

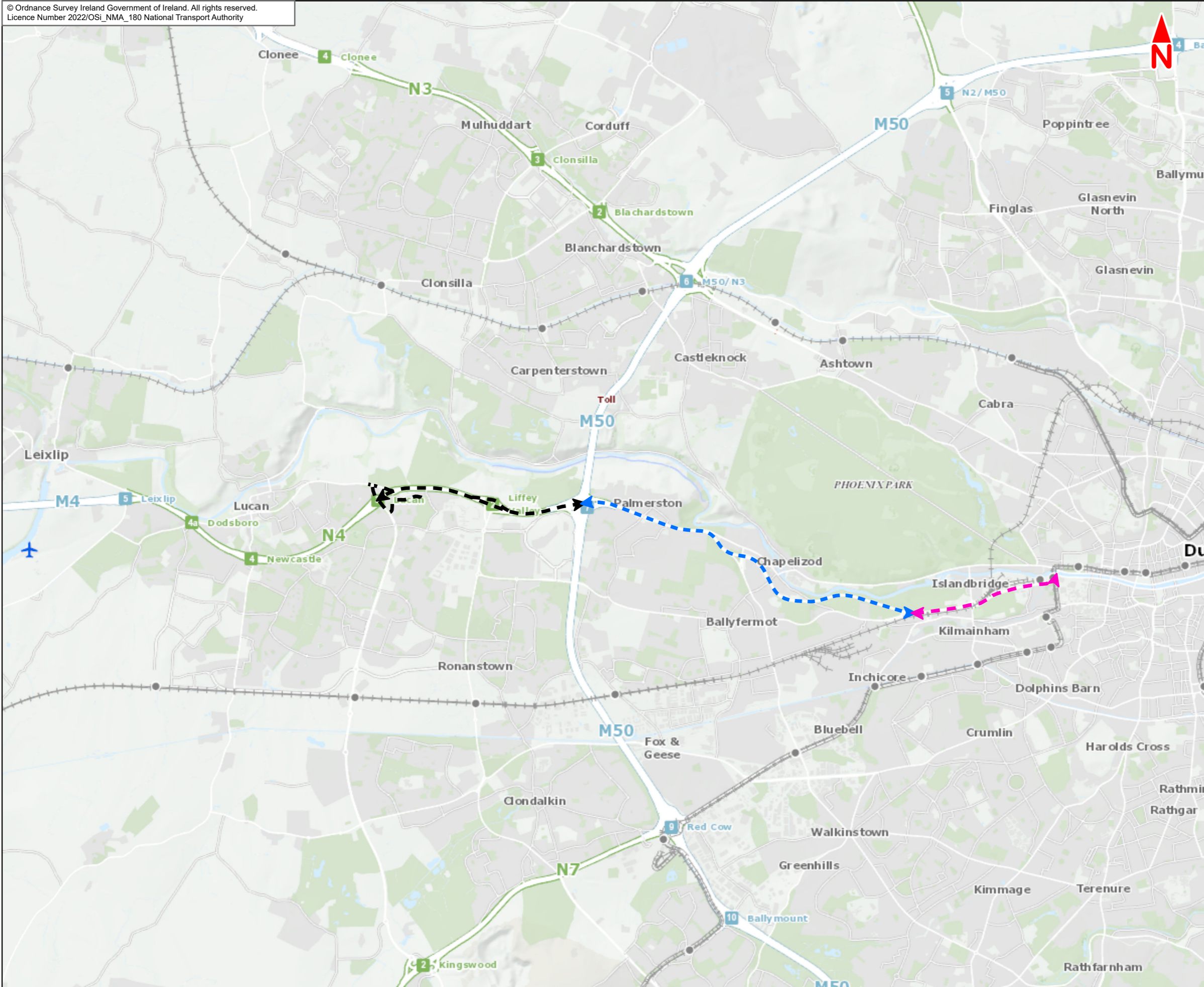
The background is a vibrant yellow. It is decorated with several abstract geometric shapes in shades of blue, teal, and white. These include circles, semi-circles, and rounded rectangular shapes, some of which are layered or overlapping. The shapes are scattered across the page, creating a modern and dynamic visual effect.

Appendix A6.1 Sub Appendix

Appendix 3 – Maps

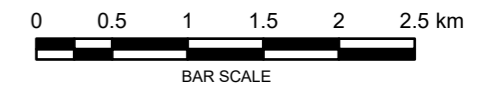
6.1
Proposed Scheme
Extents





- Legend :**
- Section 1**
 N4 Junction 3 to M50 Junction 7
 - Section 2**
 M50 Junction 7 to Con Colbert Road
 - Section 3**
 Con Colbert Road to Frank Sherwin Bridge

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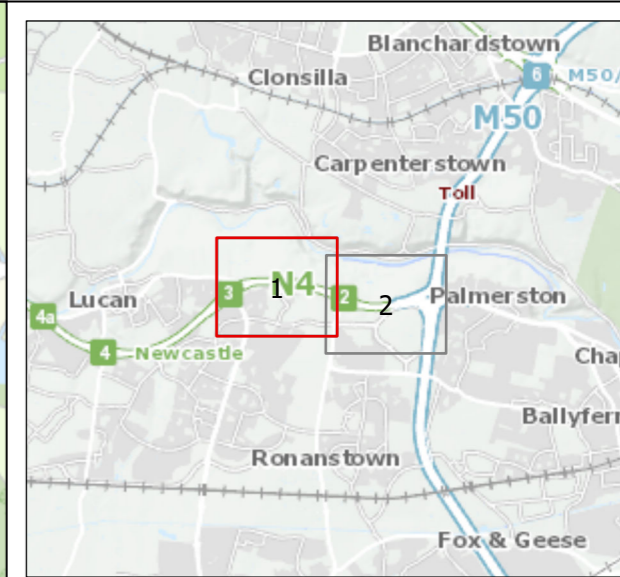
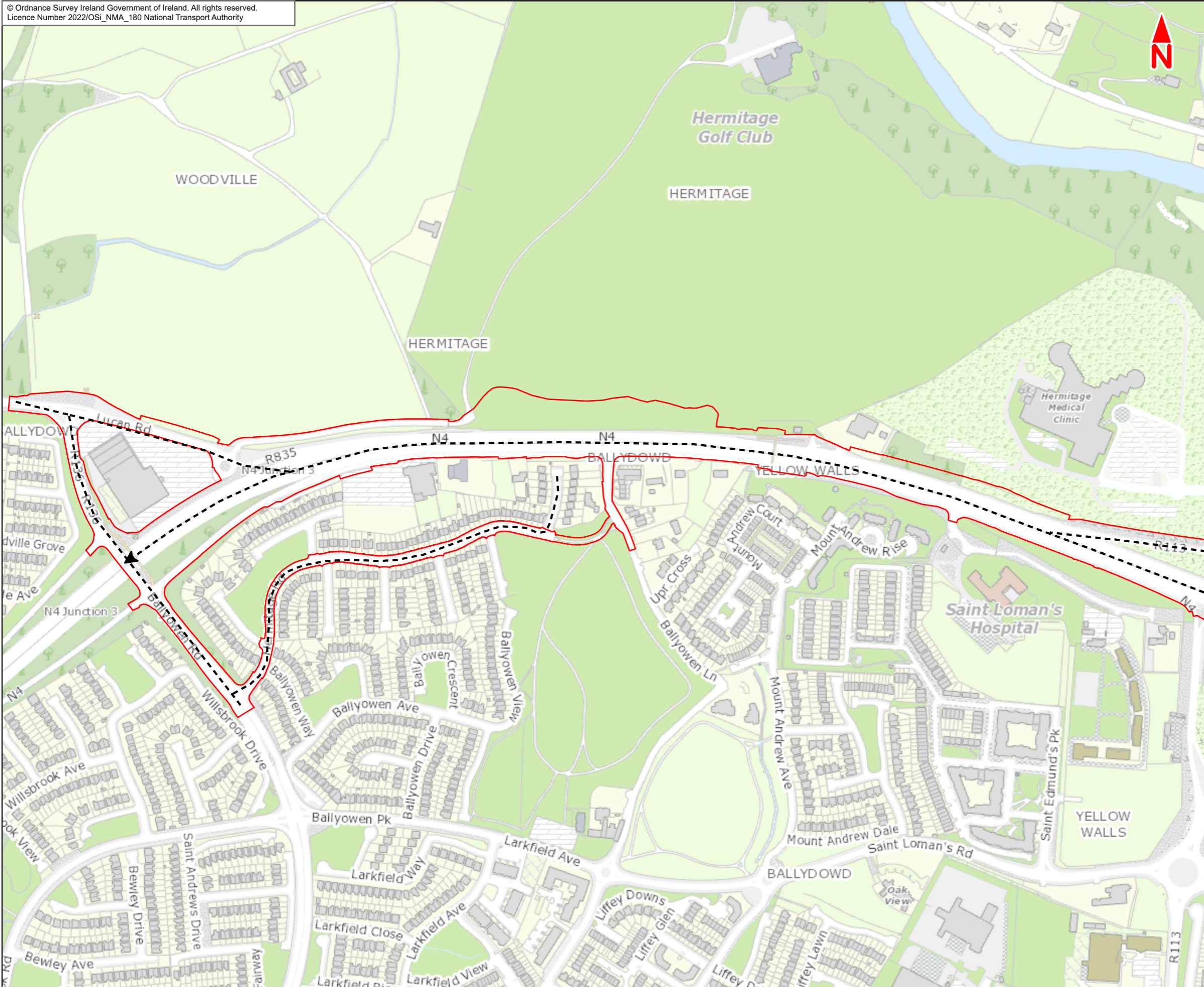
Rev	Date	Drn	Chk'd	App'd	Description
M01	Jun 2022	LF	BF	DK	ISSUE FOR PHASE 4 : PLANNING

Date	Scale @ A3	Drawn	Checked	Approved
14/06/2022	1:50 000	LF	BF	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.1 Proposed Scheme Extents				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0003	1 of 1	A	M01	

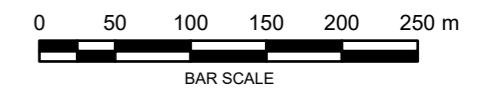
6.2a
Corridor Sections





Legend :
 Lucan to City Centre Core Bus Corridor Scheme
Section 1
↔ N4 Junction 3 to M50 Junction 7

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Date: 26/09/2022
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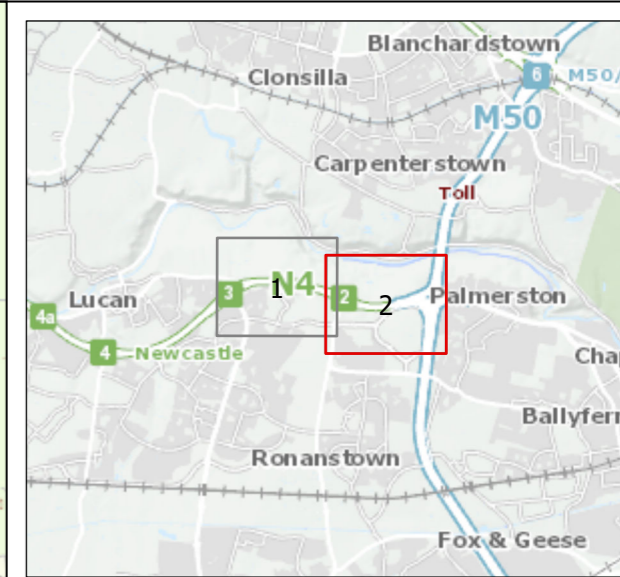
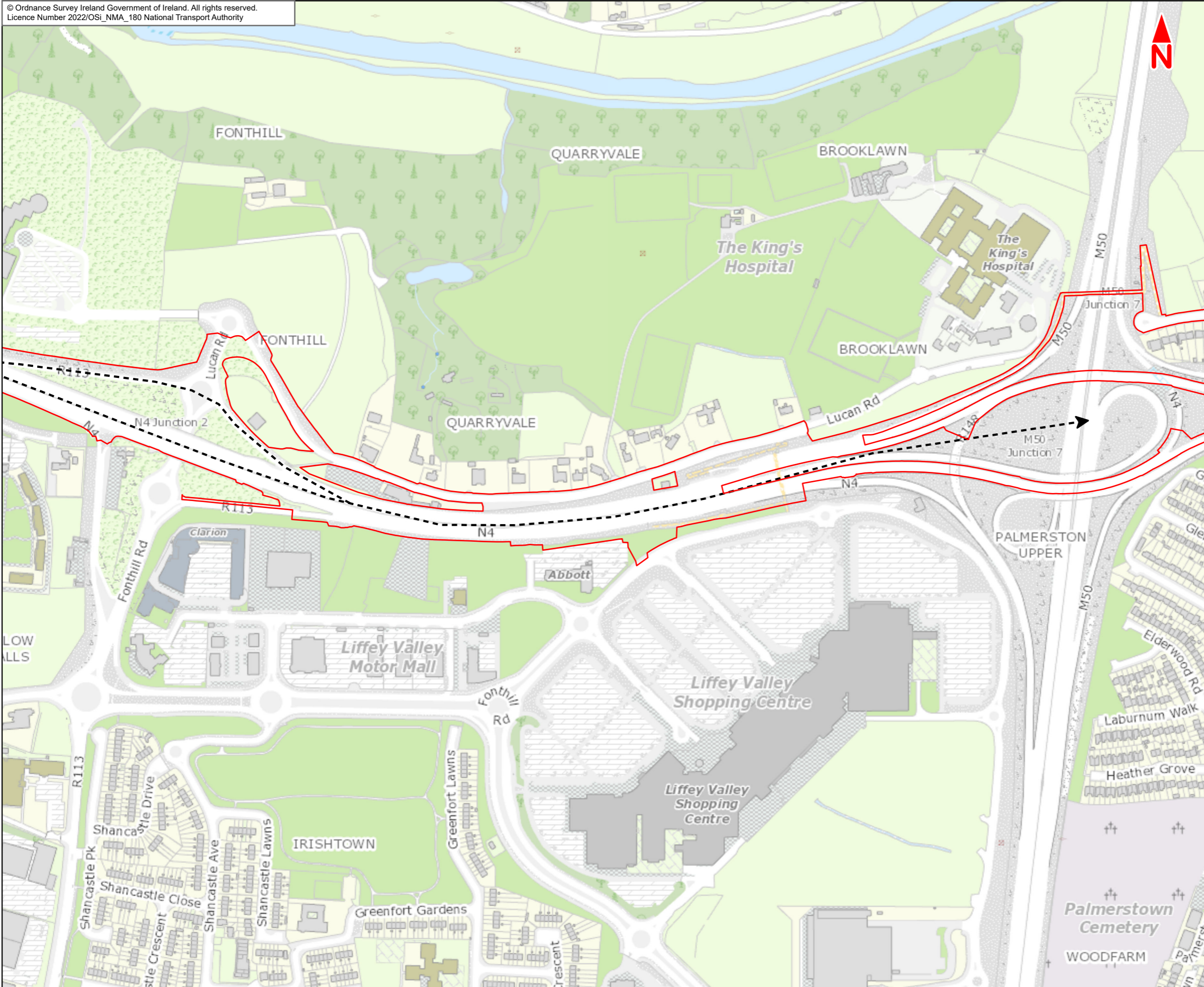
Project Code: BCIDE
 Originator Code: JAC

Consultant
JACOBS
ARUP SYSTRA

Drawn: LF
 Checked: BF
 Approved: DK

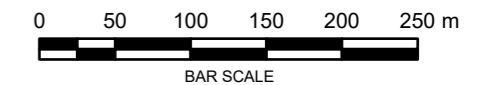
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Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.2a Corridor Sections Lucan to City Centre			
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0101	Sheet Number 1 of 2	Status A	Rev M01



- Legend :**
- Lucan to City Centre Core Bus Corridor Scheme
 - Section 1**
 - N4 Junction 3 to M50 Junction 7

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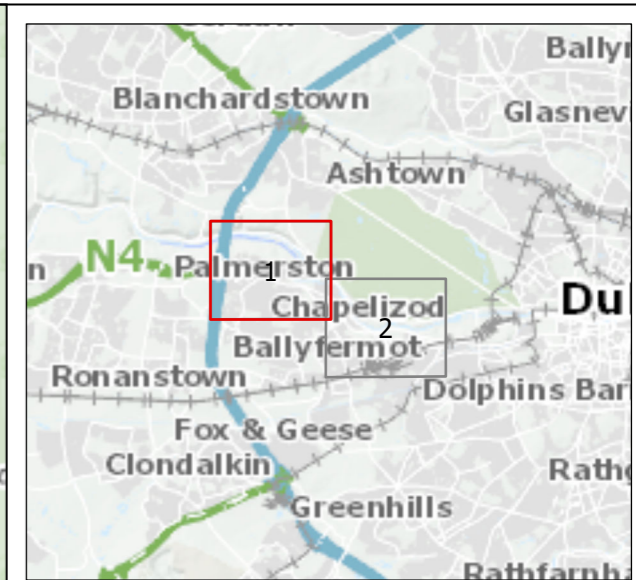
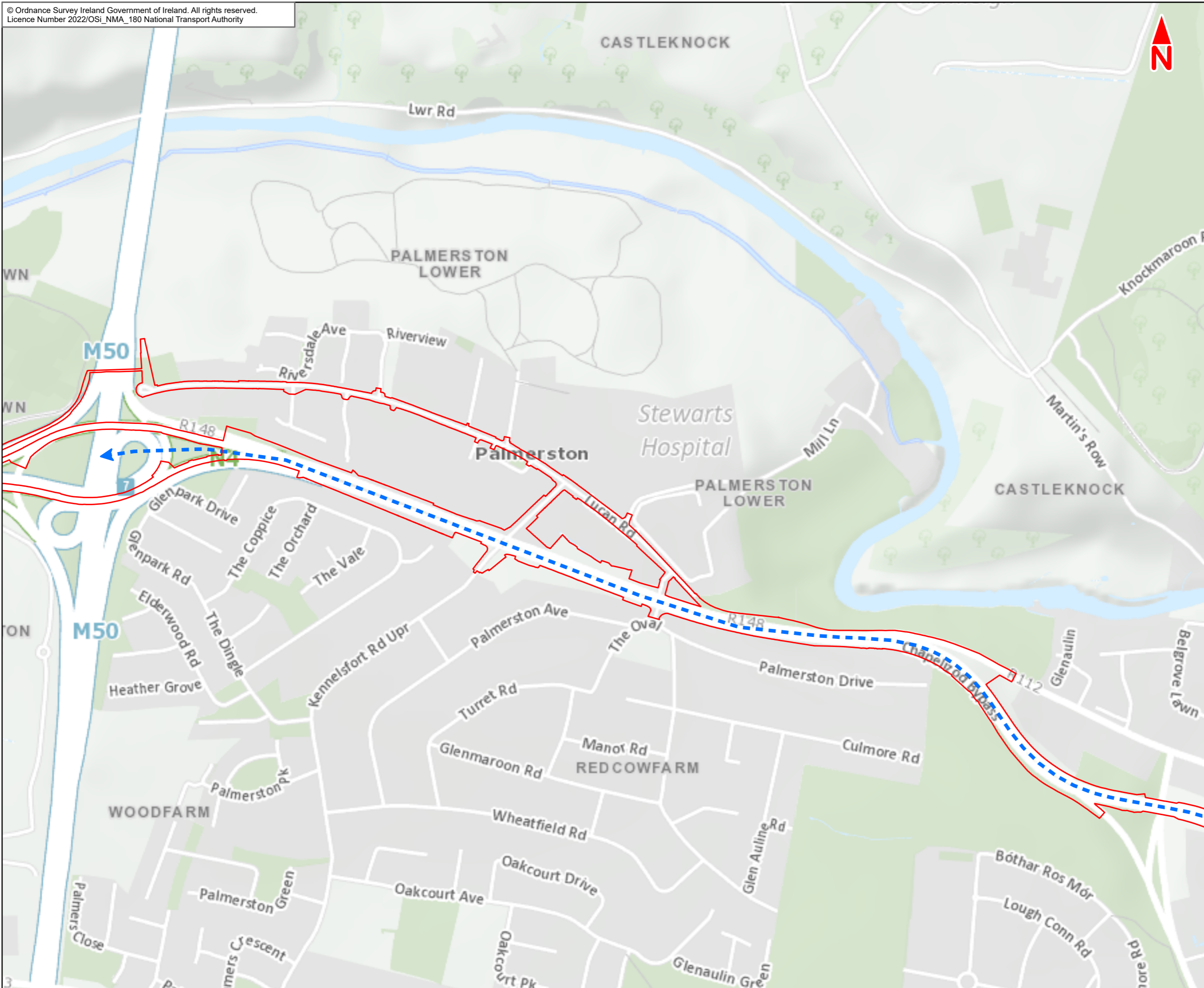
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National Transport Authority

Consultant
JACOBS ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.2a Corridor Sections Lucan to City Centre				
Date 26/09/2022	Scale @ A3 1:5 000	Drawn LF	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0102
Sheet Number 2 of 2		Status A	Rev M01	

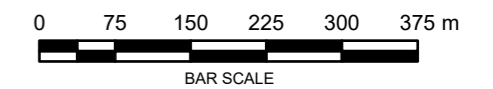
6.2b
Corridor Sections





- Legend :**
- Lucan to City Centre Core Bus Corridor Scheme
 - Section 2**
 - ◆ M50 Junction 7 to Con Colbert Road

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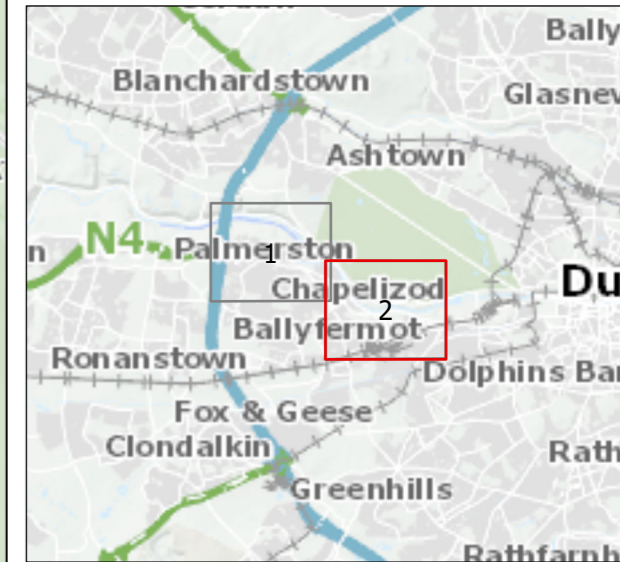
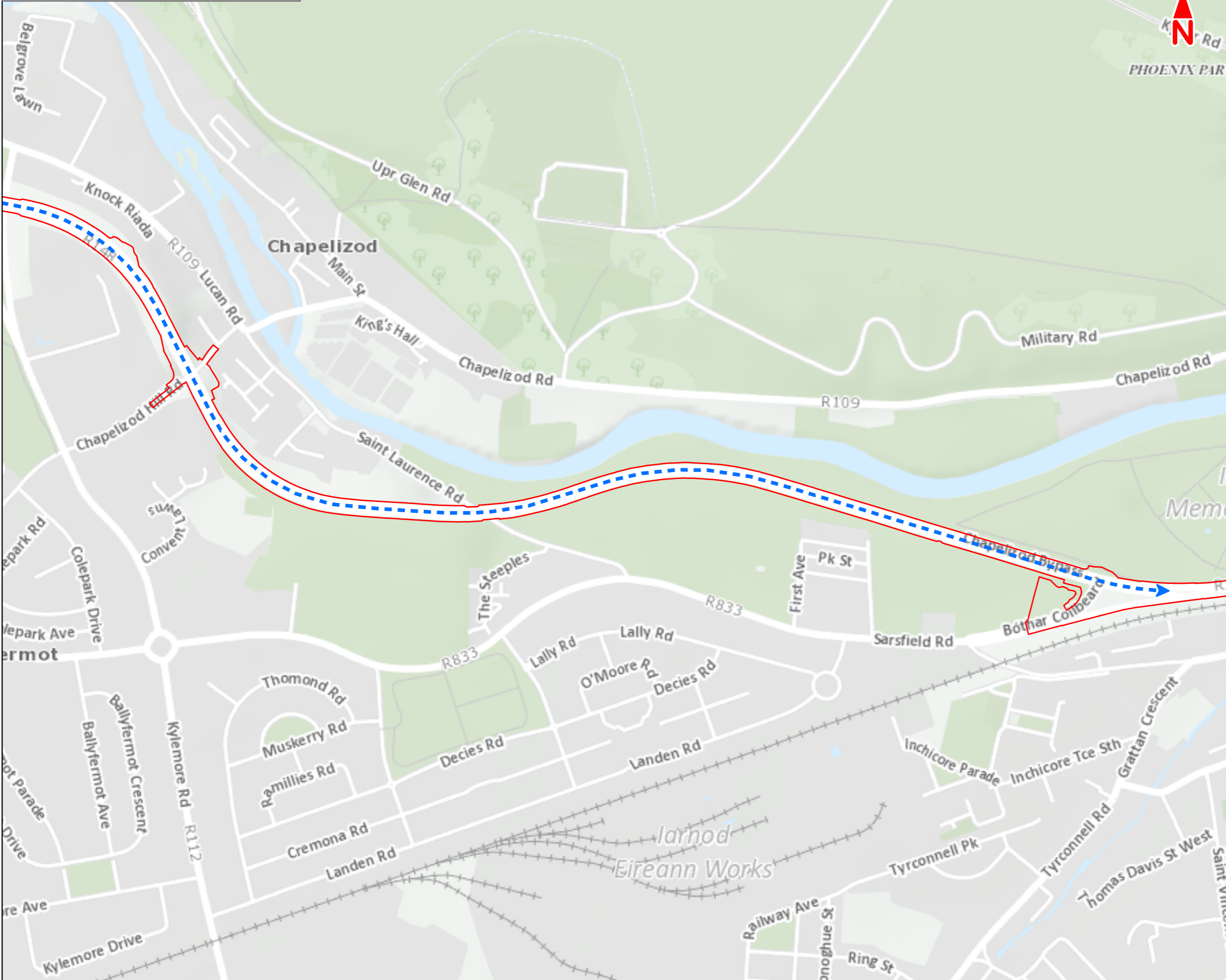
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Consultant

Drawn LF Checked BF Approved DK

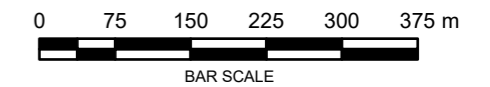
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Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
Lucan to City Centre Core Bus Corridor Scheme			
Figure 6.2b			
Corridor Sections			
Lucan to City Centre			
Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV TT-0006_XX_00-DR-GG-0103	1 of 2	A	M01



- Legend :**
- Lucan to City Centre Core Bus Corridor Scheme
 - Section 2**
 - ▶ M50 Junction 7 to Con Colbert Road

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National Transport Authority

Date 26/09/2022
Scale @ A3 1:7 500

Project Code BCIDE
Originator Code JAC

Consultant
JACOBS ARUP SYSTRA

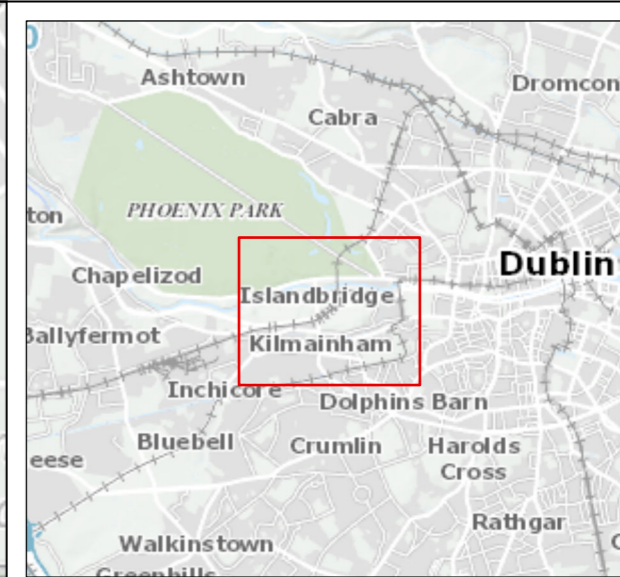
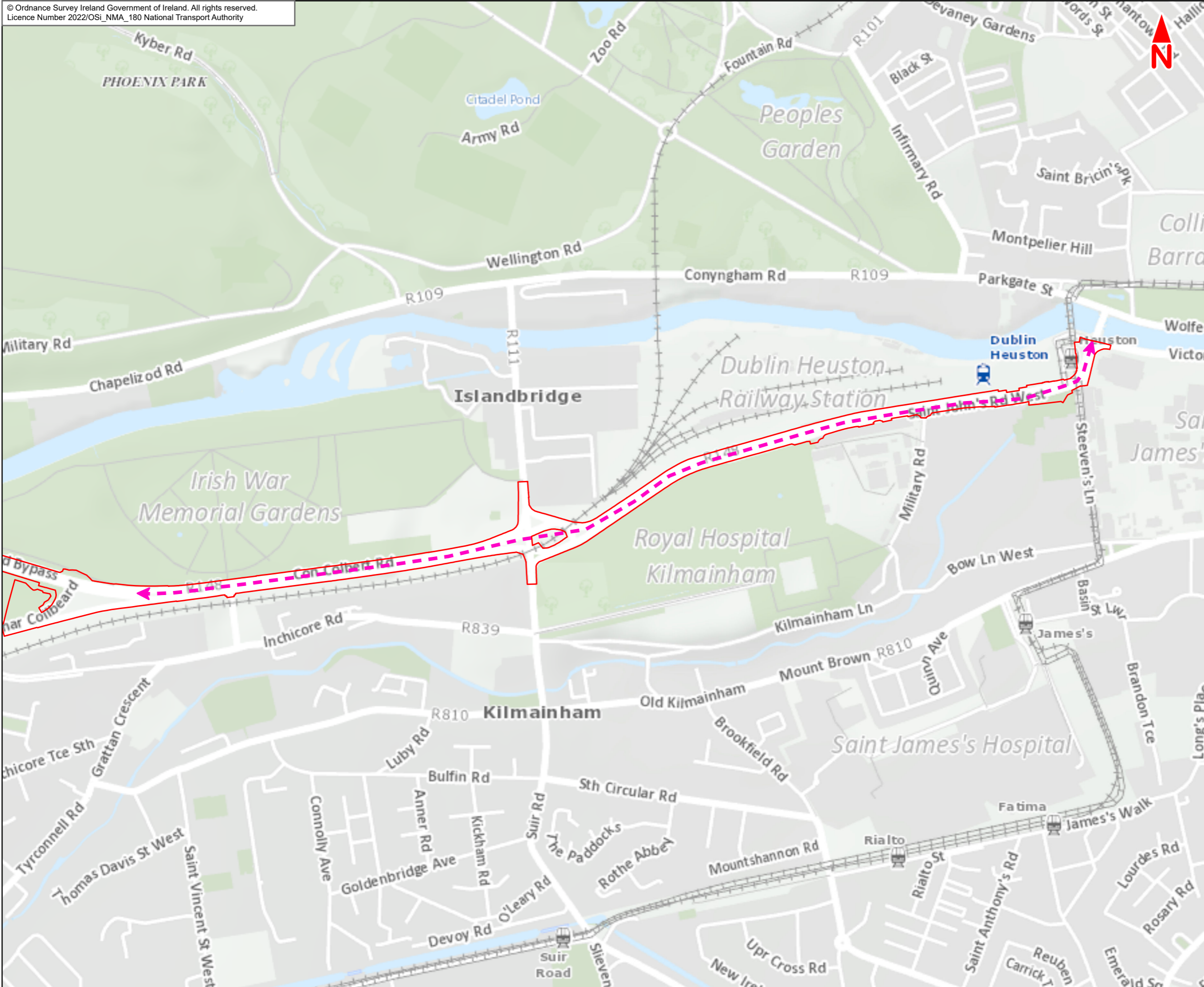
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Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.2b Corridor Sections Lucan to City Centre			
Drawing File Name BCIDE-JAC-ENV TT-0006_XX_00-DR-GG-0104	Sheet Number 2 of 2	Status A	Rev M01

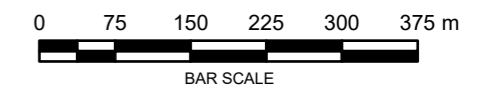
6.2c
Corridor Sections





- Legend :**
- Lucan to City Centre Core Bus Corridor Scheme
 - Section 3**
 - ↔ Con Colbert Road to Frank Sherwin Bridge

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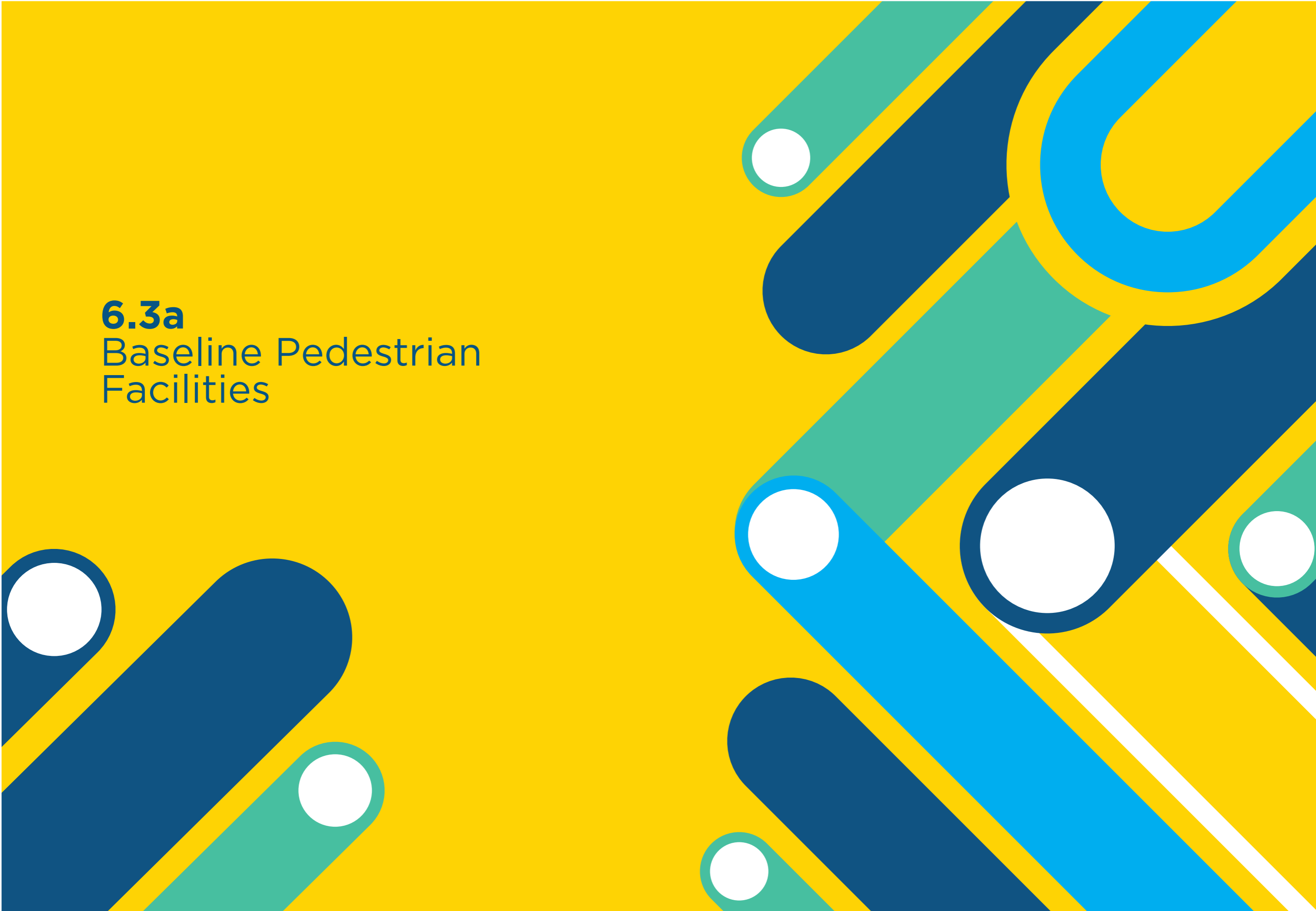


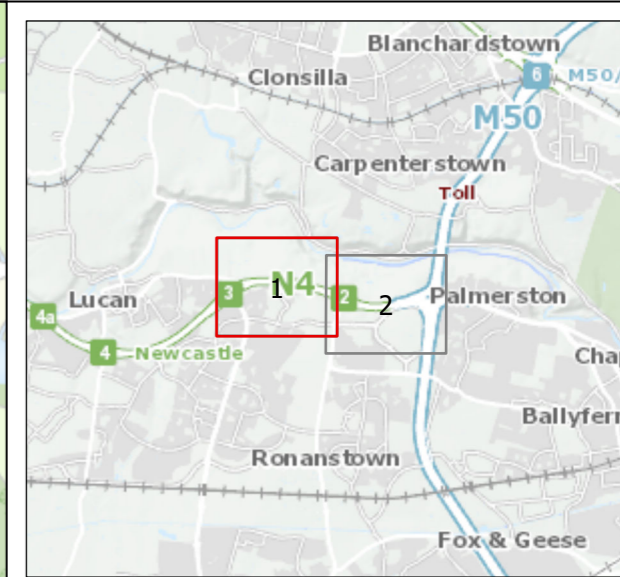
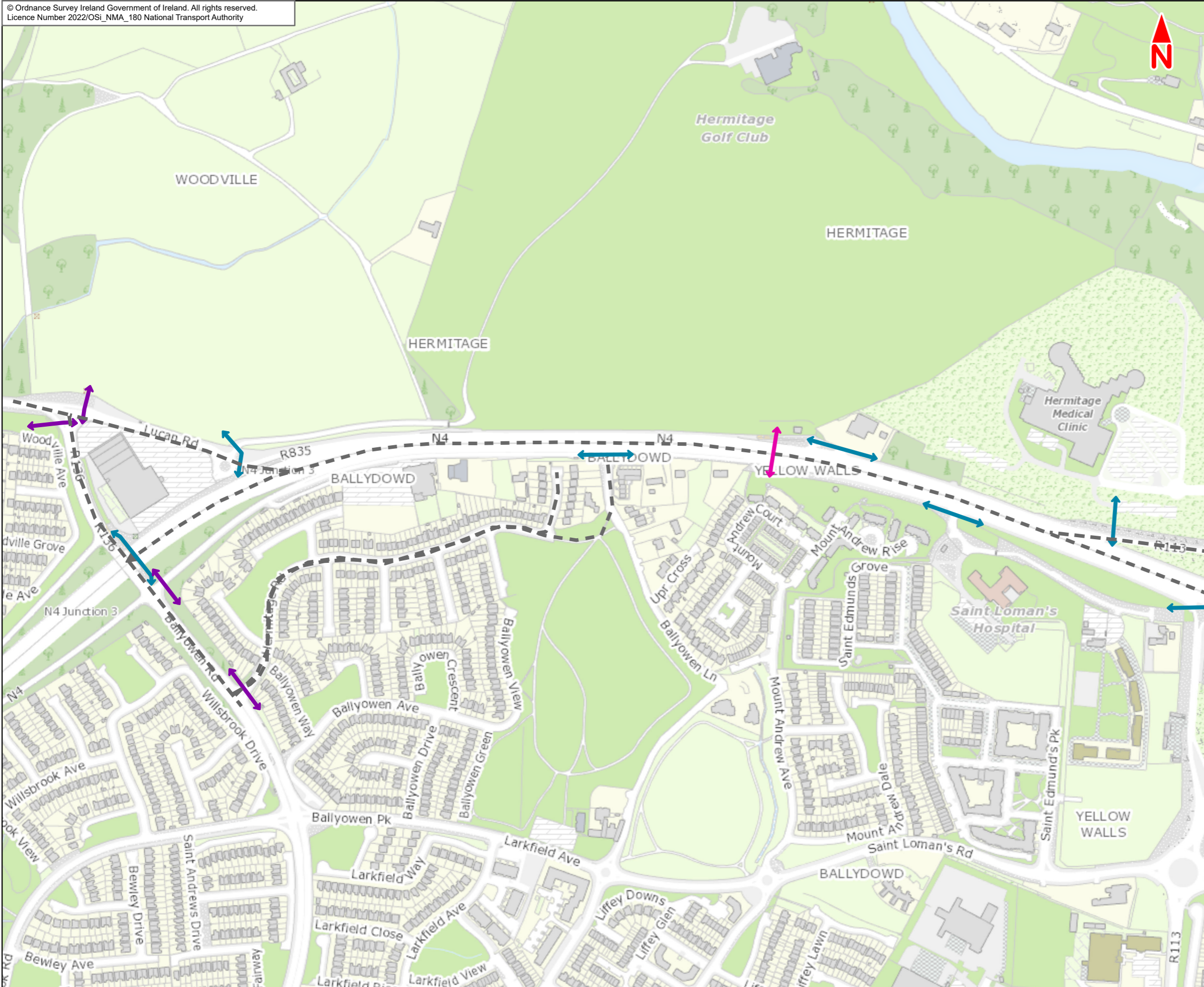
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Date 26/09/2022	Scale @ A3 1:7 500	Drawn LF	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.2c Corridor Sections Lucan to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0105	Sheet Number 1 of 1	Status A	Rev M01	

6.3a
Baseline Pedestrian
Facilities





Legend :

Section 1

◆ N4 Junction 3 to M50 Junction 7

Indicative Existing Pedestrian Crossings

↔ Signalised Crossing

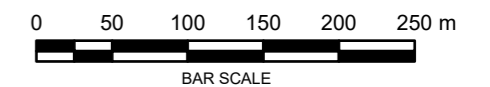
↔ Uncontrolled Crossing

↔ Grade-Separated Bridge

Note 1: Facilities contained within the Lucan 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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Date: 14/06/2022
Scale @ A3: 1:5 000

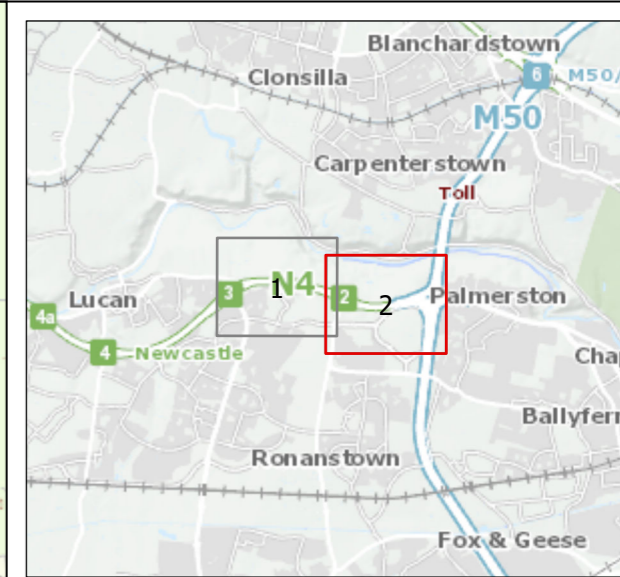
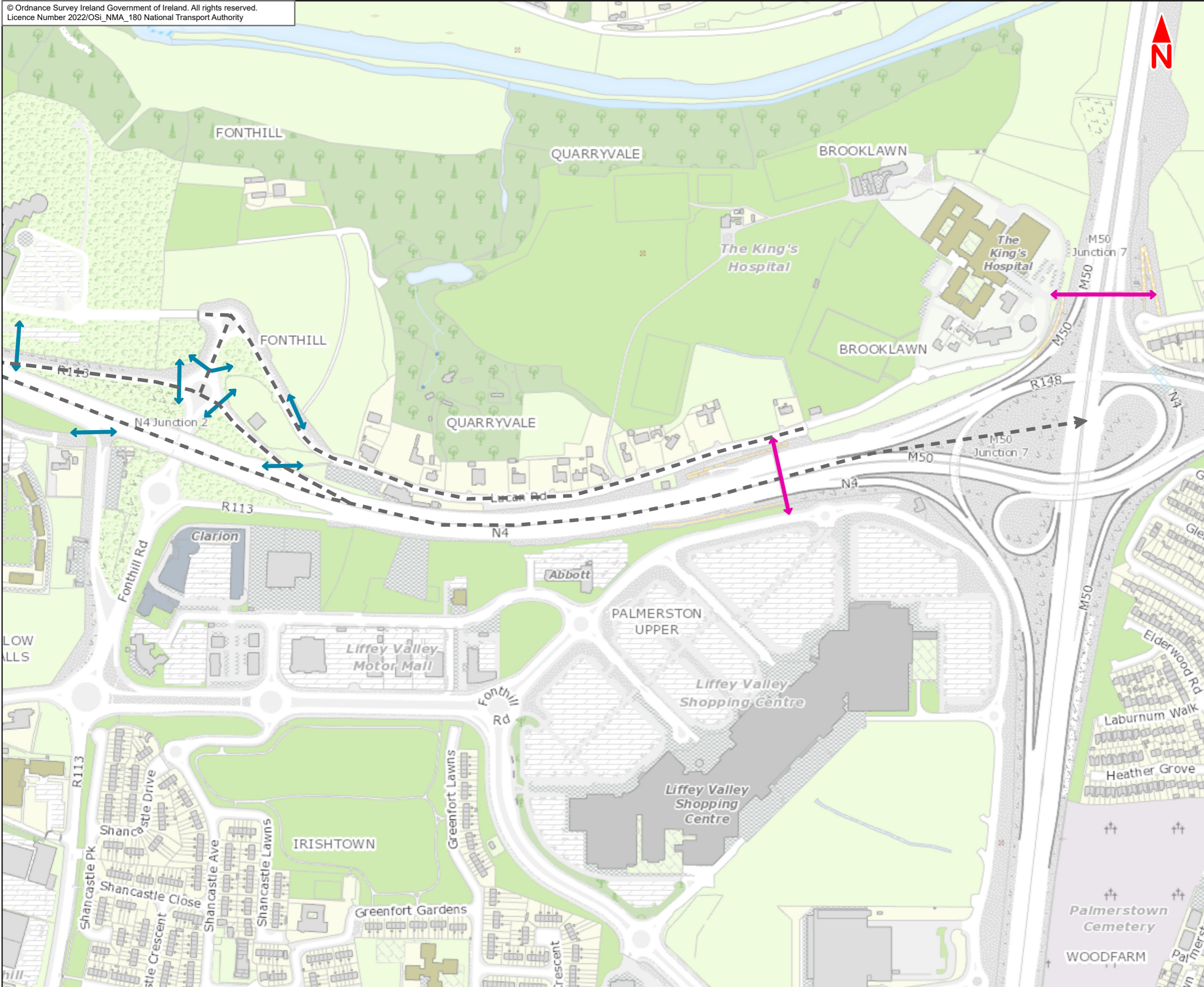
Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

Drawn: LF
Checked: BF
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Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.3a Baseline Pedestrian Facilities Lucan to City Centre			
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0201	Sheet Number 1 of 2	Status A	Rev M01



Legend :

Section 1

◀▶ N4 Junction 3 to M50 Junction 7

Indicative Existing Pedestrian Crossings

◀▶ Signalised Crossing

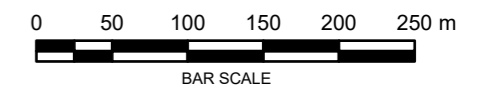
◀▶ Uncontrolled Crossing

◀▶ Grade-Separated Bridge

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

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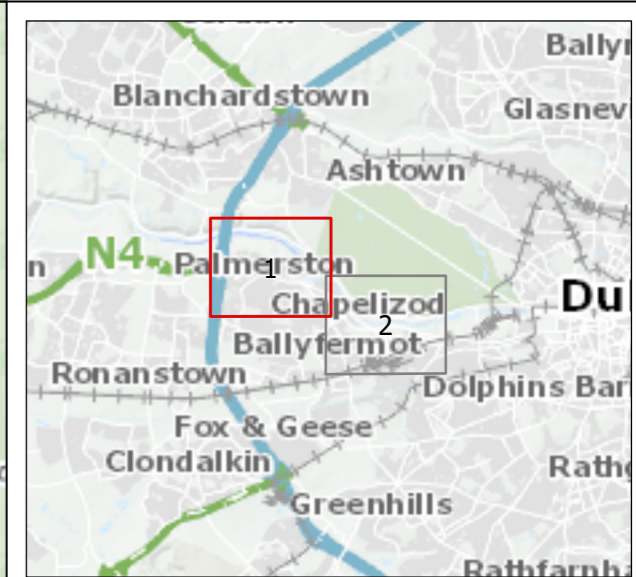
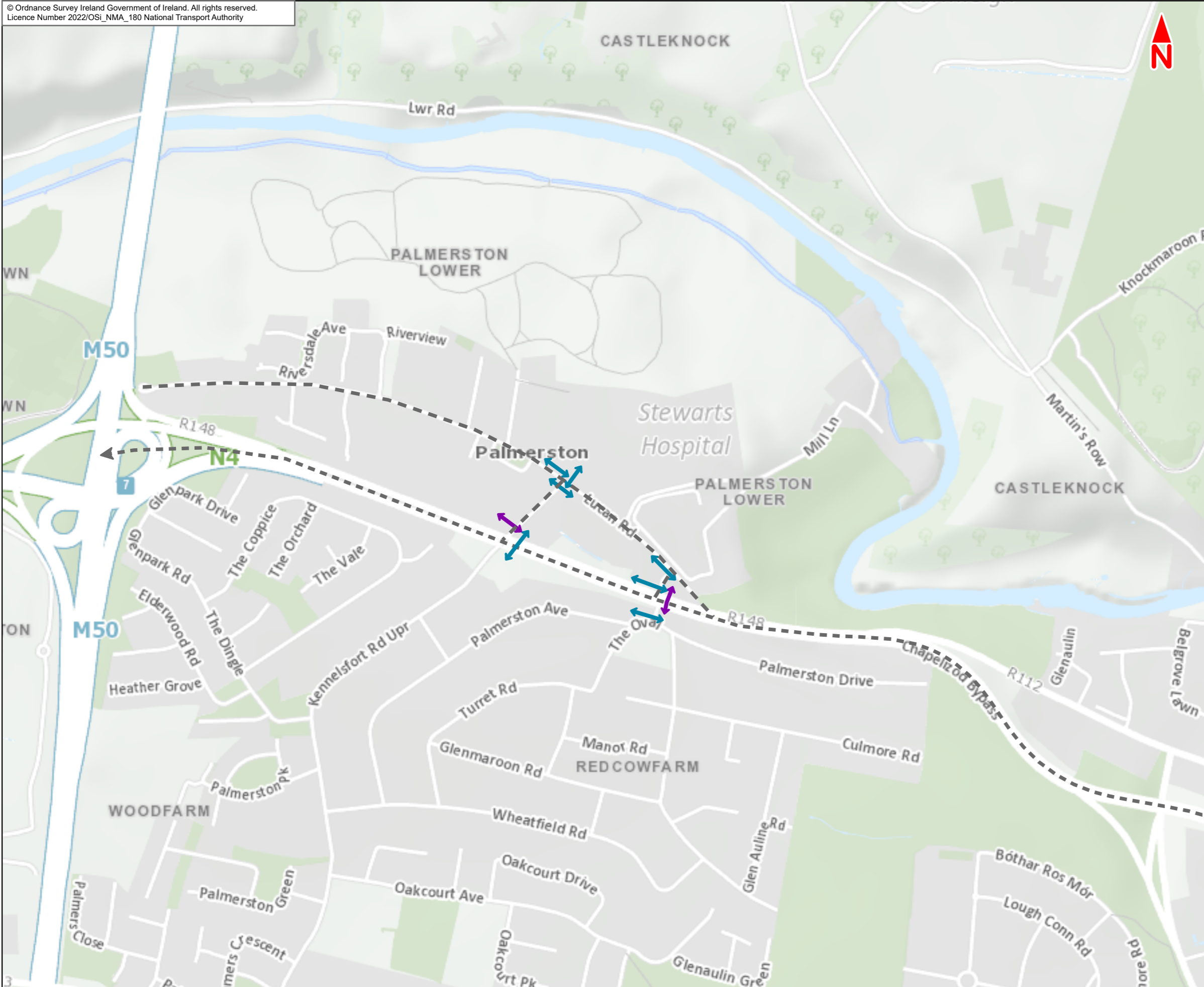
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 14/06/2022	Scale @ A3 1:5 000	Drawn LF	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.3a Baseline Pedestrian Facilities Lucan to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0202	Sheet Number 2 of 2	Status A	Rev M01	

6.3b

Baseline Pedestrian
Facilities



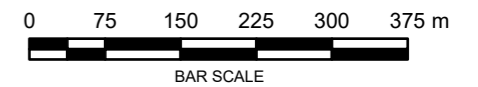


- Legend :**
- Section 2**
- ◀▶ M50 Junction 7 to Con Colbert Road
 - Indicative Existing Pedestrian Crossings**
 - ↔ Signalised Crossing
 - ↔ Uncontrolled Crossing

Note 1: Facilities contained within the Lucan 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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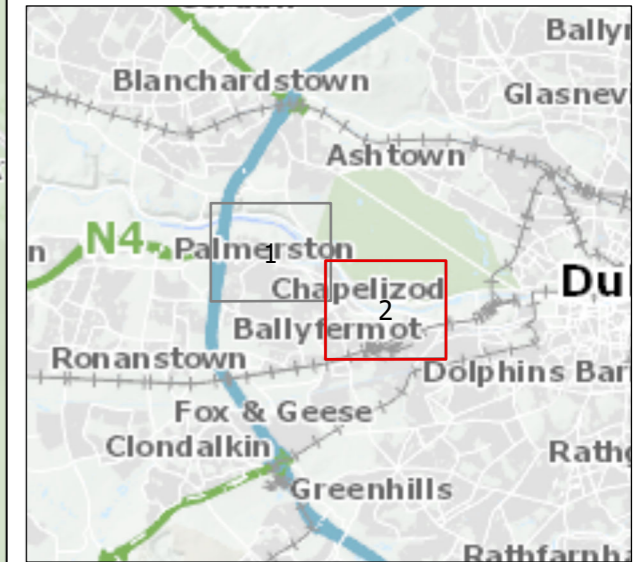
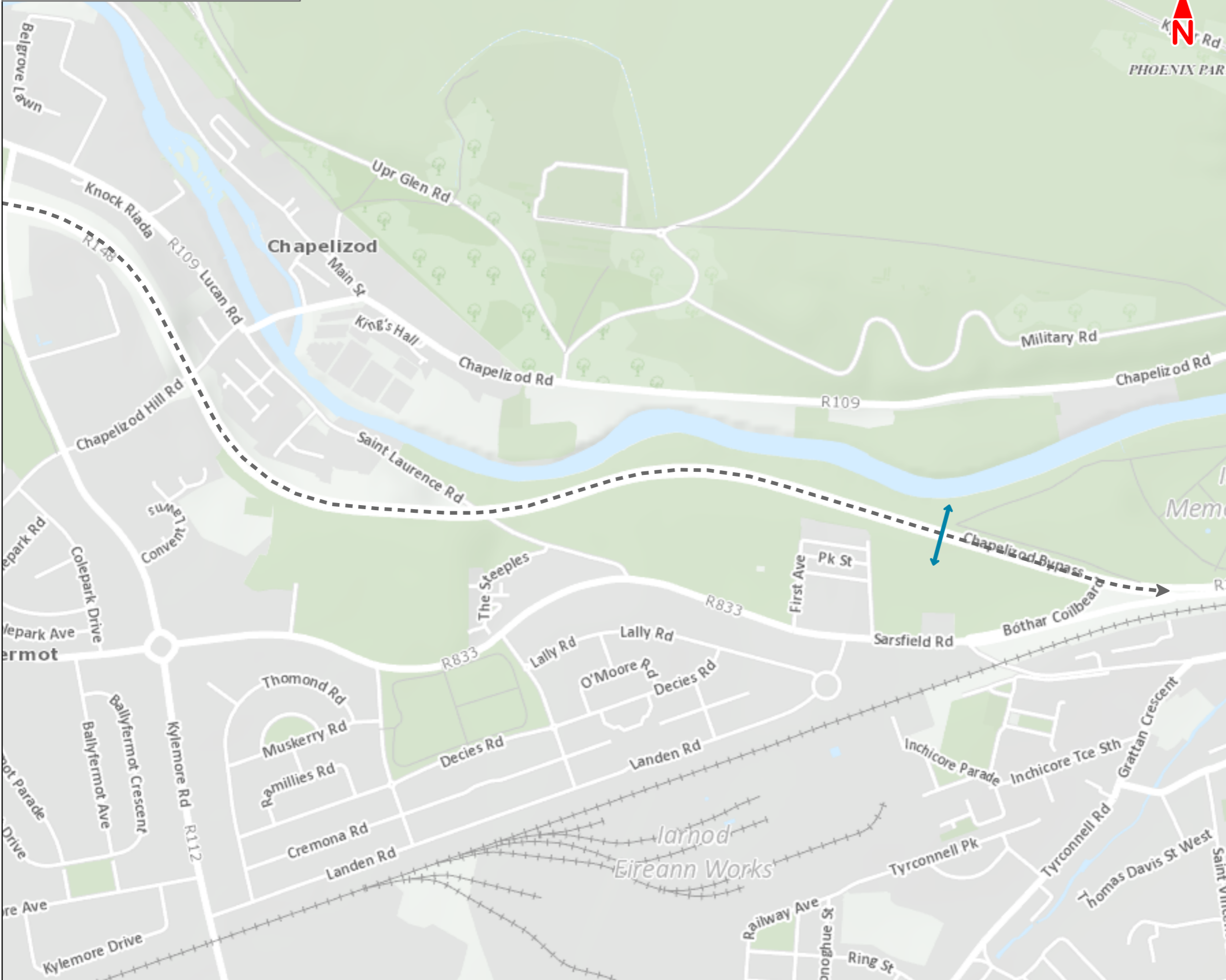
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Date	14/06/2022	Scale @ A3	1:7 500	Drawn	LF	Checked	BF	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					

Programme Title					BUSCONNECTS DUBLIN				
Drawing Title					CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
					Lucan to City Centre Core Bus Corridor Scheme				
					Figure 6.3b				
					Baseline Pedestrian Facilities				
					Lucan to City Centre				
Drawing File Name	BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0203	Sheet Number	1 of 2	Status	A	Rev	M01		



Legend :

Section 2

◄ M50 Junction 7 to Con Colbert Road

Indicative Existing Pedestrian Crossings

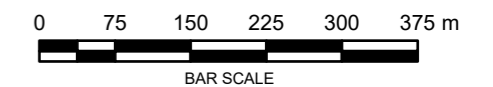
↔ Signalised Crossing

↔ Uncontrolled Crossing

Note 1: Facilities contained within the Lucan 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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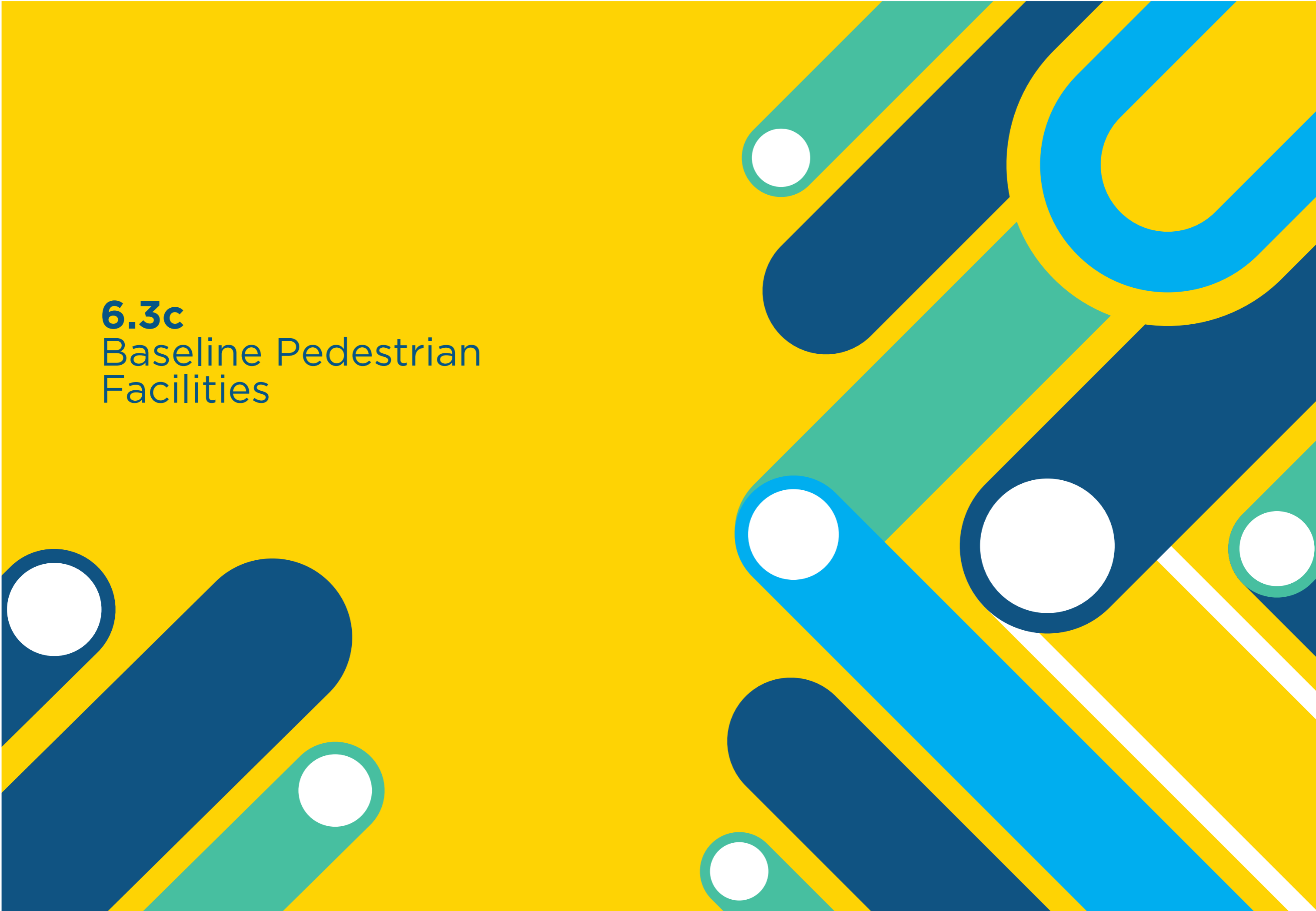


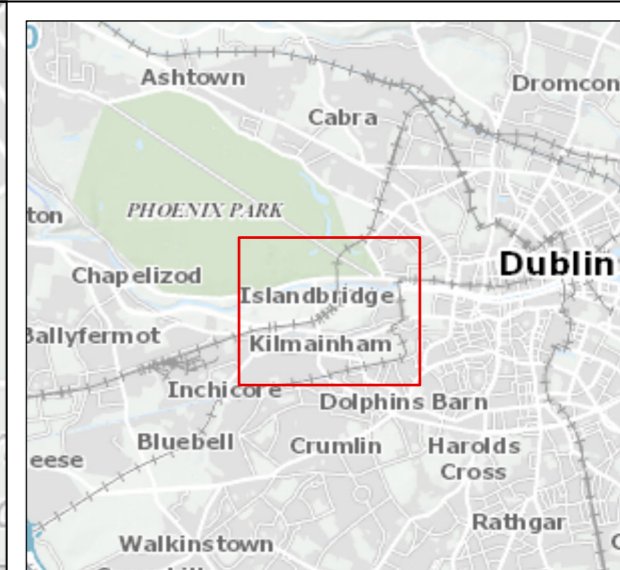
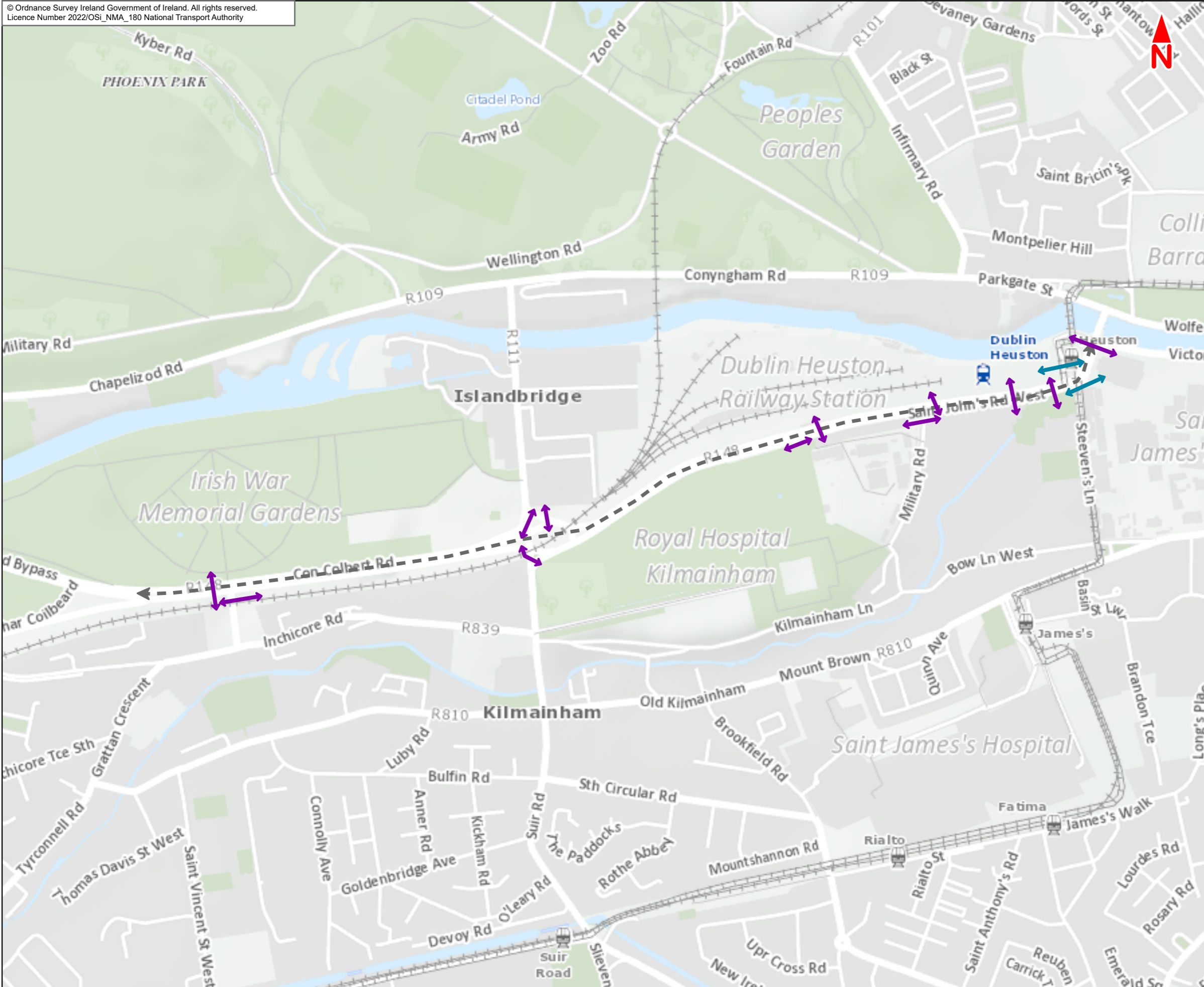
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Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 14/06/2022	Scale @ A3 1:7 500	Drawn LF	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.3b Baseline Pedestrian Facilities Lucan to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0204	Sheet Number 2 of 2	Status A	Rev M01	

6.3c
Baseline Pedestrian
Facilities



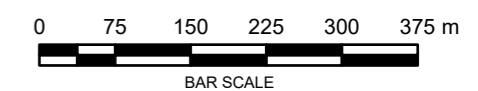


- Legend :**
- Section 3**
- Con Colbert Road to Frank Sherwin Bridge
- Indicative Existing Pedestrian Crossings**
- Signalised Crossing
 - Uncontrolled Crossing

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

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

Consultant: **JACOBS ARUP SYSTRA**

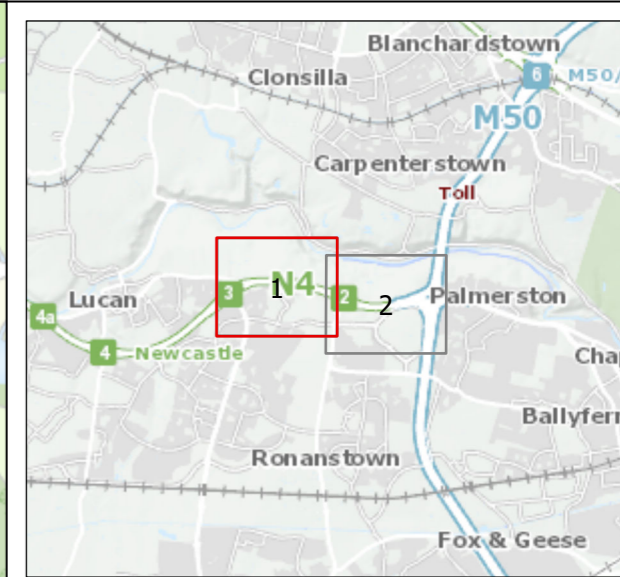
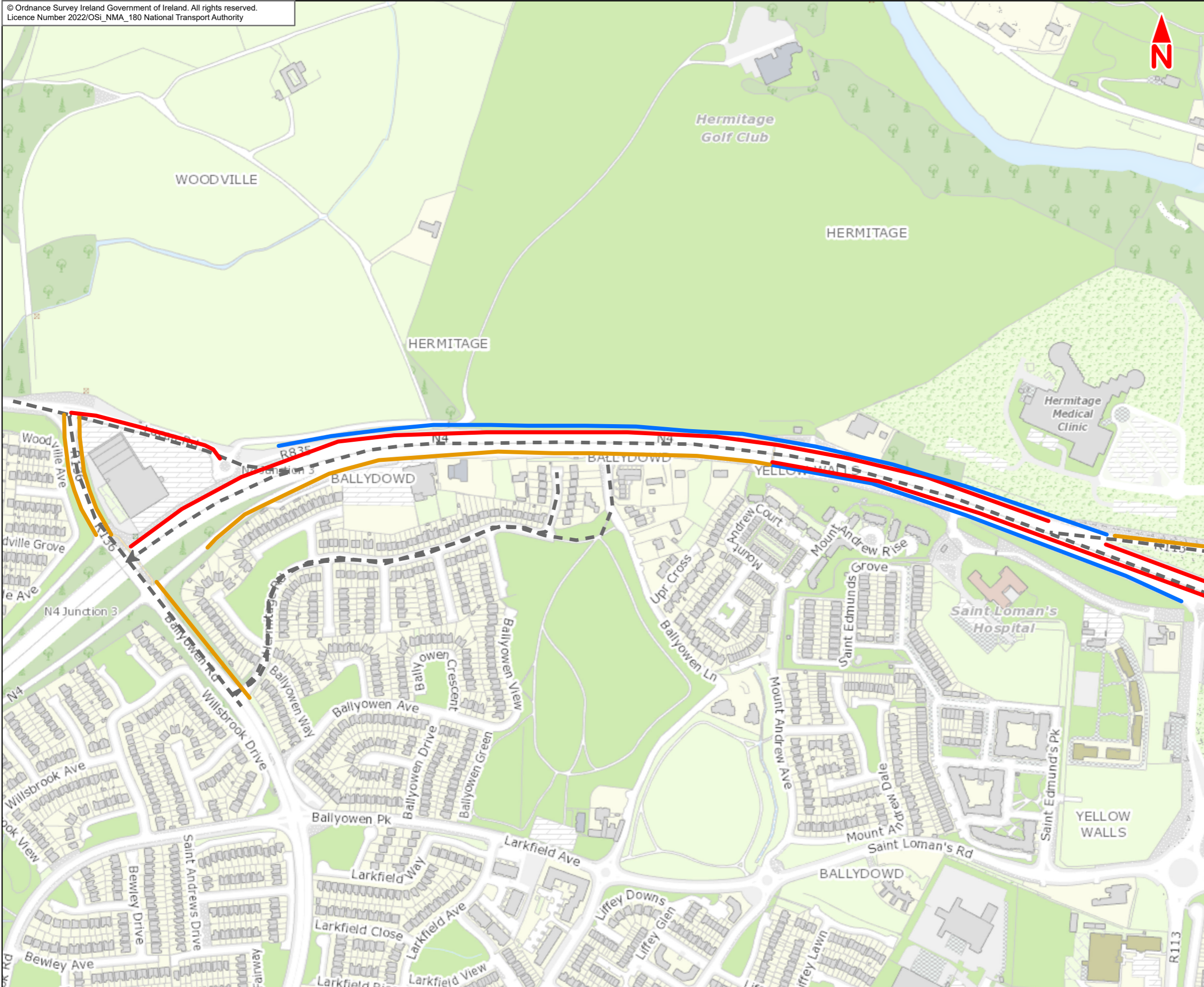
Date: 14/06/2022 | Scale @ A3: 1:7 500
Project Code: BCIDE | Originator Code: JAC

Drawn: LF | Checked: BF | Approved: DK
QMS Code: []

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Lucan to City Centre Core Bus Corridor Scheme Figure 6.3c Baseline Pedestrian Facilities Lucan to City Centre			
Drawing File Name: BCIDE-JAC-TRA_ZZ-0006_XX_00-DR-GG-0205	Sheet Number: 1 of 1	Status: A	Rev: M01

6.4a
Baseline Cycle Facilities





Legend :

Section 1

◆ N4 Junction 3 to M50 Junction 7

Cycle Facilities

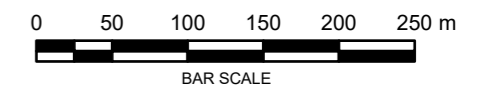
— Combined Bus and Cycle Lane

— Cycle Track

— Cycle Lane

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

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Client
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Date: 14/06/2022
Scale @ A3: 1:5 000

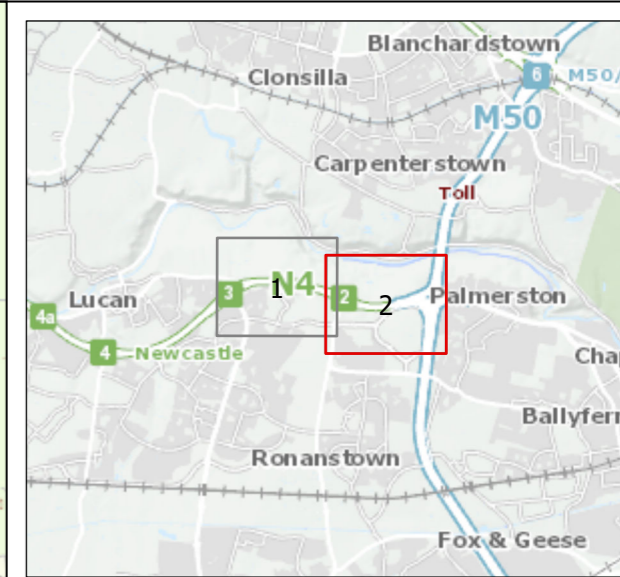
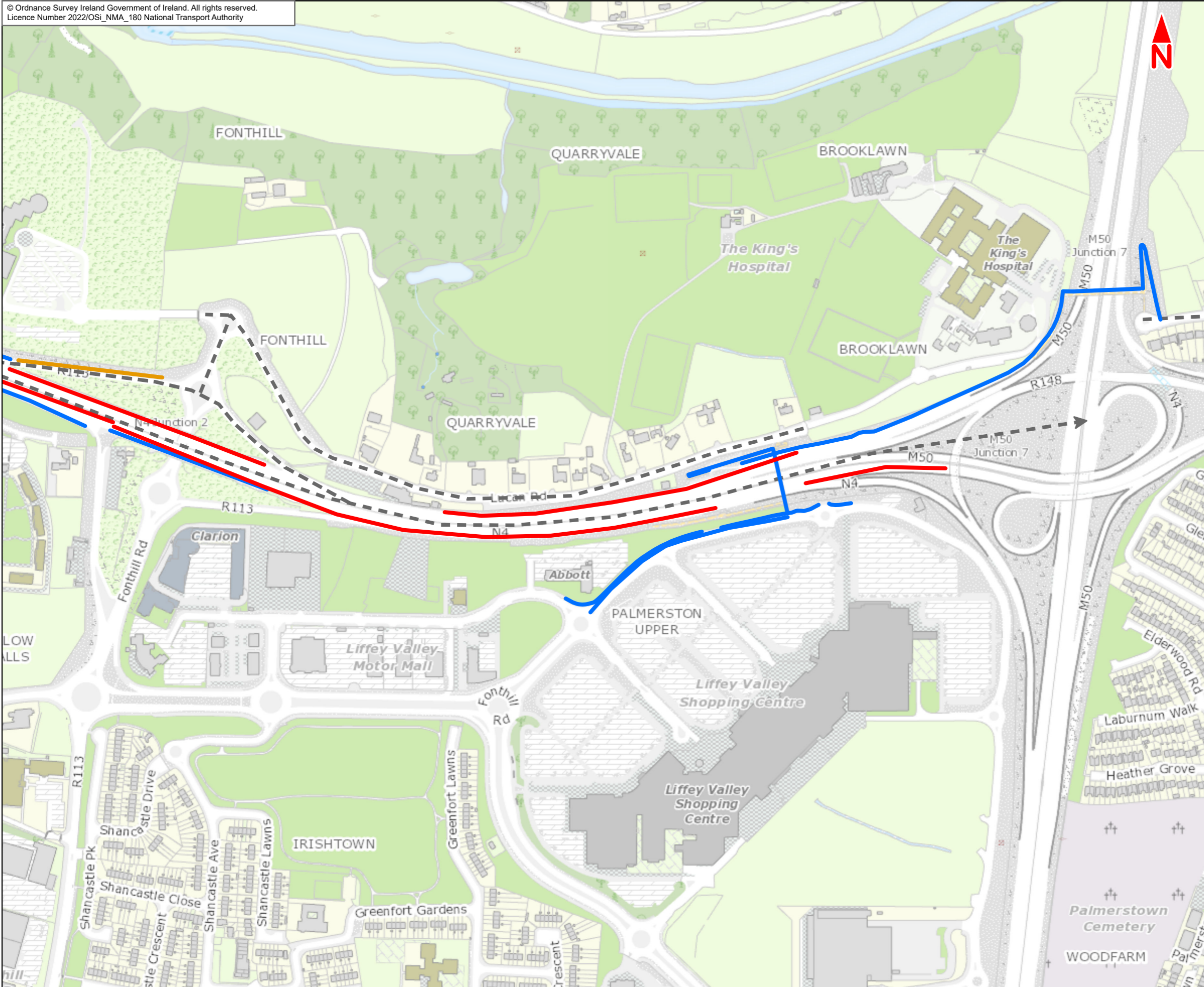
Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

Drawn: LF
Checked: BF
Approved: DK

QMS Code

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.4a Baseline Cycling Facilities Lucan to City Centre			
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0301	Sheet Number 1 of 2	Status A	Rev M01



Legend :

Section 1

◆ N4 Junction 3 to M50 Junction 7

Cycle Facilities

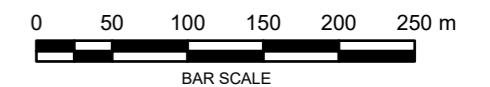
— Combined Bus and Cycle Lane

— Cycle Track

— Cycle Lane

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

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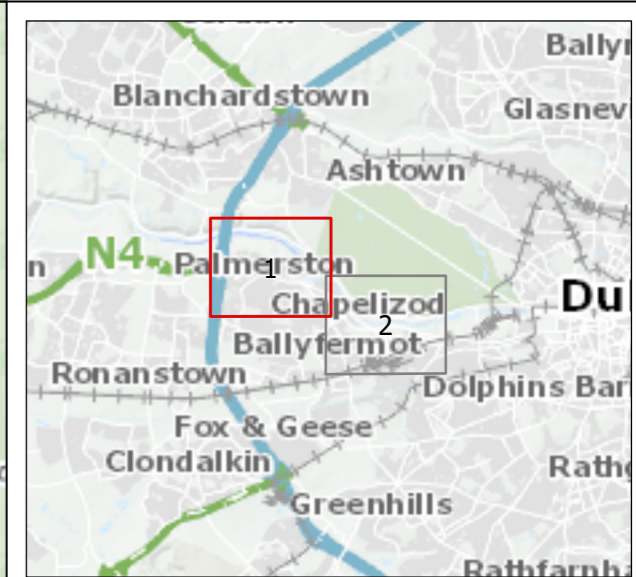
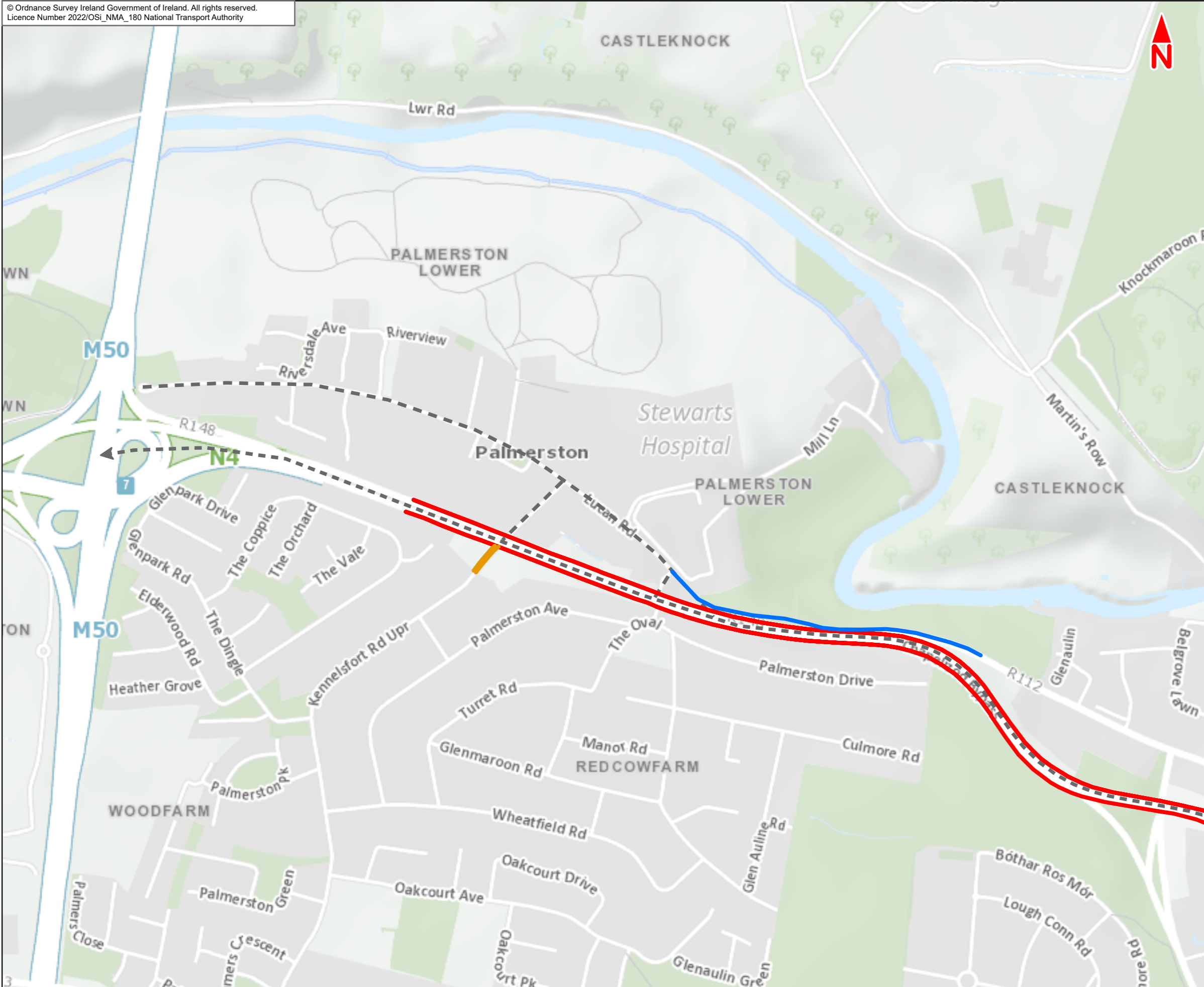
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Client		Consultant	
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Date	Scale @ A3	Drawn	Checked
14/06/2022	1:5 000	LF	BF
Project Code	Originator Code	QMS Code	
BCIDE	JAC		

Programme Title		
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		
Lucan to City Centre Core Bus Corridor Scheme Figure 6.4a Baseline Cycling Facilities Lucan to City Centre		
Drawing File Name	Sheet Number	Status
BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0302	2 of 2	A
Rev	M01	

6.4b
Baseline Cycle Facilities

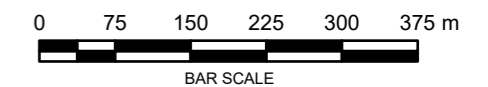




- Legend :**
- Section 2**
- M50 Junction 7 to Con Colbert Road
- Cycle Facilities**
- Combined Bus and Cycle Lane
 - Cycle Track
 - Cycle Lane

Note 1: Facilities contained within the Lucan 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: 14/06/2022

Scale @ A3: 1:7 500

Project Code: BCIDE

Originator Code: JAC

Drawn: LF

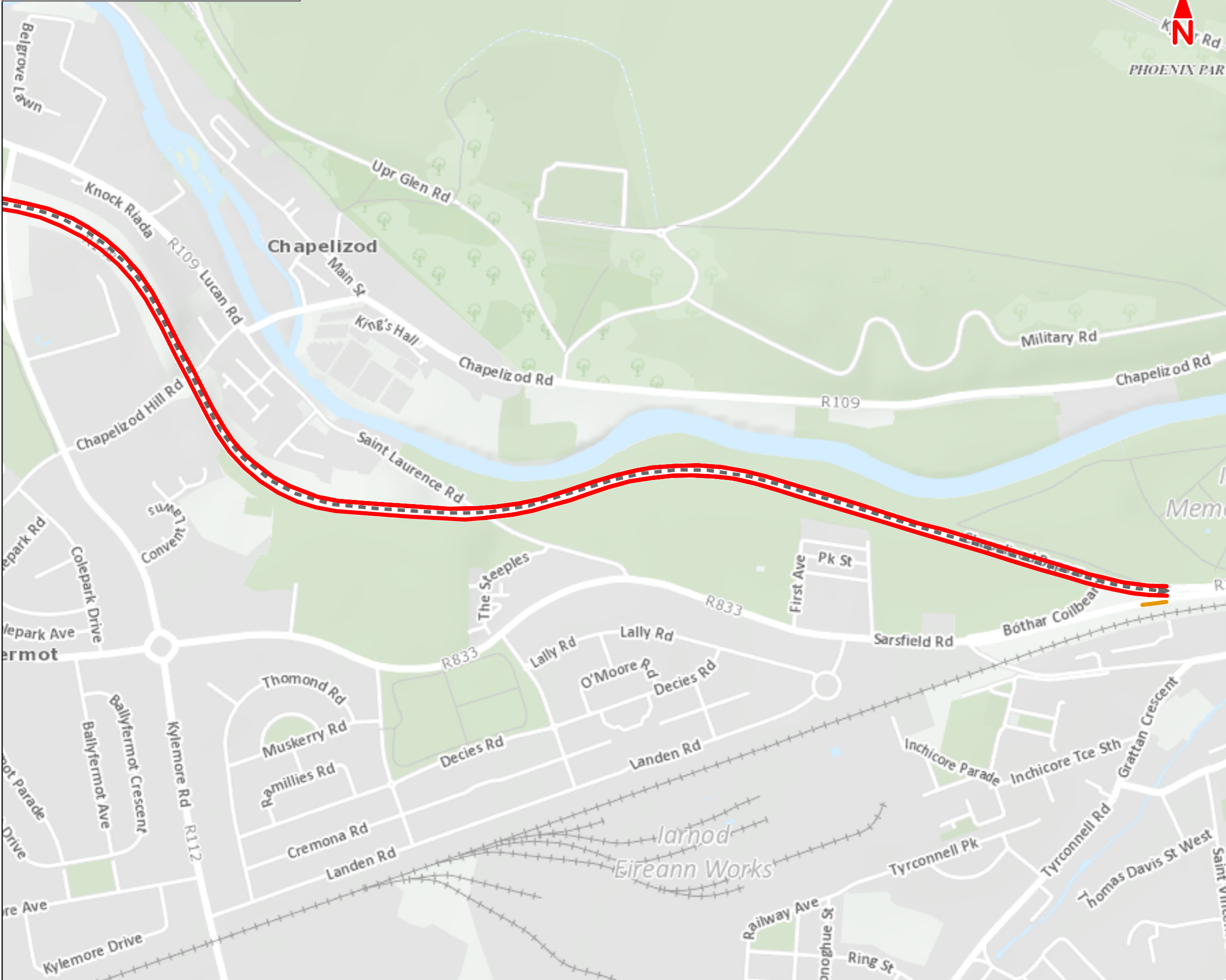
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QMS Code

Programme Title				BUSCONNECTS DUBLIN			
				CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title				Lucan to City Centre Core Bus Corridor Scheme			
				Figure 6.4b			
				Baseline Cycling Facilities			
				Lucan to City Centre			
Drawing File Name	Sheet Number	Status	Rev				
BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0303	1 of 2	A	M01				





- Legend :**
- Section 2**
 - M50 Junction 7 to Con Colbert Road
 - Cycle Facilities**
 - Combined Bus and Cycle Lane
 - Cycle Lane

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

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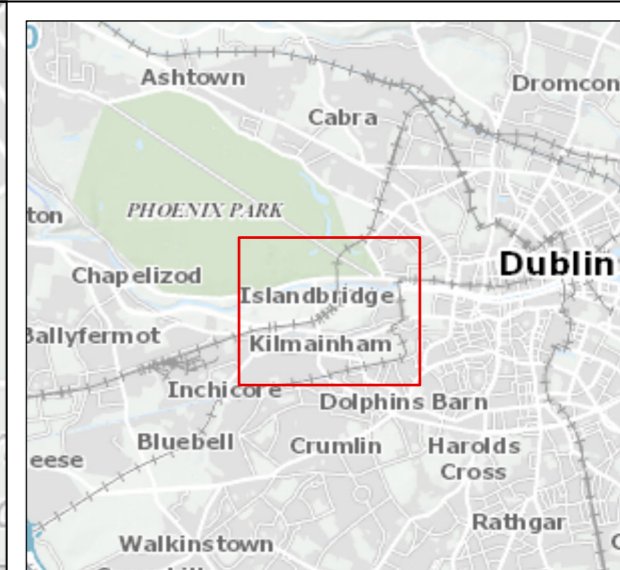
Rev	Date	Drn	Chk'd	App'd	Description
M01	Jun 2022	LF	BF	DK	ISSUE FOR PHASE 4 : PLANNING

Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 14/06/2022	Scale @ A3 1:7 500	Drawn LF	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.4b Baseline Cycling Facilities Lucan to City Centre				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0304	Sheet Number 2 of 2	Status A	Rev M01	

6.4c
Baseline Cycle Facilities





Legend :

Section 3

◀▶ Con Colbert Road to Frank Sherwin Bridge

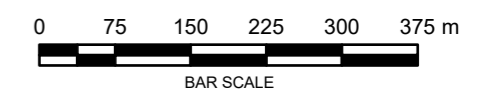
Cycle Facilities

— Combined Bus and Cycle Lane

— Cycle Lane

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

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

Consultant: **JACOBS ARUP SYSTRA**

Date: 14/06/2022
Scale @ A3: 1:7 500

Project Code: BCIDE
Originator Code: JAC

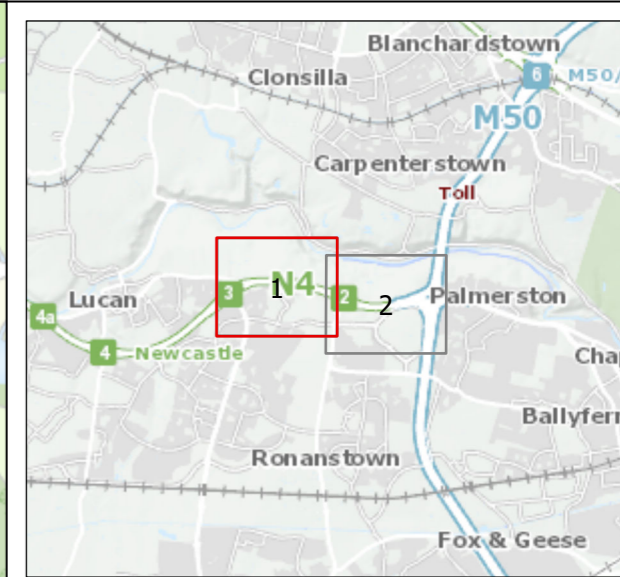
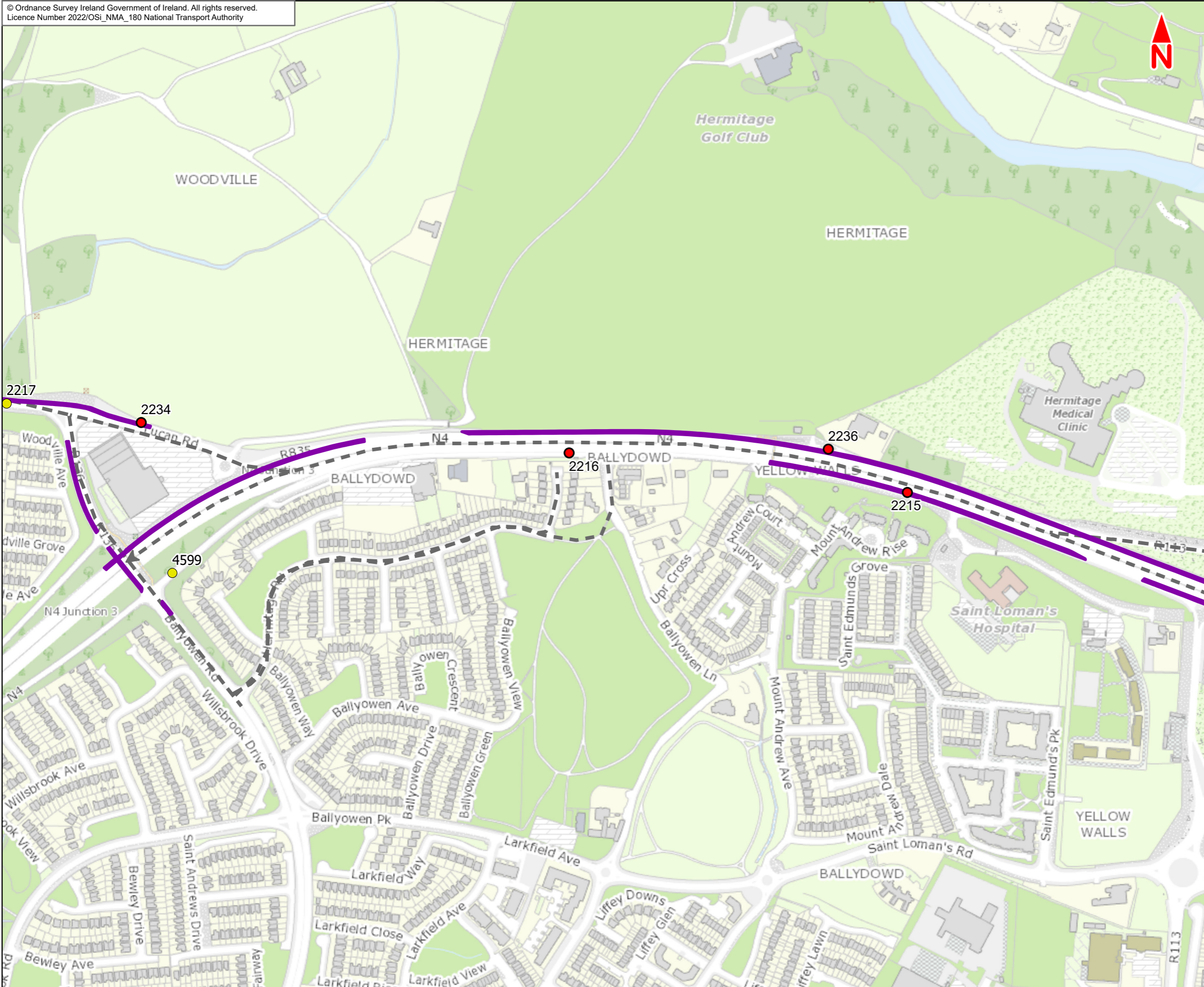
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Checked: BF
Approved: DK

QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Lucan to City Centre Core Bus Corridor Scheme Figure 6.4c Baseline Cycling Facilities Lucan to City Centre			
Drawing File Name: BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0305	Sheet Number: 1 of 1	Status: A	Rev: M01

6.5a
Baseline Bus Facilities





Legend :

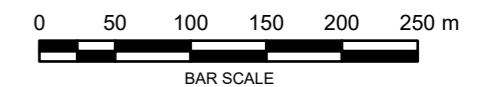
Section 1

N4 Junction 3 to M50 Junction 7

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

Date: 14/06/2022
Scale @ A3: 1:5 000

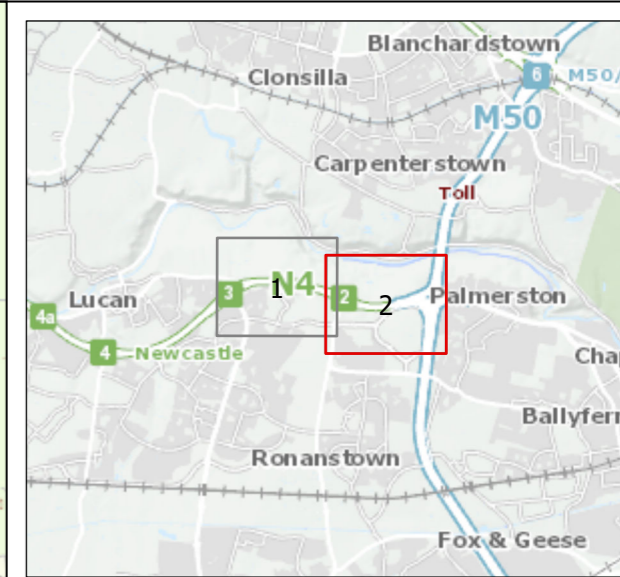
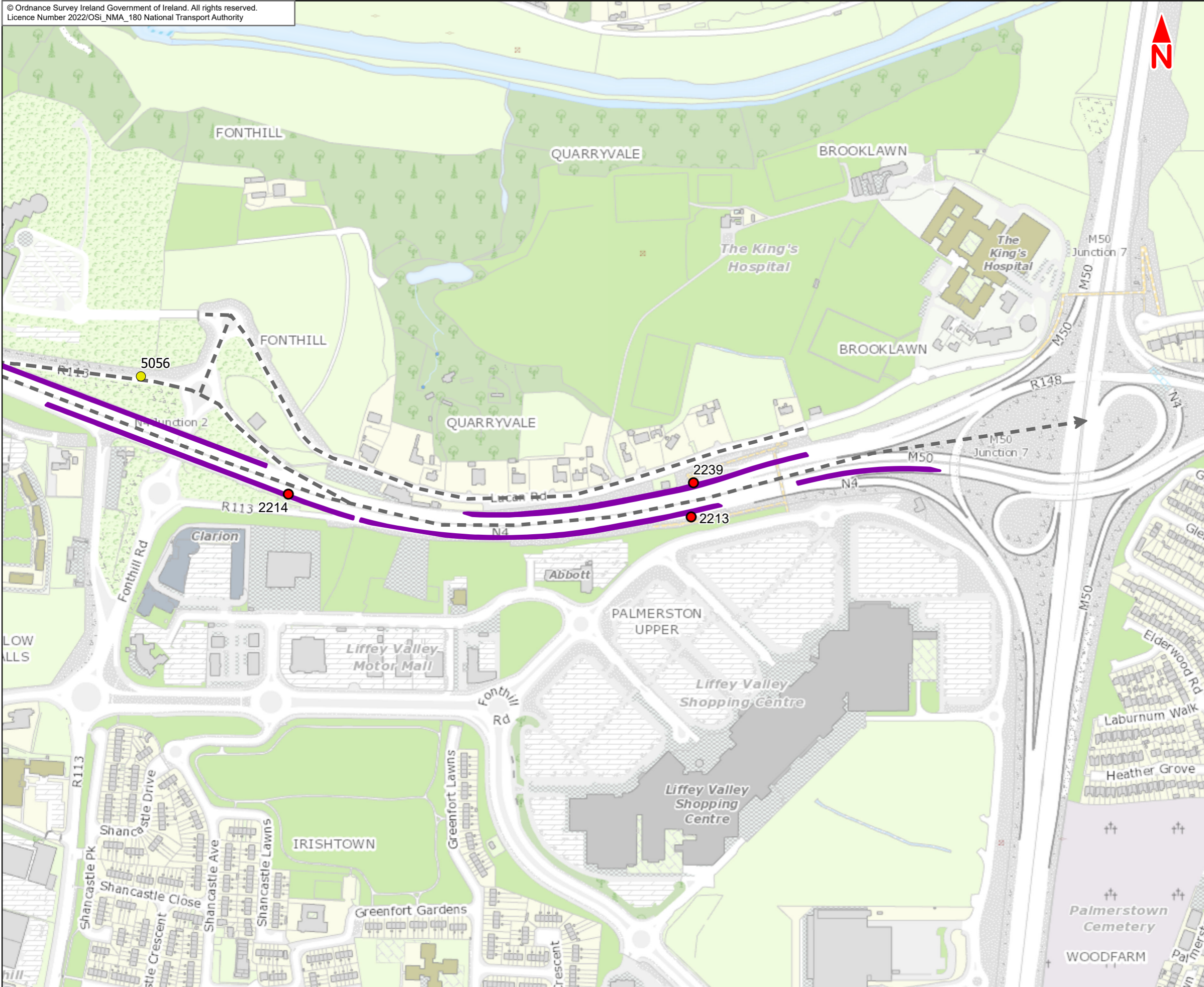
Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

Drawn: LF
Checked: BF
Approved: DK

QMS Code

Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	Lucan to City Centre Core Bus Corridor Scheme Figure 6.5a Baseline Bus Facilities Lucan to City Centre		
Drawing File Name	BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0401	Sheet Number	1 of 2
Status	A	Rev	M01



Legend :

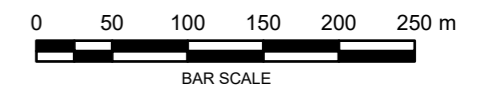
Section 1

◀ N4 Junction 3 to M50 Junction 7

Bus Facilities

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

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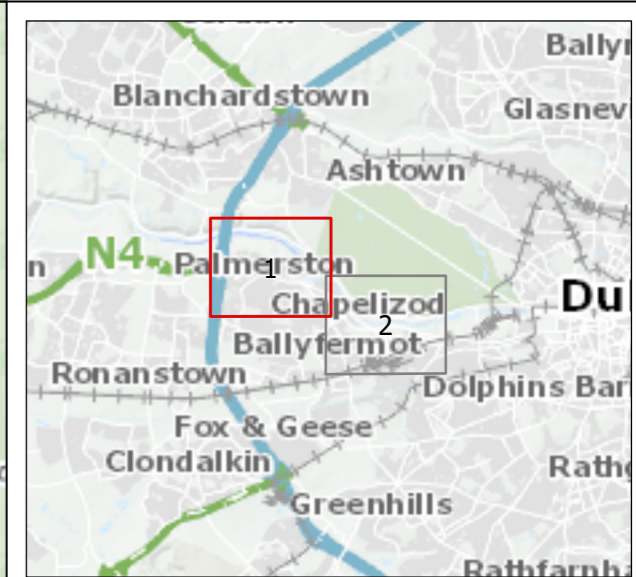
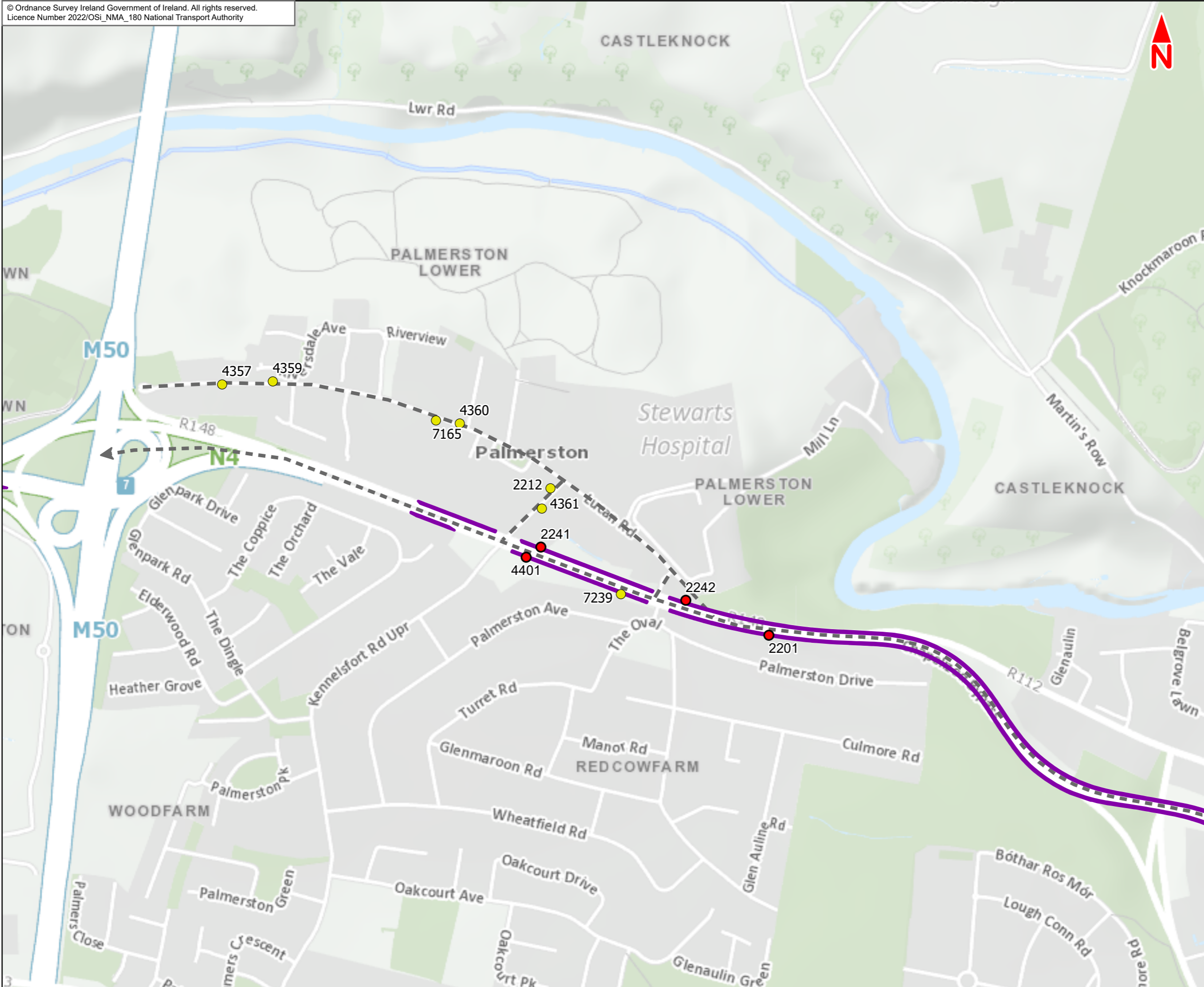
Client
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Consultant
JACOBS ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 6.5a Baseline Bus Facilities Lucan to City Centre				
Date 14/06/2022	Scale @ A3 1:5 000	Drawn LF	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0402
Sheet Number 2 of 2		Status A	Rev M01	

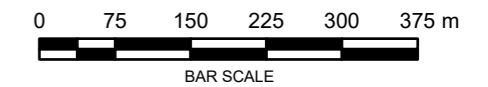
6.5b
Baseline Bus Facilities





- Legend :**
- Section 2**
- M50 Junction 7 to Con Colbert Road
- Bus Facilities**
- Existing Bus Stop with Shelter
 - Existing Bus Stop without Shelter
 - Existing Bus Lane

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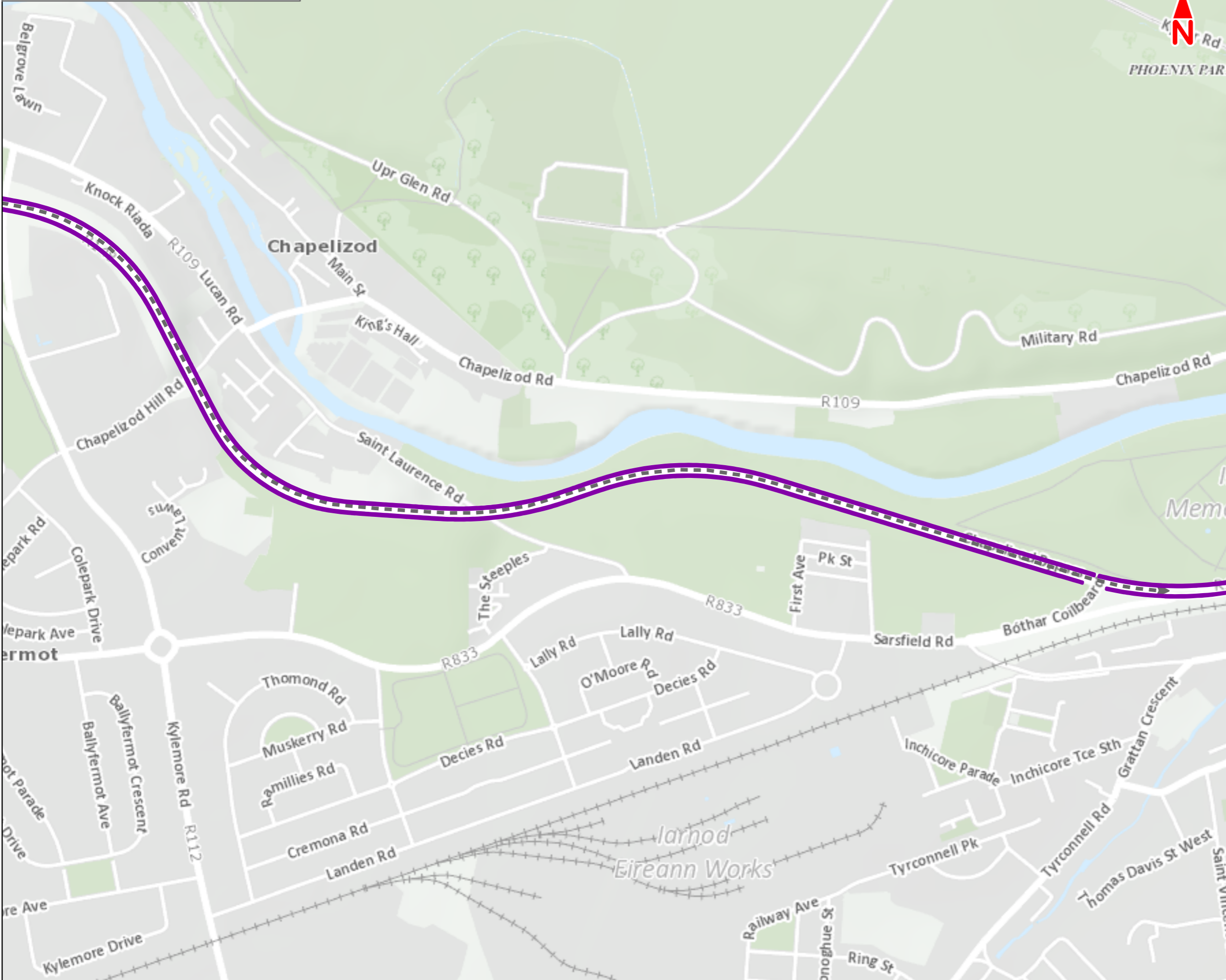
Rev	Date	Drn	Chk'd	App'd	Description
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Consultant

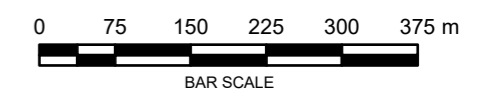
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Drawing Title					CORE BUS CORRIDORS INFRASTRUCTURE WORKS
Drawing File Name					Lucan to City Centre Core Bus Corridor Scheme
Sheet Number					Figure 6.5b
Status					Baseline Bus Facilities
Rev					Lucan to City Centre
Drawing File Name	BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0103	Sheet Number	1 of 2	Status	A
Rev	M01				

Date	14/06/2022	Scale @ A3	1:7 500	Drawn	LF	Checked	BF	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					



- Legend :**
- Section 2**
- M50 Junction 7 to Con Colbert Road
- Bus Facilities**
- Existing Bus Stop with Shelter
 - Existing Bus Stop without Shelter
 - Existing Bus Lane

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Scale @ A3: 1:7 500

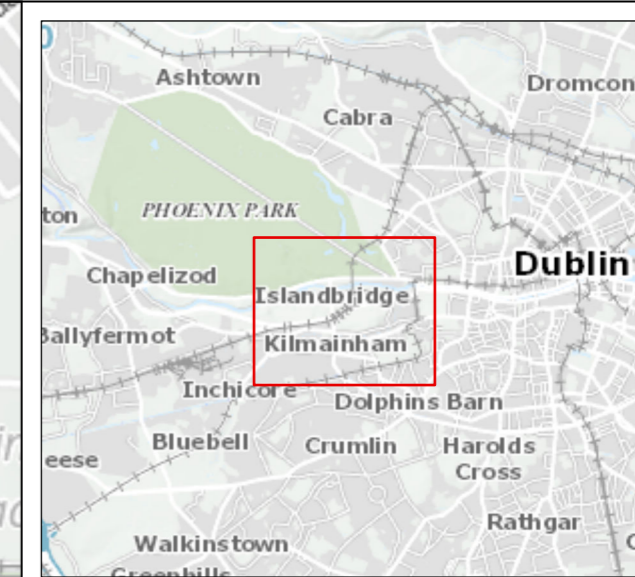
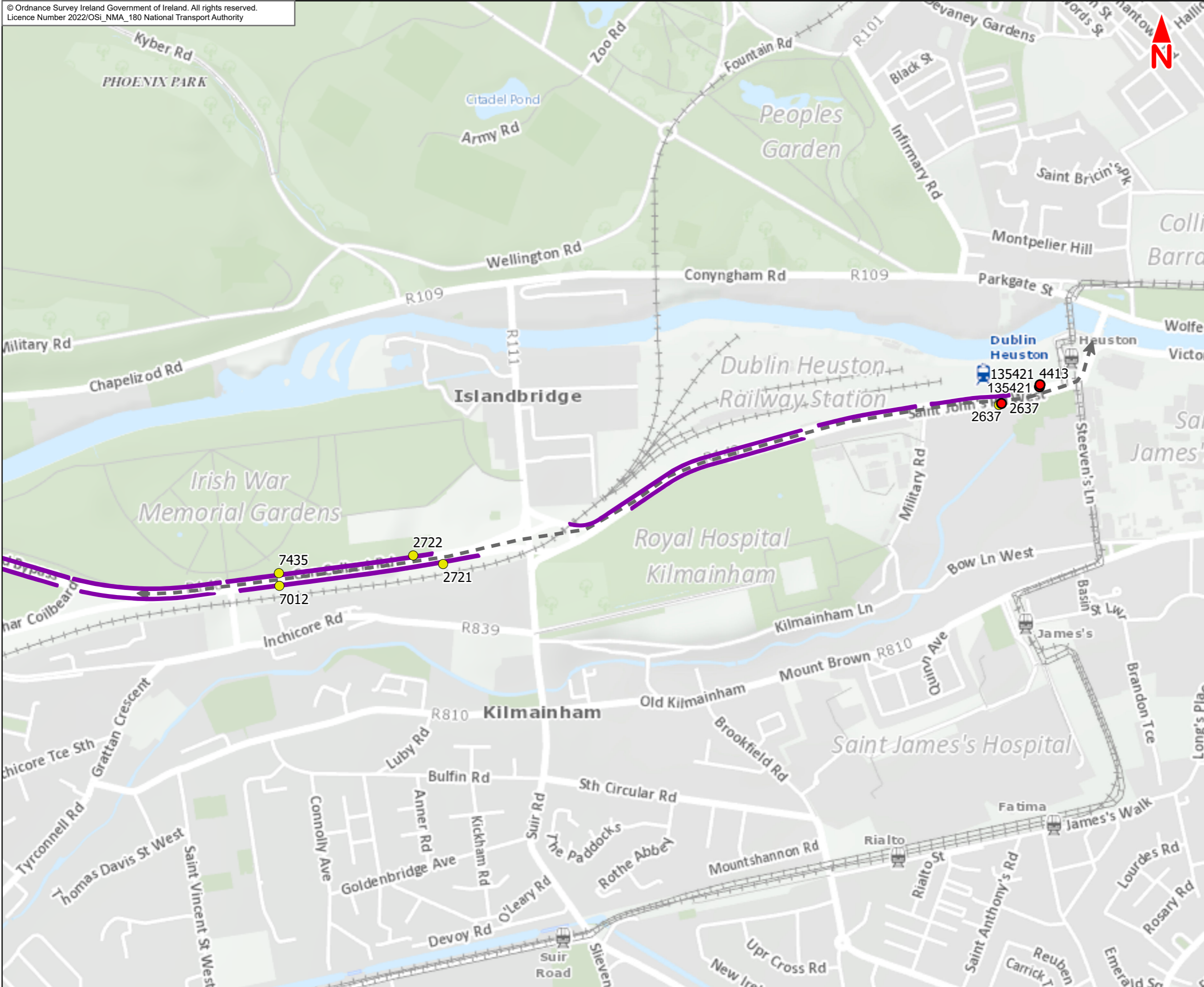
Consultant

Drawn: LF
Checked: BF
Approved: DK

Programme Title				BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				Lucan to City Centre Core Bus Corridor Scheme Figure 6.5b Baseline Bus Facilities Lucan to City Centre		
Drawing File Name	Sheet Number	Status	Rev			
BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0404	2 of 2	A	M01			

6.5c
Baseline Bus Facilities





- Legend :**
- Section 3**
- Con Colbert Road to Frank Sherwin Bridge
- Bus Facilities**
- Existing Bus Stops with Shelter
 - Existing Bus Stop without Shelter
 - Existing Bus Lane

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Udarás Náisiúnta Iompair
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 14/06/2022 Scale @ A3: 1:7 500

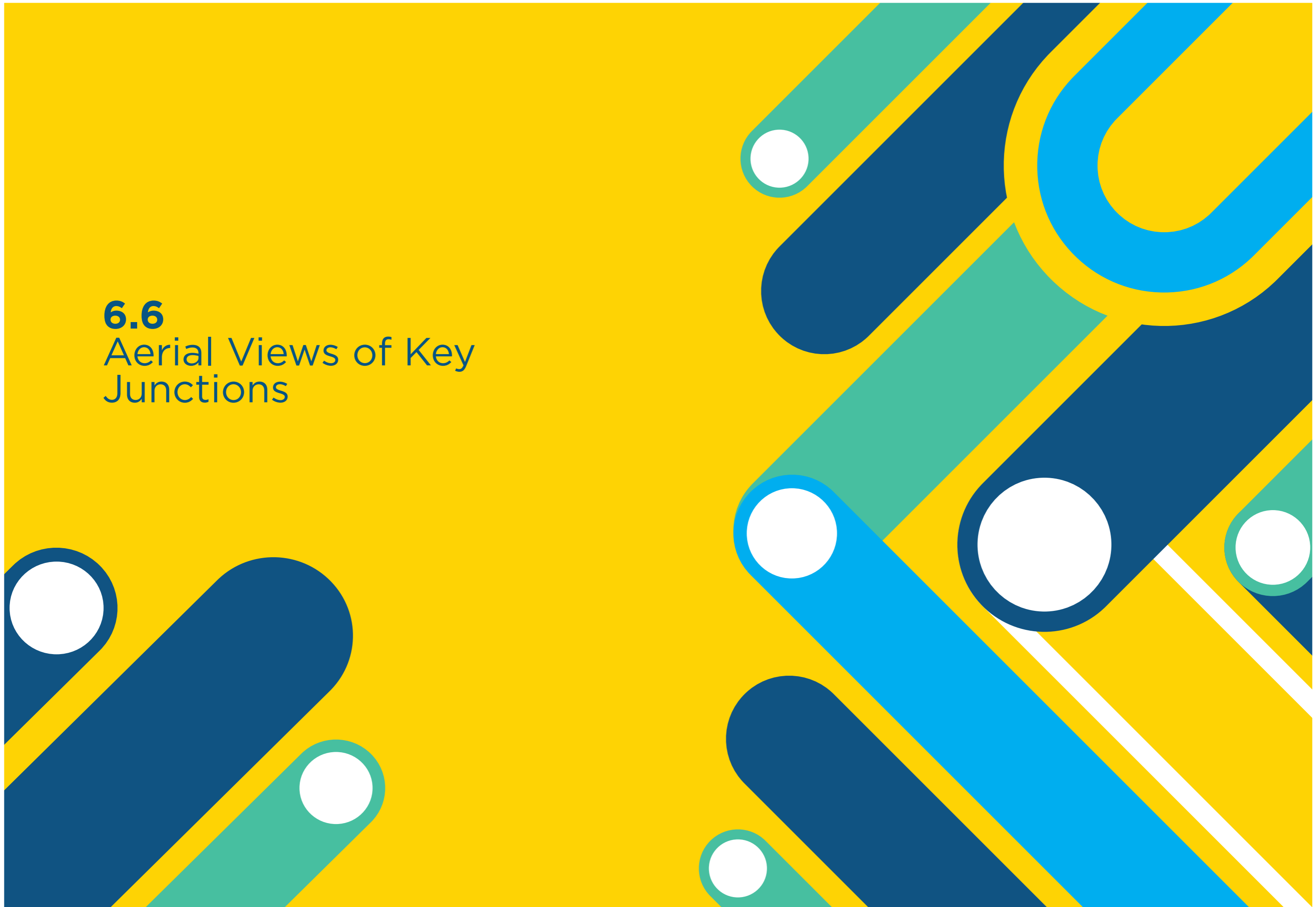
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Drawn: LF Checked: BF Approved: DK

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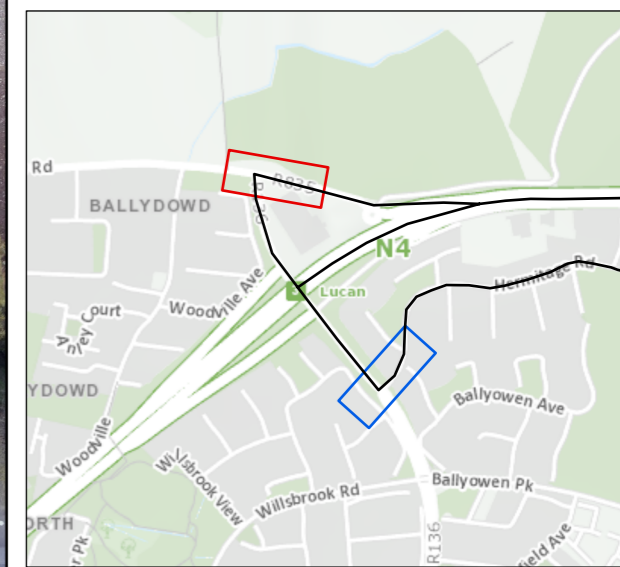
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Drawing Title: Lucan to City Centre Core Bus Corridor Scheme Figure 6.5c Baseline Bus Facilities Lucan to City Centre			
Drawing File Name: BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0405	Sheet Number: 1 of 1	Status: A	Rev: M01

6.6
Aerial Views of Key
Junctions





A) R136 BALLYOWEN ROAD/R835 LUCAN ROAD SIGNALISED JUNCTION



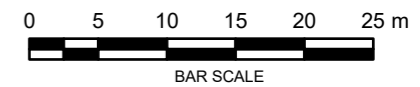
Legend

- Lucan to City Centre Core Bus Corridor Scheme
- A) R136 Ballyowen Road/R835 Lucan Road signalised junction
- B) R136 Ballyowen Road / Hermitage Road Junction



B) R136 BALLYOWEN ROAD / HERMITAGE ROAD JUNCTION

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Client NTA Udarás Náisiúnta Iompair National Transport Authority	
Date 17/06/2022	Scale @ A3 1:550
Project Code BCIDE	Originator Code JAC

Consultant JACOBS ARUP SYSTRA		
Drawn KJ	Checked BF	Approved DK
QMS Code		

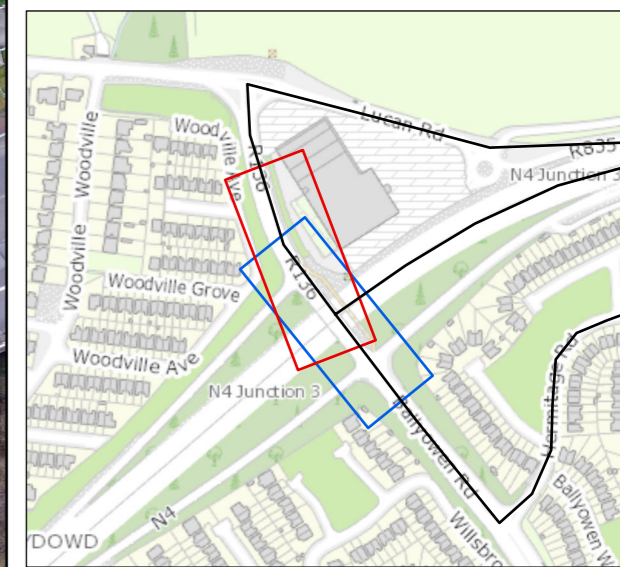
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Figure 6.6 Aerial Views of Key Junctions		Sheet Number 1 of 13	
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0501	Status A	Rev M01	



A) N4 EB OFF-SLIP / BALLYOWEN ROAD



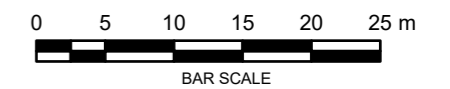
B) N4 EB ON-SLIP / WB OFF-SLIP / BALLYOWEN ROAD



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- ▭ A) N4 EB off-slip / Ballyowen Road
- ▭ B) N4 EB on-slip / WB off-slip / Ballyowen Road

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Date 17/06/2022	Scale @ A3 1:550	Drawn KJ	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

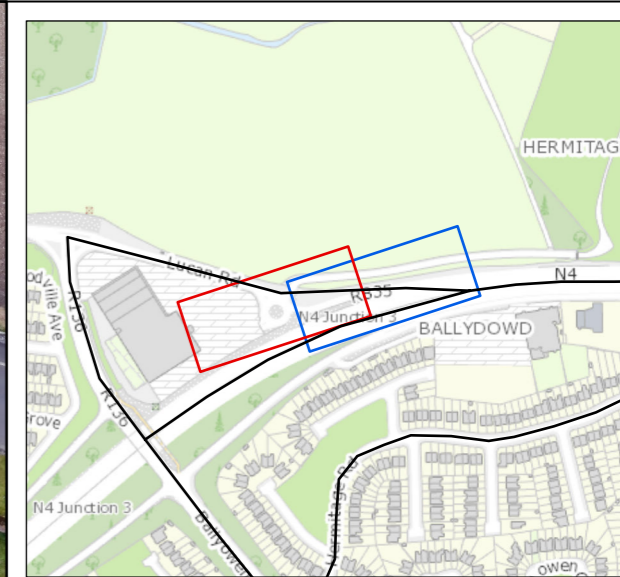
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0502	Sheet Number 2 of 13	Status A	Rev M01	



A) LUCAN ROAD / WOODIES / HERMITAGE GOLF CLUB ROUNDABOUT



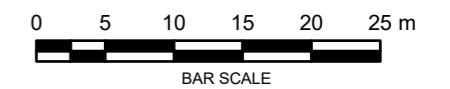
B) R835 LUCAN ROAD/N4 LUCAN ROAD ROUNDABOUT JUNCTION



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- ▭ A) Lucan Road / Woodies / Hermitage Golf Club roundabout
- ▭ B) R835 Lucan Road/N4 Lucan Road roundabout junction

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Date 17/06/2022	Scale @ A3 1:550	Drawn KJ	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

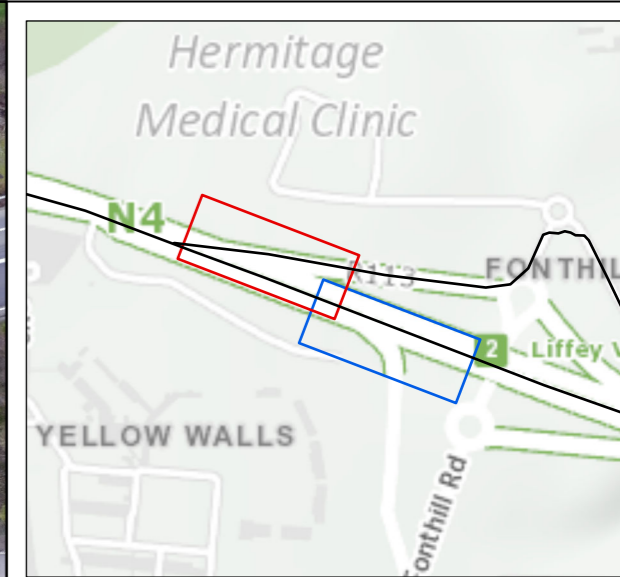
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0503	Sheet Number 3 of 13	Status A	Rev M01	



A) N4 LUCAN ROAD AND LIFFEY VALLEY JUNCTION



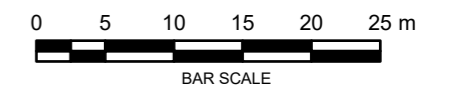
B) N4 LUCAN ROAD AND LIFFEY VALLEY JUNCTION



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- A) N4 Lucan Road and Liffey Valley junction
- B) N4 Lucan Road and Liffey Valley junction

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Date 17/06/2022	Scale @ A3 1:550	Drawn KJ	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

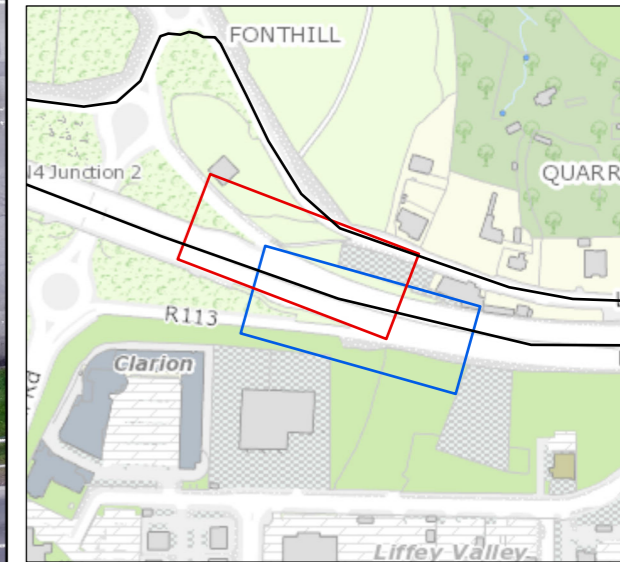
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0504	Sheet Number 4 of 13	Status A	Rev M01	



A) N4 LUCAN ROAD AND LIFFEY VALLEY JUNCTION



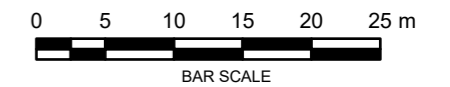
B) N4 LUCAN ROAD AND LIFFEY VALLEY JUNCTION



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- ▭ A) N4 Lucan Road and Liffey Valley junction
- ▭ B) N4 Lucan Road and Liffey Valley junction

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Project Code BCIDE	Originator Code JAC

Consultant JACOBS ARUP SYSTRA		
Drawn KJ	Checked BF	Approved DK
QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Figure 6.6 Aerial Views of Key Junctions			
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0505	Sheet Number 5 of 13	Status A	Rev M01



A) N4 LUCAN ROAD/M50 JUNCTION 7

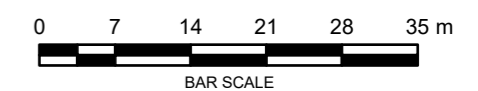


B) N4 LUCAN ROAD/M50 JUNCTION 7



- Legend**
- Lucan to City Centre Core Bus Corridor Scheme
 - A) N4 Lucan Road/M50 Junction 7
 - B) N4 Lucan Road/M50 Junction 7

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Client
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Date: 17/06/2022
Scale @ A3: 1:700
Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

Drawn: KJ
Checked: BF
Approved: DK

QMS Code

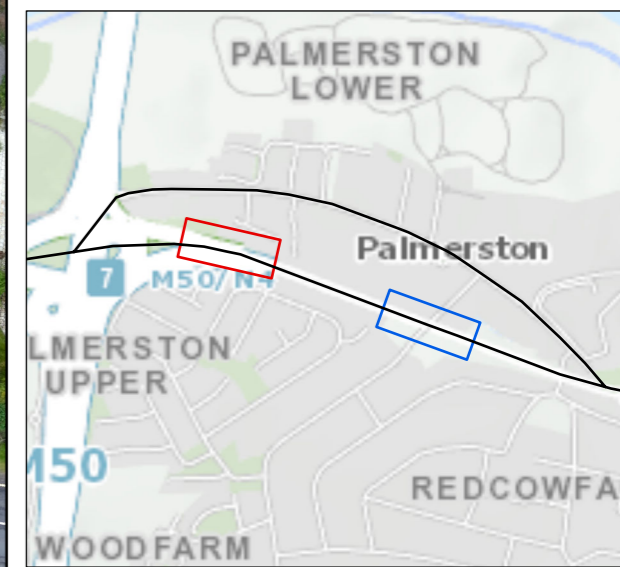
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Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0506	Sheet Number 6 of 13	Status A	Rev M01	






A) M50 JUNCTION 7/R148 PALMERSTOWN BYPASS JUNCTION



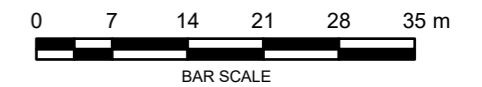
B) R148 CHAPELIZOD BYPASS/KENNELSFORT ROAD JUNCTION



Legend

-  Lucan to City Centre Core Bus Corridor Scheme
-  A) M50 Junction 7/R148 Palmerstown Bypass junction
-  B) R148 Chapelizod Bypass/Kennelsfort Road junction

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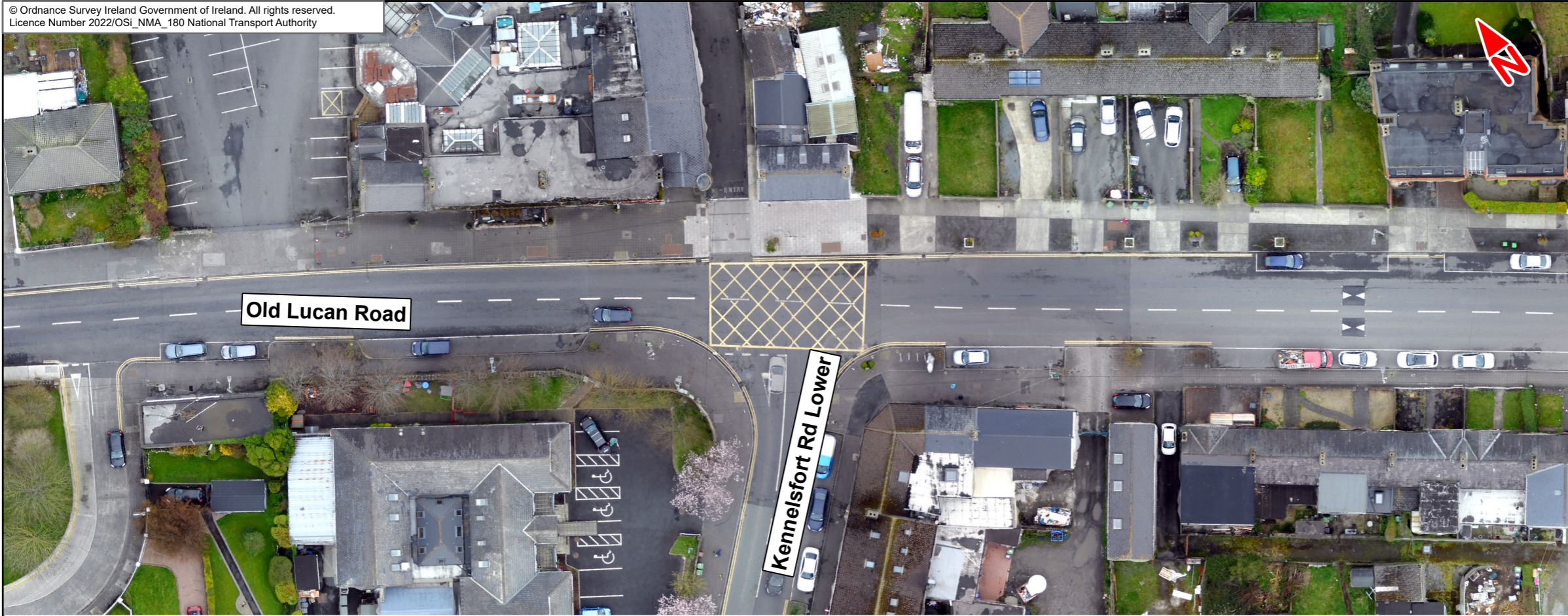
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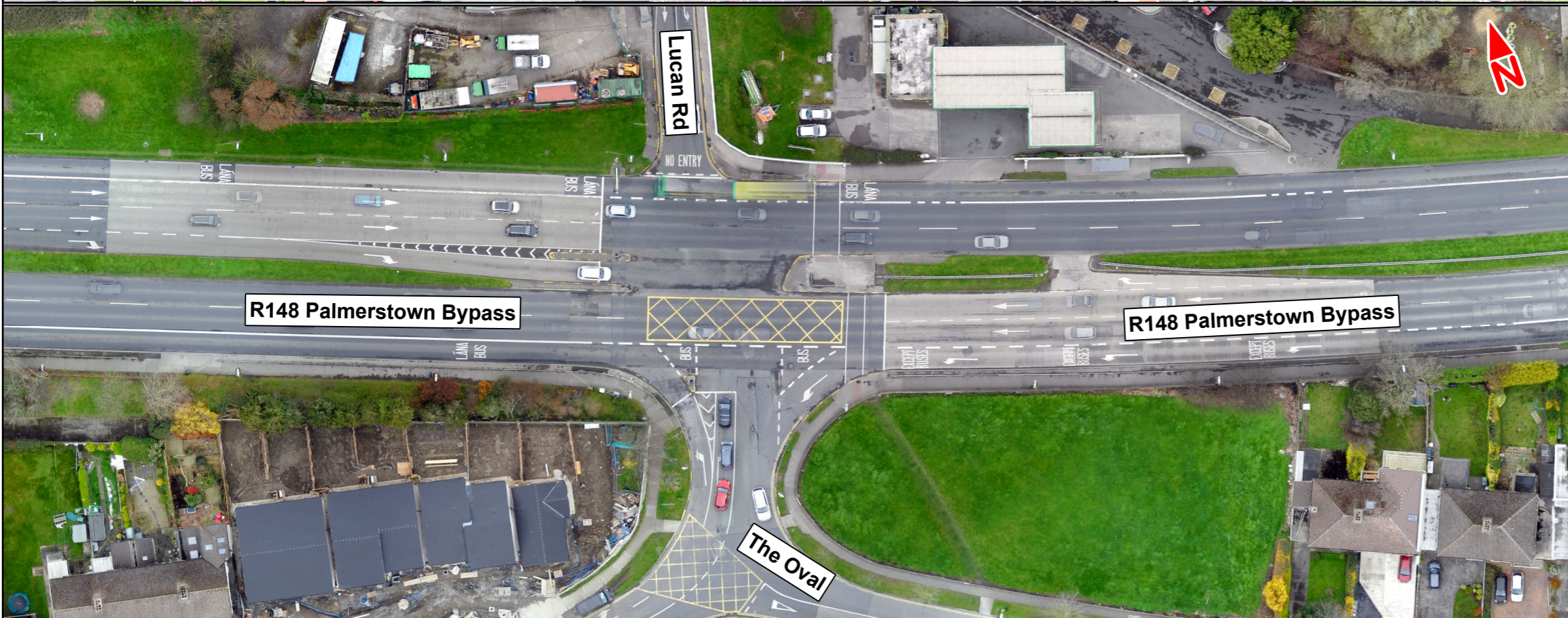
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Project Code BCIDE	Originator Code JAC	QMS Code		

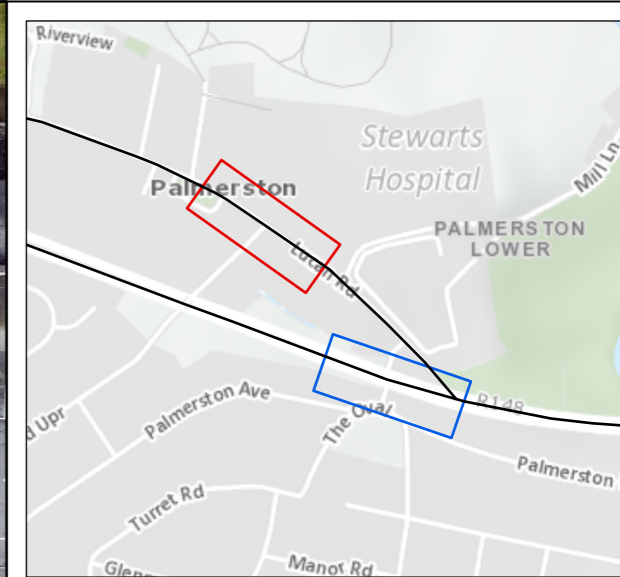
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Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0507	Sheet Number 7 of 13	Status A	Rev M01	



A) KENNELSFORT ROAD LOWER / OLD LUCAN ROAD PRIORITY JUNCTION



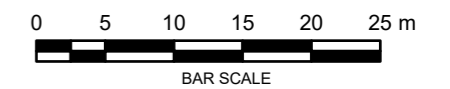
B) R148 PALMERSTOWN BYPASS / THE OVAL JUNCTION



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- ▭ A) Kennelsfort Road Lower / Old Lucan Road priority junction
- ▭ B) R148 Palmerstown Bypass / The Oval junction

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Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0508	Sheet Number 8 of 13	Status A	Rev M01	



A) R148 CHAPELIZOD BYPASS/R112 LUCAN ROAD JUNCTION



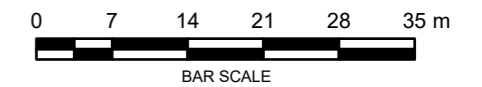
B) R148 CHAPELIZOD BYPASS/R112 KYLEMORE ROAD (BALLYFERMOT) JUNCTION



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- ▭ A) R148 Chapelizod Bypass/R112 Lucan Road junction
- ▭ B) R148 Chapelizod Bypass/R112 Kylemore Road (Ballyfermot) junction

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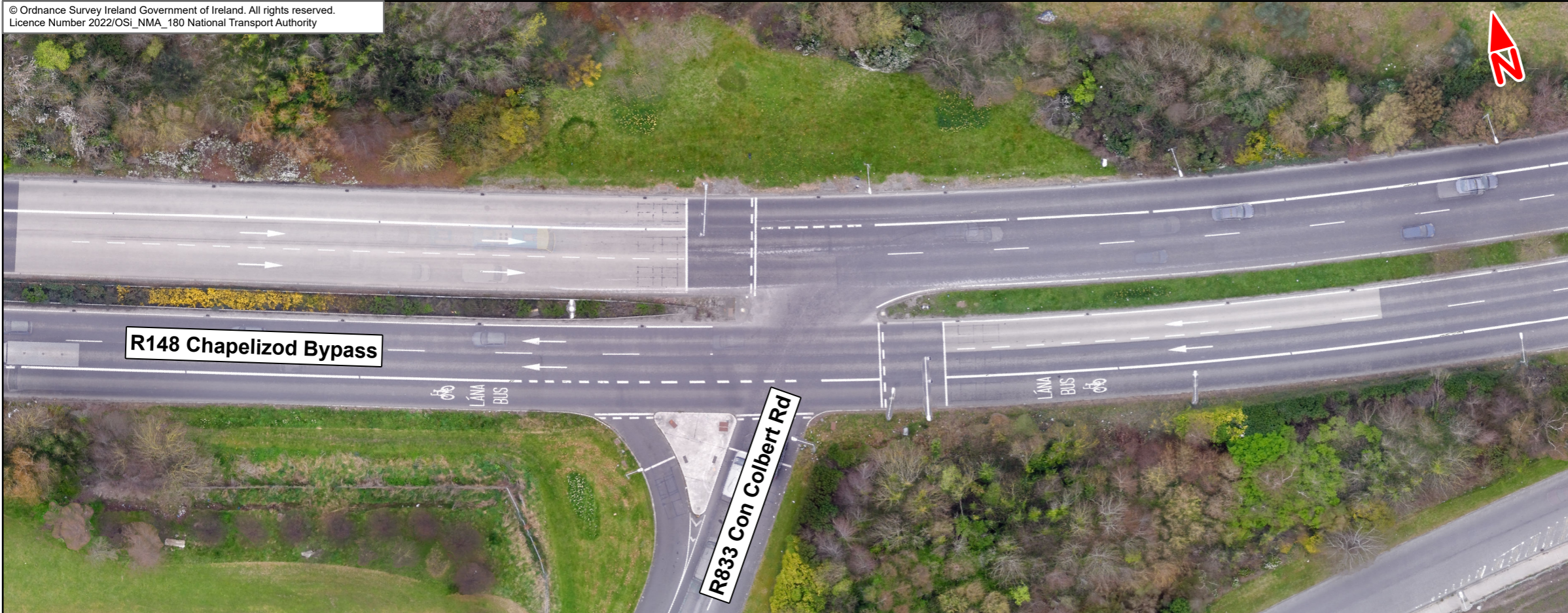


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Consultant JACOBS ARUP SYSTRA		
Drawn KJ	Checked BF	Approved DK
QMS Code		

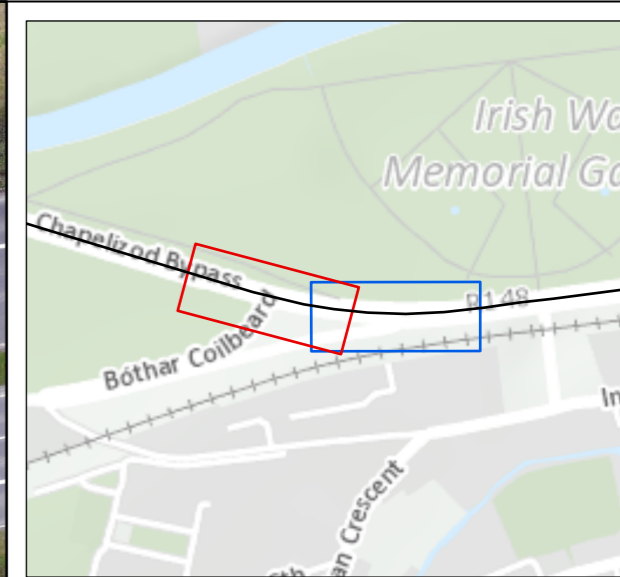
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Drawing Title Figure 6.6 Aerial Views of Key Junctions		Rev M01	
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0509	Sheet Number 9 of 13	Status A	Rev M01



A) R148 CHAPELIZOD ROAD/R833 CON COLBERT ROAD JUNCTION



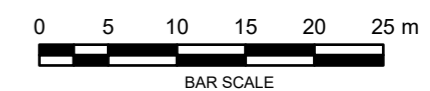
B) R148 CHAPELIZOD ROAD/R833 CON COLBERT ROAD JUNCTION



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- ▭ A) R148 Chapelizod Road/R833 Con Colbert Road junction
- ▭ B) R148 Chapelizod Road/R833 Con Colbert Road junction

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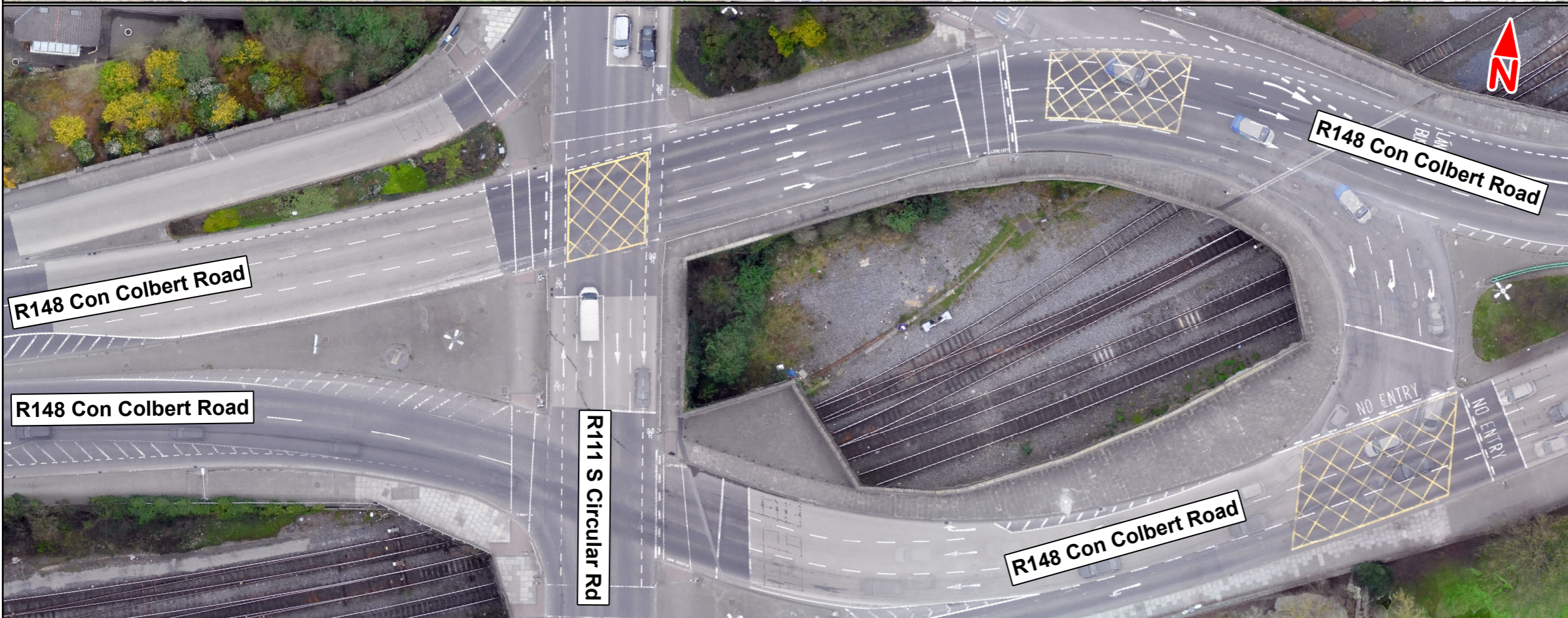
Rev	Date	Drn	Chk'd	App'd	Description
M01	Jun 2022	KJ	BF	DK	ISSUE FOR PHASE 4 : PLANNING

Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 17/06/2022	Scale @ A3 1:550	Drawn KJ	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

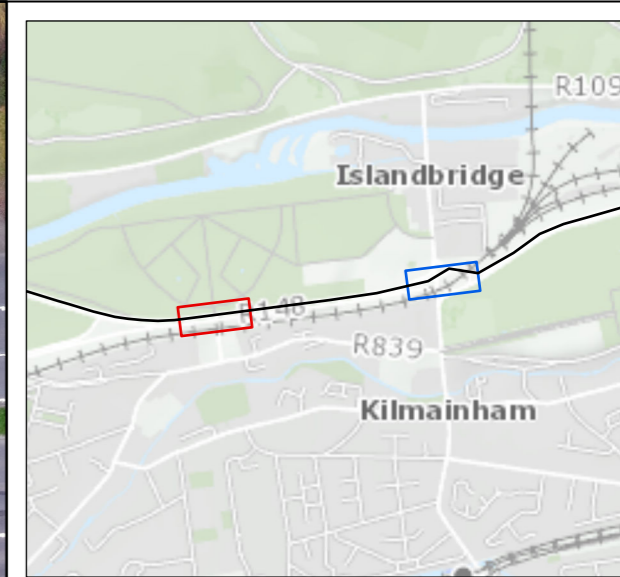
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Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0510	Sheet Number 10 of 13	Status A	Rev M01	






A) R148 CON COLBERT ROAD/MEMORIAL ROAD JUNCTION



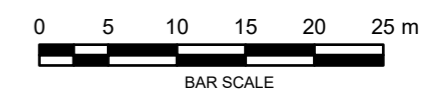
B) R148 CON COLBERT ROAD/R111 SOUTH CIRCULAR ROAD JUNCTION



Legend

-  Lucan to City Centre Core Bus Corridor Scheme
-  A) R148 Con Colbert Road/Memorial Road junction
-  B) R148 Con Colbert Road/R111 South Circular Road junction

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Consultant
Jacobs
ARUP SYSTRA

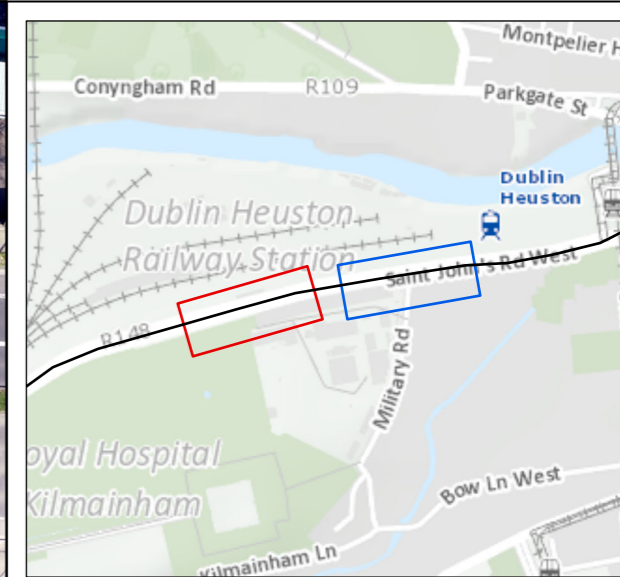
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Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Date 17/06/2022	Scale @ A3 1:550	Drawn KJ	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0511	Sheet Number 11 of 13	Status A	Rev M01	



A) R148 ST JOHN'S ROAD WEST/HSQ ENTRANCE JUNCTION



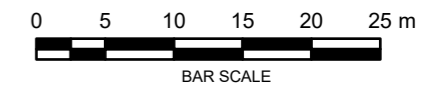
B) R148 ST. JOHN'S ROAD WEST/MILITARY ROAD JUNCTION



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- ▭ A) R148 St John's Road West/HSQ Entrance junction
- ▭ B) R148 St. John's Road West/Military Road junction

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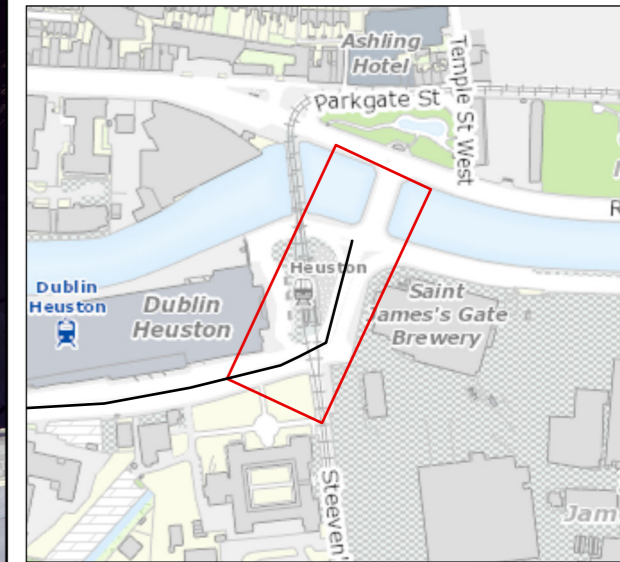
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Project Code BCIDE	Originator Code JAC	QMS Code		

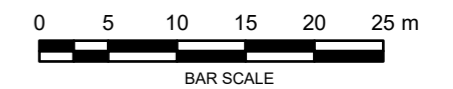
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Drawing Title Figure 6.6 Aerial Views of Key Junctions				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0512	Sheet Number 12 of 13	Status A	Rev M01	



Legend

- Lucan to City Centre Core Bus Corridor Scheme
- A) R148 St John's Road West / Victoria Quay / Frank Sherwin Bridge four-arm signalised junction

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Scale @ A3: 1:550


Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

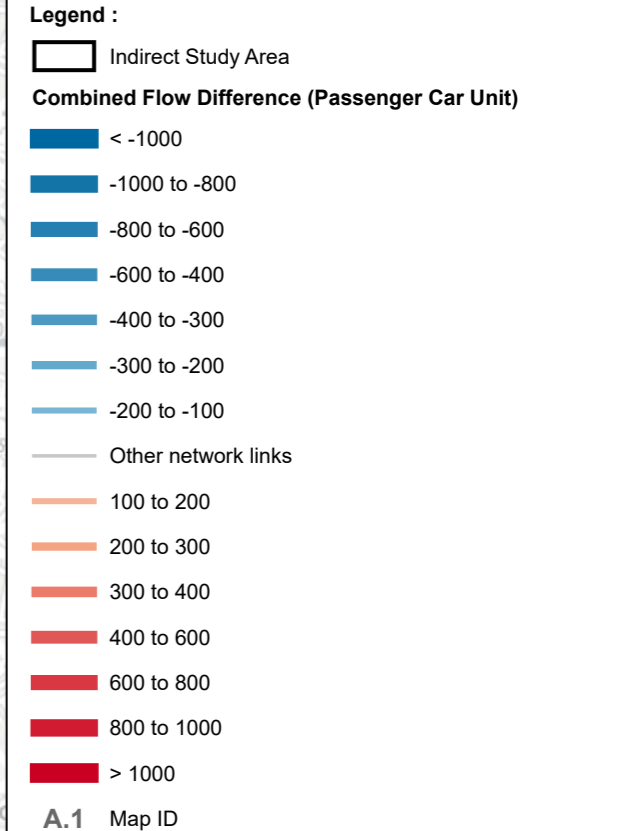
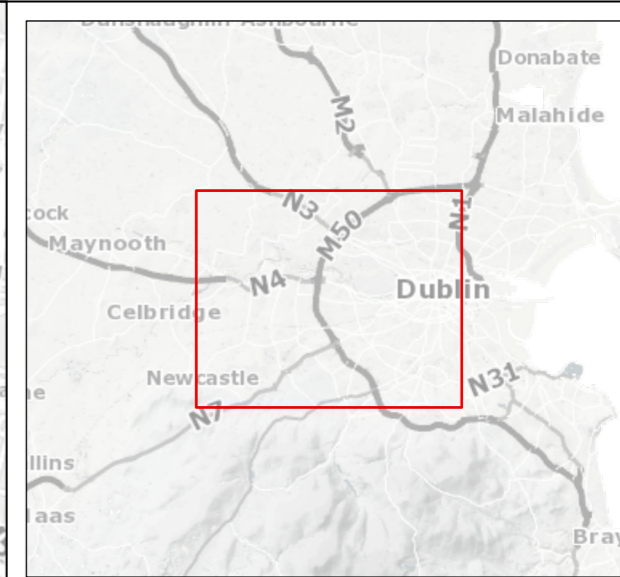
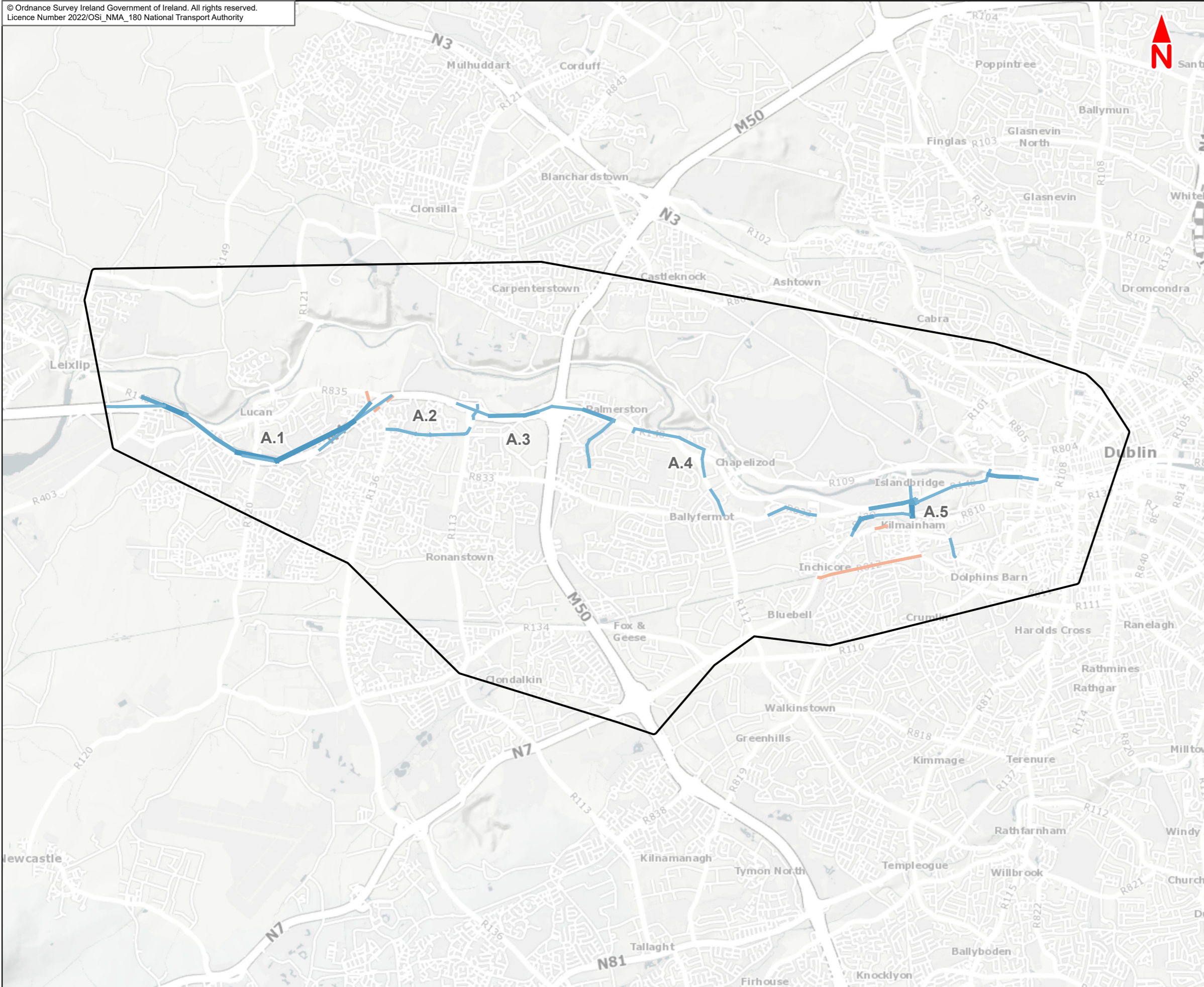
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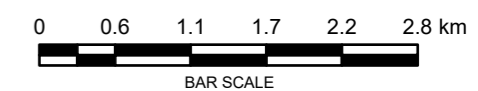
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Drawing Title Figure 6.6 Aerial Views of Key Junctions			
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0513	Sheet Number 13 of 13	Status A	Rev M01



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



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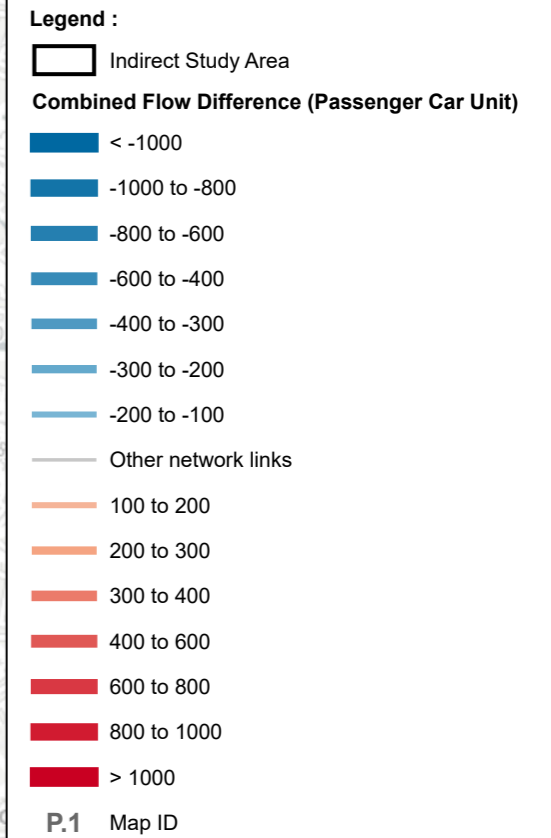
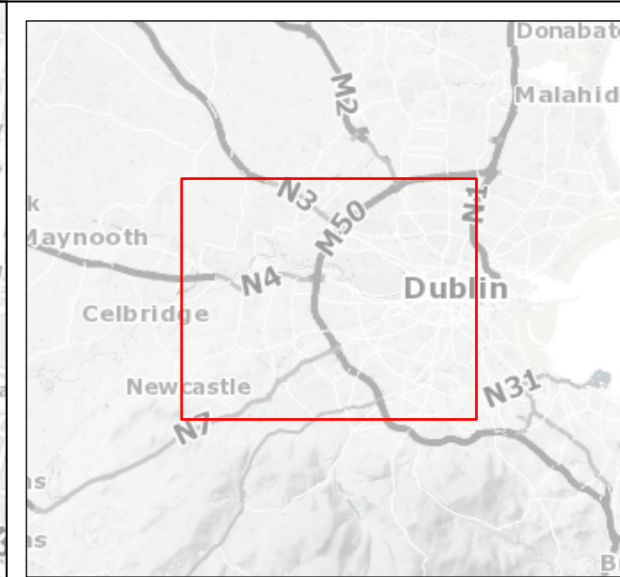
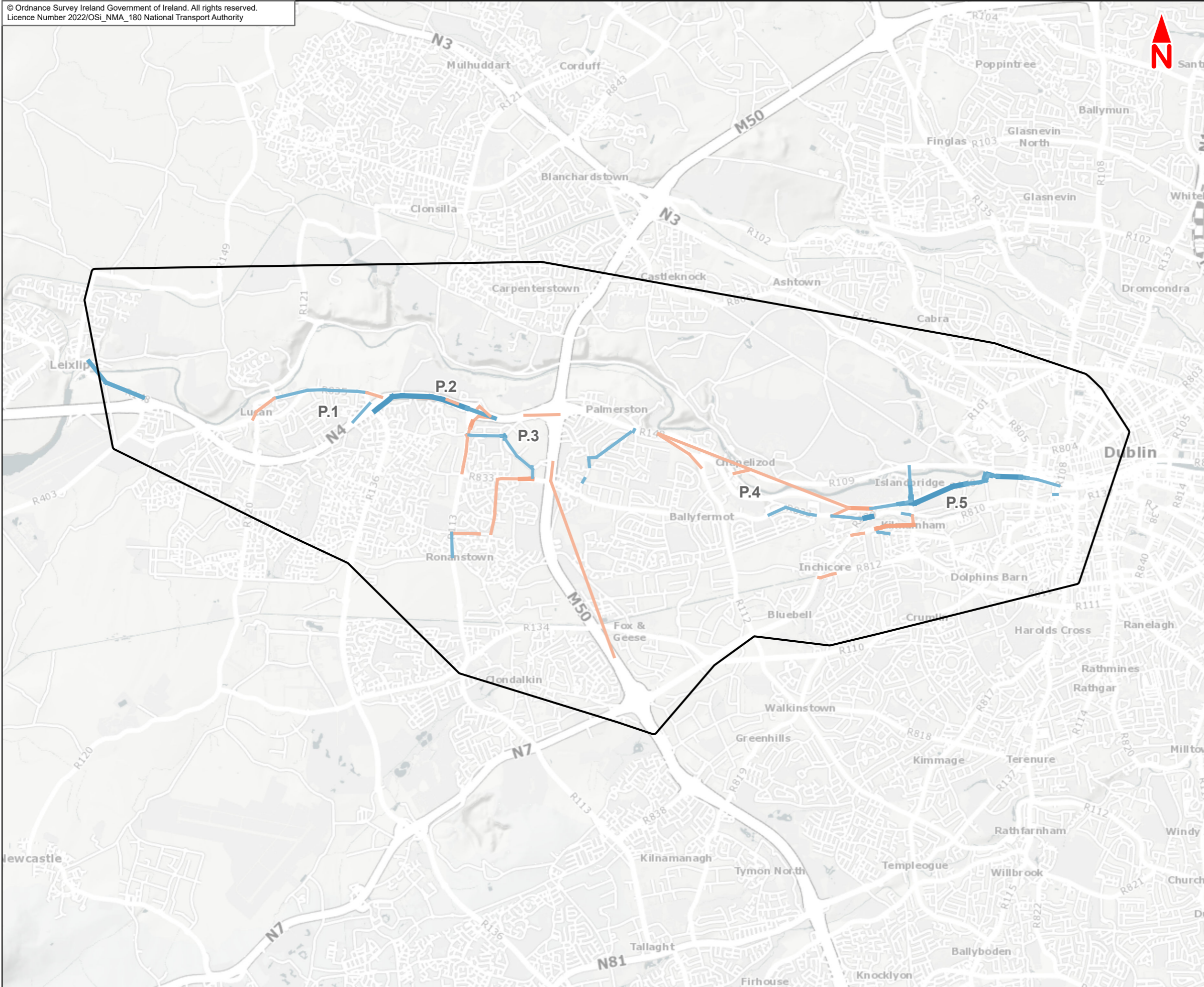
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Drawing Title CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Figure 6.7 Lucan to City Centre Core Bus Corridor Scheme				
Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0004	Sheet Number 1 of 1	Status A	Rev M01	

Date 14/06/2022	Scale @ A3 1:55,000	Drawn HCH	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

6.8

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





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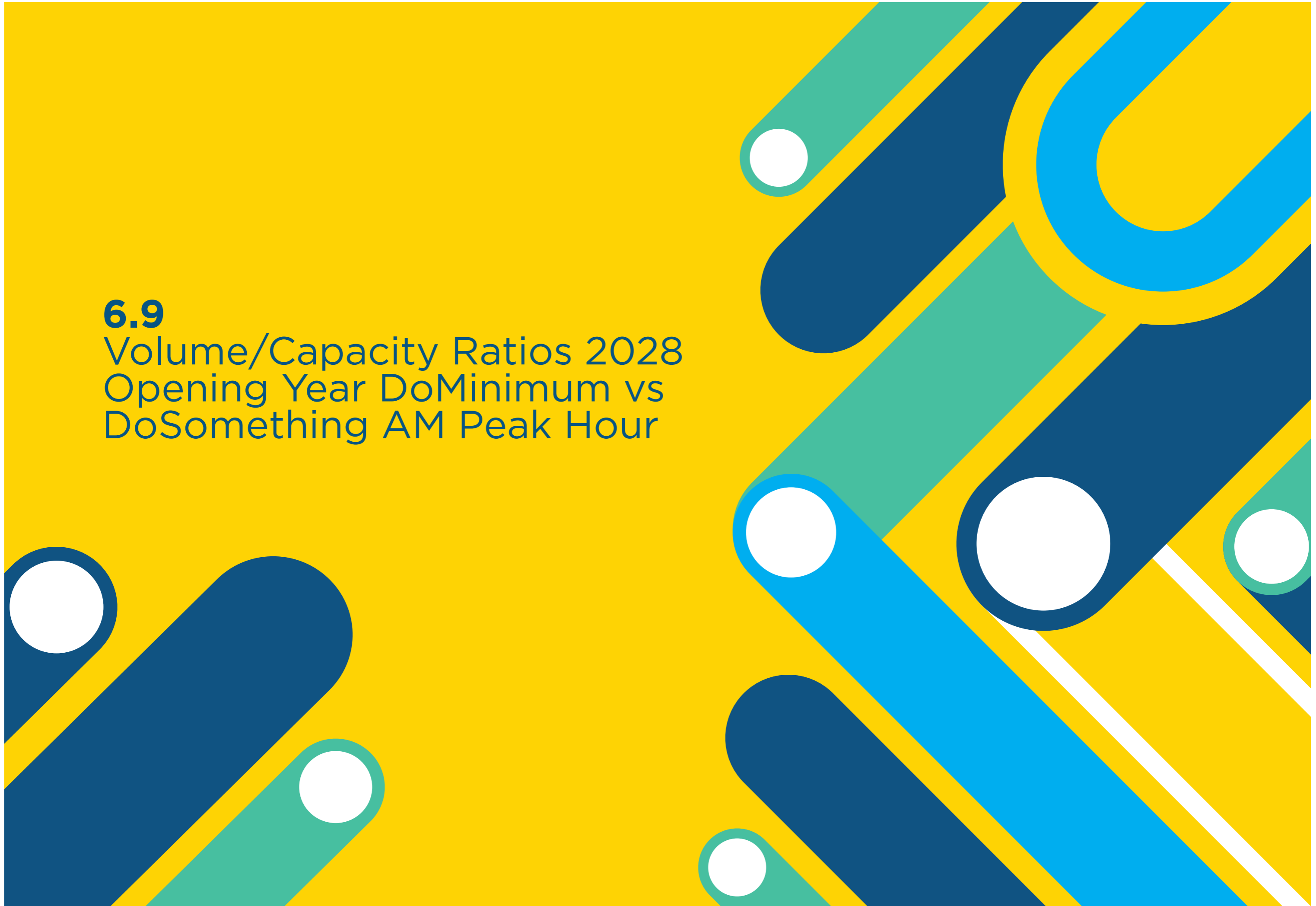
Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.8 Lucan to City Centre Core Bus Corridor Scheme Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0005	Sheet Number 1 of 1	Status A	Rev M01	

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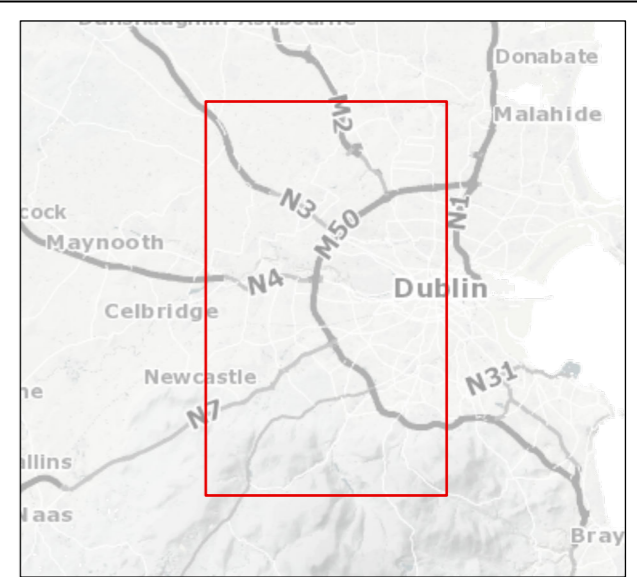
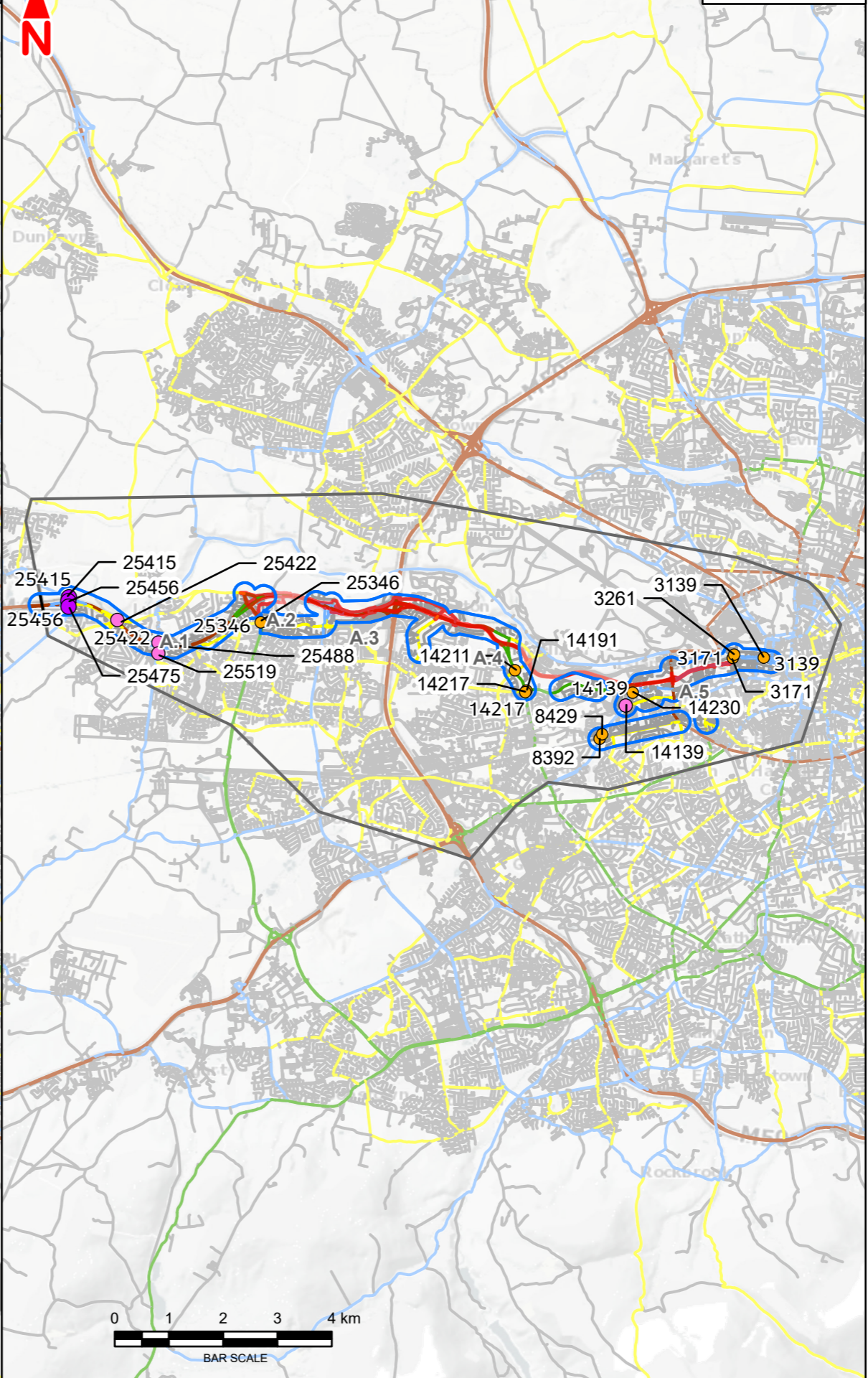
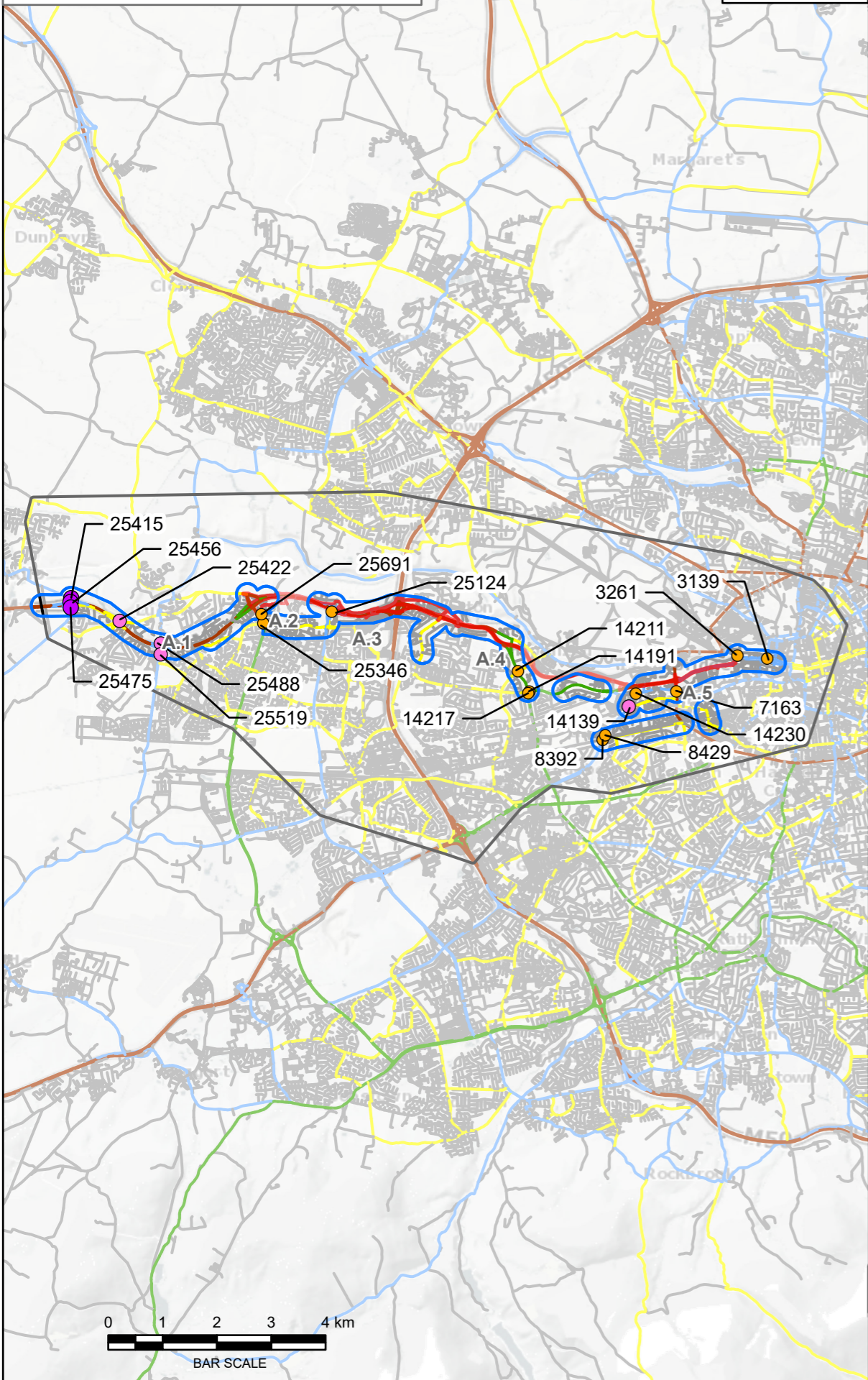
6.9

Volume/Capacity Ratios 2028
Opening Year 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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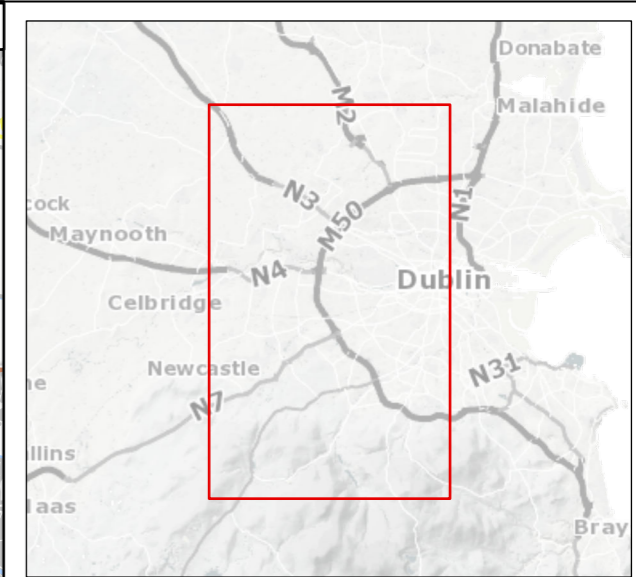
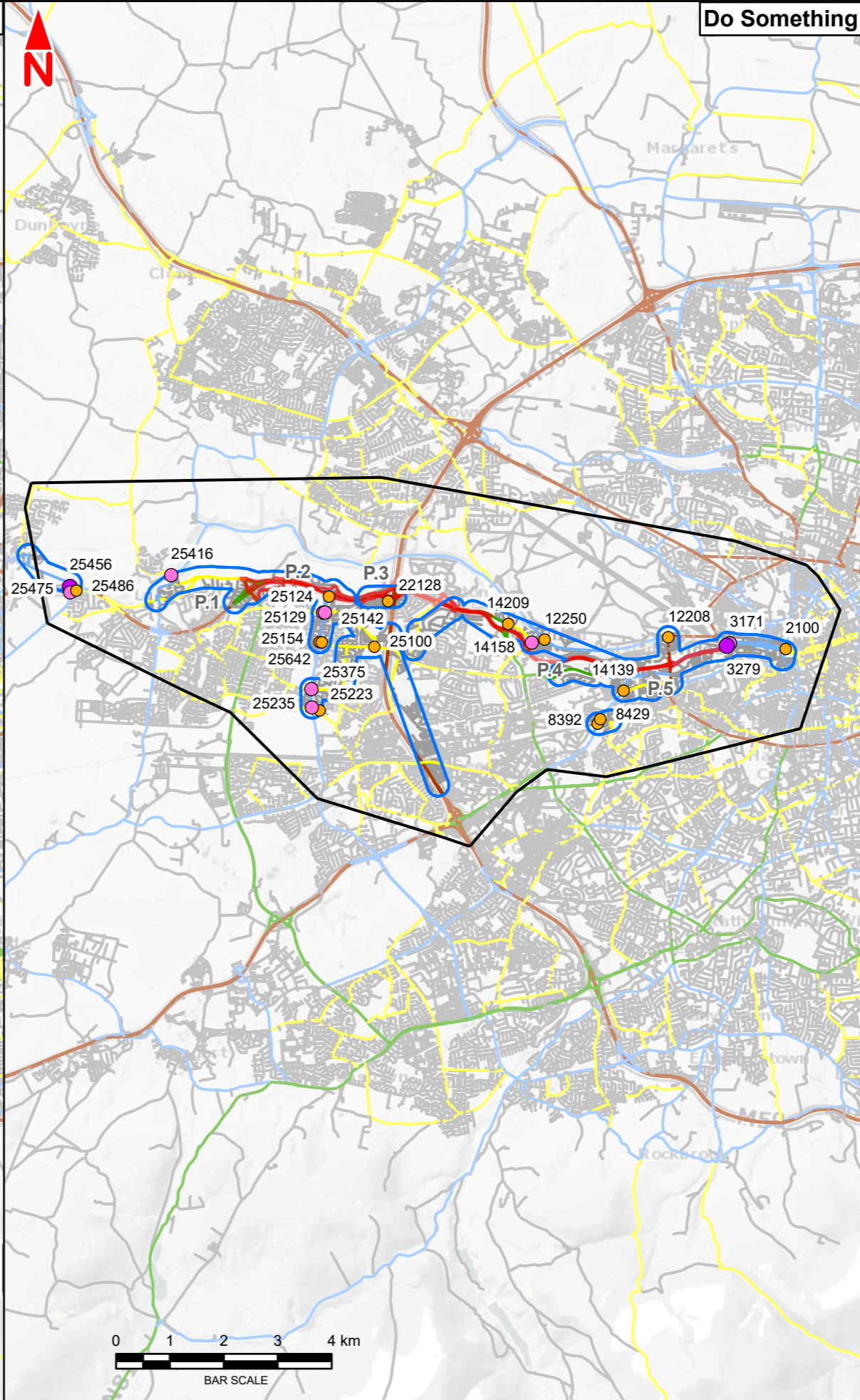
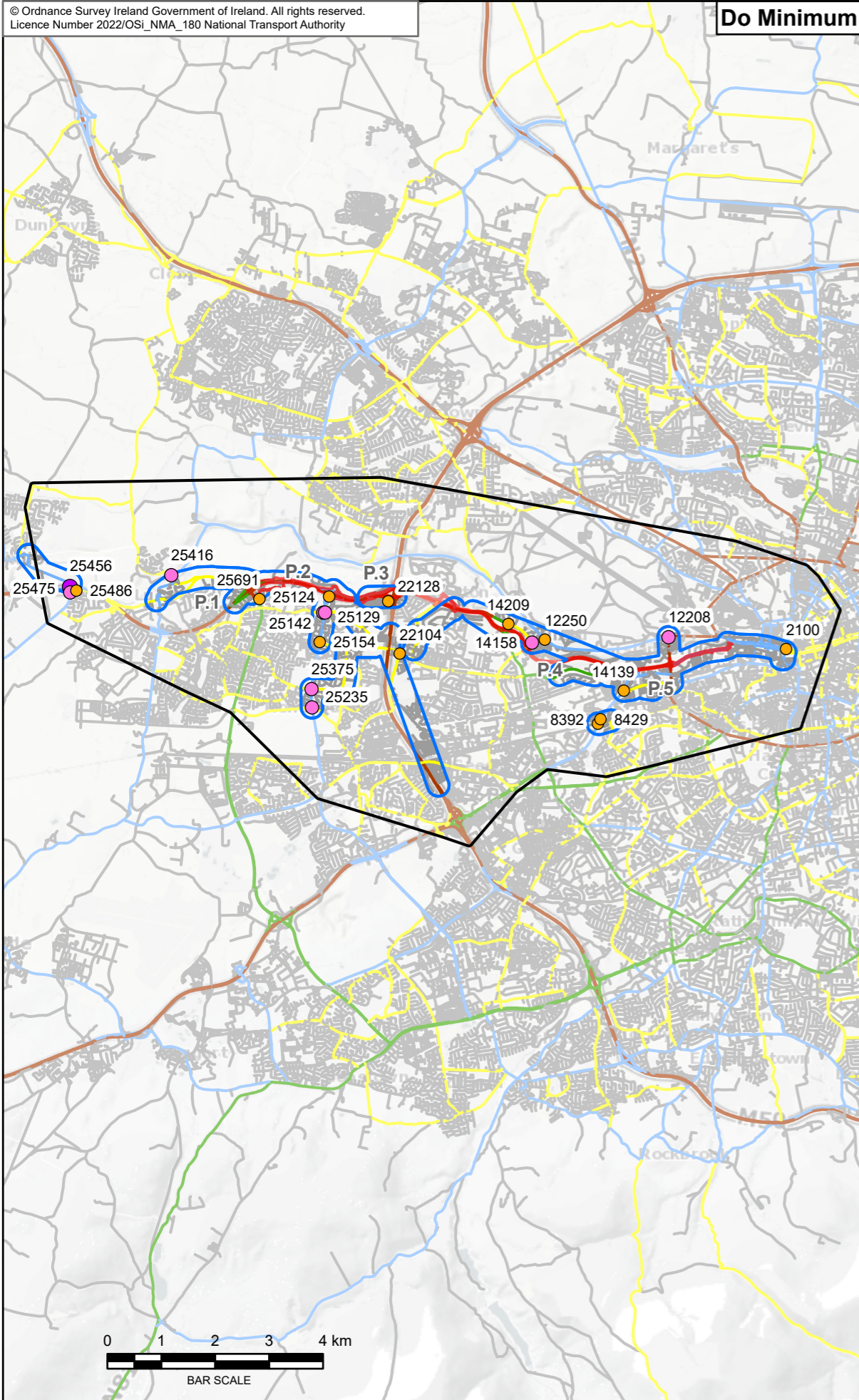
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Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.9 Lucan to City Centre Core Bus Corridor Scheme Volume / Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour				
Drawing File Name BCIDE-JAC-ENV_TT-0006_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
 - Area of Influence
 - Indirect Study Area
- V / C Ratios**
- 85% - 100%
 - 100% - 115%
 - > 115%
- Existing Road Category**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Category 5
- P.1** Map ID
17162 Junction Node ID

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Date: 14/06/2022 | Scale @ A3: 1:100 000

Project Code: BCIDE | Originator Code: JAC

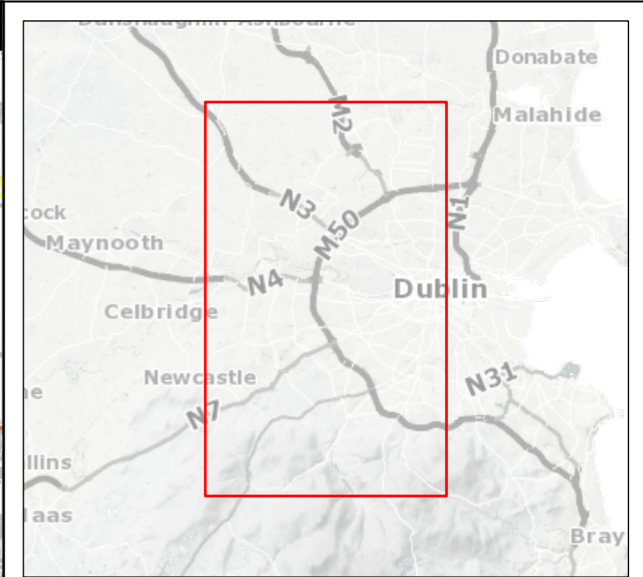
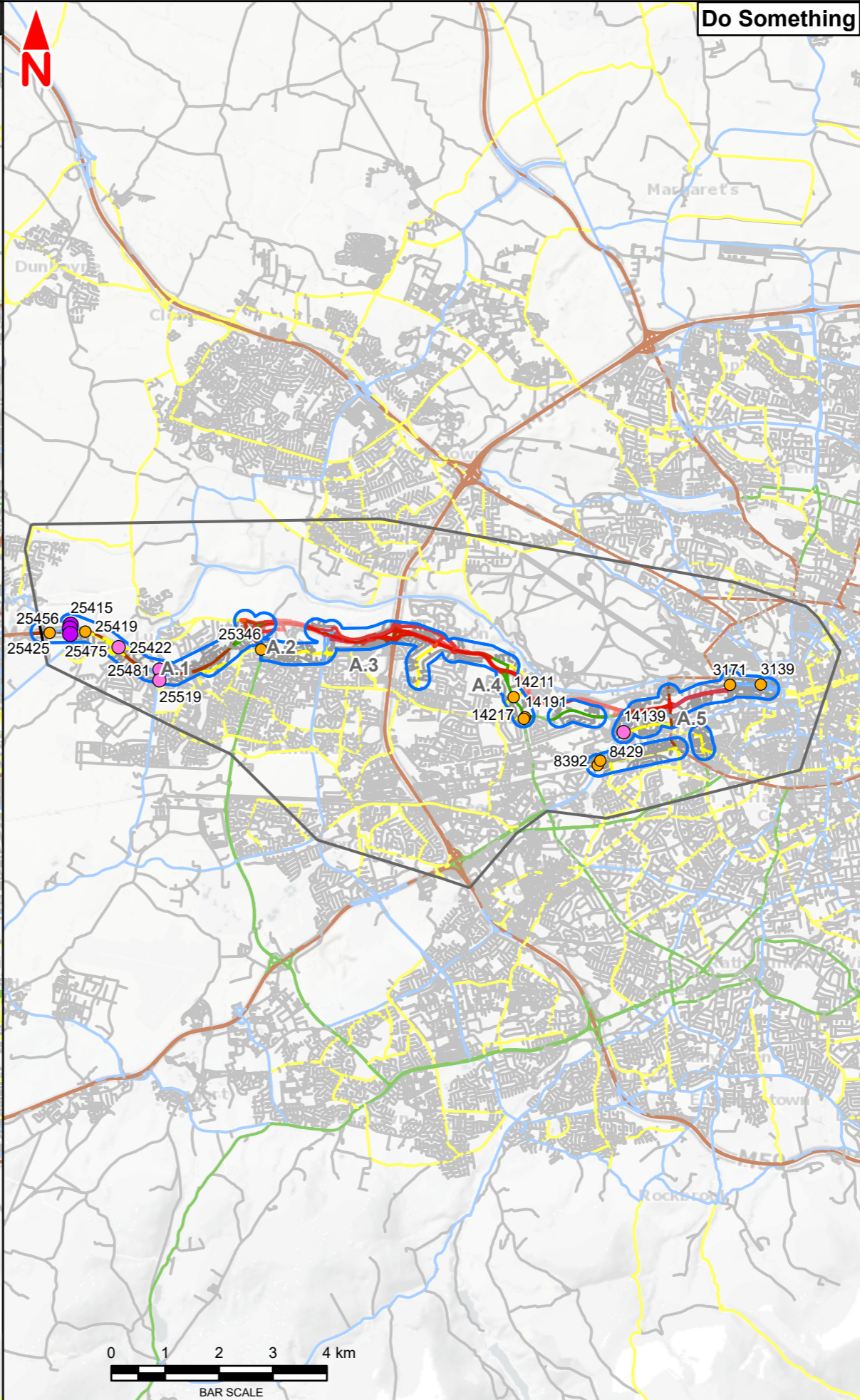
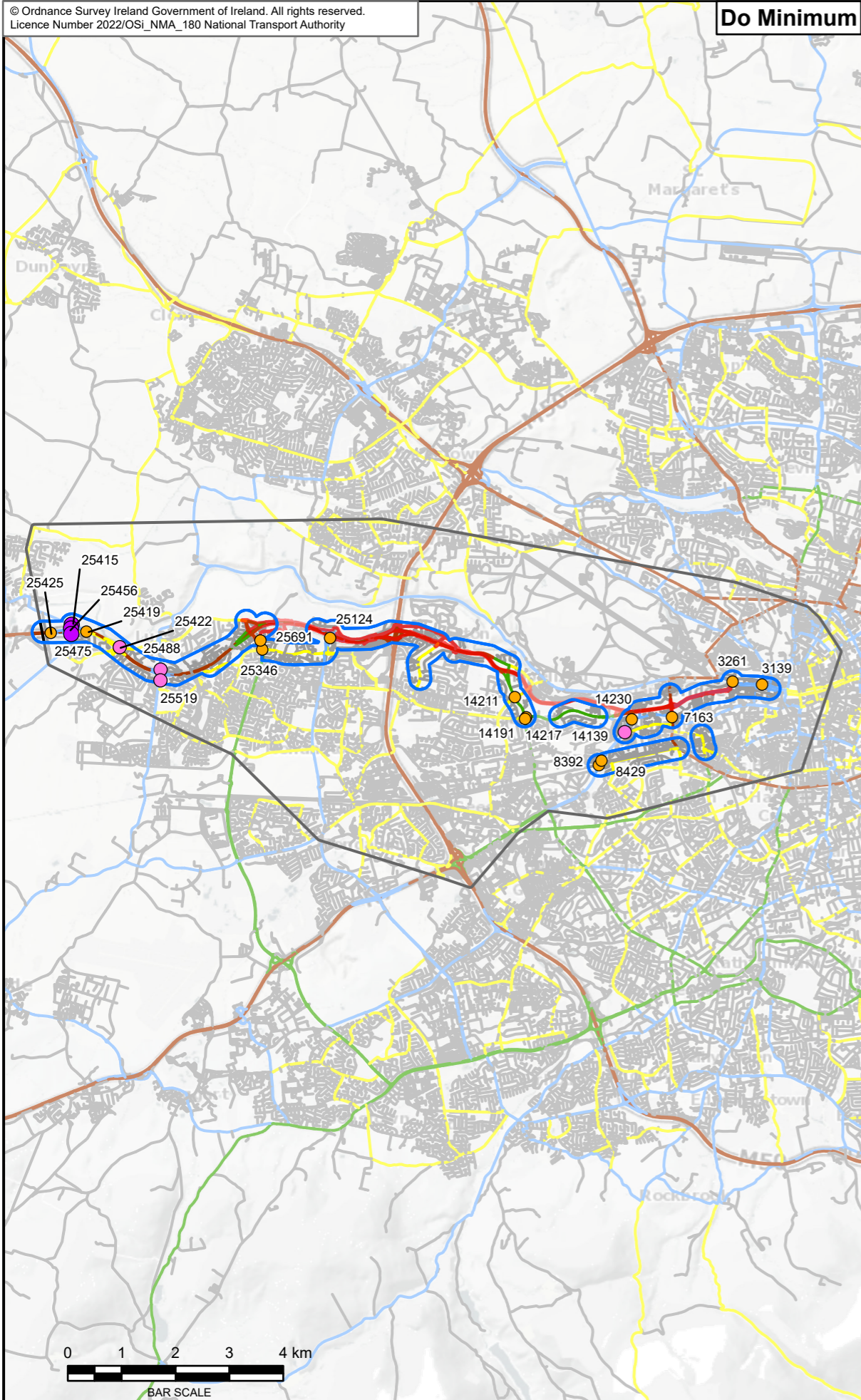
Drawn: HCH | Checked: BF | Approved: DK

QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN			
Drawing Title: CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Figure 6.10 Lucan to City Centre Core Bus Corridor Scheme Volume / Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour			
Drawing File Name: BCIDE-JAC-ENV_TT-0007_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



- 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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Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 14/06/2022	Scale @ A3 1:100 000	Drawn HCH	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.11 Lucan to City Centre Core Bus Corridor Scheme Volume / Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething AM Peak Hour				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0008	Sheet Number 1 of 1	Status A	Rev M01	

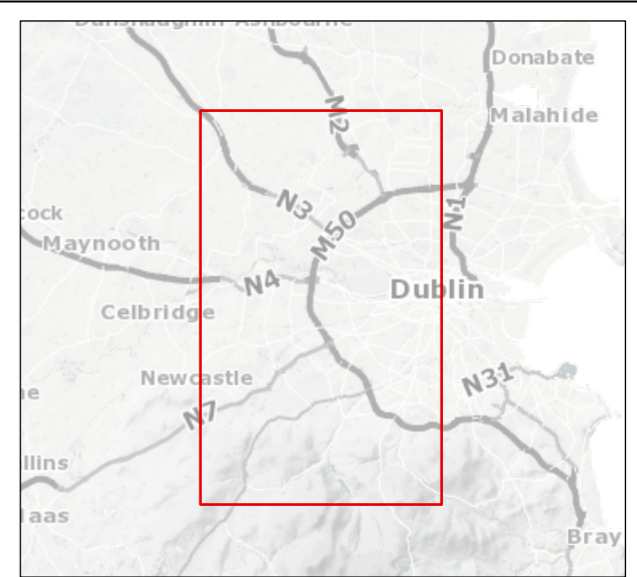
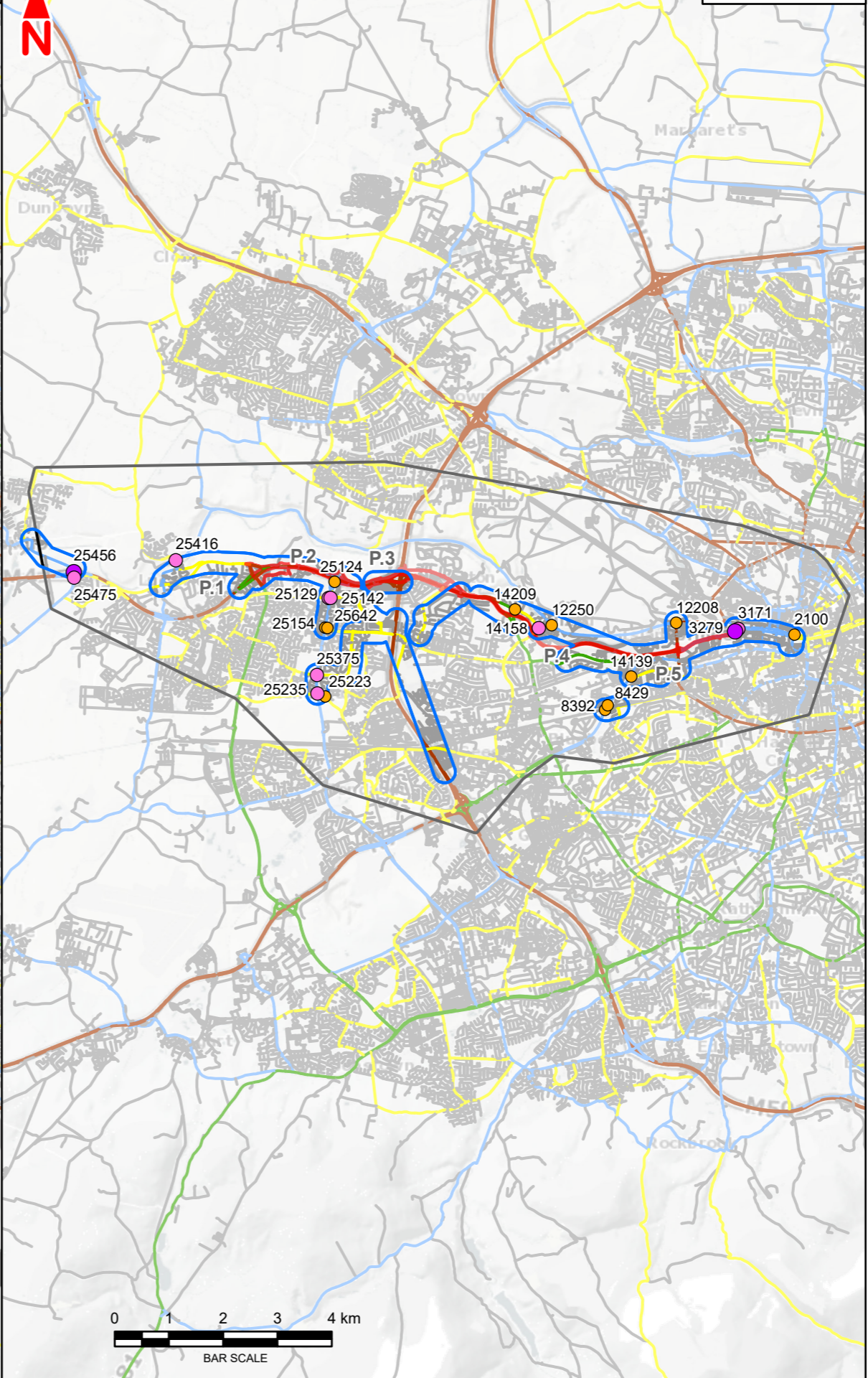
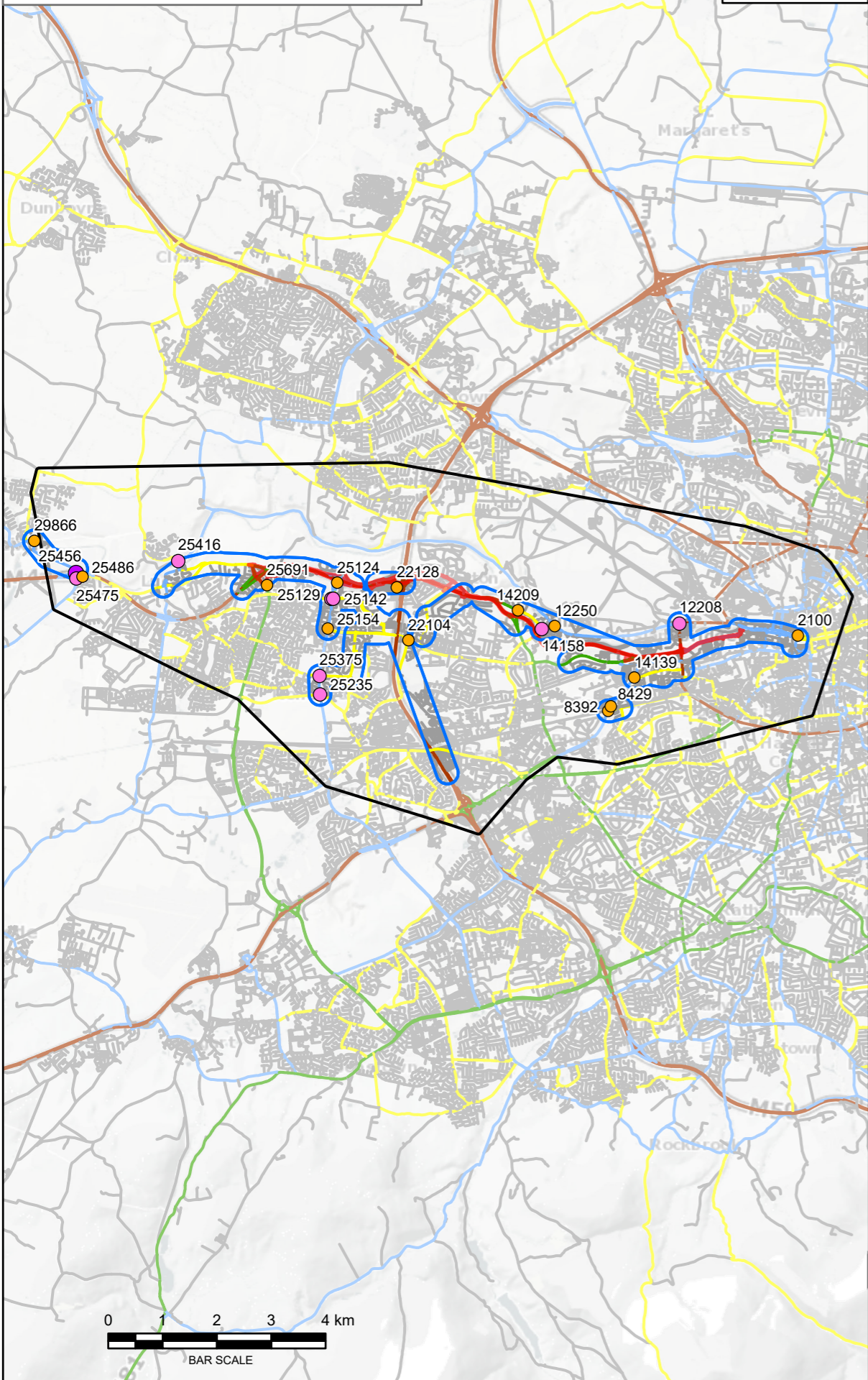
6.12

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



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

P.1 Map ID

17162 Junction Node ID

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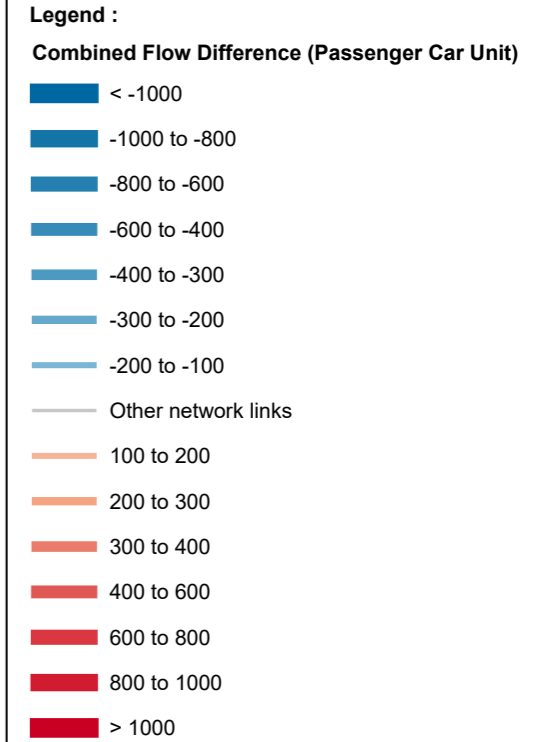
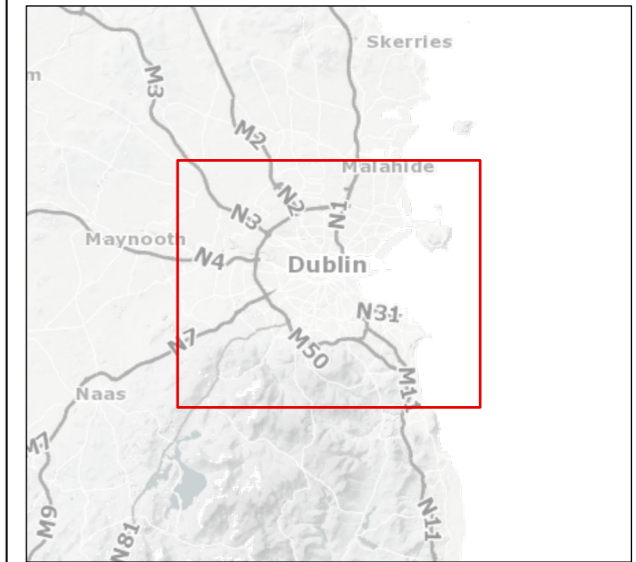
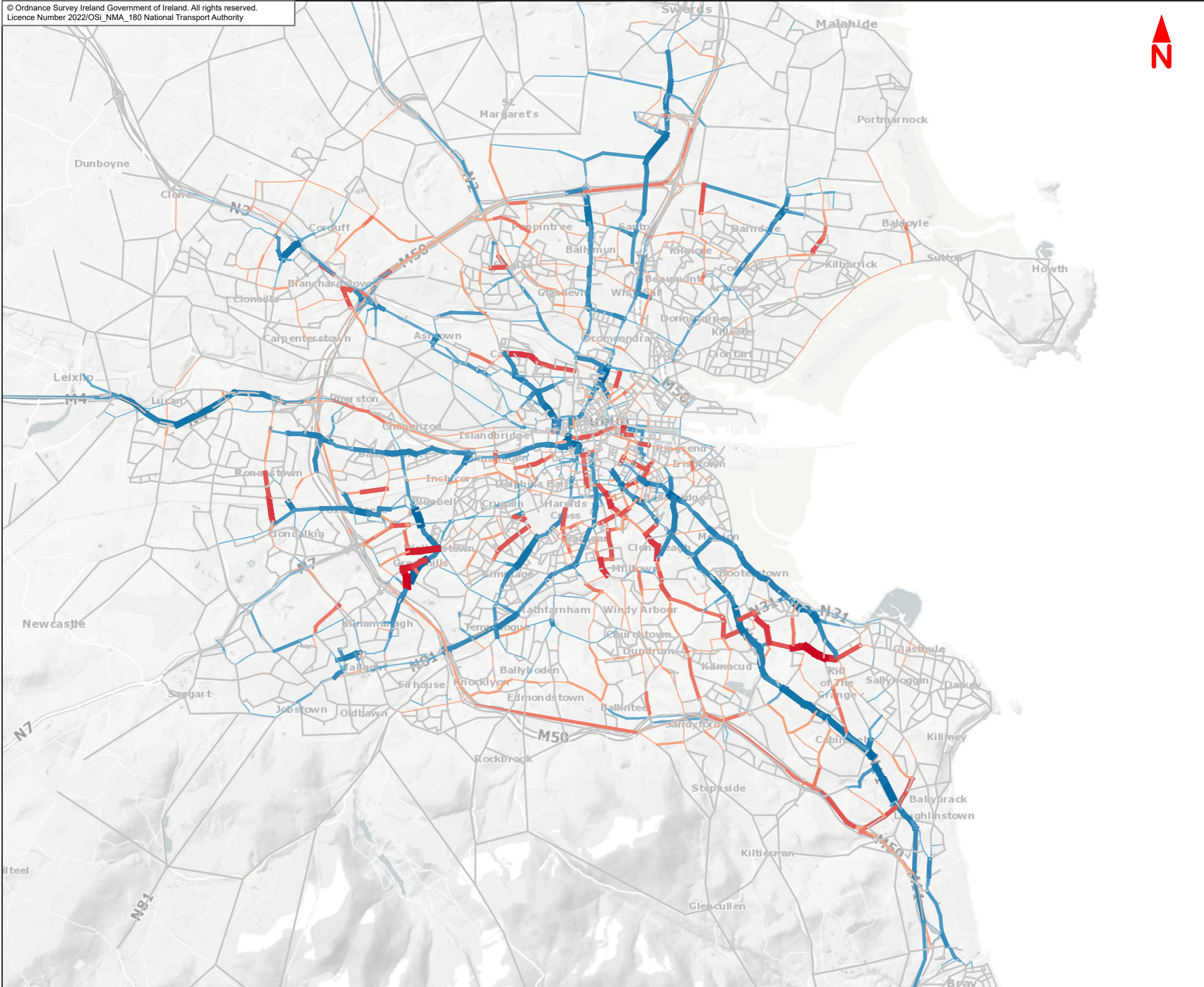
Client NTA Udarás Náisiúnta Iompair National Transport Authority		Consultant JACOBS ARUP SYSTRA		
Date 14/06/2022	Scale @ A3 1:100 000	Drawn HCH	Checked BF	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Figure 6.12 Lucan to City Centre Core Bus Corridor Scheme Volume / Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething PM Peak Hour				
Drawing File Name BCIDE-JAC-ENV_TT-0006_XX_00-DR-GG-0009	Sheet Number 1 of 1	Status A	Rev M01	

6.13

Flow Distribution 2028
Post Construction Scenario (AM)
All Core Bus Corridors





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NTA
Udarás Náisiúnta Iompair
National Transport Authority

Date: 17/06/2022
Scale @ A3: 1:110,000
Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

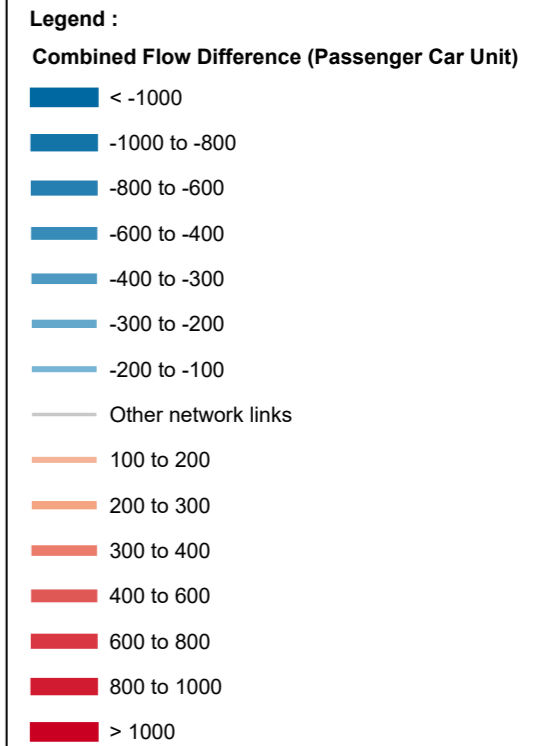
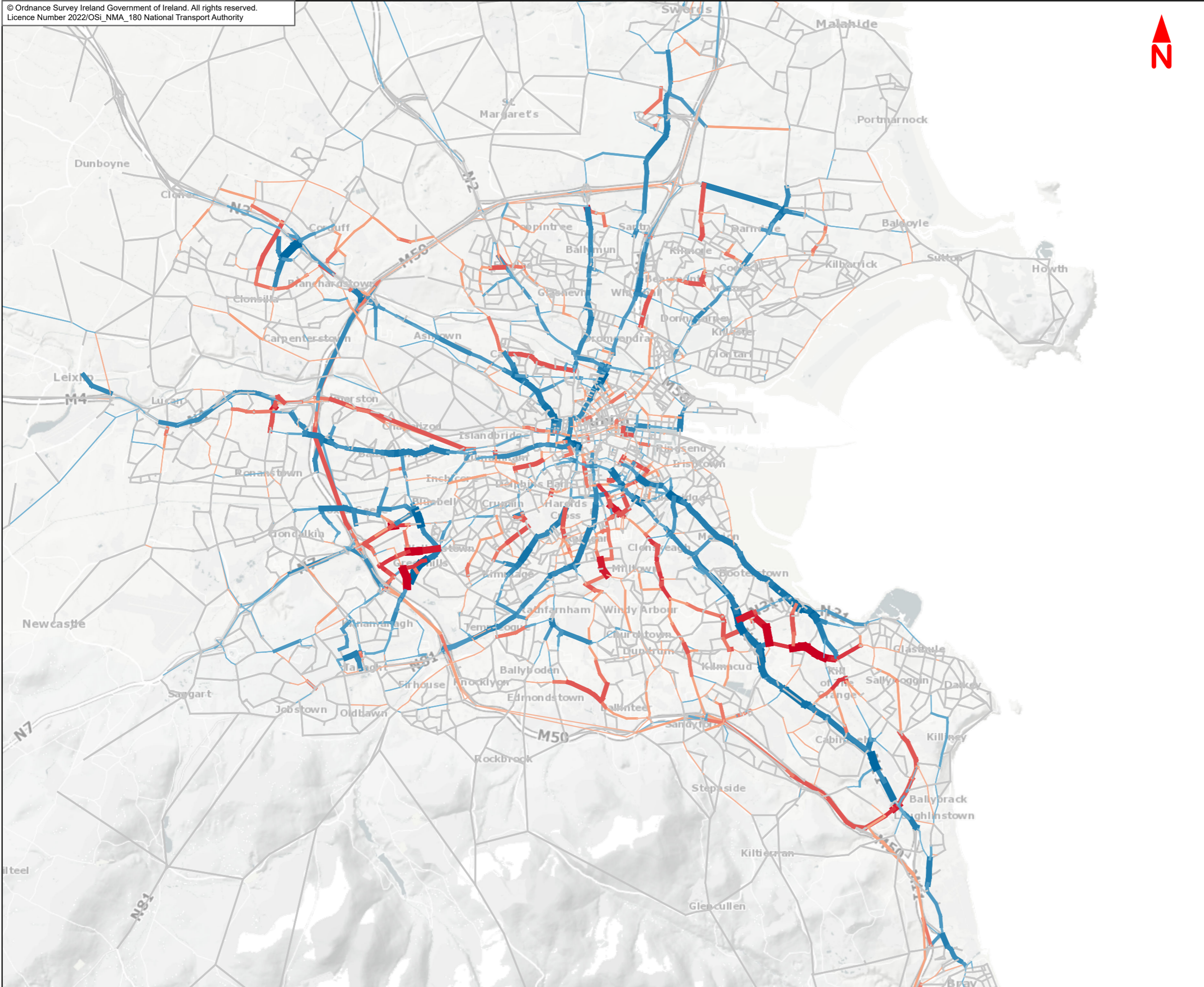
Drawn: HCH
Checked: PH
Approved: DK

QMS Code

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



6.14
Flow Distribution 2028
Post Construction Scenario (PM)
All Core Bus Corridors



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National Transport Authority

Date: 28/06/2022
Scale @ A3: 1:110,000

Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

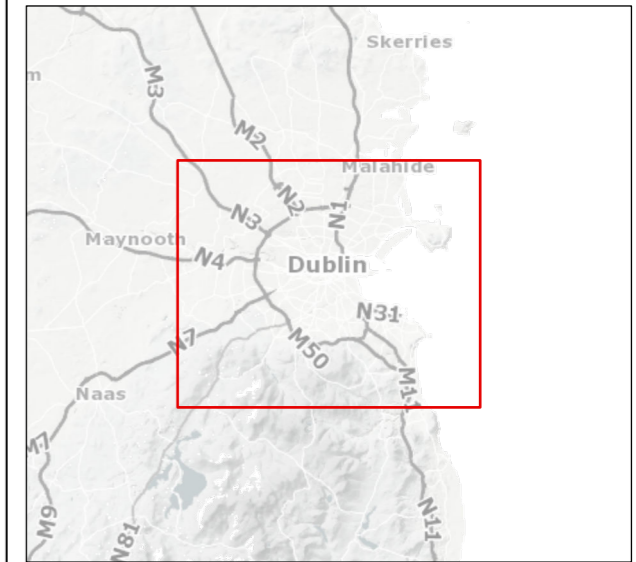
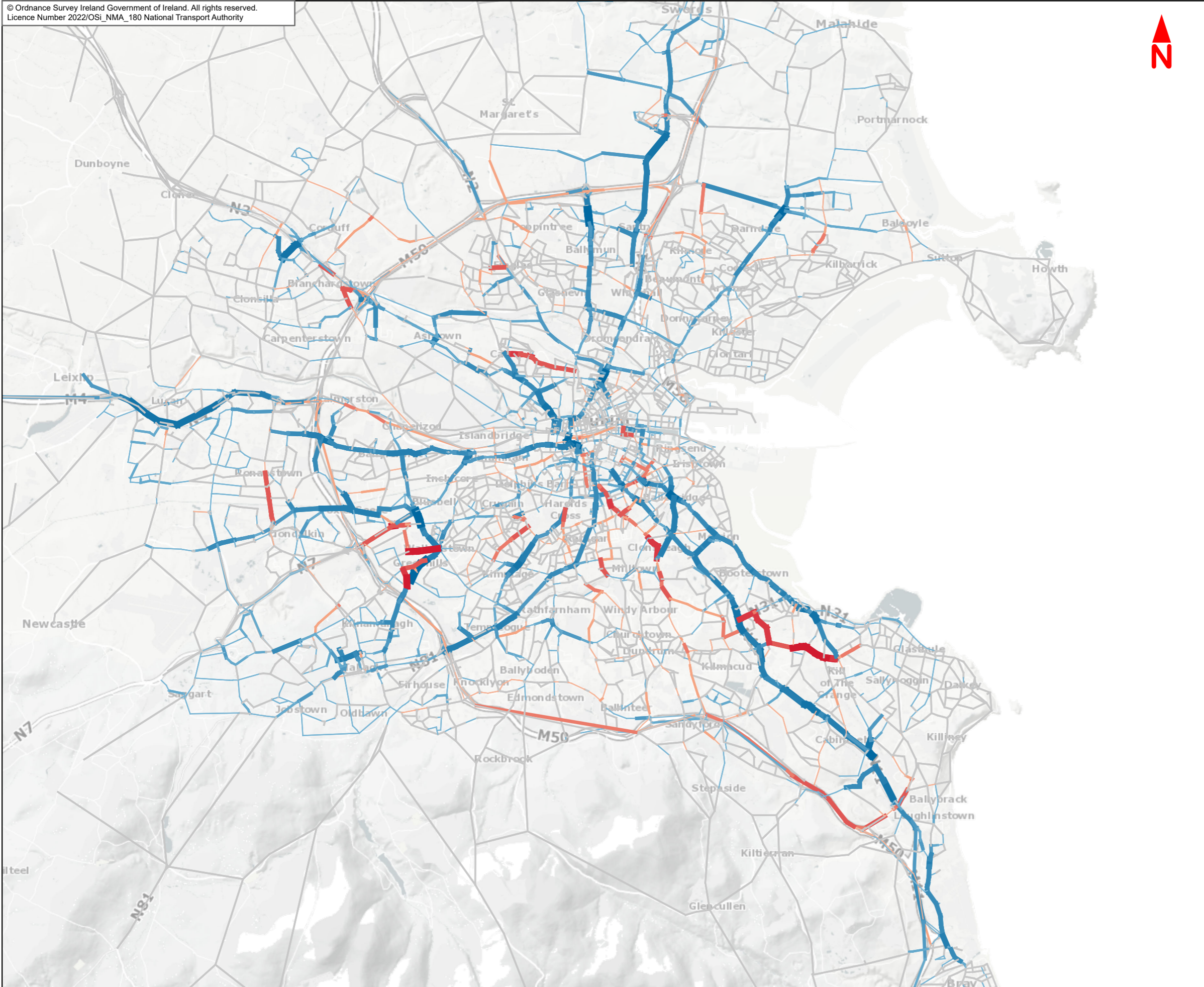
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Approved: DK

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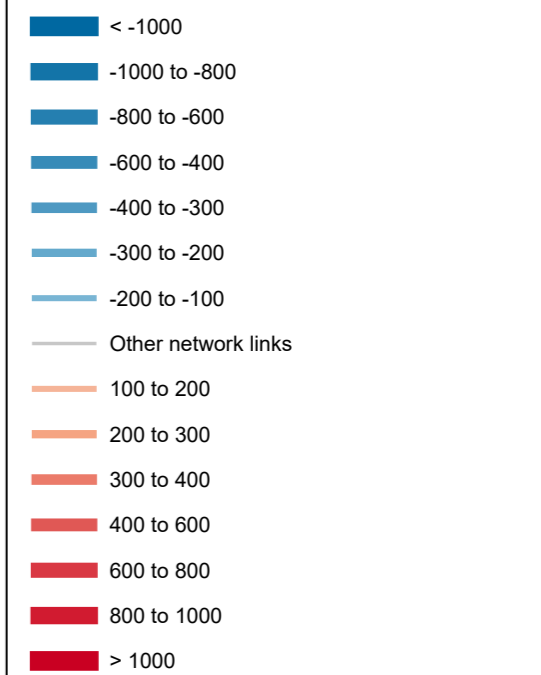
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Drawing Title Figure 6.14 Flow Distribution 2028 Post Construction Scenario (PM) All Core Bus Corridors			
Drawing File Name BCIDE-JAC-PMG ZZ-0000_XX_00-DR-GG-0002	Sheet Number 1 of 1	Status A	Rev M01

6.15
Flow Distribution 2043
Post Construction Scenario (AM)
All Core Bus Corridors





Legend :
Combined Flow Difference (Passenger Car Unit)



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Date: 17/06/2022
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Project Code: BCIDE
Originator Code: JAC

Consultant
JACOBS ARUP SYSTRA

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Checked: PH
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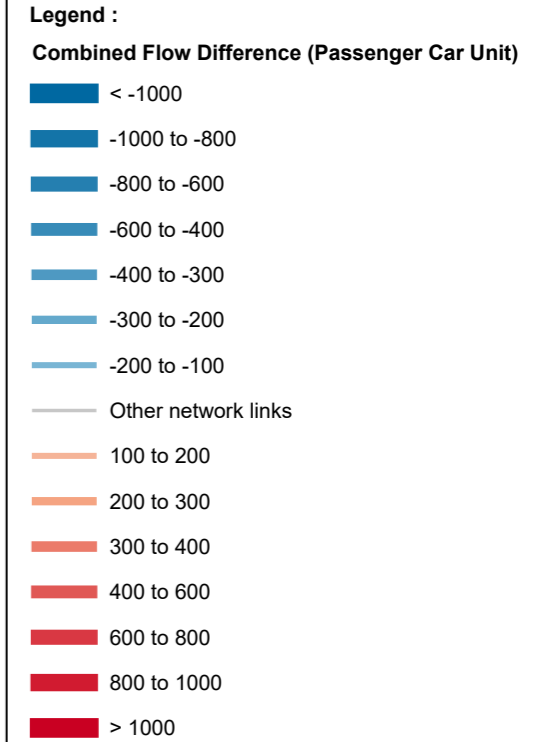
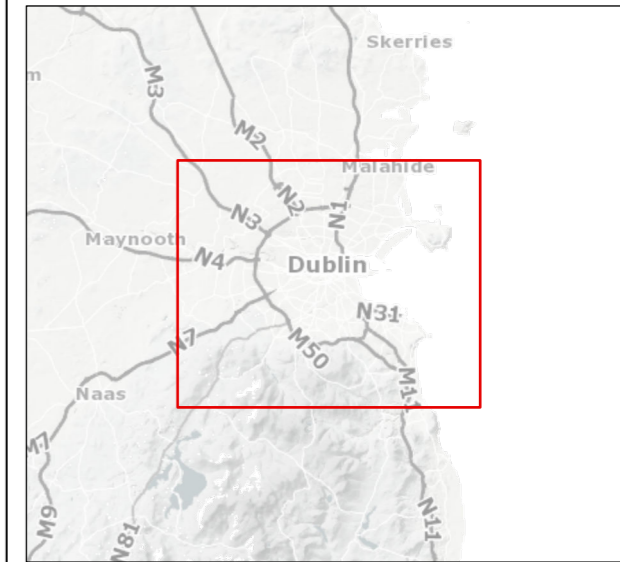
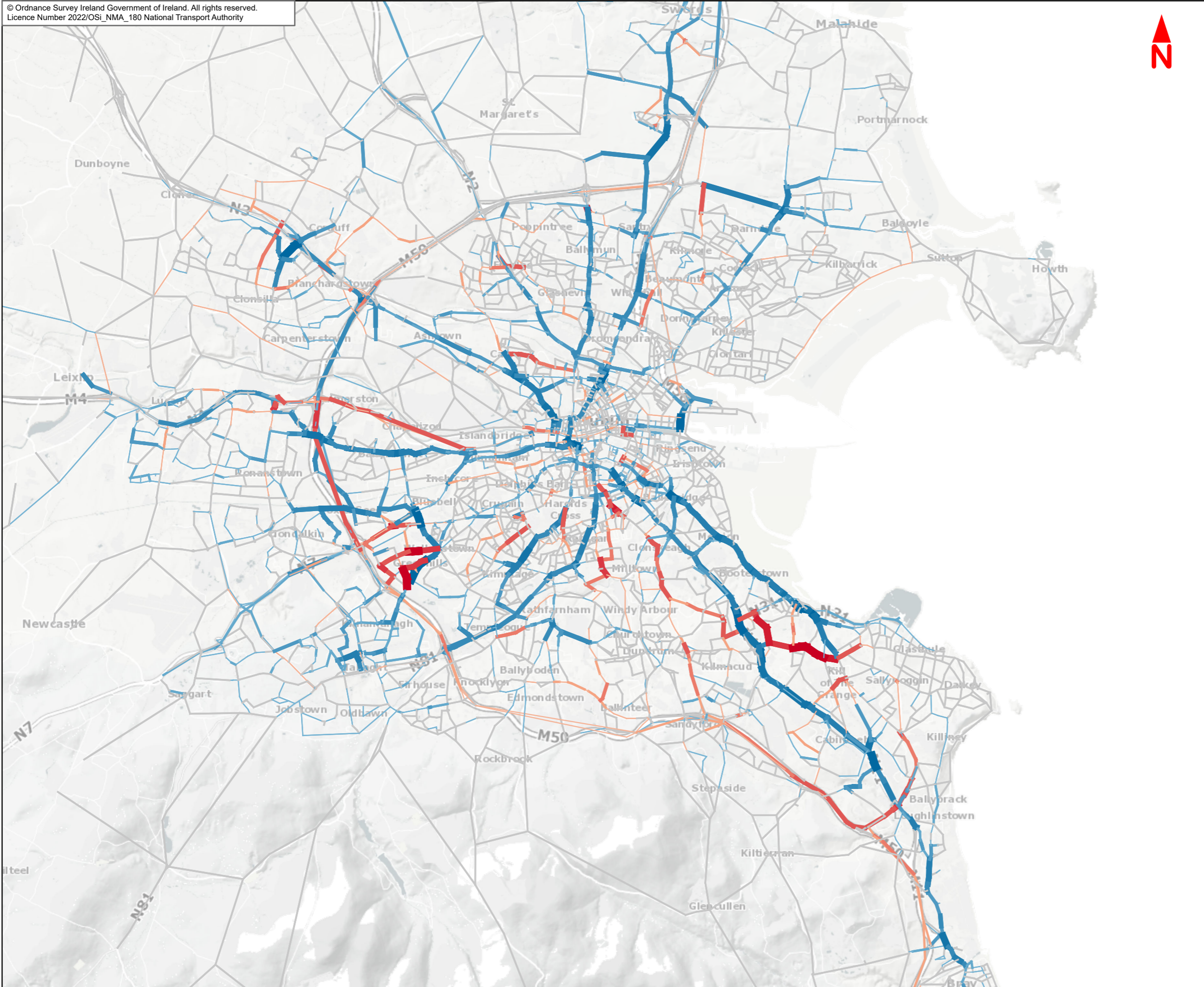
QMS Code

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
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)
All Core Bus Corridors





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Consultant
JACOBS
ARUP SYSTRA

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Approved: DK

QMS Code

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
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