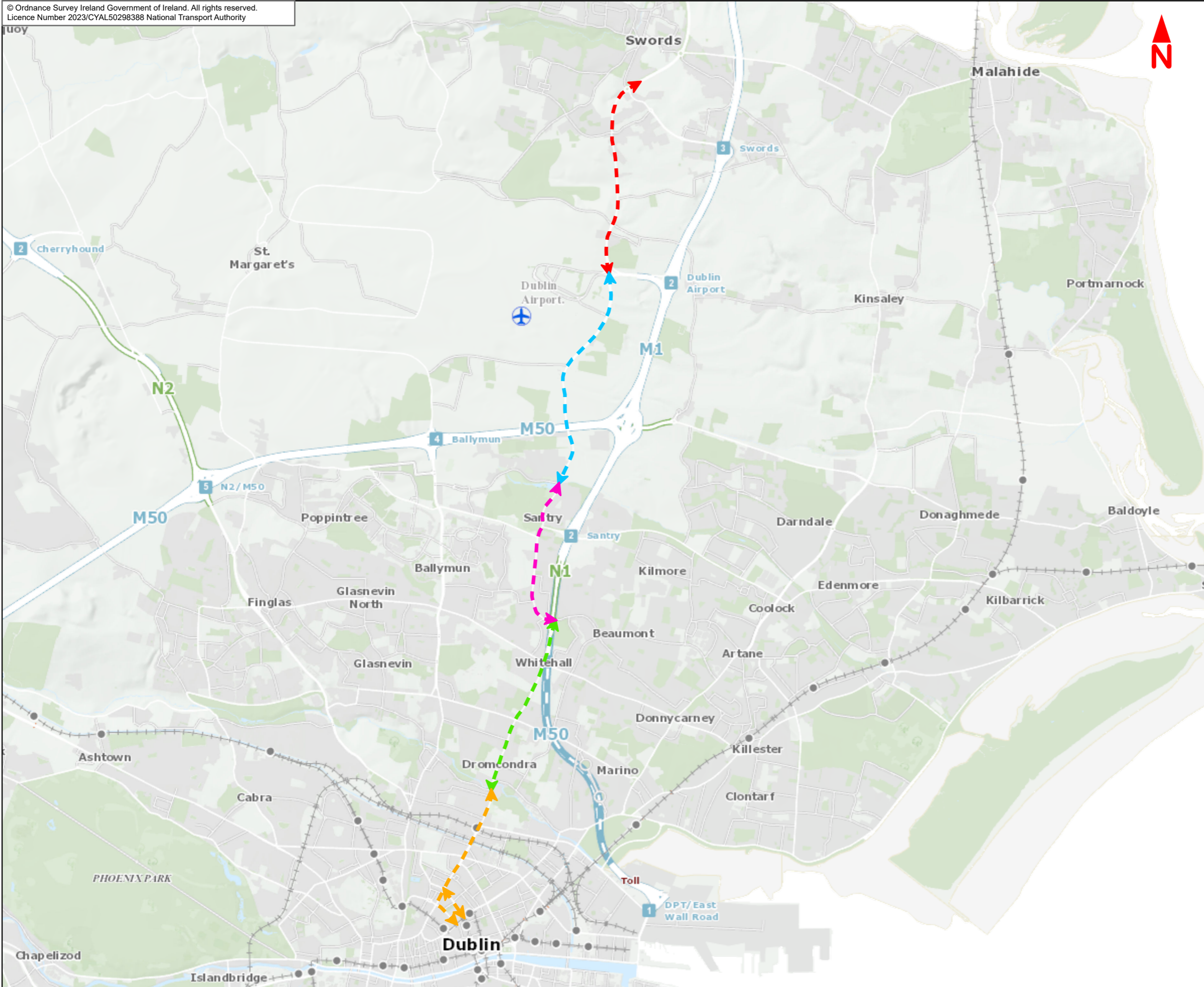


# 6.1 Proposed Scheme Extents

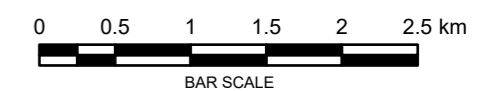






- Legend :**
- Section 1**  
 Pinnock Hill to Airside Junction
  - Section 2**  
 Airside Junction to Northwood Avenue
  - Section 3**  
 Northwood Avenue to Shantalla Road
  - Section 4**  
 Shantalla Road to Botanic Avenue
  - Section 5**  
 Botanic Avenue to Granby Row; Botanic Avenue to Granby Row Part 2

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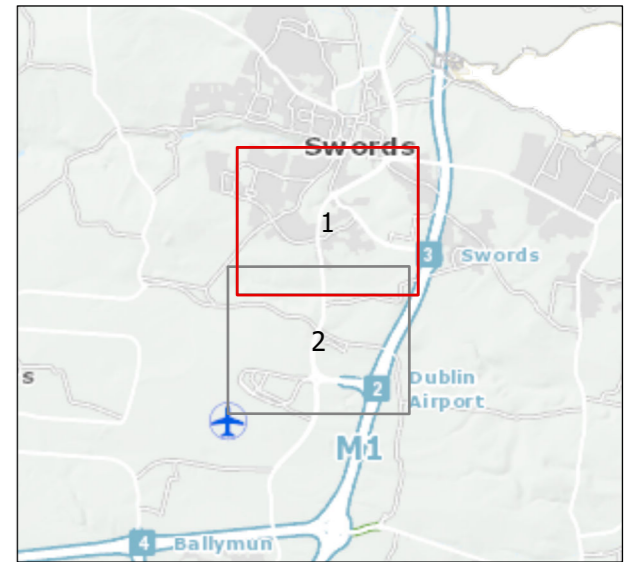
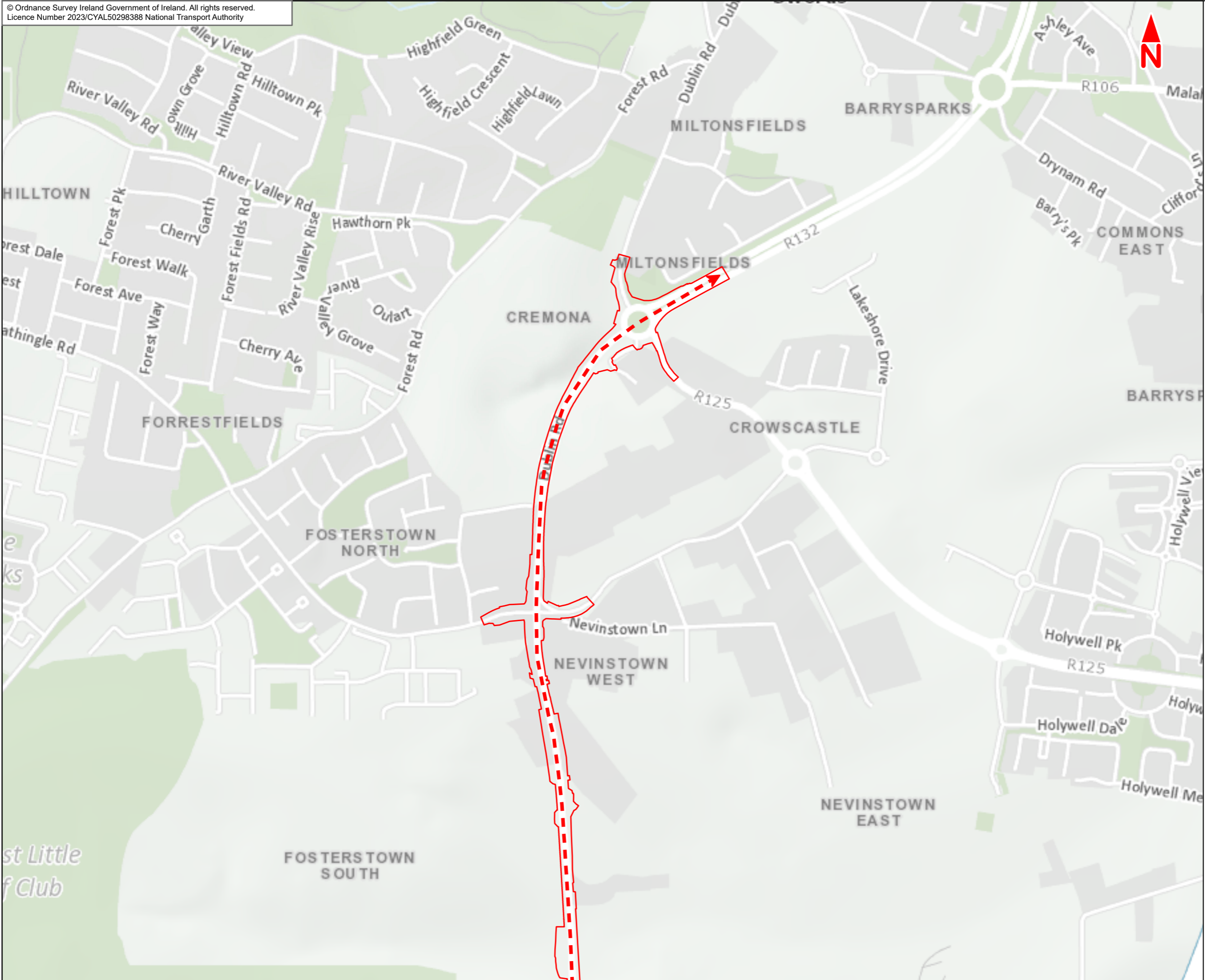
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:50 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.1 Proposed Scheme Extents				
Drawing File Name BCIDE-JAC-TRA_ZZ-0002_XX_00-DR-GG-0003	Sheet Number 1 of 1	Status A	Rev M01	

**6.2**  
Corridor Sections

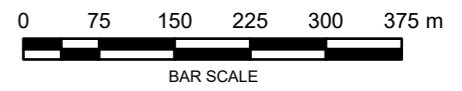






- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
  - Section 1**
  - Pinnock Hill to Airside Junction

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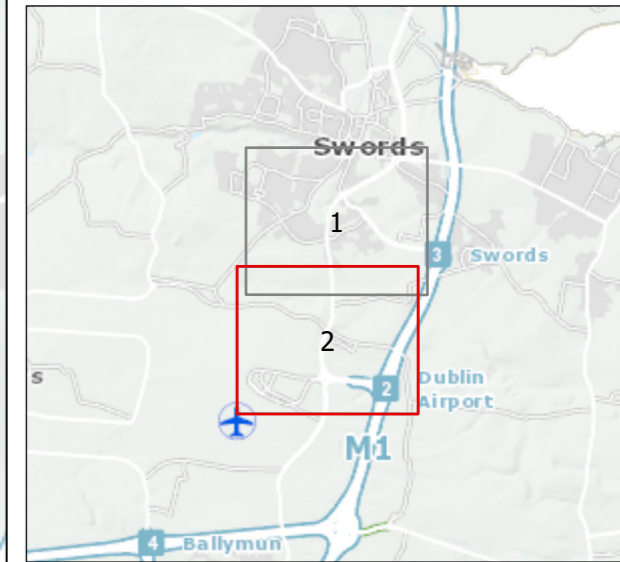
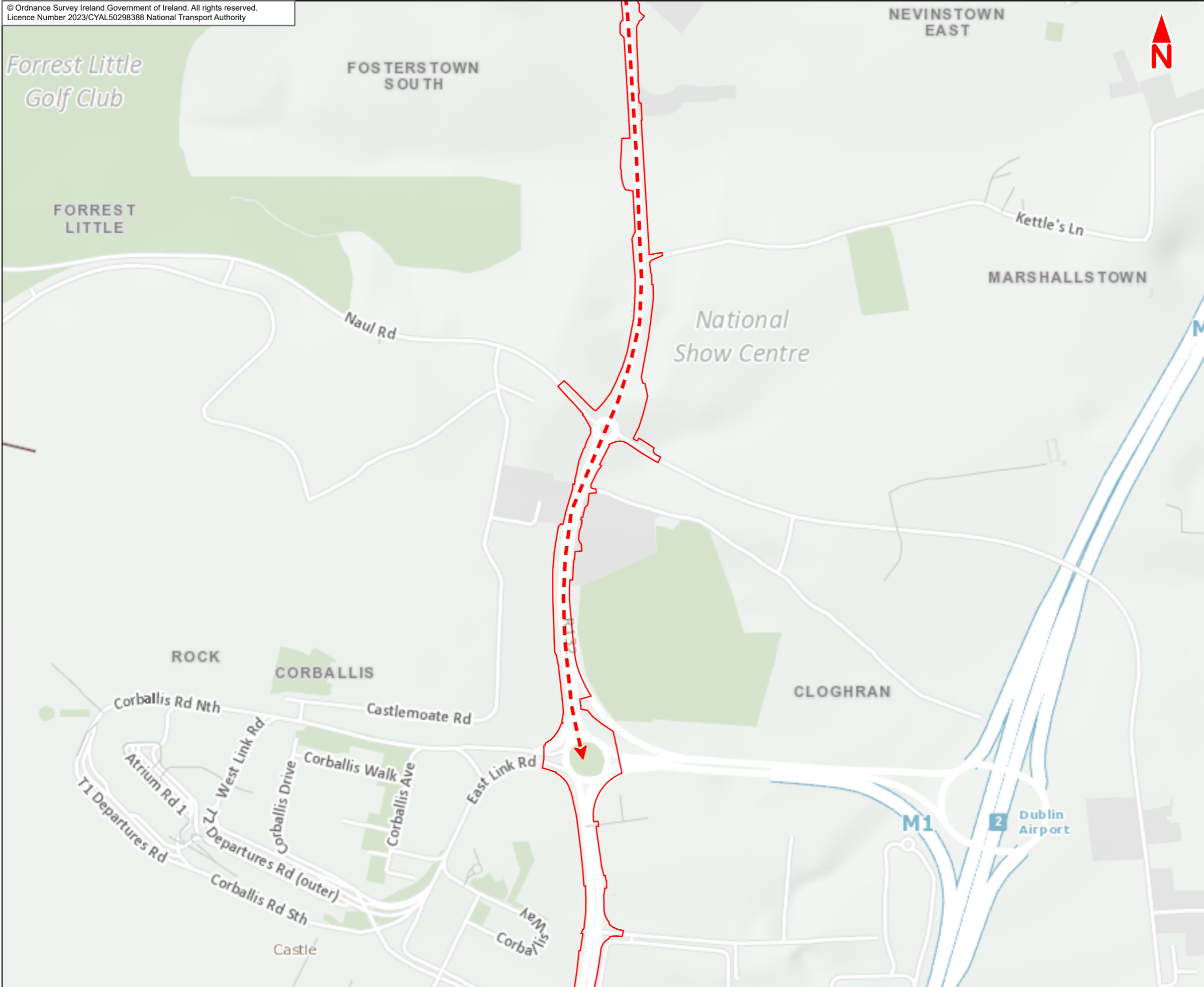
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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.2a Corridor Sections Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0101	Sheet Number 1 of 2	Status A	Rev M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
  - Section 1**
  - ↕ Pinnock Hill to Airside Junction

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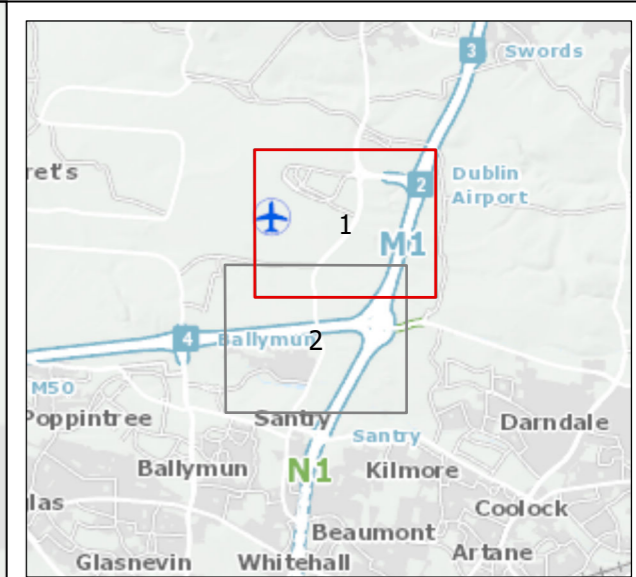
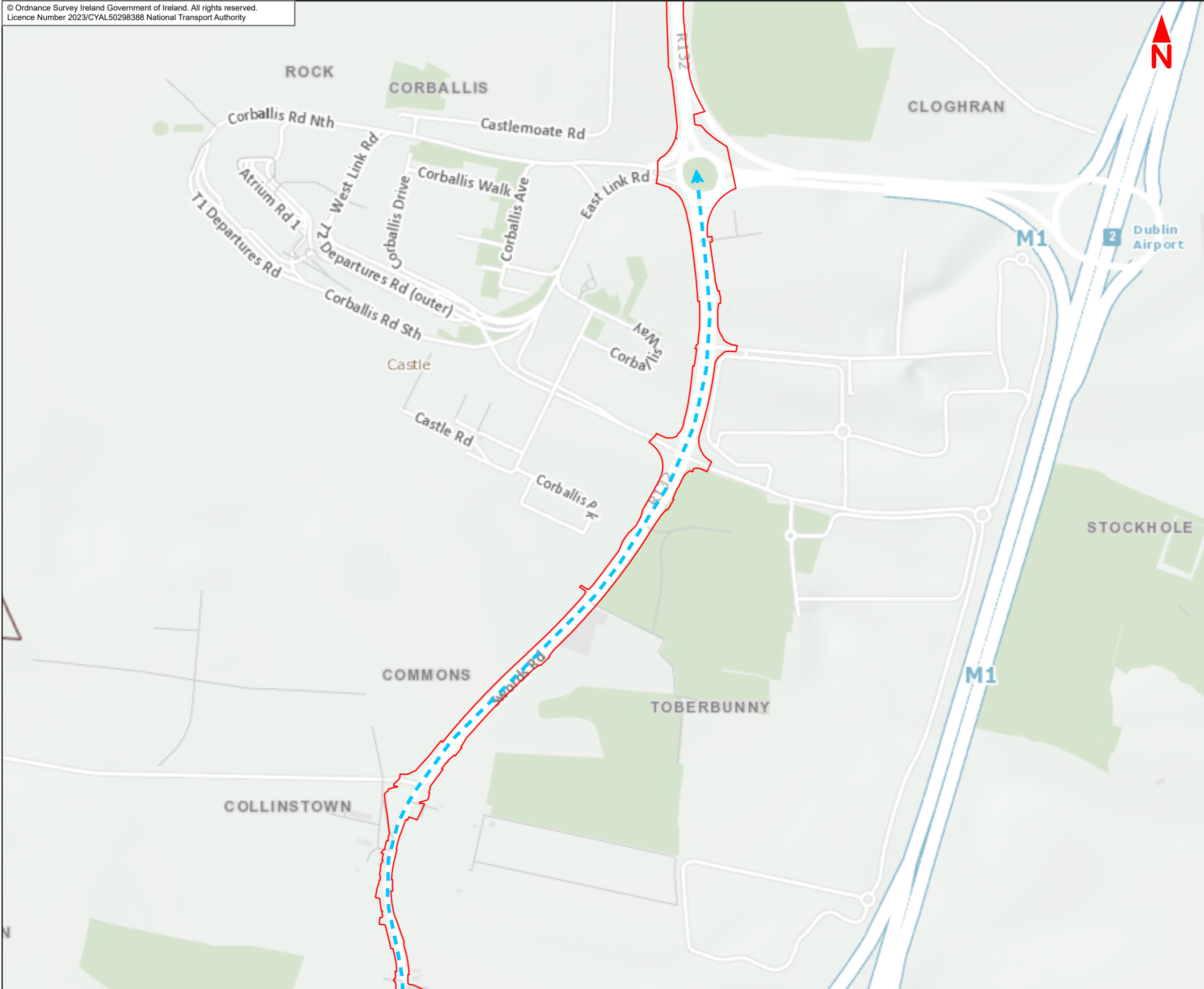


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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

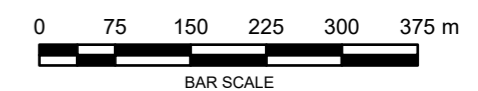
Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.2a Corridor Sections Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0102	Sheet Number 2 of 2	Status A	Rev M01	





- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
  - Section 2**
  - ❖ Airside Junction to Northwood Avenue

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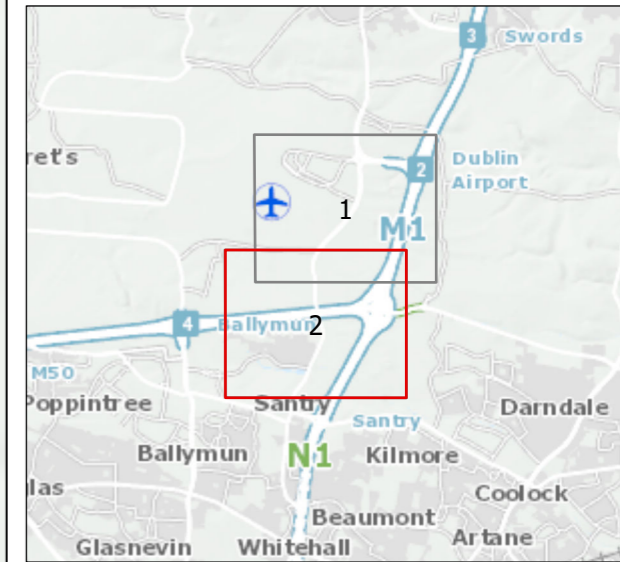
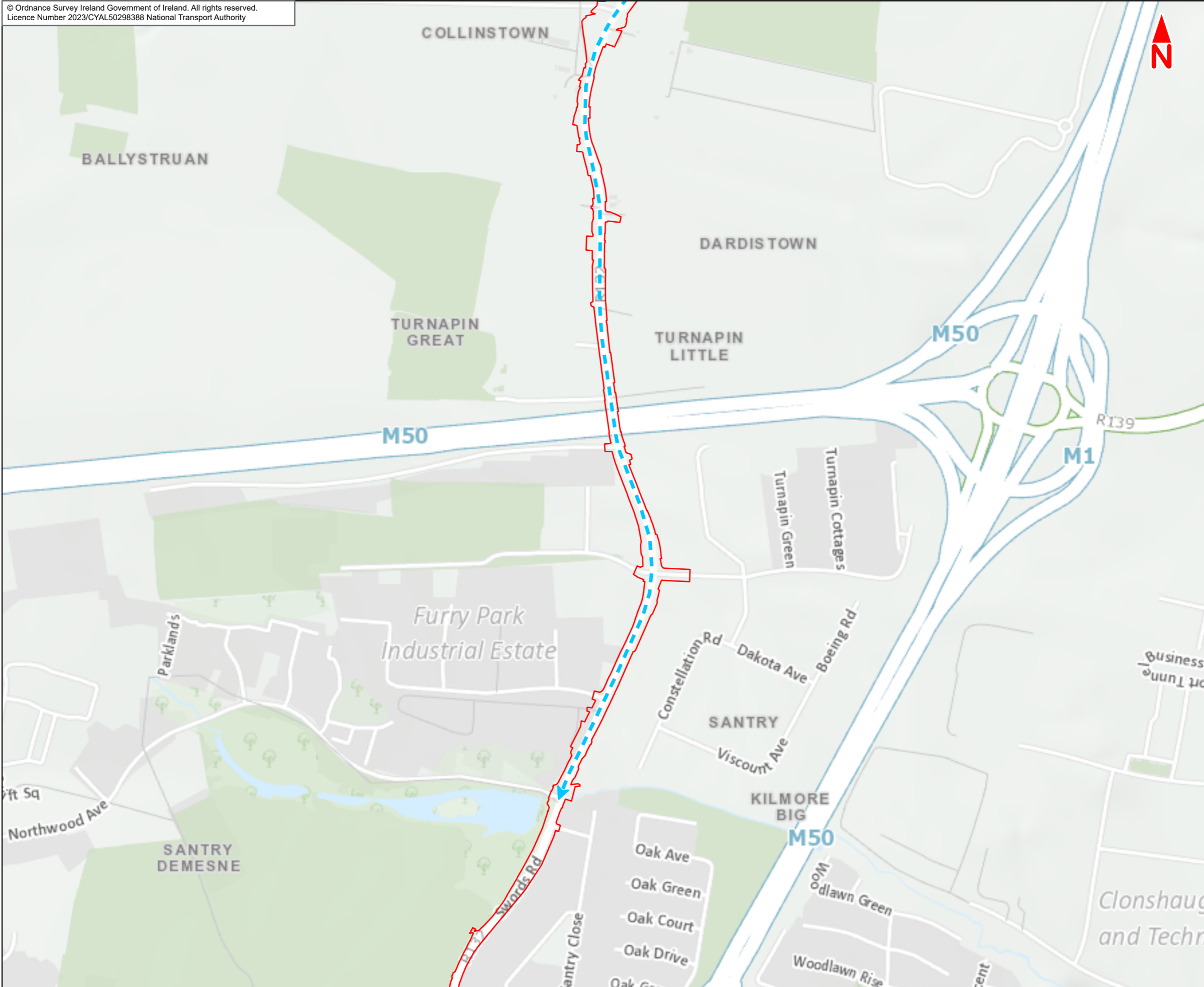
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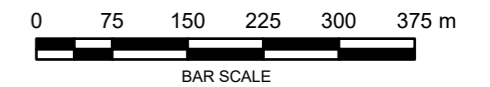
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>Jacobs</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.2b Corridor Sections Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0103	Sheet Number 1 of 2	Status A	Rev M01	



- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
  - Section 2**
  - ↔ Airside Junction to Northwood Avenue

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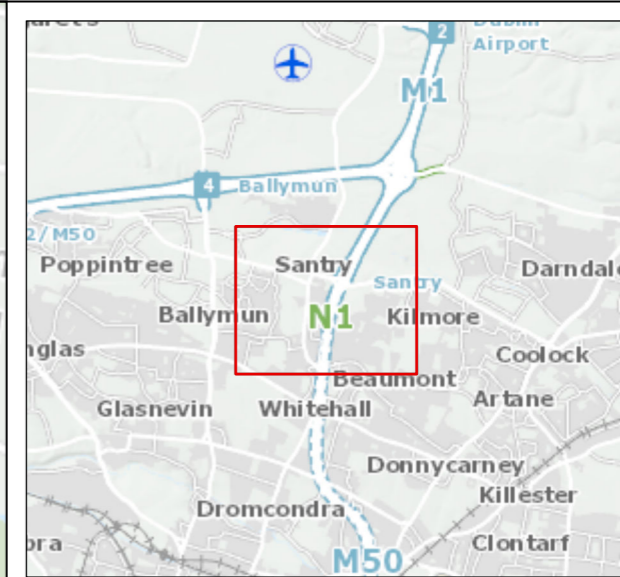
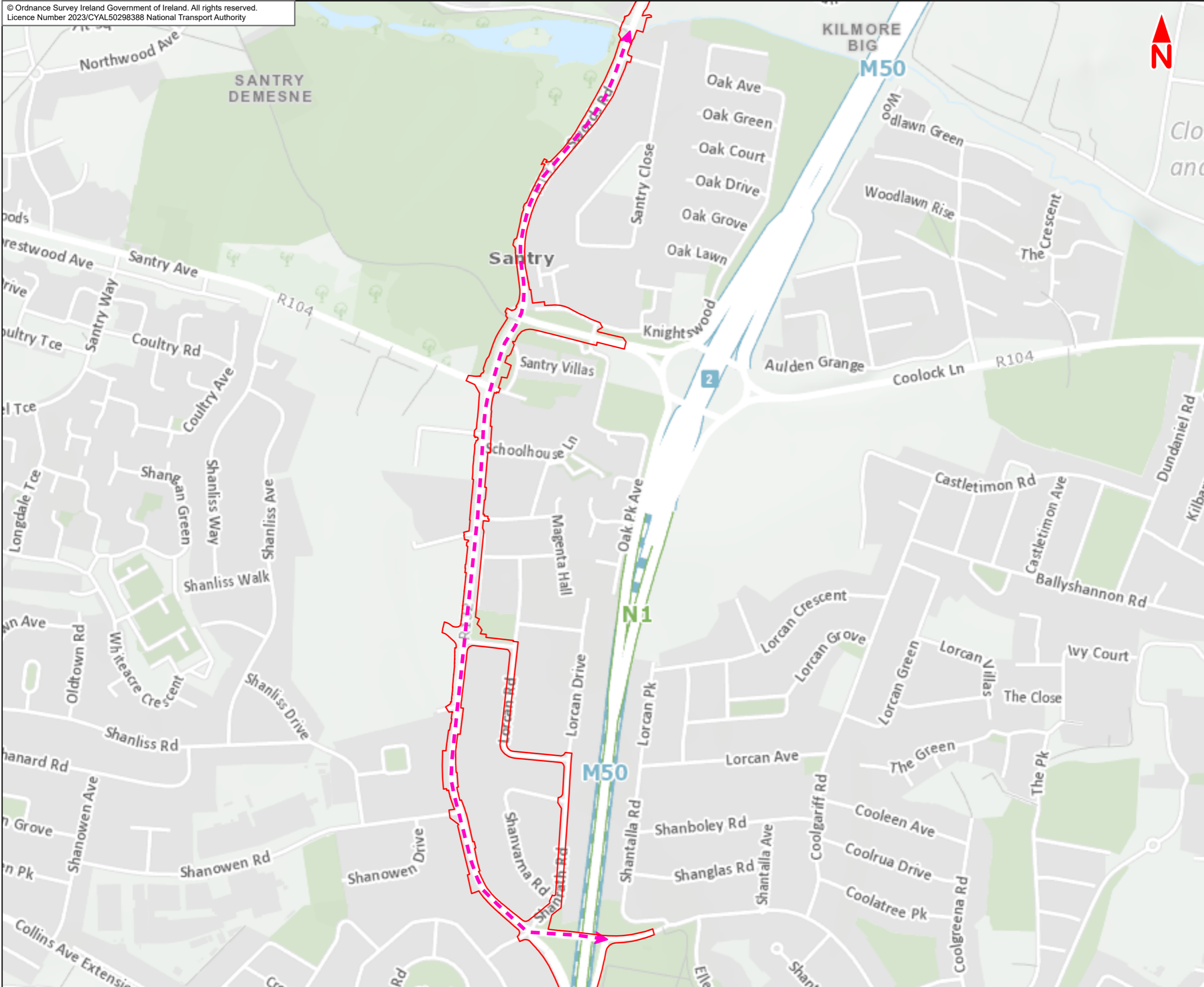


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Date	12/04/2023	Scale @ A3	1:7 500	Drawn	HCH	Checked	EK	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					

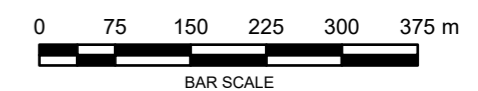
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<b>Drawing Title</b> Swords to City Centre Core Bus Corridor Scheme Figure 6.2b Corridor Sections Swords to City Centre							
Drawing File Name	BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0104	Sheet Number	2 of 2	Status	A	Rev	M01





**Legend :**  
 Swords to City Centre Core Bus Corridor Scheme  
**Section 3**  
 Northwood Avenue to Shantalla Road

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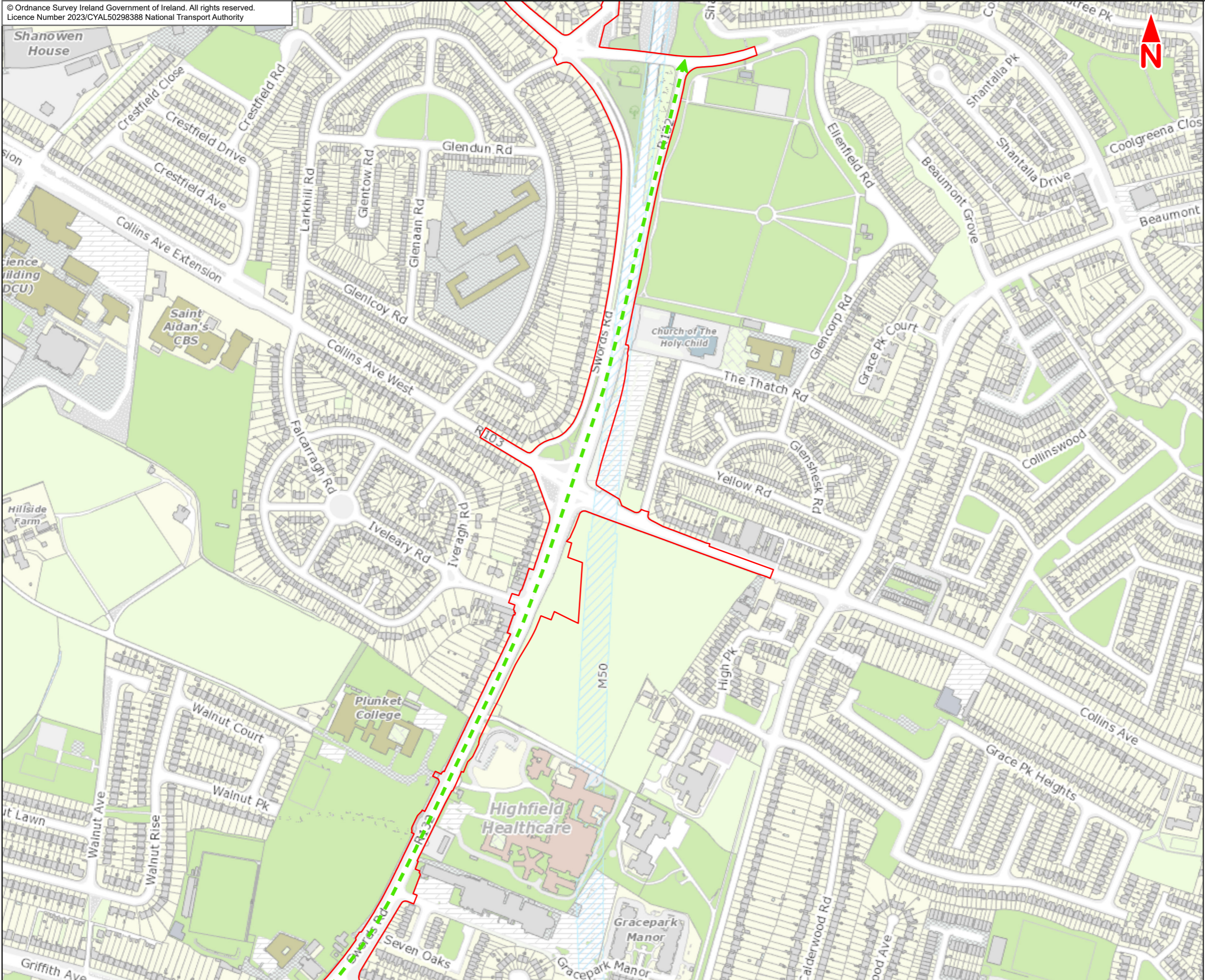
Rev	Date	Drn	Chk'd	App'd	Description
M01	Apr 2023	HCH	EK	DK	ISSUE FOR PHASE 4 : PLANNING

Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Consultant  
**JACOBS**  
**ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.2c Corridor Sections Swords to City Centre				
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0105
Sheet Number 1 of 1	Status A	Rev M01		





**Legend :**  
 Swords to City Centre Core Bus Corridor Scheme  
**Section 4**  
→ Shantalla Road to Botanic Avenue

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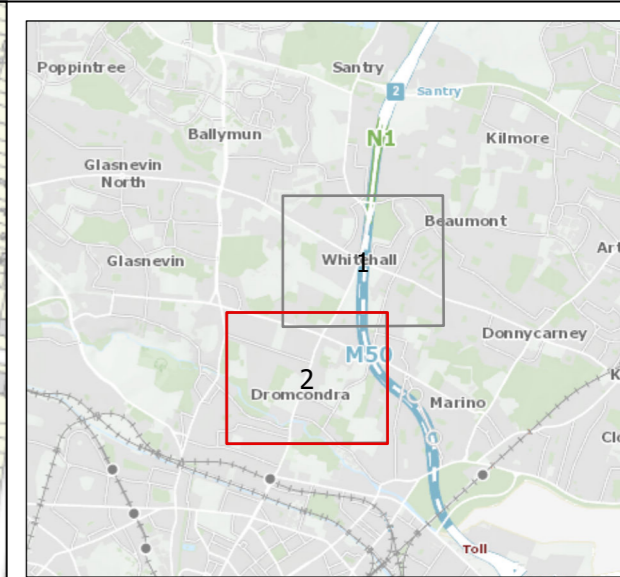
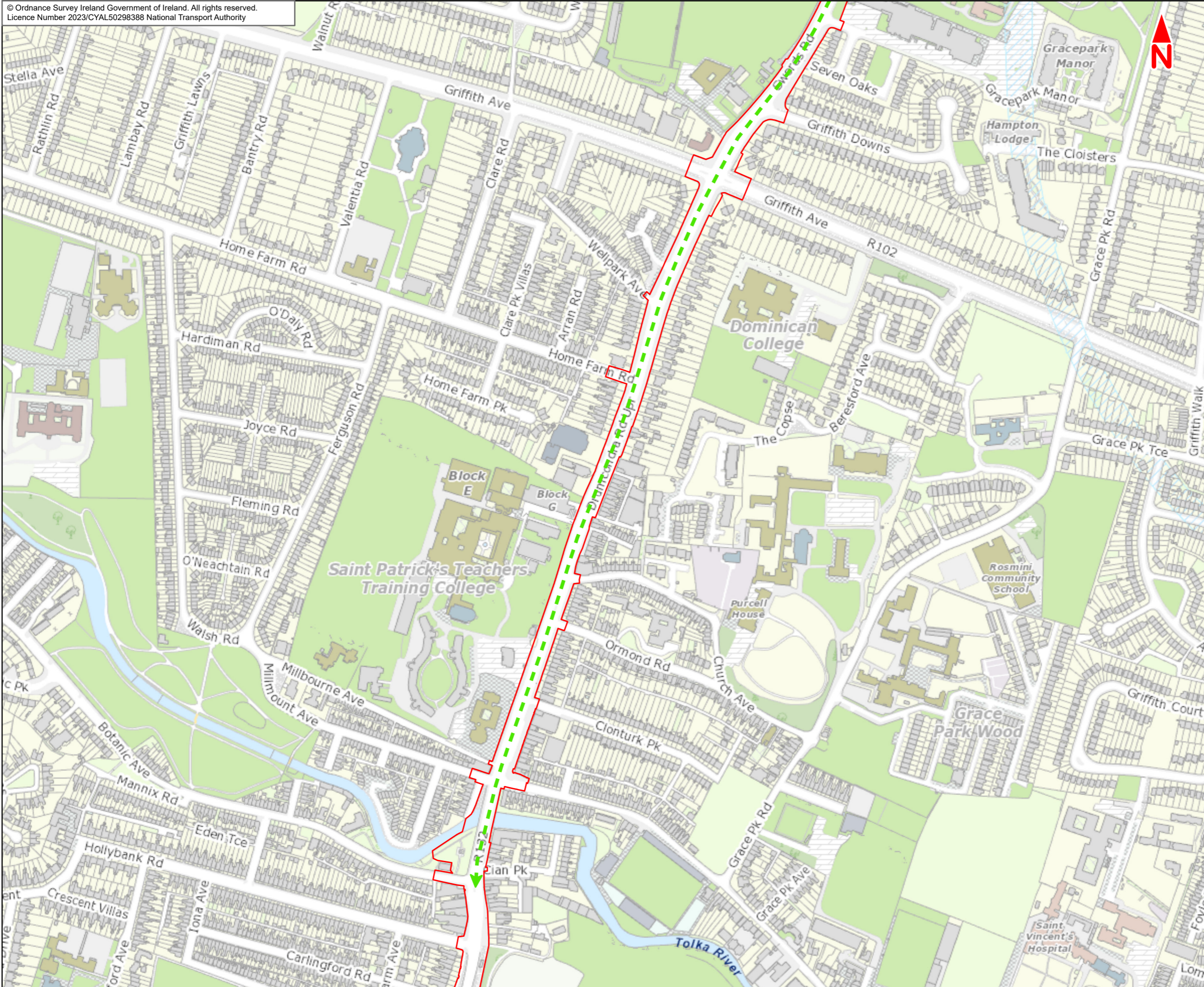
Client  
**NTA**  
 Udarás Náisiúnta Iompair  
 National Transport Authority

Consultant  
**JACOBS**  
**ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.2d Corridor Sections Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0106	Sheet Number 1 of 2	Status A	Rev M01	

Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		





- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
  - Section 4**
  - ➔ Shantalla Road to Botanic Avenue

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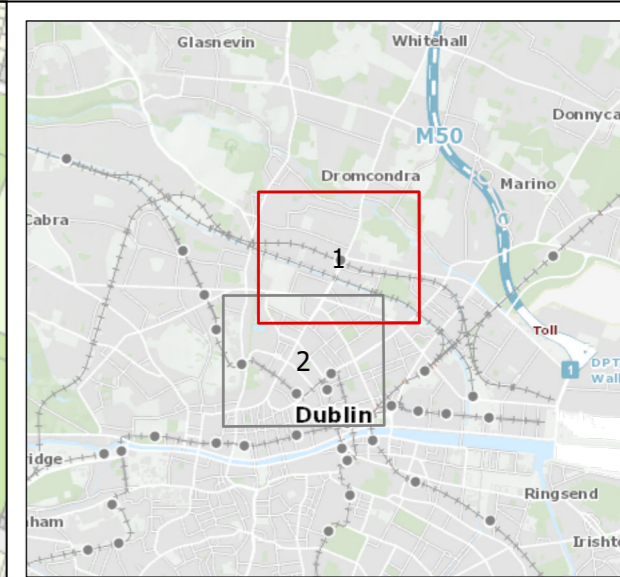
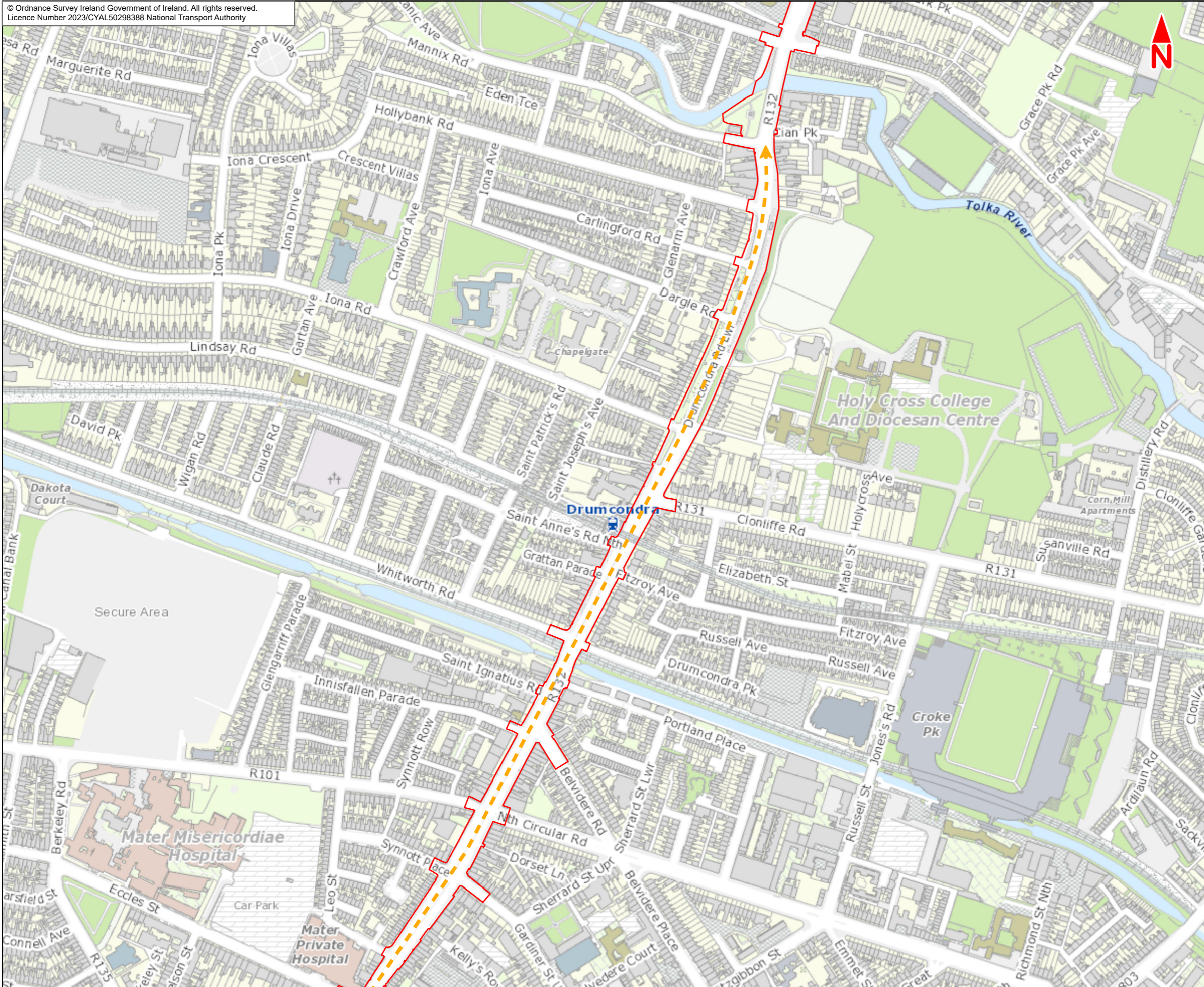
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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 12/04/2023 | Scale @ A3: 1:7 500  
 Drawn: HCH | Checked: EK | Approved: DK  
 Project Code: BCIDE | Originator Code: JAC

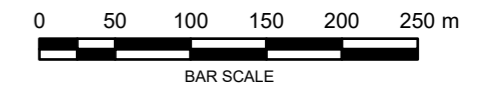
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 6.2d Corridor Sections Swords to City Centre			
Drawing File Name: BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0107	Sheet Number: 2 of 2	Status: A	Rev: M01





- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
  - Section 5**
  - Botanic Avenue to Granby Row

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M01	Apr 2023	HCH	EK	DK	ISSUE FOR PHASE 4 : PLANNING

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

Date: 12/04/2023  
Scale @ A3: 1:5 000

Project Code: BCIDE  
Originator Code: JAC

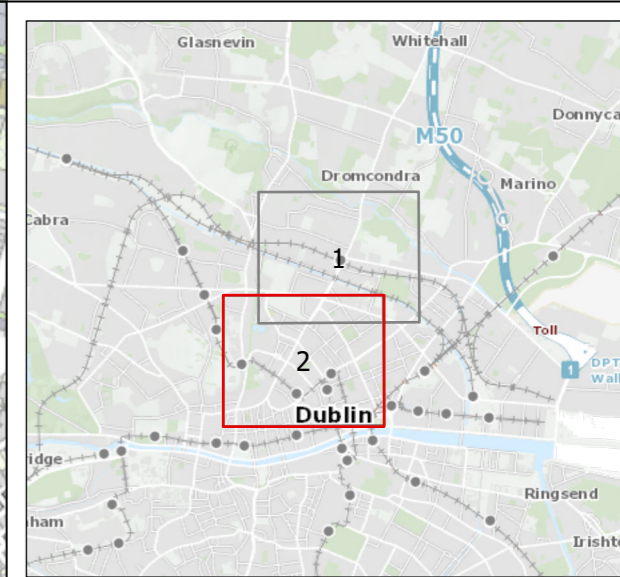
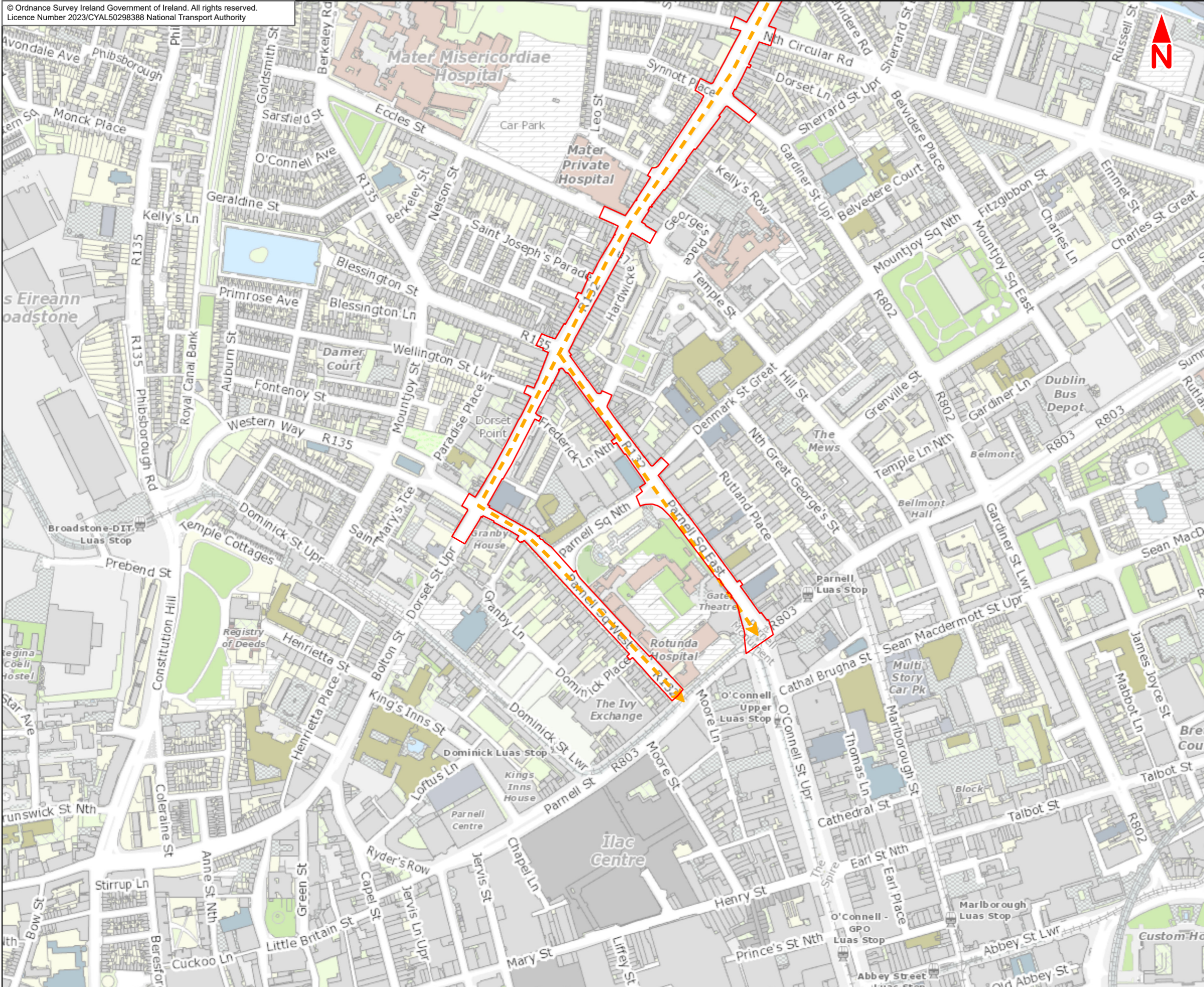
Consultant  
**JACOBS ARUP SYSTRA**

Drawn: HCH  
Checked: EK  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.2e Corridor Sections Swords to City Centre			
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0107	Sheet Number 1 of 2	Status A	Rev M01





- Legend :**
- Swords to City Centre Core Bus Corridor Scheme
  - Section 5**
  - Botanic Avenue to Granby Row

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**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Date: 12/04/2023  
Scale @ A3: 1:5 000

Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

Drawn: HCH  
Checked: EK  
Approved: DK

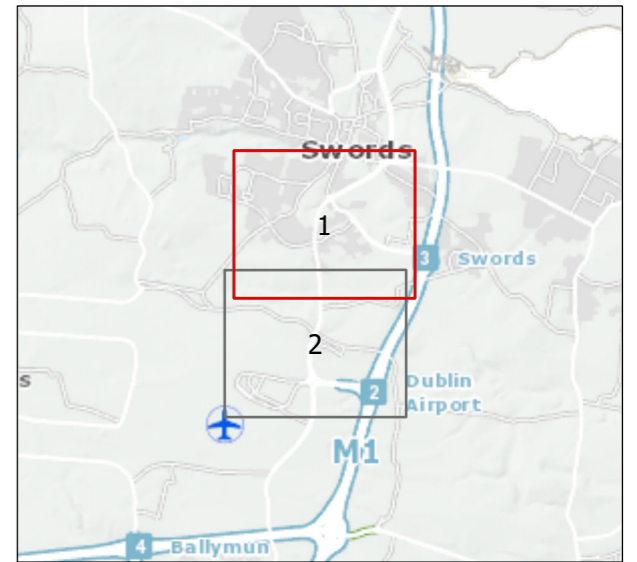
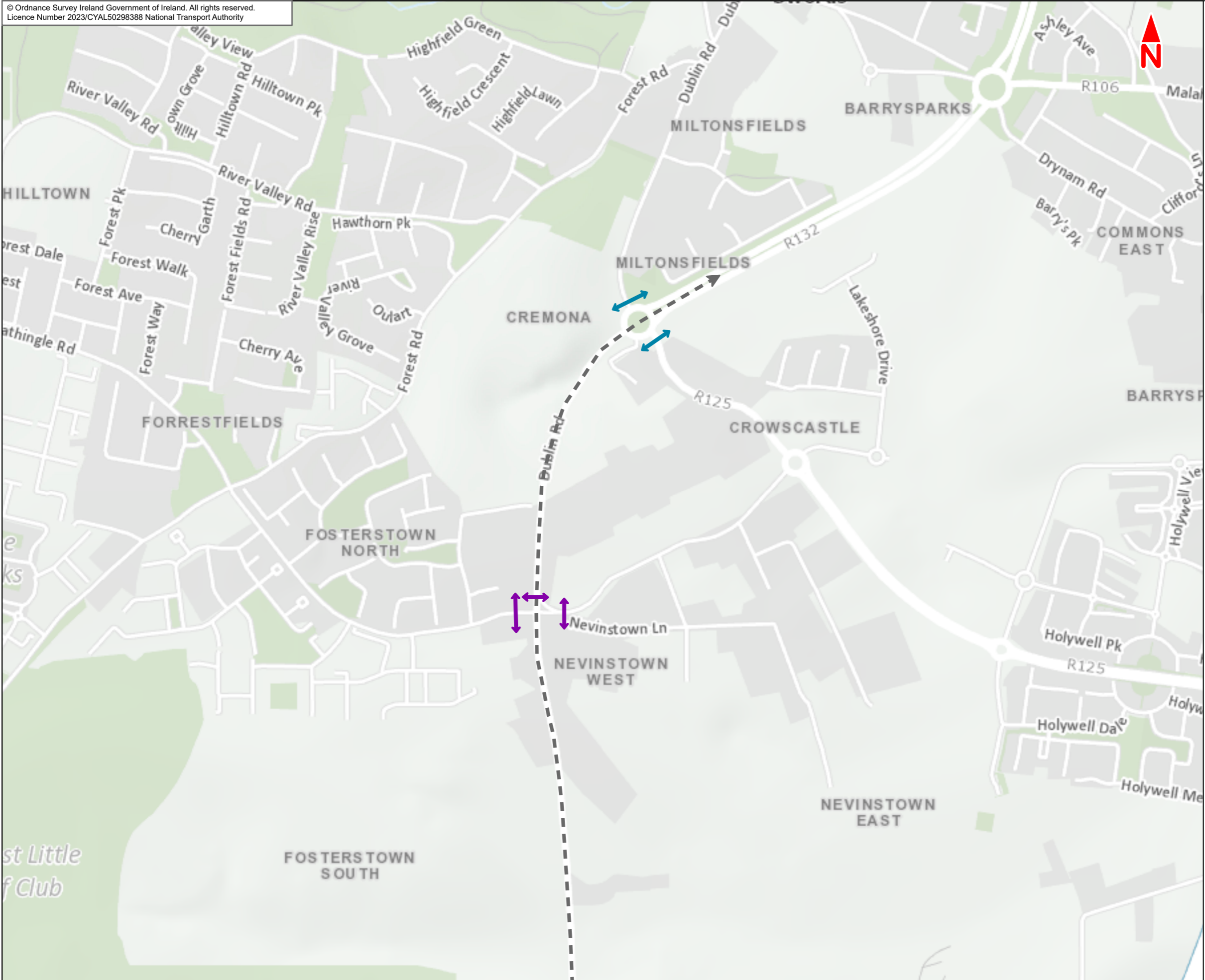
QMS Code

Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 6.2e Corridor Sections Swords to City Centre		
Drawing File Name	BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0108	Sheet Number	2 of 2
Status	A	Rev	M01



**6.3**  
Baseline Pedestrian Facilities



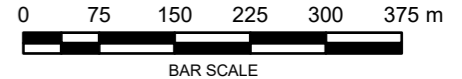


- Legend :**
- Section 1**
  - Pinnock Hill to Airside Junction
  - Indicative Existing Pedestrian Crossings**
  - Signalised Crossing
  - Uncontrolled Crossing

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

**Note 2:** Drawing not to scale, facilities shown in this map are shown indicatively for context

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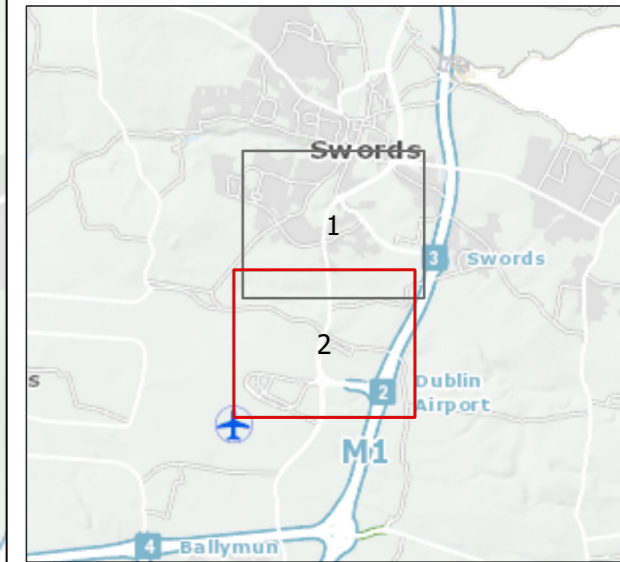
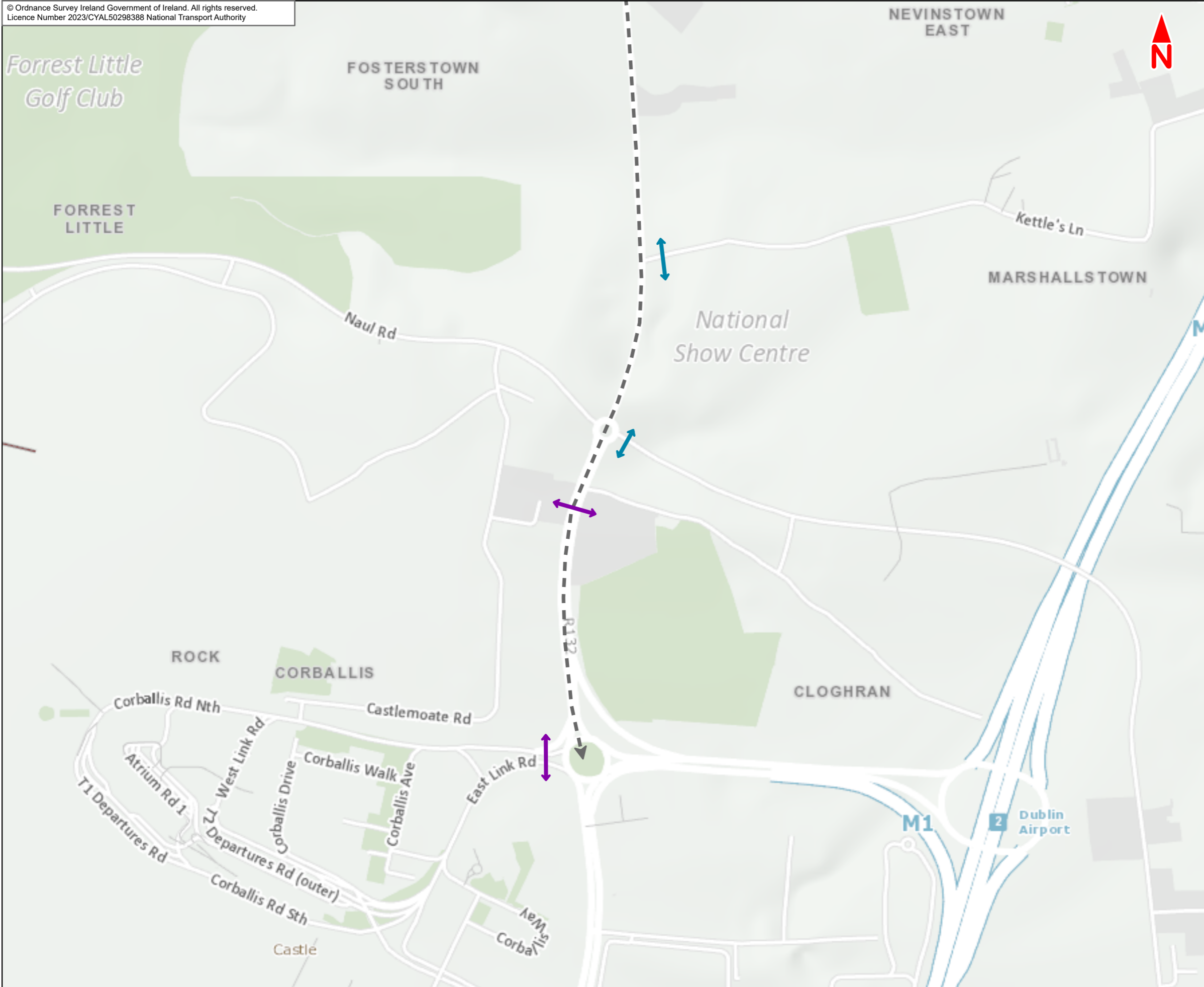
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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.3a Baseline Pedestrian Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0201	Sheet Number 1 of 2	Status A	Rev M01	

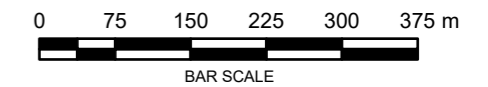


- Legend :**
- Section 1**
- Pinnock Hill to Airside Junction
- Indicative Existing Pedestrian Crossings**
- Signalised Crossing
  - Uncontrolled Crossing

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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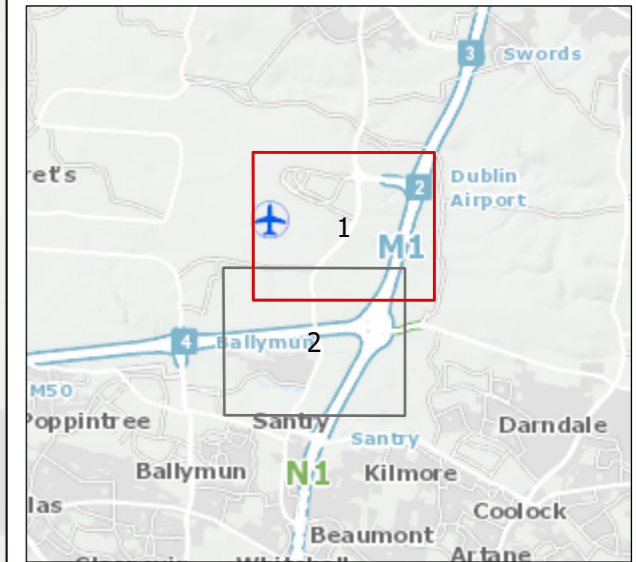
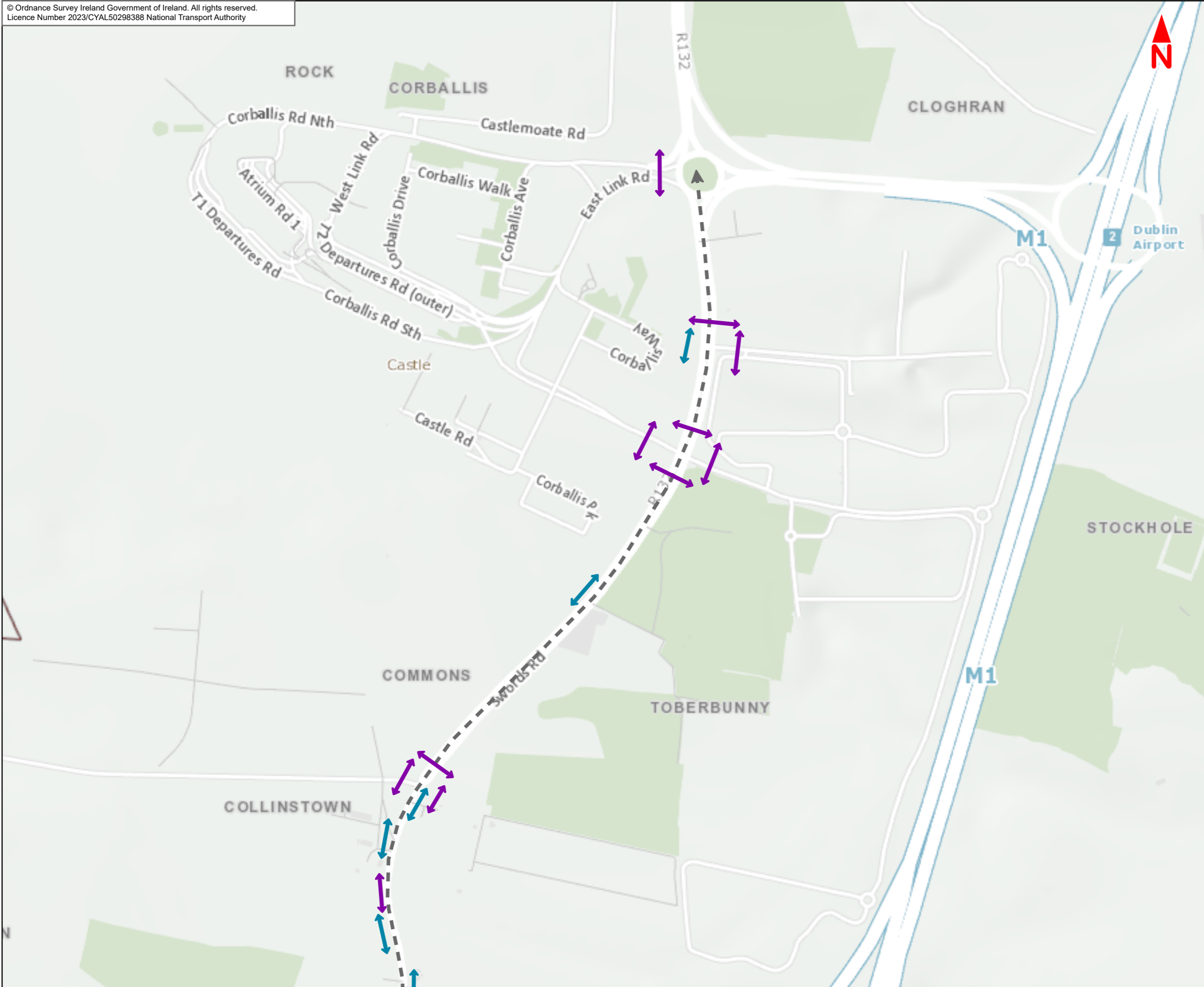


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Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.3a Baseline Pedestrian Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0202	Sheet Number 2 of 2	Status A	Rev M01	





**Legend :**

**Section 2**

Airside Junction to Northwood Avenue

**Indicative Existing Pedestrian Crossings**

Signalled Crossing

Uncontrolled Crossing

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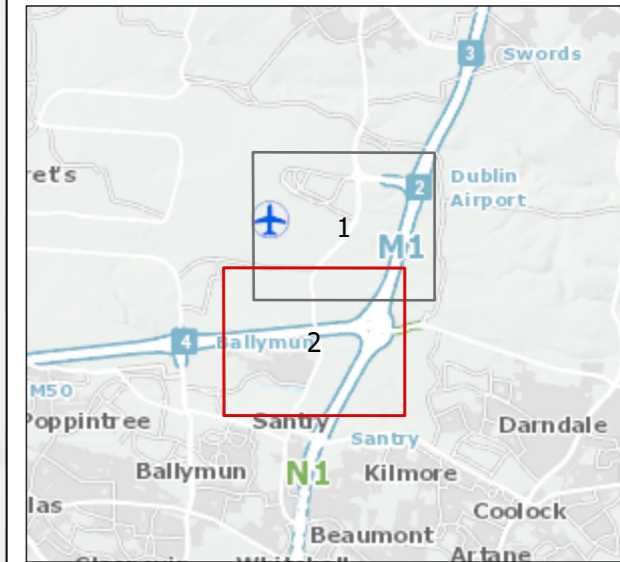
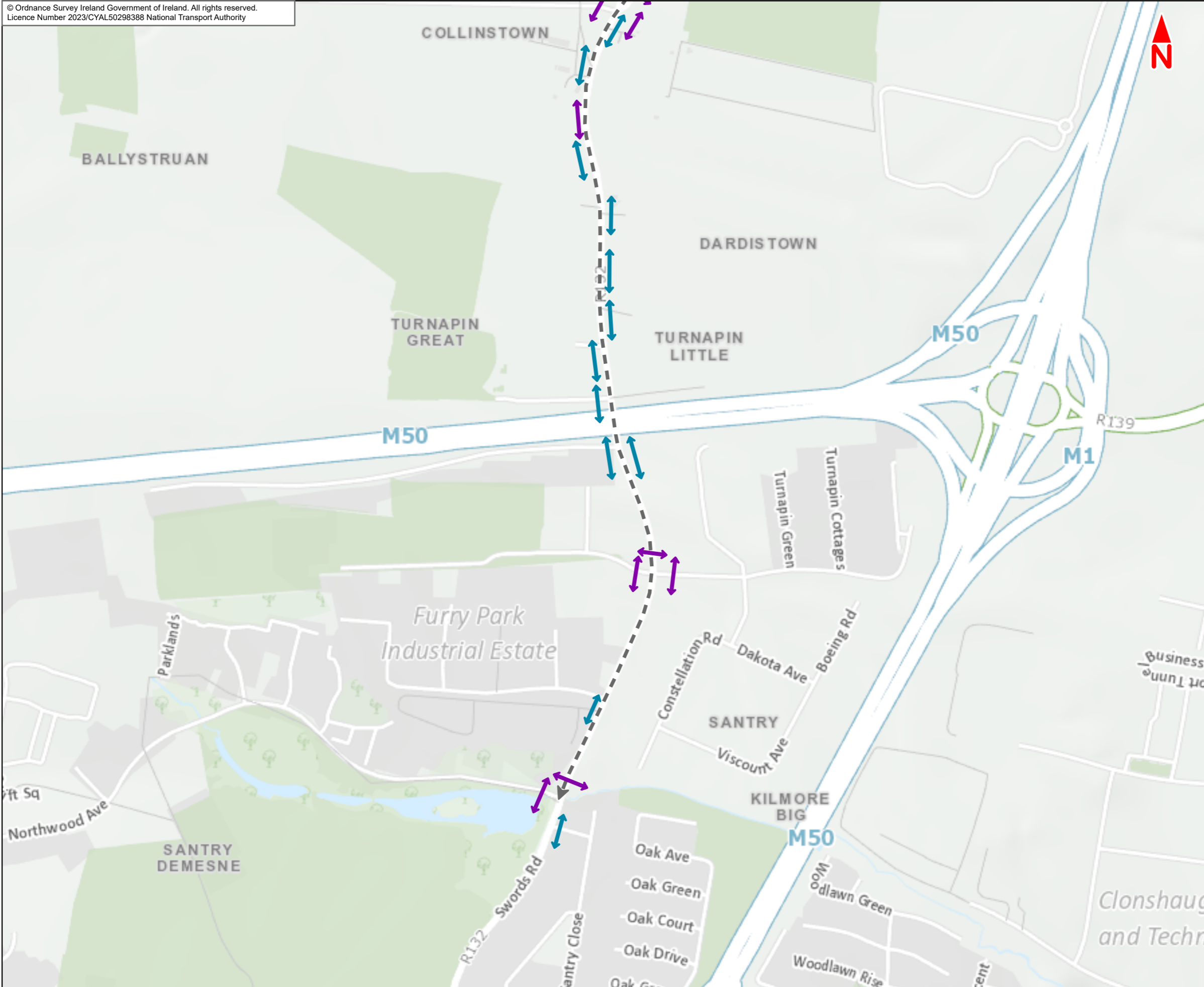
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Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.3b Baseline Pedestrian Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0203	Sheet Number 1 of 2	Status A	Rev M01	



**Legend :**

**Section 2**

↔ Airside Junction to Northwood Avenue

**Indicative Existing Pedestrian Crossings**

↔ Signalised Crossing

↔ Uncontrolled Crossing

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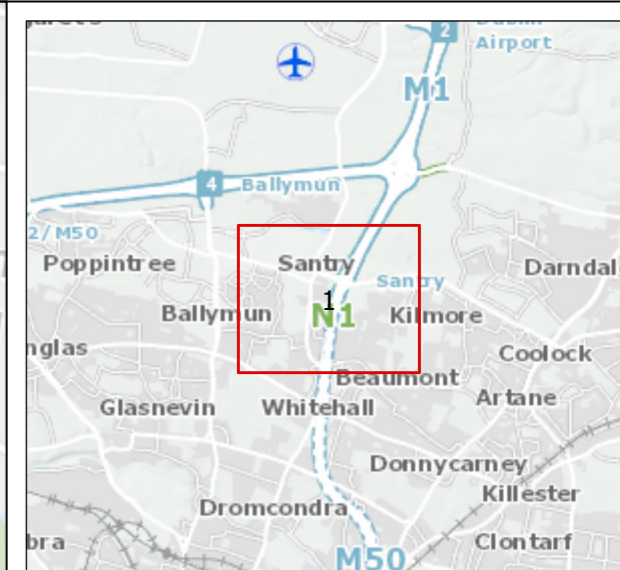
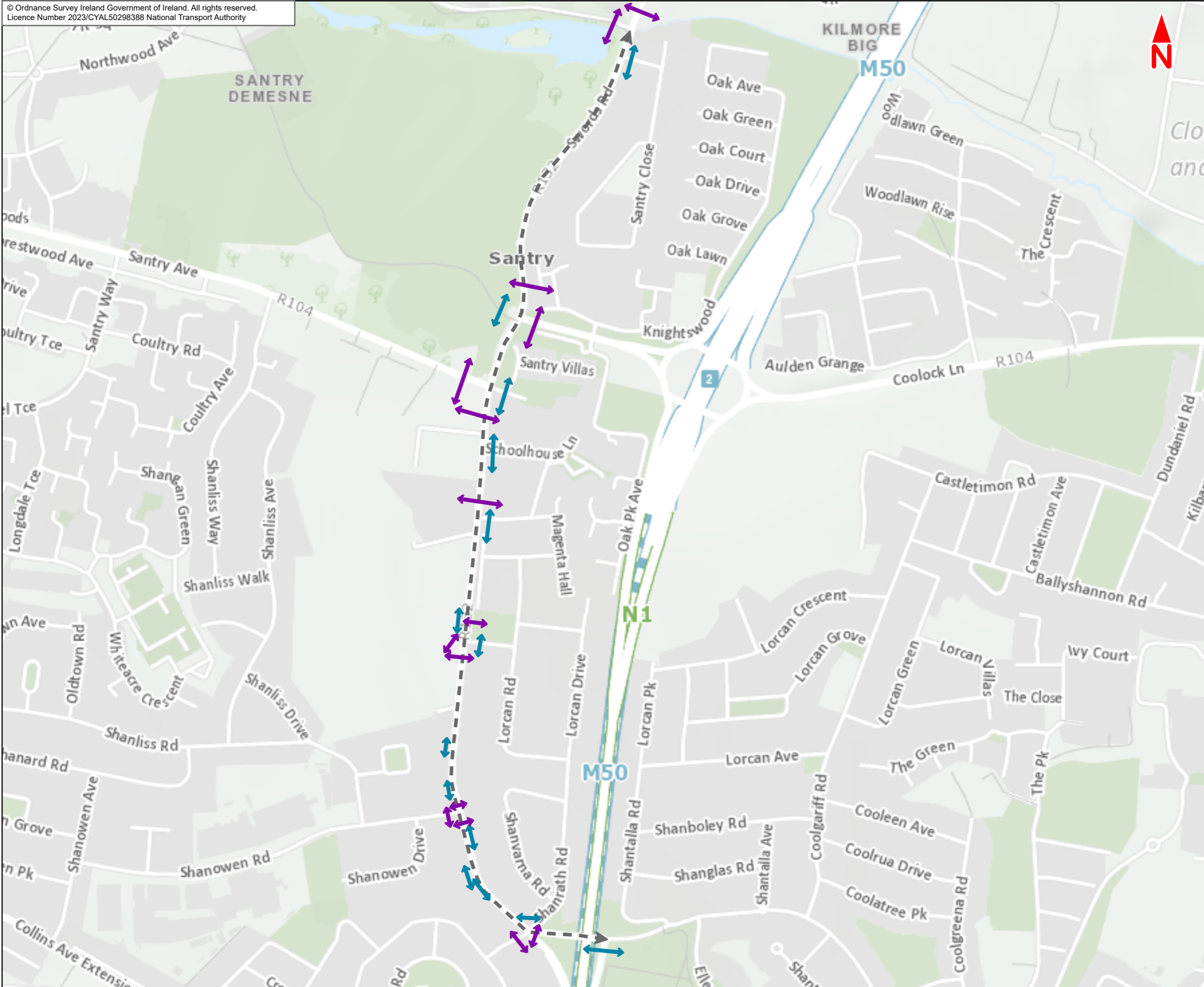


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Project Code	Originator Code	QMS Code		
BCIDE	JAC			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
<b>Drawing Title</b> Swords to City Centre Core Bus Corridor Scheme Figure 6.3b Baseline Pedestrian Facilities Swords to City Centre				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0204	2 of 2	A	M01	



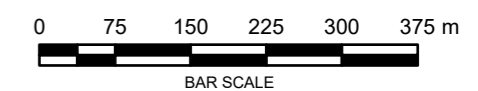


- Legend :**
- Section 3**
- Northwood Avenue to Shantalla Road
- Indicative Existing Pedestrian Crossings**
- Signalled Crossing
  - Uncontrolled Crossing

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Consultant

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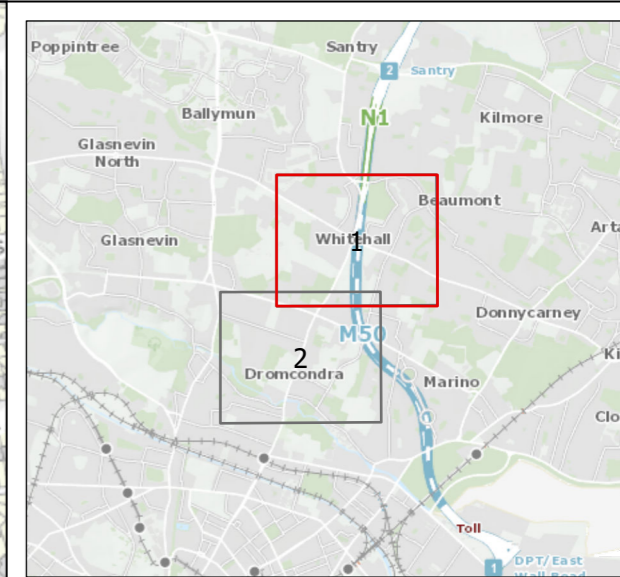
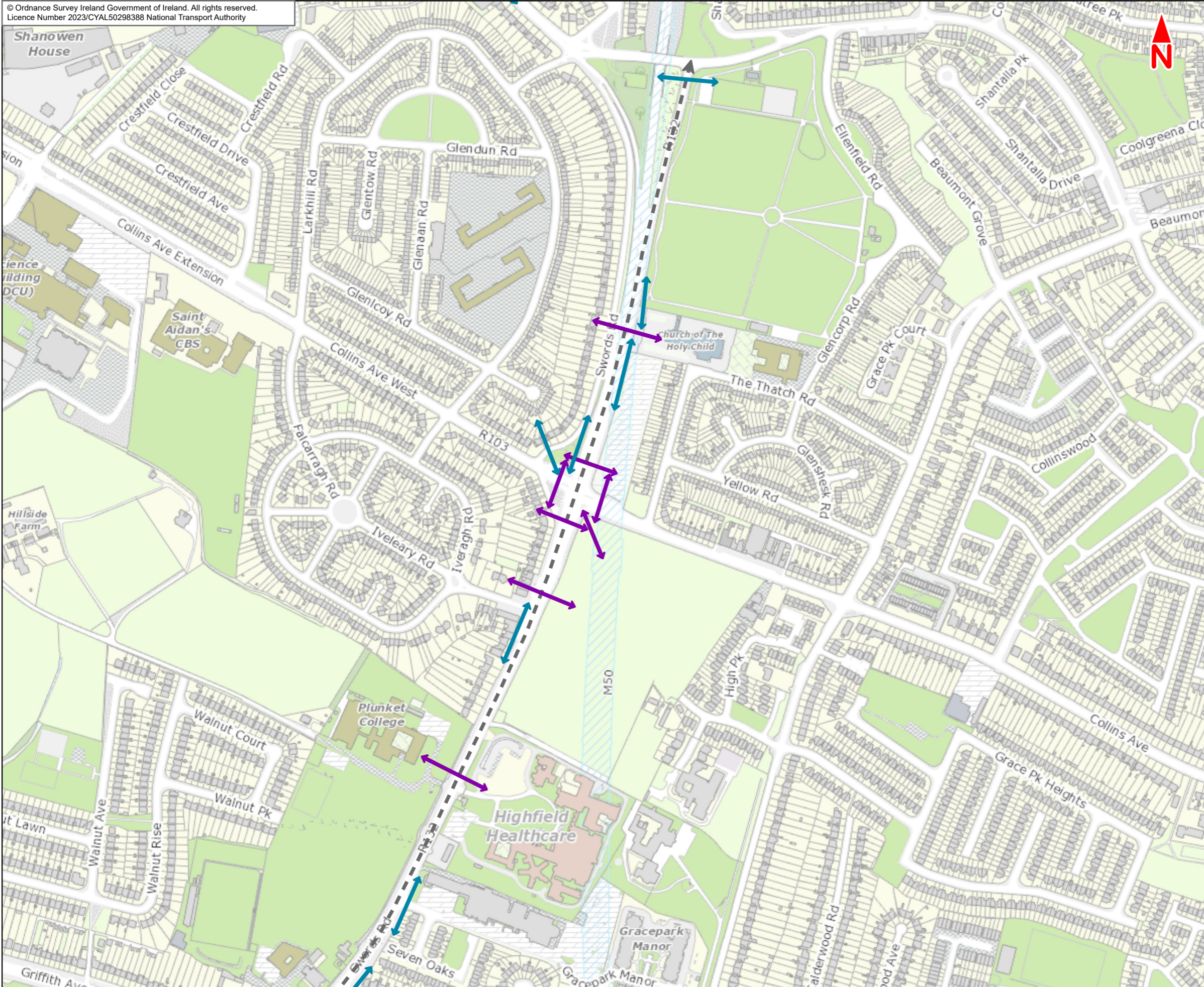
Project Code: BCIDE  
Originator Code: JAC

Drawn: HCH  
Checked: EK  
Approved: DK

QMS Code

Programme Title			
<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title			
Swords to City Centre Core Bus Corridor Scheme Figure 6.3c Baseline Pedestrian Facilities Swords to City Centre			
Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0205	1 of 1	A	M01





**Legend :**

**Section 4**

◀▶ Shantalla Road to Botanic Avenue

**Indicative Existing Pedestrian Crossings**

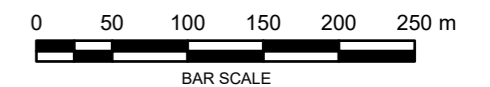
◀▶ Signalled Crossing

◀▶ Uncontrolled Crossing

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M01	Apr 2023	HCH	EK	DK	ISSUE FOR PHASE 4 : PLANNING

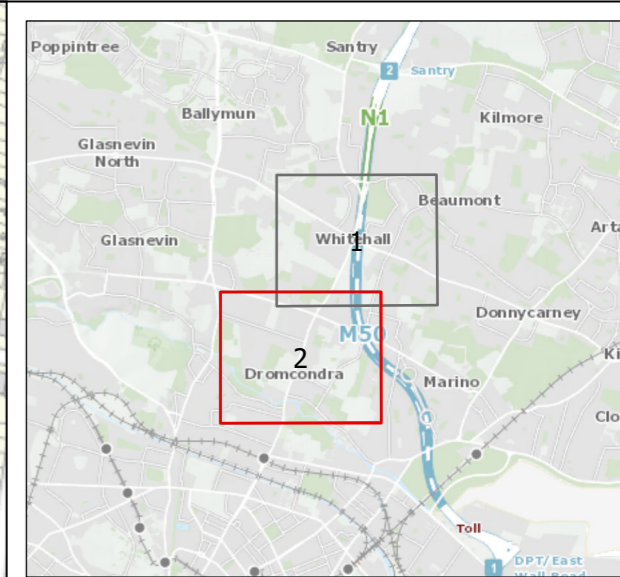
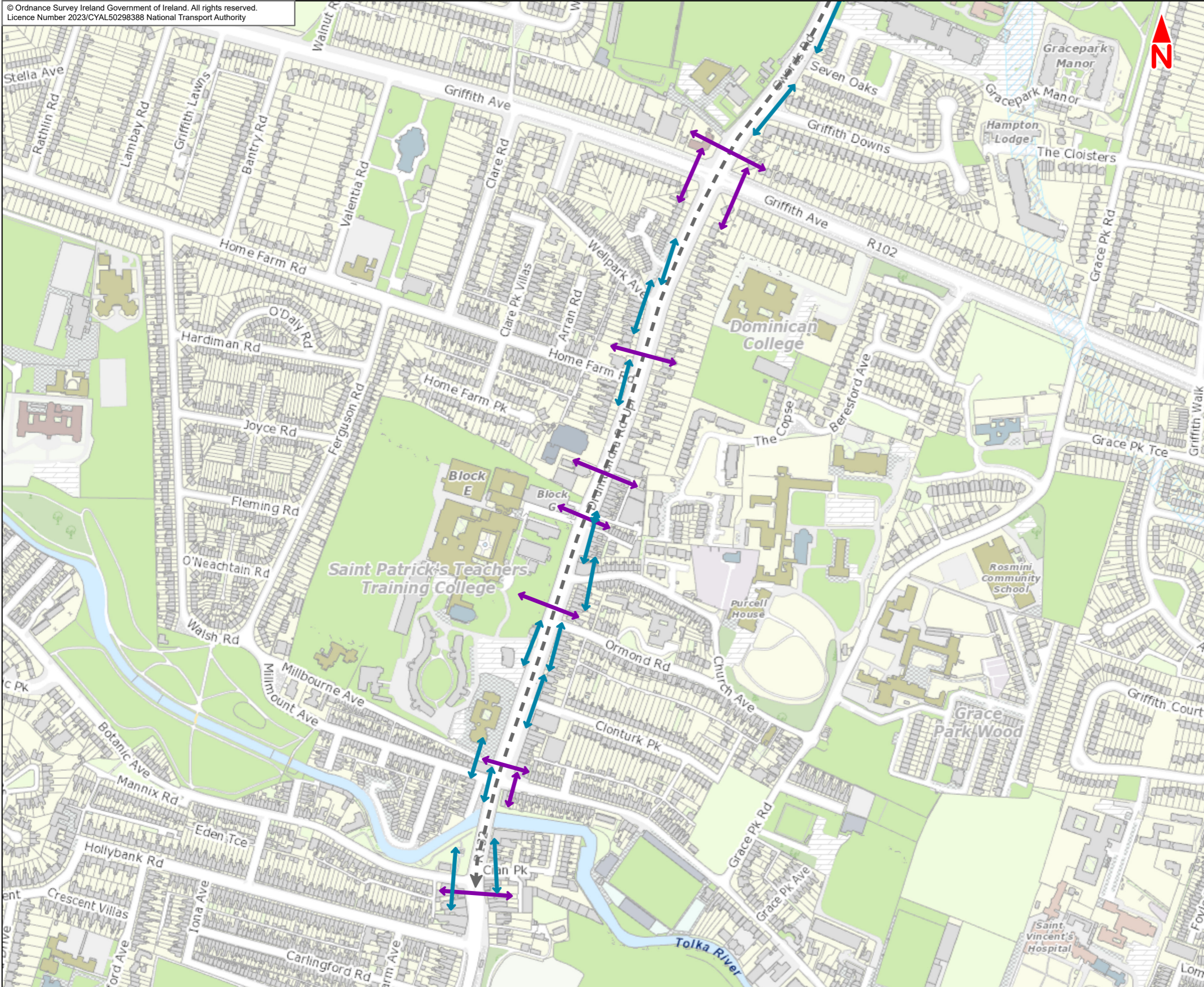
Client  
**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Consultant  
**JACOBS ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.3d Baseline Pedestrian Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0206	Sheet Number 1 of 2	Status A	Rev M01	

Date 12/04/2023	Scale @ A3 1:5 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		



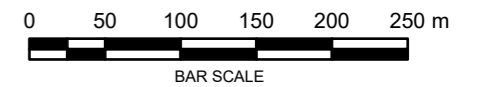


- Legend :**
- Section 4**
- Shantalla Road to Botanic Avenue
  - Indicative Existing Pedestrian Crossings**
  - Signalised Crossing
  - Uncontrolled Crossing

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

**Note 2:** Drawing not to scale, facilities shown in this map are shown indicatively for context

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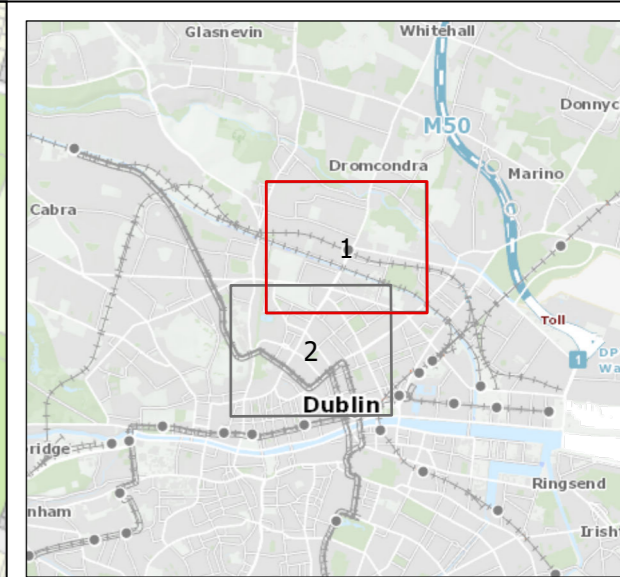
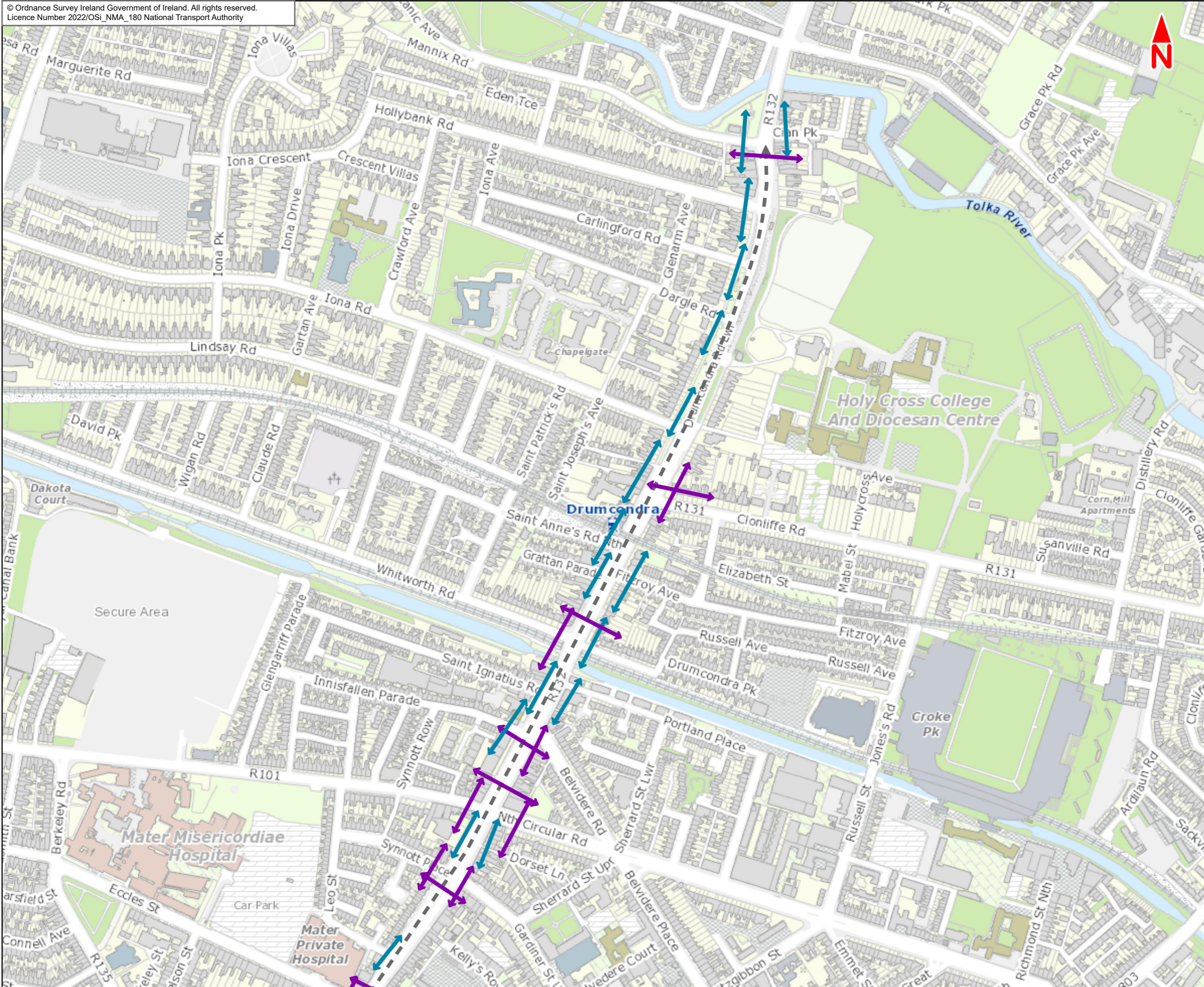
Client

Consultant

Programme Title		<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title		Swords to City Centre Core Bus Corridor Scheme Figure 6.3d Baseline Pedestrian Facilities Swords to City Centre		
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0206	2 of 2	A	M01	

Date	Scale @ A3	Drawn	Checked	Approved
12/04/2023	1:5 000	HCH	EK	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			



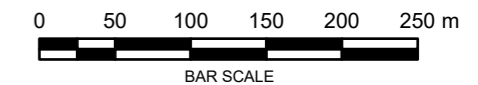


- Legend :**
- Section 5**
- Botanic Avenue to Granby Row
- Existing Pedestrian Crossings**
- Signalised Crossing
  - Uncontrolled Crossing

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

**Note 2:** Drawing not to scale, facilities shown in this map are shown indicatively for context

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**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Date: 12/07/2022  
Scale @ A3: 1:5 000

Project Code: BCIDE  
Originator Code: JAC

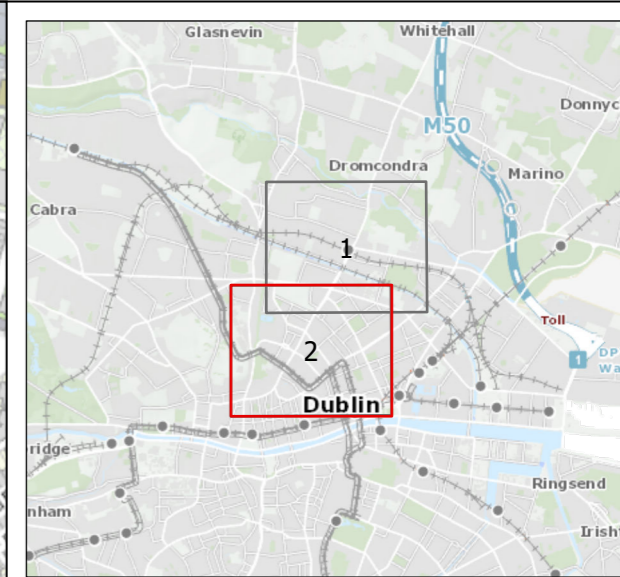
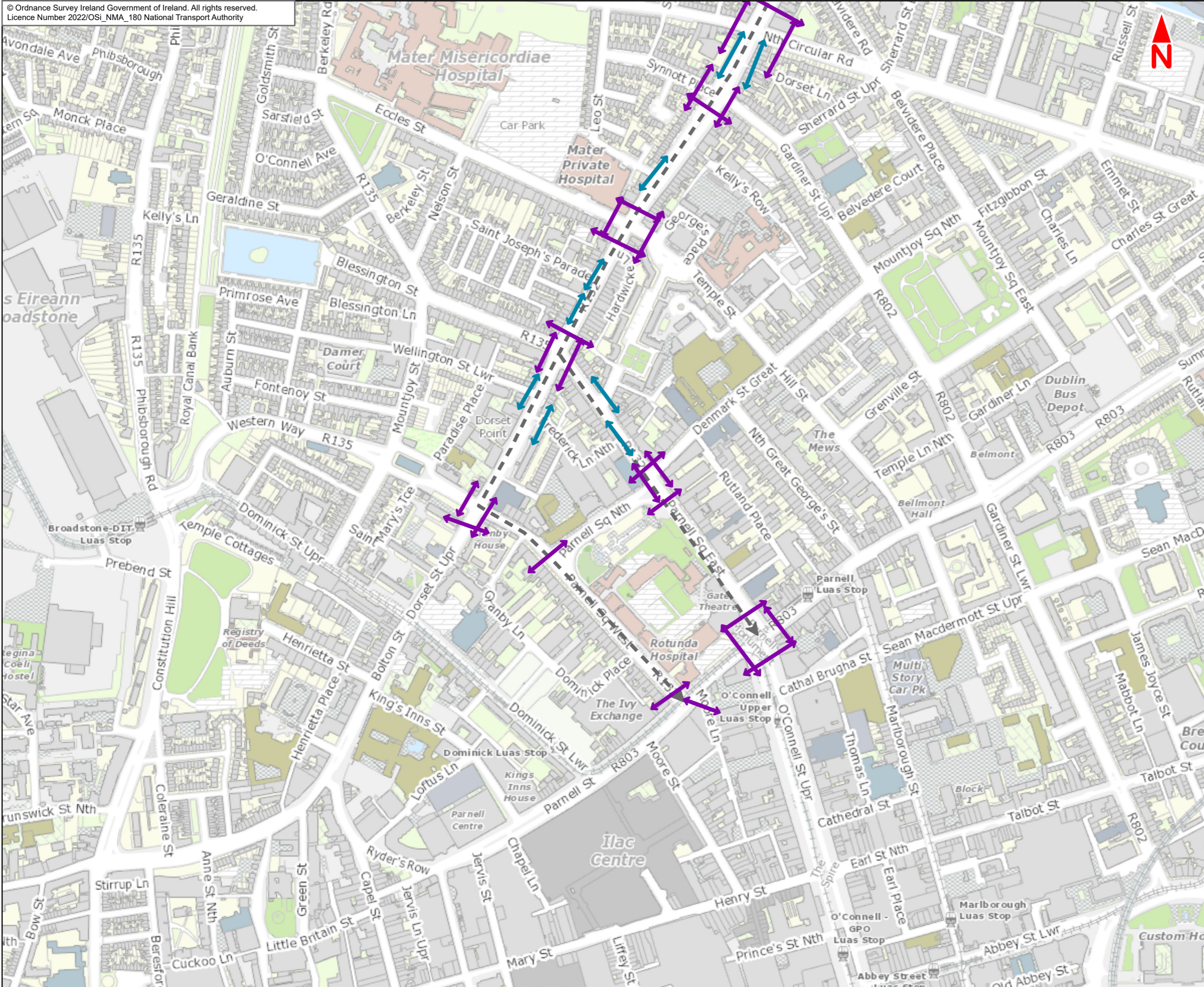
Consultant  
**JACOBS ARUP SYSTRA**

Drawn: HCH  
Checked: EK  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.3e Baseline Pedestrian Facilities Swords to City Centre			
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0207	Sheet Number 1 of 2	Status A	Rev M01



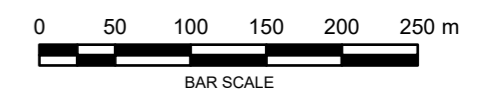


- Legend :**
- Section 5**
- Botanic Avenue to Granby Row
- Existing Pedestrian Crossings**
- Signalled Crossing
  - Uncontrolled Crossing

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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Udarás Náisiúnta Iompair  
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 12/07/2022  
Scale @ A3: 1:5 000

Project Code: BCIDE  
Originator Code: JAC

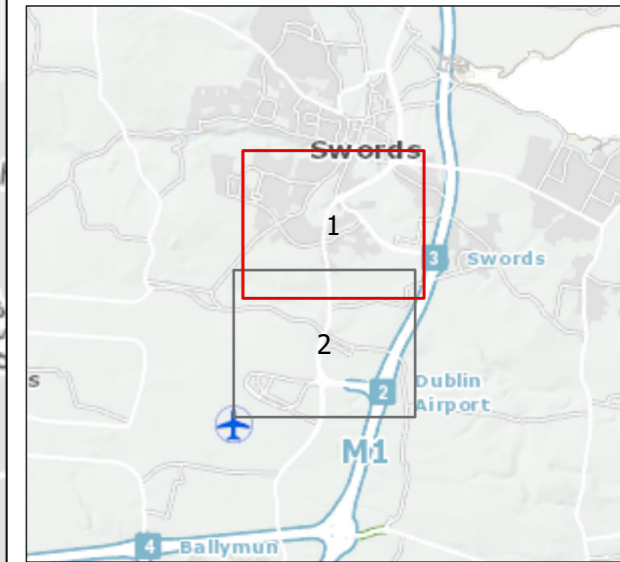
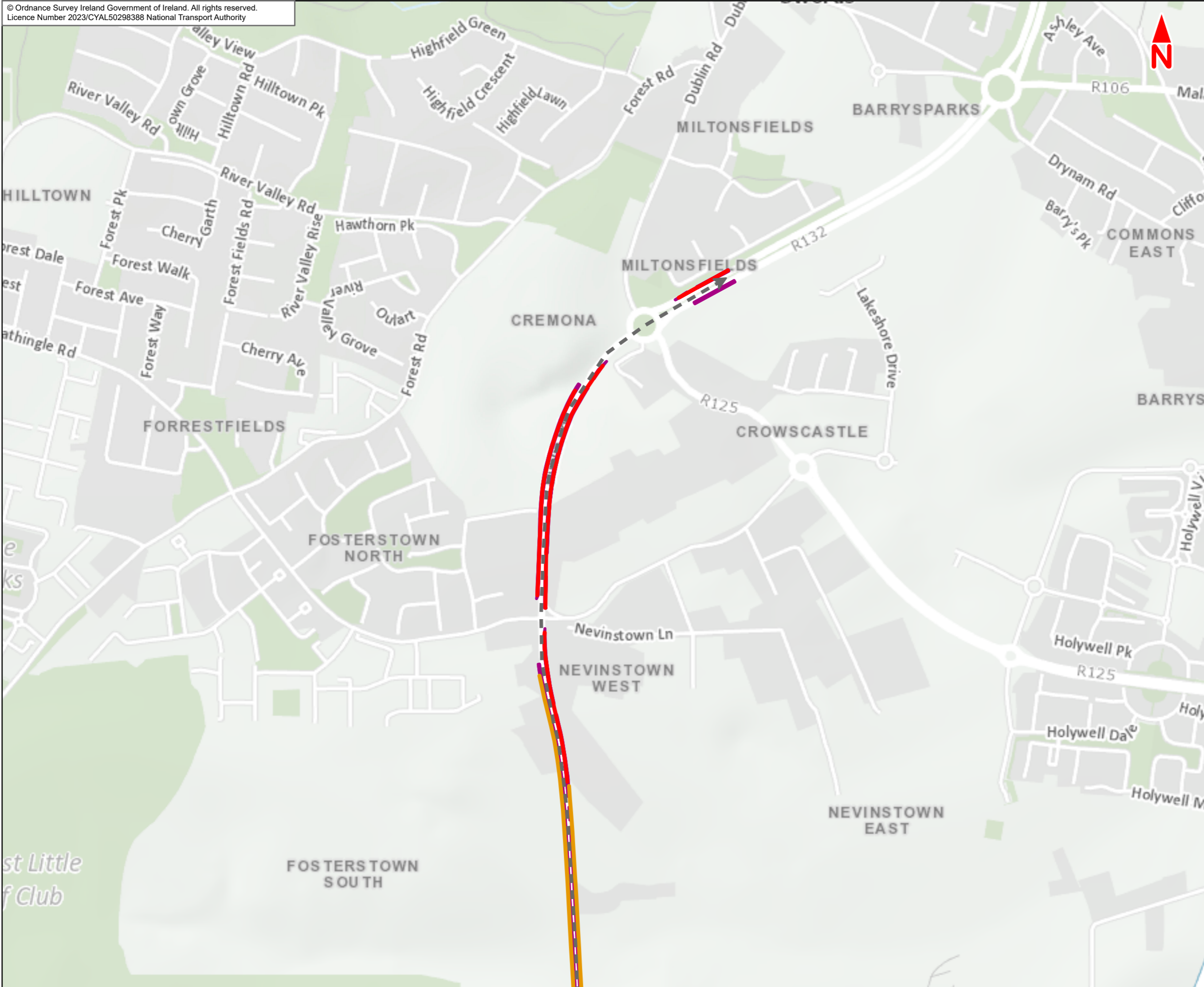
Drawn: HCH  
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Approved: DK

Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 6.3e Baseline Pedestrian Facilities Swords to City Centre		
Drawing File Name	BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0208	Sheet Number	2 of 2
Status	A	Rev	M01



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 dynamic.

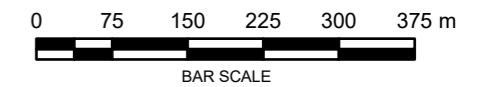
## 6.4 Baseline Cycle Facilities



- Legend :**
- Section 1**
  - Pinnock Hill to Airside Junction
  - Cycle Facilities**
  - Combined Bus and Cycle Lane
  - Cycle Lane
  - Existing Cycle Parking

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

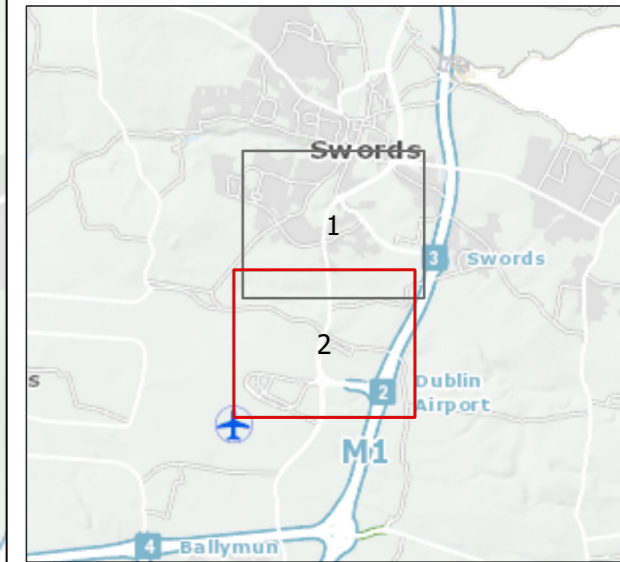
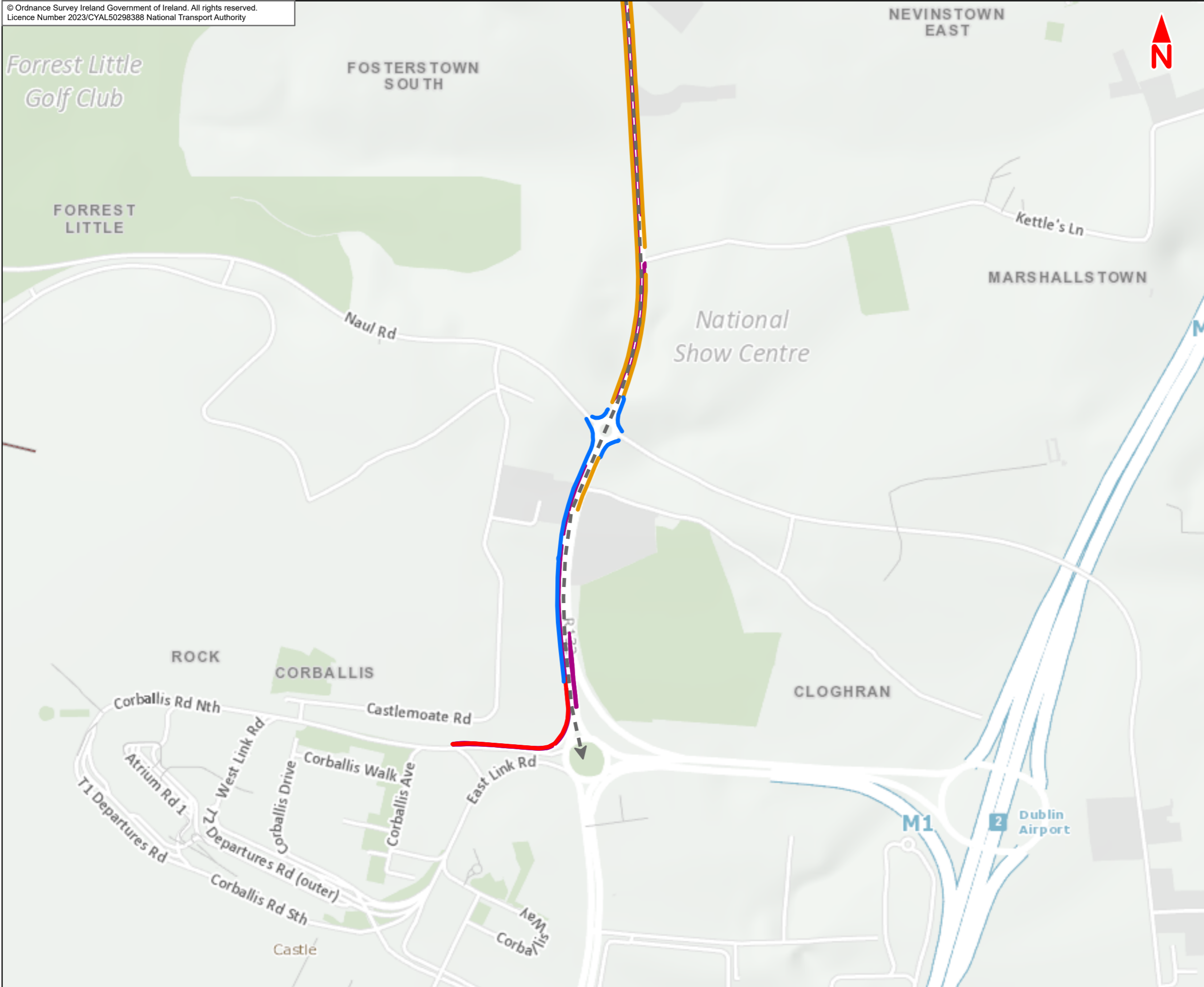
Date: 12/04/2023 | Scale @ A3: 1:7 500

Project Code: BCIDE | Originator Code: JAC

Drawn: HCH | Checked: EK | Approved: DK

QMS Code: \_\_\_\_\_

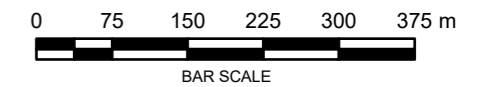
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>Swords to City Centre Core Bus Corridor Scheme Figure 6.4a Baseline Cycling Facilities Swords to City Centre</b>			
Drawing File Name: BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0301	Sheet Number: 1 of 2	Status: A	Rev: M01



- Legend :**
- Section 1**
- Pinnock Hill to Airside Junction
- Cycle Facilities**
- Combined Bus and Cycle Lane
  - Cycle Track
  - Cycle Lane
  - Existing Cycle Parking

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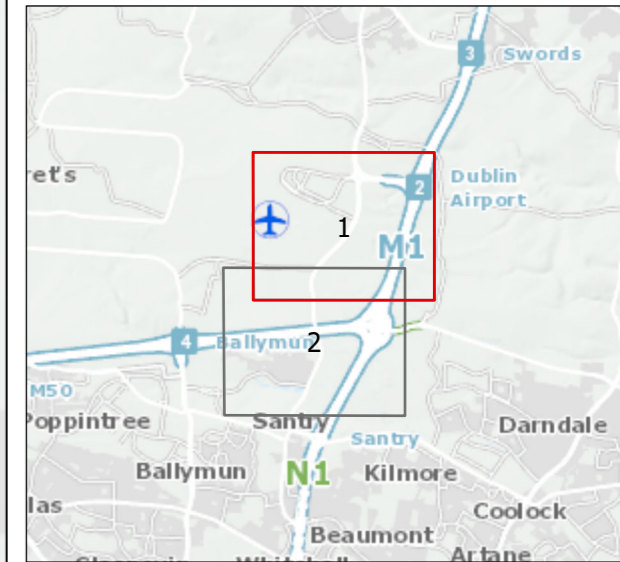
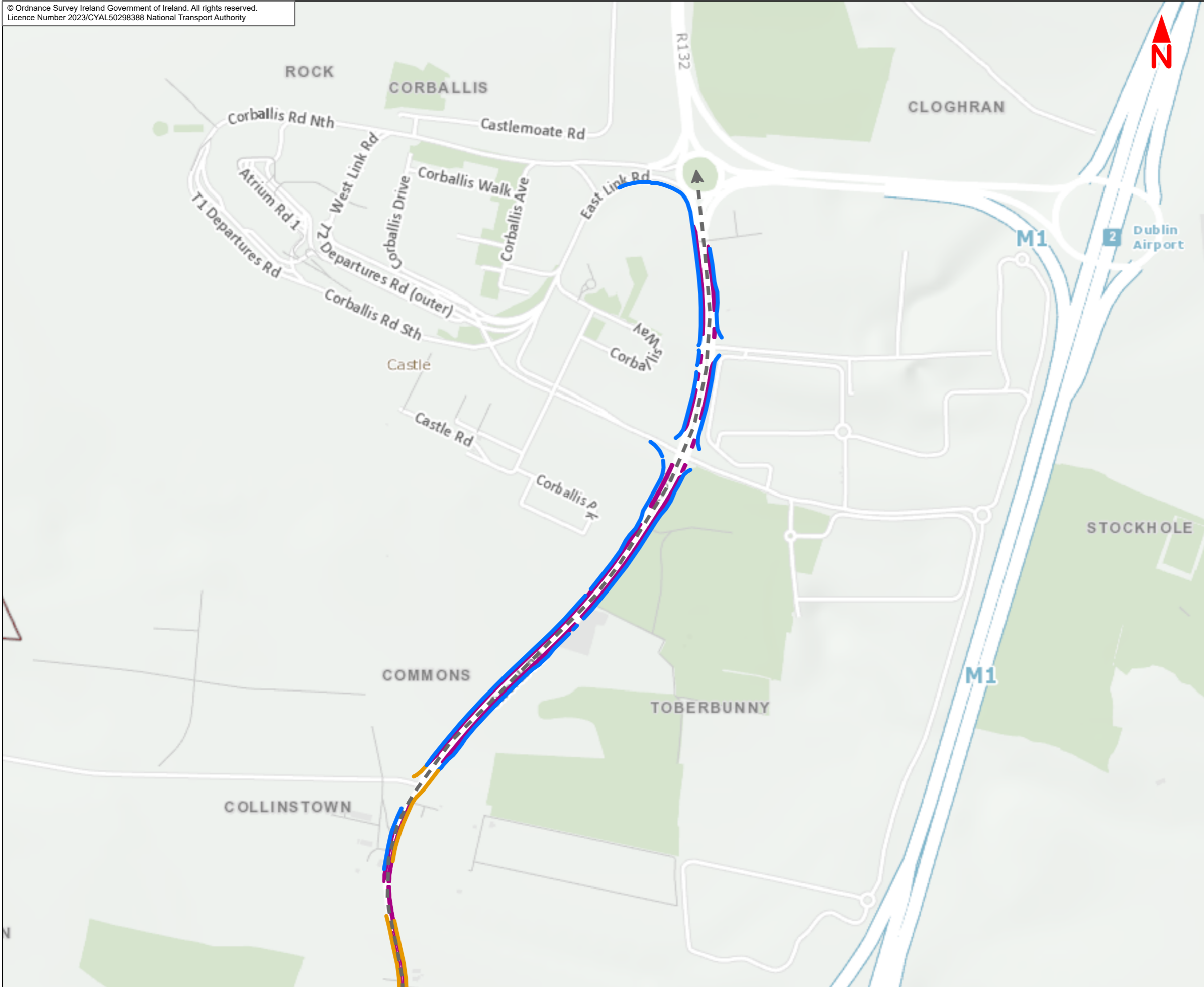


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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.4a Baseline Cycling Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0302	Sheet Number 2 of 2	Status A	Rev M01	

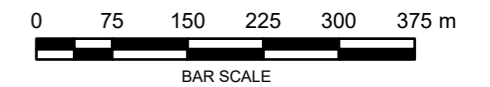




- Legend :**
- Section 2**
  - Airside Junction to Northwood Avenue
  - Cycle Facilities**
  - Cycle Track
  - Cycle Lane
  - Existing Cycle Parking

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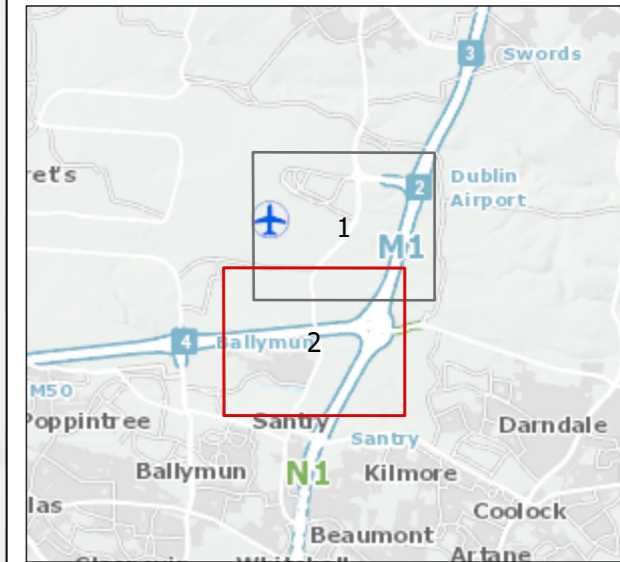
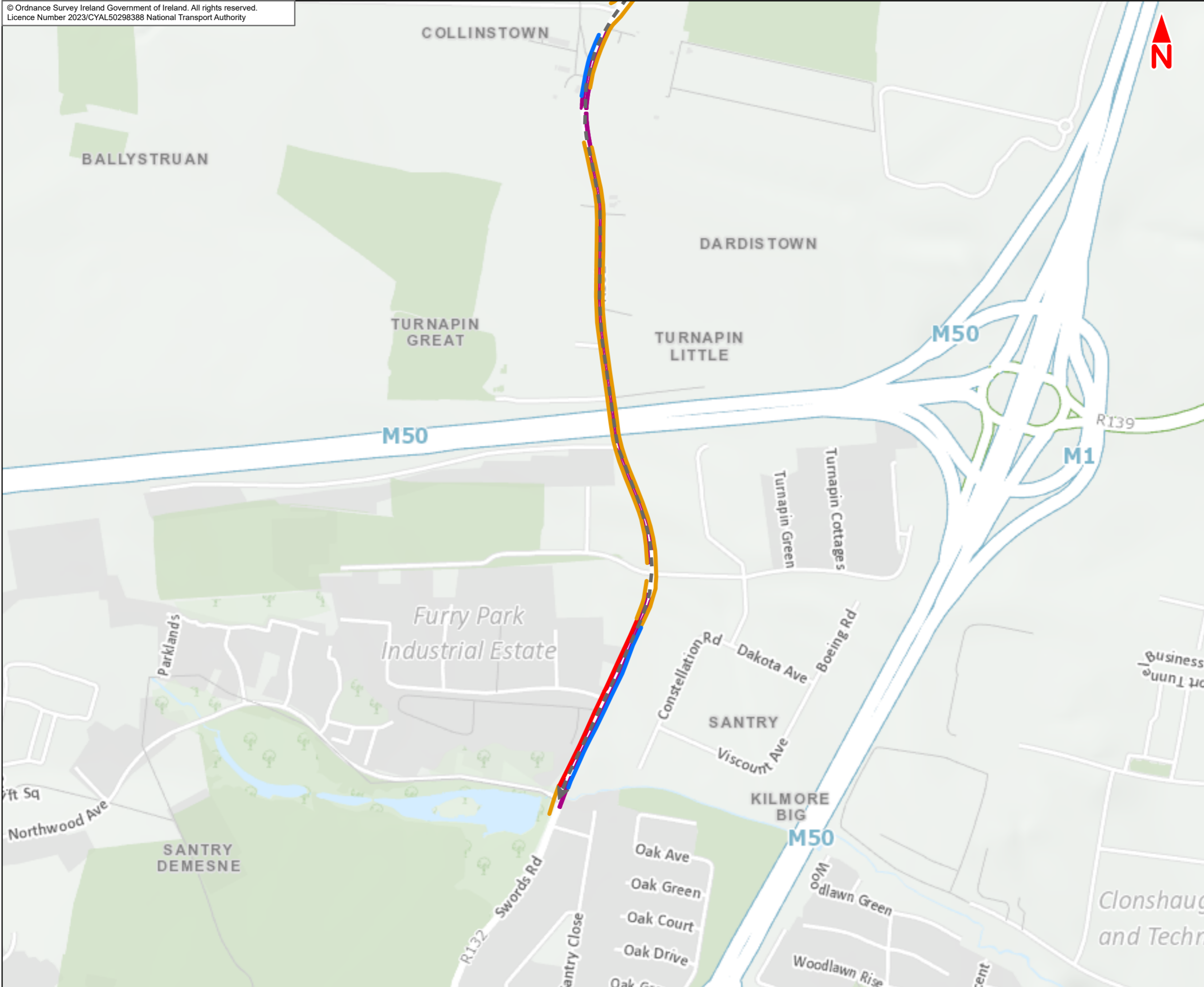
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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

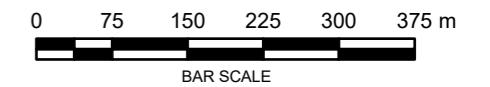
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Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.4b Baseline Cycling Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0303	Sheet Number 1 of 2	Status A	Rev M01	



- Legend :**
- Section 2**
- Airside Junction to Northwood Avenue
- Cycle Facilities**
- Combined Bus and Cycle Lane
  - Cycle Track
  - Cycle Lane
  - Existing Cycle Parking

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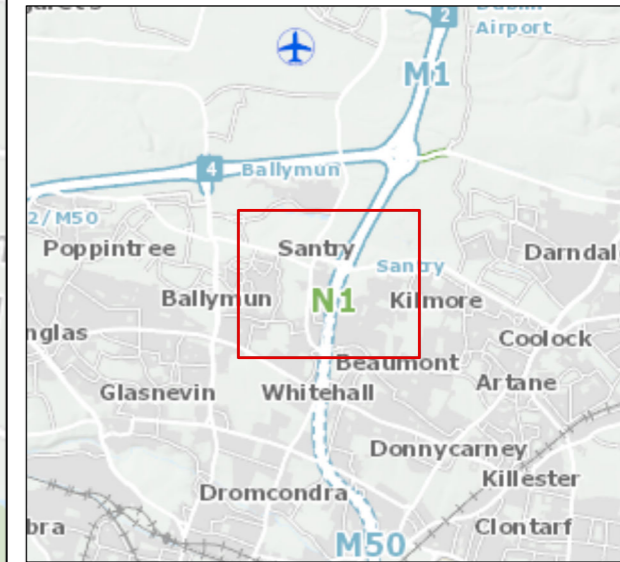
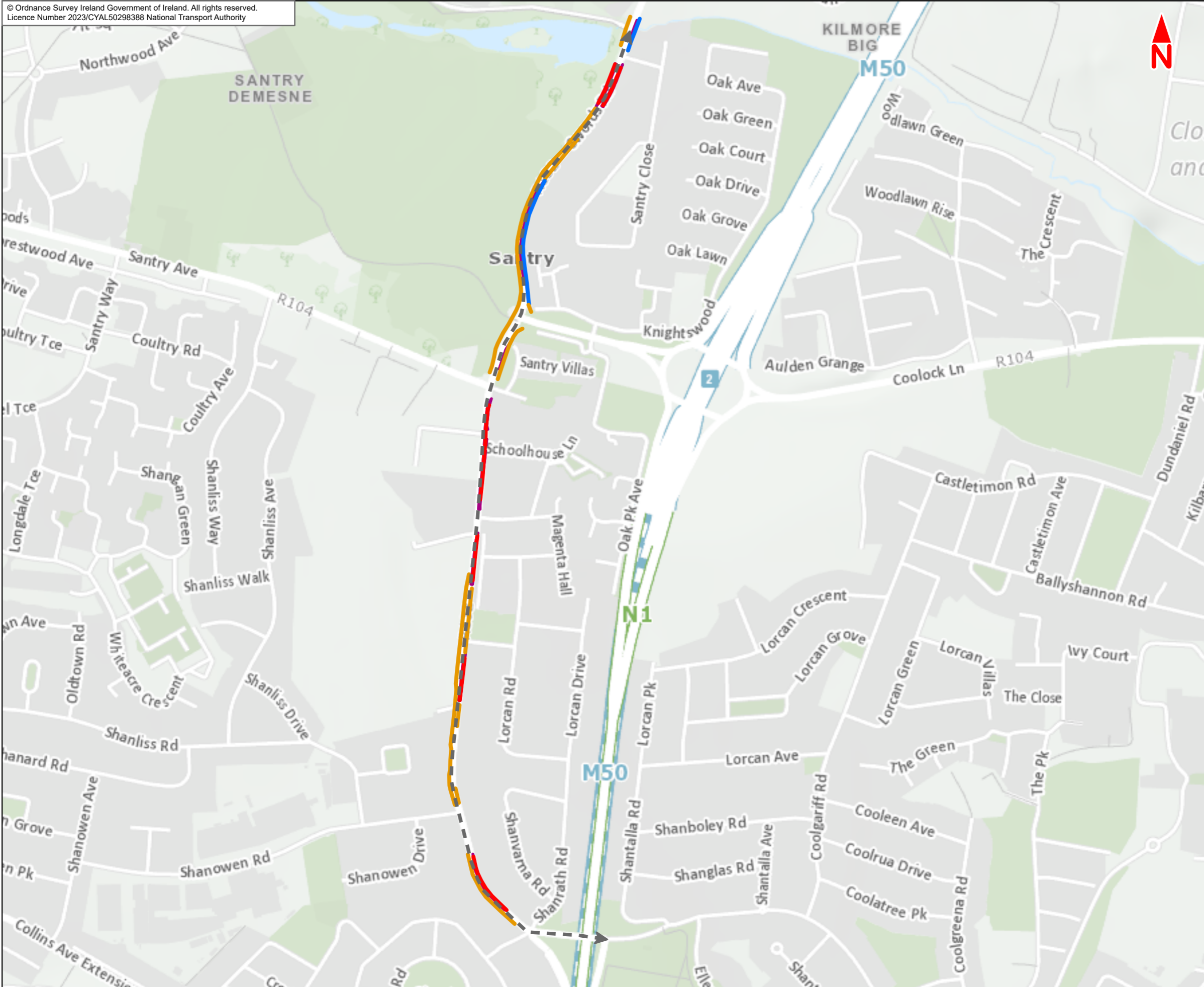


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Date	Scale @ A3	Drawn	Checked	Approved
12/04/2023	1:7 500	HCH	EK	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
<b>Drawing Title</b> Swords to City Centre Core Bus Corridor Scheme Figure 6.4b Baseline Cycling Facilities Swords to City Centre				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0304	2 of 2	A	M01	

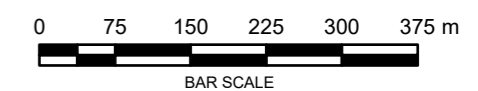




- Legend :**
- Section 3**
- Northwood Avenue to Shantalla Road
- Cycle Facilities**
- Combined Bus and Cycle Lane
  - Cycle Track
  - Cycle Lane
  - Existing Cycle Parking

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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Client

Consultant

Date: 12/04/2023  
Scale @ A3: 1:7 500

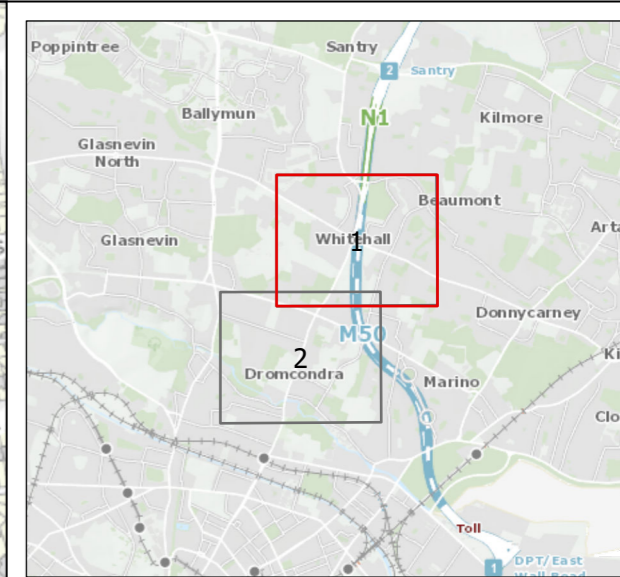
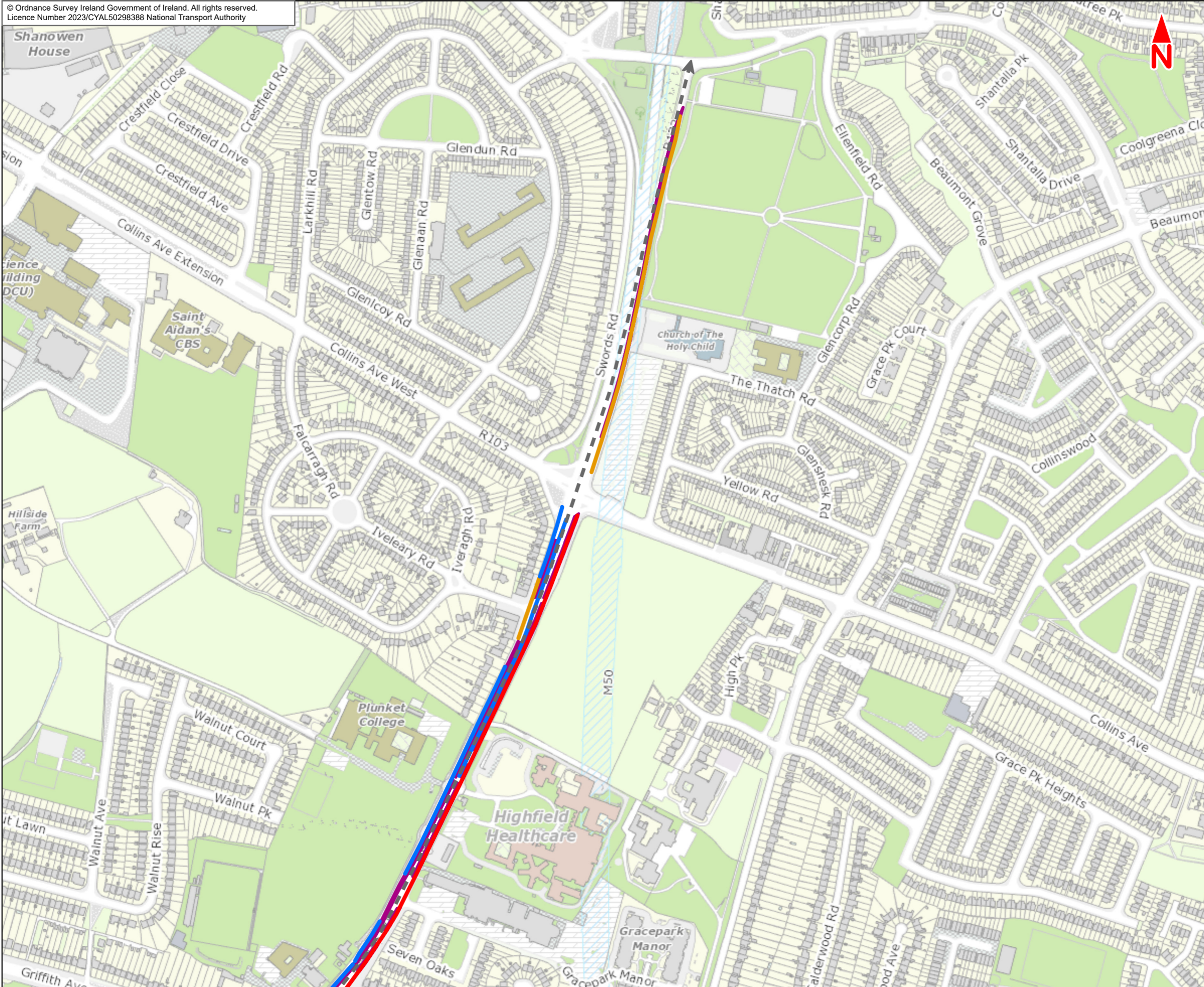
Project Code: BCIDE  
Originator Code: JAC

Drawn: HCH  
Checked: EK  
Approved: DK

QMS Code

Programme Title				<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title				Swords to City Centre Core Bus Corridor Scheme Figure 6.4c Baseline Cycling Facilities Swords to City Centre			
Drawing File Name	Sheet Number	Status	Rev	Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0305	1 of 1	A	M01	BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0305	1 of 1	A	M01

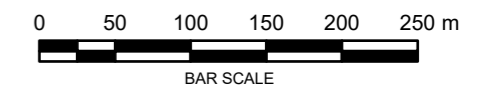




- Legend :**
- Section 4**
- Shantalla Road to Botanic Avenue
- Cycle Facilities**
- Combined Bus and Cycle Lane
  - Cycle Track
  - Cycle Lane
  - Existing Cycle Parking

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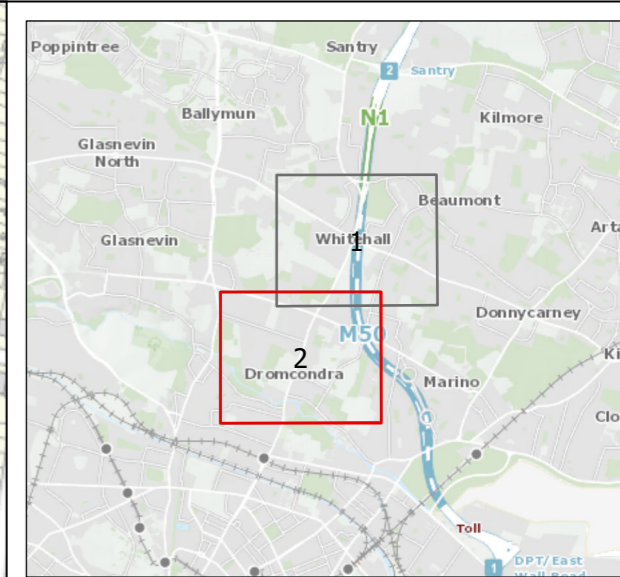
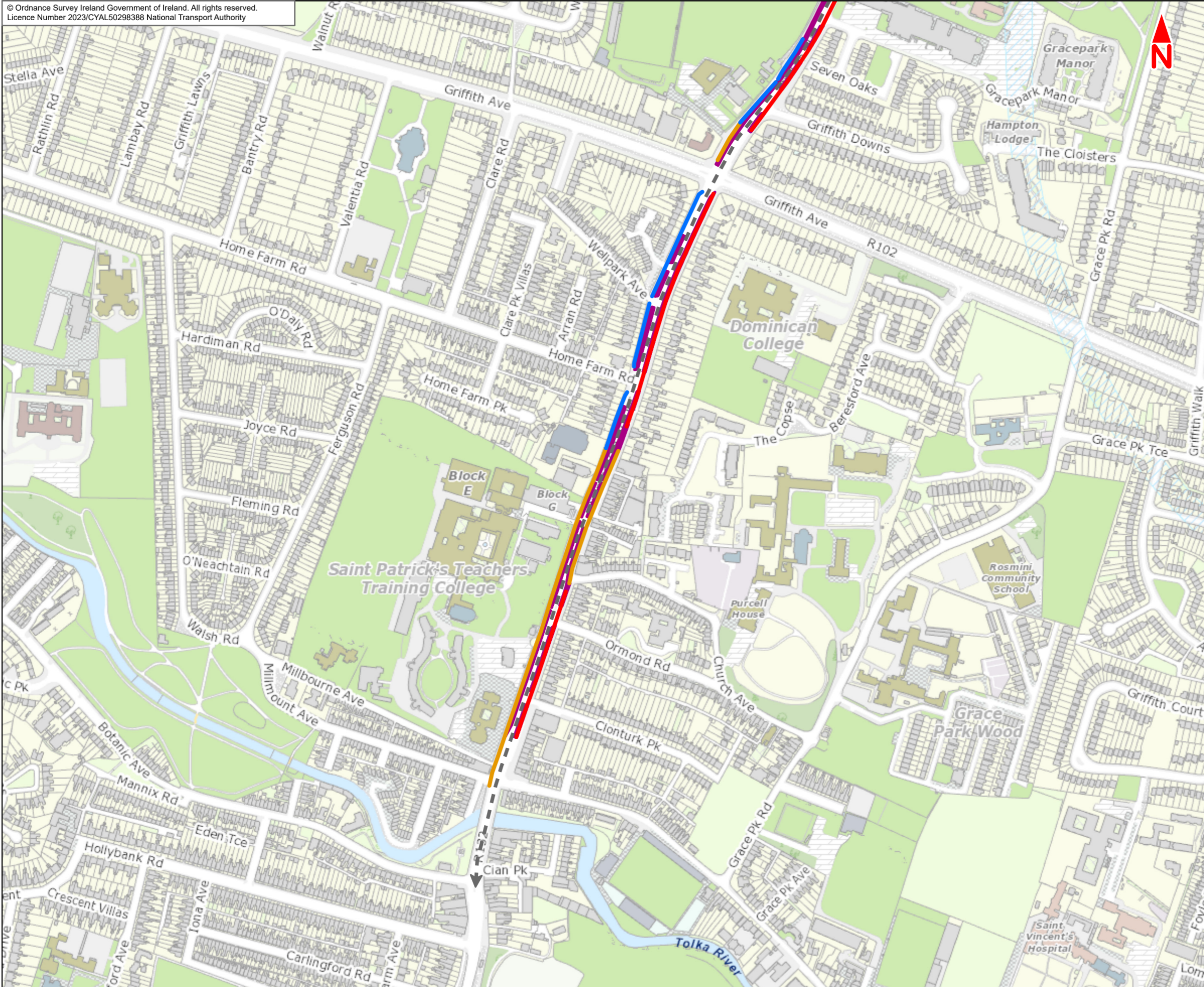
Client  
**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Consultant  
**JACOBS ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.4d Baseline Cycling Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0306	Sheet Number 1 of 2	Status A	Rev M01	

Date 12/04/2023	Scale @ A3 1:5 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

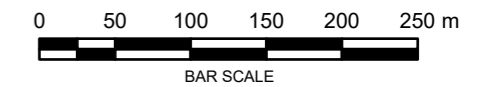




- Legend :**
- Section 4**
- Shantalla Road to Botanic Avenue
- Cycle Facilities**
- Combined Bus and Cycle Lane
  - Cycle Track
  - Cycle Lane
  - Existing Cycle Parking

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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Udarás Náisiúnta Iompair  
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 12/04/2023  
Scale @ A3: 1:5 000

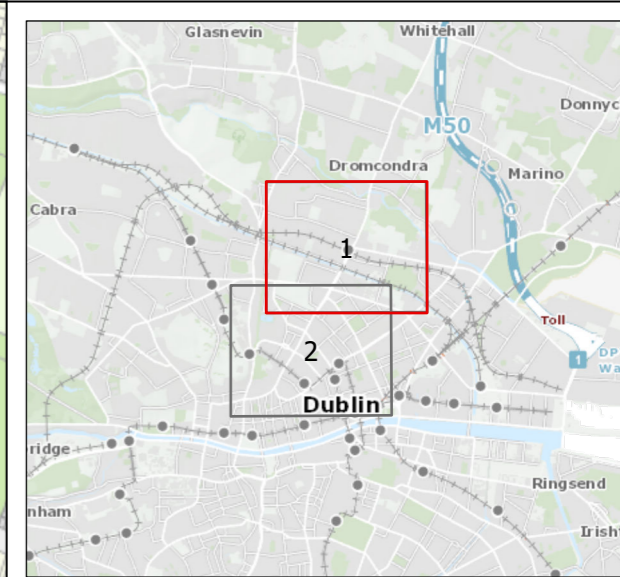
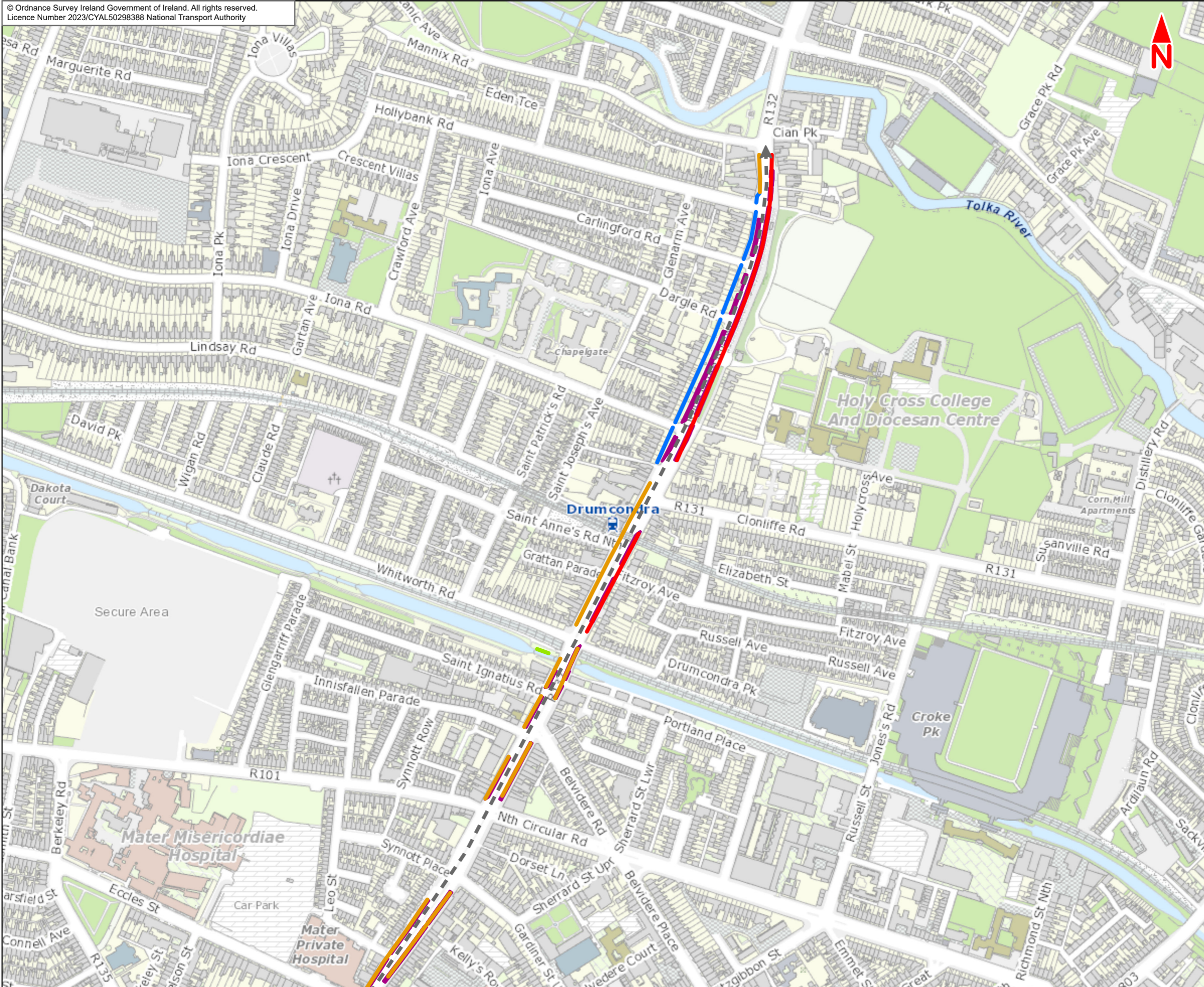
Project Code: BCIDE  
Originator Code: JAC

Drawn: HCH  
Checked: EK  
Approved: DK

QMS Code

Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 6.4d Baseline Cycling Facilities Swords to City Centre		
Drawing File Name	BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0307	Sheet Number	2 of 2
Status	A	Rev	M01

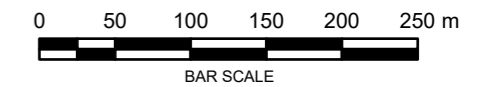




- Legend :**
- Section 5**
- Botanic Avenue to Granby Row
- Cycle Facilities**
- Combined Bus and Cycle Lane
  - Cycle Track
  - Cycle Lane
  - Cycle Greenway
  - Existing Cycle Parking

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National Transport Authority

Date: 12/04/2023  
Scale @ A3: 1:5 000

Project Code: BCIDE  
Originator Code: JAC

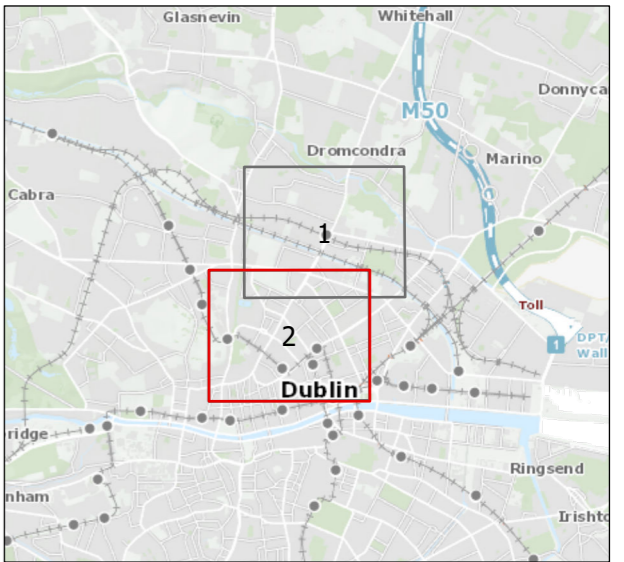
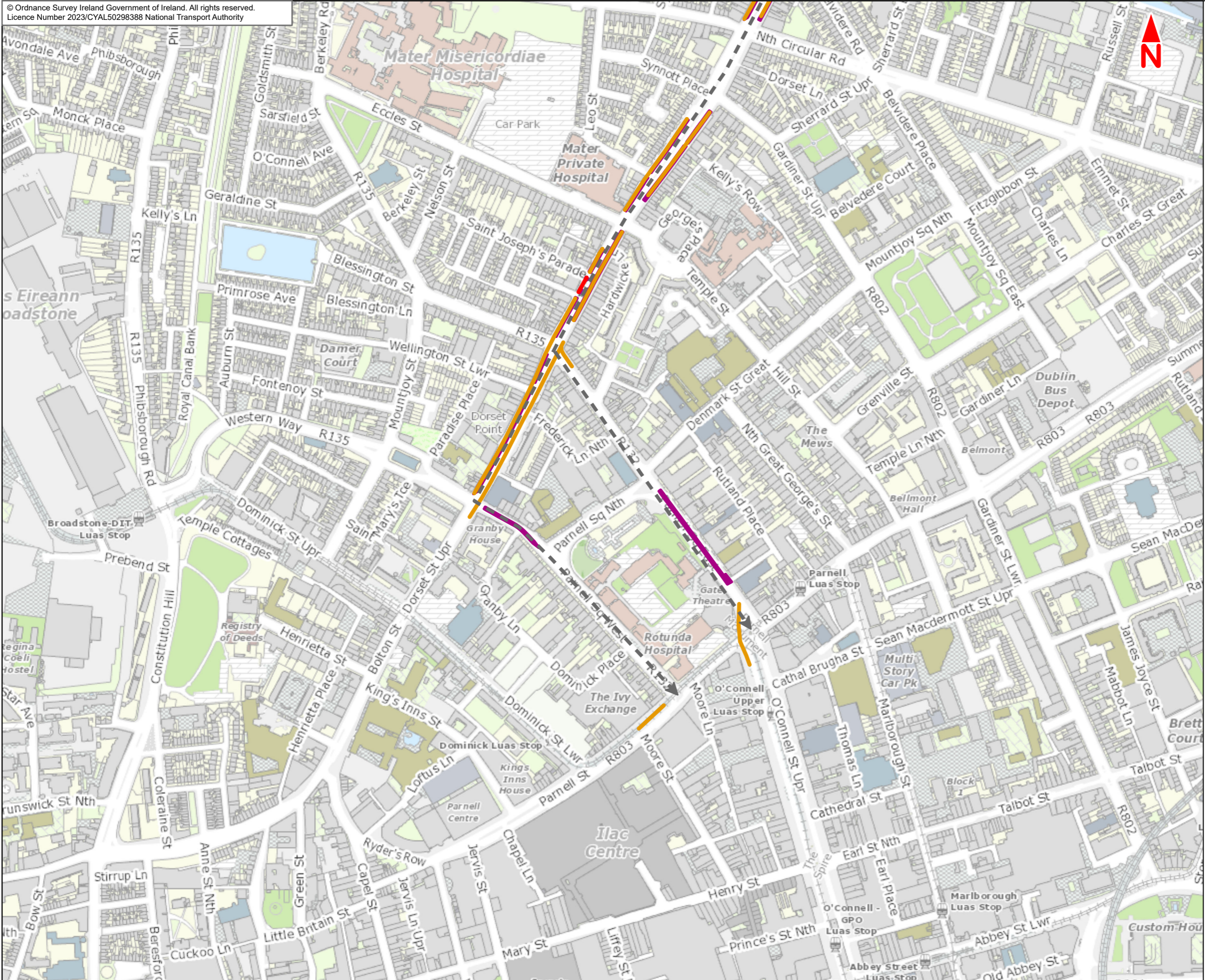
Consultant  
**JACOBS ARUP SYSTRA**

Drawn: HCH  
Checked: EK  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.4e Baseline Cycling Facilities Swords to City Centre			
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0308	Sheet Number 1 of 2	Status A	Rev M01

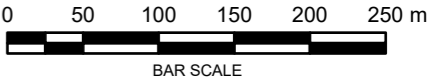




- Legend :**
- Section 5**
- Botanic Avenue to Granby Row
- Cycle Facilities**
- Combined Bus and Cycle Lane
  - Cycle Lane
  - Existing Cycle Parking

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National Transport Authority

Consultant  
**JACOBS**  
**ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.4e Baseline Cycling Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0309	Sheet Number 2 of 2	Status A	Rev M01	

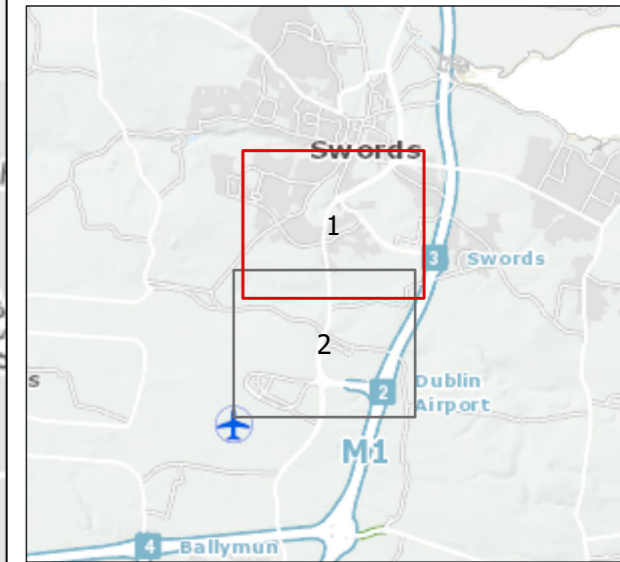
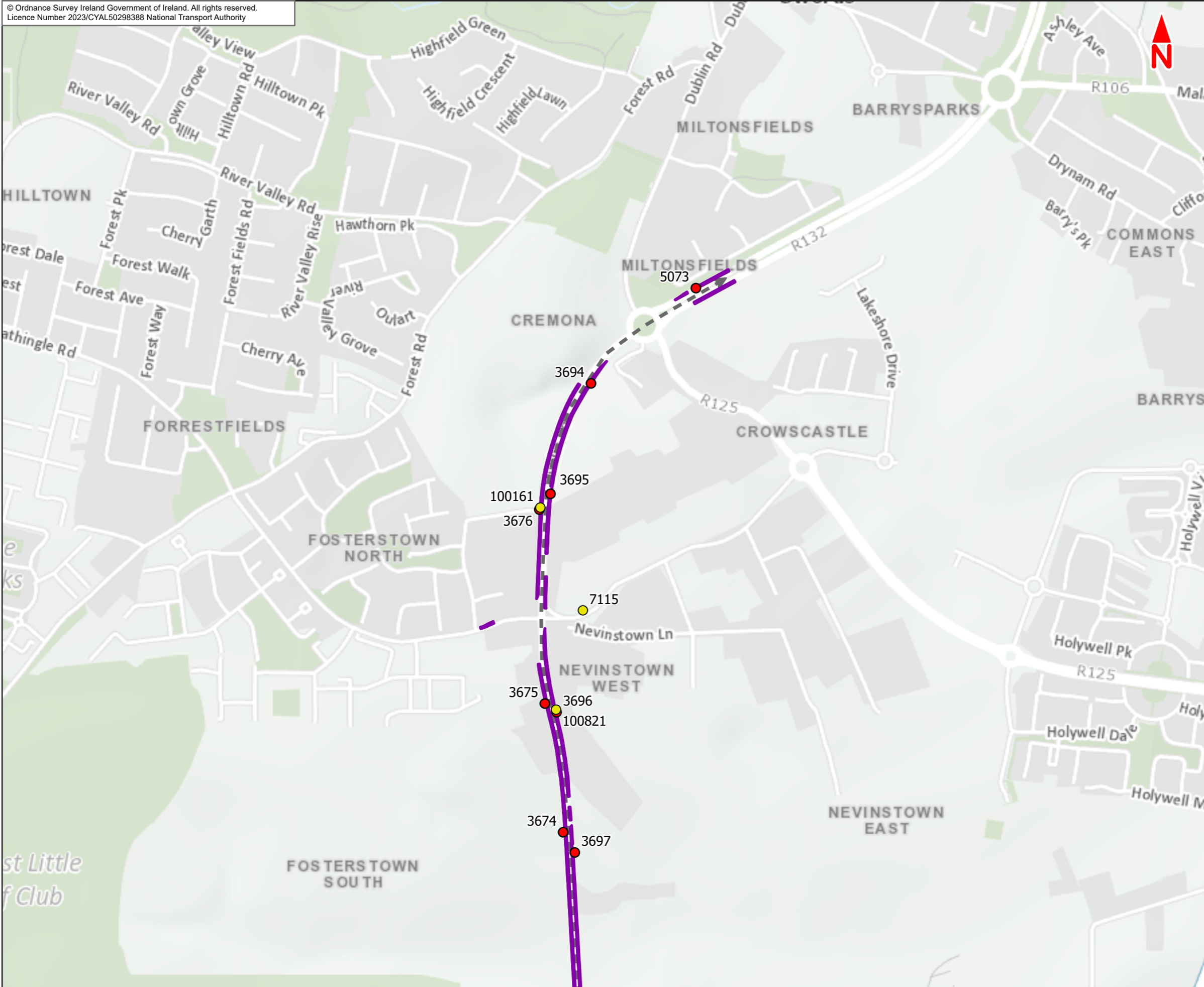
Date 12/04/2023	Scale @ A3 1:5 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		



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 layered, creating a sense of depth and movement. Interspersed among these shapes are several white circles of varying sizes, some of which are partially enclosed by the blue and green forms. The overall aesthetic is modern and clean.

## 6.5 Baseline Bus Facilities

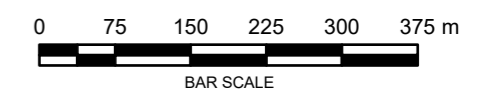




- Legend :**
- Section 1**
- Pinnock Hill to Airside Junction
- Bus Facilities**
- Existing Bus Stop with Shelter
  - Existing Bus Stop without Shelter
  - Existing Bus Lane

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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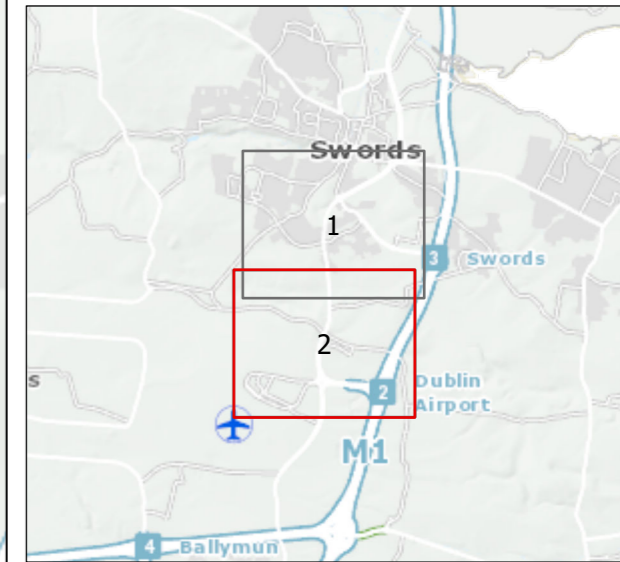
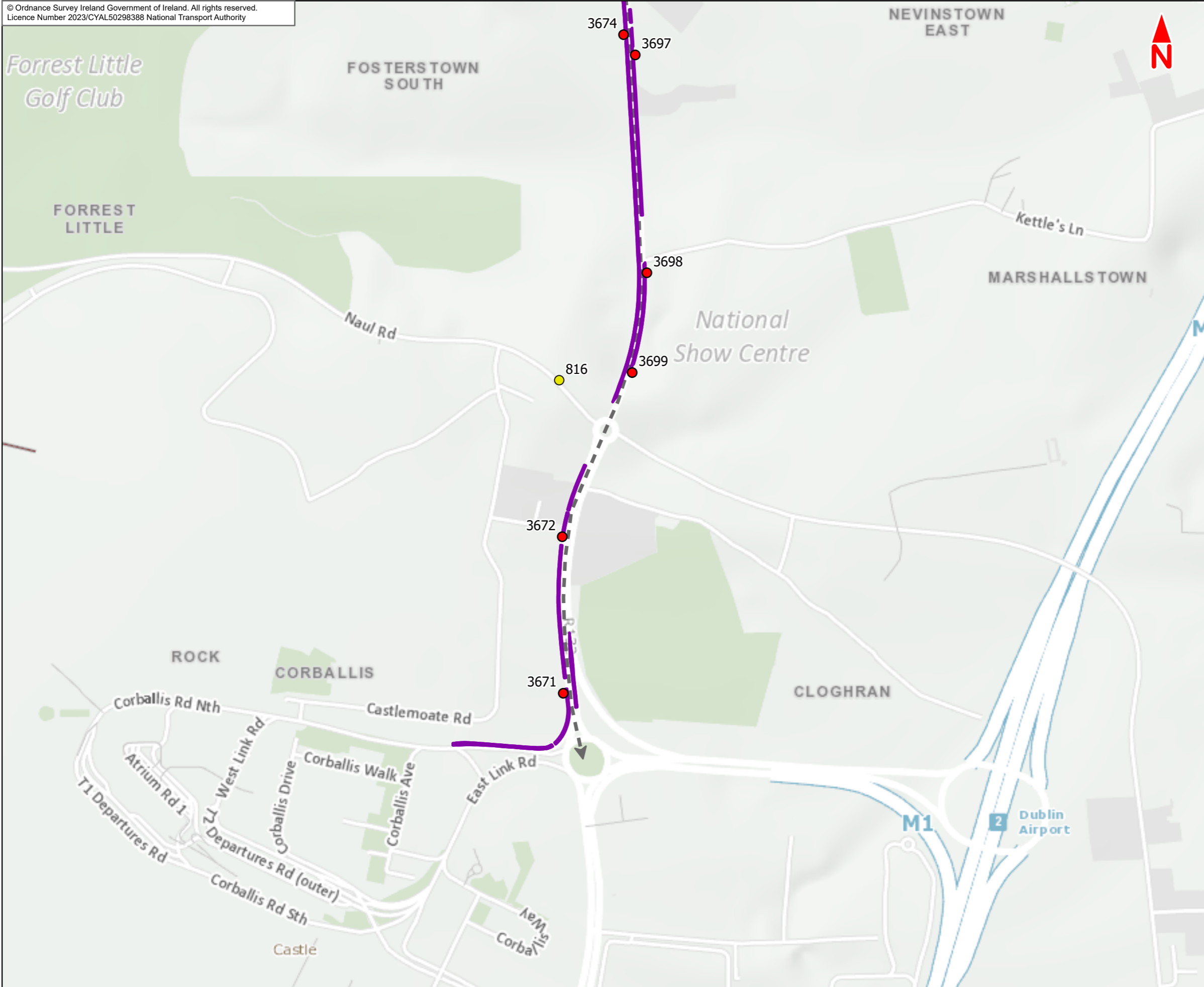
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Date	Scale @ A3	Drawn	Checked	Approved
12/04/2023	1:7 500	HCH	EK	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
<b>Drawing Title</b> Swords to City Centre Core Bus Corridor Scheme Figure 6.5a Baseline Bus Facilities Swords to City Centre				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0401	1 of 2	A	M01	

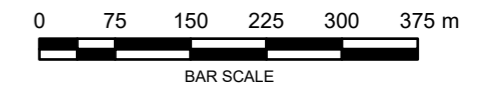




- Legend :**
- Section 1**
- Pinnock Hill to Airside Junction
- Bus Facilities**
- Existing Bus Stop with Shelter
  - Existing Bus Stop without Shelter
  - Existing Bus Lane

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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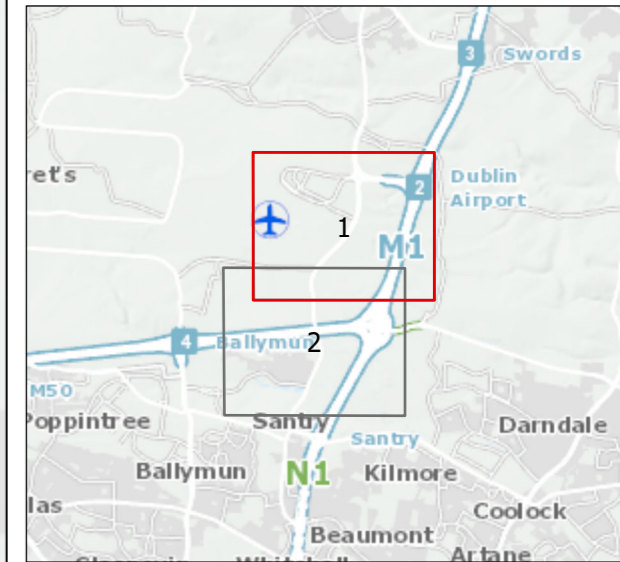
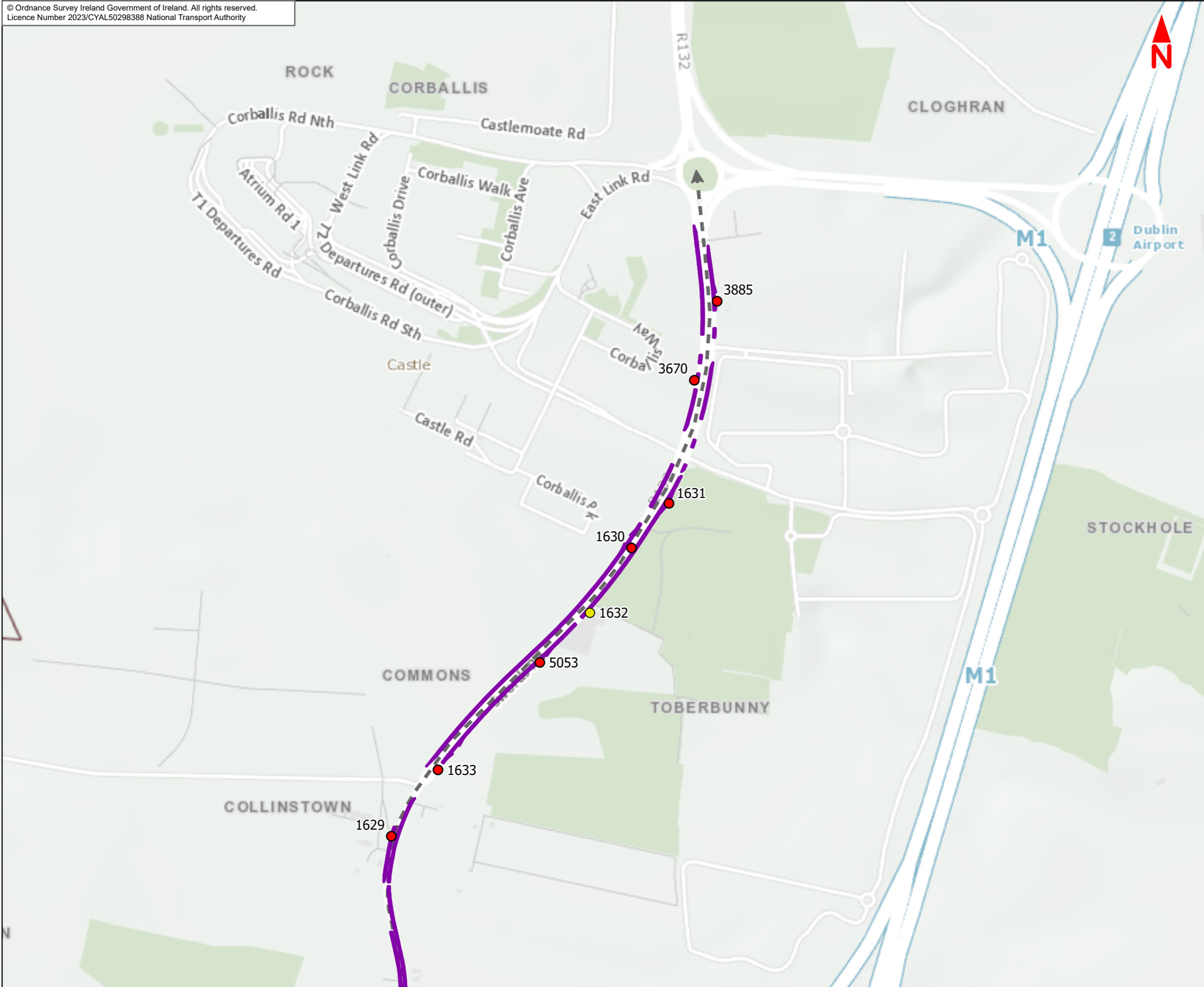


Rev	Date	Drn	Chk'd	App'd	Description
M01	Apr 2023	HCH	EK	DK	ISSUE FOR PHASE 4 : PLANNING

Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.5a Baseline Bus Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0402	Sheet Number 2 of 2	Status A	Rev M01	

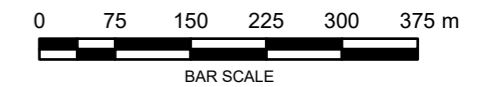




- Legend :**
- Section 2**
- Airside Junction to Northwood Avenue
- Bus Facilities**
- Existing Bus Stop with Shelter
  - Existing Bus Stop without Shelter
  - Existing Bus Lane

**Note 1:** Facilities contained within the Swords to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown

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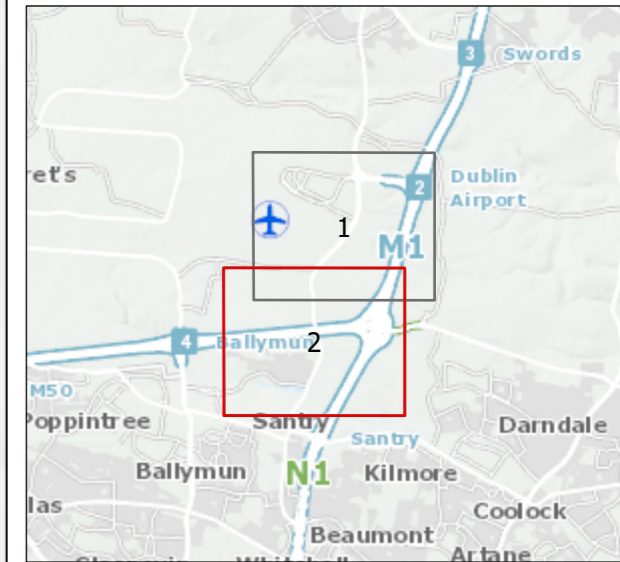
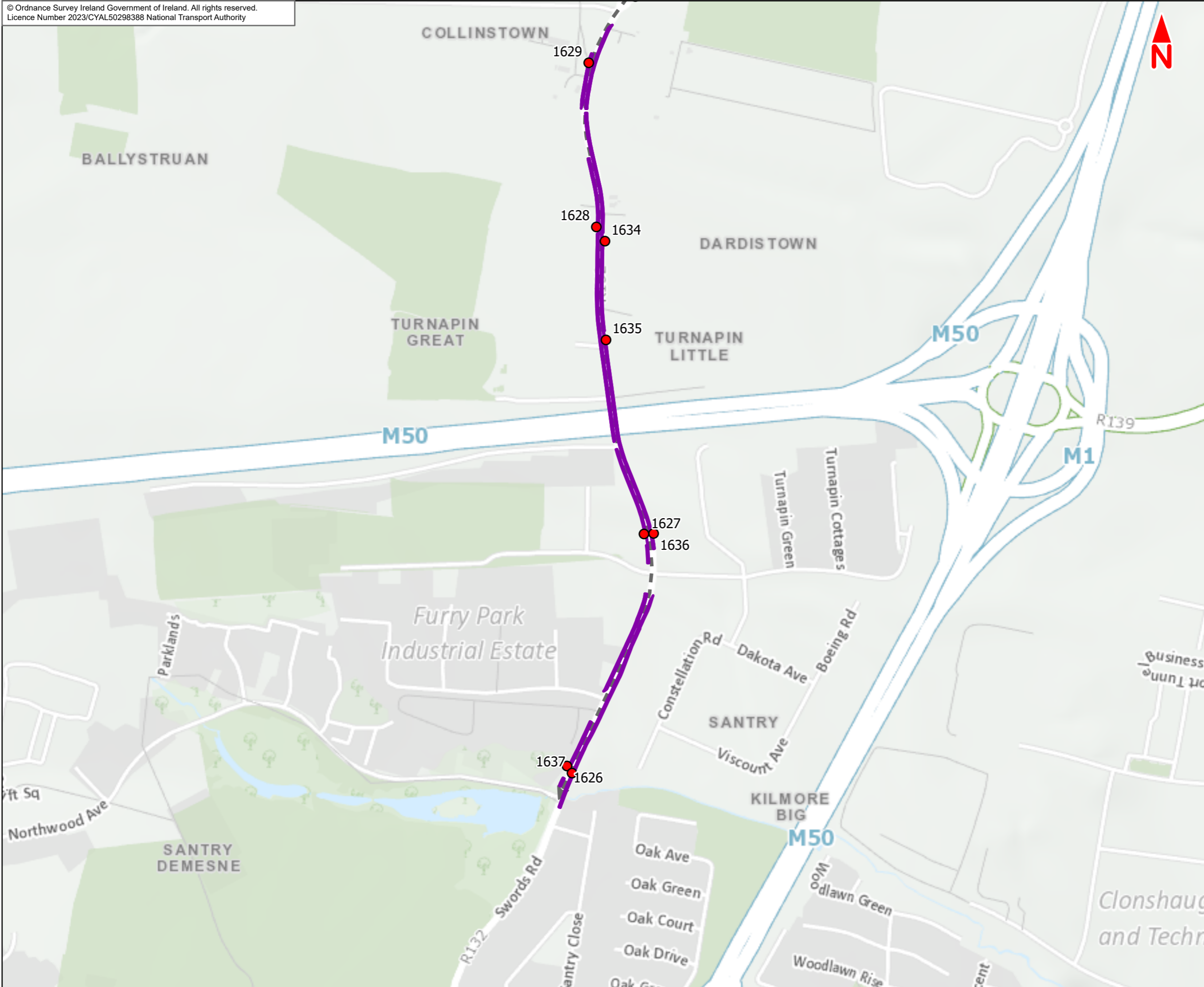


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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:7 500	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.5b Baseline Bus Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0403	Sheet Number 1 of 2	Status A	Rev M01	





**Legend :**

**Section 2**

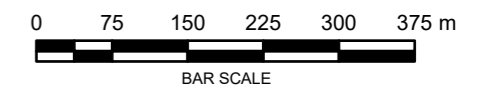
◀ Airside Junction to Northwood Avenue

**Bus Facilities**

- Existing Bus Stop with Shelter
- Existing Bus Stop without Shelter
- █ Existing Bus Lane

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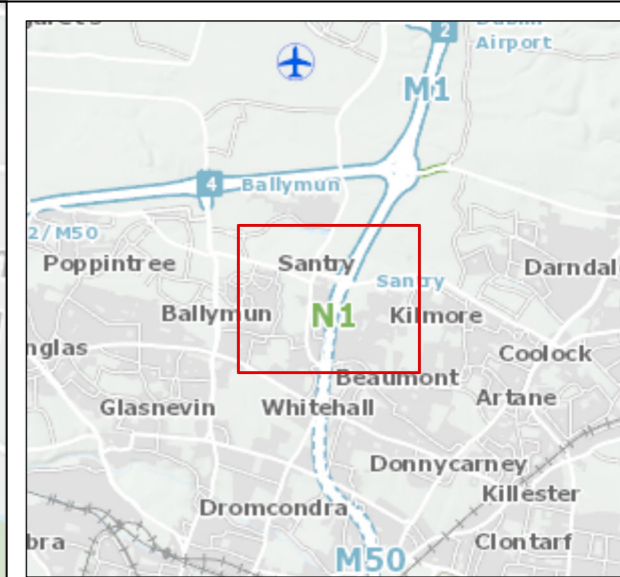
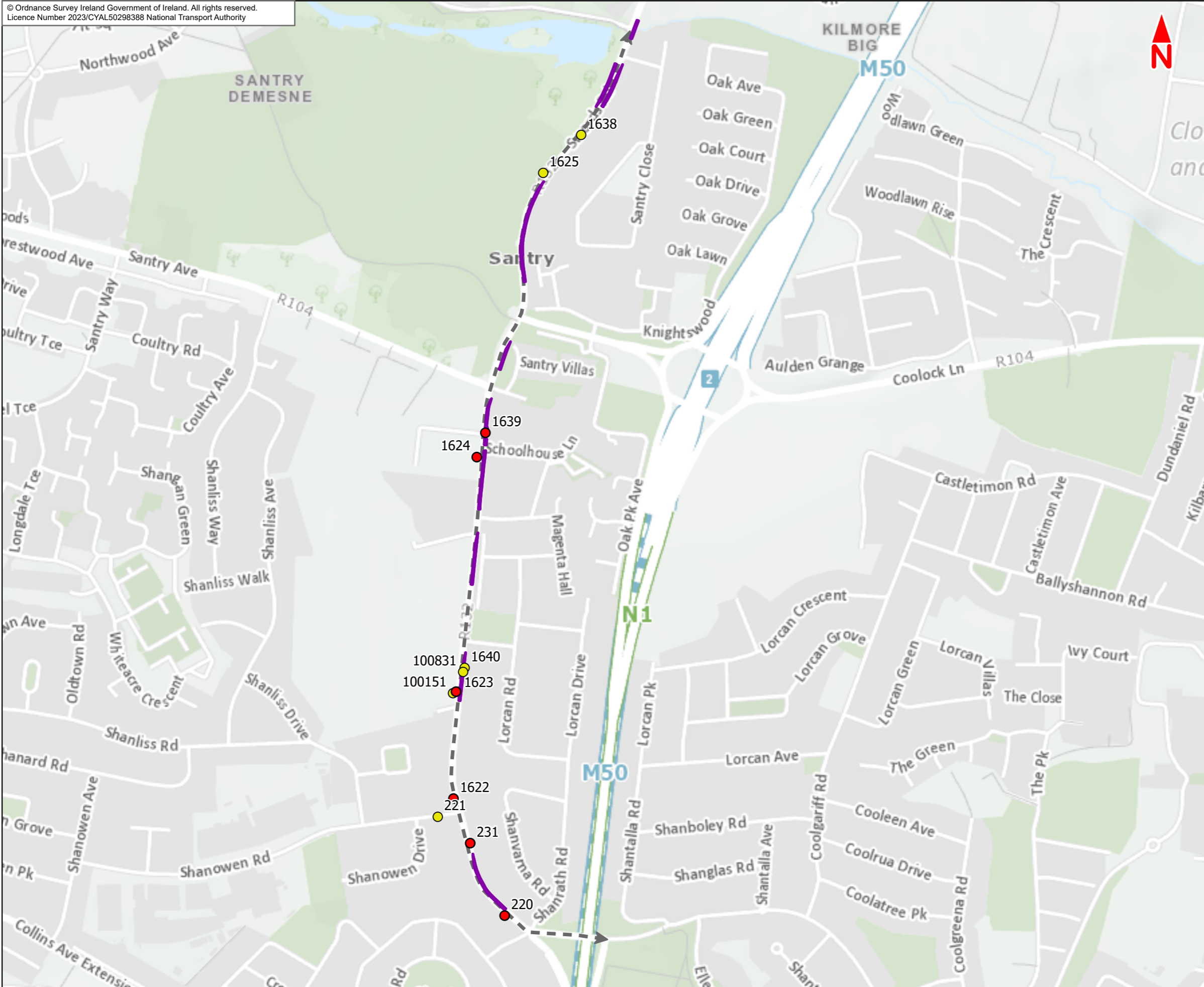


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Date	Scale @ A3	Drawn	Checked	Approved
12/04/2023	1:7 500	HCH	EK	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
<b>Drawing Title</b> Swords to City Centre Core Bus Corridor Scheme Figure 6.5b Baseline Bus Facilities Swords to City Centre				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0404	2 of 2	A	M01	

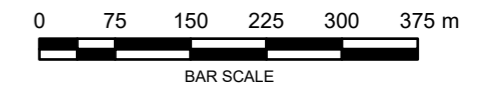




- Legend :**
- Section 3**
- Northwood Avenue to Shantalla Road
- Bus Facilities**
- Existing Bus Stop with Shelter
  - Existing Bus Stop without Shelter
  - Existing Bus Lane

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

Consultant: **JACOBS ARUP SYSTRA**

Date: 12/04/2023 | Scale @ A3: 1:7 500

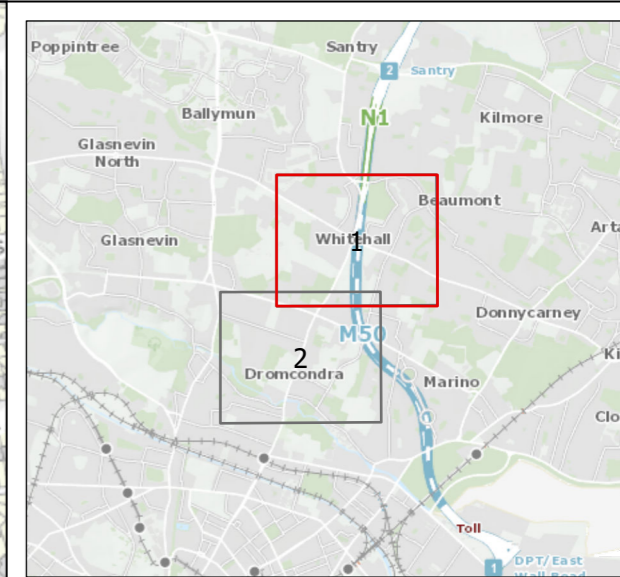
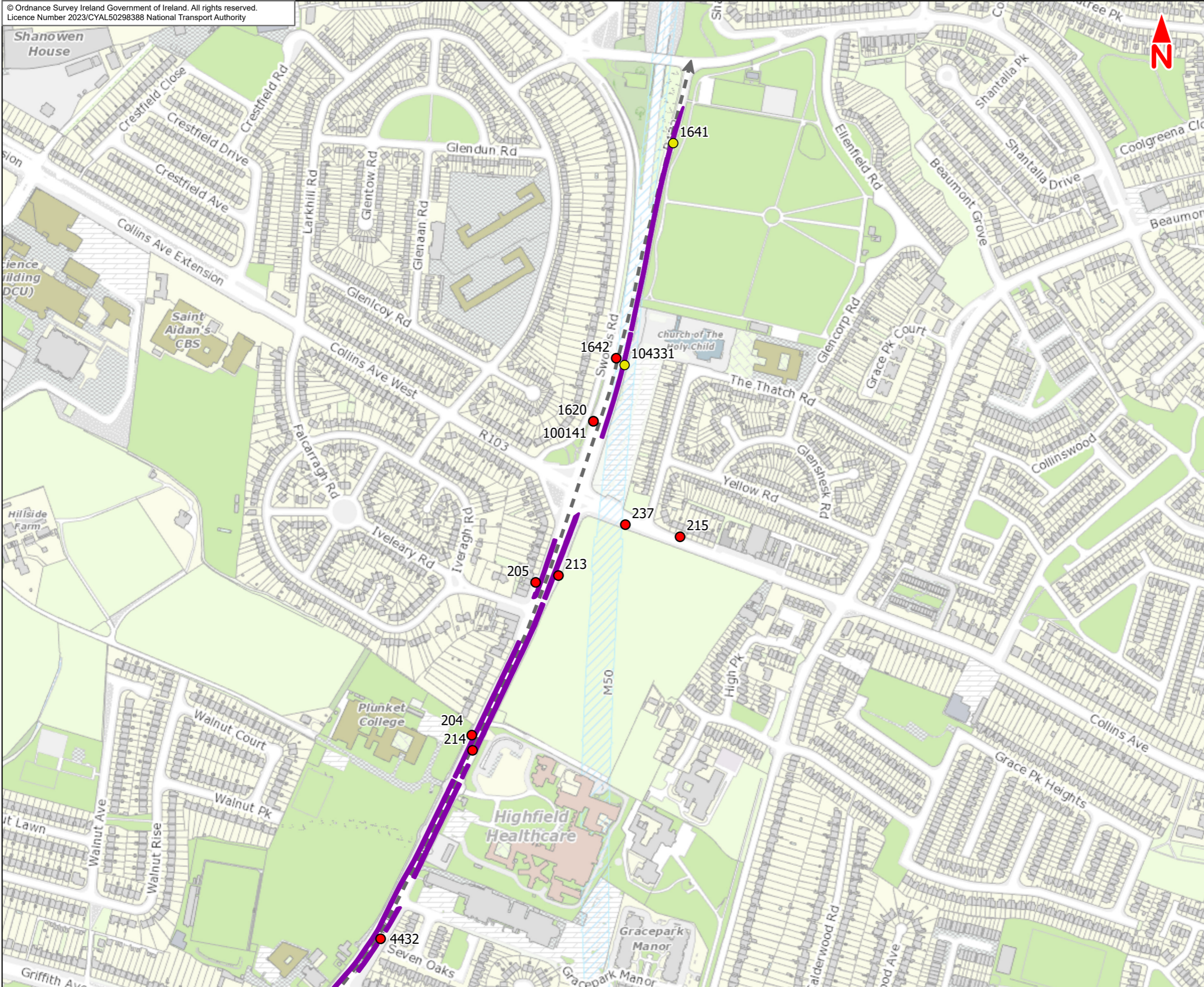
Project Code: BCIDE | Originator Code: JAC

Drawn: HCH | Checked: EK | Approved: DK

QMS Code: \_\_\_\_\_

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Swords to City Centre Core Bus Corridor Scheme Figure 6.5c Baseline Bus Facilities Swords to City Centre			
Drawing File Name: BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0405	Sheet Number: 1 of 1	Status: A	Rev: M01





**Legend :**

**Section 4**

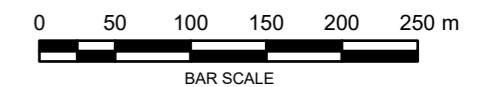
◄ Shantalla Road to Botanic Avenue

**Bus Facilities**

- Existing Bus Stop with Shelter
- Existing Bus Stop without Shelter
- █ Existing Bus Lane

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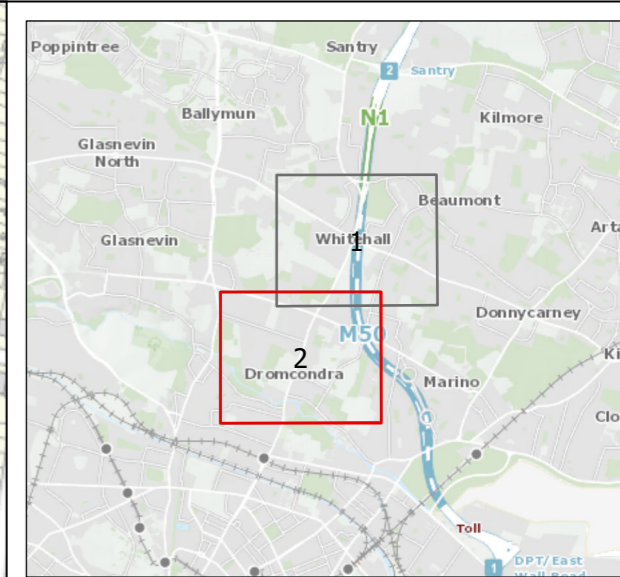
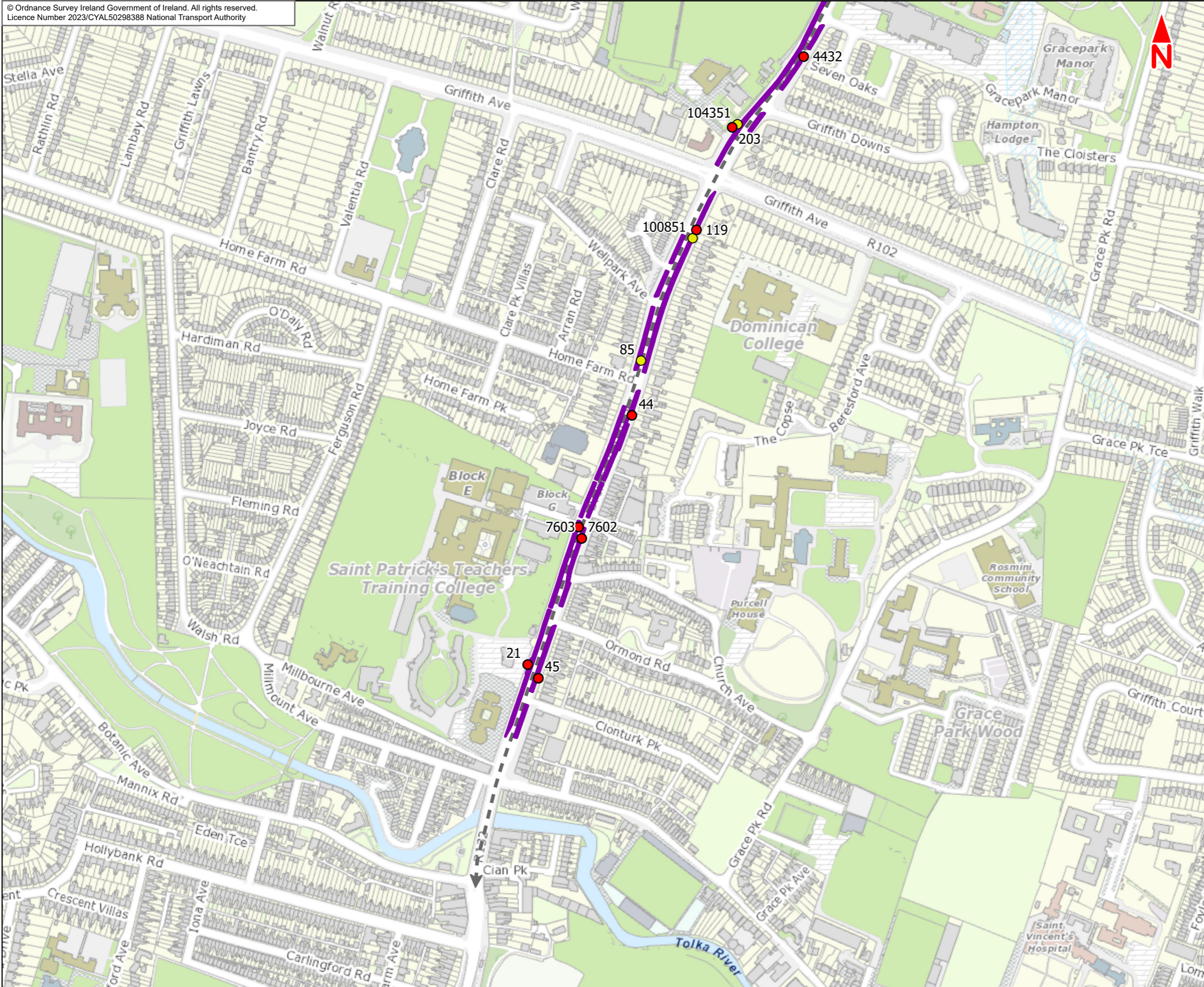
Client  
**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Consultant  
**JACOBS ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.5d Baseline Bus Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0406	Sheet Number 1 of 2	Status A	Rev M01	

Date 12/04/2023	Scale @ A3 1:5 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

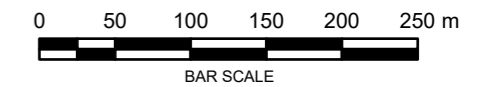




- Legend :**
- Section 4**
- Shantalla Road to Botanic Avenue
- Bus Facilities**
- Existing Bus Stop with Shelter
  - Existing Bus Stop without Shelter
  - Existing Bus Lane

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

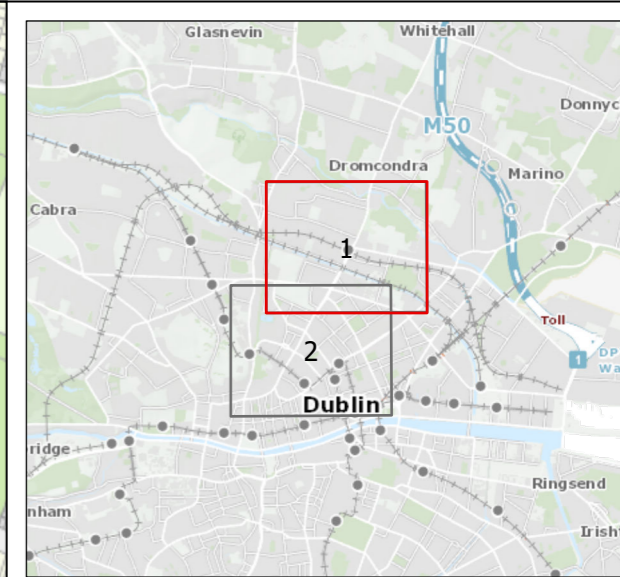
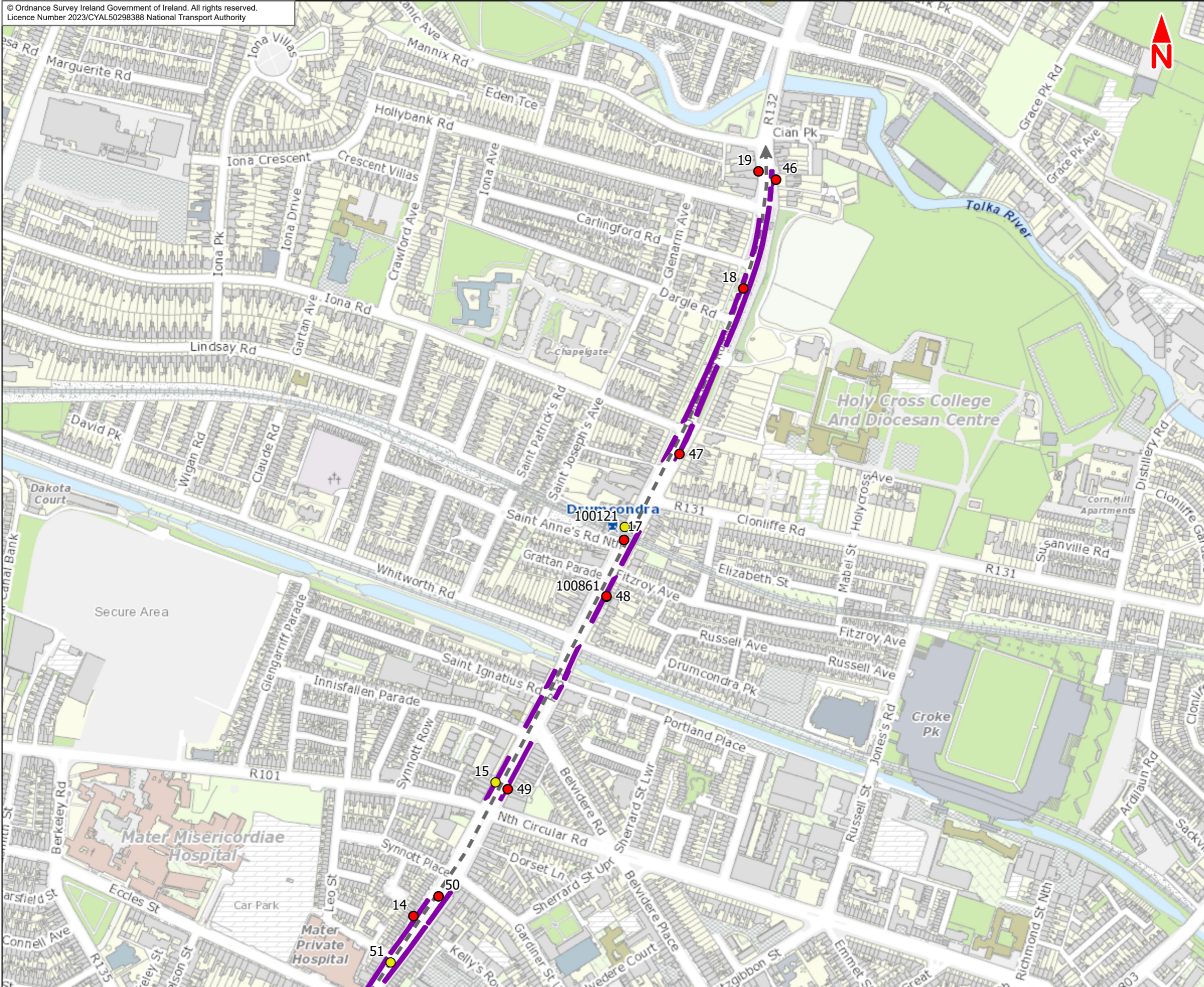
Date: 12/04/2023 | Scale @ A3: 1:5 000

Project Code: BCIDE | Originator Code: JAC

Drawn: HCH | Checked: EK | Approved: DK

Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title	Swords to City Centre Core Bus Corridor Scheme Figure 6.5d Baseline Bus Facilities Swords to City Centre		
Drawing File Name	BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0407	Sheet Number	2 of 2
Status	A	Rev	M01





**Legend :**

**Section 5**

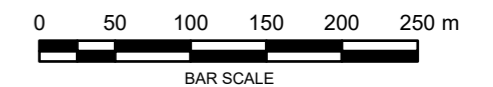
Botanic Avenue to Granby Row

**Bus Facilities**

- Existing Bus Stop with Shelter
- Existing Bus Stop without Shelter
- Existing Bus Lane

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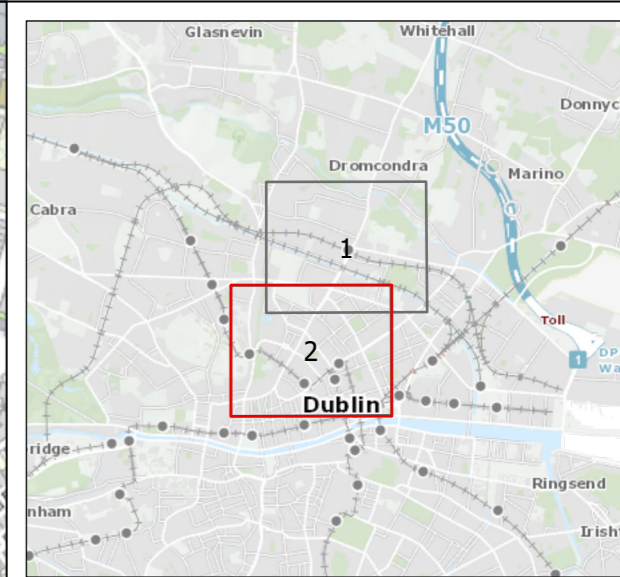
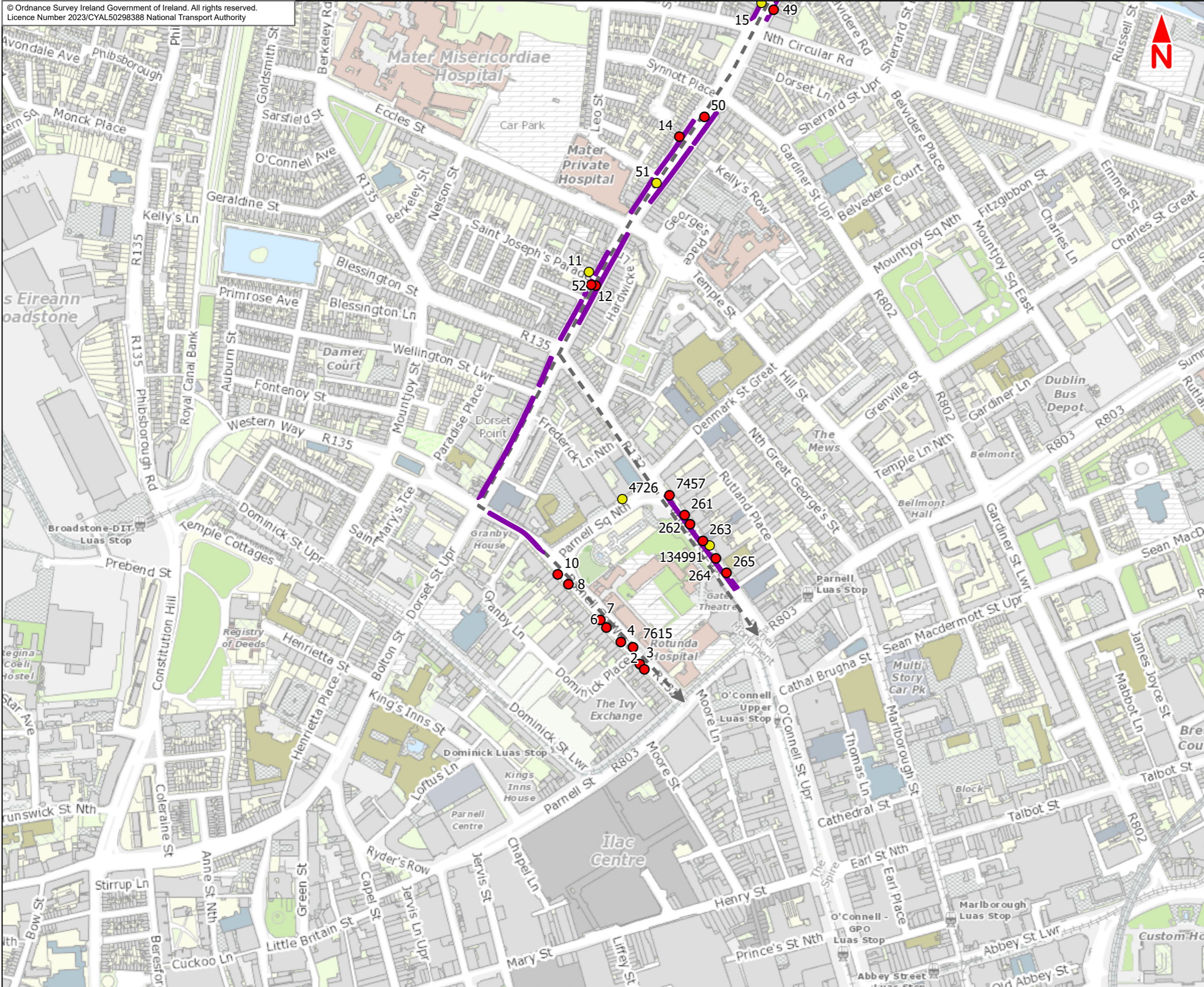


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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 12/04/2023	Scale @ A3 1:5 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.5e Baseline Bus Facilities Swords to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0408	Sheet Number 1 of 2	Status A	Rev M01	

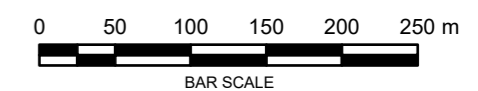




- Legend :**
- Section 5**
- Botanic Avenue to Granby Row
- Bus Facilities**
- Existing Bus Stop with Shelter
  - Existing Bus Stop without Shelter
  - Existing Bus Lane

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M01	Apr 2023	HCH	EK	DK	ISSUE FOR PHASE 4 : PLANNING

Client

Consultant

Programme Title		<b>BUSCONNECTS DUBLIN</b>		
Drawing Title		<b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
		Swords to City Centre Core Bus Corridor Scheme		
		Figure 6.5e		
		Baseline Bus Facilities		
		Swords to City Centre		
Drawing File Name	BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0409	Sheet Number	2 of 2	Status
				A
Rev	M01			



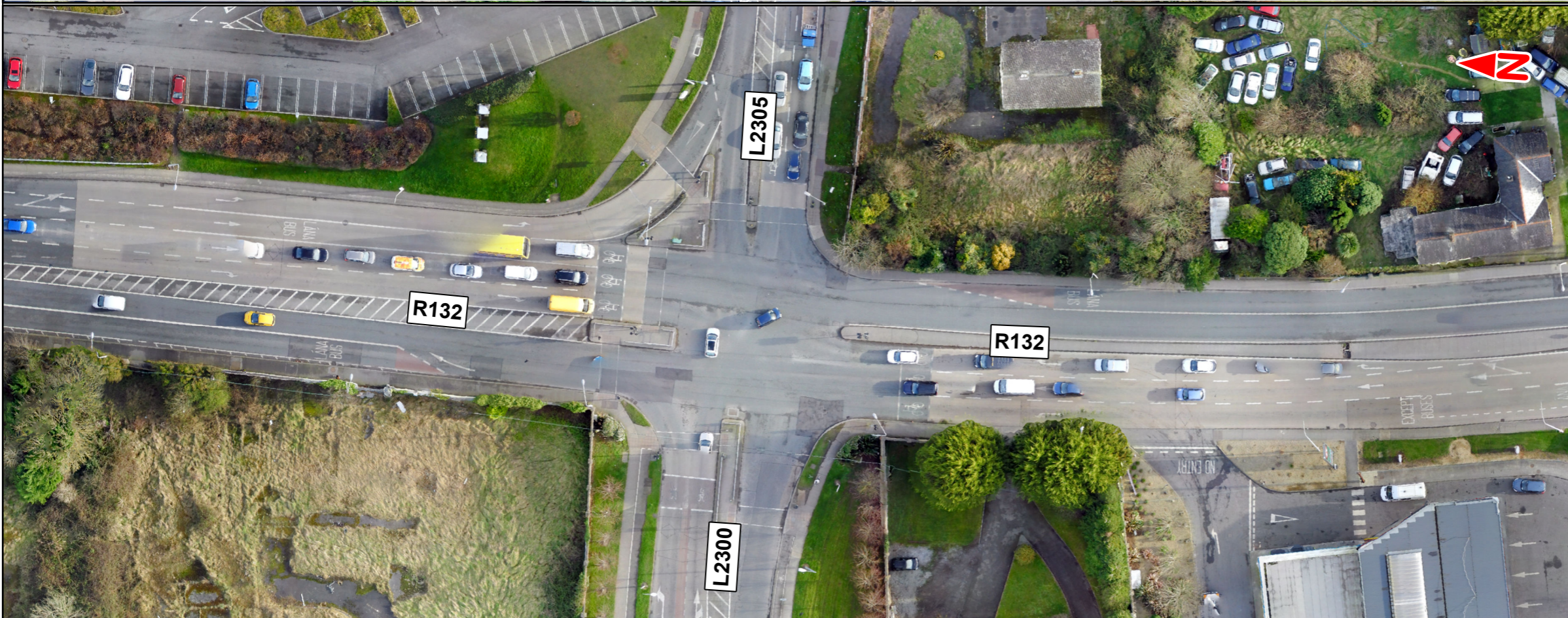
**6.6**  
Aerial Views of Key Junctions



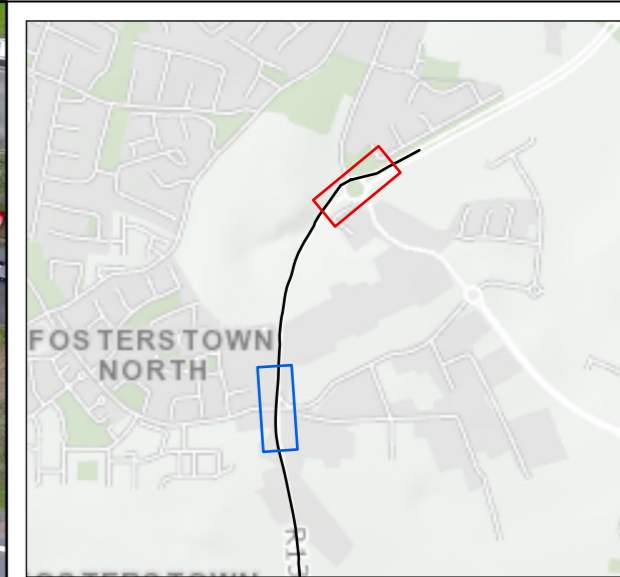




A) PINNOCK HILL FOUR-ARM ROUNDABOUT

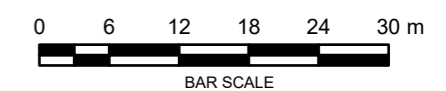


B) AIRSIDE JUNCTION FOUR-ARM SIGNALISED JUNCTION



- Legend**
- Swords to City Centre Core Bus Corridor Scheme
  - ▭ A) Pinnock Hill four-arm roundabout
  - ▭ B) Airside Junction four-arm signalised junction

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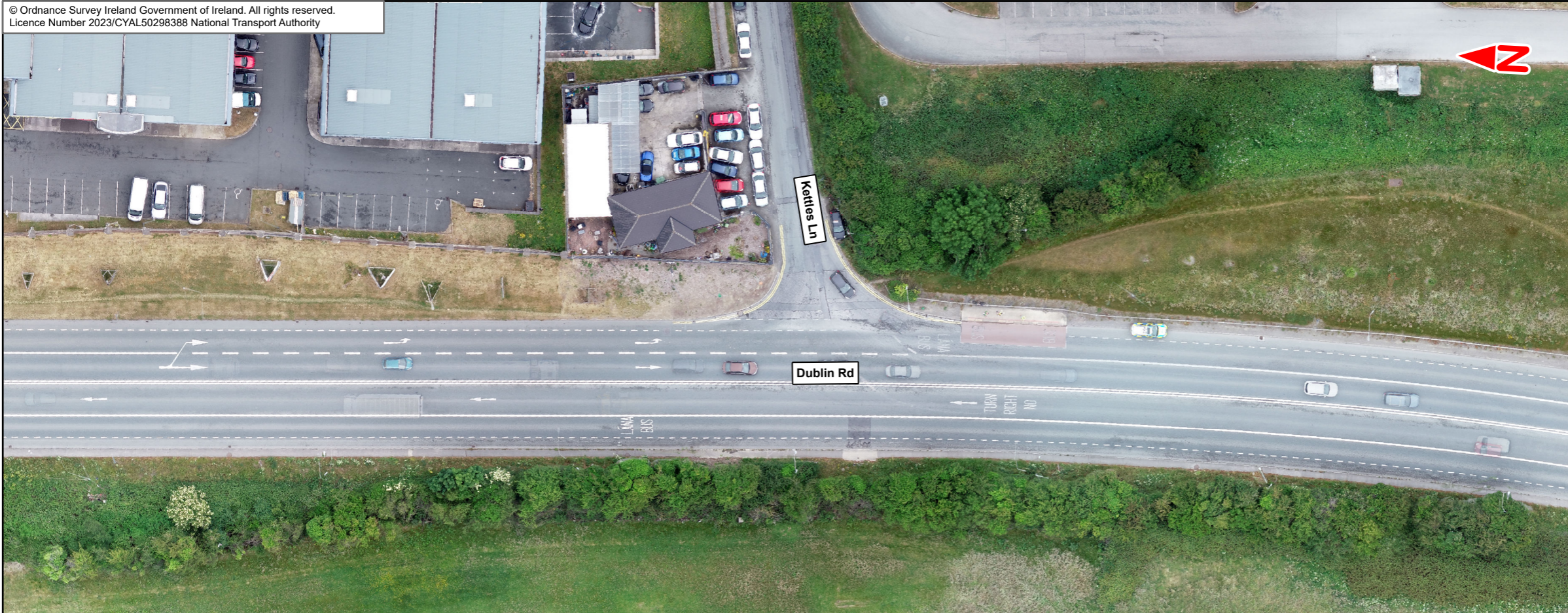


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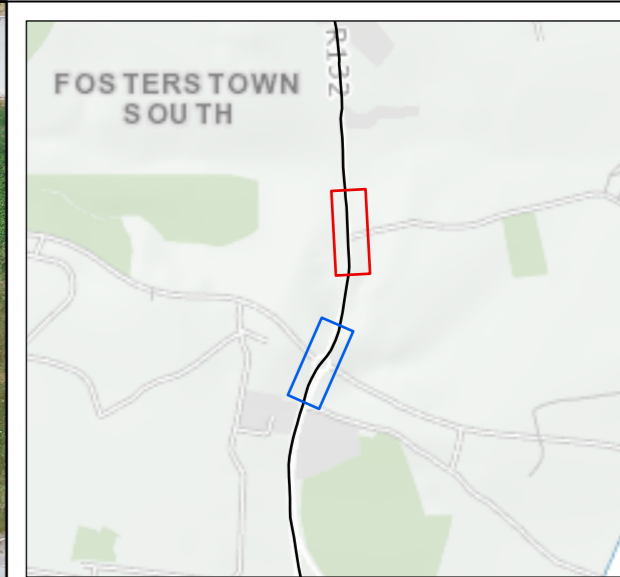
Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0501	Sheet Number 1 of 16	Status A	Rev M01	





A) SWORDS ROAD / KETTLES LANE THREE-ARM PRIORITY JUNCTION

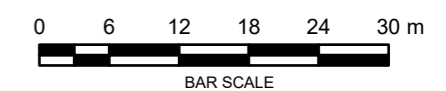


- Legend**
- Swords to City Centre Core Bus Corridor Scheme
  - ▭ A) Swords Road / Kettles Lane three-arm priority Junction
  - ▭ B) Cloghran four-arm roundabout



B) CLOGHRAN FOUR-ARM ROUNDABOUT

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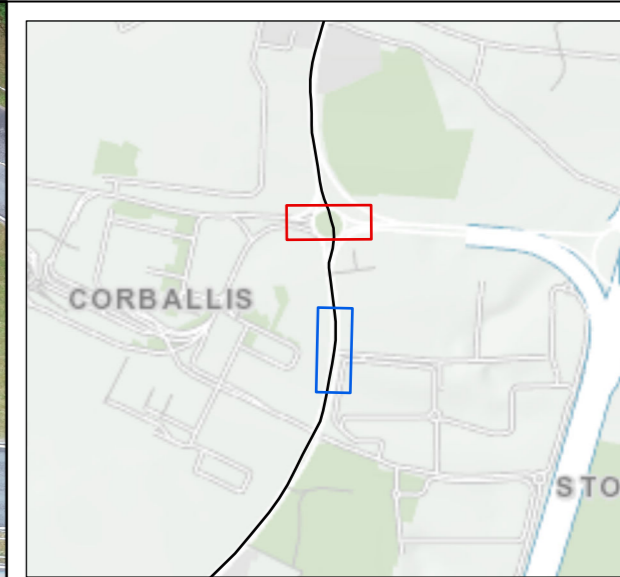
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0502	Sheet Number 2 of 16	Status A	Rev M01	





A) DUBLIN AIRPORT FOUR-ARM ROUNDABOUT

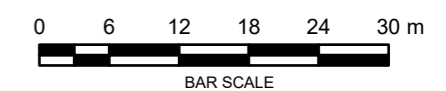


- Legend**
- Swords to City Centre Core Bus Corridor Scheme
  - ▭ A) Dublin Airport four-arm Roundabout
  - ▭ B) Access to Airport Business Park and Dublin Airport Green Carpark



B) ACCESS TO AIRPORT BUSINESS PARK AND DUBLIN AIRPORT GREEN CARPARK

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Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0503	Sheet Number 3 of 16	Status A	Rev M01	

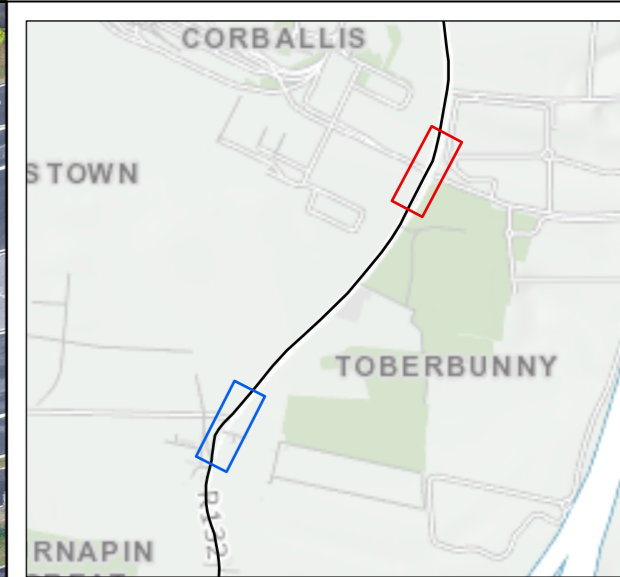




B) R132 / CORBALLIS ROAD SOUTH FOUR-ARM SIGNALISED JUNCTION



B) R132 / OLD AIRPORT ROAD FOUR-ARM SIGNALISED JUNCTION



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 / Corballis Road South four-arm signalised Junction
- ▭ B) R132 / Old Airport Road four-arm signalised Junction

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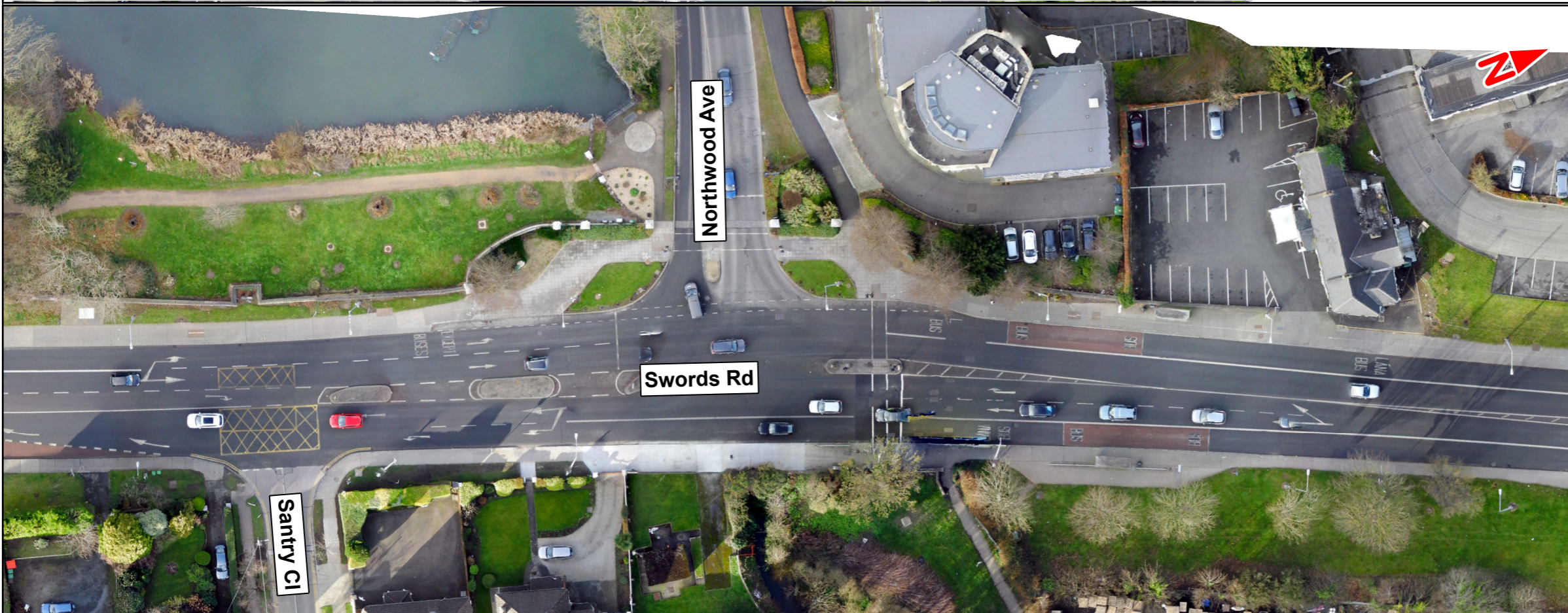
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0504	Sheet Number 4 of 16	Status A	Rev M01	

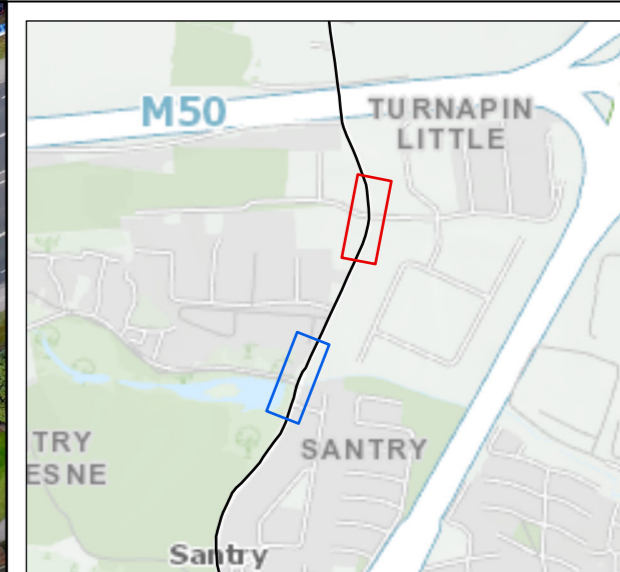




A) R132 / TURNAPIN LANE FOUR-ARM SIGNALISED JUNCTION



B) R132 / NORTHWOOD AVENUE THREE-ARM SIGNALISED JUNCTION



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- A) R132 / Turnapin Lane four-arm signalised Junction
- B) R132 / Northwood Avenue three-arm signalised Junction

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National Transport Authority

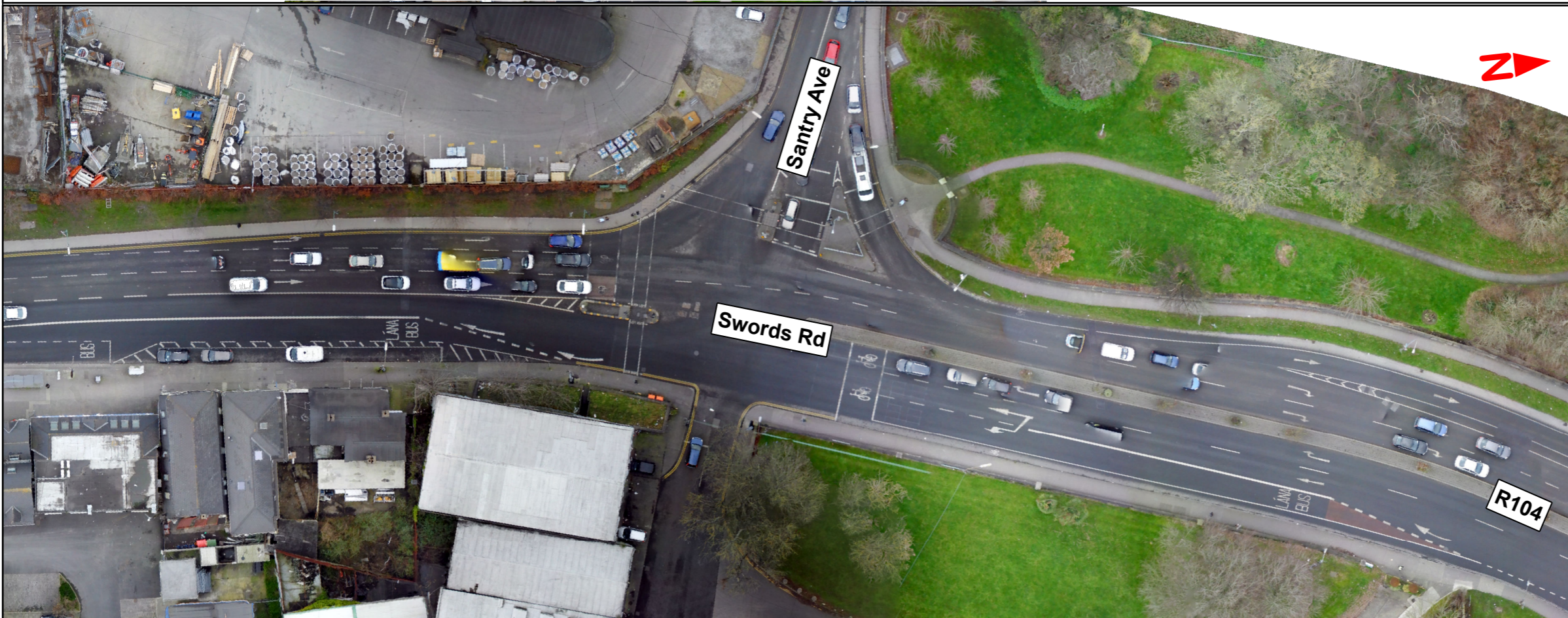
Consultant  
**JACOBS ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0505
Sheet Number 5 of 16		Status A	Rev M01	

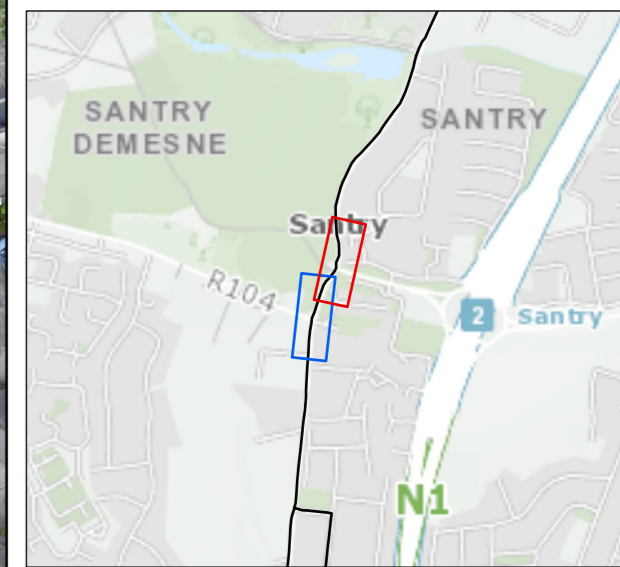




A) R132 / R104 COOLOCK LANE FOUR-ARM SIGNALISED JUNCTION



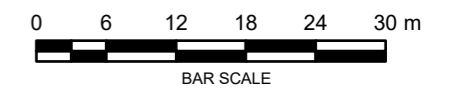
B) R132 / R104 SANTRY AVENUE FOUR-ARM SIGNALISED JUNCTION



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 / R104 Coolock Lane four-arm signalised Junction
- ▭ B) R132 / R104 Santry Avenue four-arm signalised Junction

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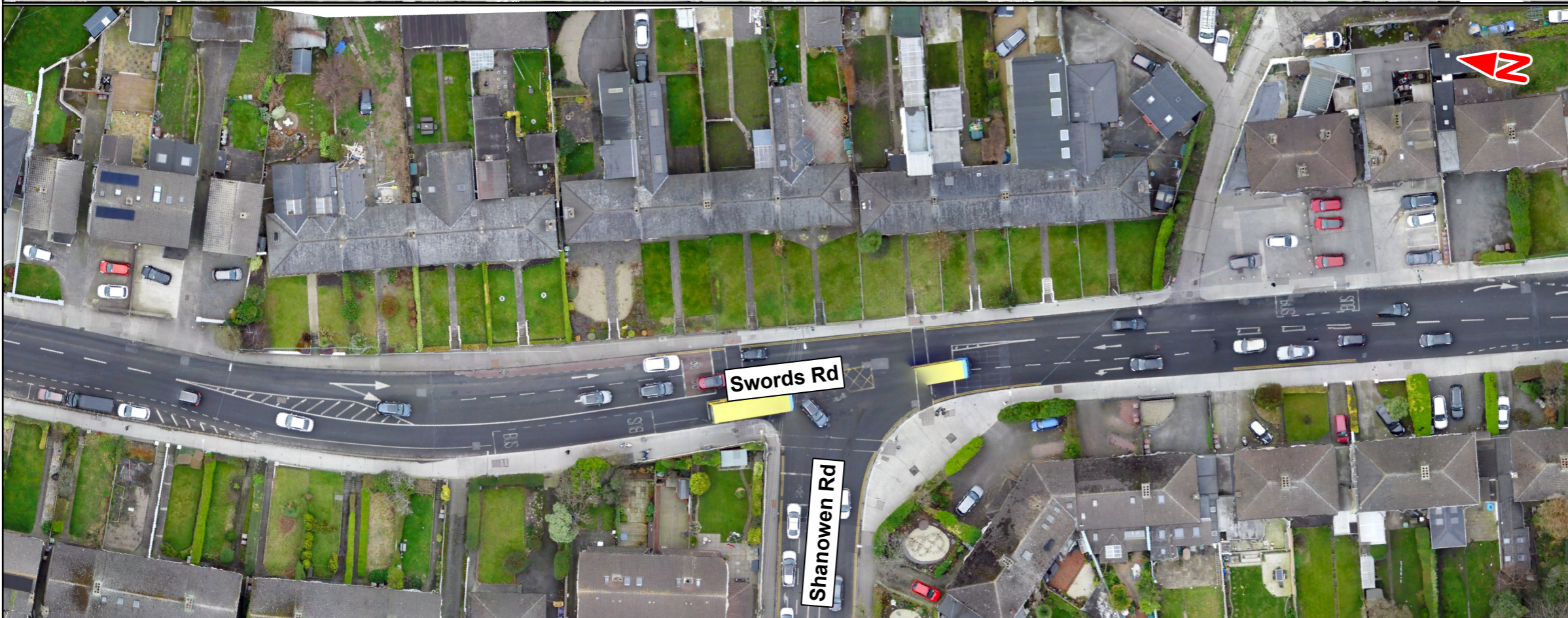
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0506	Sheet Number 6 of 16	Status A	Rev M01	

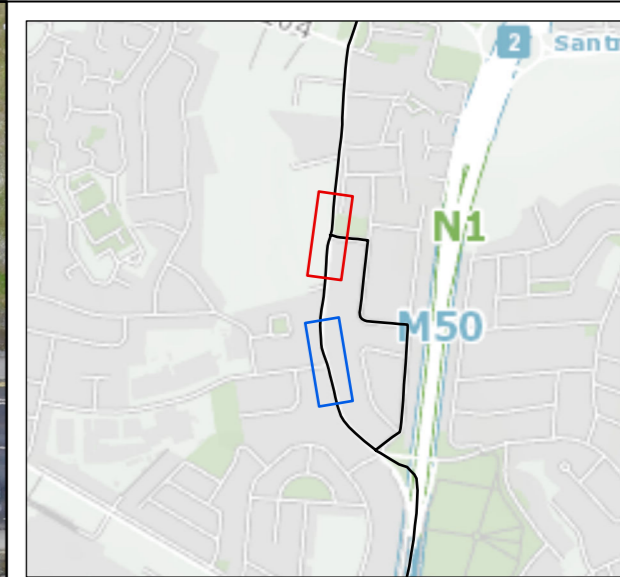




A) R132 / LORCAN ROAD FOUR-ARM SIGNALISED JUNCTION



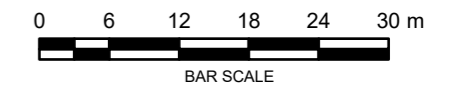
B) R132 / SHANOWEN ROAD THREE-ARM SIGNALISED JUNCTION



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 / Lorcan Road four-arm signalised Junction
- ▭ B) R132 / Shanowen Road three-arm signalised Junction

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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0507	Sheet Number 7 of 16	Status A	Rev M01	





A) R132 / SHANRATH ROAD FIVE-ARM SIGNALISED JUNCTION



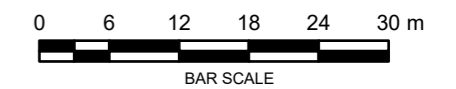
B) R132 / SHANTALLA ROAD THREE-ARM PRIORITY JUNCTION



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- A) R132 / Shanrath Road five-arm signalised Junction
- B) R132 / Shantalla Road three-arm priority Junction

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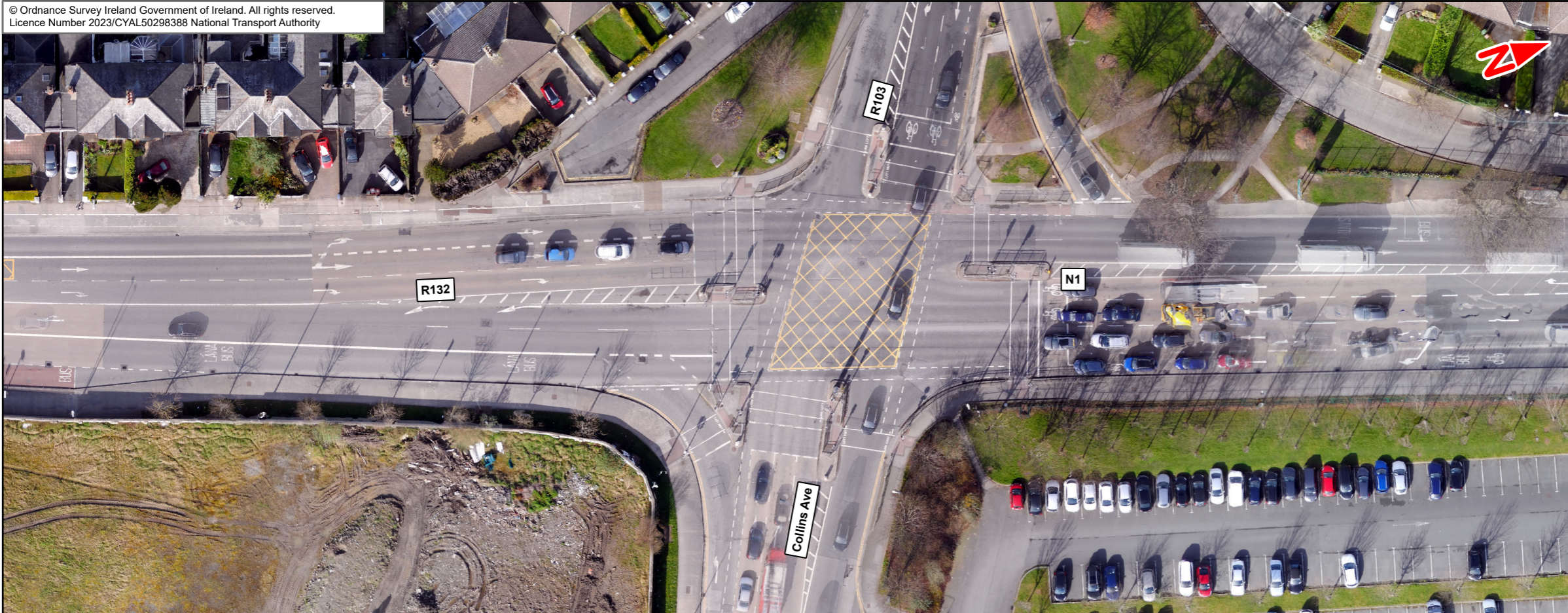
Rev	Date	Drn	Chk'd	App'd	Description
M01	Apr 2023	KJ	GM	SMcG	ISSUE FOR PHASE 4 : PLANNING

Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority	
Date 18/04/2023	Scale @ A3 1:650
Project Code BCIDE	Originator Code JAC

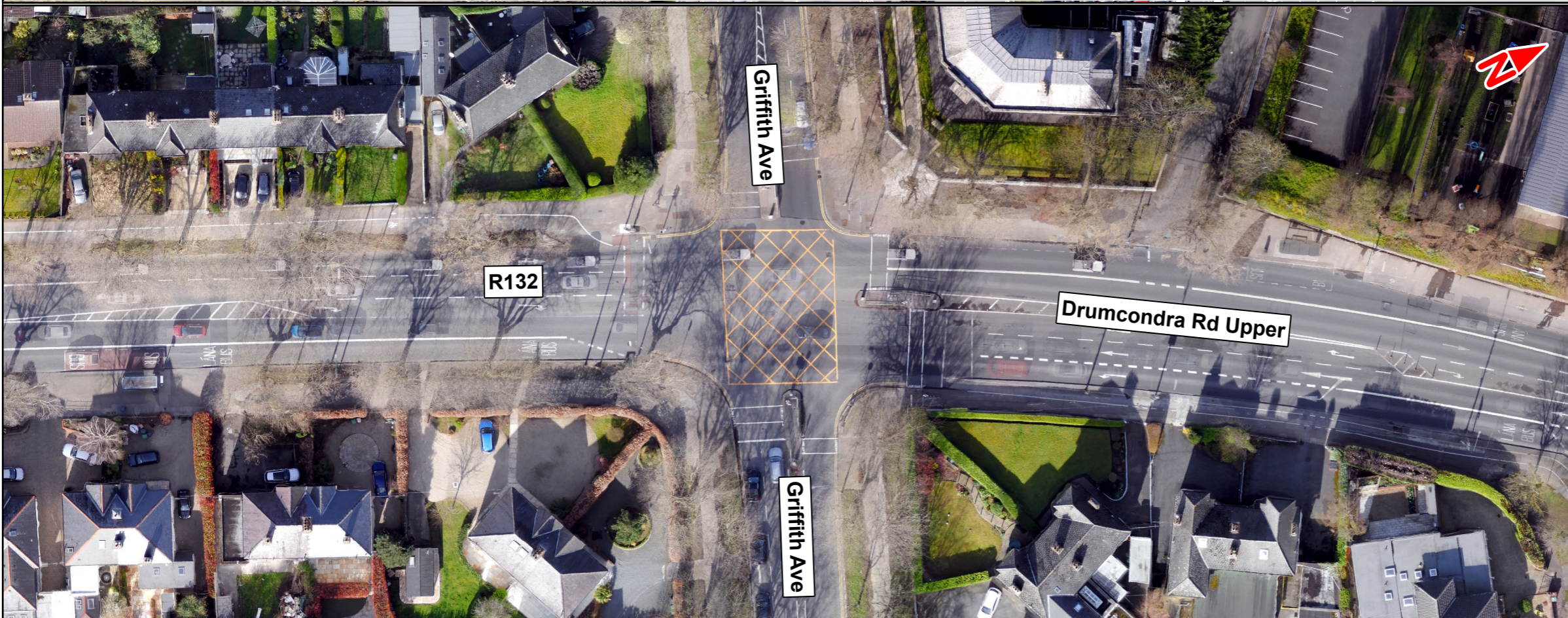
Consultant <b>JACOBS ARUP SYSTRA</b>		
Drawn KJ	Checked GM	Approved SMcG
QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Figure 6.6 Aerial Views of Key Junctions			
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0508	Sheet Number 8 of 16	Status A	Rev M01

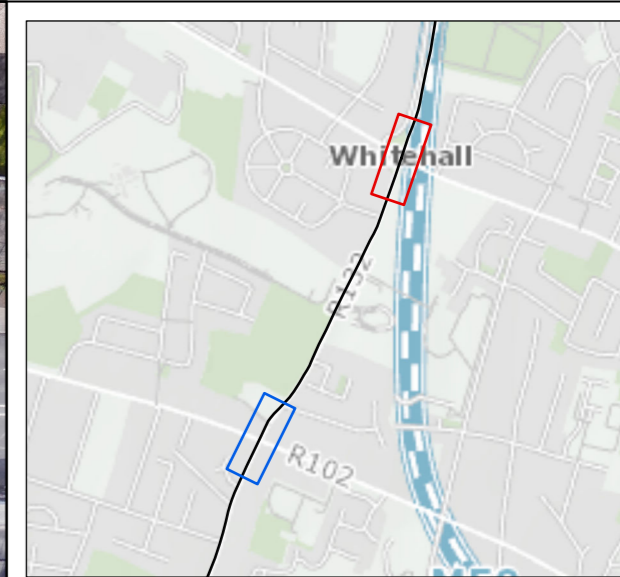




A) R132 SWORDS ROAD / R103 COLLINS AVENUE JUNCTION FOUR-ARM SIGNALISED JUNCTION



B) R132 SWORDS ROAD / R102 GRIFFITH AVENUE 4-ARM SIGNALISED JUNCTION



- Legend**
- Swords to City Centre Core Bus Corridor Scheme
  - A) R132 Swords Road / R103 Collins Avenue Junction four-arm signalised Junction
  - B) R132 Swords Road / R102 Griffith Avenue 4-arm signalised Junction

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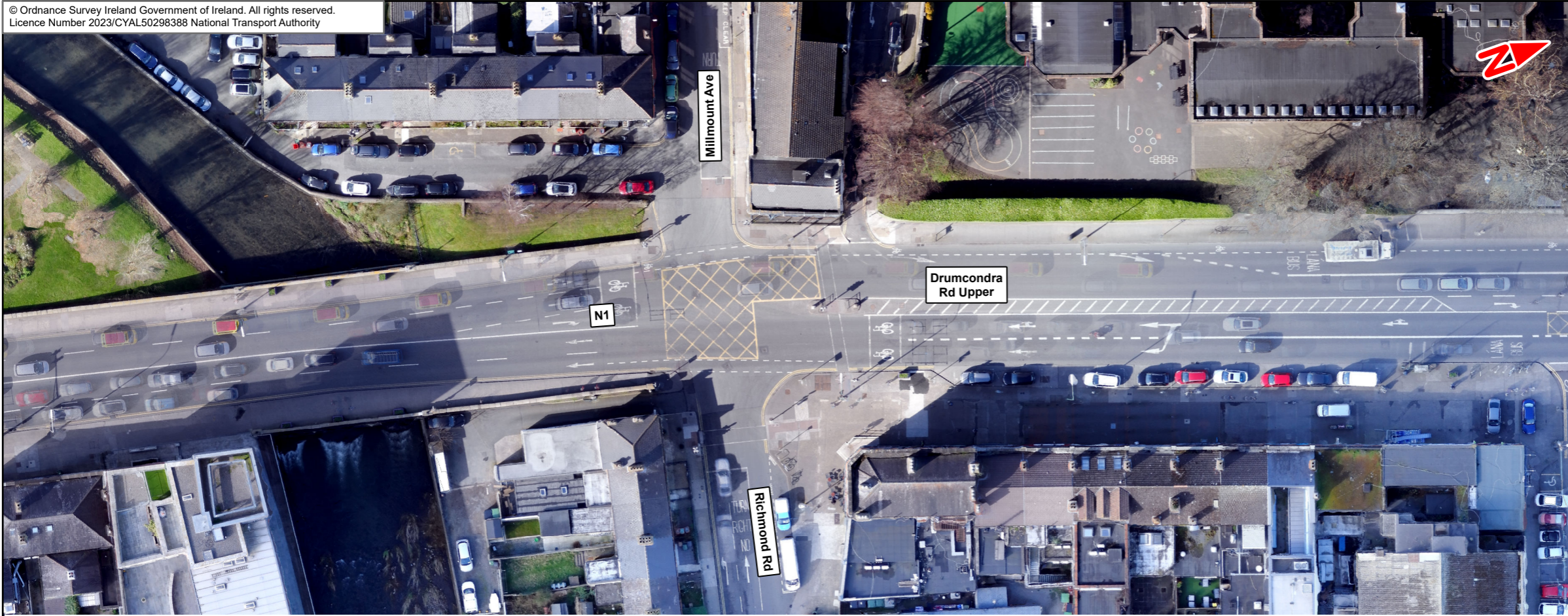


Rev	Date	Drn	Chk'd	App'd	Description
M01	Apr 2023	KJ	GM	SMcG	ISSUE FOR PHASE 4 : PLANNING

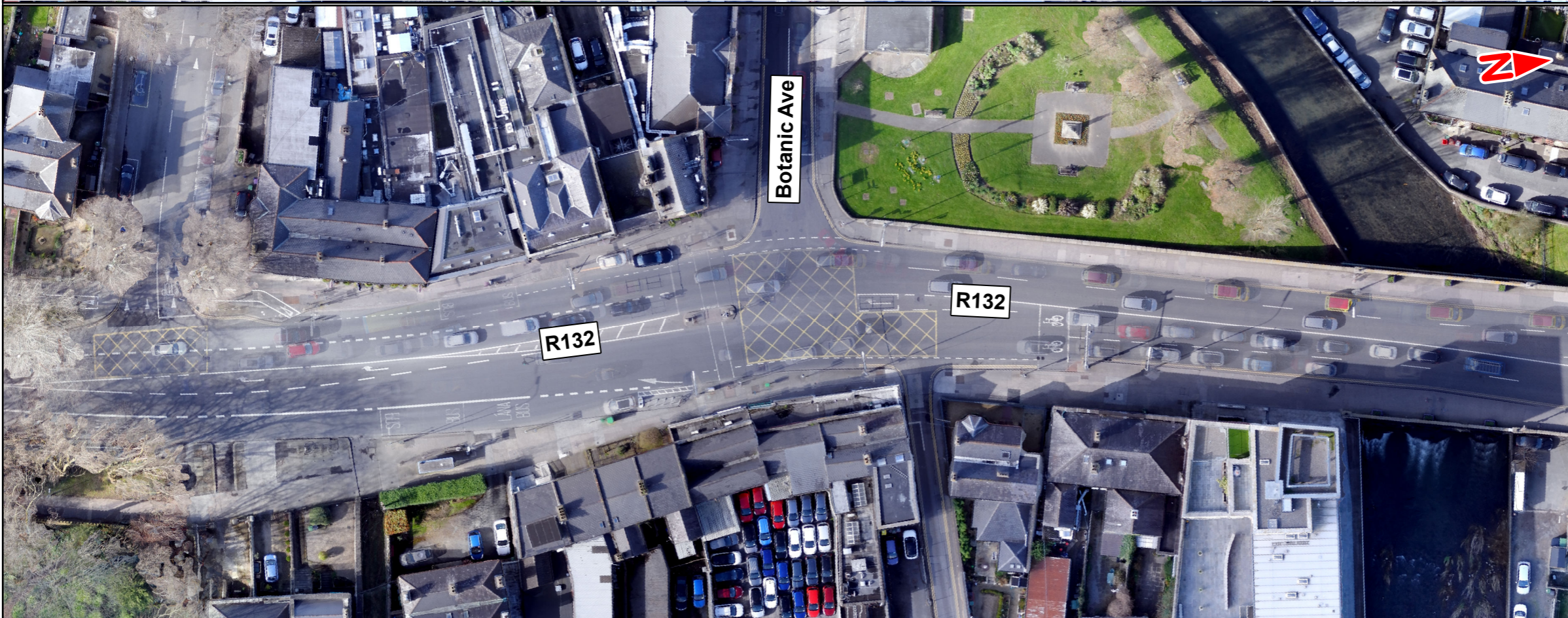
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0509	Sheet Number 9 of 16	Status A	Rev M01	

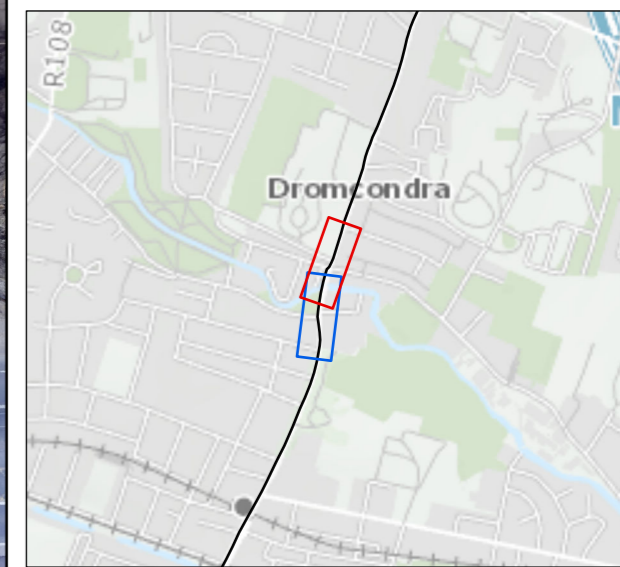




A) R132 DRUMCONDRA ROAD UPPER / RICHMOND ROAD / MILLMOUNT AVENUE 4-ARM SIGNALISED



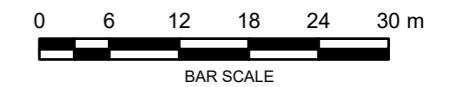
B) R132 DRUMCONDRA ROAD LOWER / BOTANIC AVENUE / CIAN PARK 4-ARM SIGNALISED



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 Drumcondra Road Upper / Richmond Road / Millmount Avenue 4-arm signalised
- ▭ B) R132 Drumcondra Road Lower / Botanic Avenue / Cian Park 4-arm signalised

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Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0510	Sheet Number 10 of 16	Status A	Rev M01	

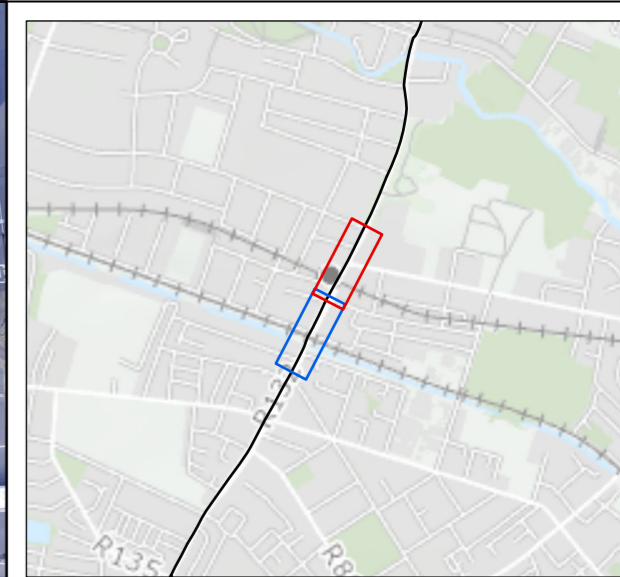




A) R132 DRUMCONDRA ROAD LOWER / R131 CLONLIFFE ROAD 3-ARM SIGNALISED JUNCTION



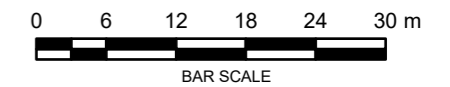
B) R132 DRUMCONDRA ROAD LOWER / WHITWORTH PLACE / WHITWORTH ROAD 4-ARM SIGNALISED



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 Drumcondra Road Lower / R131 Clonliffe Road 3-arm signalised Junction
- ▭ B) R132 Drumcondra Road Lower / Whitworth Place / Whitworth Road 4-arm signalised

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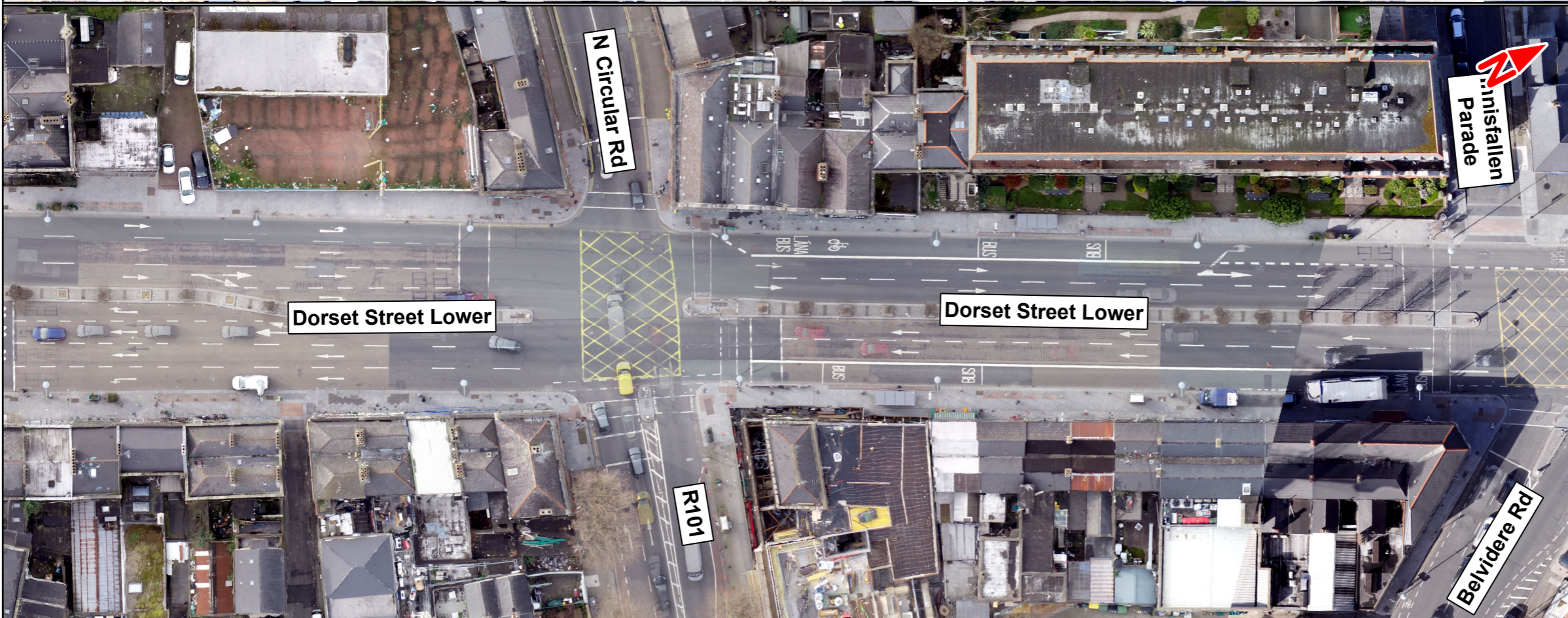
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP</b> <b>SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0511	Sheet Number 11 of 16	Status A	Rev M01	

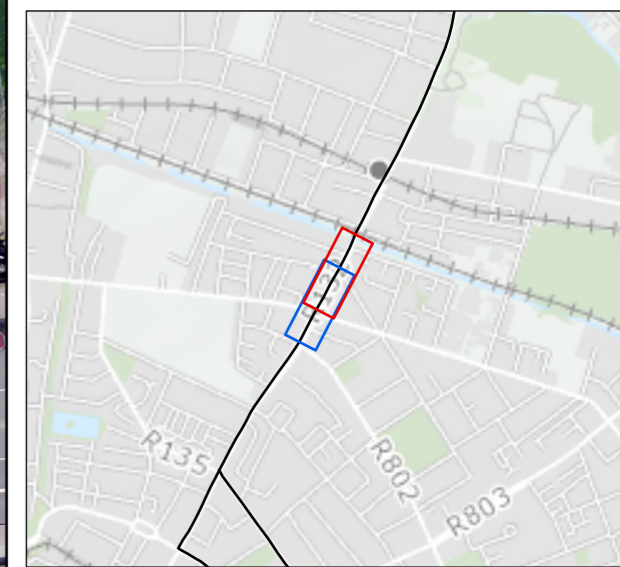




A) R132 DORSET STREET LOWER / BELVEDERE ROAD 4-ARM SIGNALISED JUNCTION



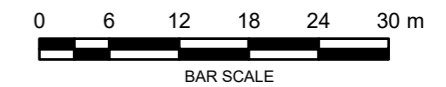
B) R132 DORSET STREET LOWER / R101 NORTH CIRCULAR ROAD JUNCTION 4-ARM SIGNALISED



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 Dorset Street Lower / Belvedere Road 4-arm signalised Junction
- ▭ B) R132 Dorset Street Lower / R101 North Circular Road Junction 4-arm signalised

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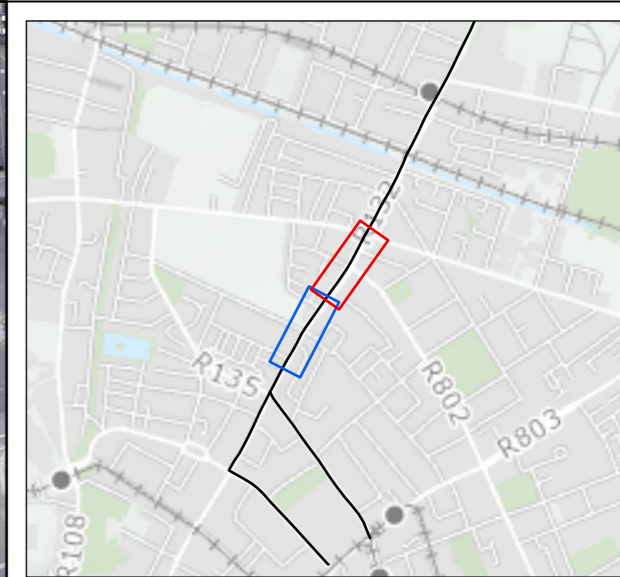
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0512	Sheet Number 12 of 16	Status A	Rev M01	



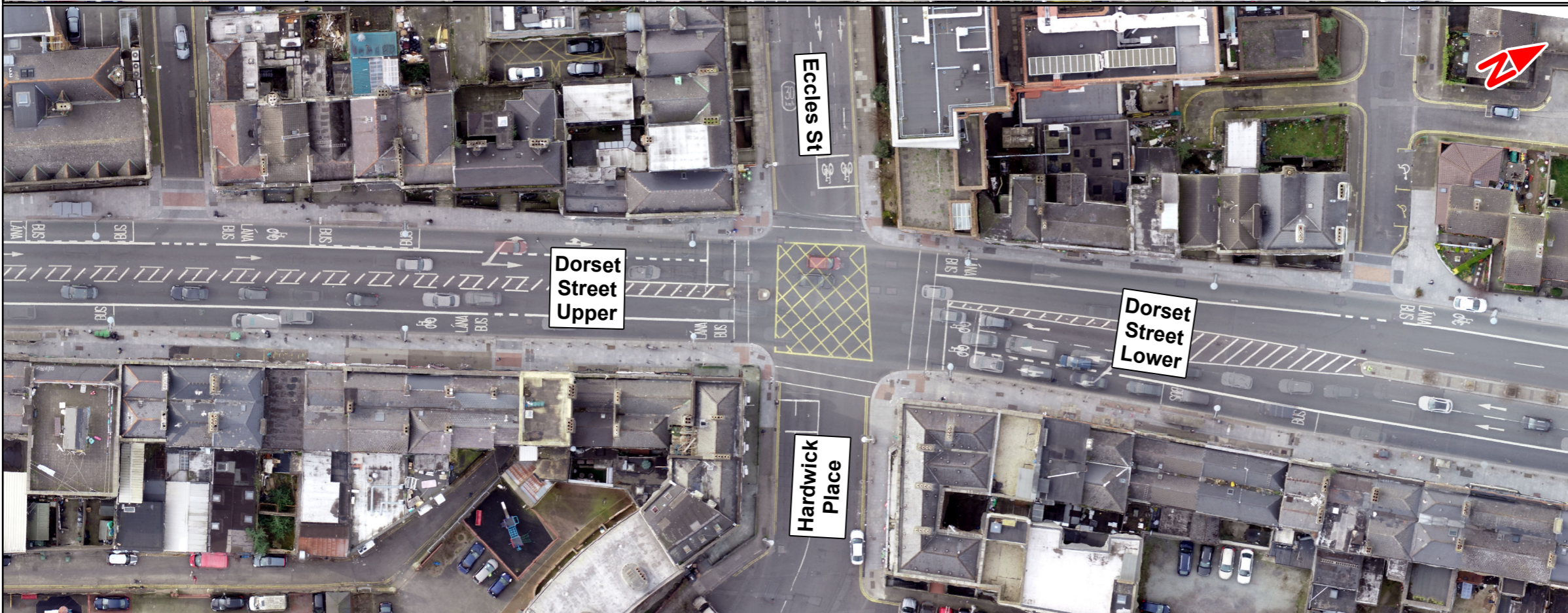


A) R132 DORSET STREET LOWER / R802 GARDINER STREET UPPER 4-ARM SIGNALISED JUNCTION



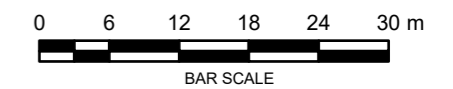
**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 Dorset Street Lower / R802 Gardiner Street Upper 4-arm signalised Junction
- ▭ B) R132 Dorset Street Lower / Eccles Street / Hardwicke Place 4-arm signalised



B) R132 DORSET STREET LOWER / ECCLES STREET / HARDWICKE PLACE 4-ARM SIGNALISED

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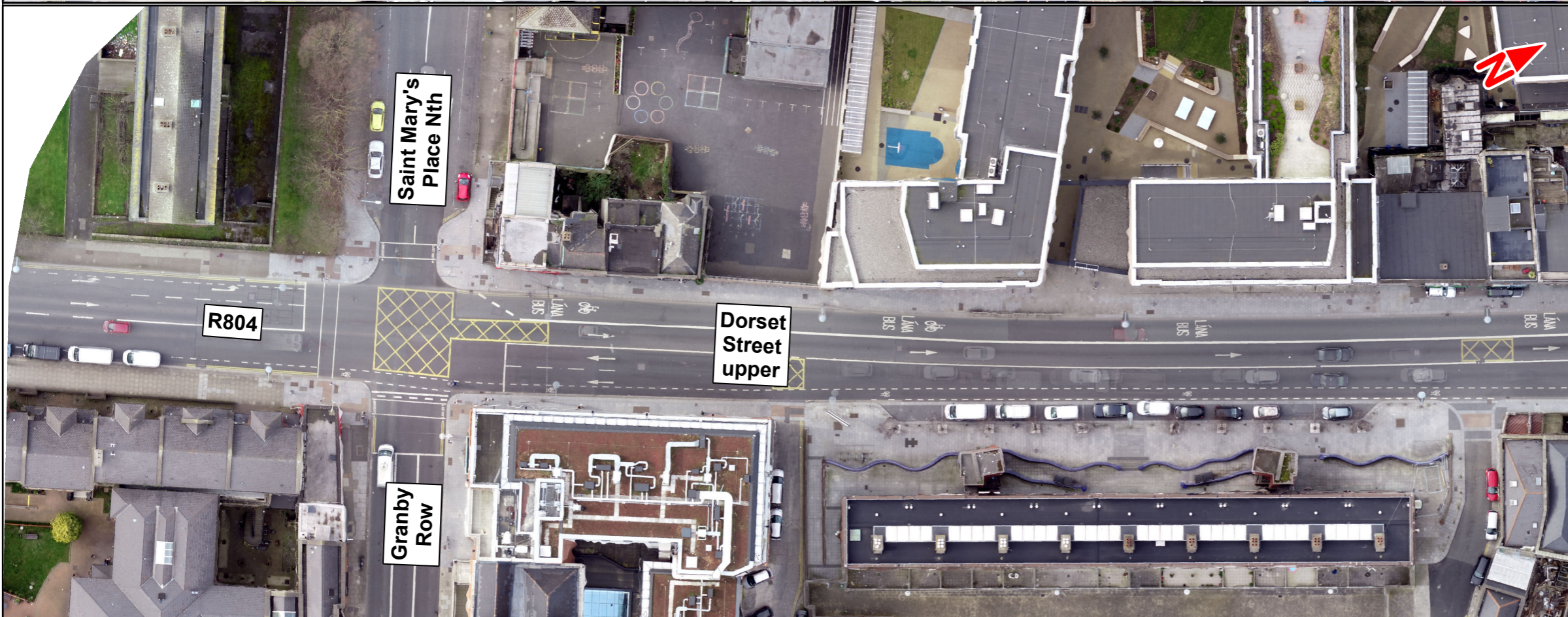
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0513	Sheet Number 13 of 16	Status A	Rev M01	

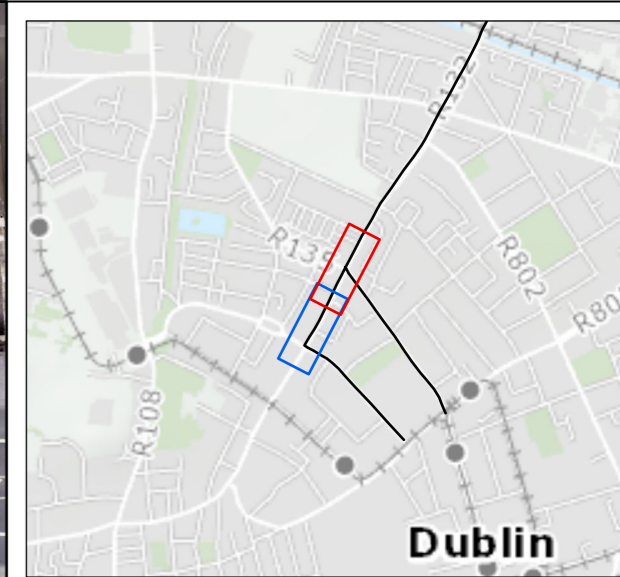




A) DORSET STREET UPPER / R132 FREDERICK STREET NORTH / R135 BLESSINGTON STREET



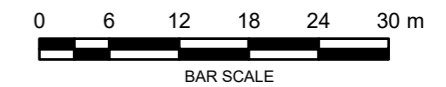
B) DORSET STREET UPPER / GRANBY ROW / R135 ST.MARY'S PLACE NORTH 4-ARM SIGNALISED



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) Dorset Street Upper / R132 Frederick Street North / R135 Blessington Street
- ▭ B) Dorset Street Upper / Granby Row / R135 St.Mary's Place North 4-arm signalised

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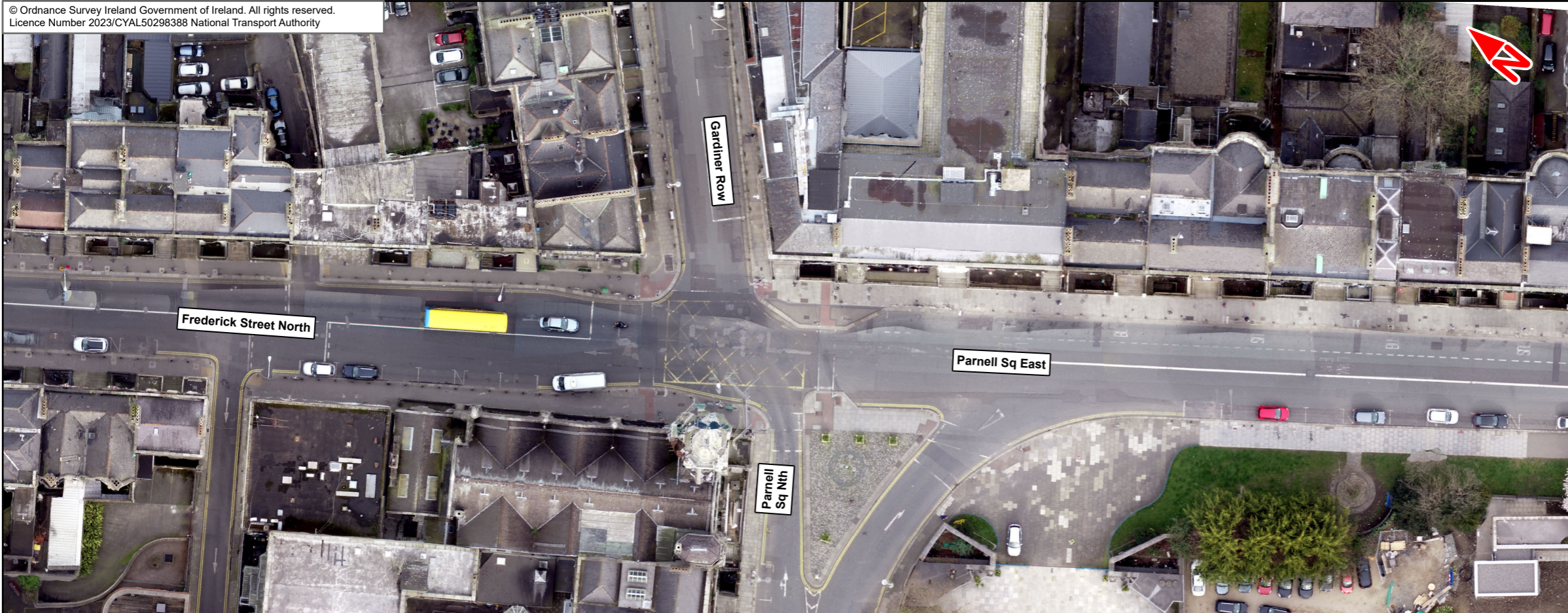


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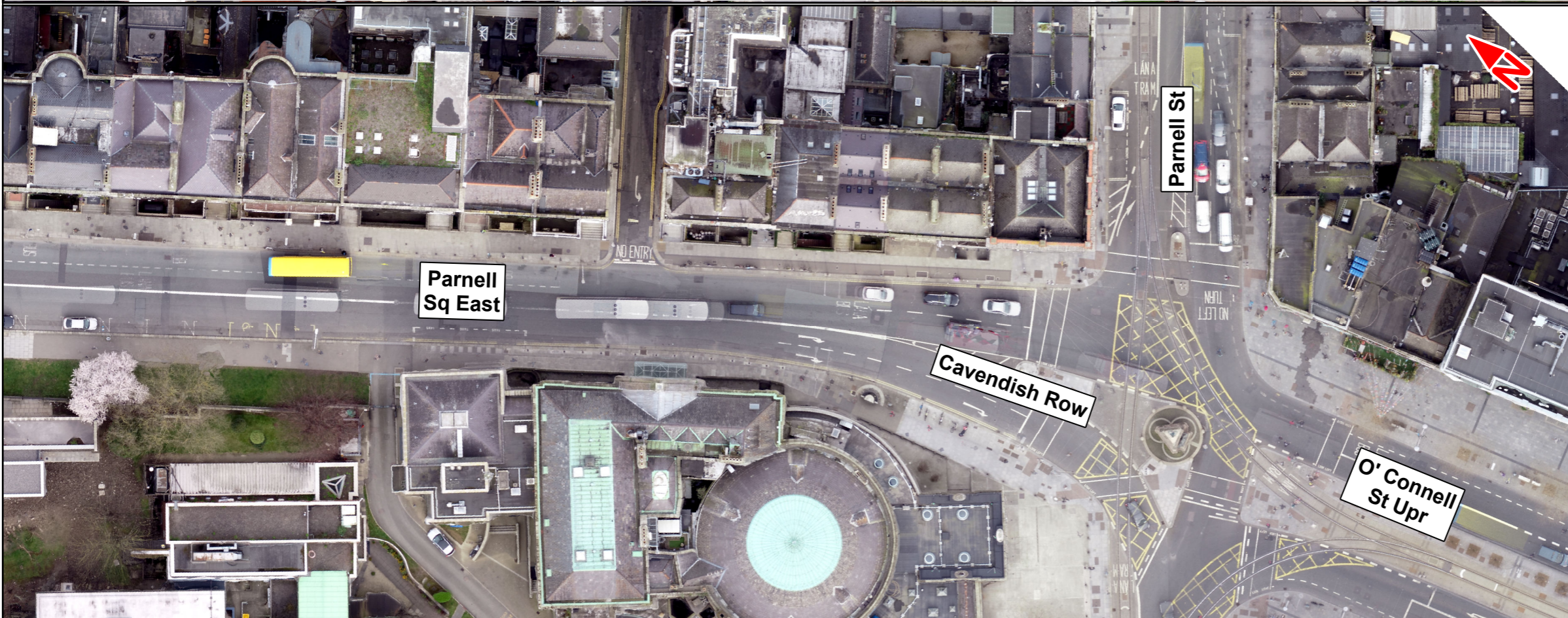
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0514	Sheet Number 14 of 16	Status A	Rev M01	

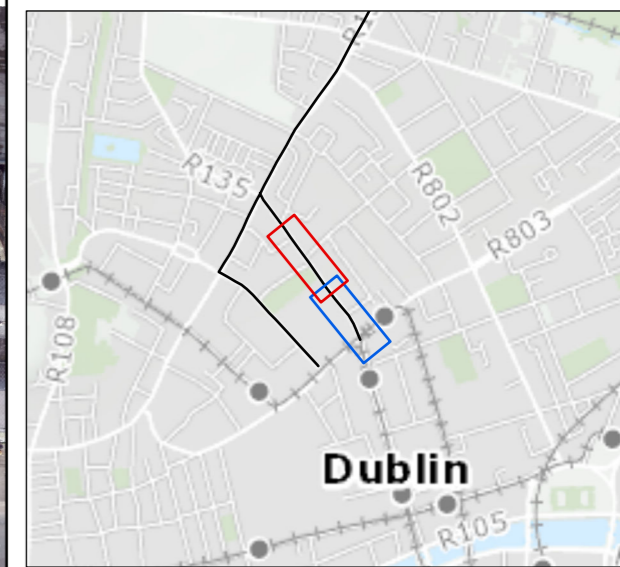




A) R132 PARNELL SQUARE EAST / GARDINER ROW / PARNELL SQUARE NORTH 4-ARM SIGNALISED



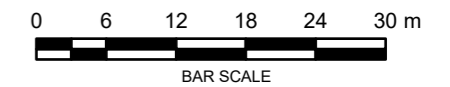
B) R132 CAVENDISH ROW / R803 PARNELL STREET / O'CONNELL STREET 4-ARM SIGNALISED



**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- ▭ A) R132 Parnell Square East / Gardiner Row / Parnell Square North 4-arm signalised
- ▭ B) R132 Cavendish Row / R803 Parnell Street / O'Connell Street 4-arm signalised

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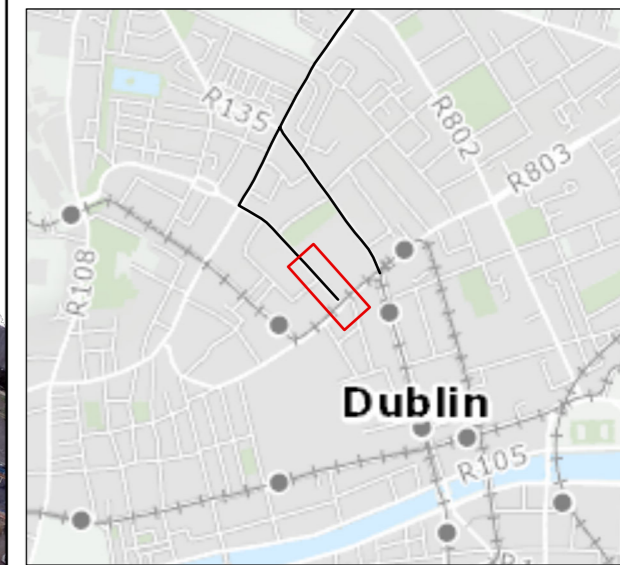
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0515	Sheet Number 15 of 16	Status A	Rev M01	





A) R132 PARNELL SQUARE WEST / R803 PARNELL STREET 3-ARM SIGNALISED JUNCTION

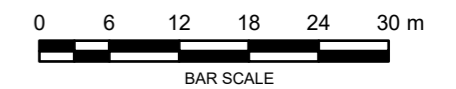


**Legend**

- Swords to City Centre Core Bus Corridor Scheme
- A) R132 Parnell Square West / R803 Parnell Street 3-arm signalised Junction



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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS ARUP SYSTRA</b>		
Date 18/04/2023	Scale @ A3 1:650	Drawn KJ	Checked GM	Approved SMcG
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0516	Sheet Number 16 of 16	Status A	Rev M01	

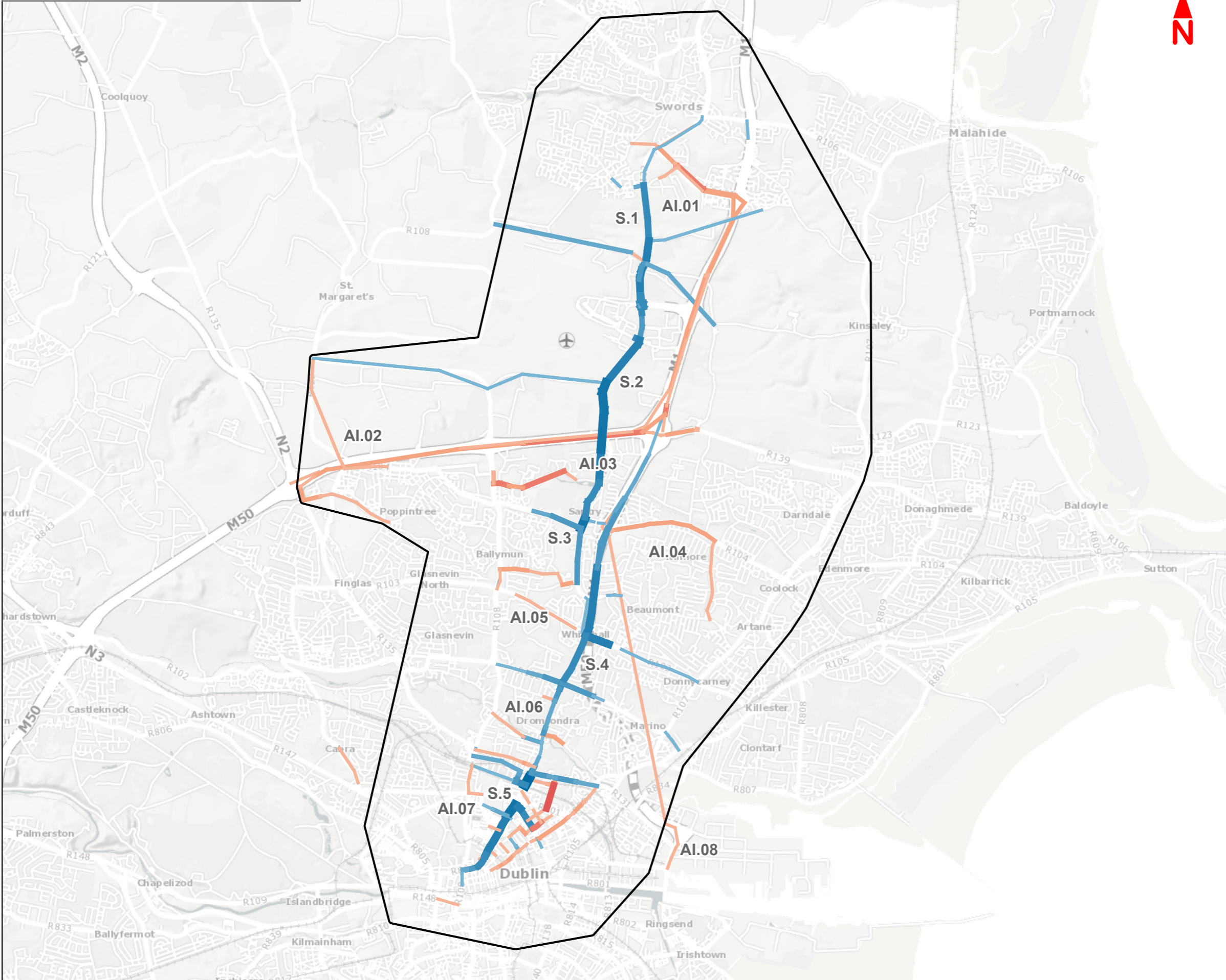






**6.7**  
Flow Difference on Road  
Links 2028 Opening Year  
DoMinimum vs DoSomething  
AM Peak Hour





**Legend :**

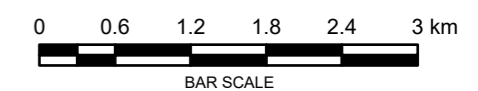
- Indirect Study Area

**Combined Flow Difference (Passenger Car Unit)**

- < -1000
- 1000 to -800
- 800 to -600
- 600 to -400
- 400 to -300
- 300 to -200
- 200 to -100
- Other network links
- 100 to 200
- 200 to 300
- 300 to 400
- 400 to 600
- 600 to 800
- 800 to 1000
- > 1000

**A.1** Map ID

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**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Consultant  
**JACOBS**  
**ARUP SYSTRA**

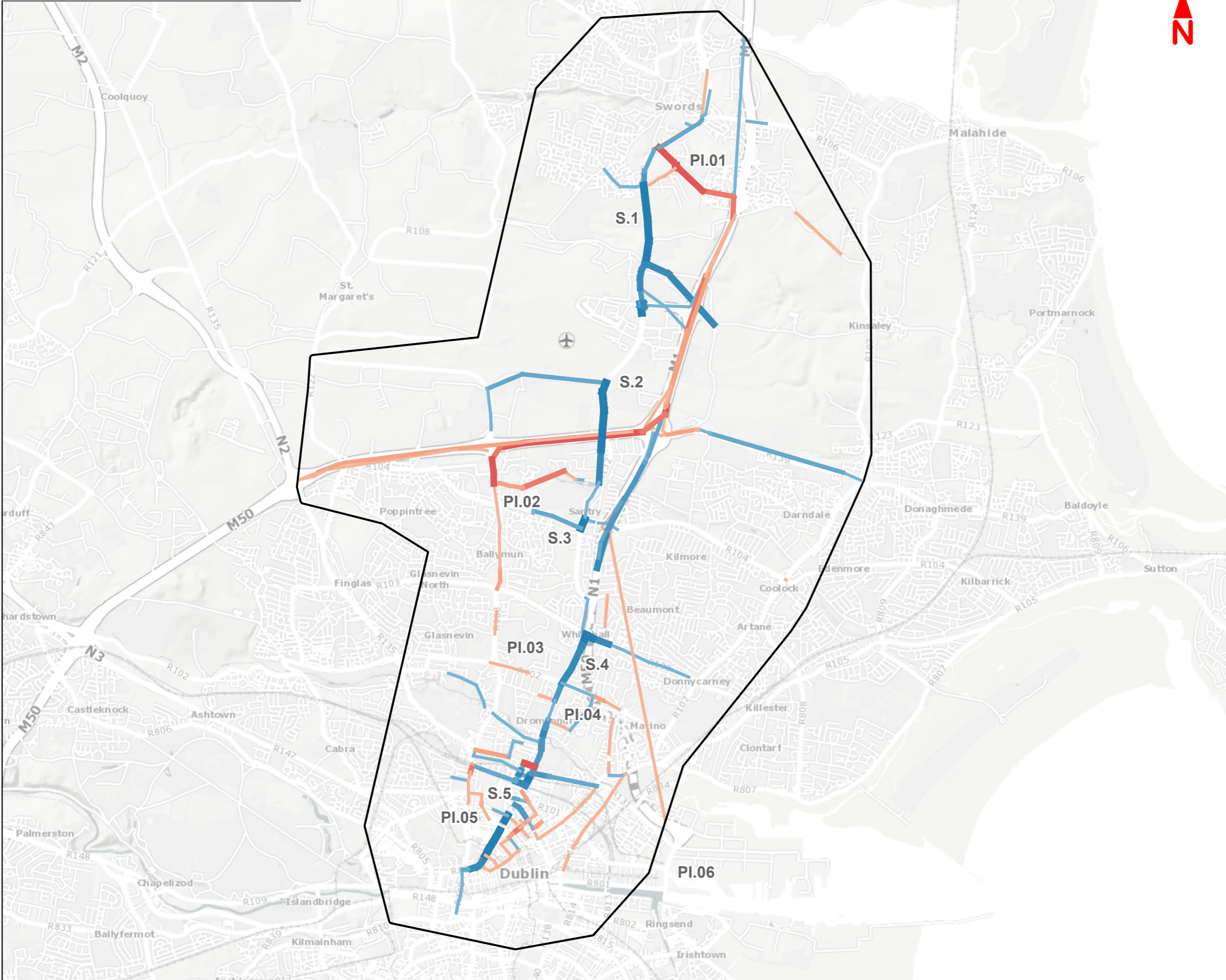
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Figure 6.7 Swords to City Centre Core Bus Corridor Scheme Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour				
Date 21/04/2023	Scale @ A3 1:50 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0004
Sheet Number 1 of 1		Status A	Rev M01	





**6.8**  
Flow Difference on Road  
Links 2028 Opening Year  
DoMinimum vs DoSomething  
PM Peak Hour





**Legend :**

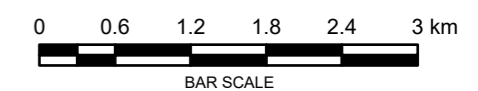
- Indirect Study Area

**Combined Flow Difference (Passenger Car Unit)**

- < -1000
- 1000 to -800
- 800 to -600
- 600 to -400
- 400 to -300
- 300 to -200
- 200 to -100
- Other network links
- 100 to 200
- 200 to 300
- 300 to 400
- 400 to 600
- 600 to 800
- 800 to 1000
- > 1000

**P.1** Map ID

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**JACOBS**  
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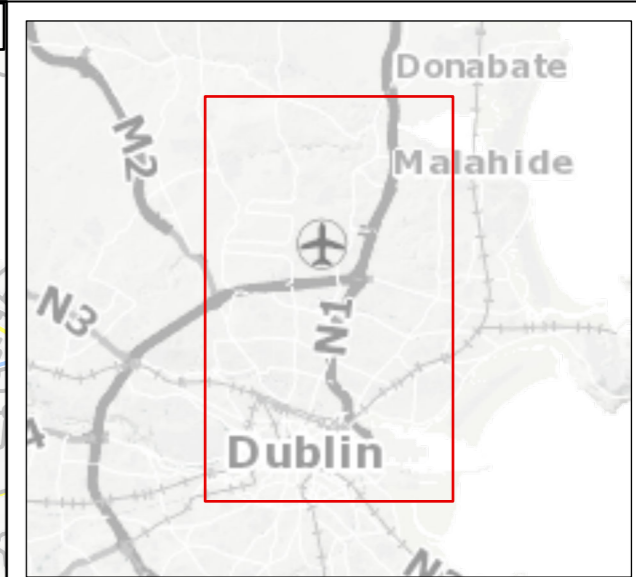
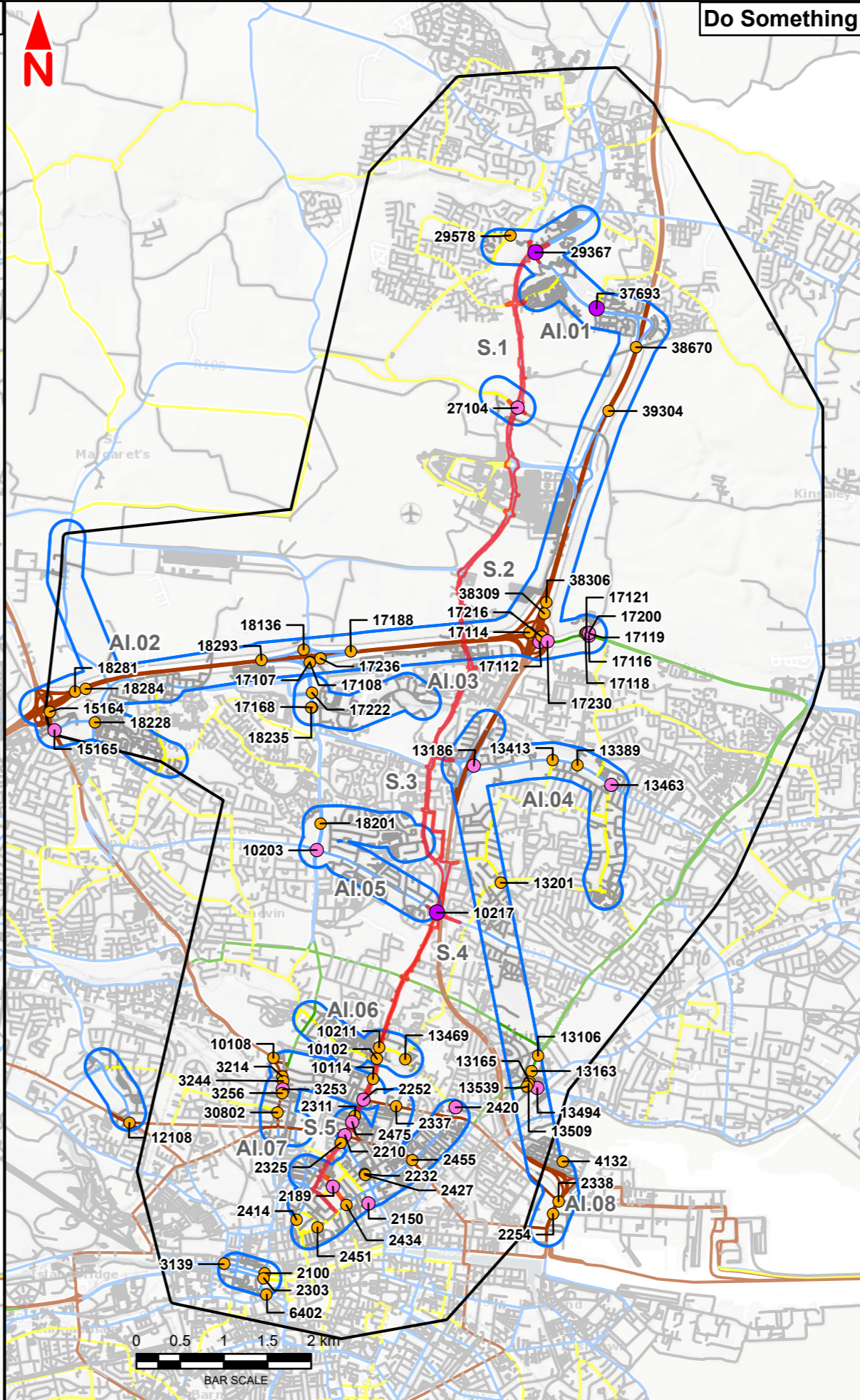
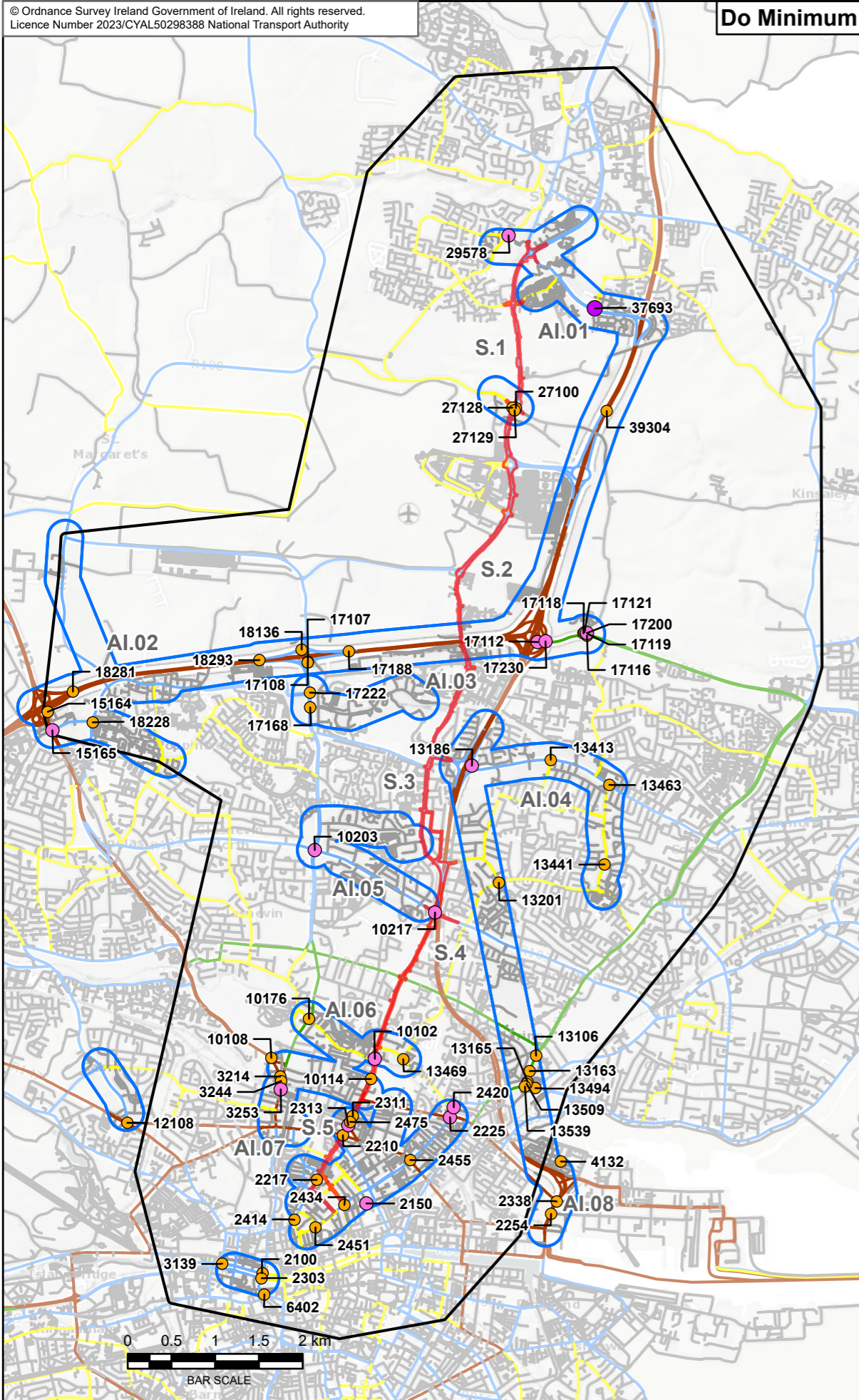
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Drawing Title Swords to City Centre Core Bus Corridor Scheme Figure 6.8 Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour				
Date 21/04/2023	Scale @ A3 1:50 000	Drawn HCH	Checked EK	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		
Drawing File Name BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0005	Sheet Number 1 of 1	Status A	Rev M01	





**6.9**  
Volume/Capacity Ratios 2028  
Opening Year DoMinimum vs  
DoSomething AM Peak Hour





- Legend :**
- Direct Study Area
  - Indirect Study Area
  - Area of Influence
- V / C Ratios**
- 85% - 100%
  - 100% - 115%
  - > 115%
- Existing Road Category**
- Category 1
  - Category 2
  - Category 3
  - Category 4
  - Category 5
- A.1 Map ID**
- 17162 Junction Node ID**

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 21/04/2023 | Scale @ A3: 1:50 000

Project Code: BCIDE | Originator Code: JAC

Drawn: HCH | Checked: EK | Approved: DK

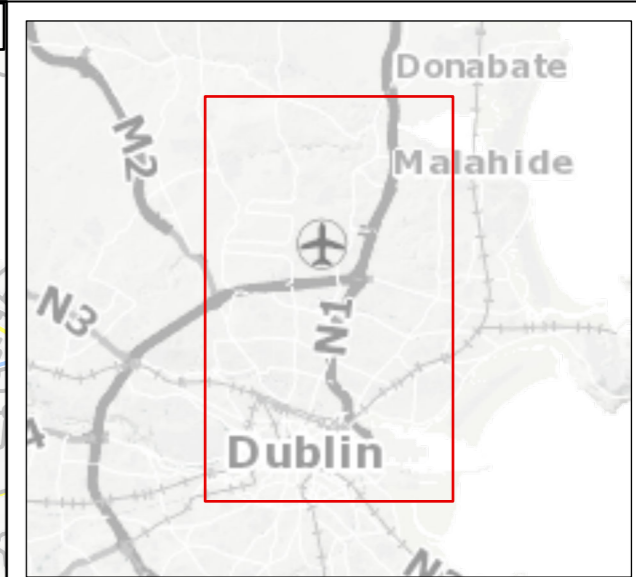
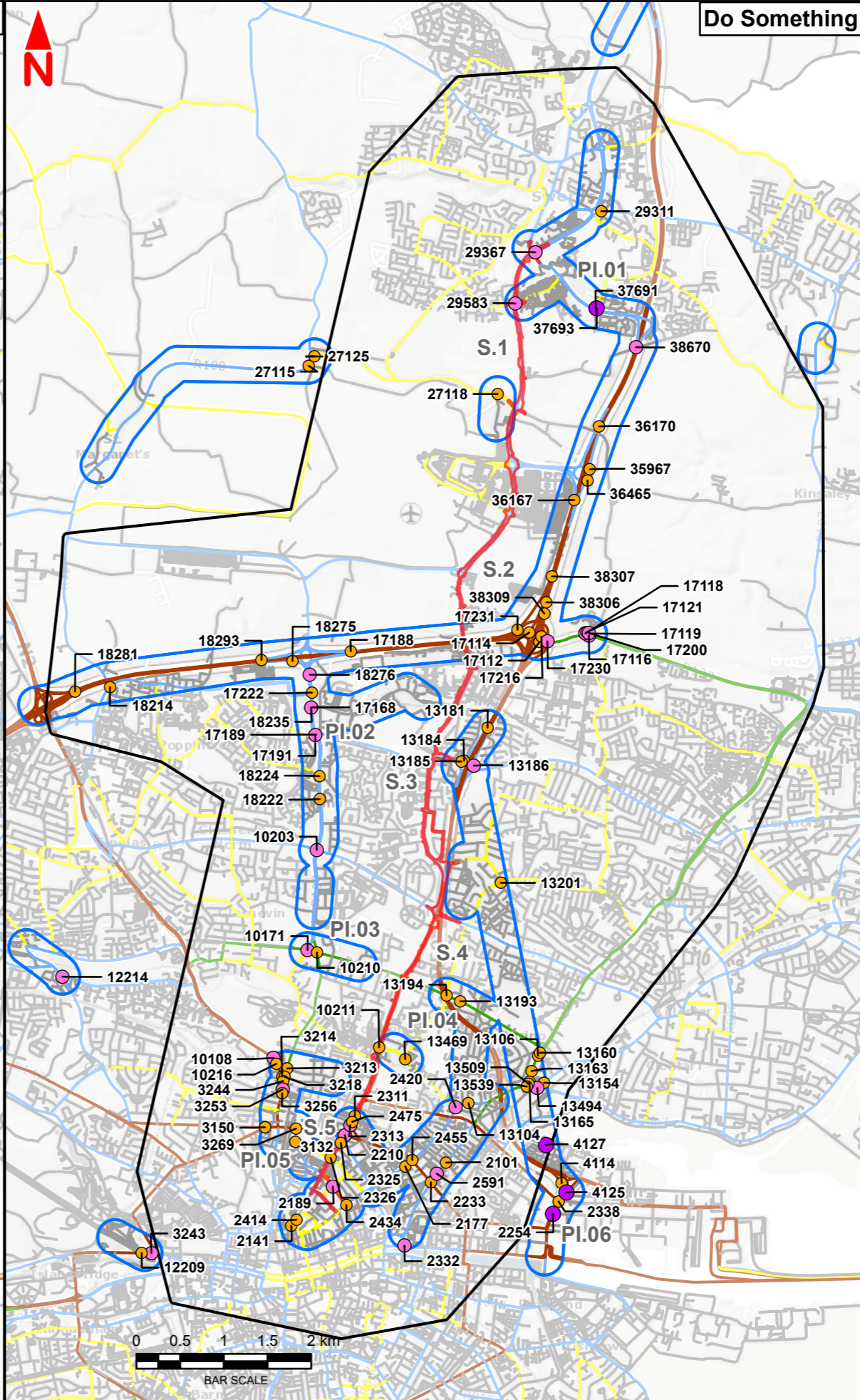
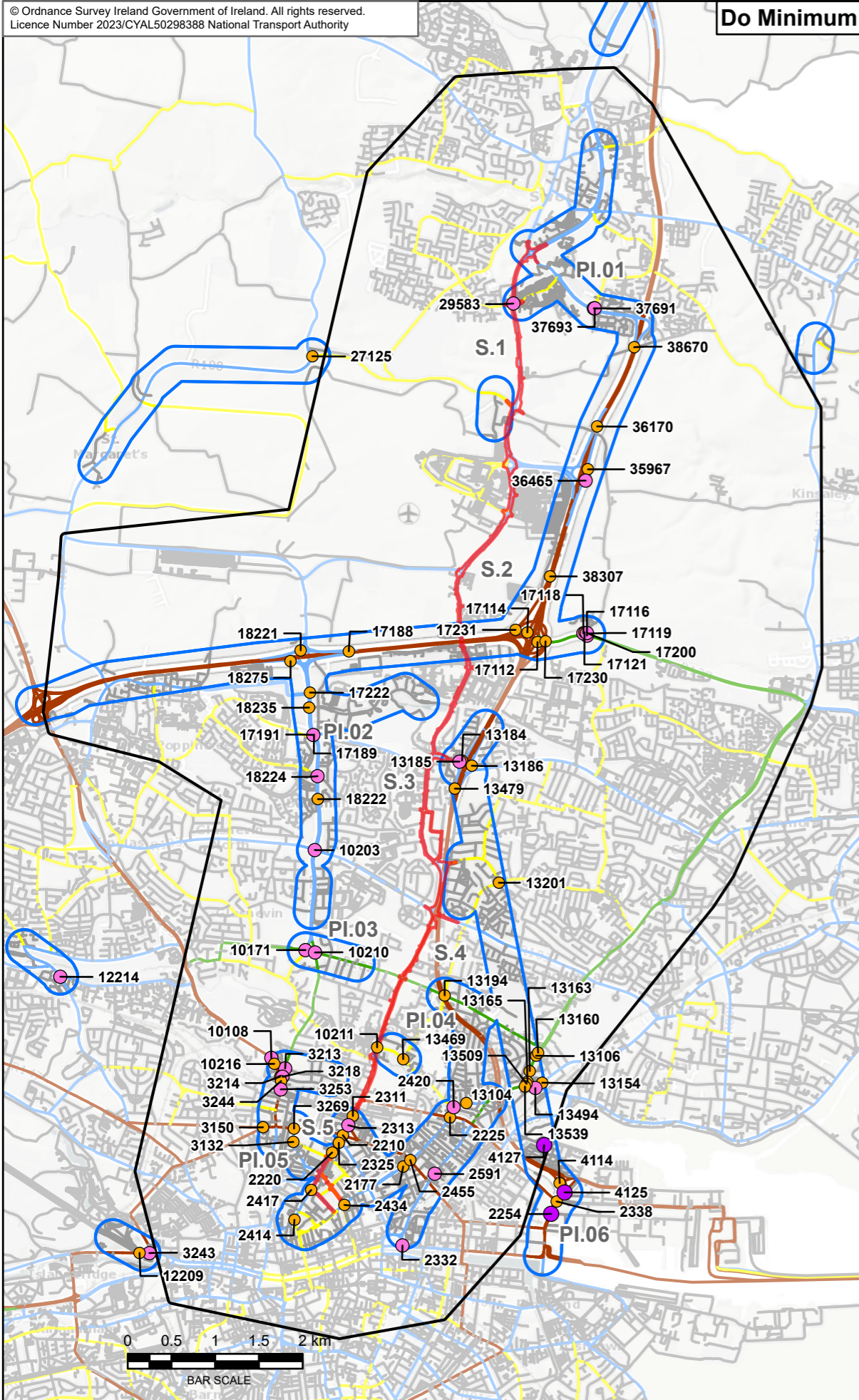
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>Figure 6.9 Swords to City Centre Core Bus Corridor Scheme Volume / Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour</b>			
Drawing File Name: BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0006	Sheet Number: 1 of 1	Status: A	Rev: M01



## 6.10

Volume/Capacity Ratios 2028  
Opening Year DoMinimum vs  
DoSomething PM Peak Hour





- Legend :**
- Direct Study Area
  - Indirect Study Area
  - Area of Influence
- V / C Ratios**
- 85% - 100%
  - 100% - 115%
  - > 115%
- Existing Road Category**
- Category 1
  - Category 2
  - Category 3
  - Category 4
  - Category 5
- A.1 Map ID**
- 17162 Junction Node ID**

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

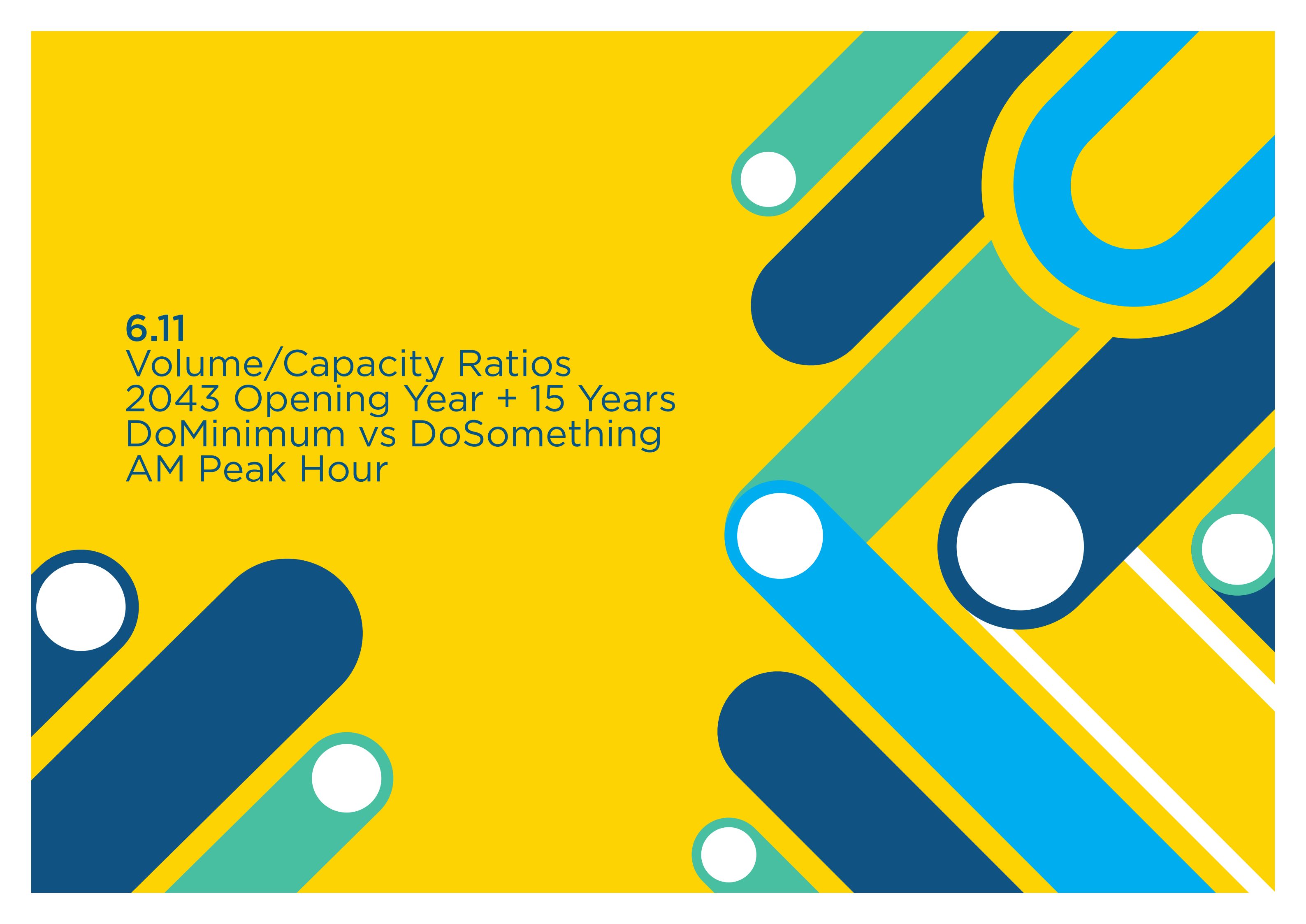
Date: 21/04/2023 | Scale @ A3: 1:50 000

Project Code: BCIDE | Originator Code: JAC

Drawn: HCH | Checked: EK | Approved: DK

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>Figure 6.10 Swords to City Centre Core Bus Corridor Scheme Volume / Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour</b>			
Drawing File Name: BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0007	Sheet Number: 1 of 1	Status: A	Rev: M01





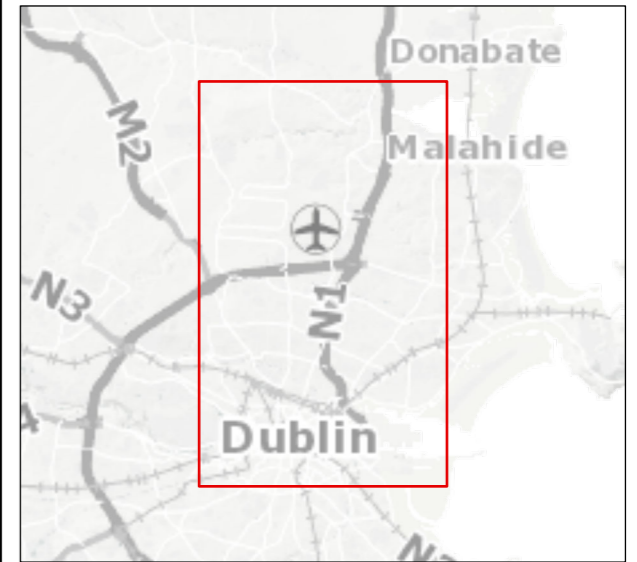
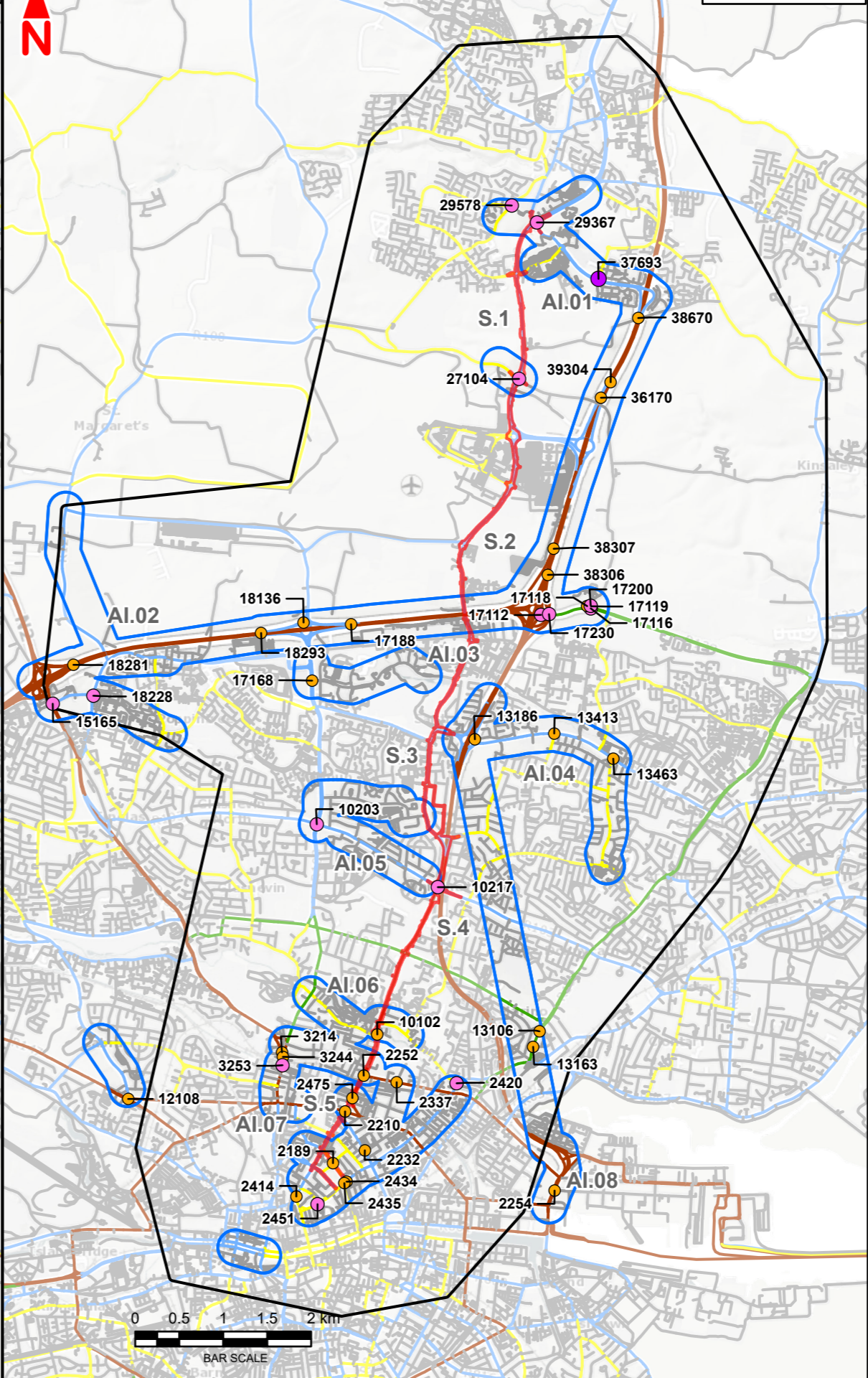
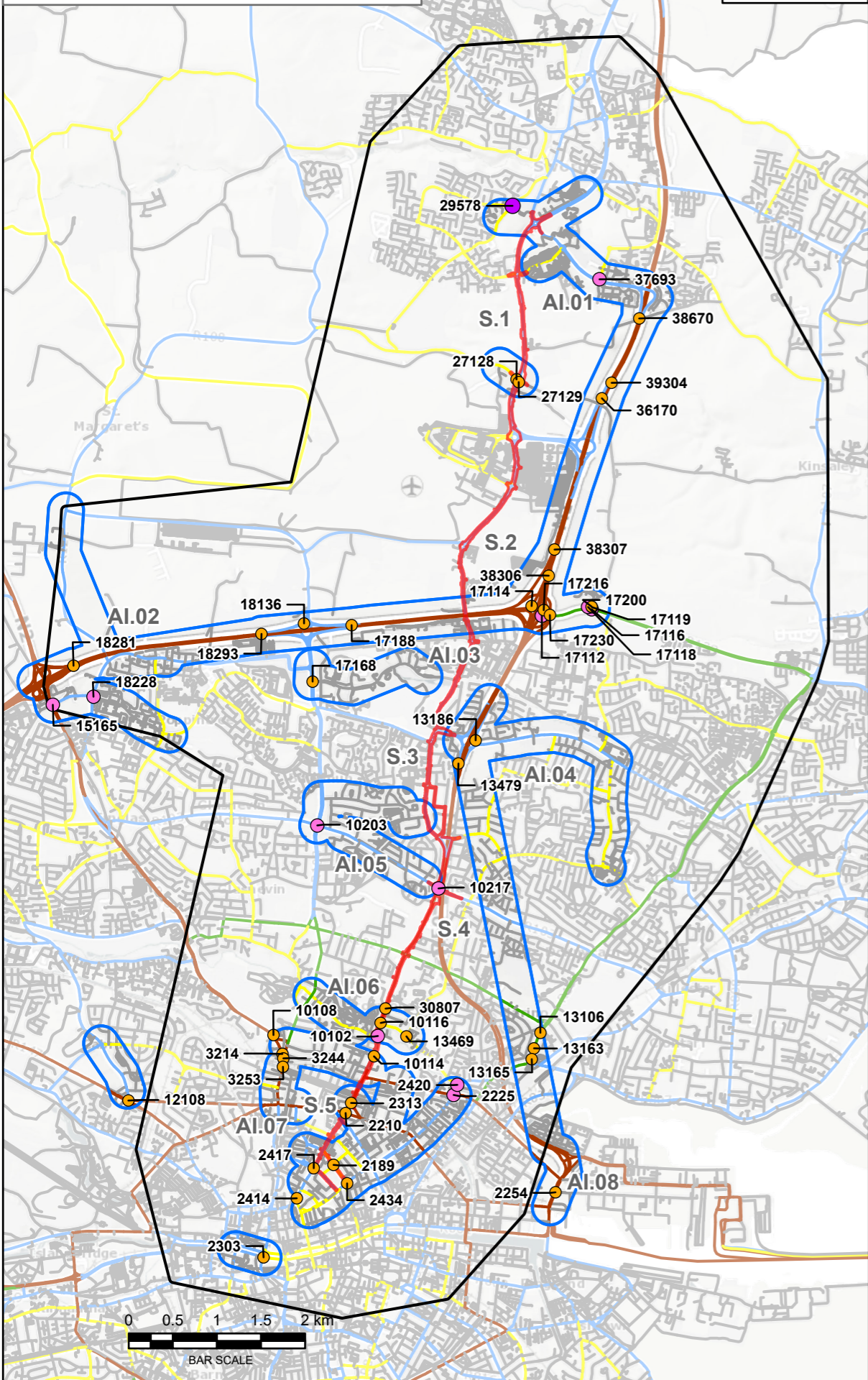
**6.11**  
Volume/Capacity Ratios  
2043 Opening Year + 15 Years  
DoMinimum vs DoSomething  
AM Peak Hour



**Do Minimum**



**Do Something**



- Legend :**
- Direct Study Area
  - Indirect Study Area
  - Area of Influence
- V / C Ratios**
- 85% - 100%
  - 100% - 115%
  - > 115%
- Existing Road Category**
- Category 1
  - Category 2
  - Category 3
  - Category 4
  - Category 5
- A.1 Map ID**
- 17162 Junction Node ID**

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 21/04/2023 | Scale @ A3: 1:50 000

Project Code: BCIDE | Originator Code: JAC

Drawn: HCH | Checked: EK | Approved: DK

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>Figure 6.11 Swords to City Centre Core Bus Corridor Scheme</b>			
Volume / Capacity Ratios: 2043 Opening Year + 15 Years DoMinimum vs DoSomething AM Peak Hour			
Drawing File Name: BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0008	Sheet Number: 1 of 1	Status: A	Rev: M01

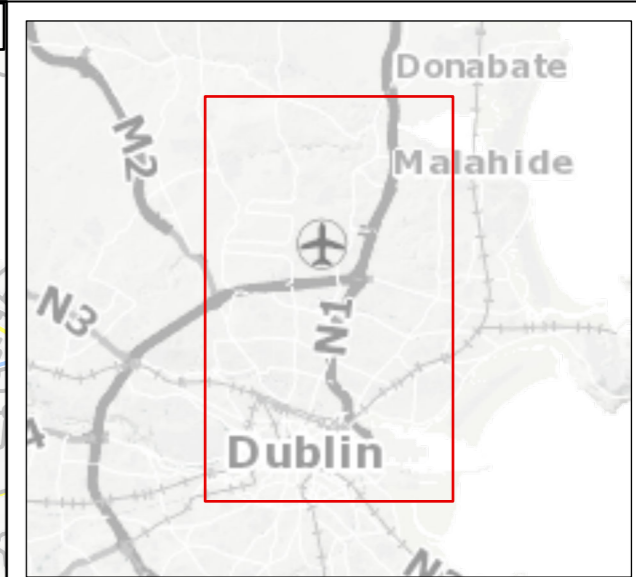
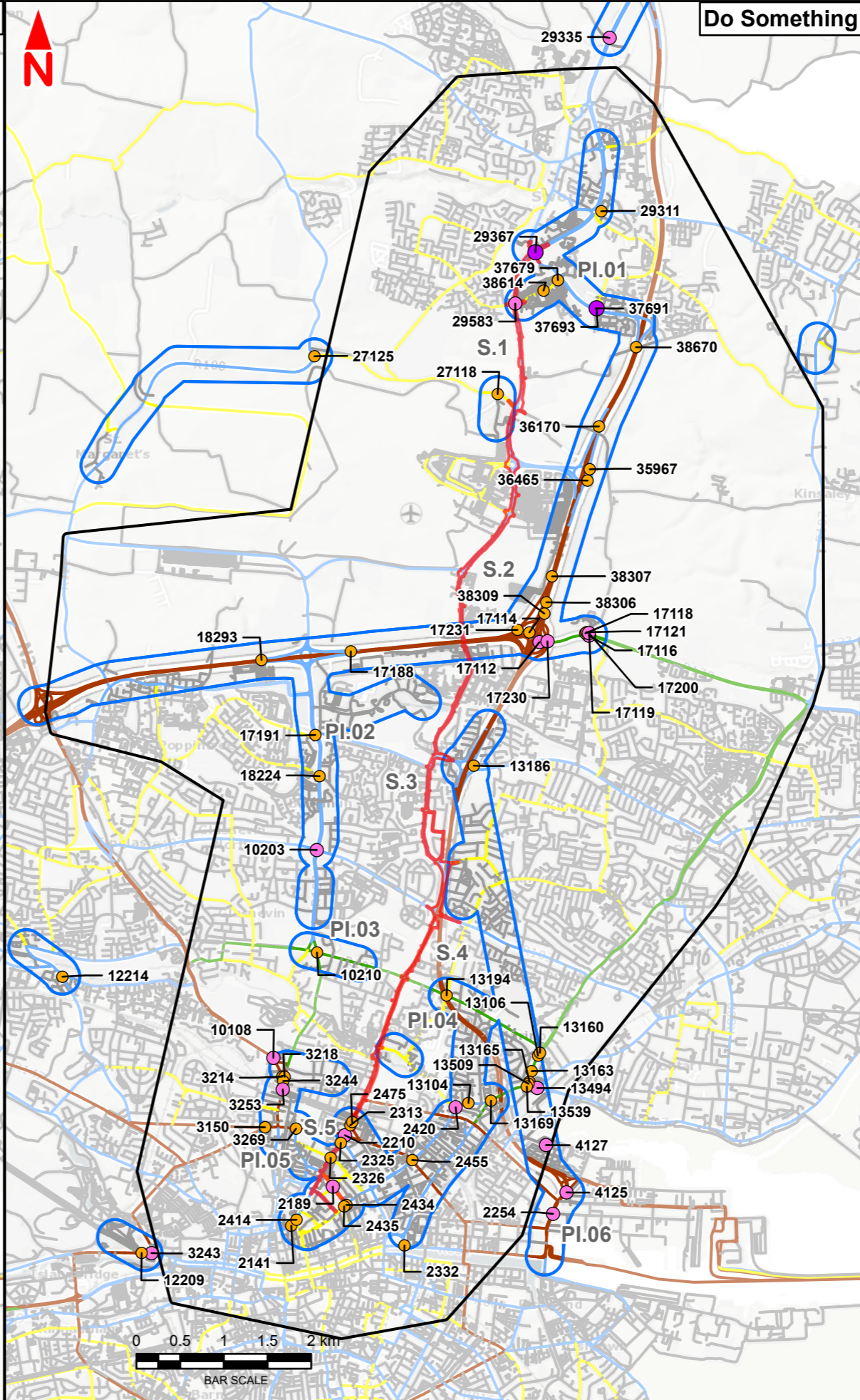
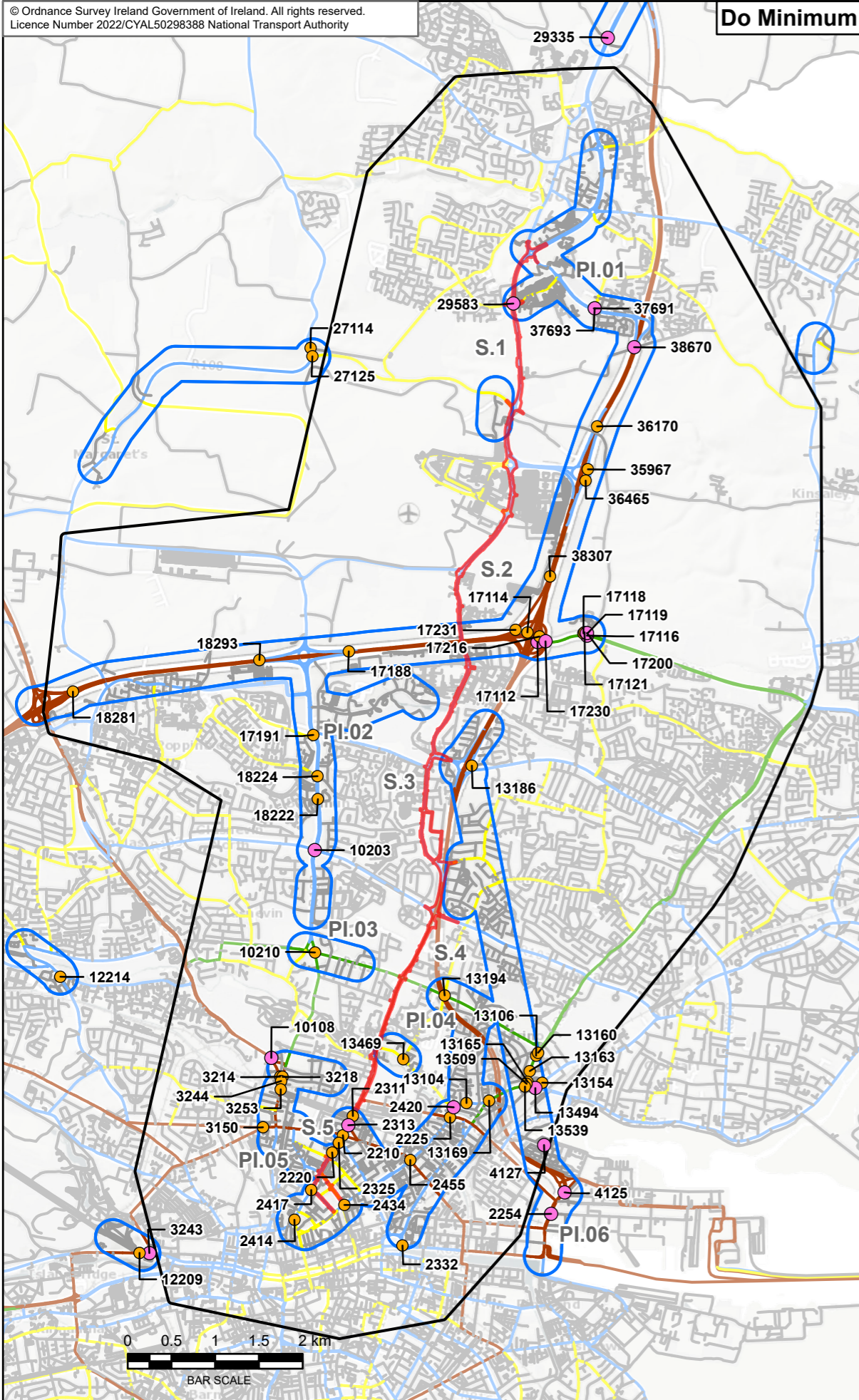


## 6.12

Volume/Capacity Ratios  
2043 Opening Year + 15 Years  
DoMinimum vs DoSomething  
PM Peak Hour







- Legend :**
- Direct Study Area
  - Indirect Study Area
  - Area of Influence
- V / C Ratios**
- 85% - 100%
  - 100% - 115%
  - > 115%
- Existing Road Category**
- Category 1
  - Category 2
  - Category 3
  - Category 4
  - Category 5
- A.1 Map ID**
- 17162 Junction Node ID**

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

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

Consultant: **JACOBS ARUP SYSTRA**

Date: 21/04/2023 | Scale @ A3: 1:50 000  
 Drawn: HCH | Checked: EK | Approved: DK

Project Code: BCIDE | Originator Code: JAC

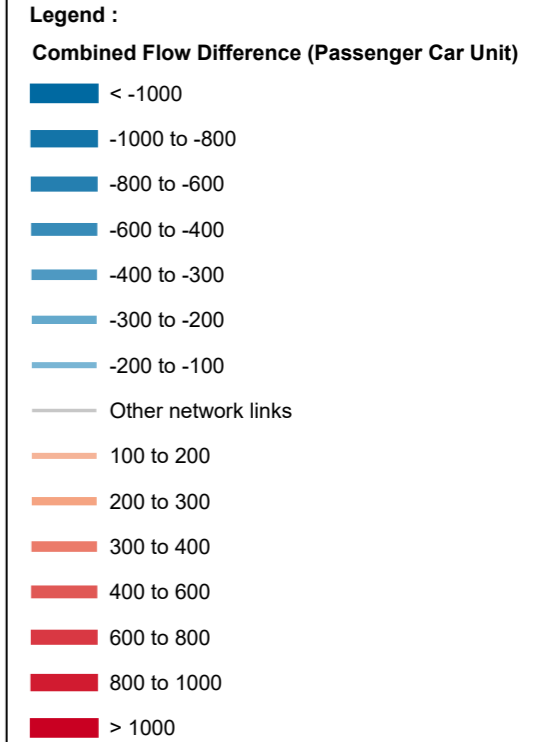
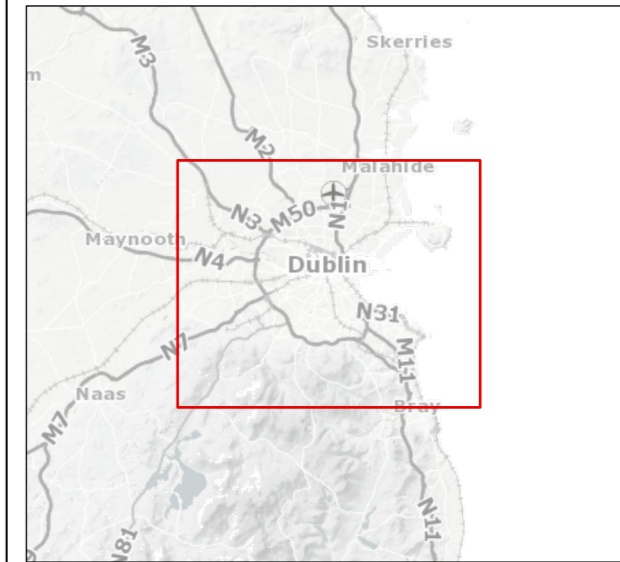
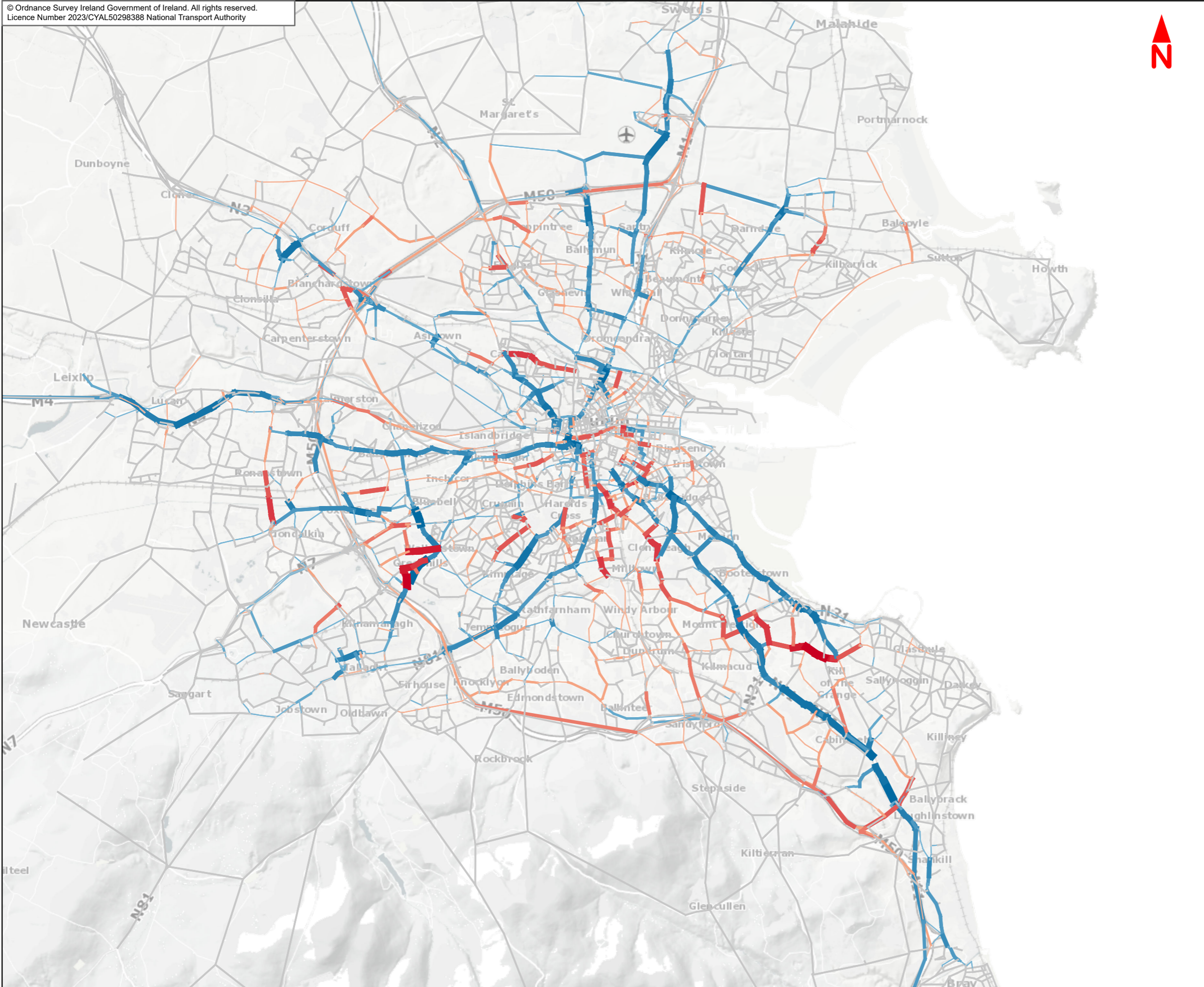
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>Figure 6.12 Swords to City Centre Core Bus Corridor Scheme Volume / Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething PM Peak Hour</b>			
Drawing File Name: BCIDE-JAC-ENV_TT-0002_XX_00-DR-GG-0009	Sheet Number: 1 of 1	Status: A	Rev: M01



**6.13**  
Flow Distribution 2028  
Post Construction Scenario  
(AM)







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M01	Mar 2023	HCH	PH	DK	ISSUE FOR PHASE 4 : PLANNING

Client

Date: 10/03/2023  
Scale @ A3: 1:110,000  
Project Code: BCIDE  
Originator Code: JAC

Consultant

Drawn: HCH  
Checked: PH  
Approved: DK  
QMS Code:

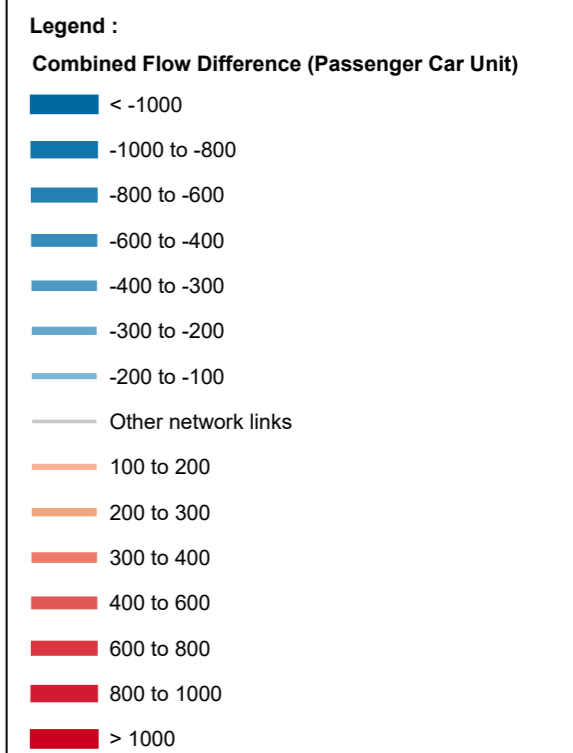
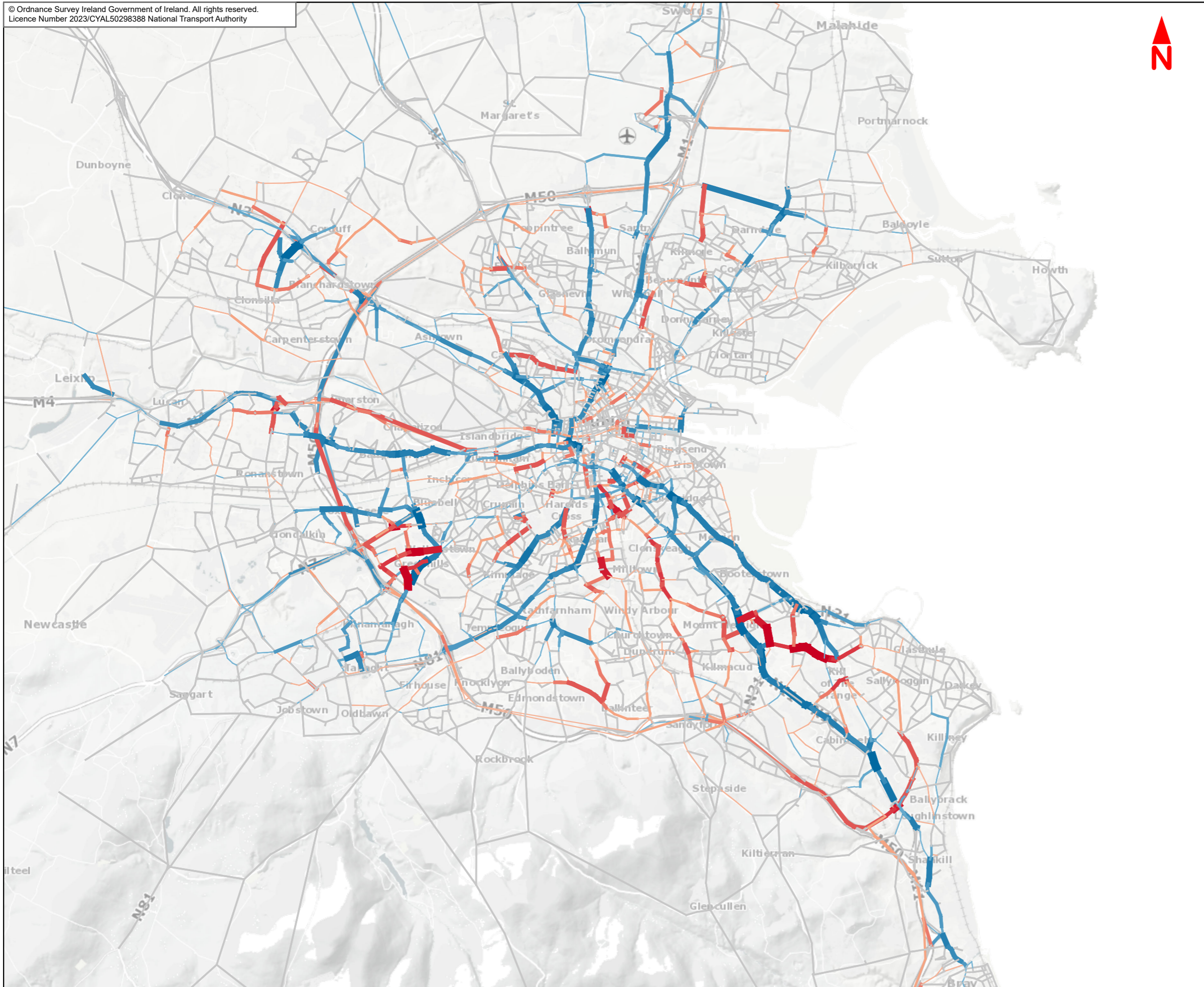
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				<b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title				Figure 6.13			
				Flow Distribution 2028			
				Post Construction Scenario (AM)			
				All Core Bus Corridors			
Drawing File Name	Sheet Number	Status	Rev				
BCIDE-JAC-PMG ZZ-0000_XX_00-DR-GG-0001	1 of 1	A	M01				



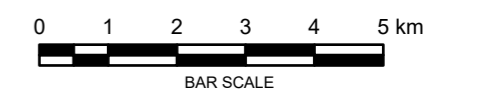
**6.14**  
Flow Distribution 2028  
Post Construction Scenario  
(PM)







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M01	Feb 2023	HCH	PH	DK	ISSUE FOR PHASE 4 : PLANNING

Client

Date: 14/02/2023  
Scale @ A3: 1:110,000  
Project Code: BCIDE  
Originator Code: JAC

Consultant

Drawn: HCH  
Checked: PH  
Approved: DK  
QMS Code: \_\_\_\_\_

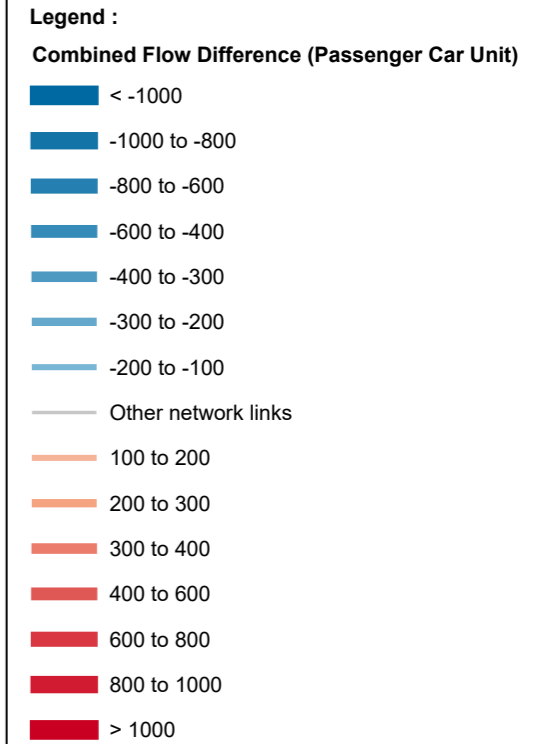
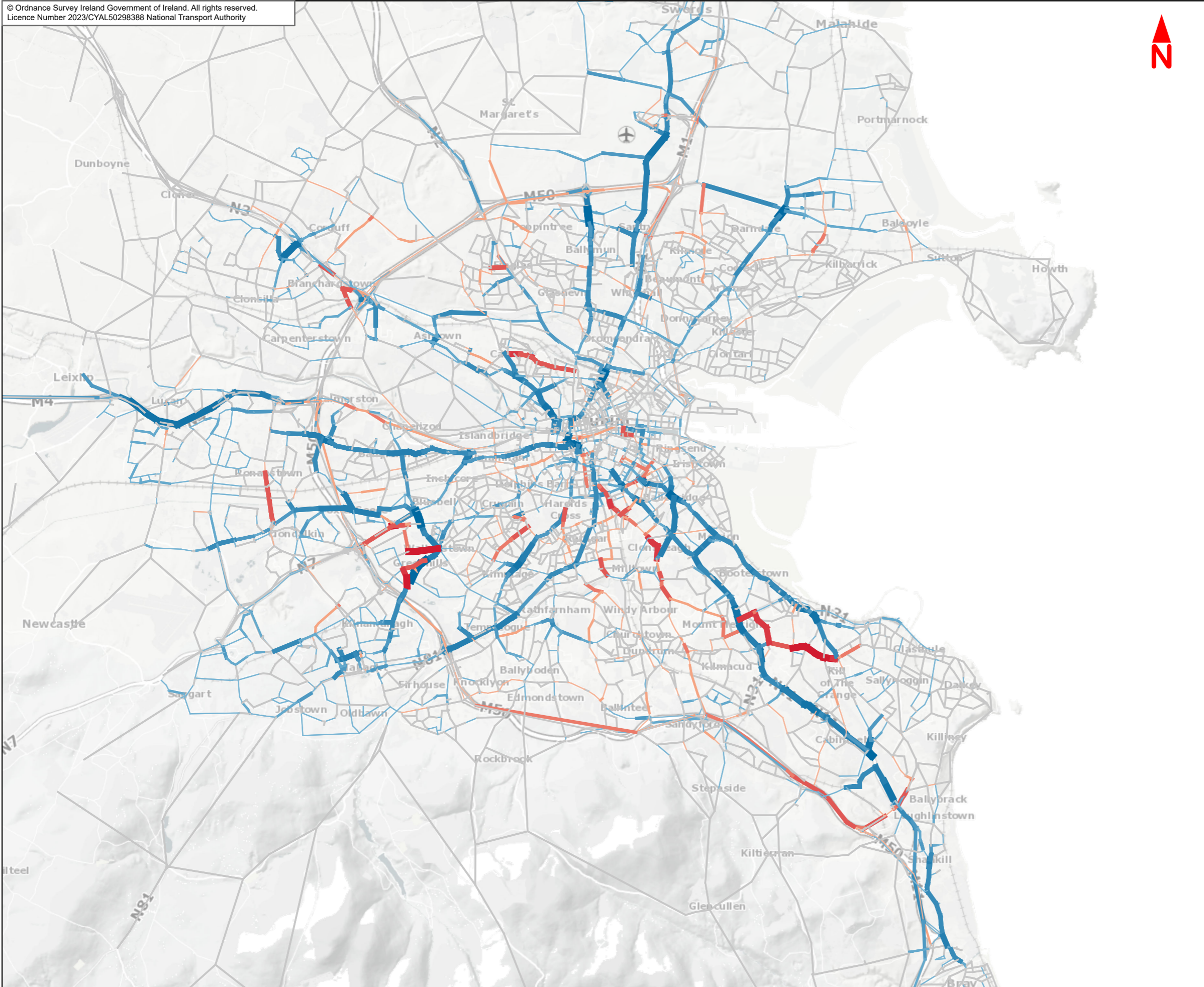
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Figure 6.14 Flow Distribution 2028 Post Construction Scenario (PM) All Core Bus Corridors			
Drawing File Name BCIDE-JAC-PMG ZZ-0000_XX_00-DR-GG-0002	Sheet Number 1 of 1	Status A	Rev M01



**6.15**  
Flow Distribution 2043  
Post Construction Scenario  
(AM)







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

Date: 15/02/2023  
Scale @ A3: 1:110,000  
Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

Drawn: HCH  
Checked: PH  
Approved: DK

QMS Code

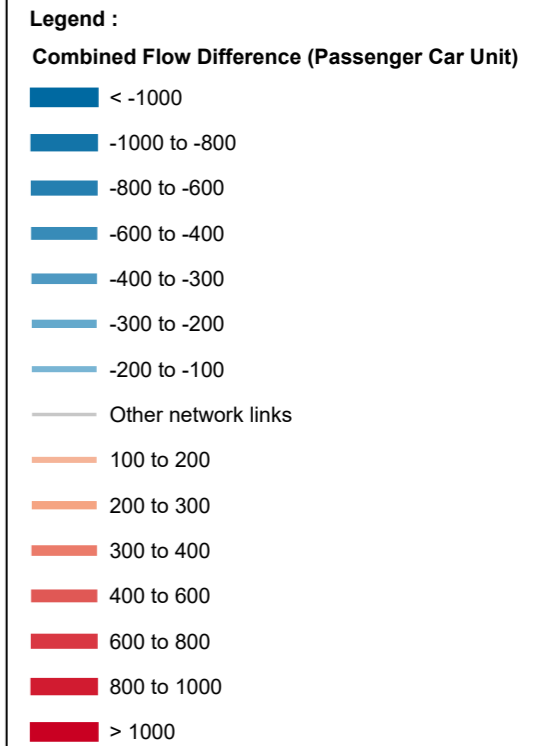
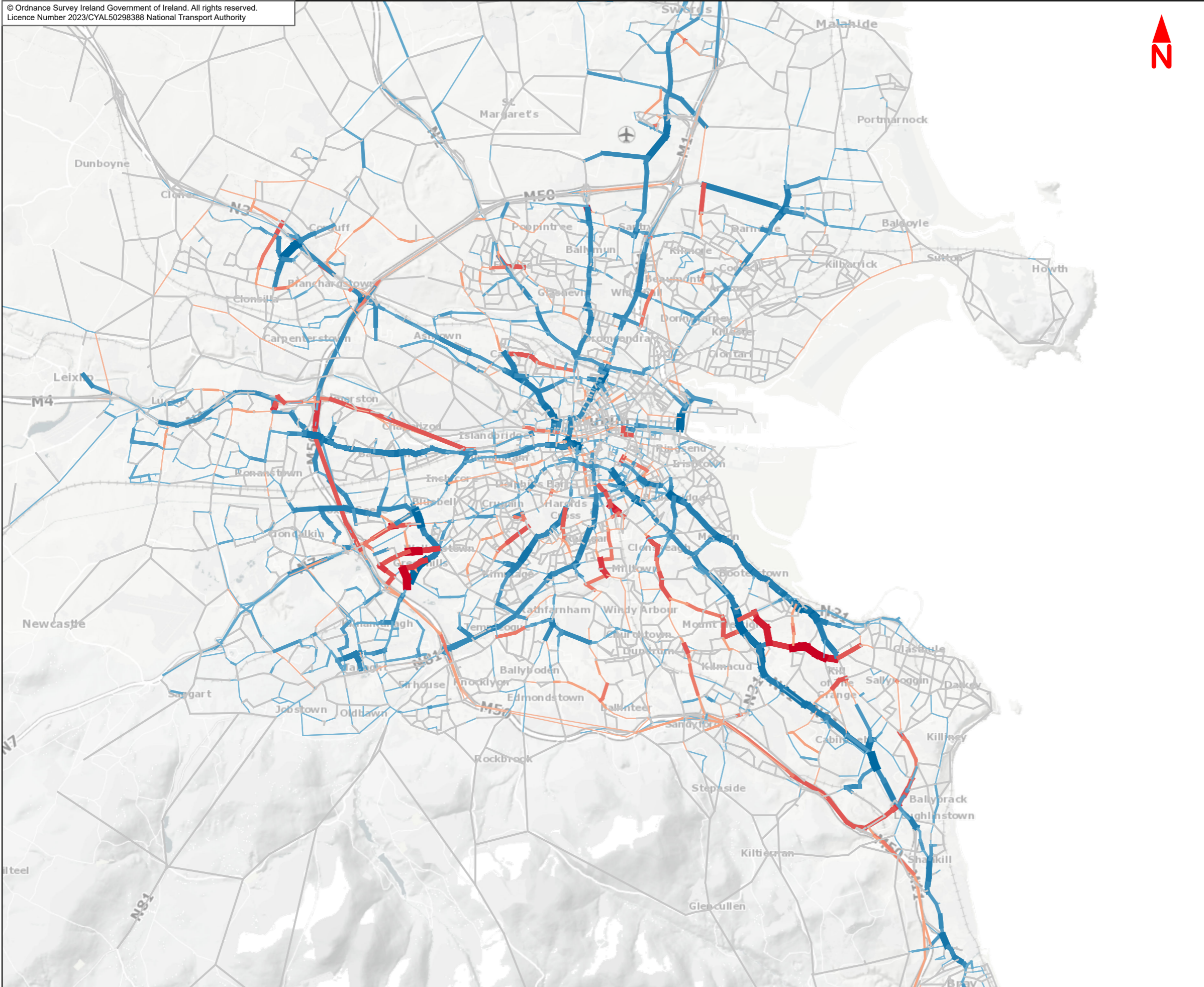
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Drawing Title Figure 6.15 Flow Distribution 2043 Post Construction Scenario (AM) All Core Bus Corridors			
Drawing File Name BCIDE-JAC-PMG ZZ-0000_XX_00-DR-GG-0003	Sheet Number 1 of 1	Status A	Rev M01



**6.16**  
Flow Distribution 2043  
Post Construction Scenario  
(PM)







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

Date: 15/02/2023  
Scale @ A3: 1:110,000

Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

Drawn: HCH  
Checked: PH  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Figure 6.16 Flow Distribution 2043 Post Construction Scenario (PM) All Core Bus Corridors			
Drawing File Name BCIDE-JAC-PMG ZZ-0000_XX_00-DR-GG-0004	Sheet Number 1 of 1	Status A	Rev M01