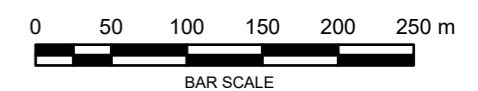
NTA Udarás Náisiúnta Iompair National Transport Authority		Jacobs ARUP SYSTRA		
Date	Scale @ A3	Drawn	Checked	Approved
5/4/2023	1:5 000	EK	PW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0410	4 of 13	A	M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*

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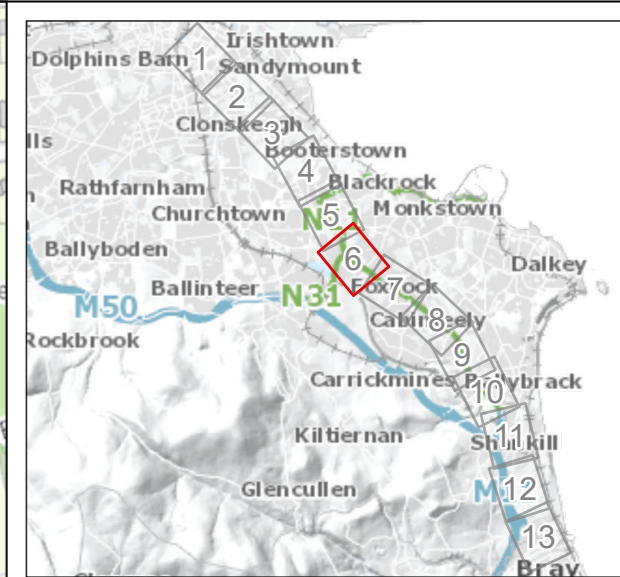
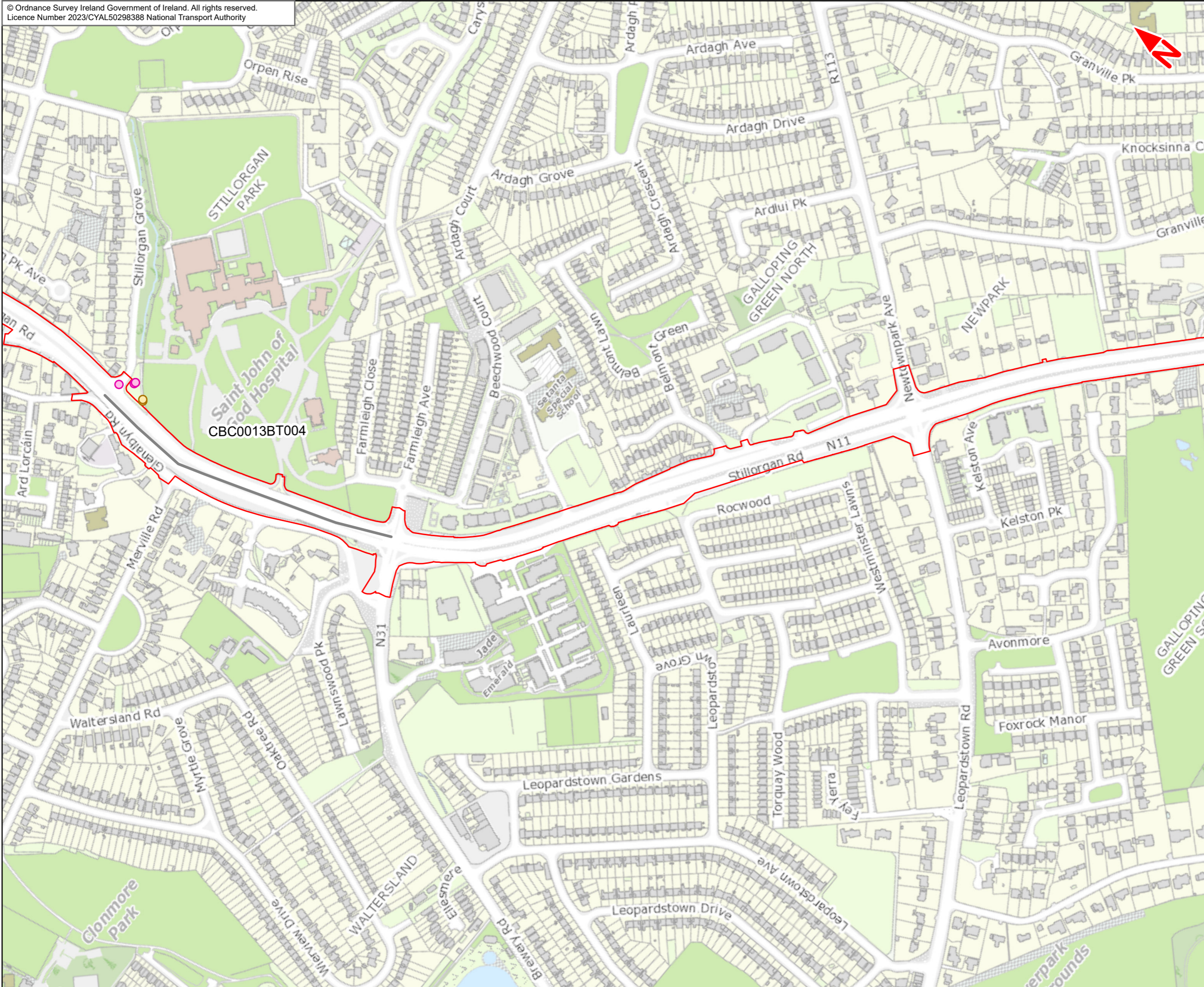
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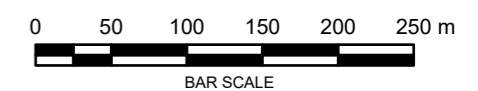
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0409	Sheet Number: 5 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*

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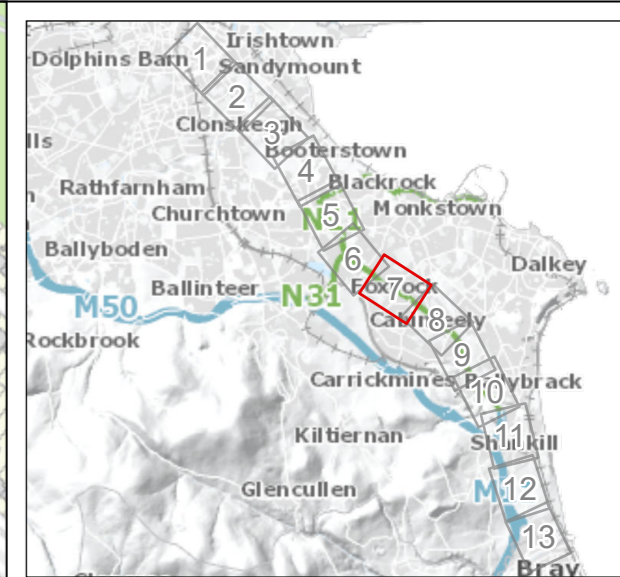
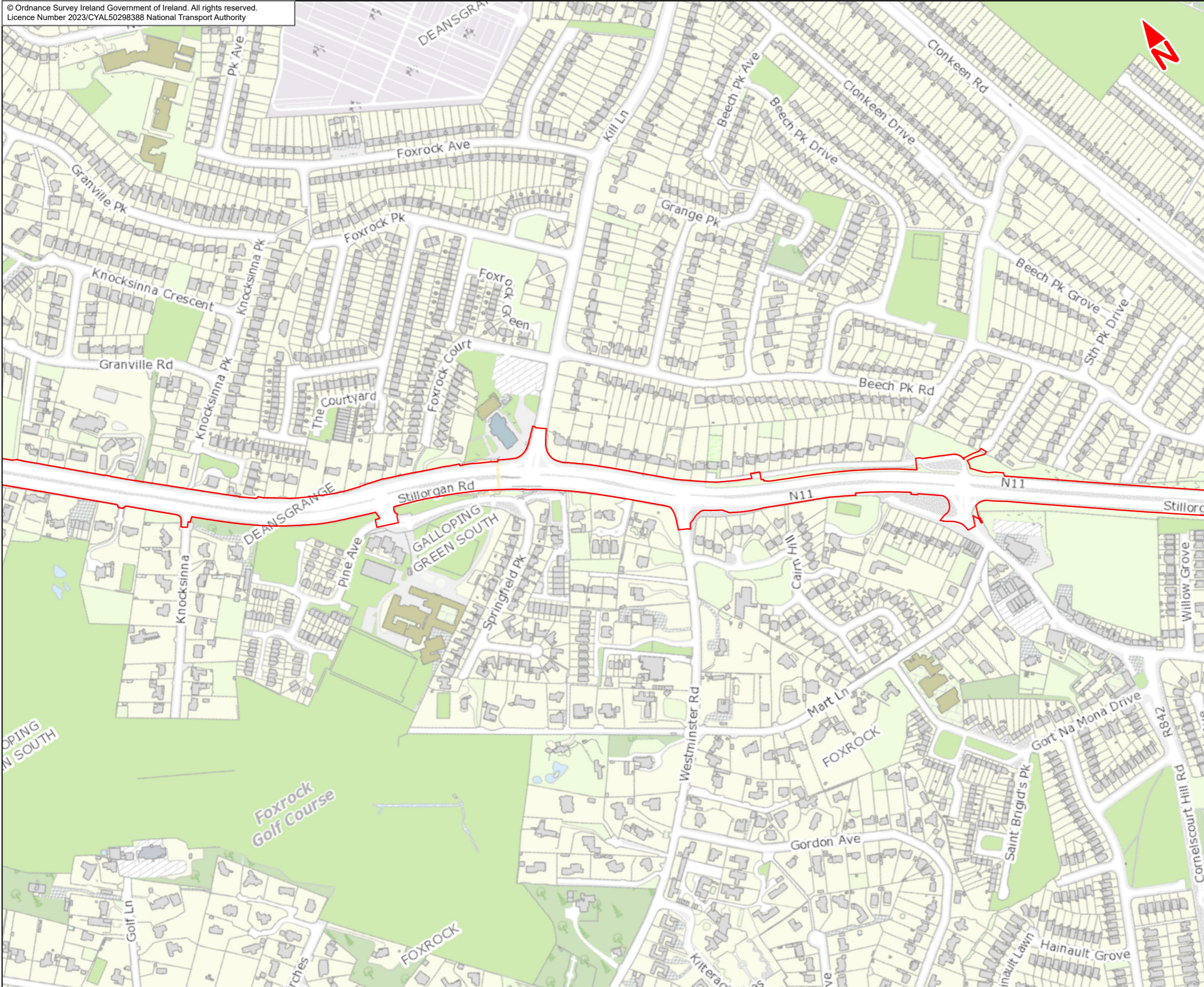


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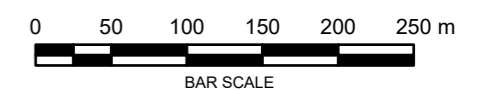
Consultant
JACOBS ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results				
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code	Sheet Number 6 of 13	Rev M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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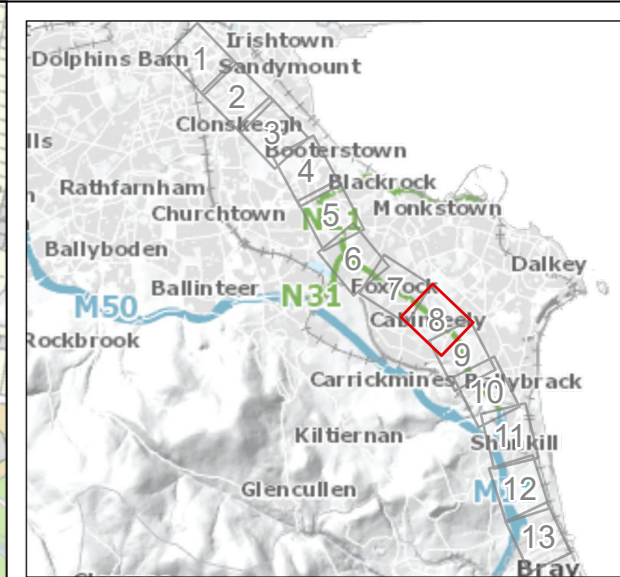
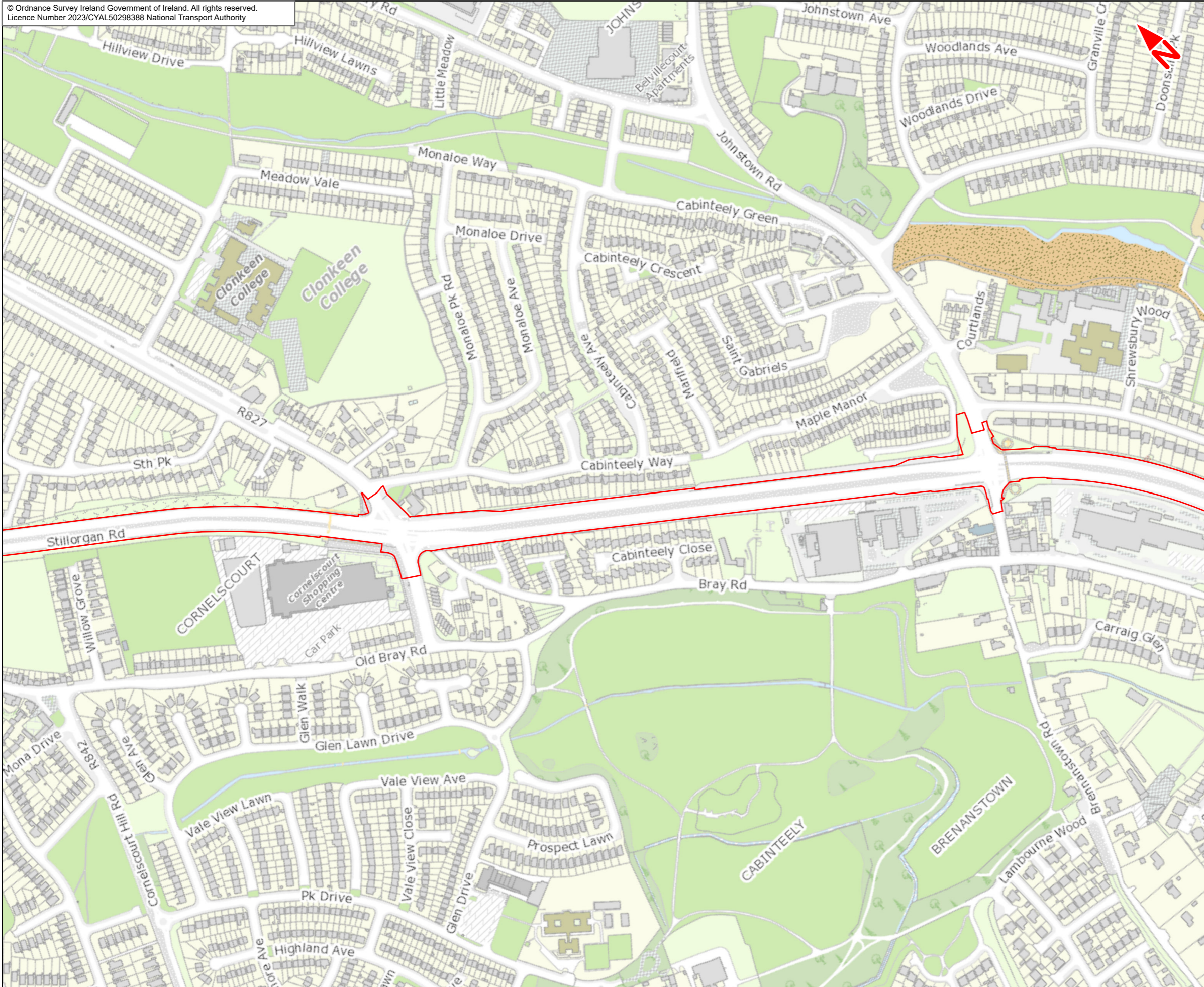
Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

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

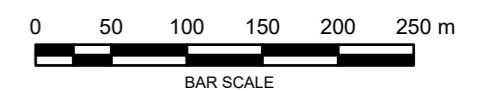
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 QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0407	Sheet Number: 7 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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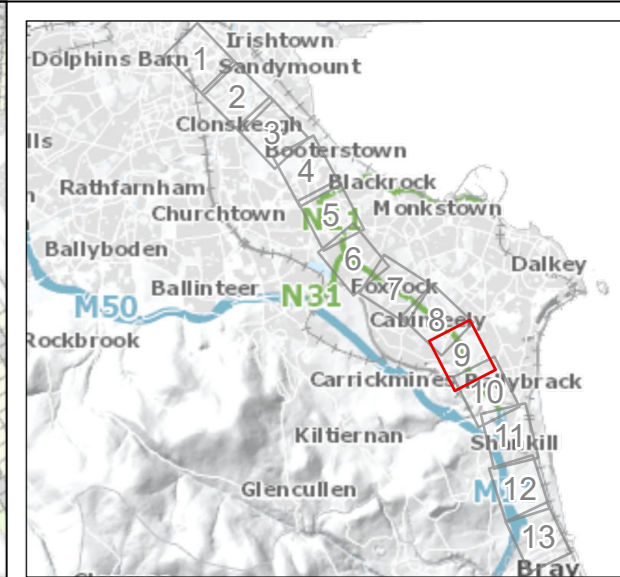
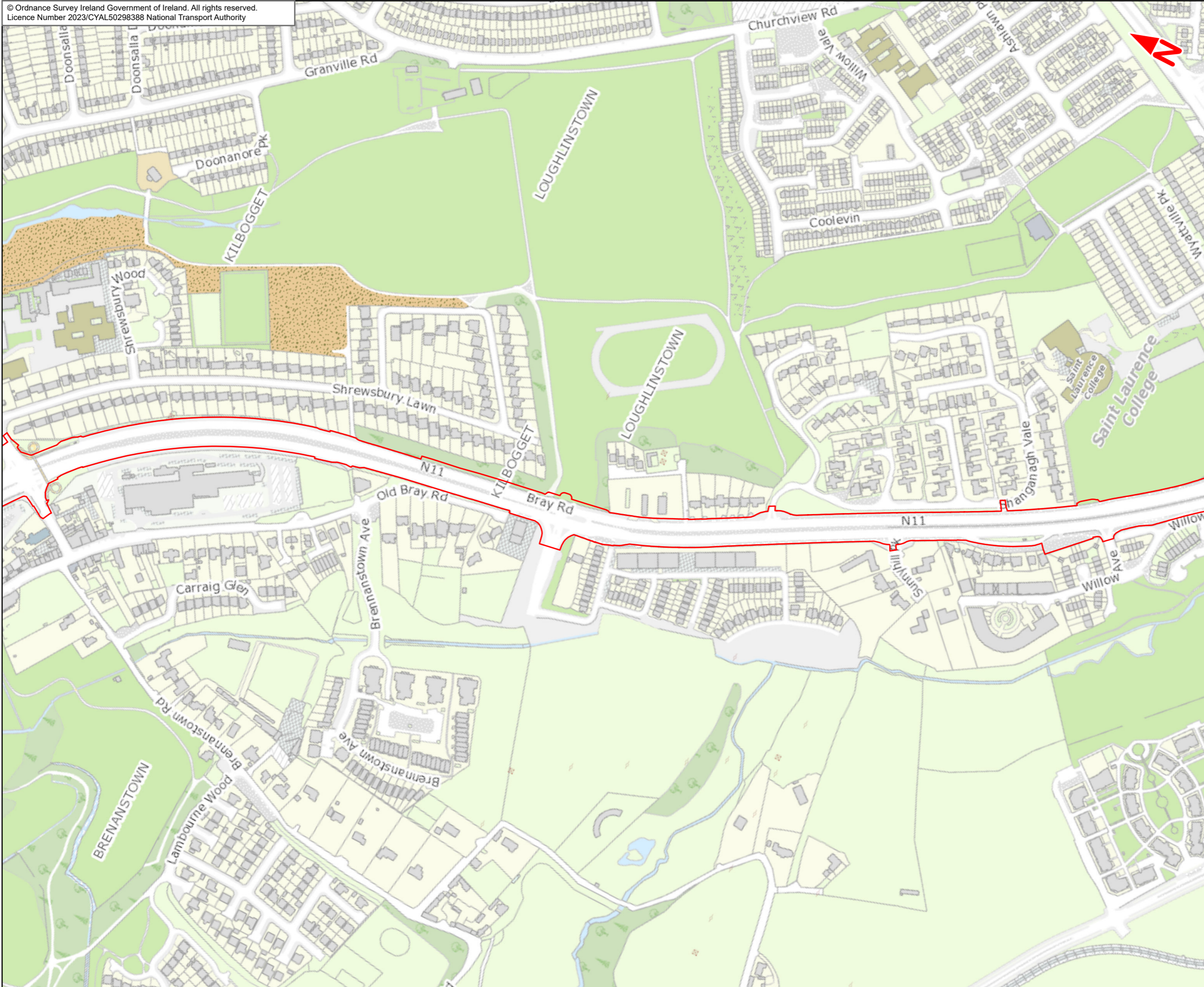
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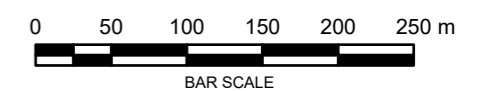
NTA Udarás Náisiúnta Iompair National Transport Authority		Jacobs ARUP SYSTRA							
Date	5/4/2023	Scale @ A3	1:5 000	Drawn	EK	Checked	PW	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name	BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0406	Sheet Number	8 of 13
Status	A	Rev	M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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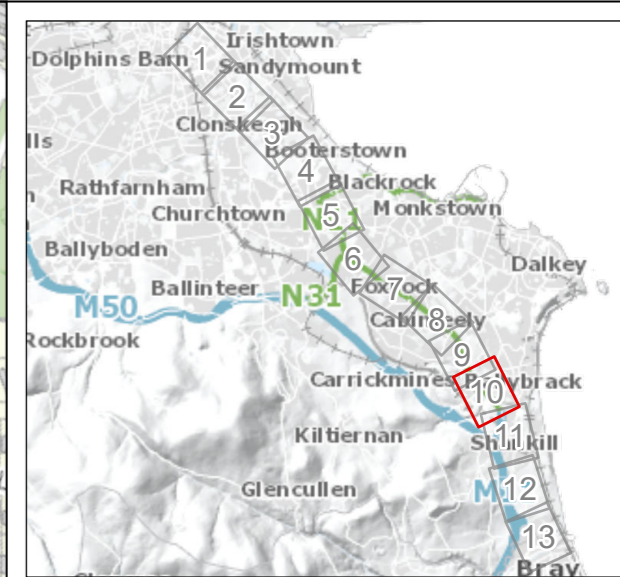
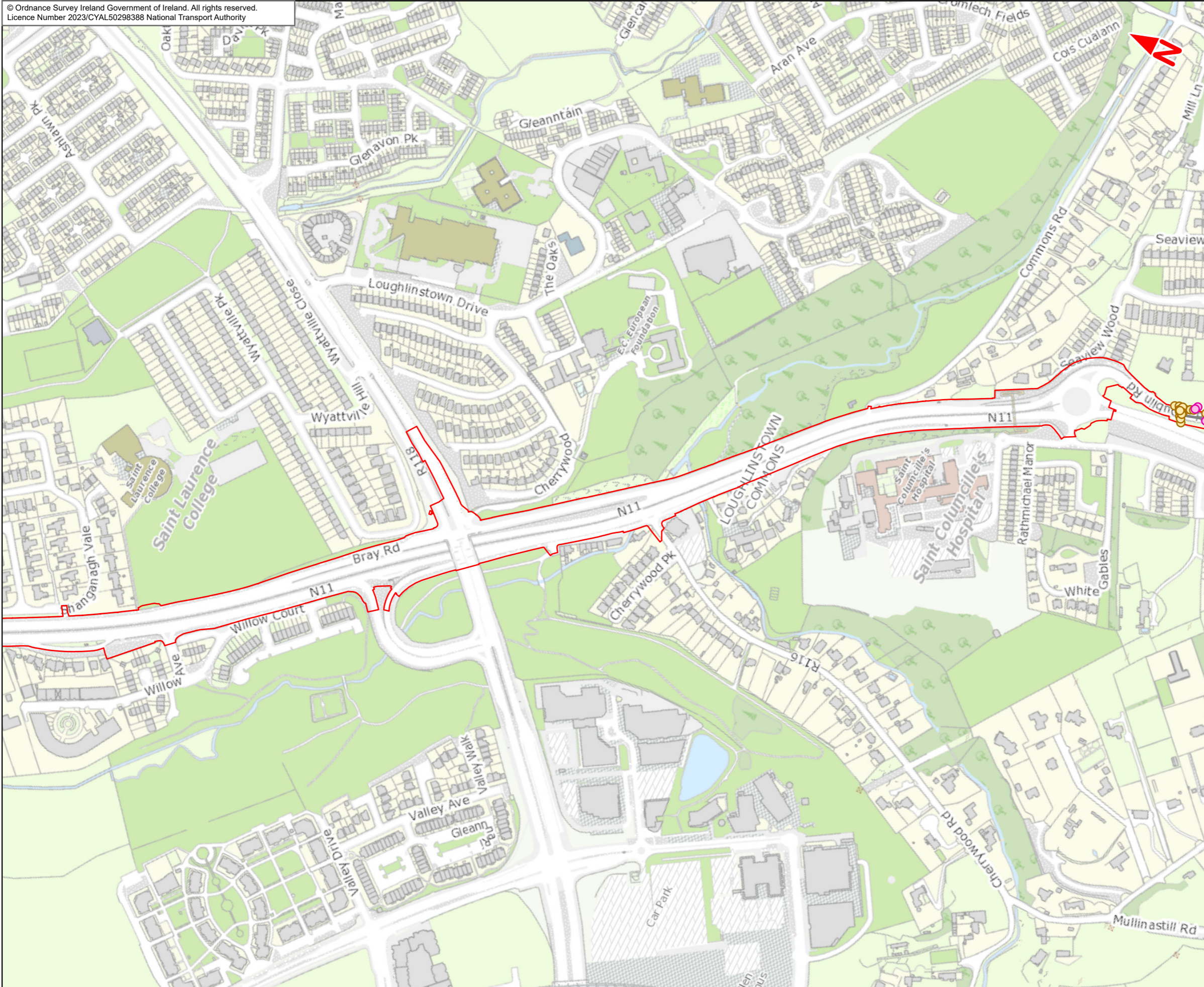
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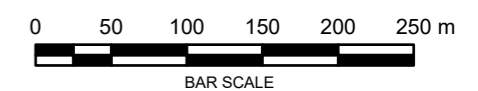
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0405	Sheet Number 9 of 13	Status A	Rev M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

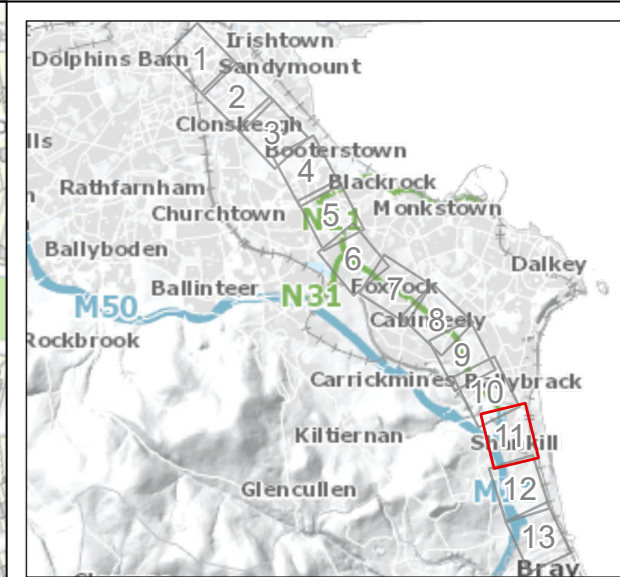
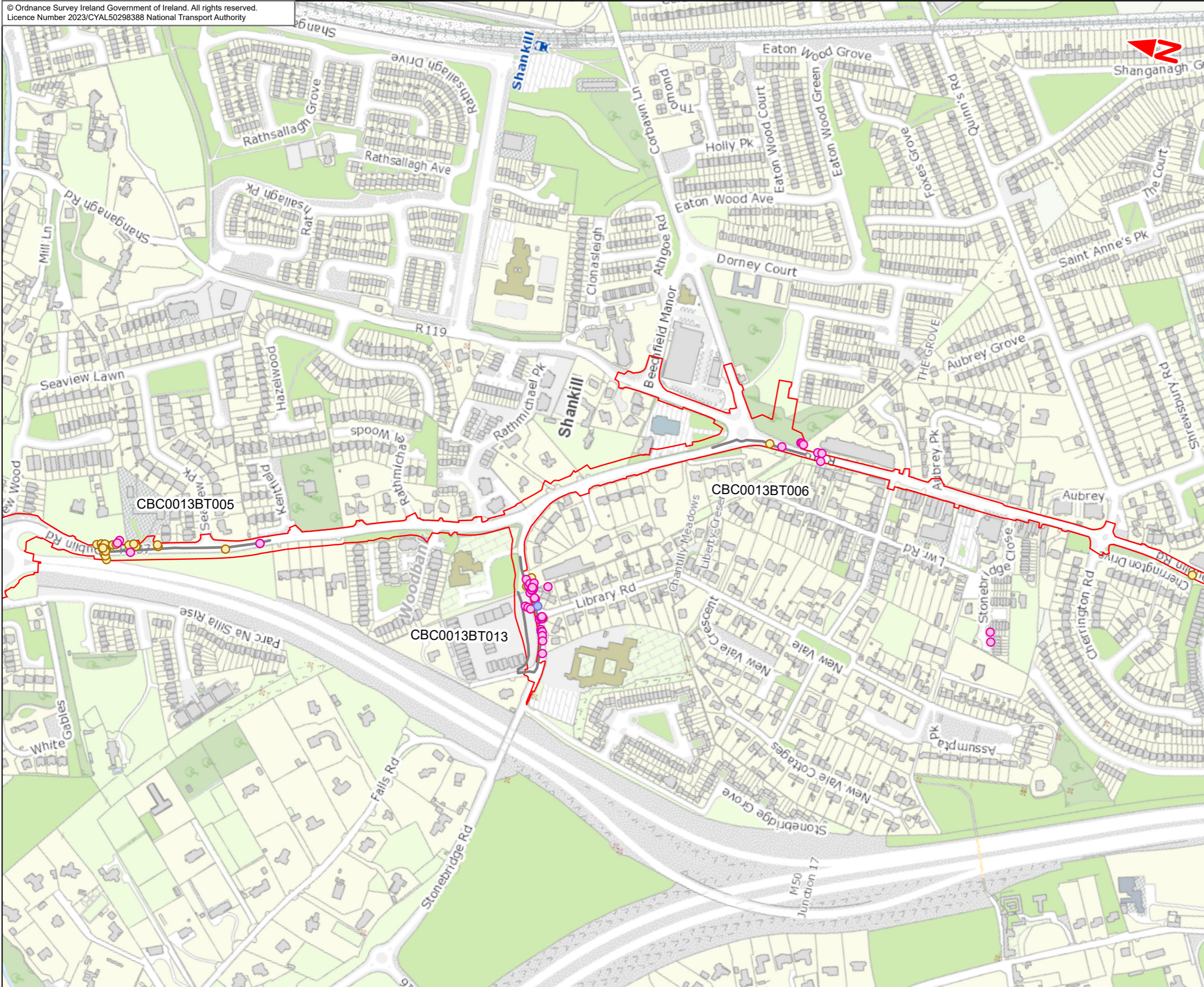
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Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

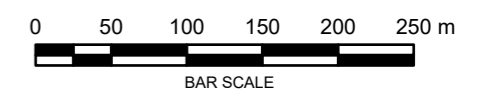
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0404	Sheet Number: 10 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus pygmaeus*

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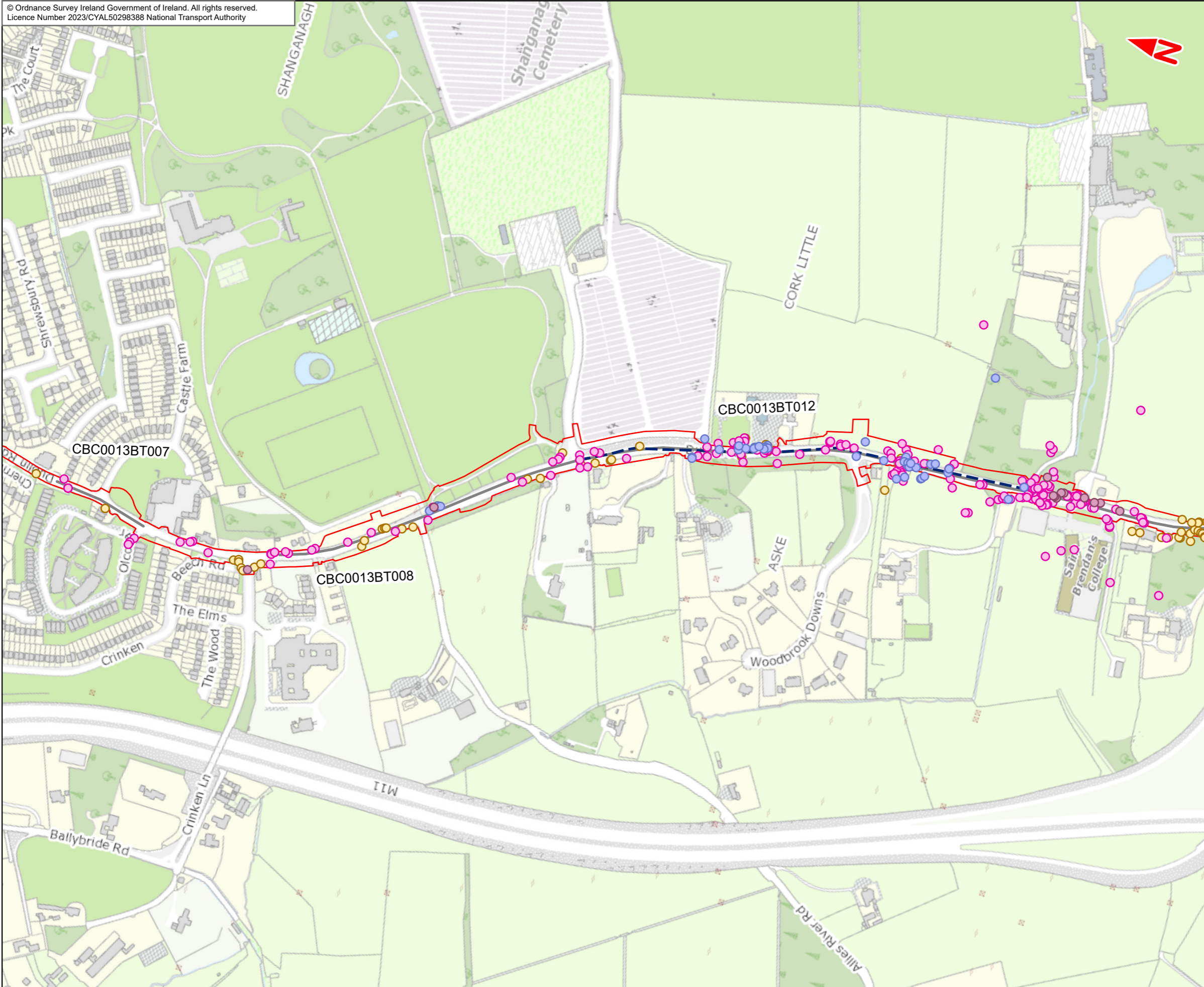
Consultant: **JACOBS ARUP SYSTRA**

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

Project Code: BCIDE
Originator Code: JAC

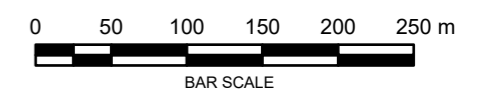
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Approved: DK

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0403	Sheet Number: 11 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
 - CBC0013BT012
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus pygmaeus*
 - *Pipistrellus sp.*

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

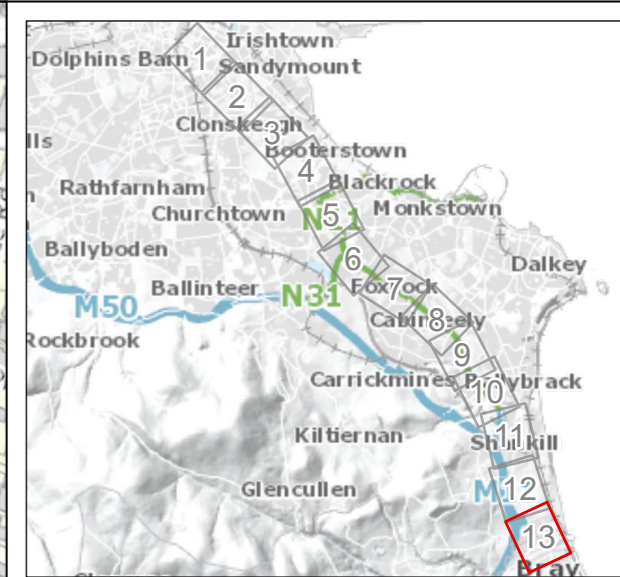
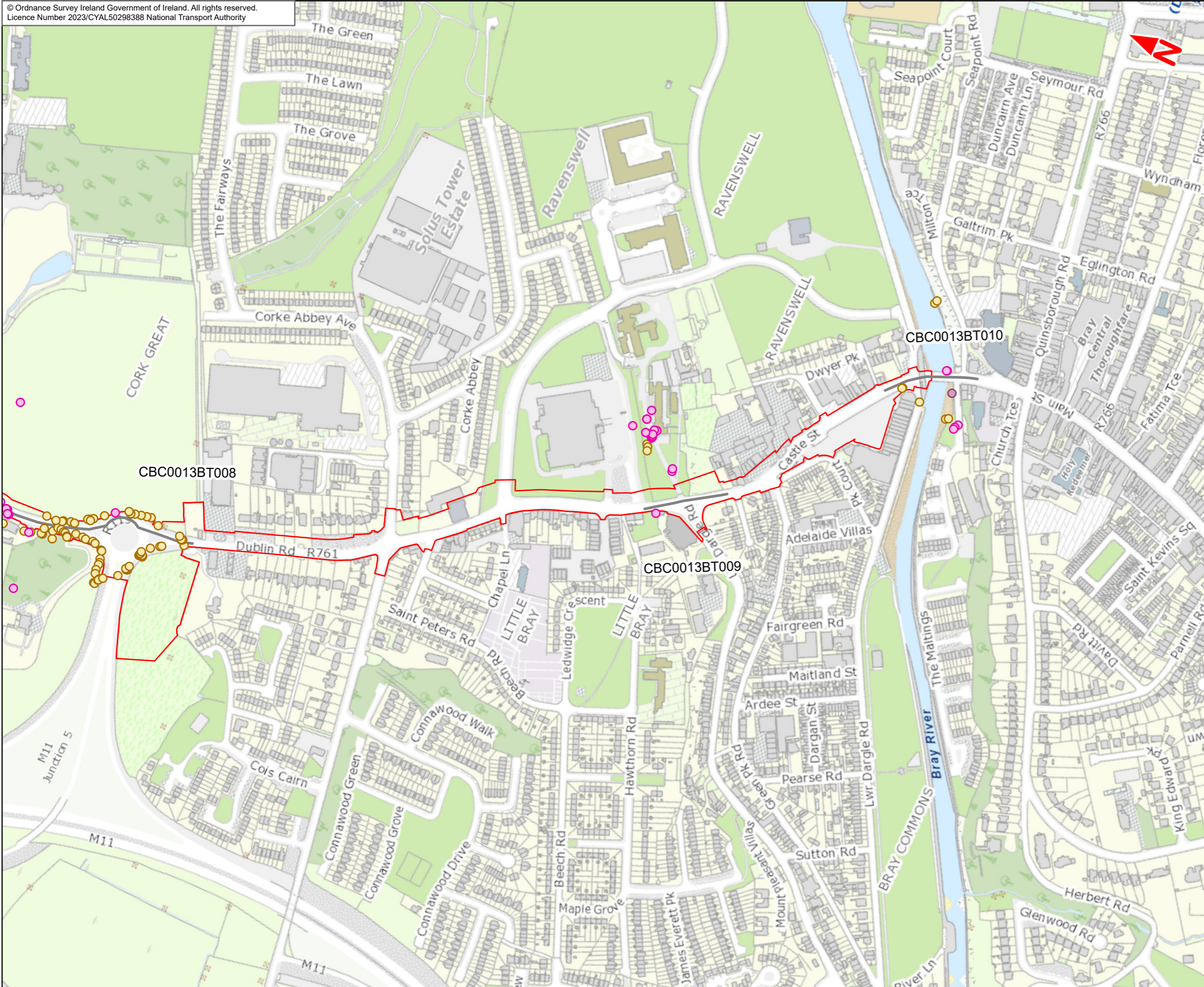
Date: 5/4/2023
Scale @ A3: 1:5 000

Project Code: BCIDE
Originator Code: JAC

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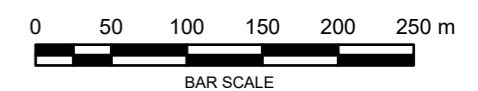
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0402	Sheet Number: 12 of 13	Status: A	Rev: M01





- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Bat Survey Transects
- Bat Species**
- *Nyctalus leisleri*
 - *Pipistrellus pipistrellus*
 - *Pipistrellus sp.*

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

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

Project Code: BCIDE
Originator Code: JAC

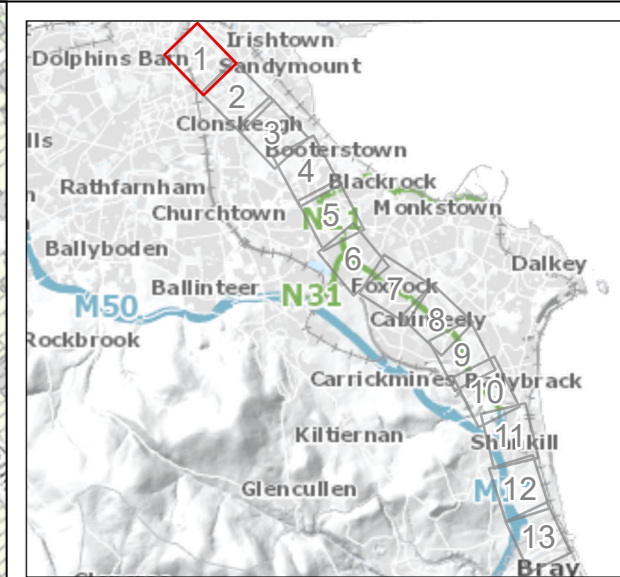
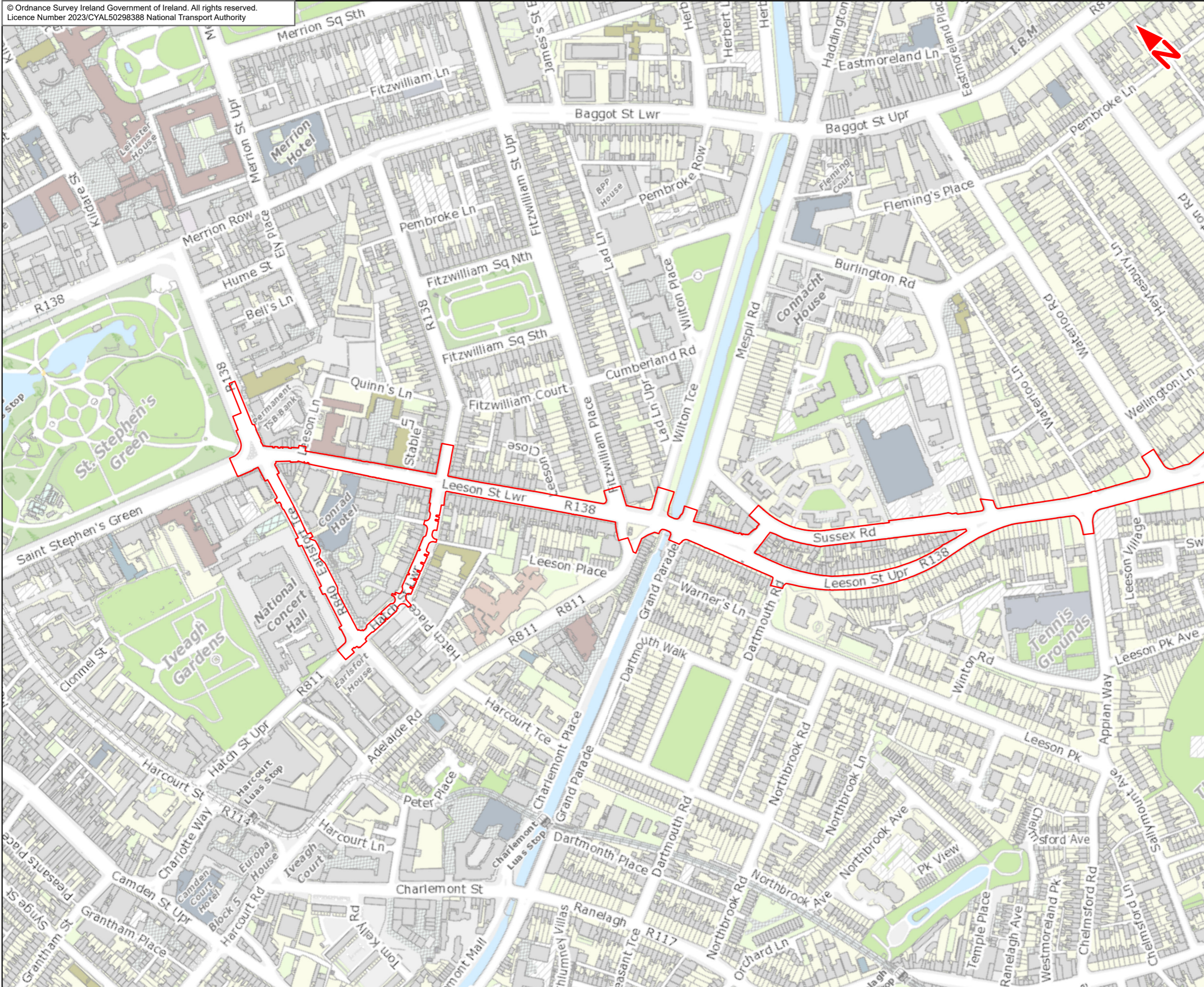
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.1 Bat Survey Results: Bat Activity Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0401	Sheet Number: 13 of 13	Status: A	Rev: M01

12.7.2

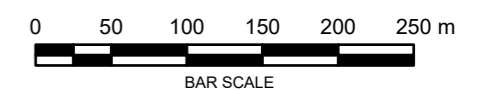
Bat Survey Results: Potential Roost Feature Survey Results





Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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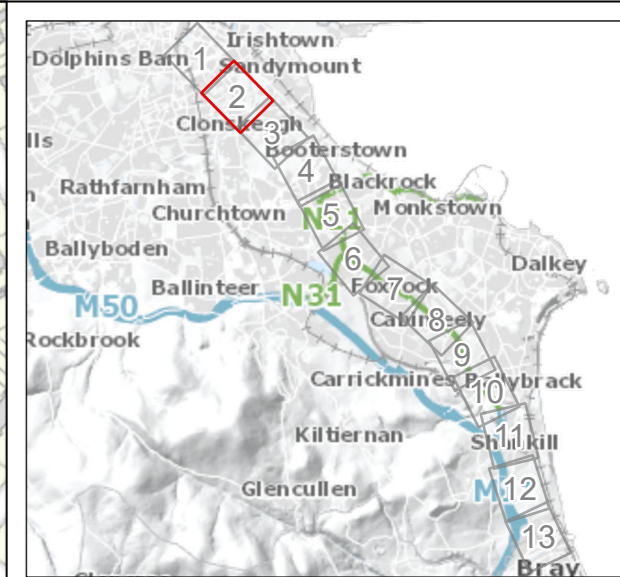
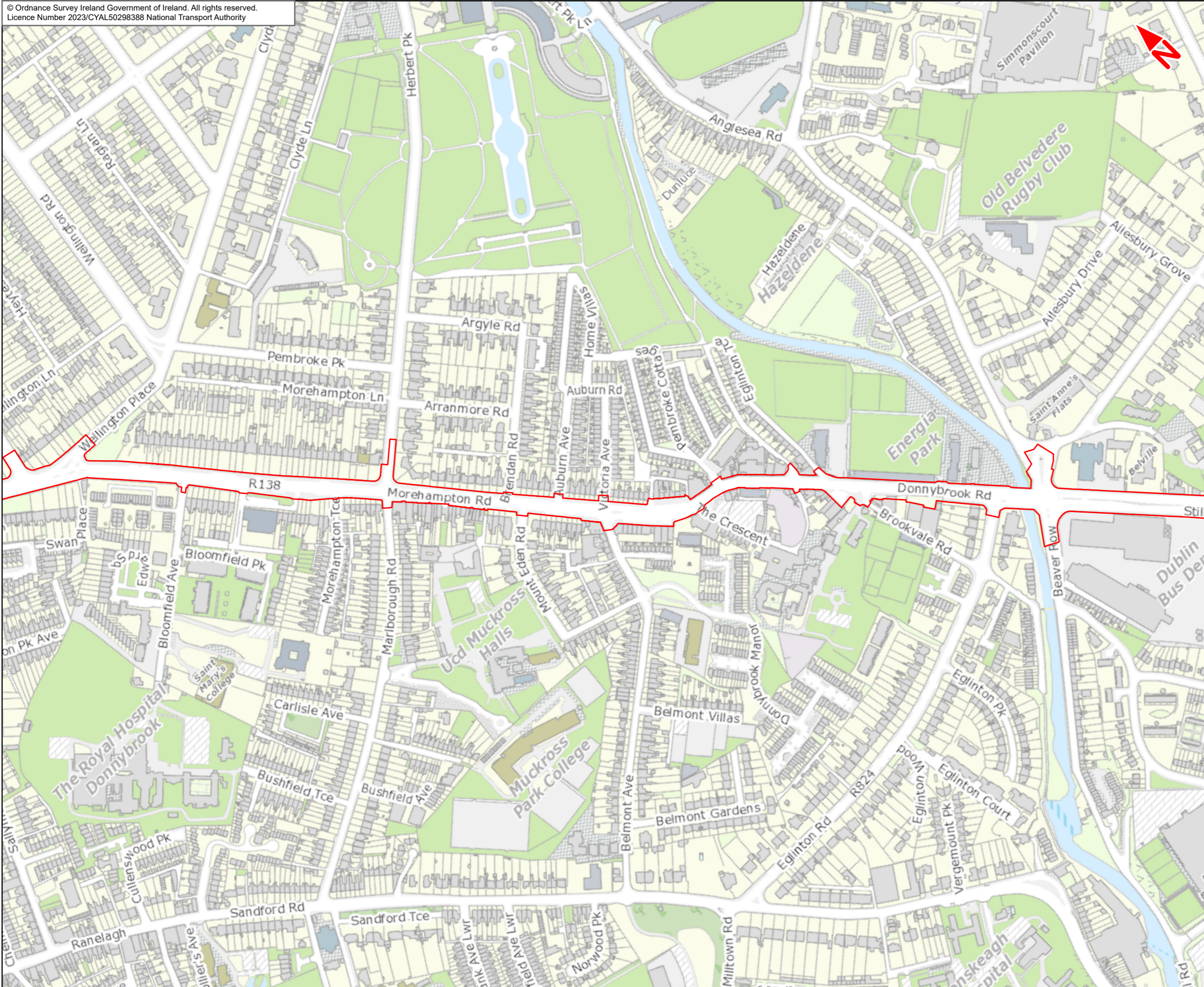
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant
JACOBS
ARUP SYSTRA

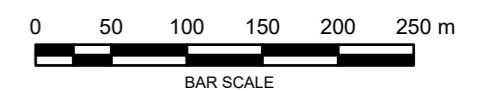
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results	
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0513	Sheet Number 1 of 13
Status A	Rev M01

Date 15/05/2023	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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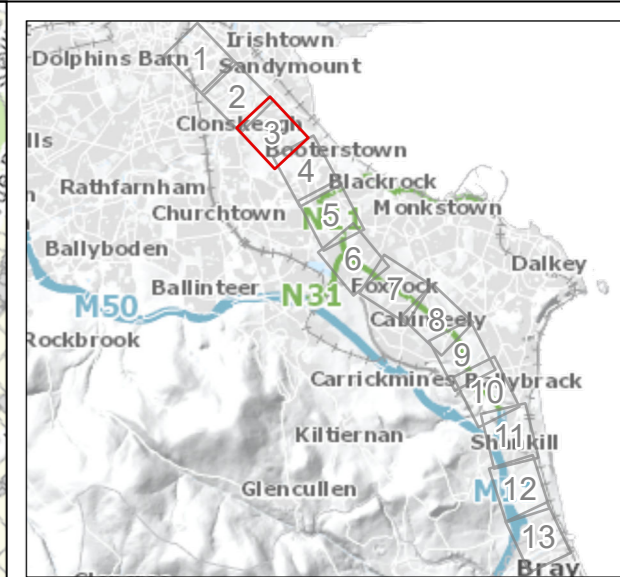
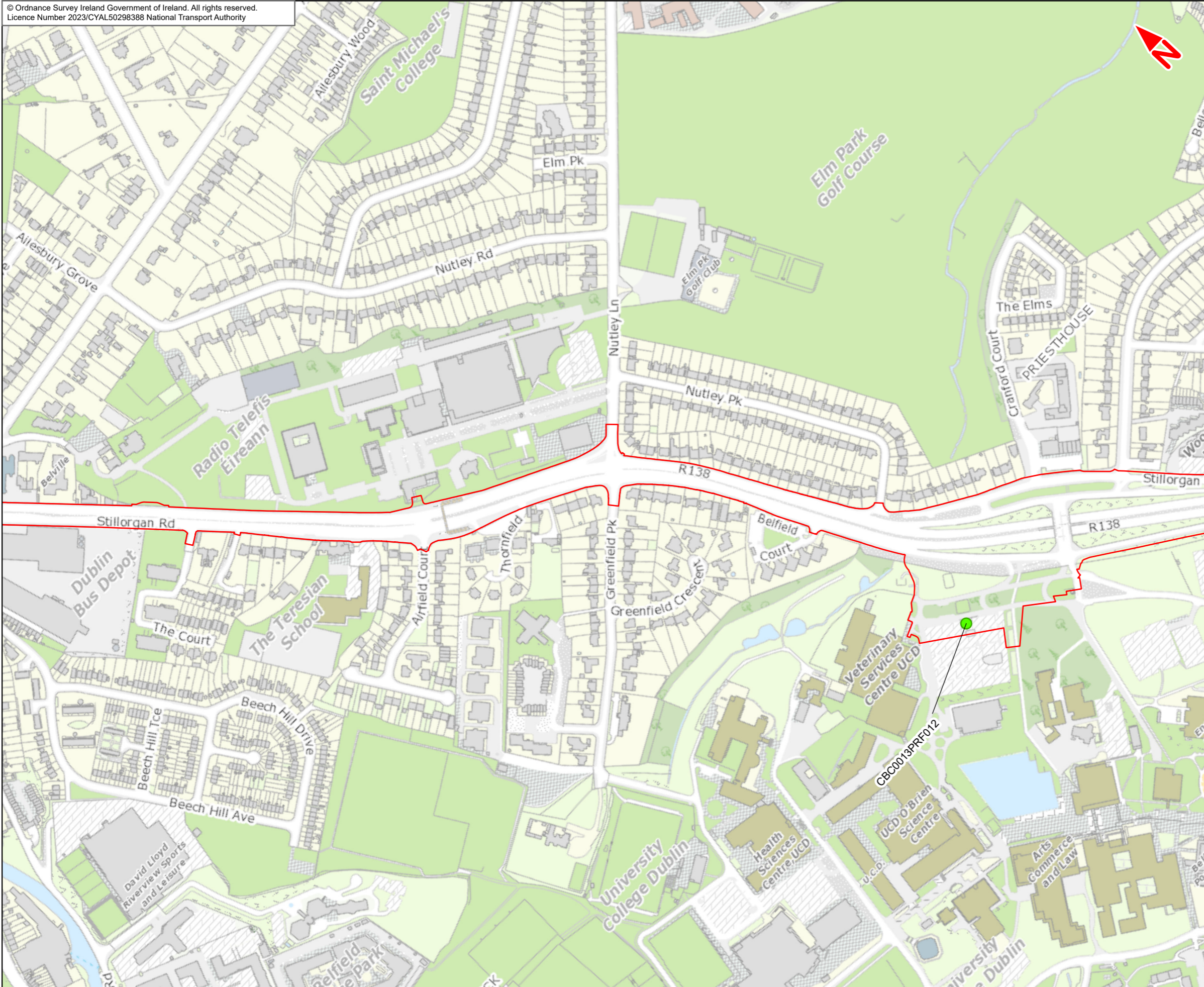
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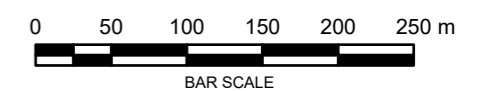
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 15/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0512	Sheet Number 2 of 13	Status A	Rev M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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

Consultant: **JACOBS ARUP SYSTRA**

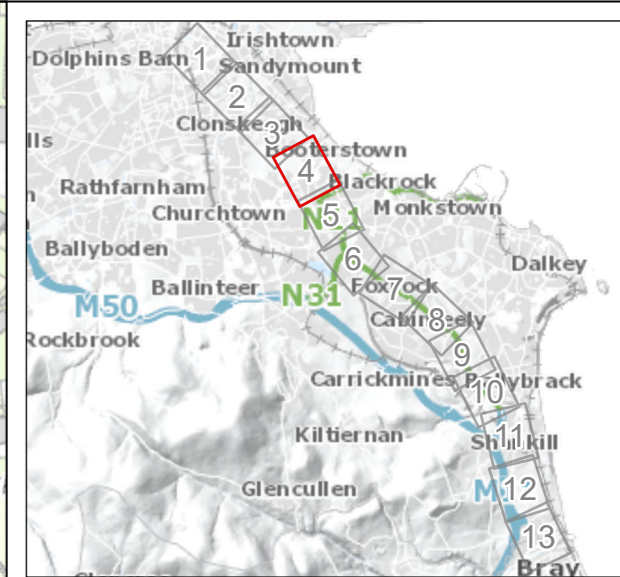
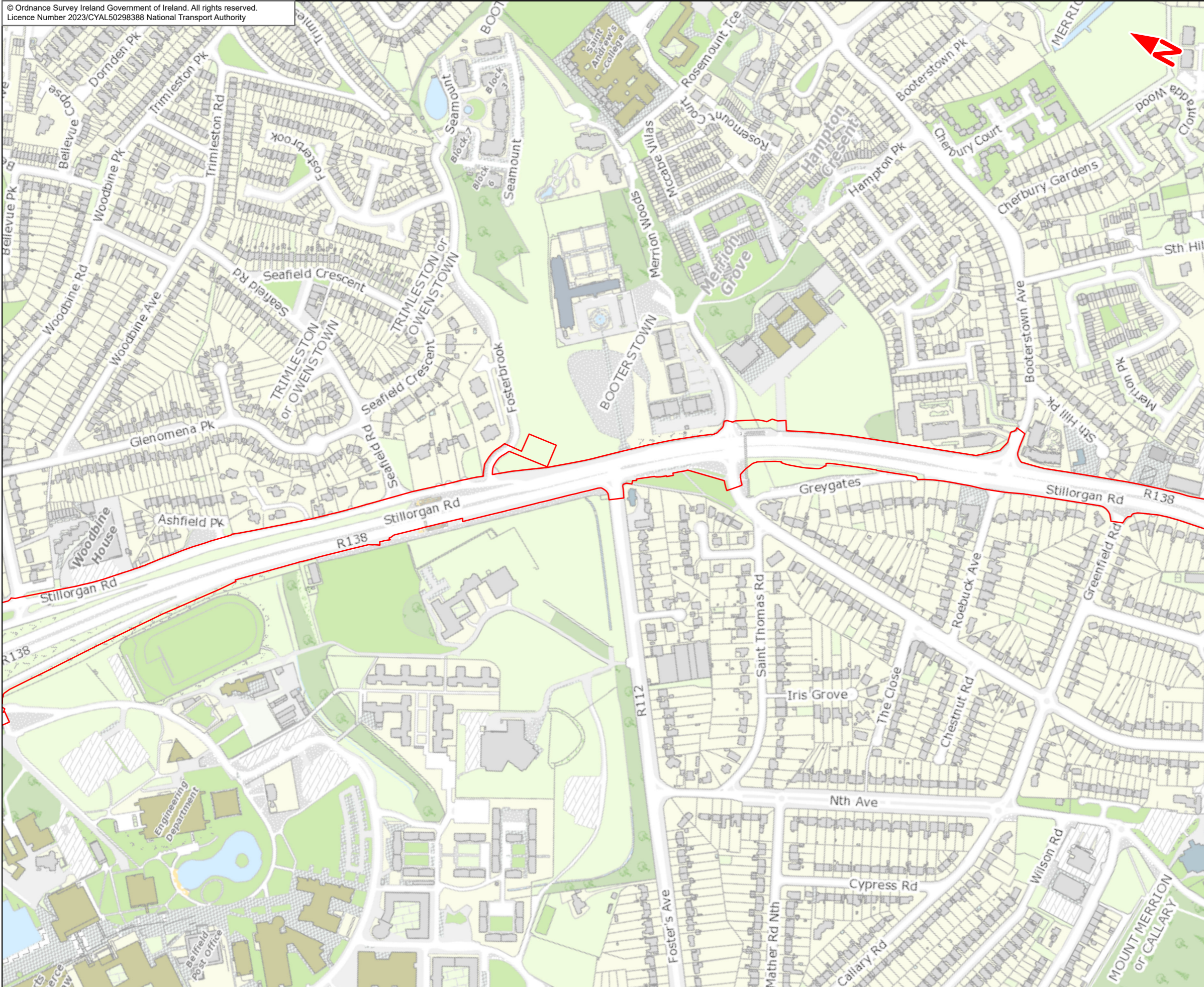
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Project Code: BCIDE
Originator Code: JAC

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Checked: PW
Approved: DK

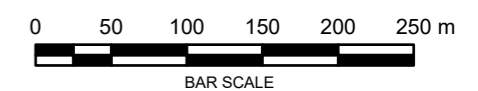
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme			
Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0511	Sheet Number: 3 of 13	Status: A	Rev: M01





Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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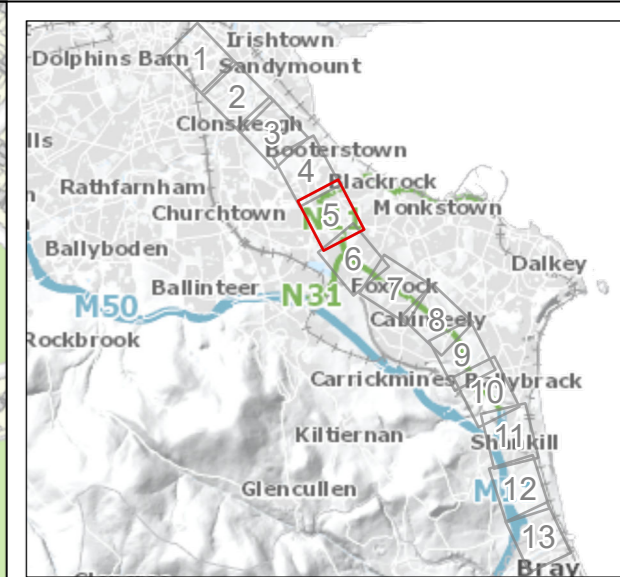
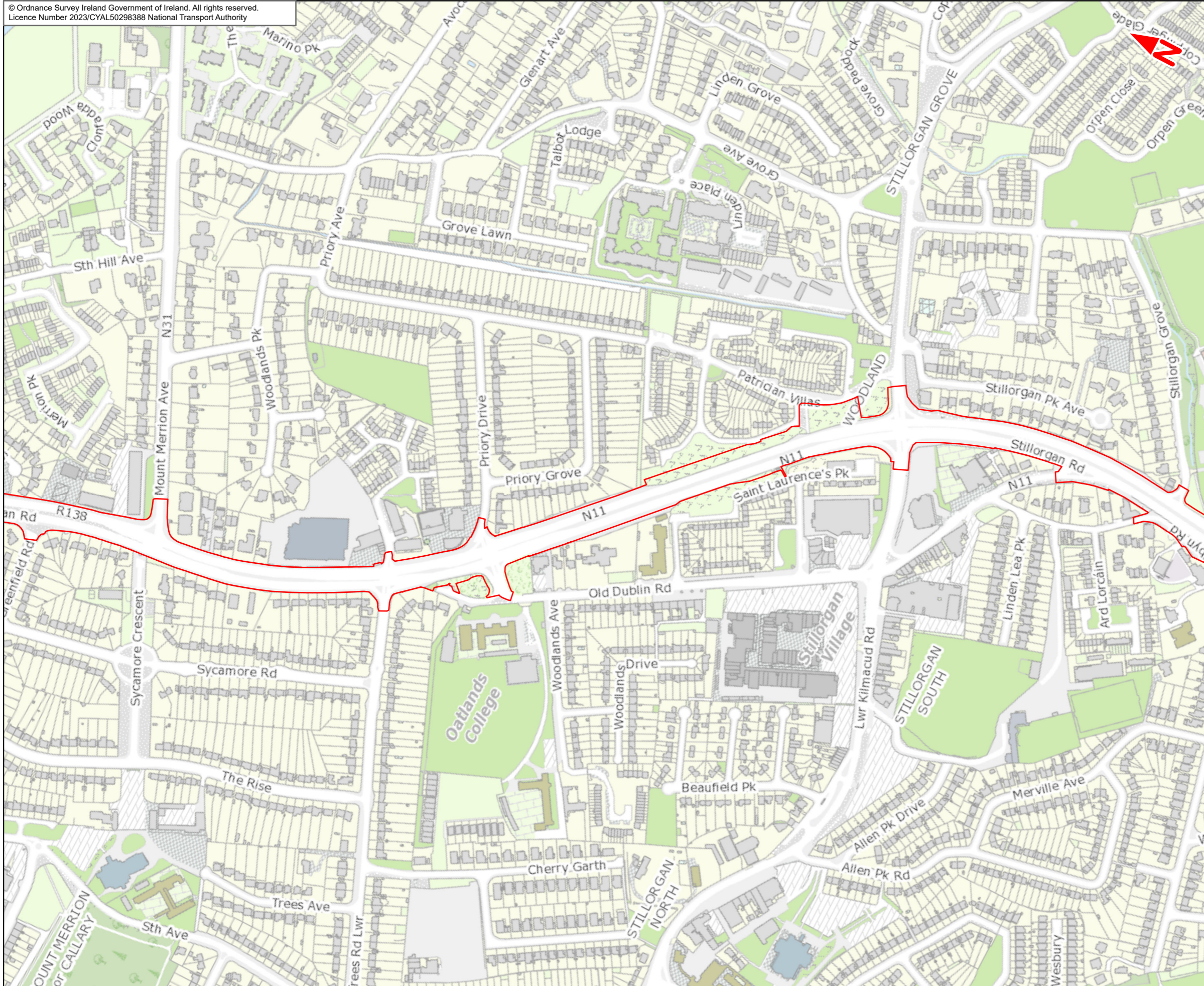
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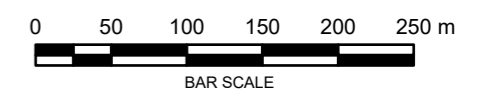
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 15/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0510	Sheet Number 4 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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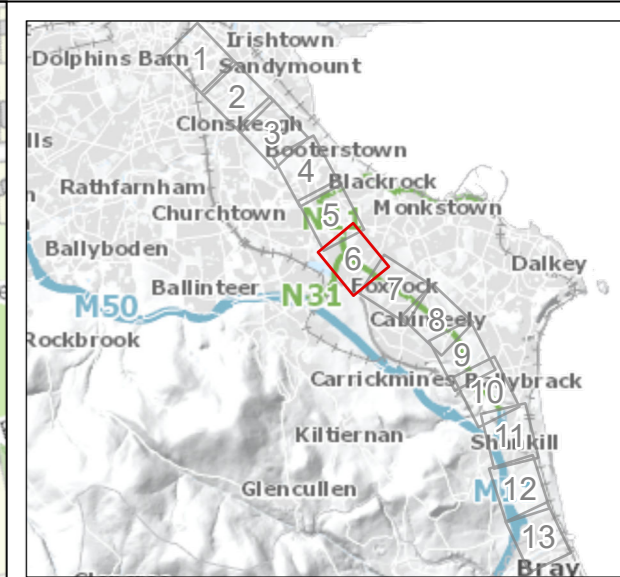
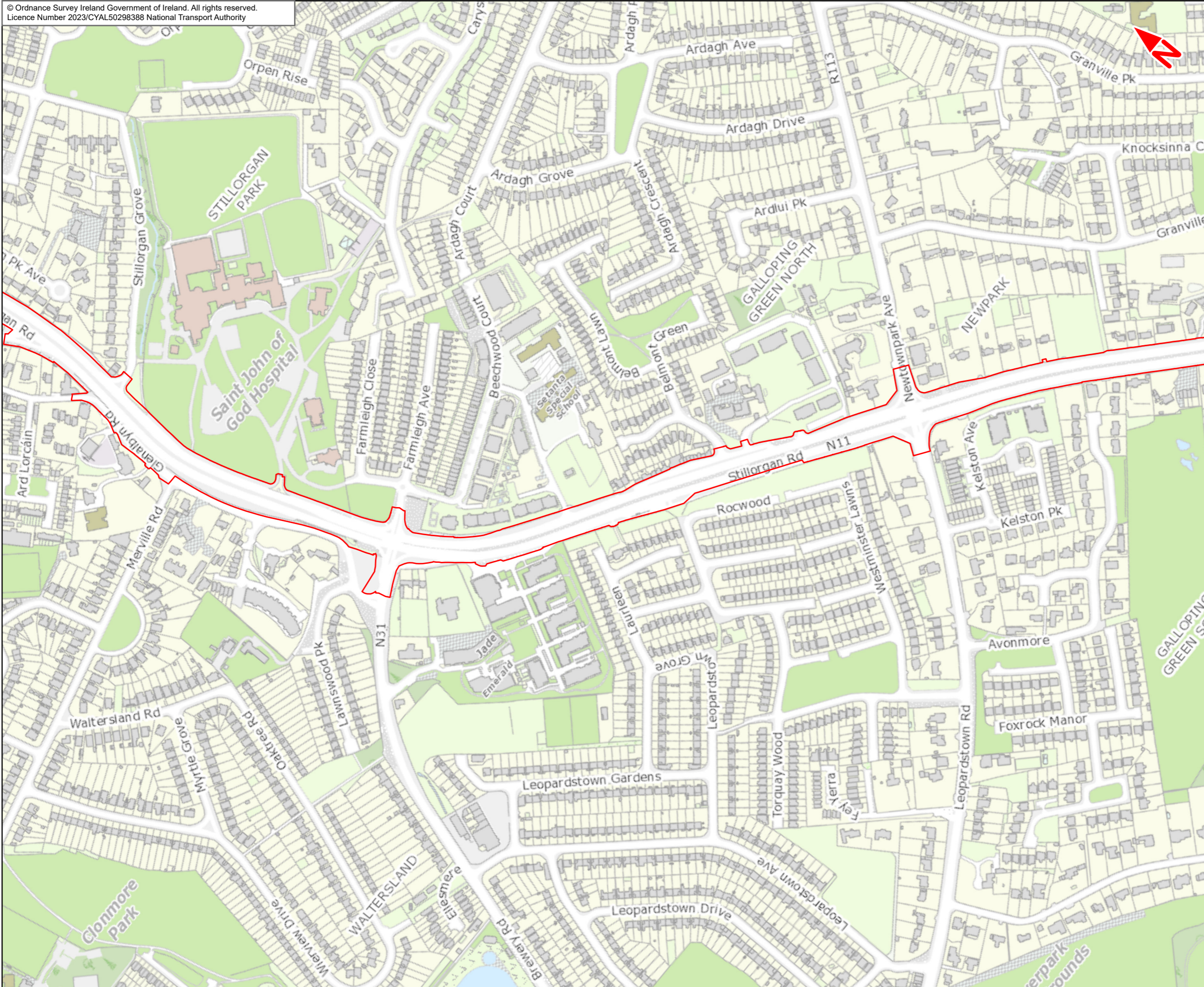
Consultant
JACOBS
ARUP SYSTRA

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 Bray to City Centre Core Bus Corridor Scheme
 Figure 12.7.2
 Bat Survey Results: Potential Roost Feature Survey Results

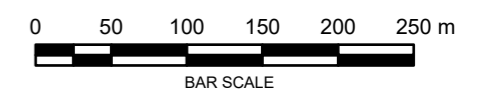
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Project Code	BCIDE	Originator Code	JAC	QMS Code					

Drawing File Name	BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0509	Sheet Number	5 of 13	Status	A	Rev	M01
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Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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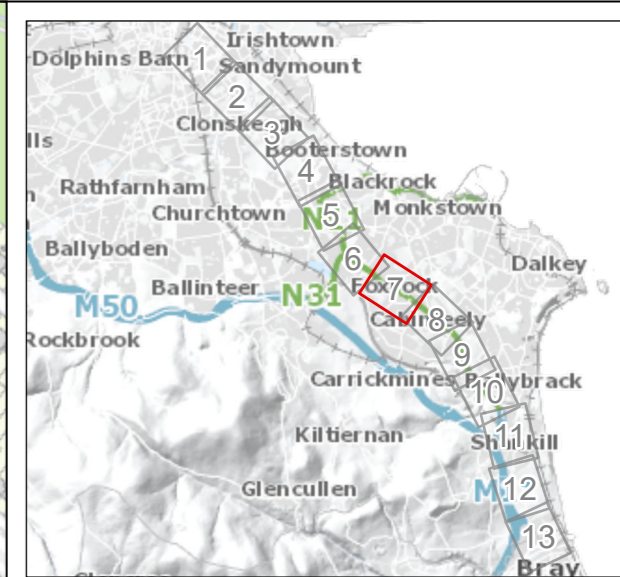
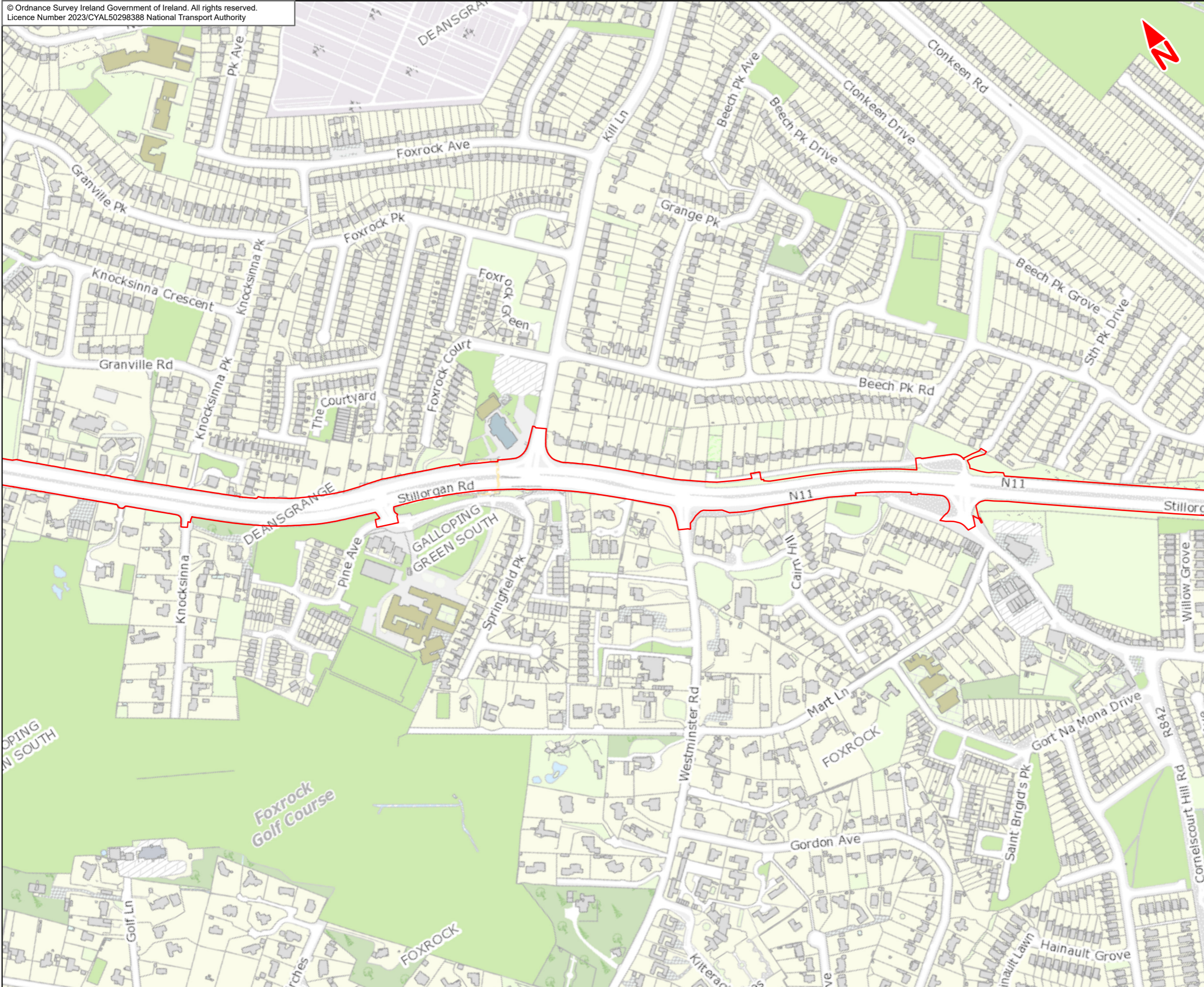
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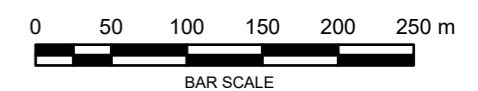
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results			
Drawing File Name BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0508	Sheet Number 6 of 13	Status A	Rev M01

Date 15/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		



Legend :
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 Core Bus Corridor Scheme

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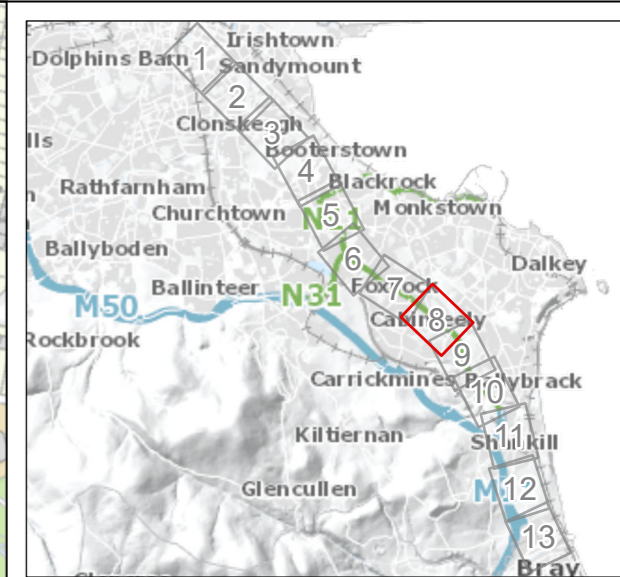
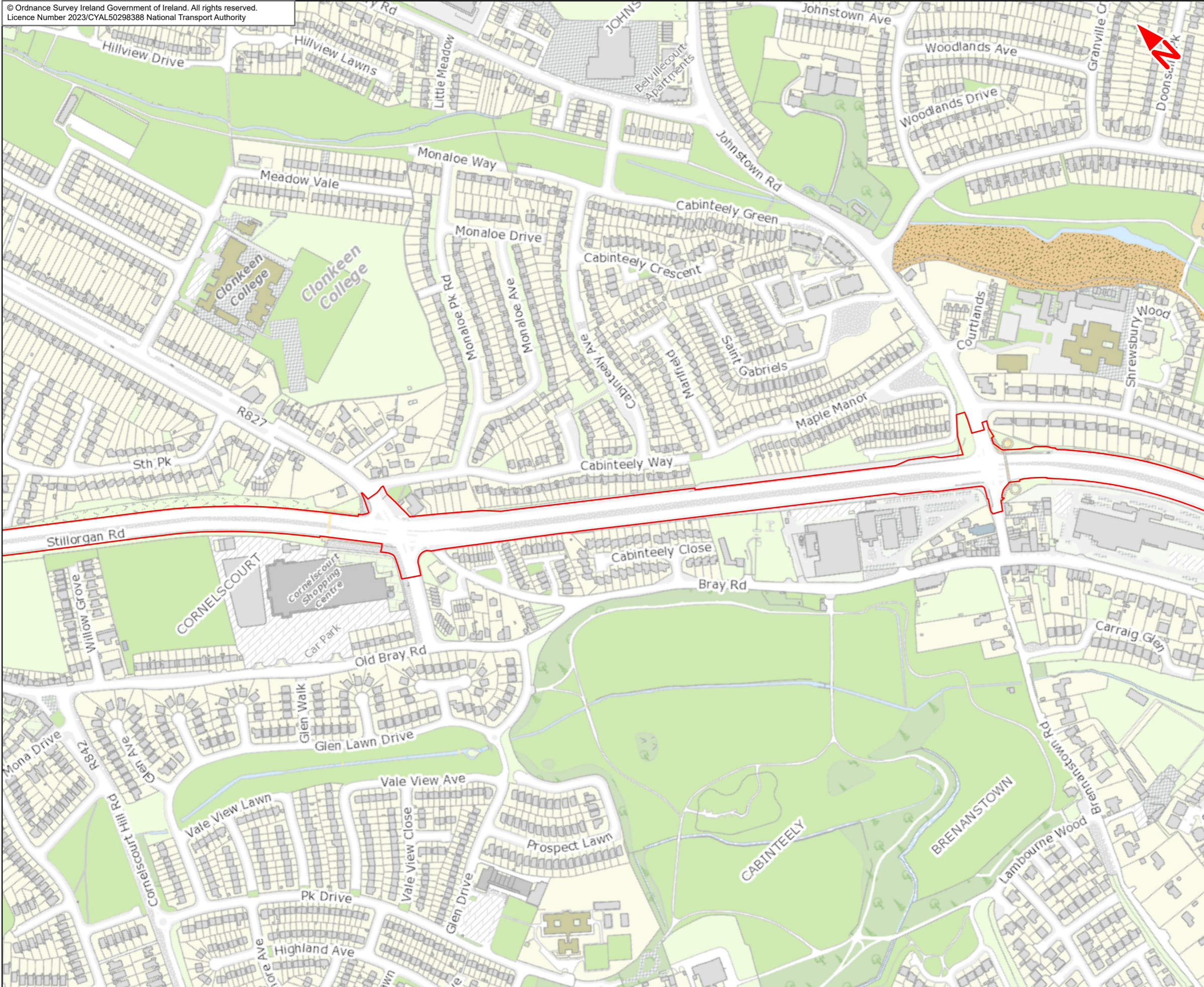


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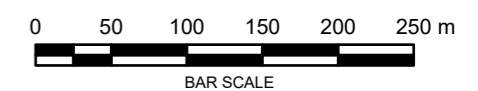
Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results				
Date 15/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0507
Sheet Number 7 of 13		Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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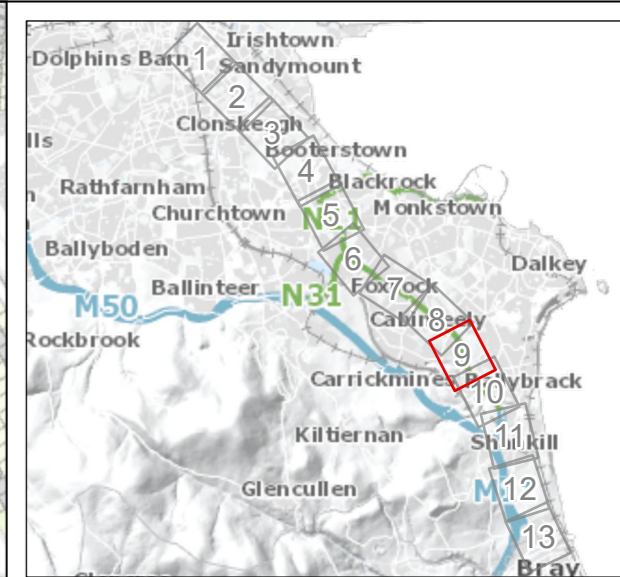
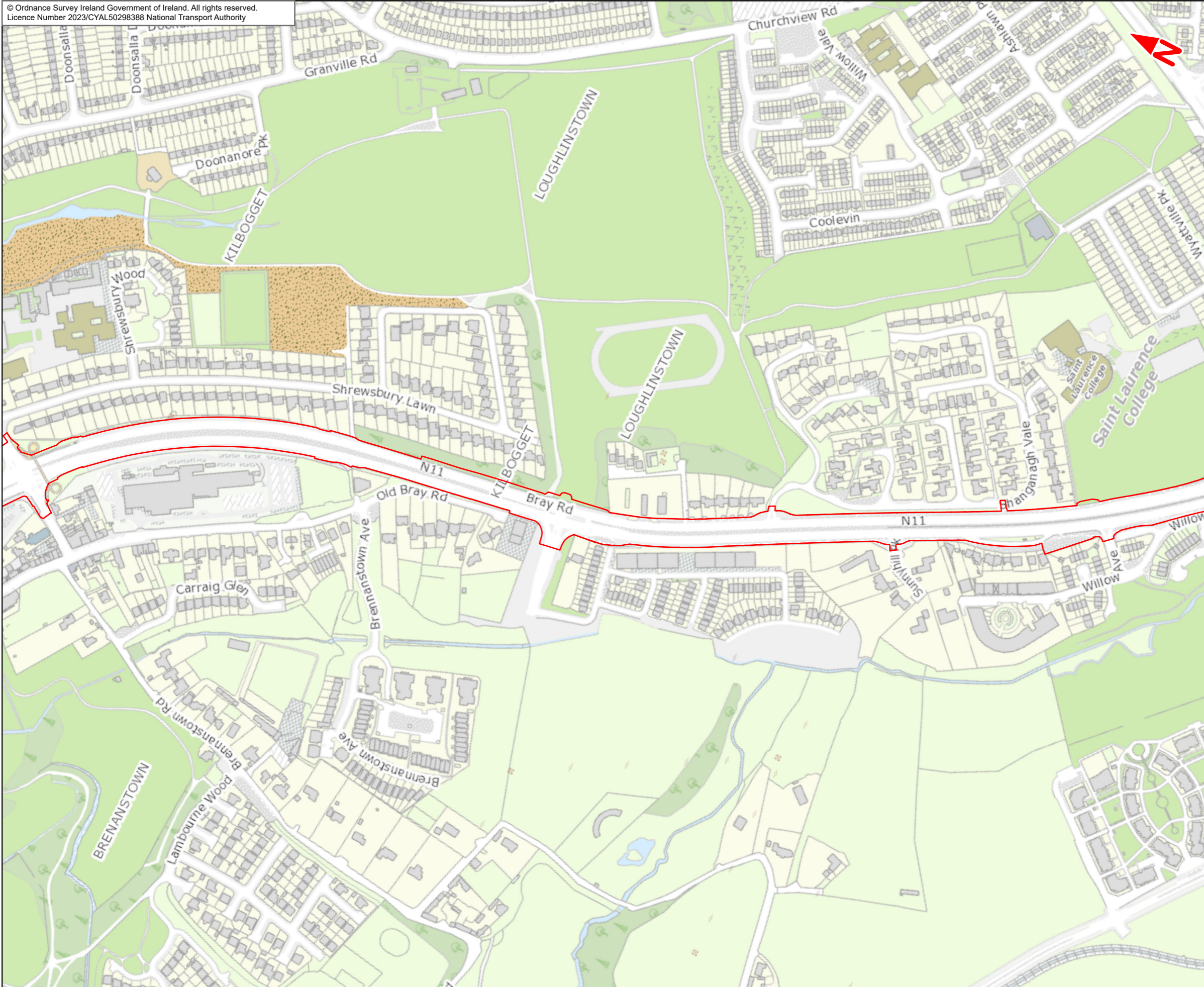
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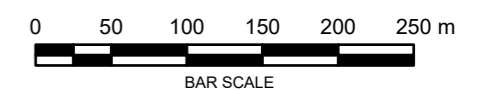
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BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0506	8 of 13	A	M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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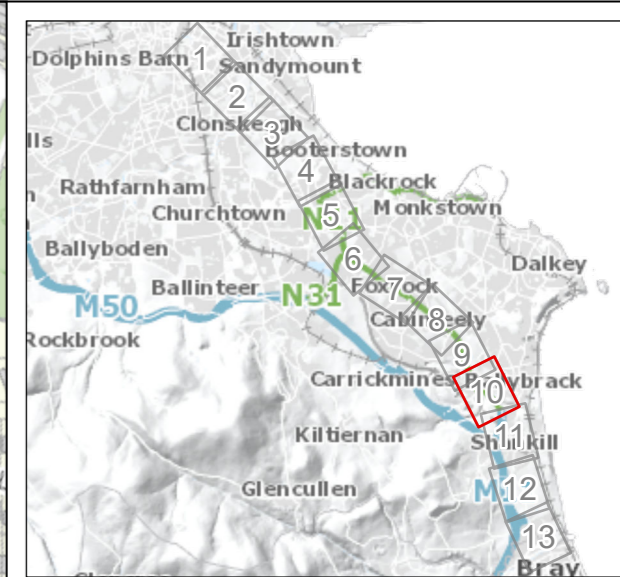
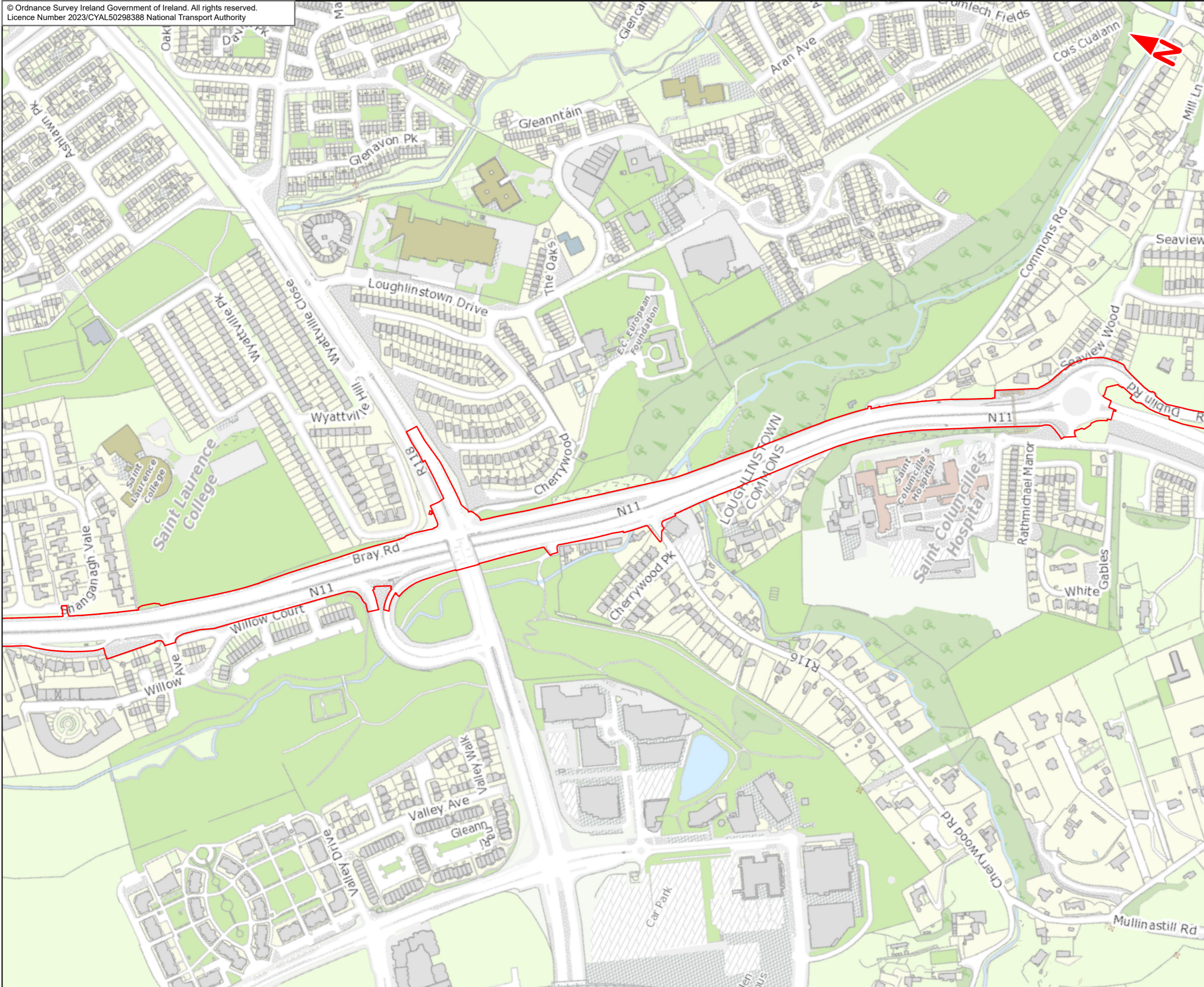
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M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

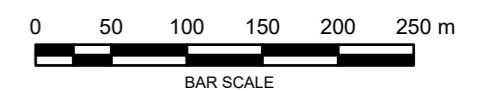
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 15/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0505	Sheet Number 9 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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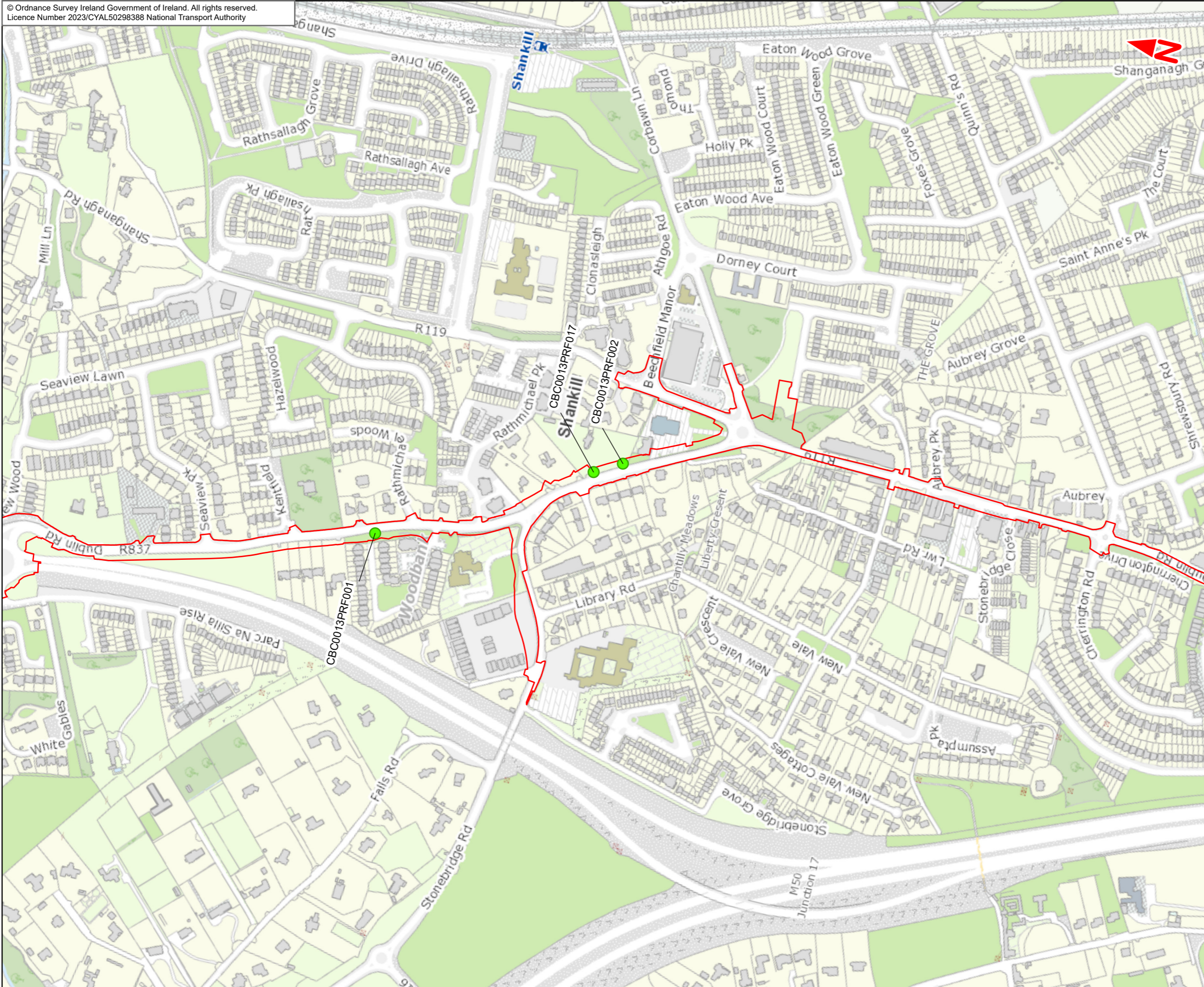
Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 15/05/2023 | Scale @ A3: 1:5 000
 Project Code: BCIDE | Originator Code: JAC

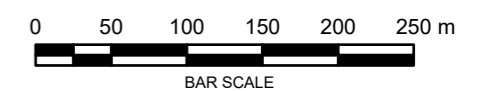
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 QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0504	Sheet Number: 10 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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

Consultant: **JACOBS ARUP SYSTRA**

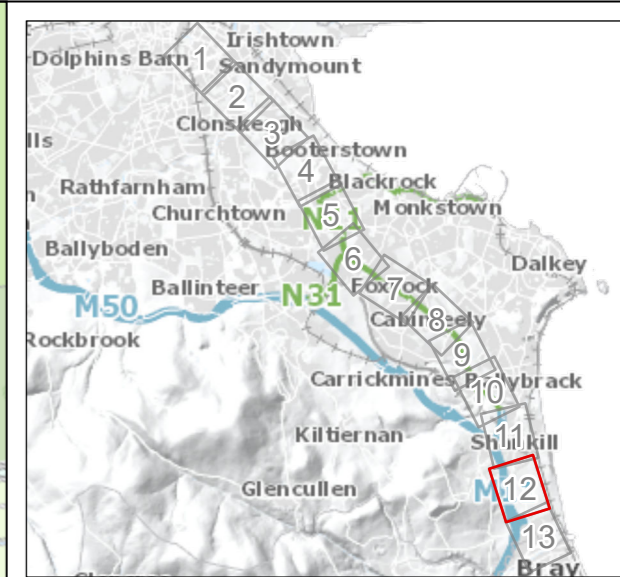
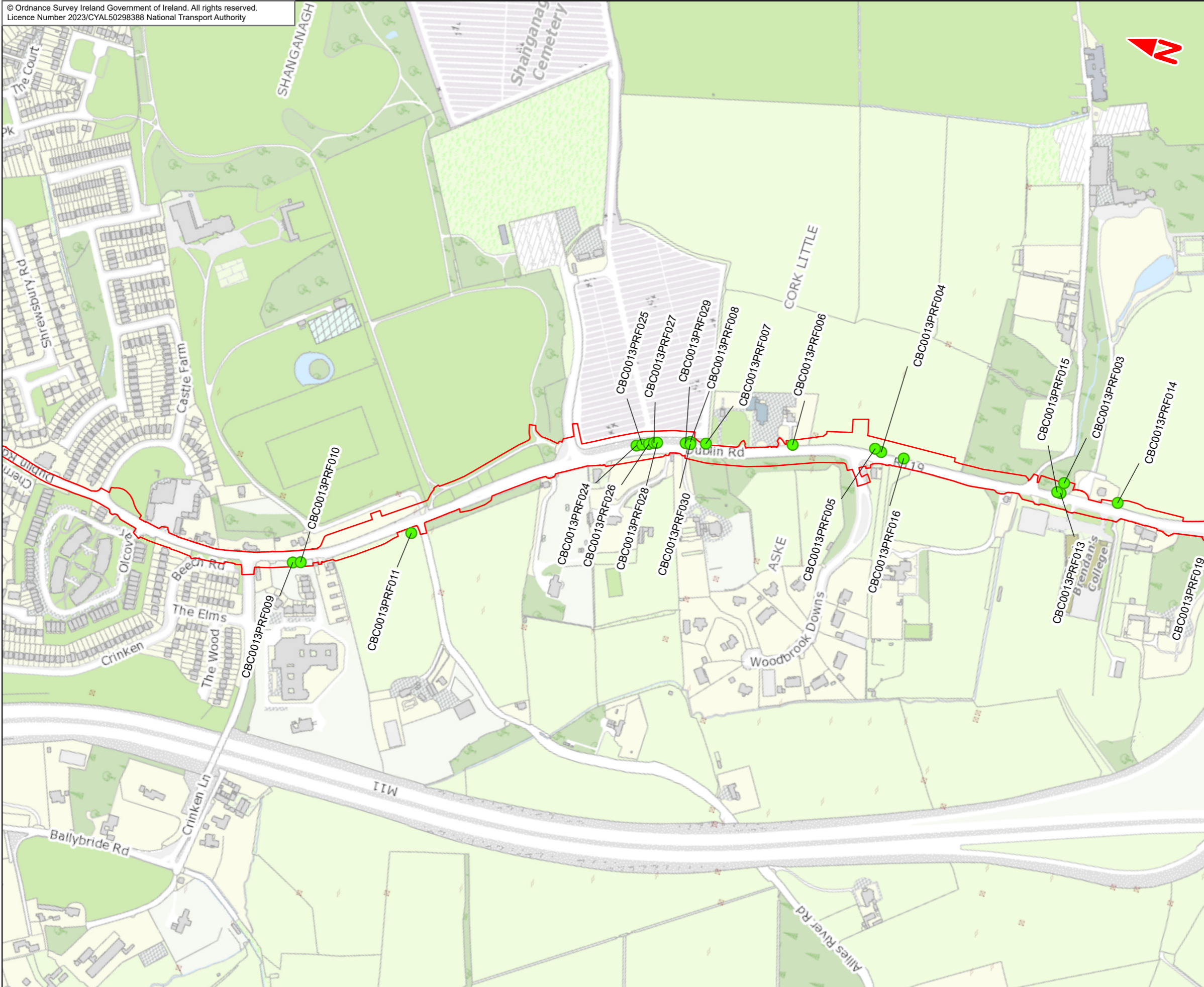
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Project Code: BCIDE | Originator Code: JAC

Drawn: EK | Checked: PW | Approved: DK

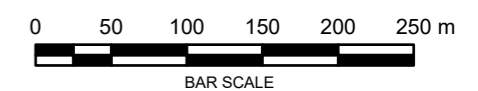
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2			
Bat Survey Results: Potential Roost Feature Survey Results			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0503	Sheet Number: 11 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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Client: **NTA**
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National Transport Authority

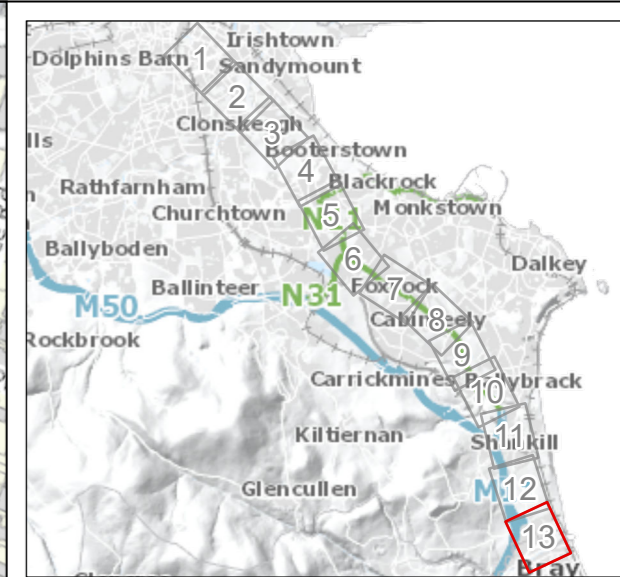
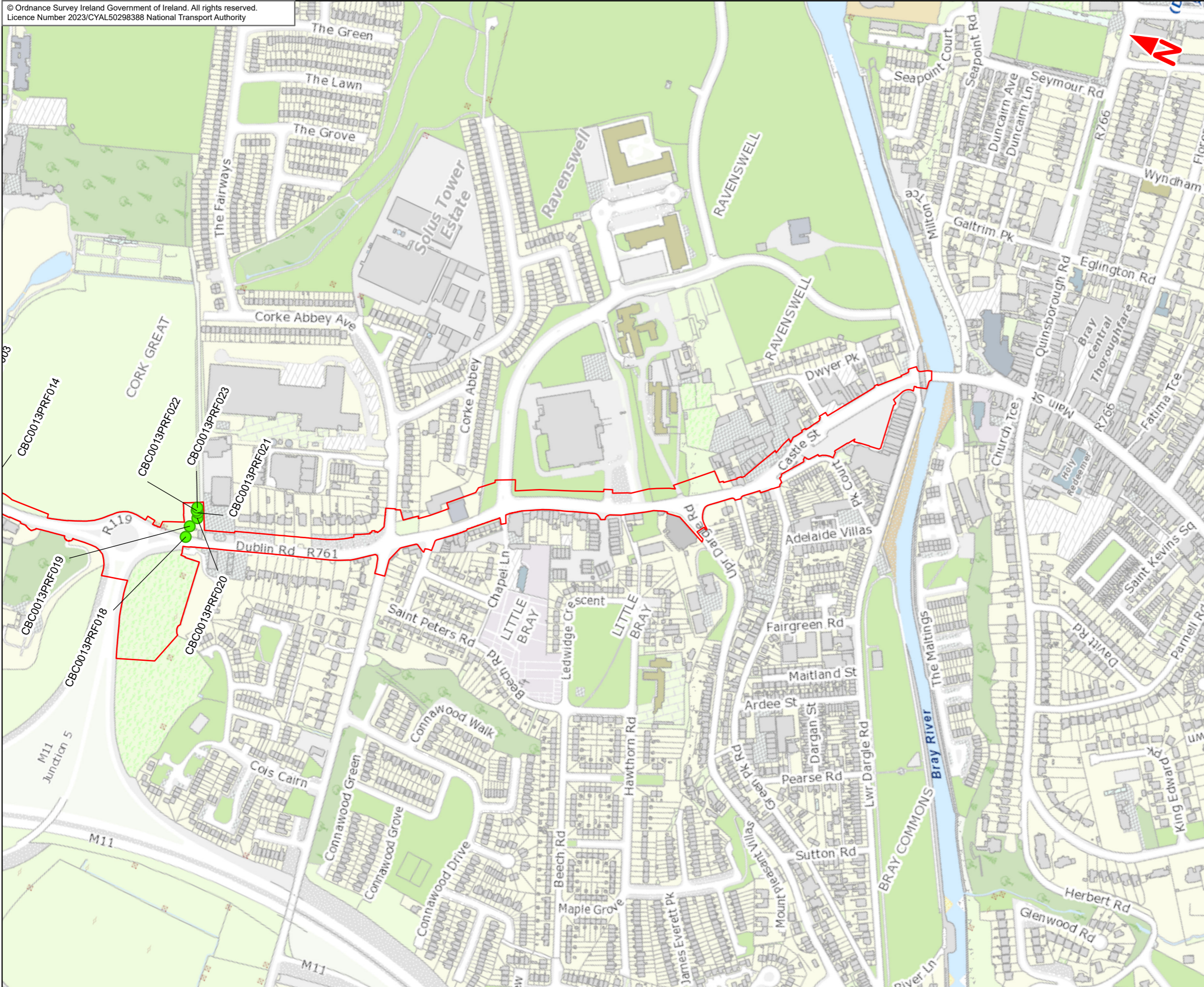
Consultant: **JACOBS ARUP SYSTRA**

Date: 15/05/2023
Scale @ A3: 1:5 000

Project Code: BCIDE
Originator Code: JAC

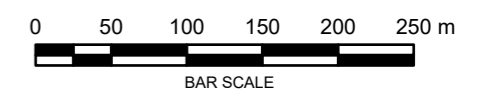
Drawn: EK
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Approved: DK

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0502	Sheet Number: 12 of 13	Status: A	Rev: M01



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Potential Roost Features

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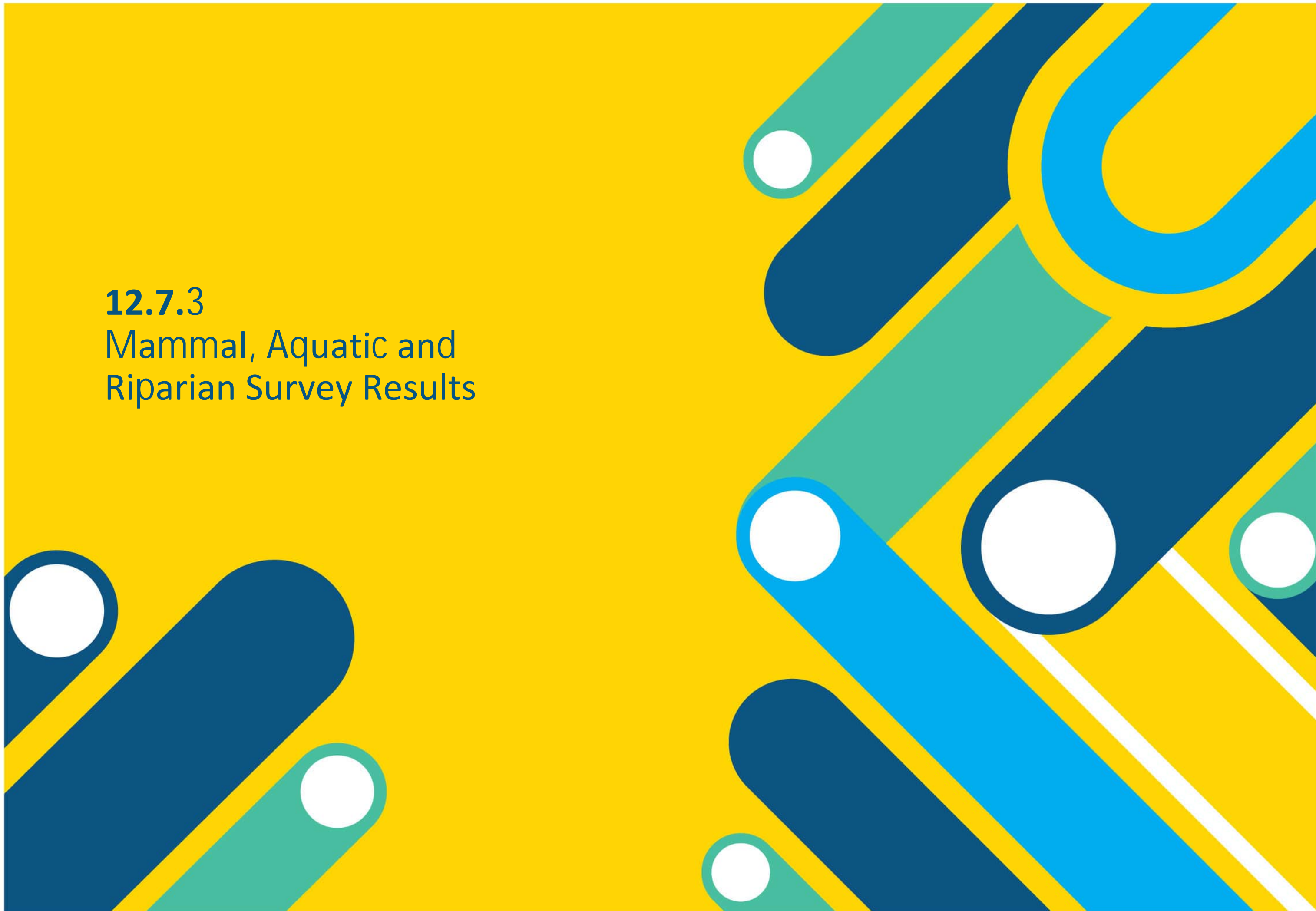
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M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

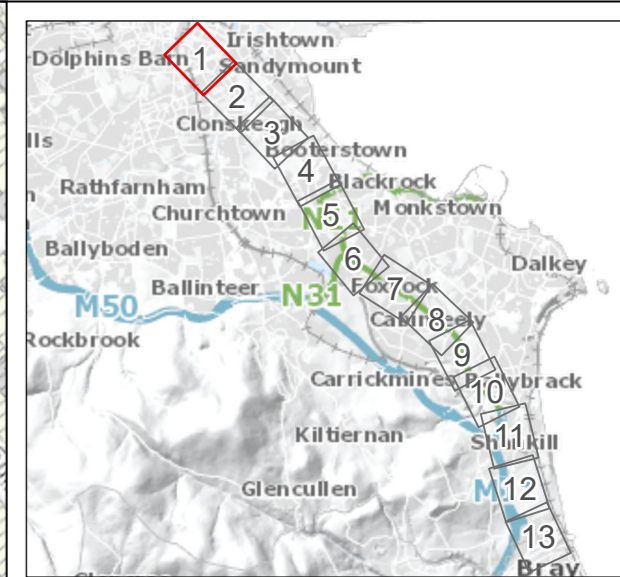
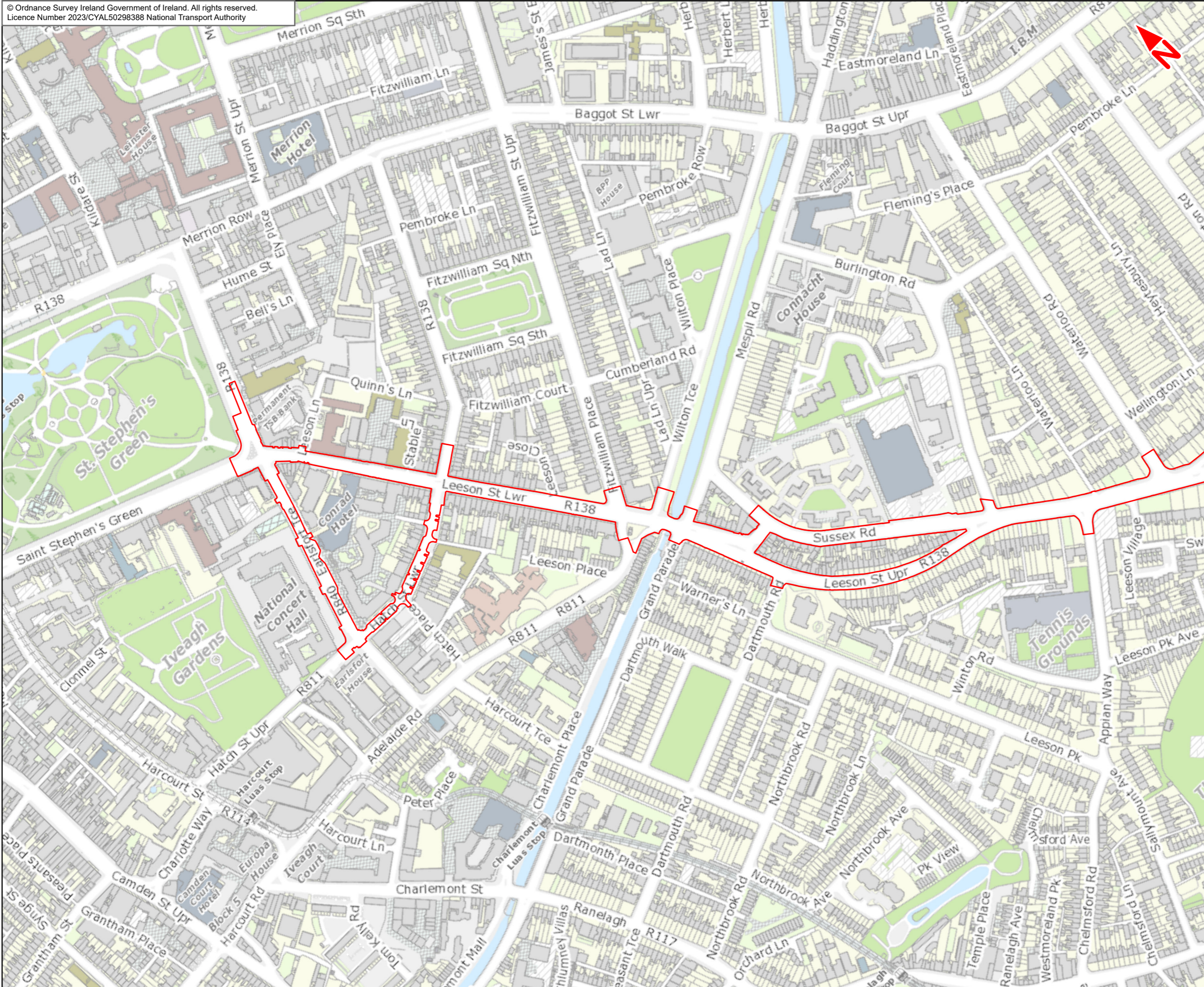
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 15/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.2 Bat Survey Results: Potential Roost Feature Survey Results				
Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0501	Sheet Number 13 of 13	Status A	Rev M01	

12.7.3

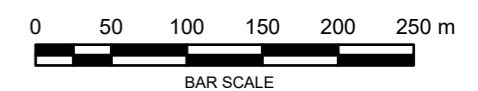
Mammal, Aquatic and Riparian Survey Results





Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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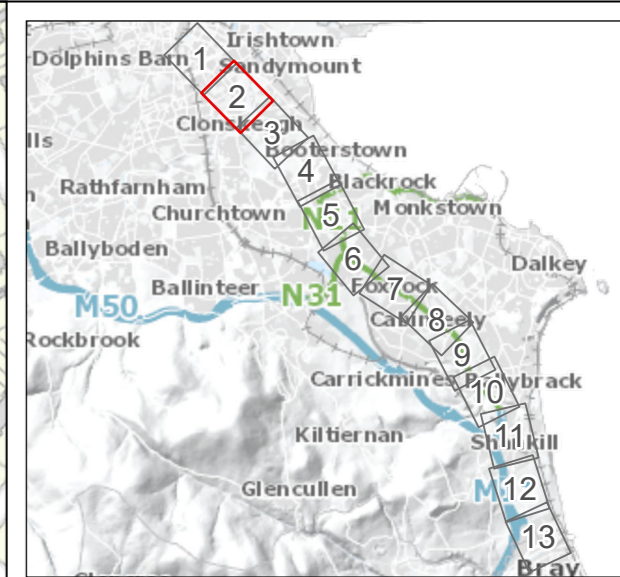
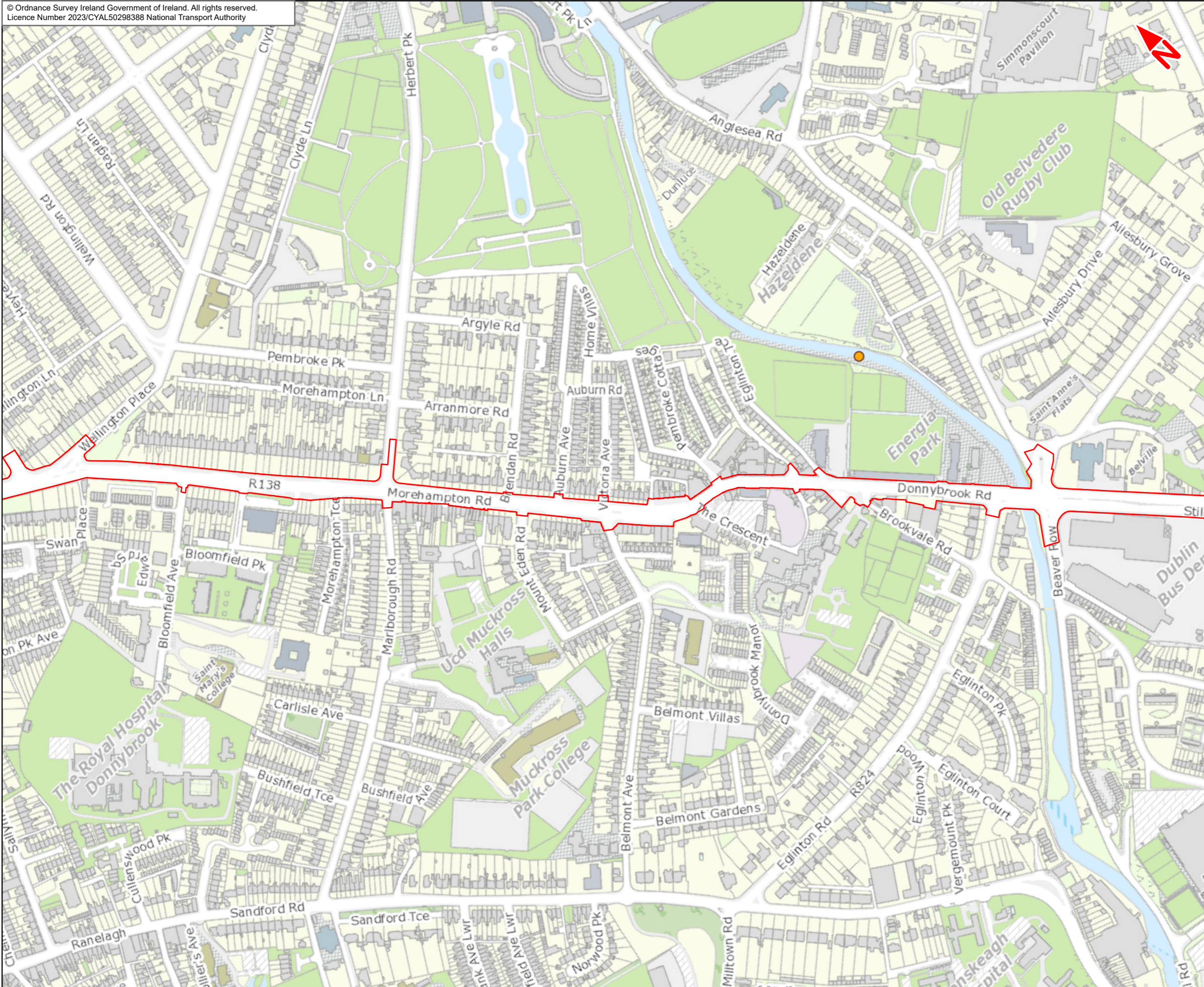
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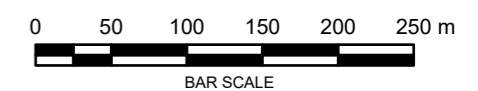
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 09/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0813	Sheet Number 1 of 13	Status A	Rev M01	



- Legend :**
- Bray to City Centre Core Bus Corridor Scheme
 - Otter Signs

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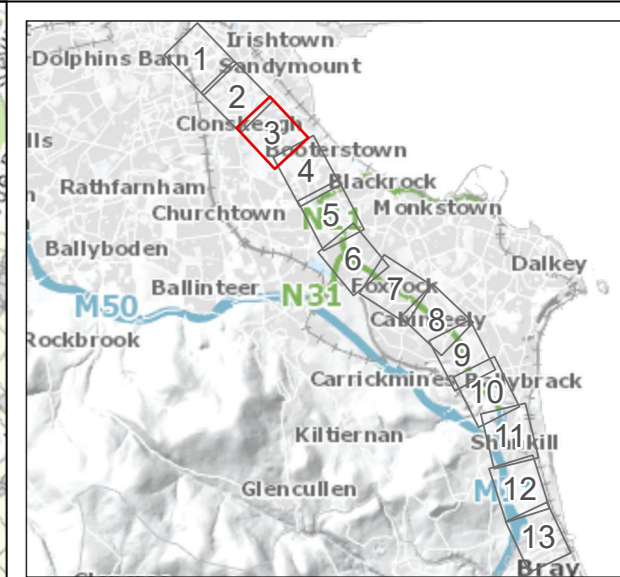
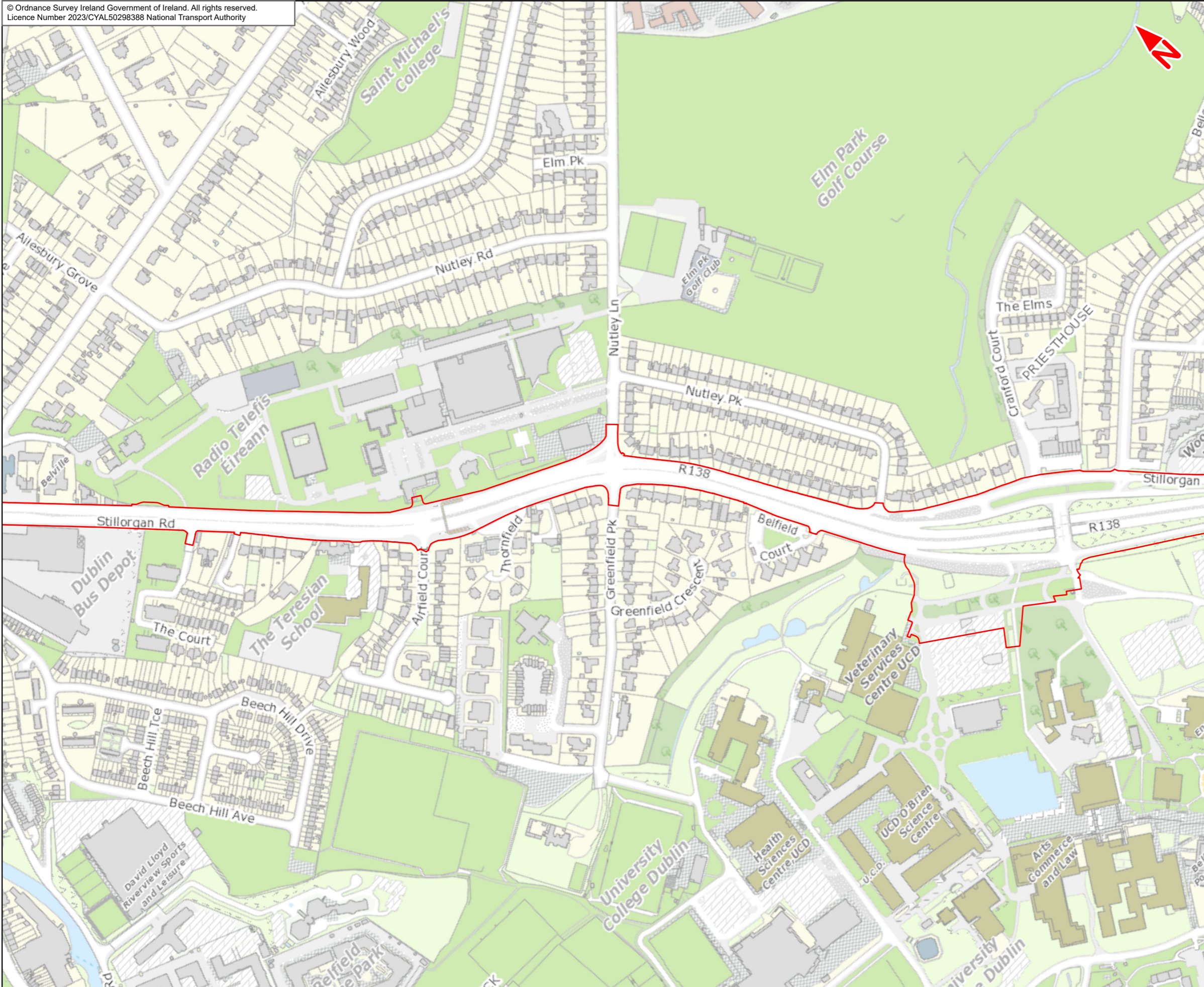
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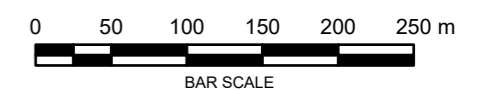
 Udarás Náisiúnta Iompair National Transport Authority		Consultant 		
Date	Scale @ A3	Drawn	Checked	Approved
09/05/2023	1:5 000	EK	PW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0812	2 of 13	A	M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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Client: **NTA**
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 National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

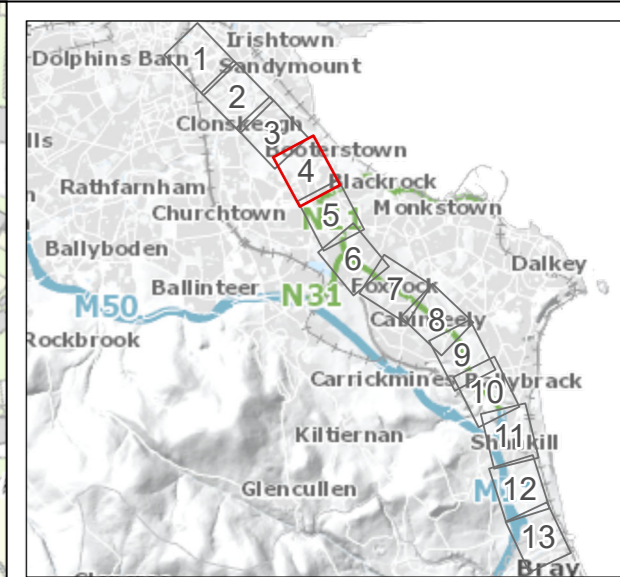
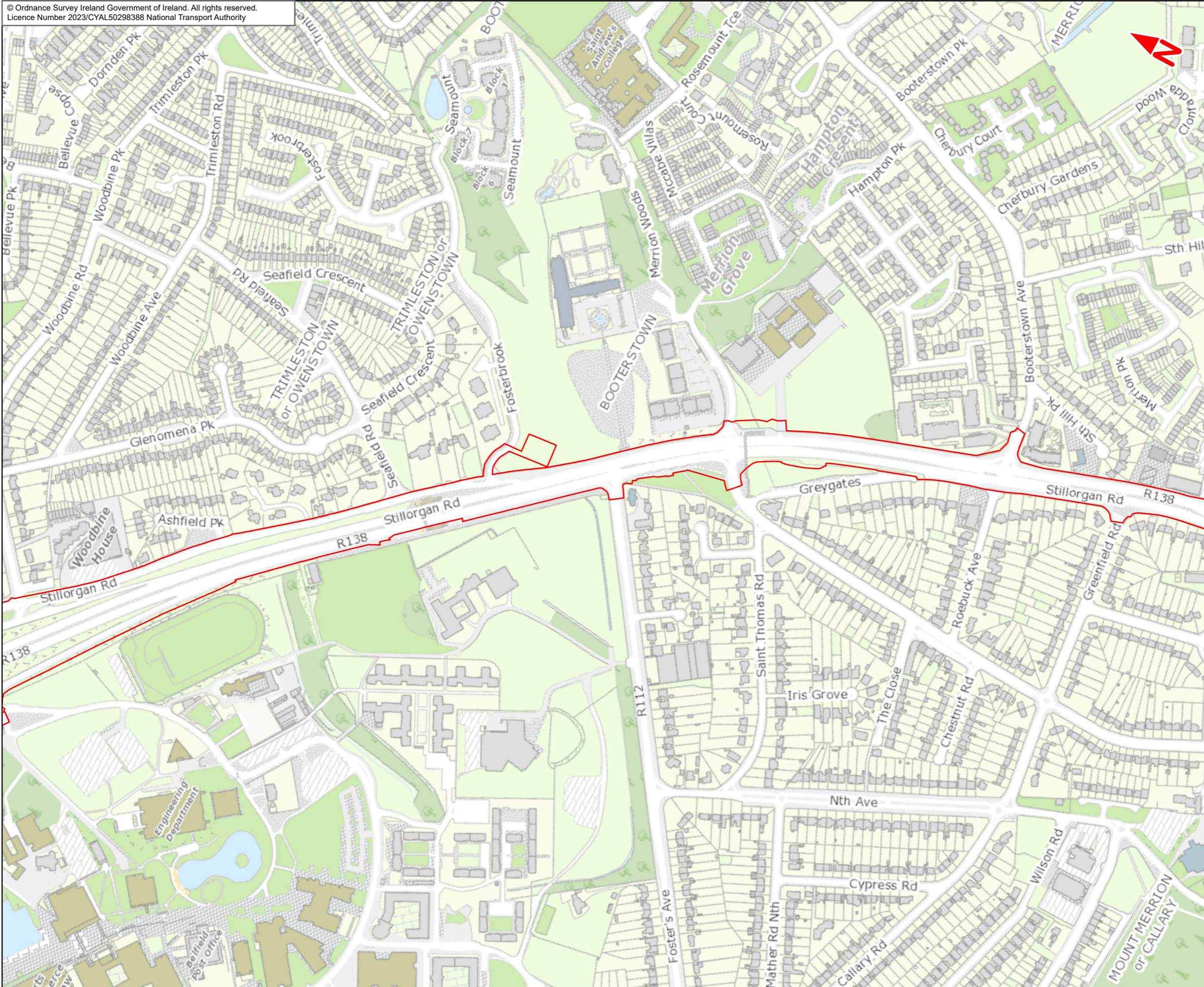
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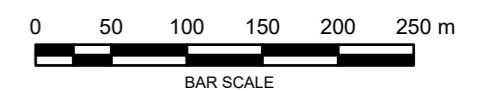
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0811	Sheet Number: 3 of 13	Status: A	Rev: M01





Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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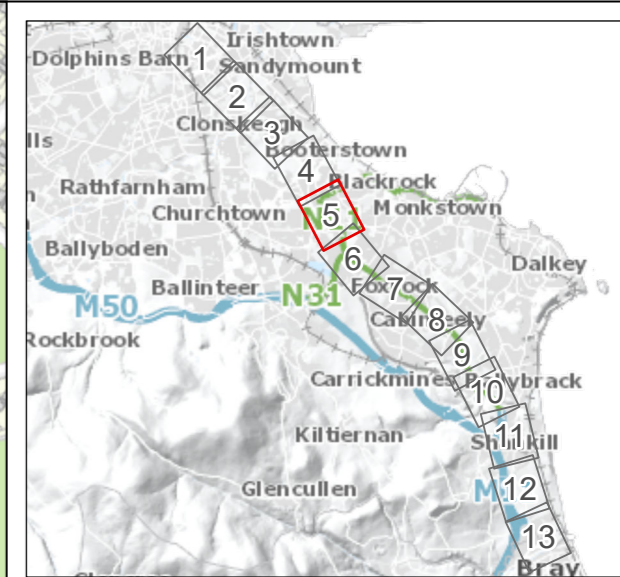
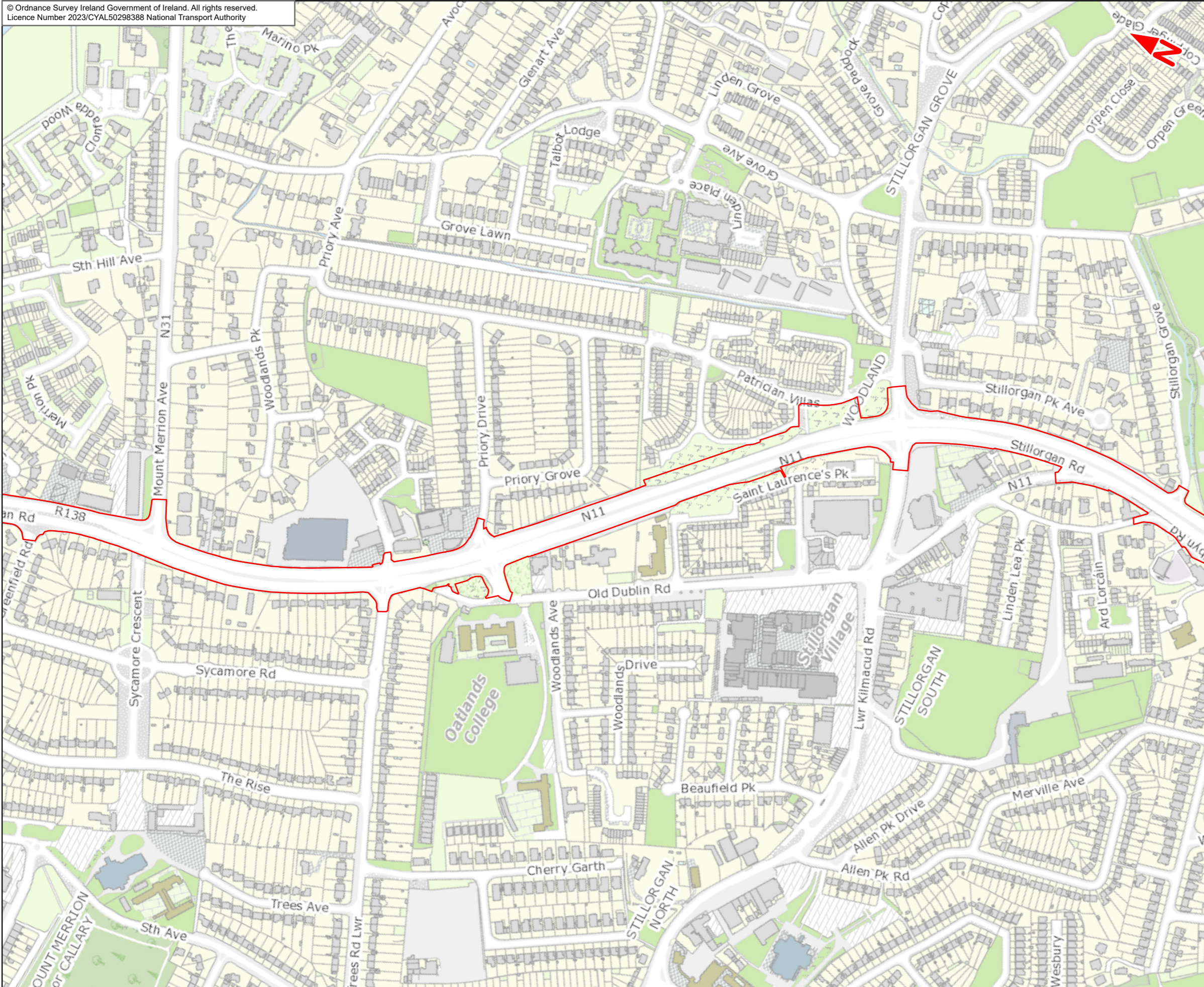
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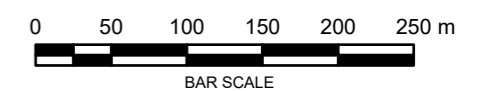
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 09/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0810	Sheet Number 4 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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NTA
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Date: 09/05/2023
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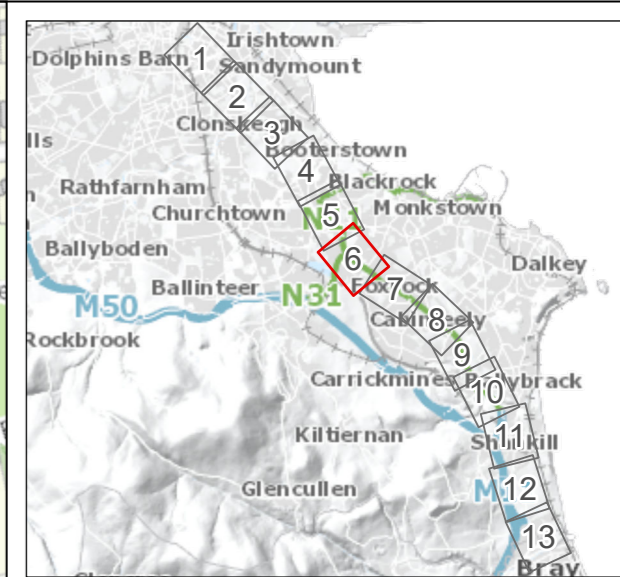
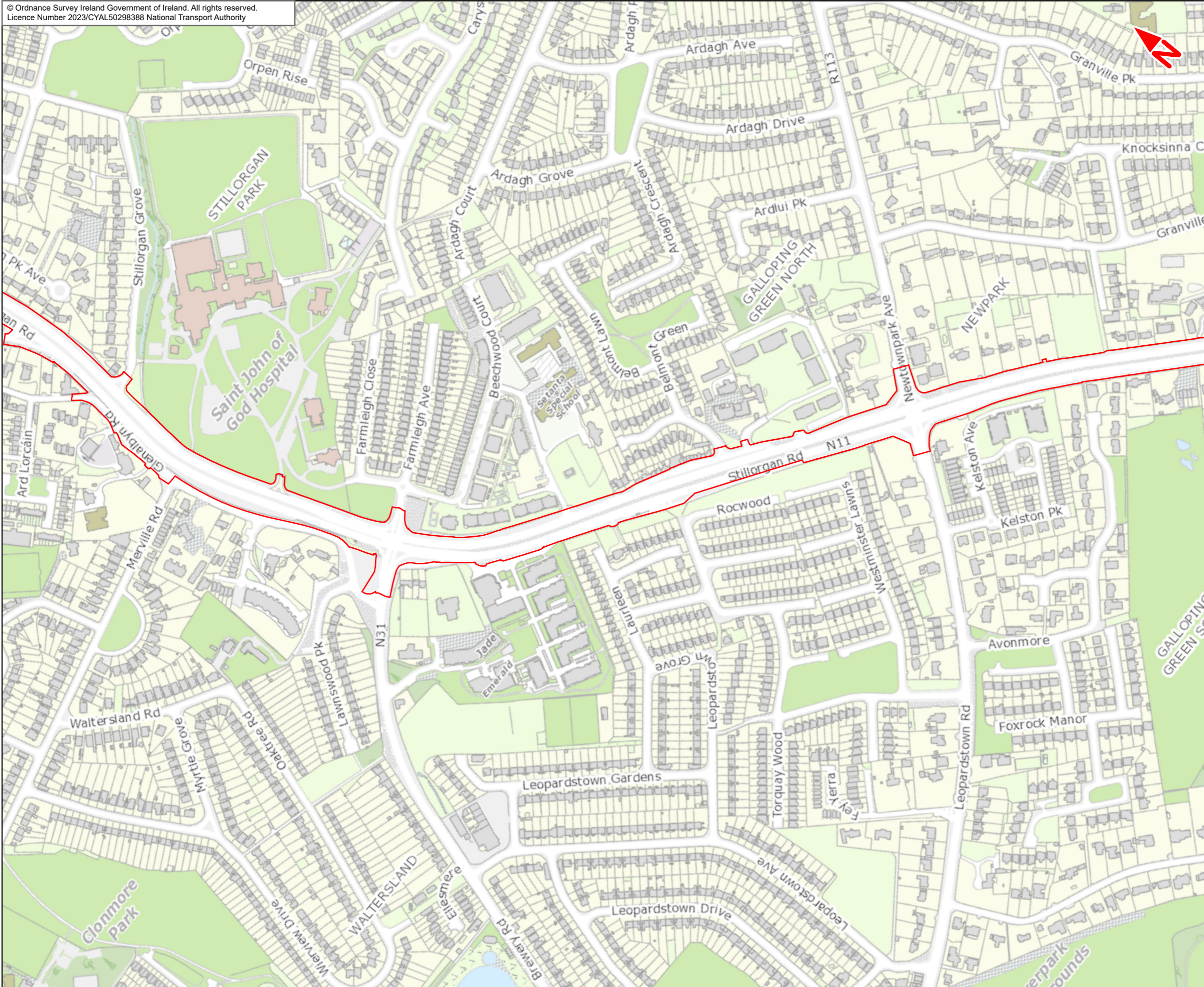
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 Originator Code: JAC

Consultant
JACOBS
ARUP SYSTRA

Drawn: EK
 Checked: PW
 Approved: DK

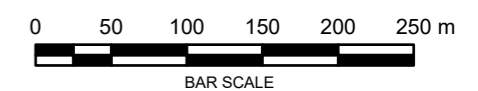
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name BCIDE-JAC-ENV BD-0013_XX 00-DR-GG-0809	Sheet Number 5 of 13	Status A	Rev M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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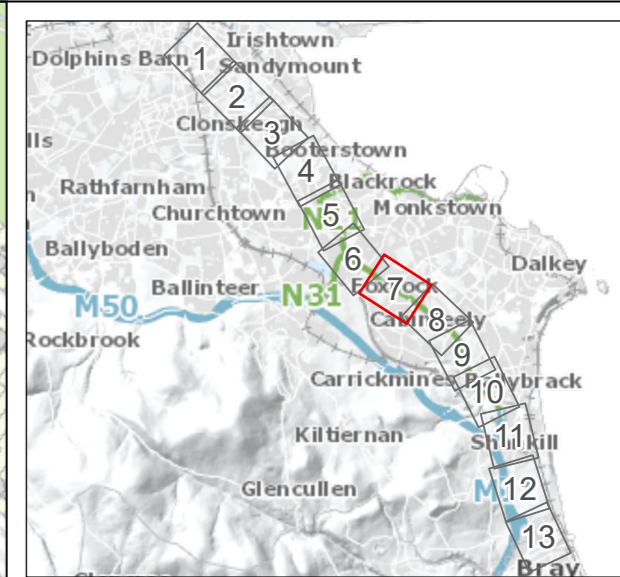
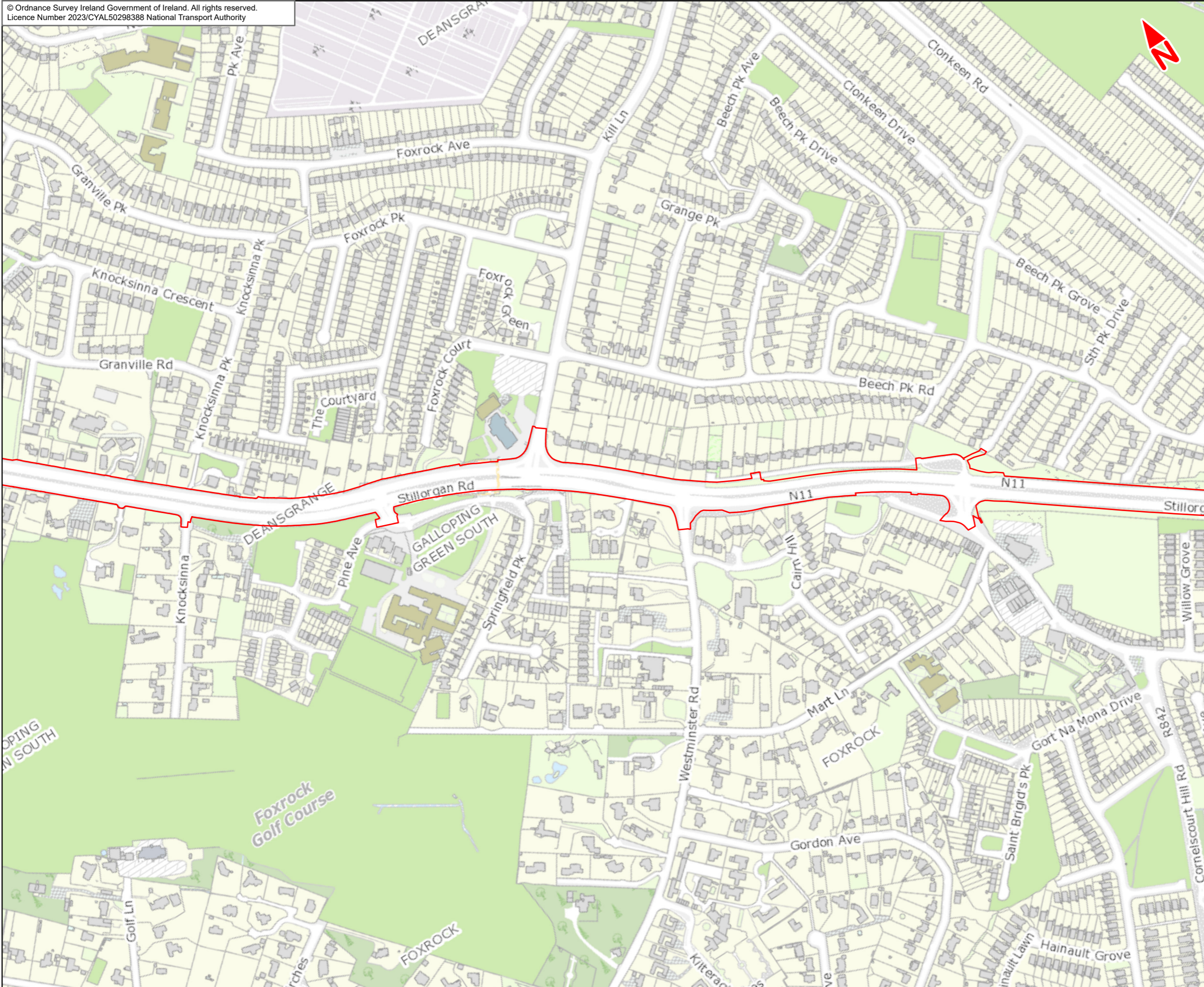
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 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant


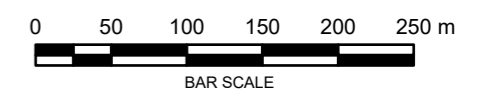
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0808	Sheet Number 6 of 13	Status A	Rev M01

Date 09/05/2023	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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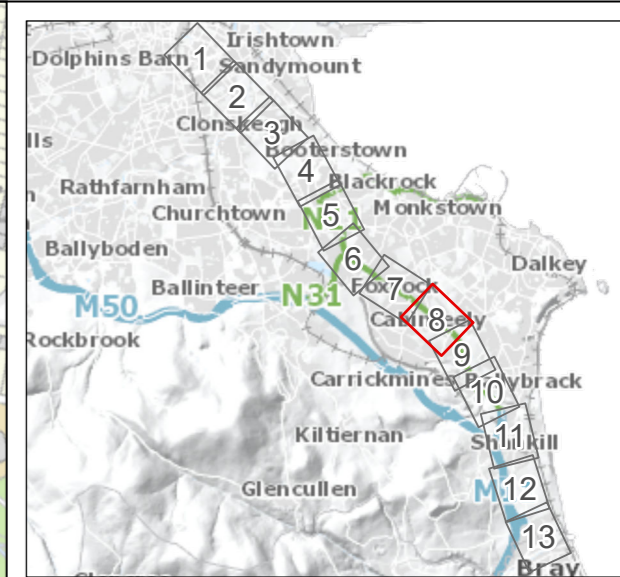
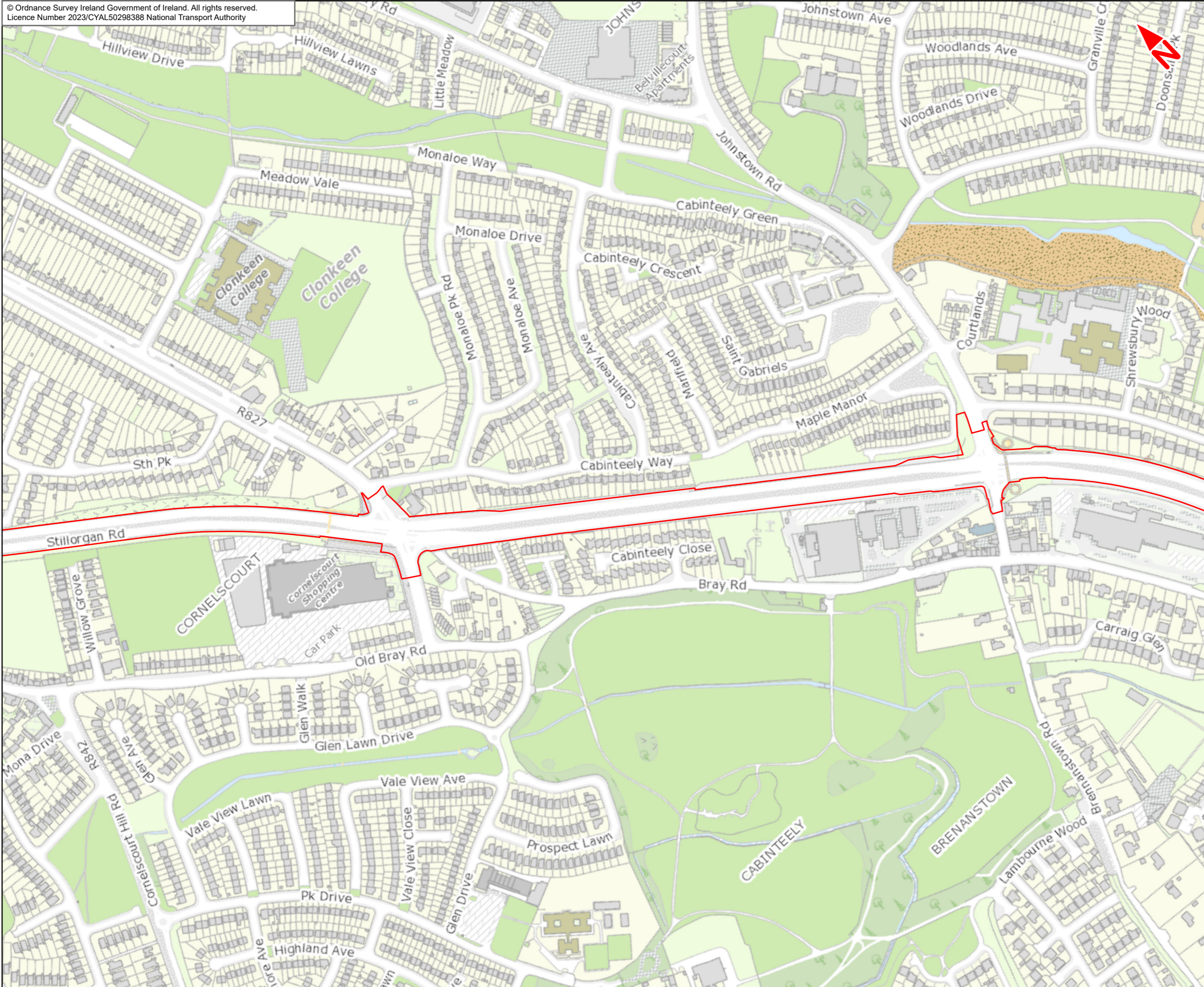
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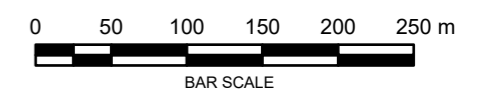
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0807	Sheet Number: 7 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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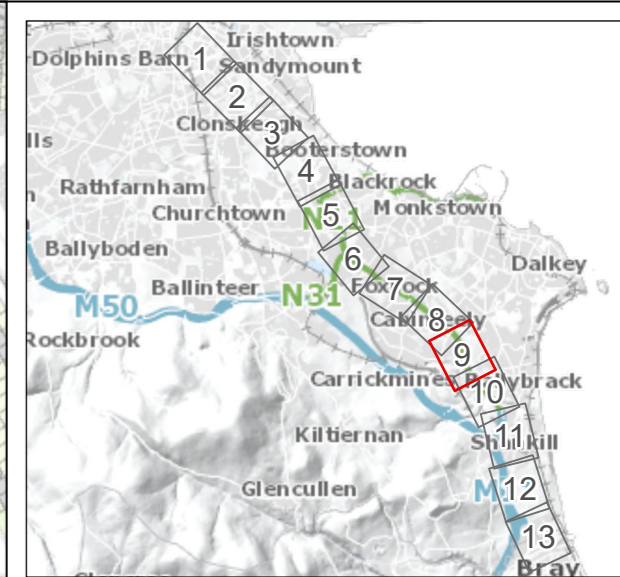
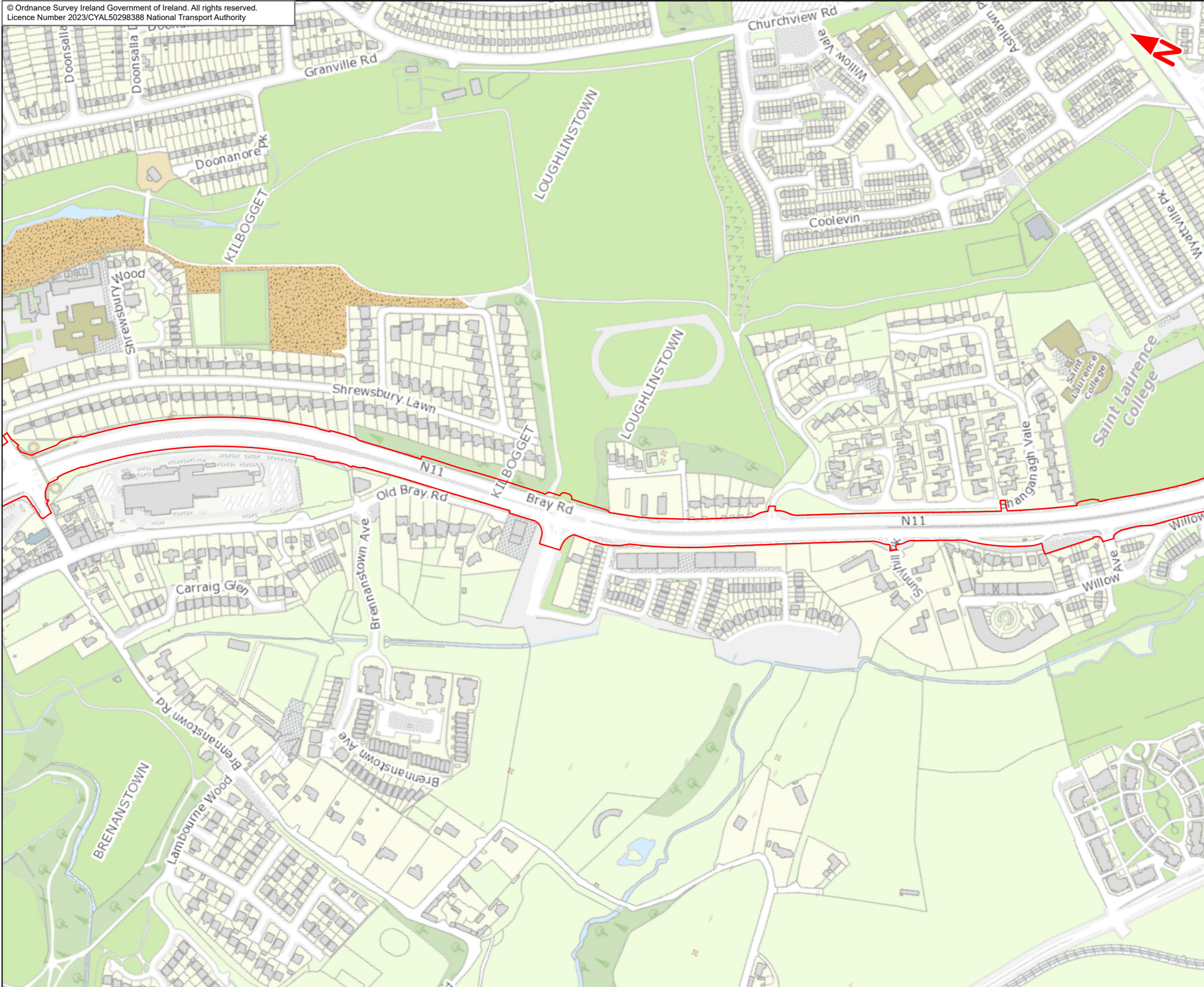
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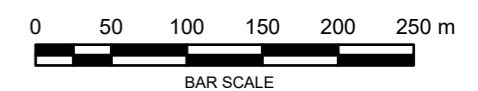
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Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0806	8 of 13	A	M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

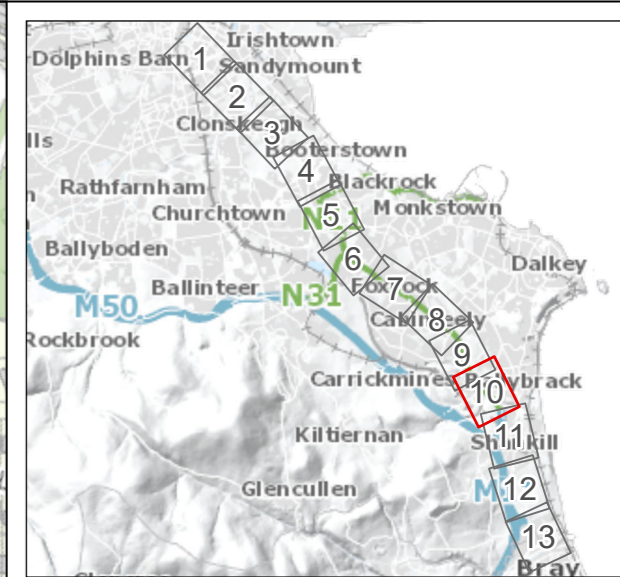
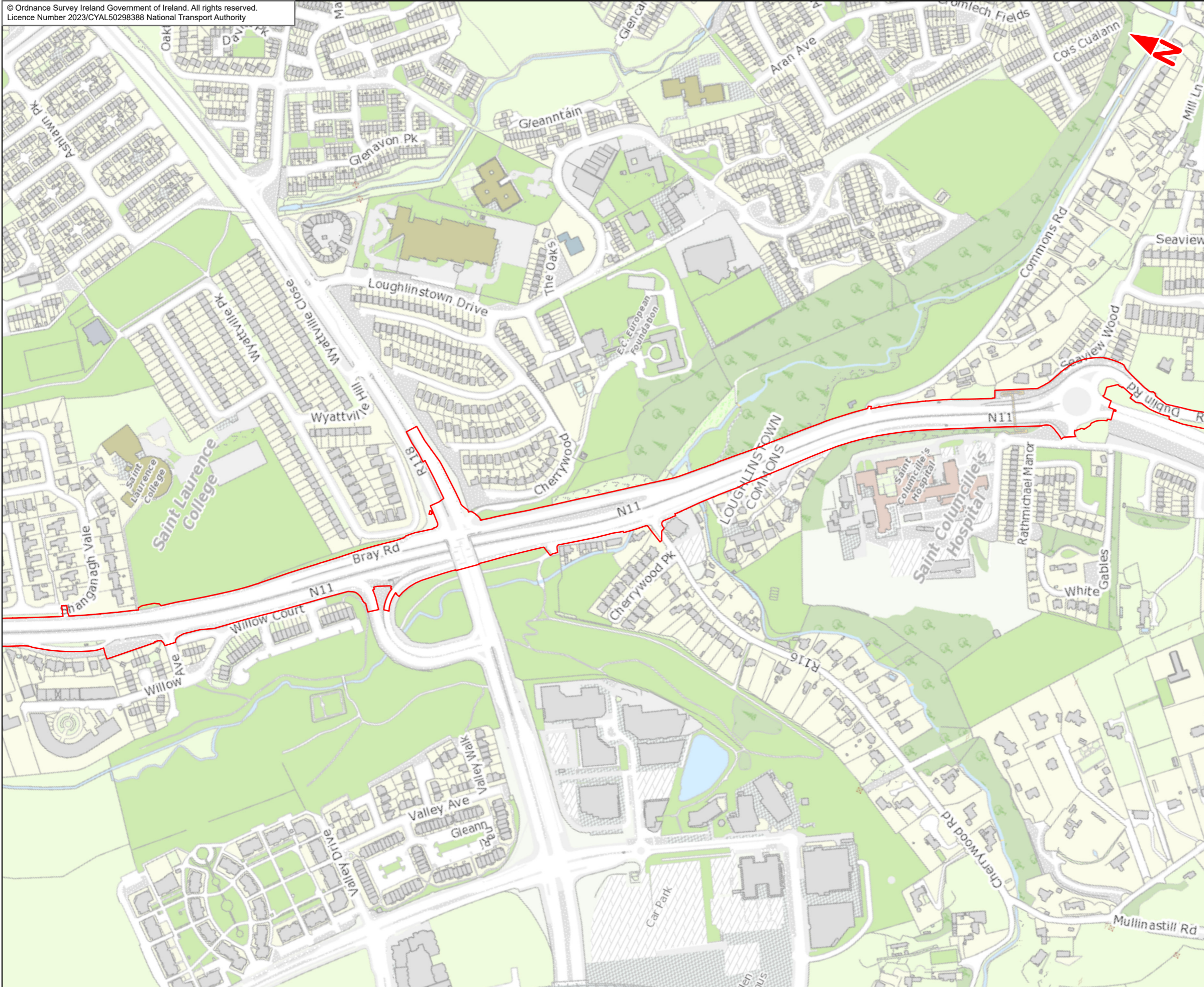
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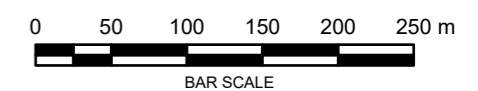
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0805	Sheet Number: 9 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre
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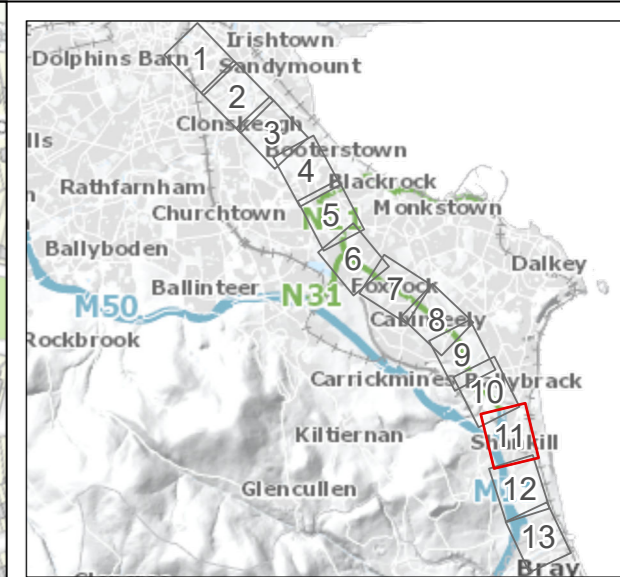
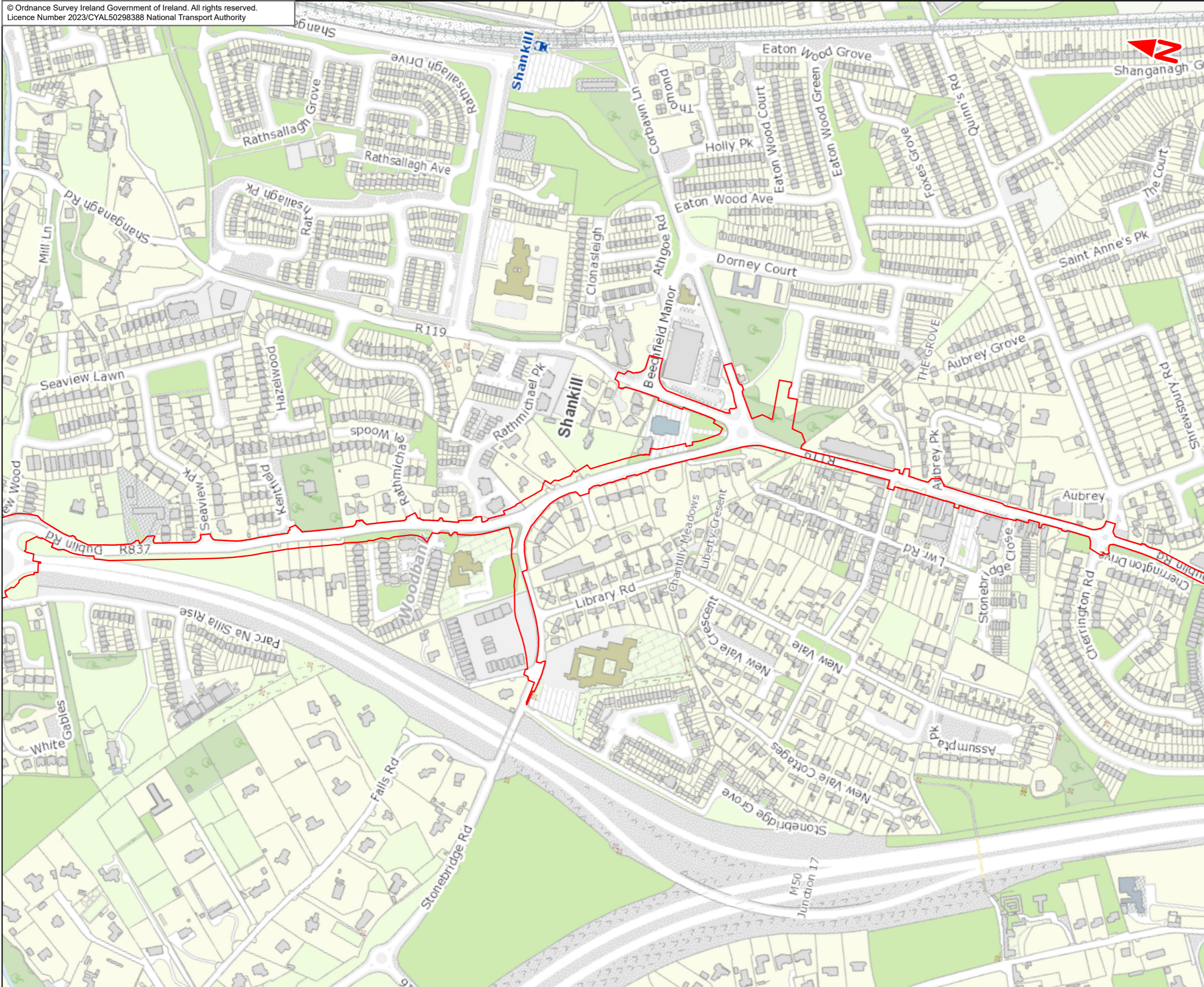
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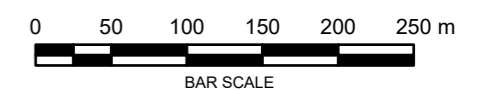
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Date 09/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0804	Sheet Number 10 of 13	Status A	Rev M01	



Legend :
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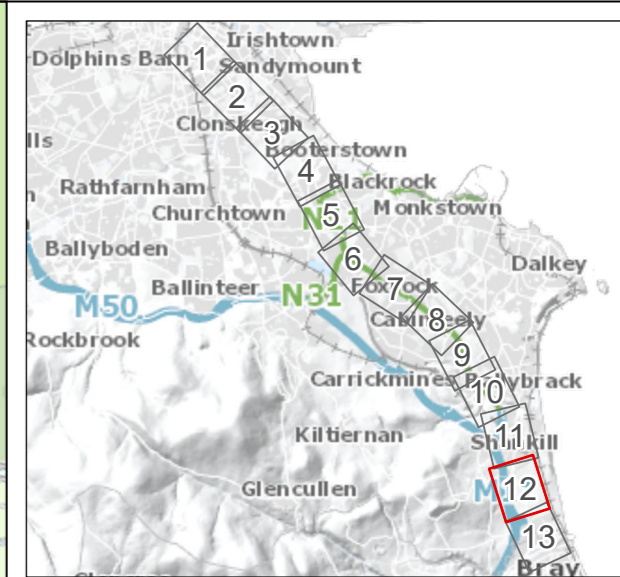
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M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4 : PLANNING

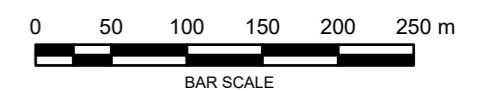
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 09/05/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0803	Sheet Number 11 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: **NTA**
 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 09/05/2023
 Scale @ A3: 1:5 000

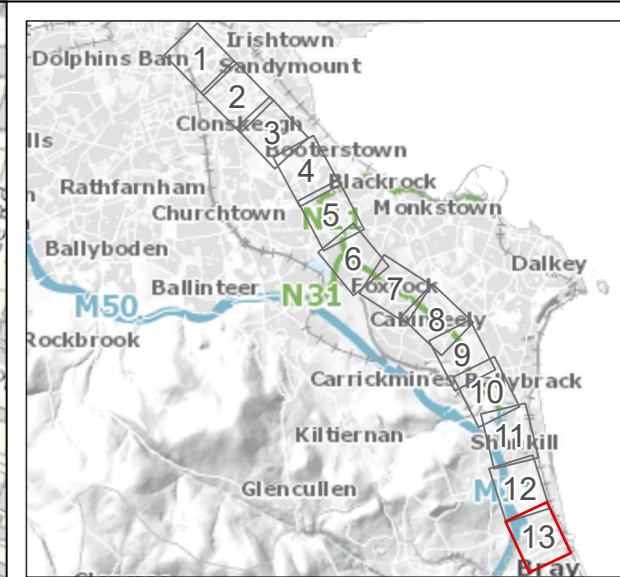
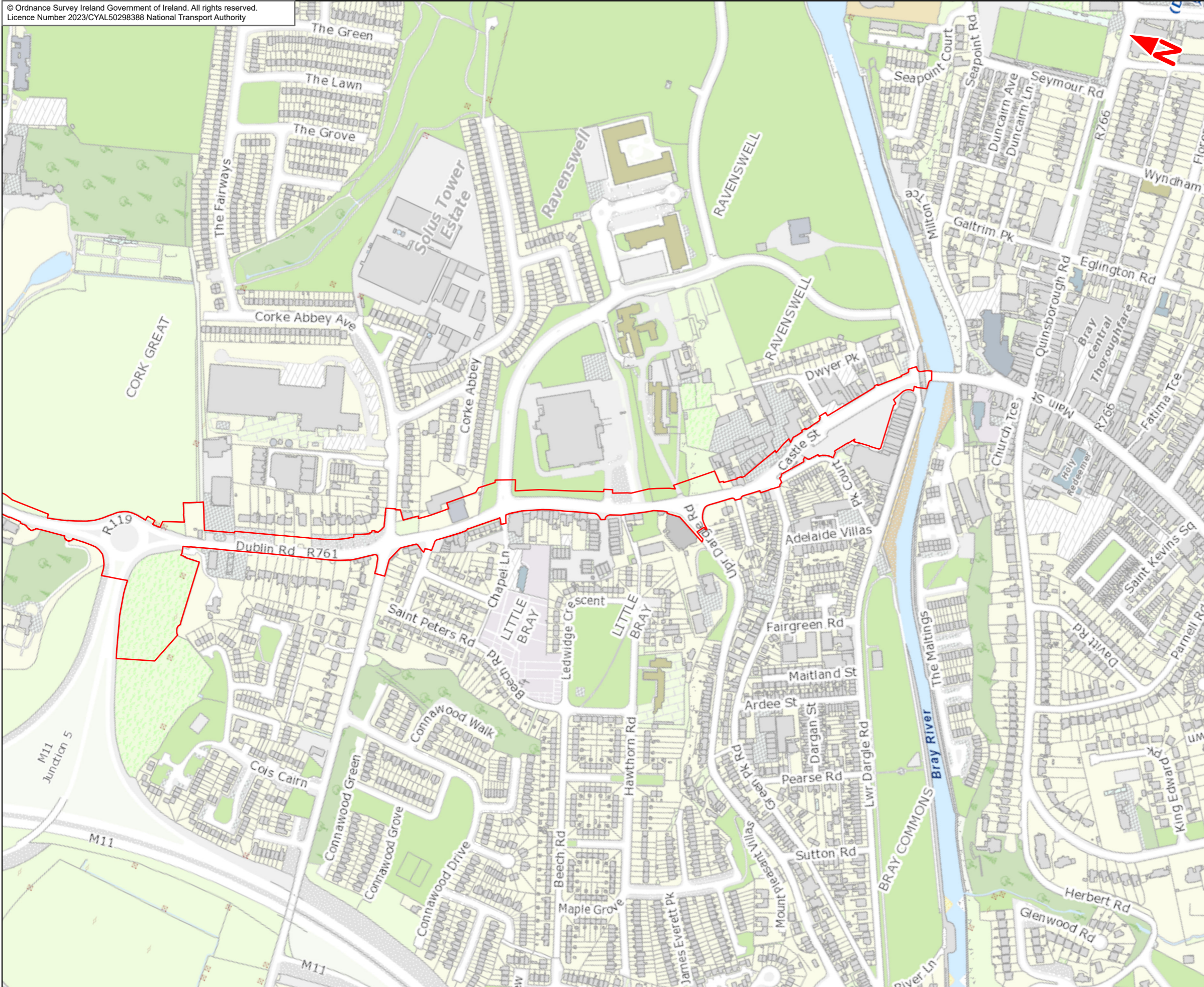
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 Originator Code: JAC

Drawn: EK
 Checked: PW
 Approved: DK

QMS Code:

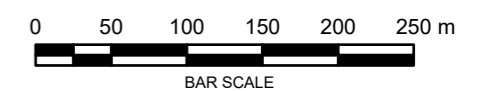
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0802	Sheet Number: 12 of 13	Status: A	Rev: M01





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: 09/05/2023
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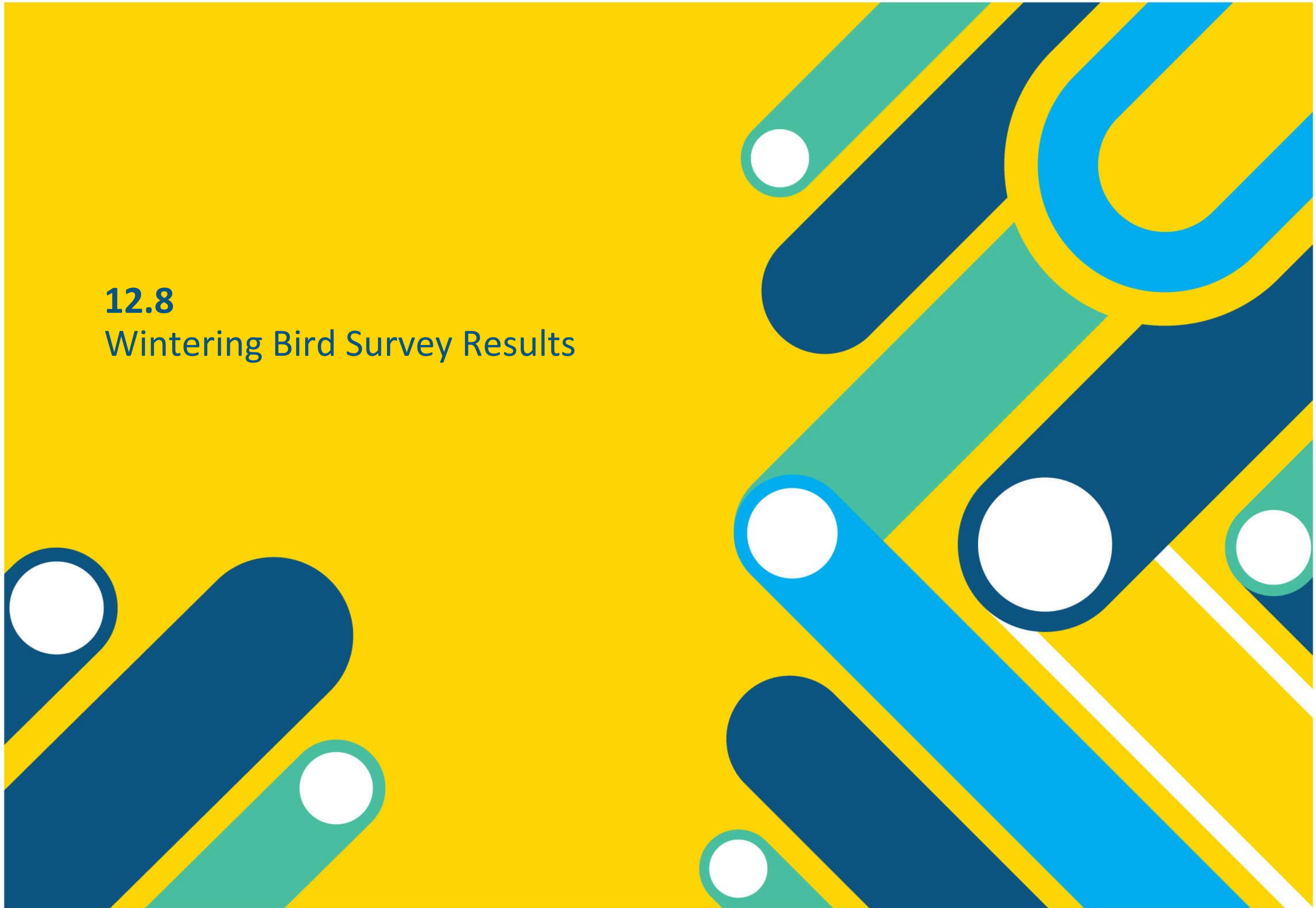
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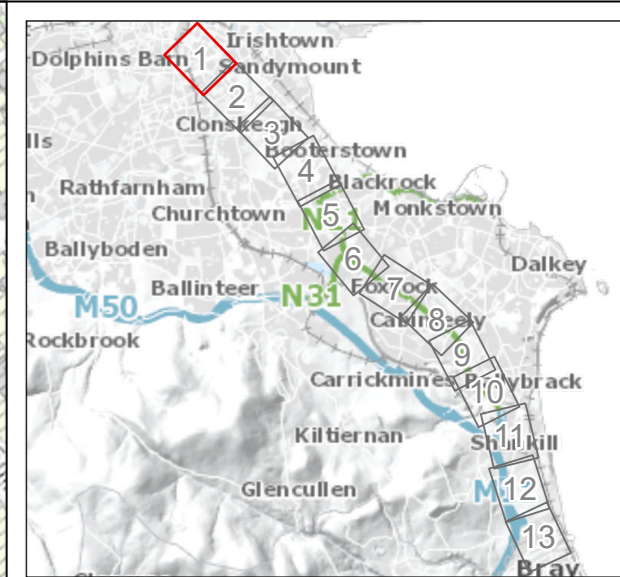
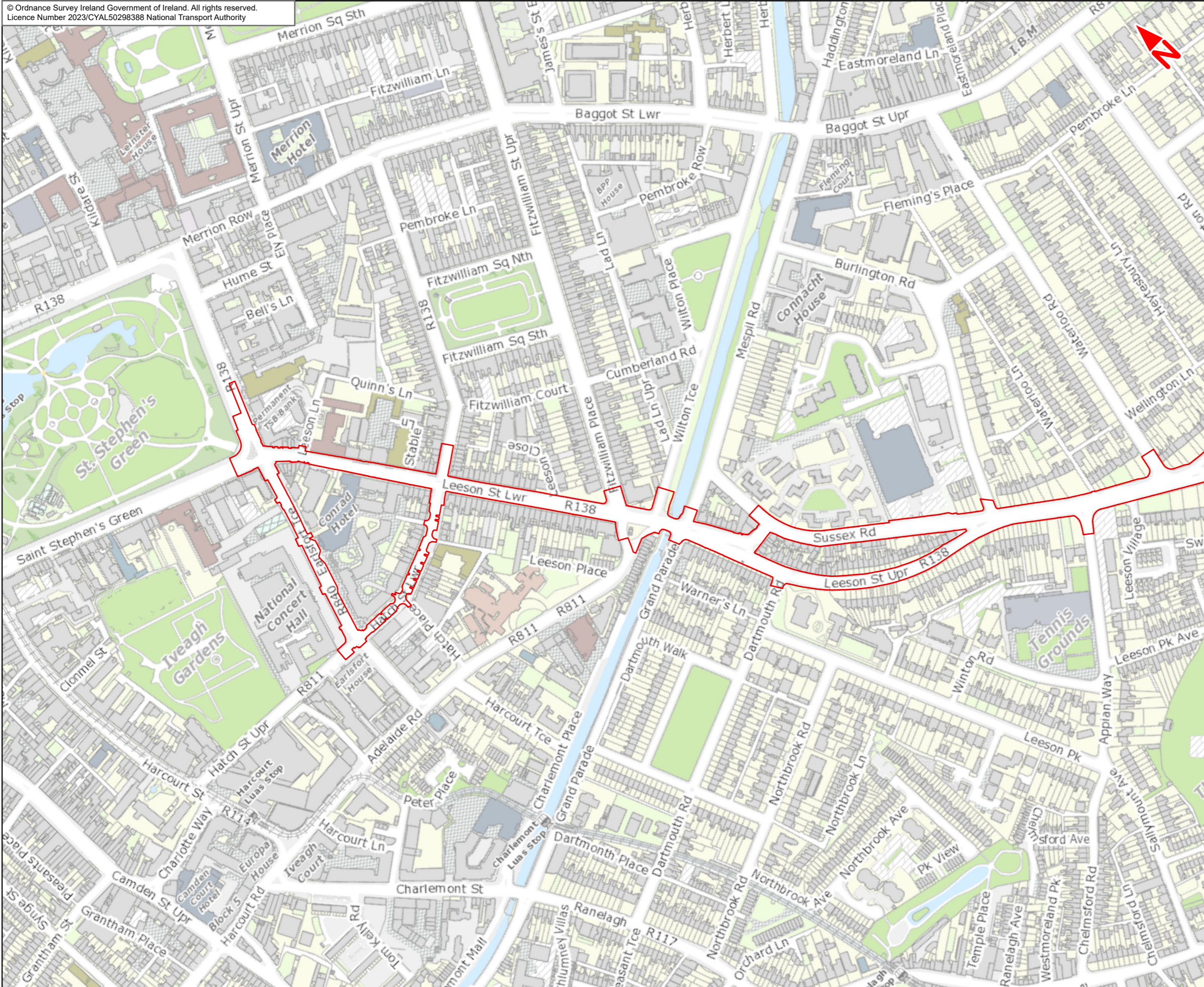
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Approved: DK

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.7.3 Mammal, Aquatic, and Riparian Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0801	Sheet Number: 13 of 13	Status: A	Rev: M01

12.8

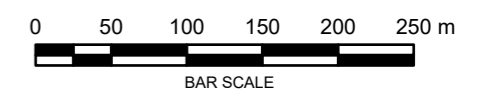
Wintering Bird Survey Results





Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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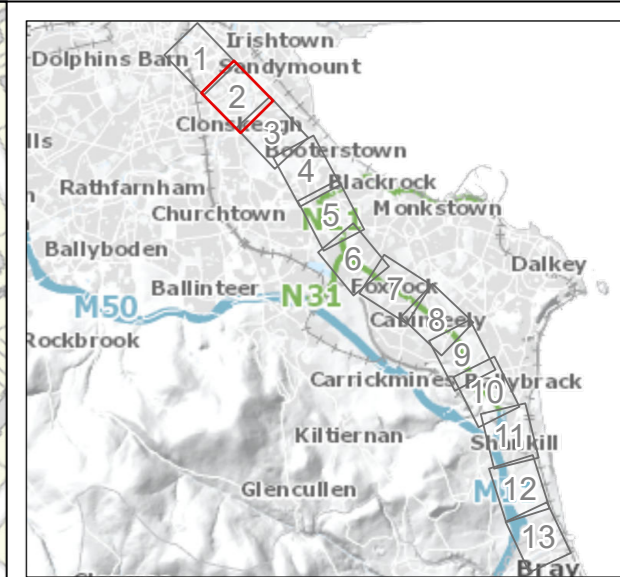
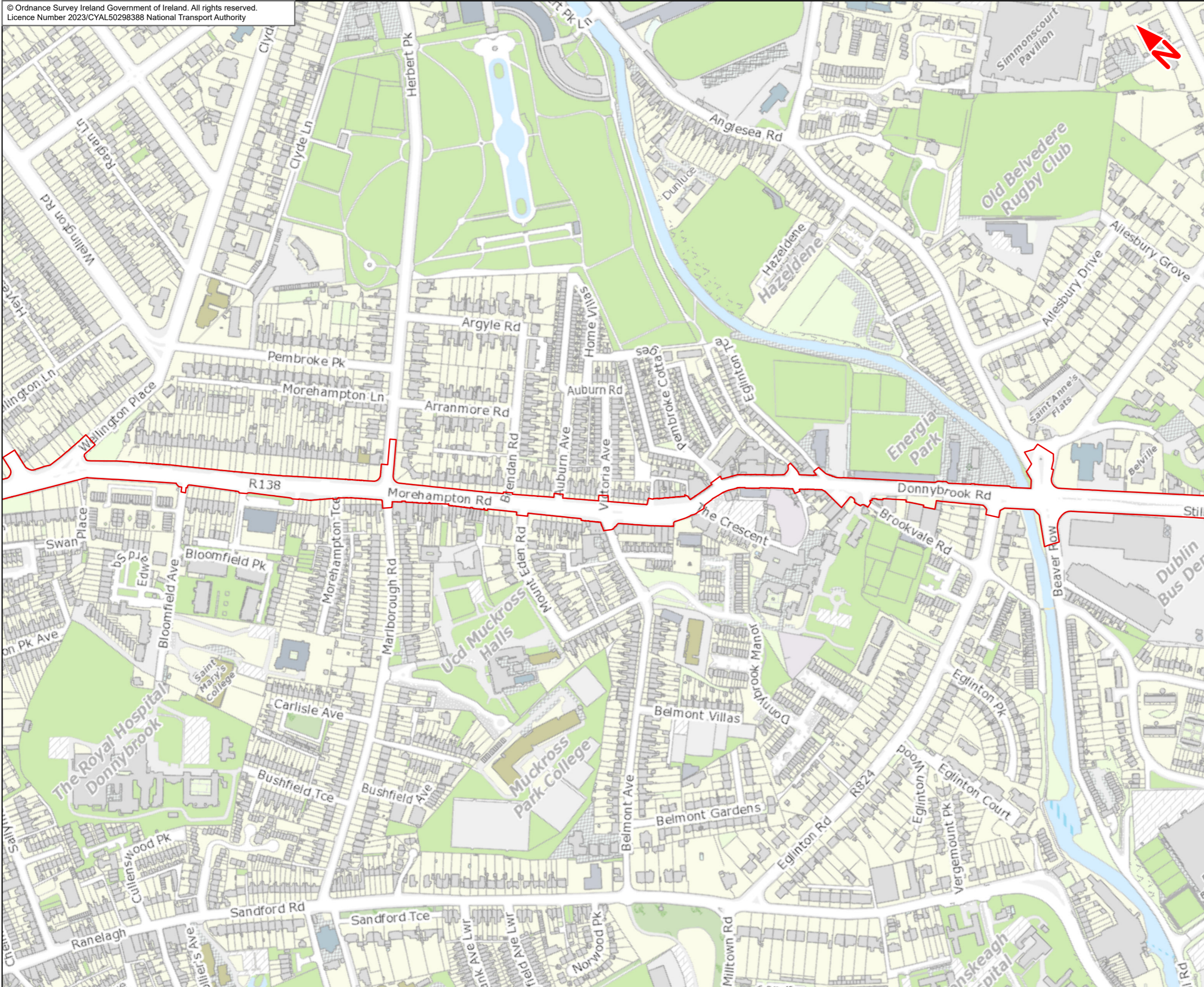
Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

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

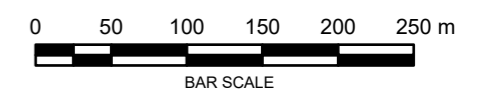
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results			
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0613	Sheet Number: 1 of 13	Status: A	Rev: M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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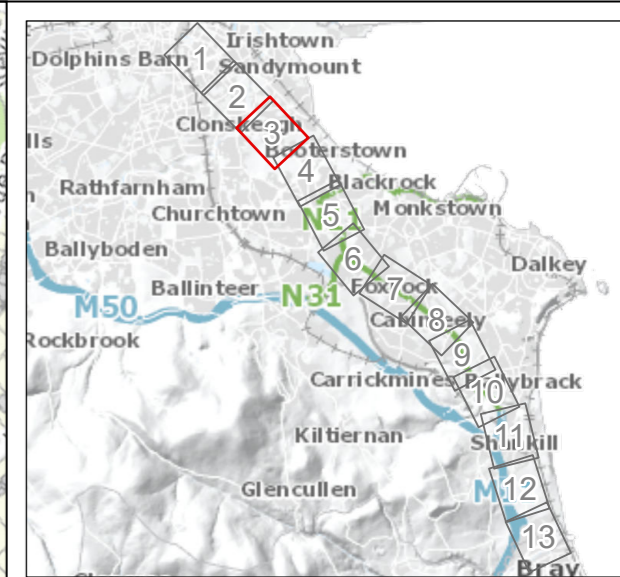
Rev	Date	Drn	Chk'd	App'd	Description
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Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

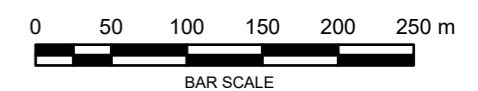
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Drawing Title: Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Winterring Bird Survey Results				
Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0612	Sheet Number: 2 of 13	Status: A	Rev: M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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Consultant
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ARUP SYSTRA

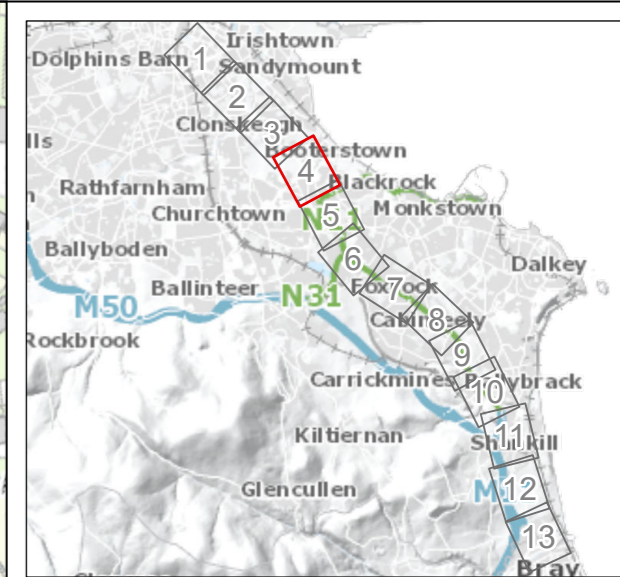
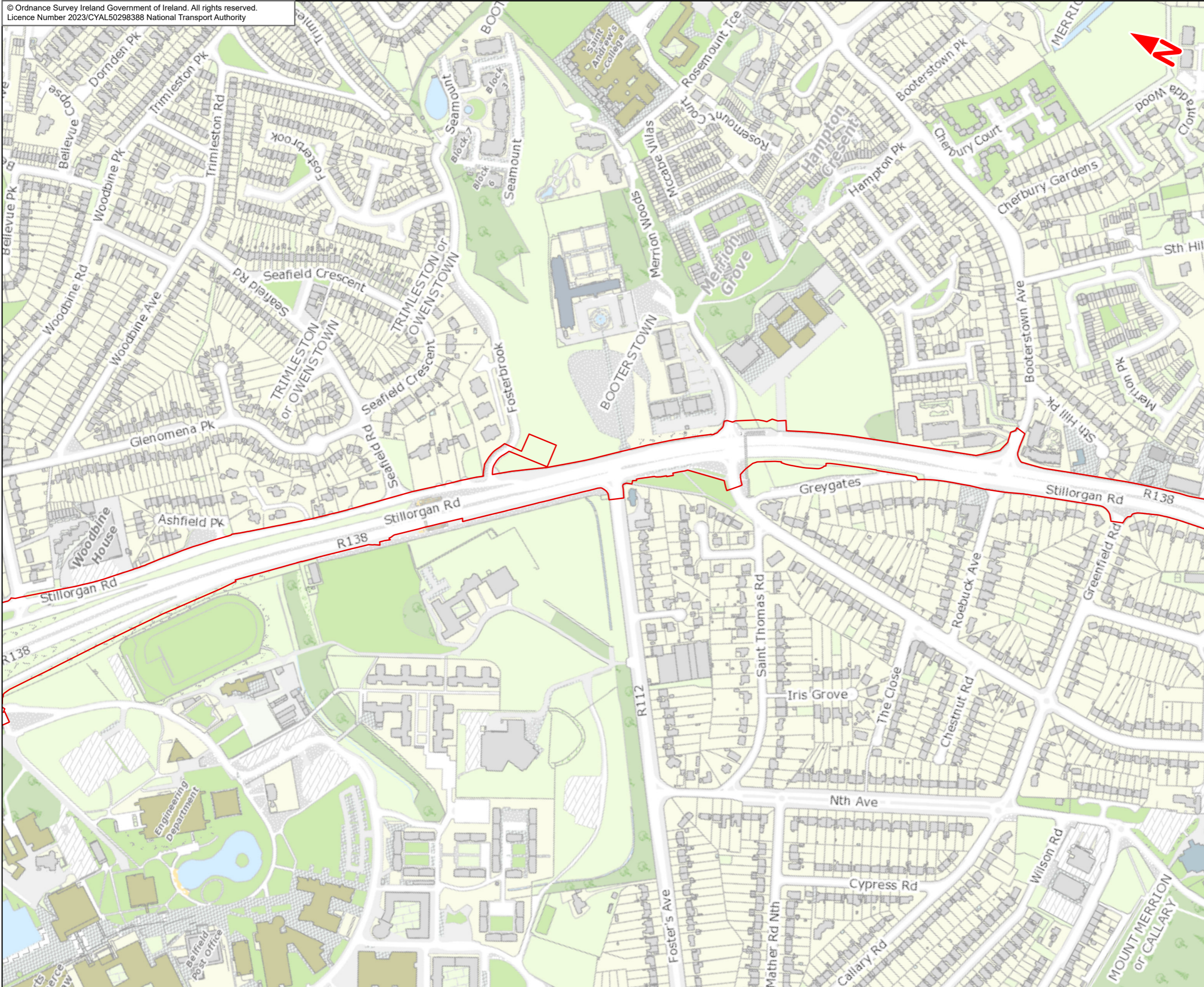
Programme Title
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CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 Bray to City Centre Core Bus Corridor Scheme
 Figure 12.8
 Wintering Bird Survey Results

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

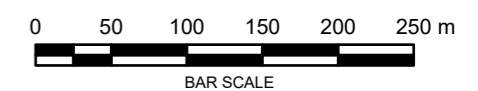
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 Approved: DK

Drawing File Name: BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0611
 Sheet Number: 3 of 13
 Status: A
 Rev: M01



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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

Date: 5/4/2023 Scale @ A3: 1:5 000
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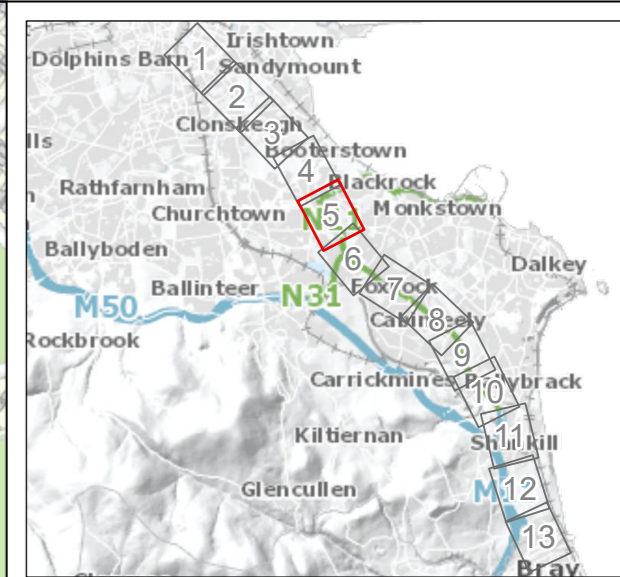
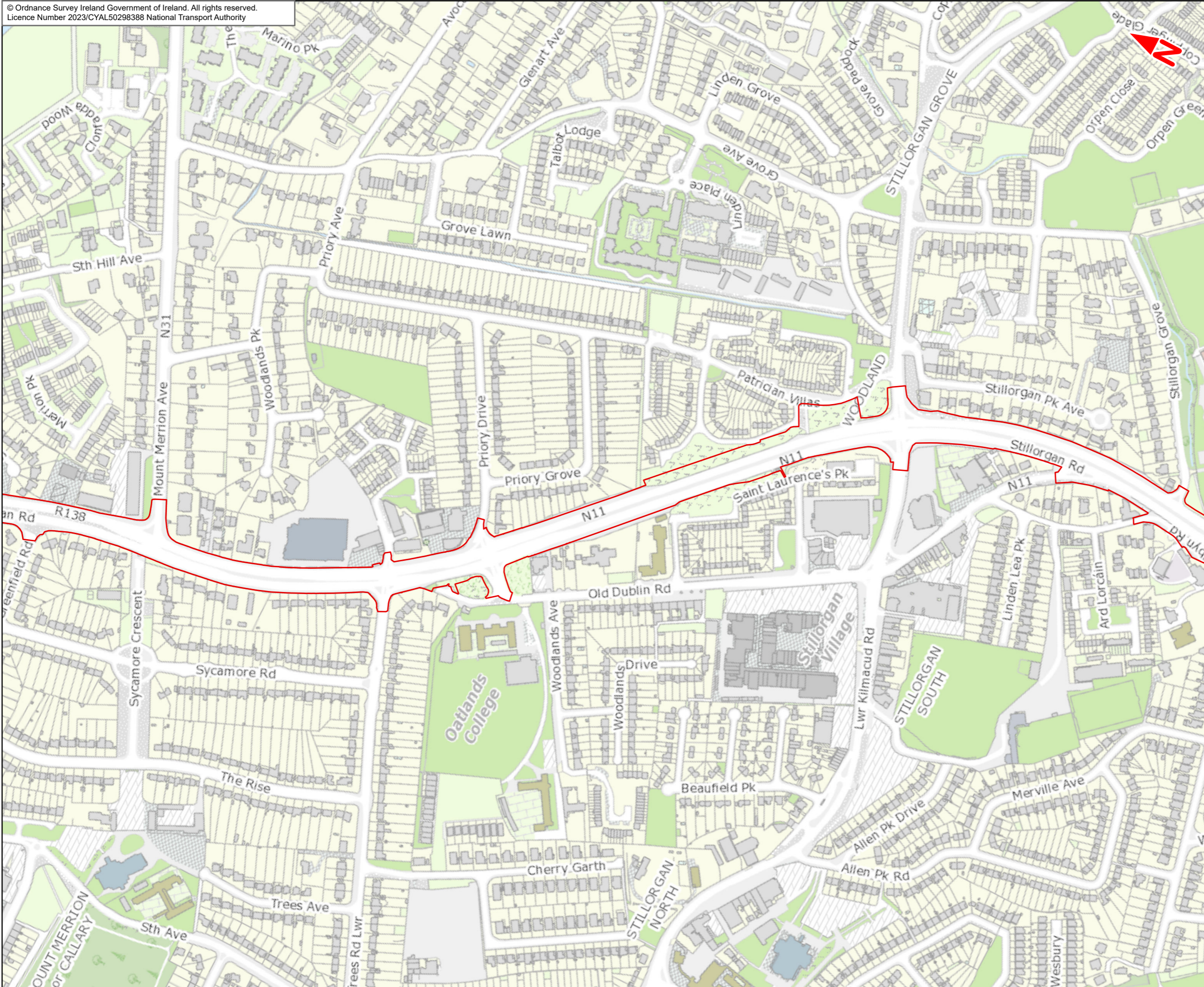
Consultant: **JACOBS ARUP SYSTRA**

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Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

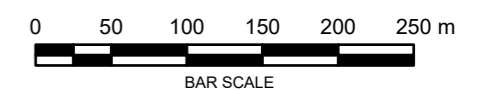
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 Figure 12.8
 Wintering Bird Survey Results

Drawing File Name: BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0610
 Sheet Number: 4 of 13
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Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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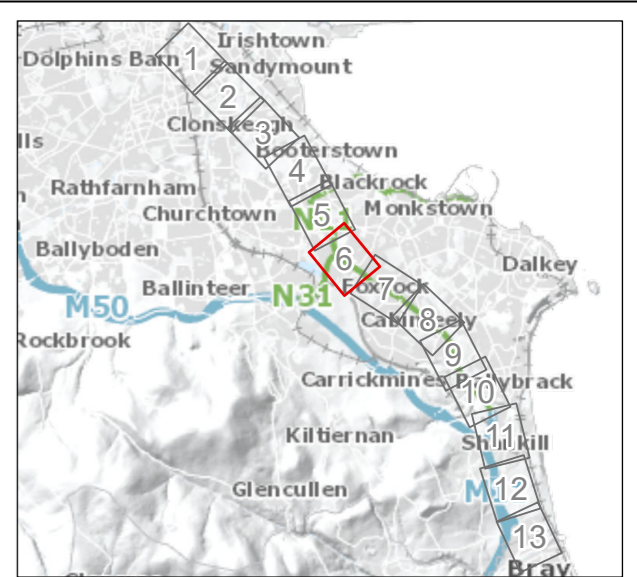
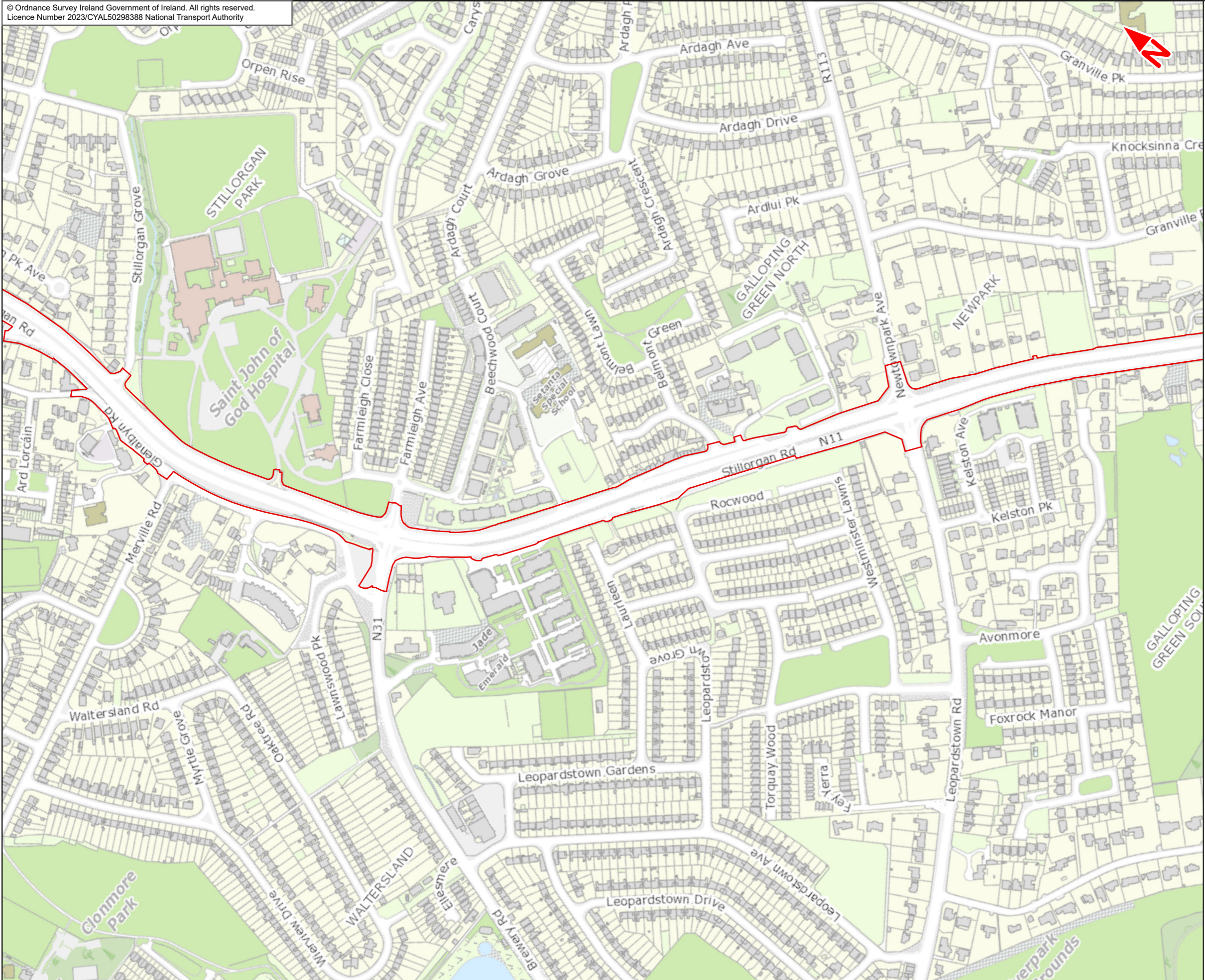
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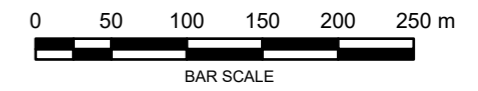
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0609	Sheet Number 5 of 13	Status A	Rev M01	

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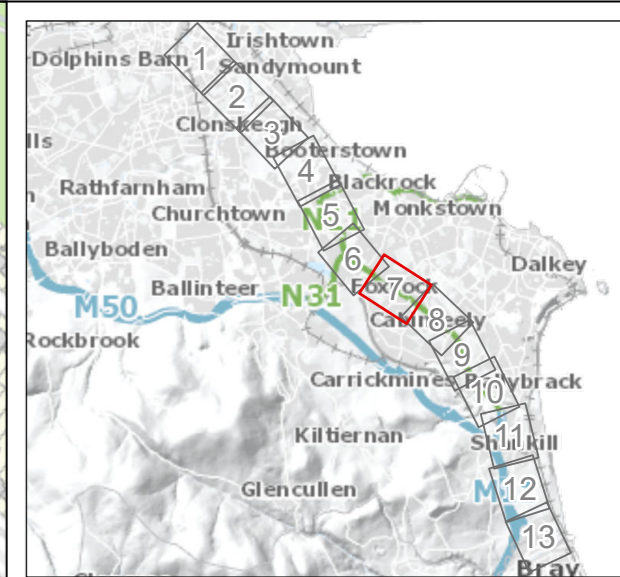
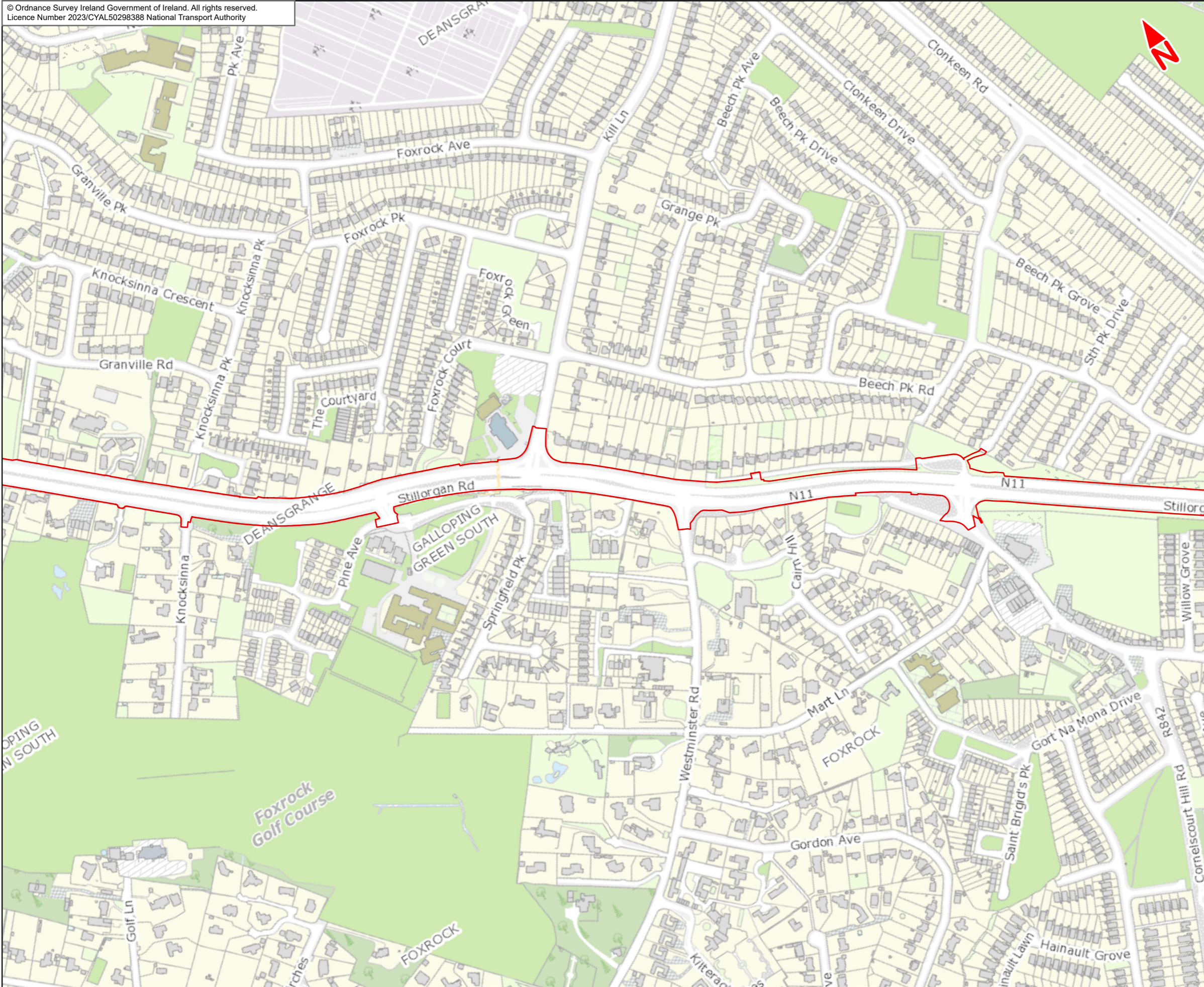
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

Client

 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant


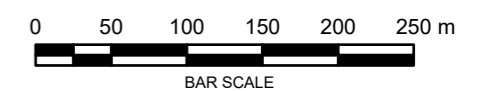
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0608	Sheet Number 6 of 13	Status A	Rev M01	

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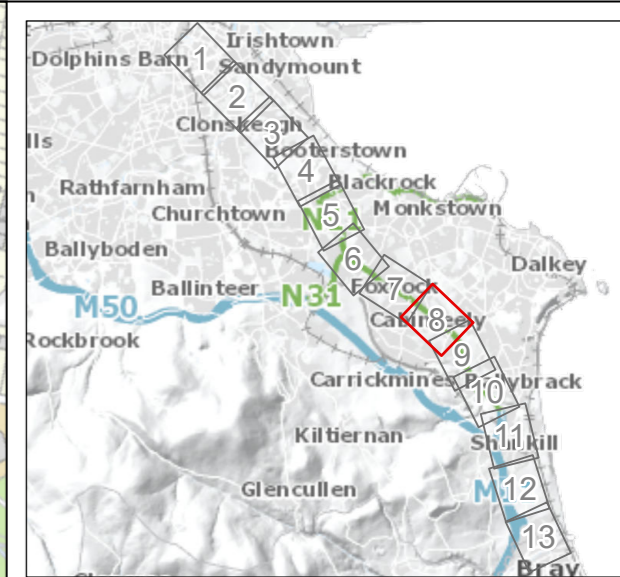
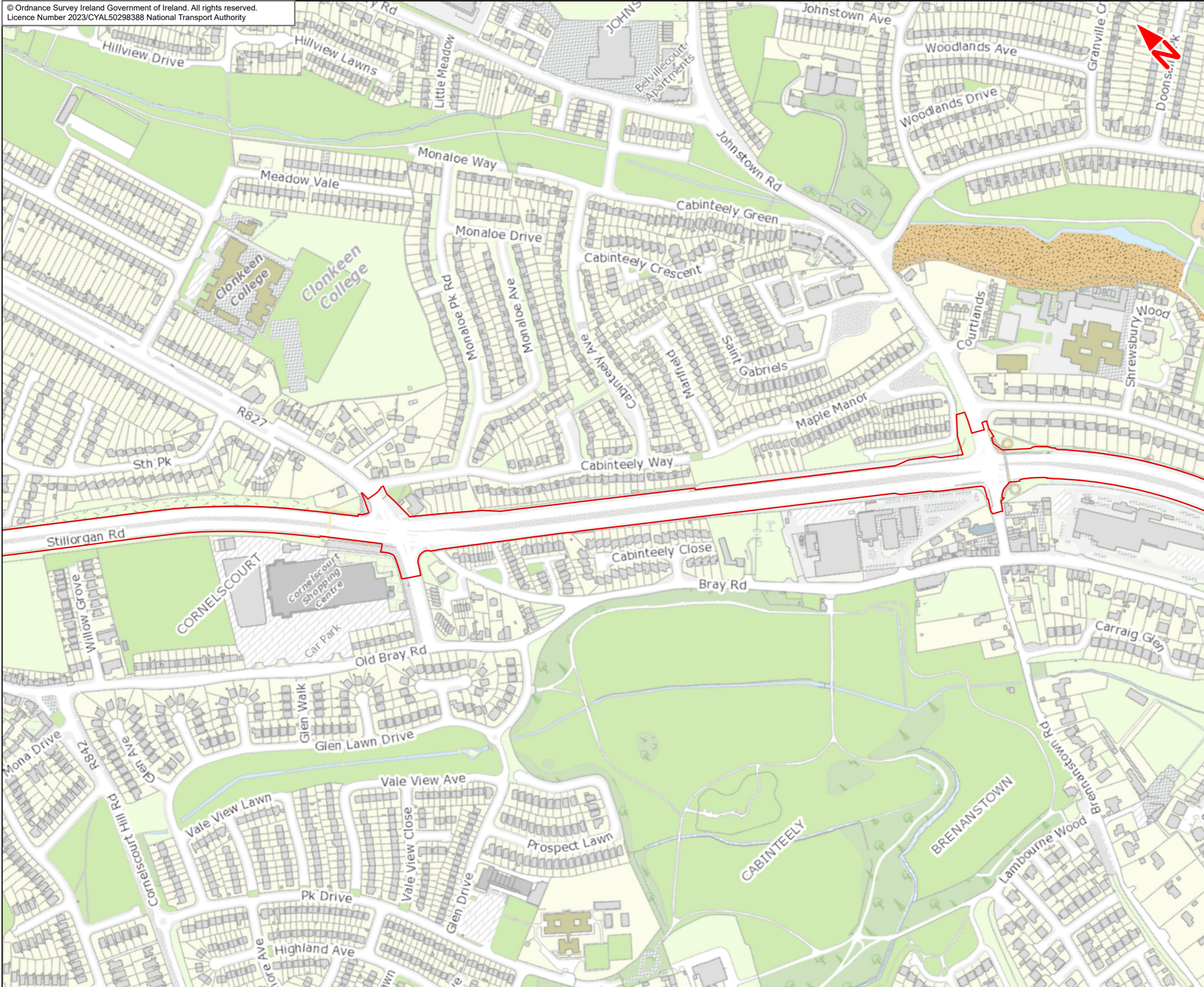
Rev	Date	Drn	Chk'd	App'd	Description
M01	May 2023	EK	PW	DK	ISSUE FOR PHASE 4: PLANNING

Client

 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant


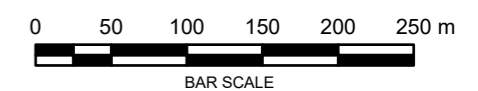
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0607	Sheet Number 7 of 13	Status A	Rev M01	

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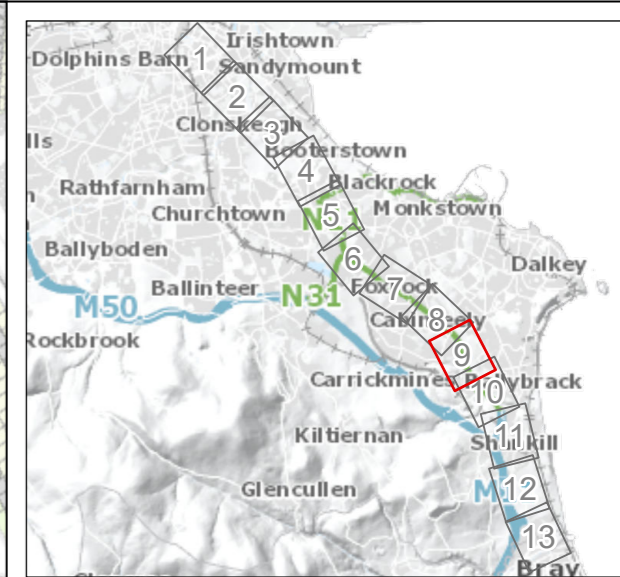
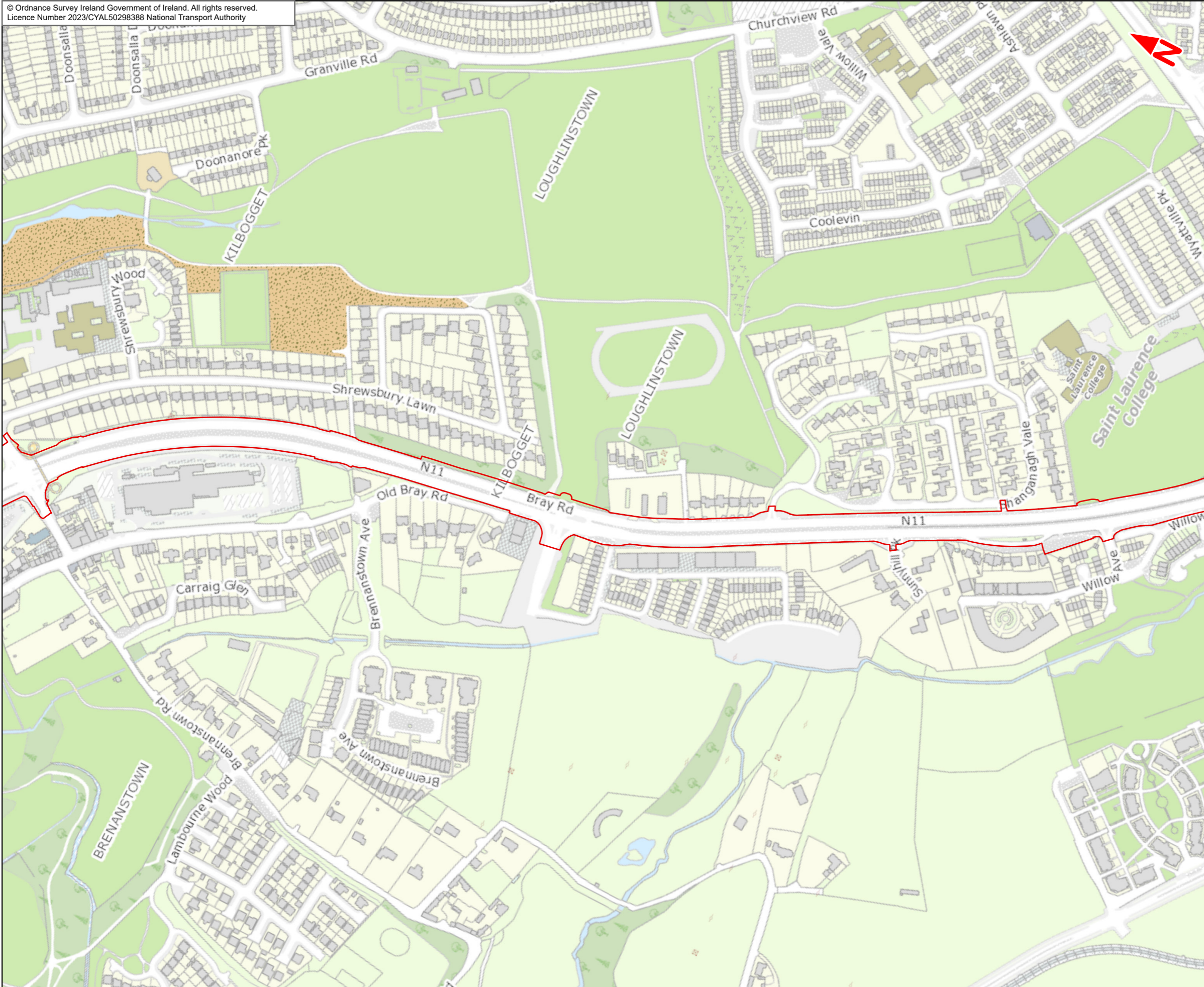
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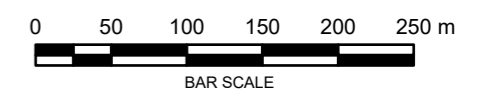
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0606	Sheet Number 8 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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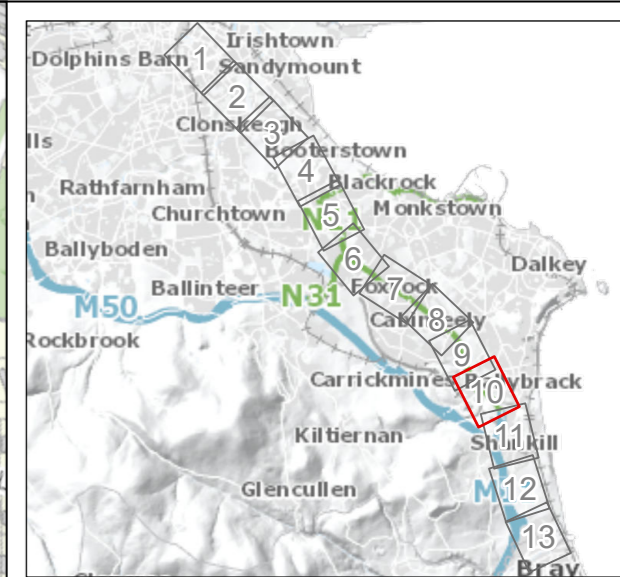
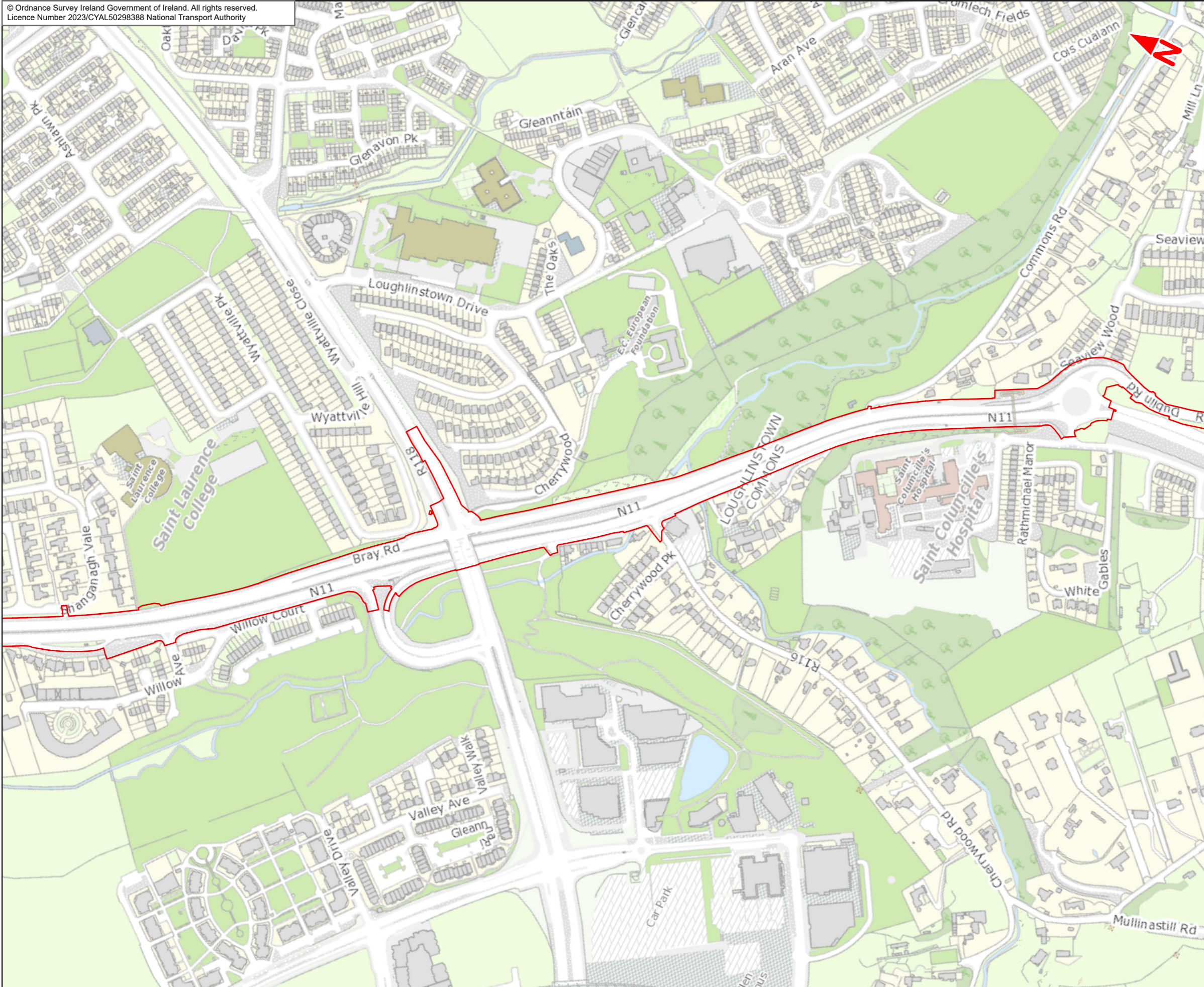
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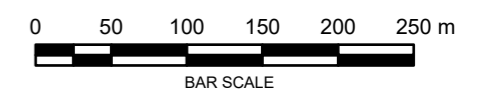
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0605	Sheet Number 9 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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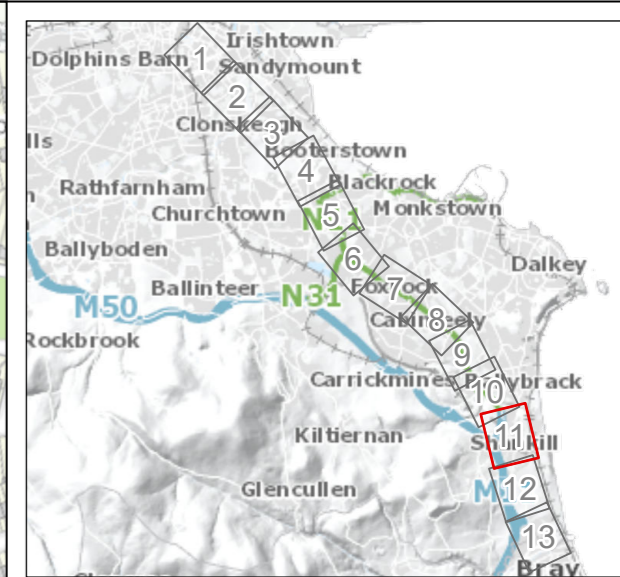
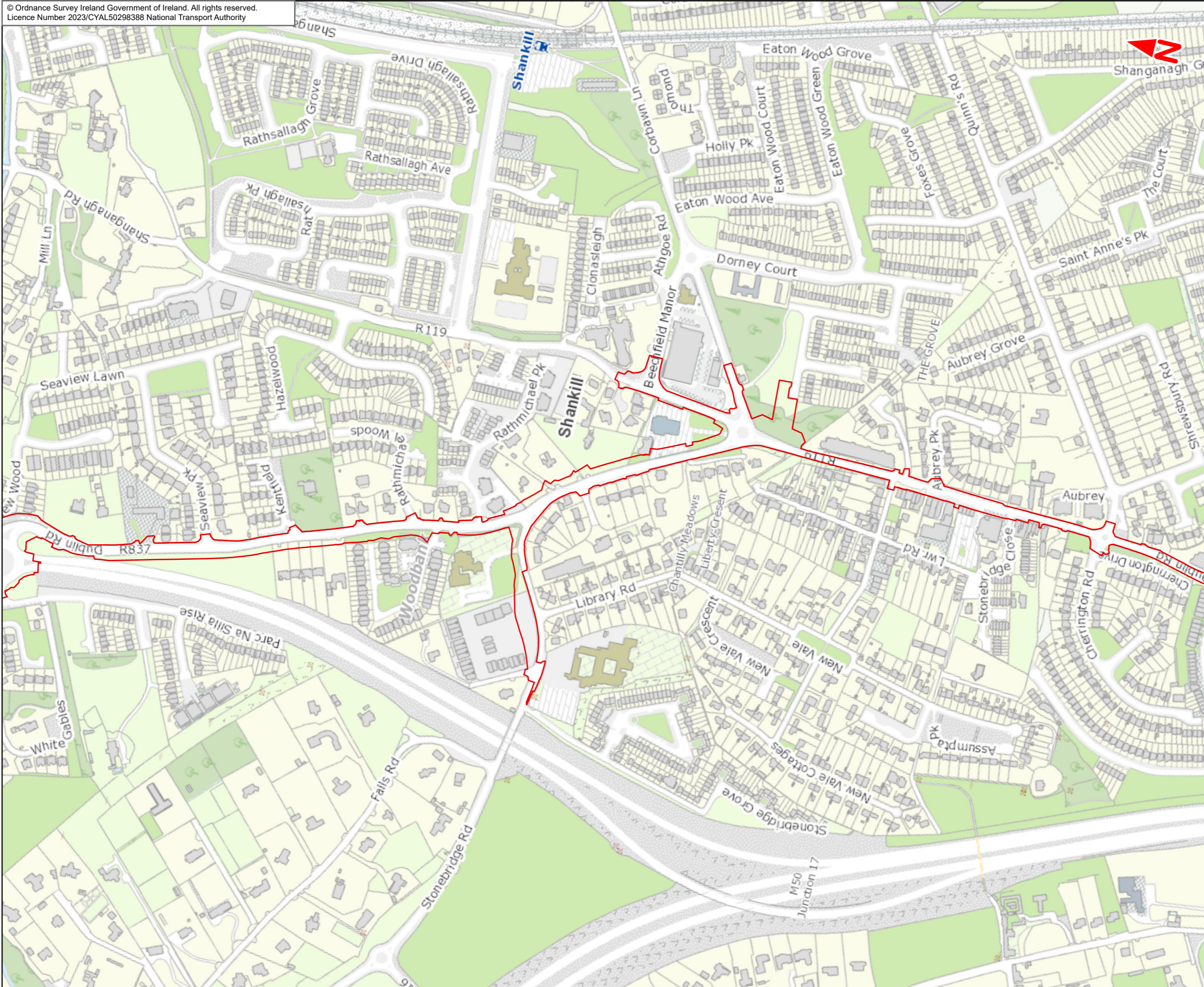
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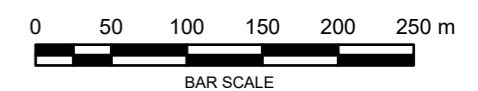
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0604	Sheet Number 10 of 13	Status A	Rev M01	



Legend :
 Bray to City Centre
 Core Bus Corridor Scheme

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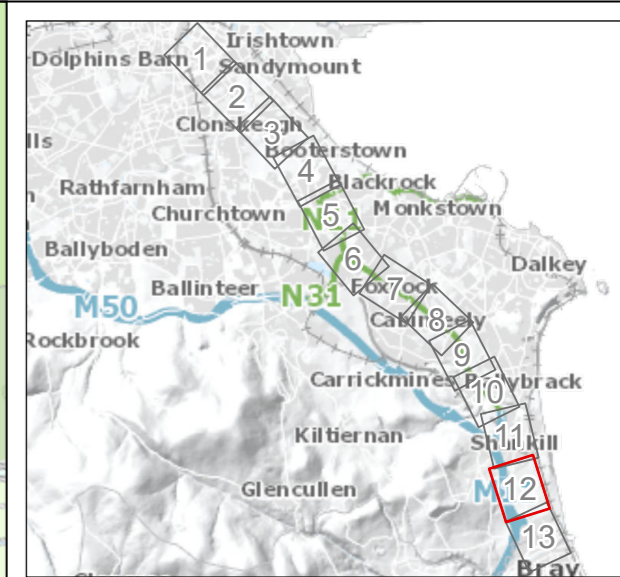
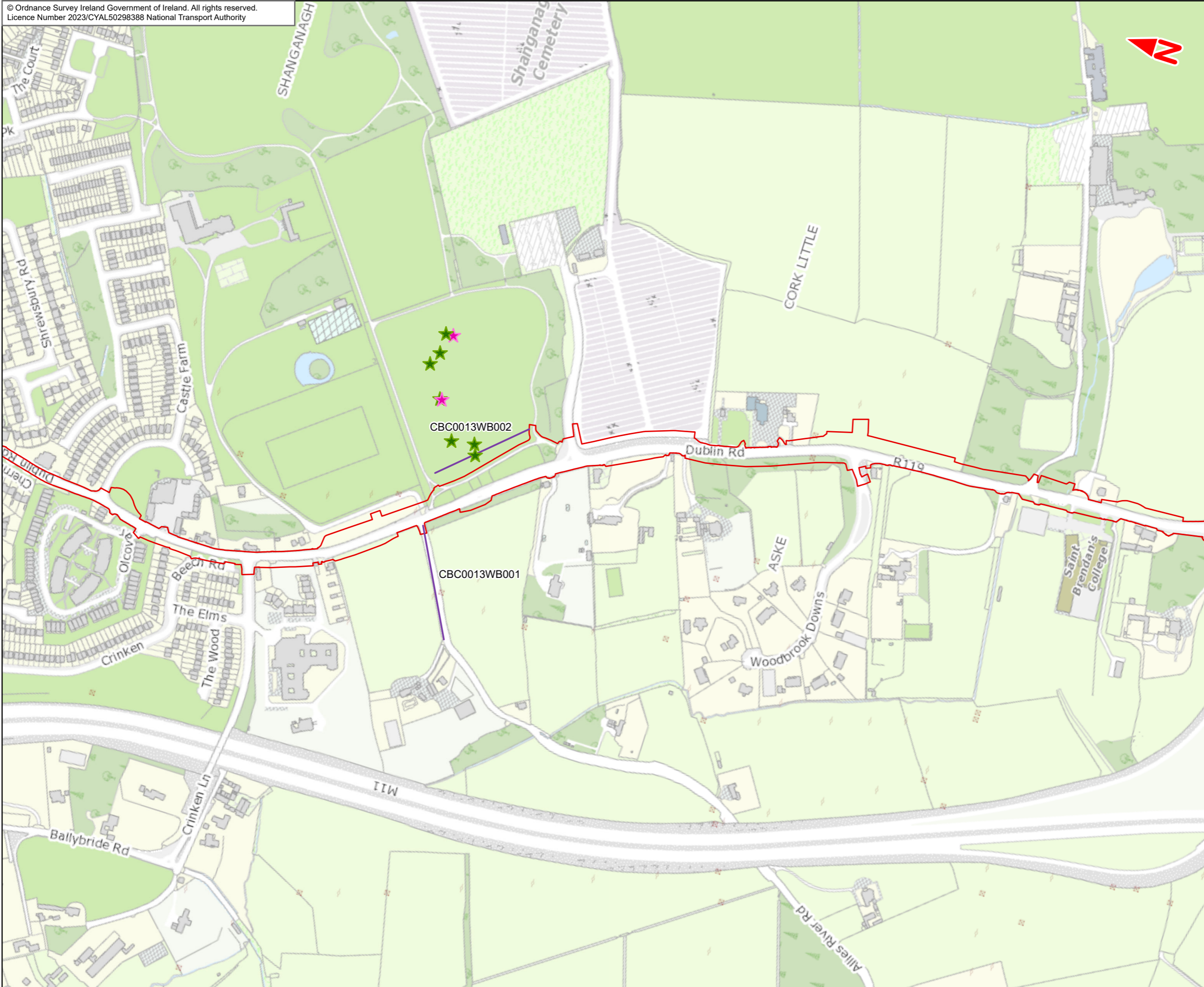
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Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

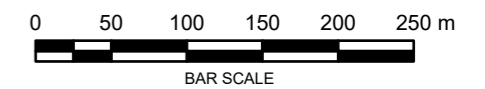
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Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0603	Sheet Number 11 of 13	Status A	Rev M01	



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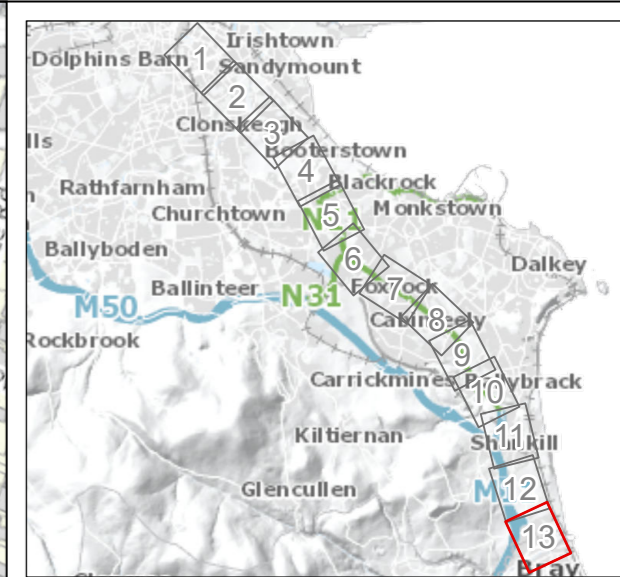
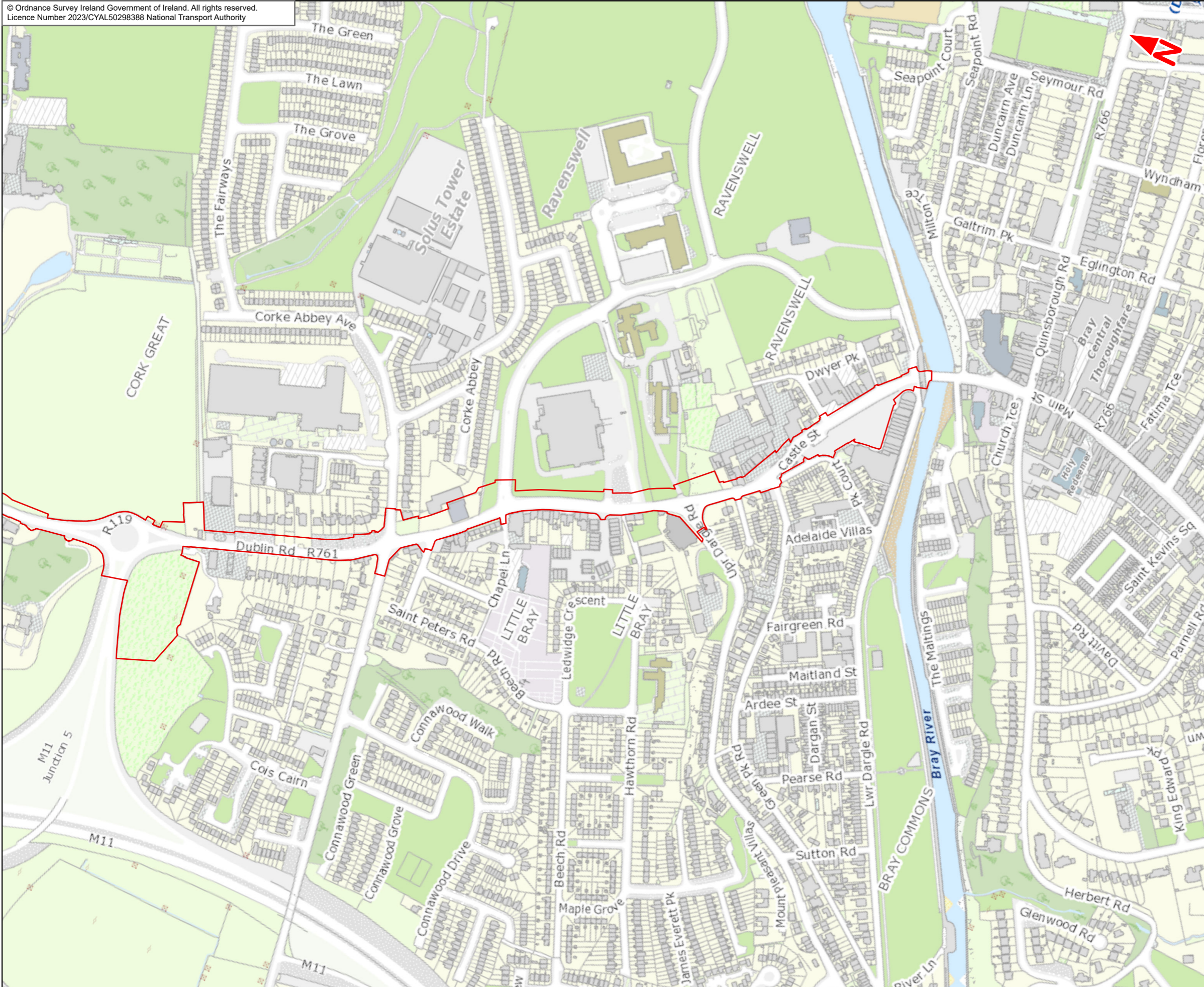
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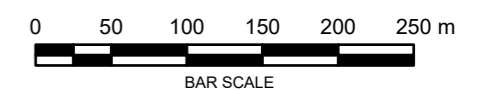
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 5/4/2023	Scale @ A3 1:5 000	Drawn EK	Checked PW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Bray to City Centre Core Bus Corridor Scheme Figure 12.8 Wintering Bird Survey Results				
Drawing File Name BCIDE-JAC-ENV_BD-0013_XX_00-DR-GG-0602	Sheet Number 12 of 13	Status A	Rev M01	



Legend :
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Drawing File Name BCIDE-JAC-ENV BD-0013_XX_00-DR-GG-0601	Sheet Number 13 of 13	Status A	Rev M01	