Appendix A6.1 Sub Appendix **Appendix 3 –** Maps



6.1 Proposed Scheme Extents







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M01	May 2023	LF	EA	GT	ISSUE FOR PHASE 4 : PLANNING		NTTA Údarás Náisiúnta Iompair National Transport Authority		Jacobs ARUP SYSTIA		
						Date 09/05/2023	Scale @ A3 1:75 000	Drawn LF	Checked EA	Approve GT	
						Project Code BCIDE	Originator Code JAC	QMS Code			

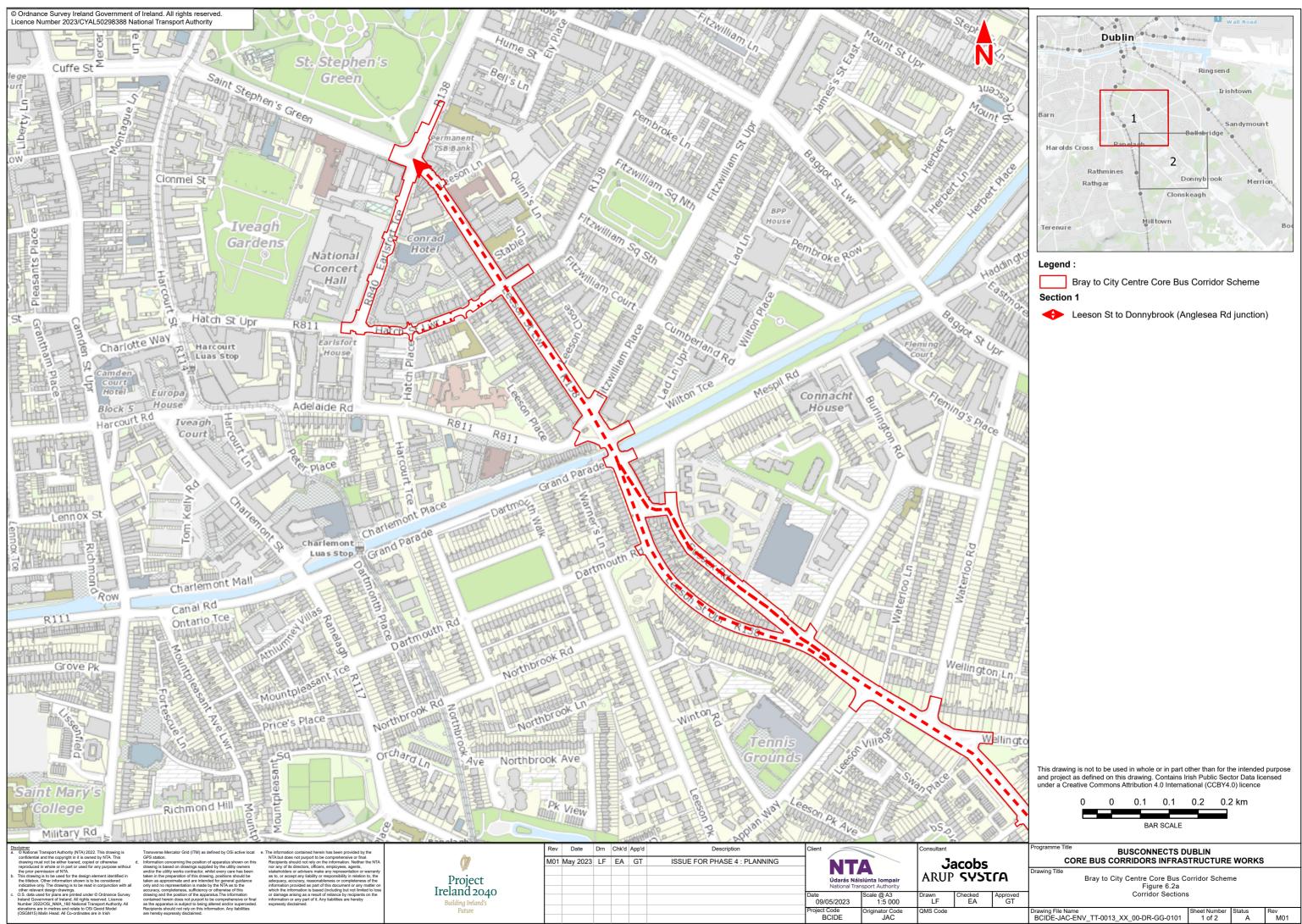
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	Donnybrook (Anglesea Rd junction) to Loughlinstown Roundabout
	Section 3
	Loughlinstown Roundabout to Bray North (Wilford
	Roundabout)
	Section 4
	Bray North (Wilford Roundabout) to Bray South (Fran
	O'Toole Bridge)
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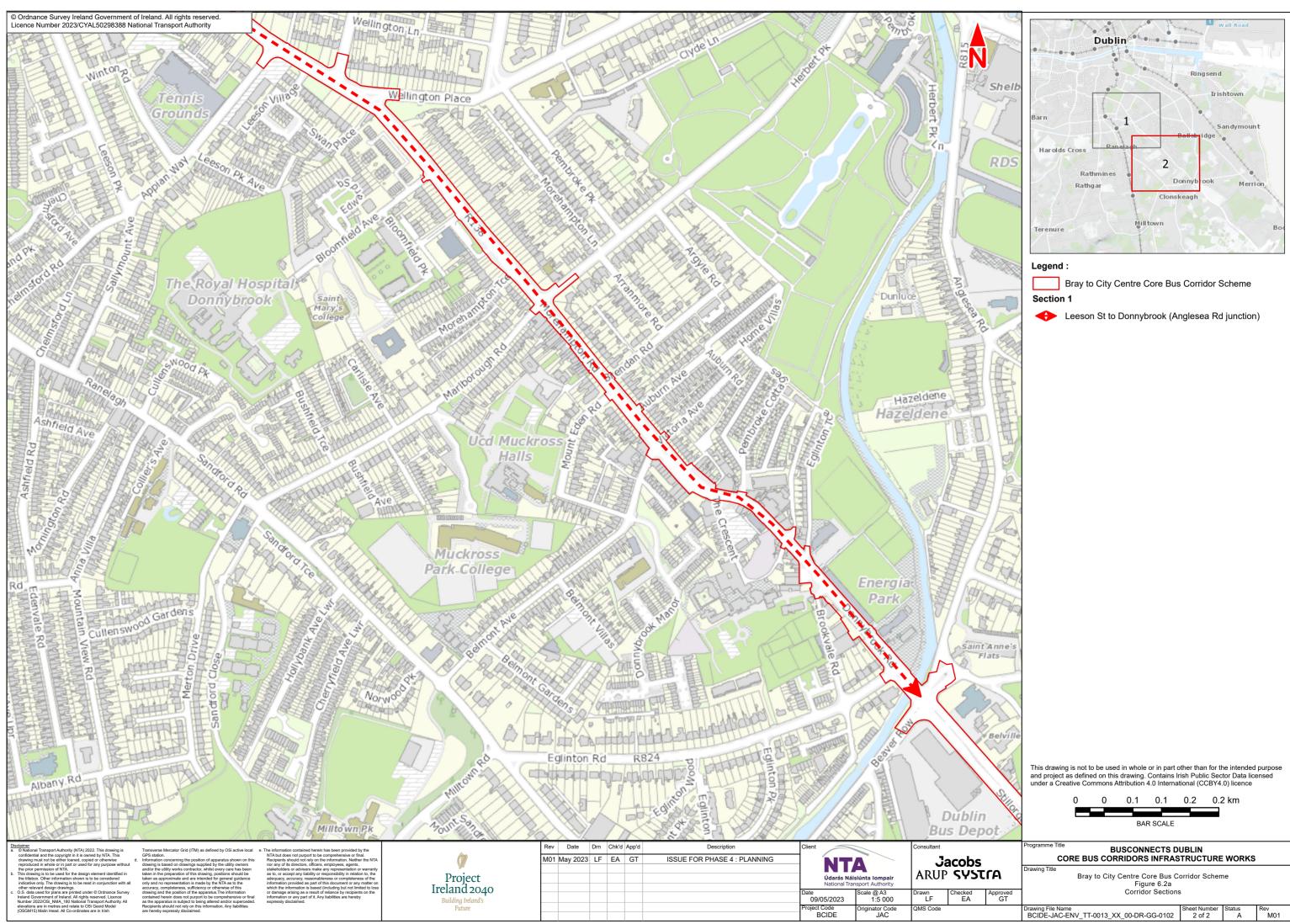
6.2 Corridor Sections



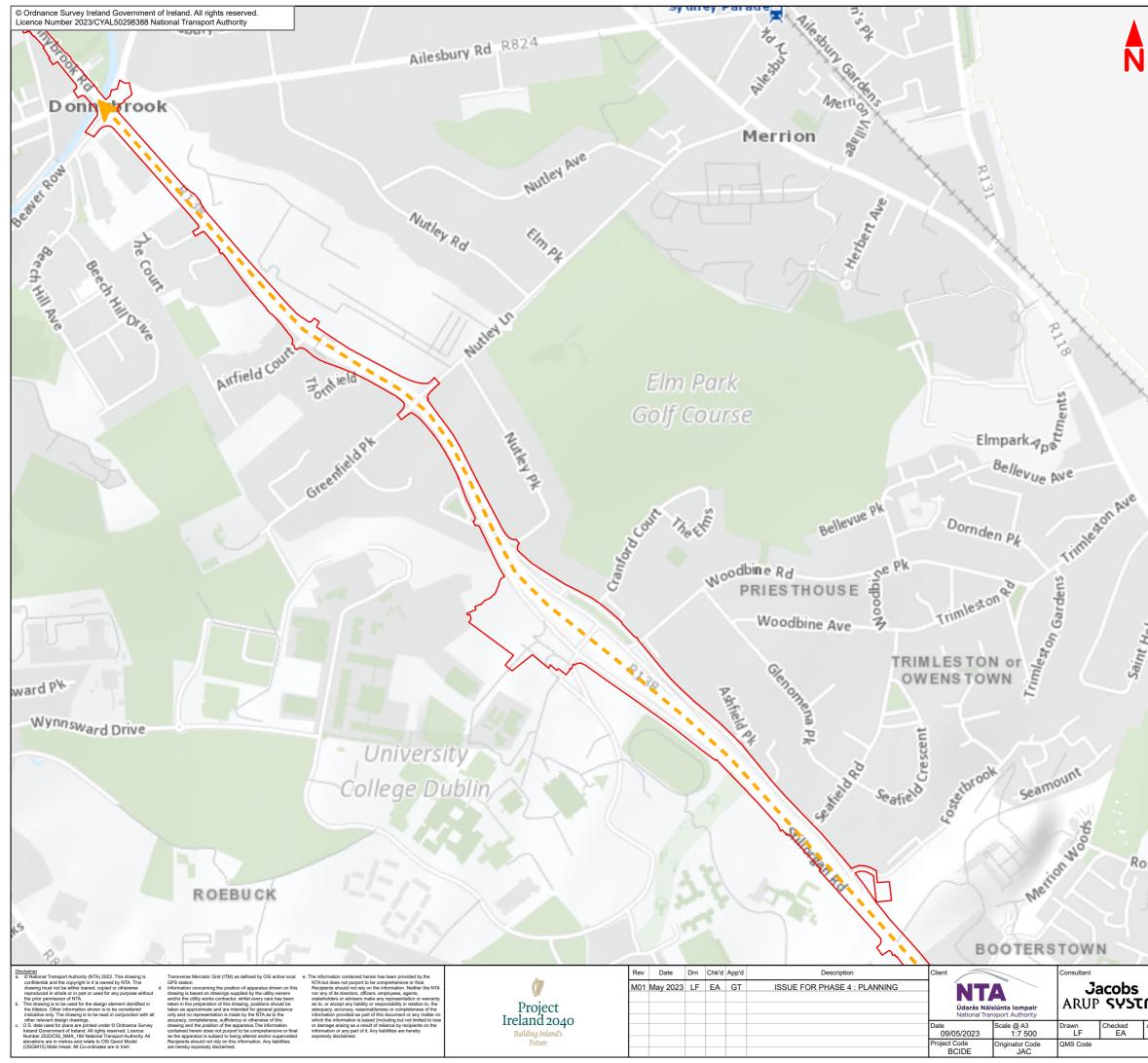




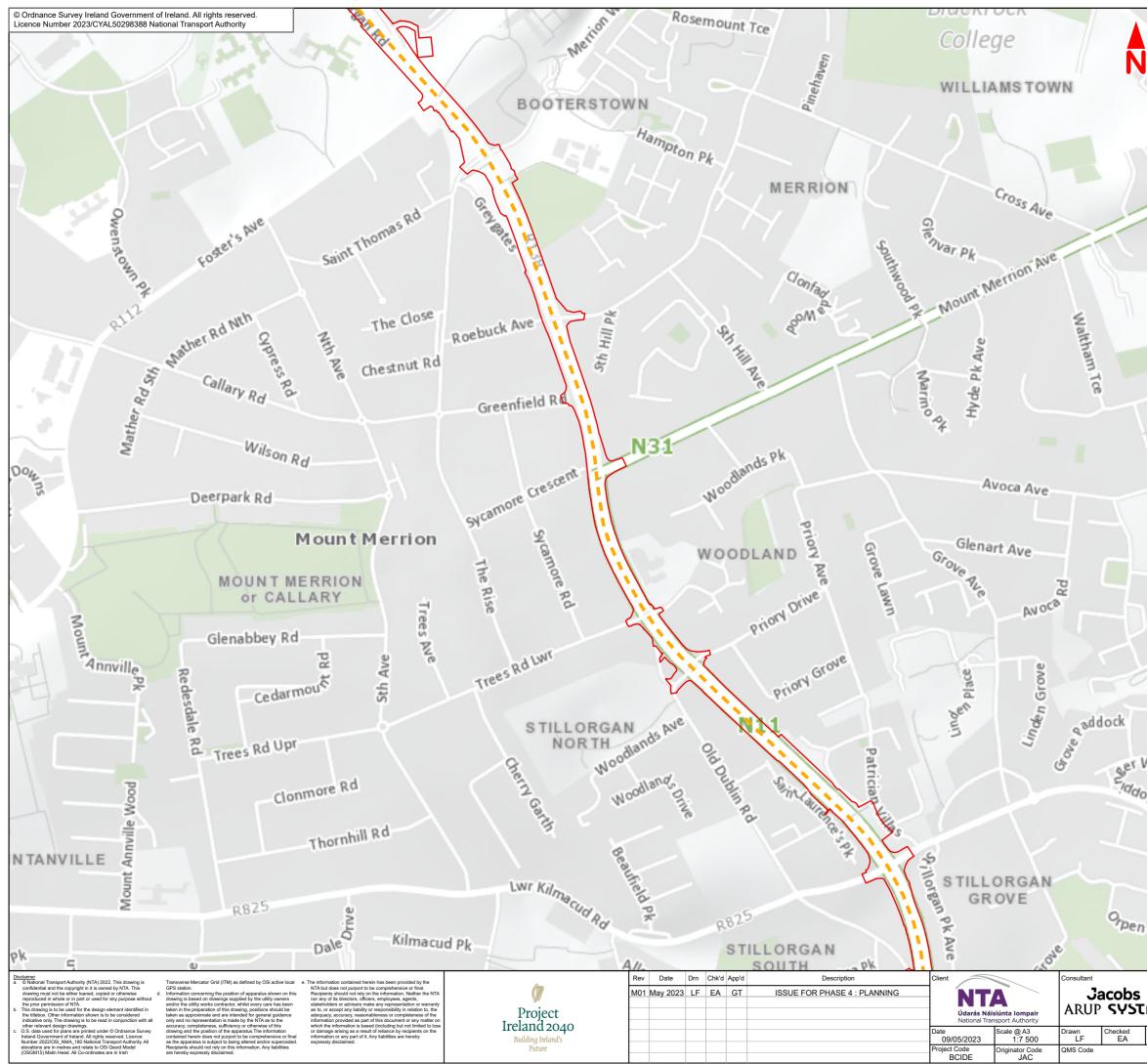
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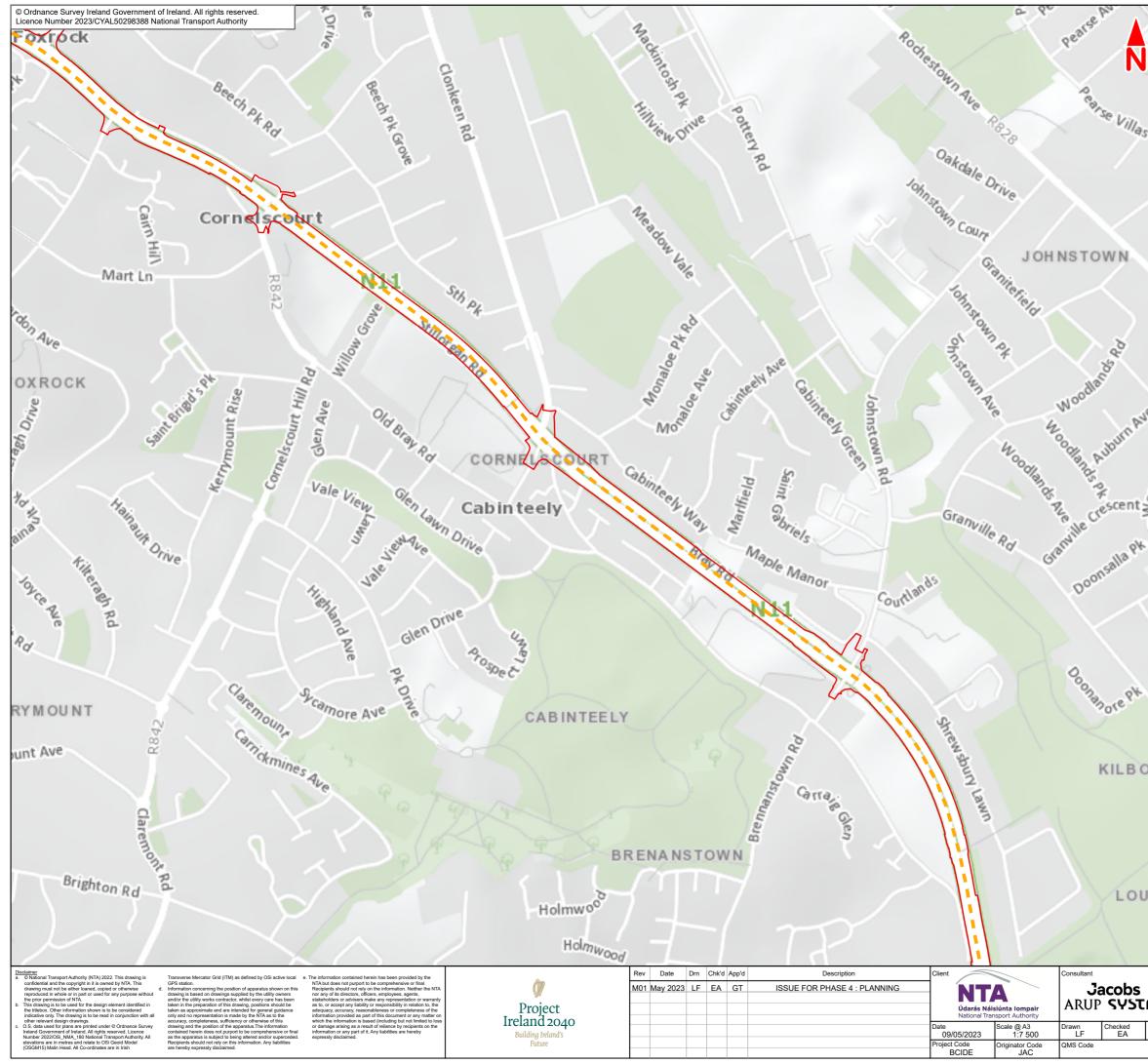
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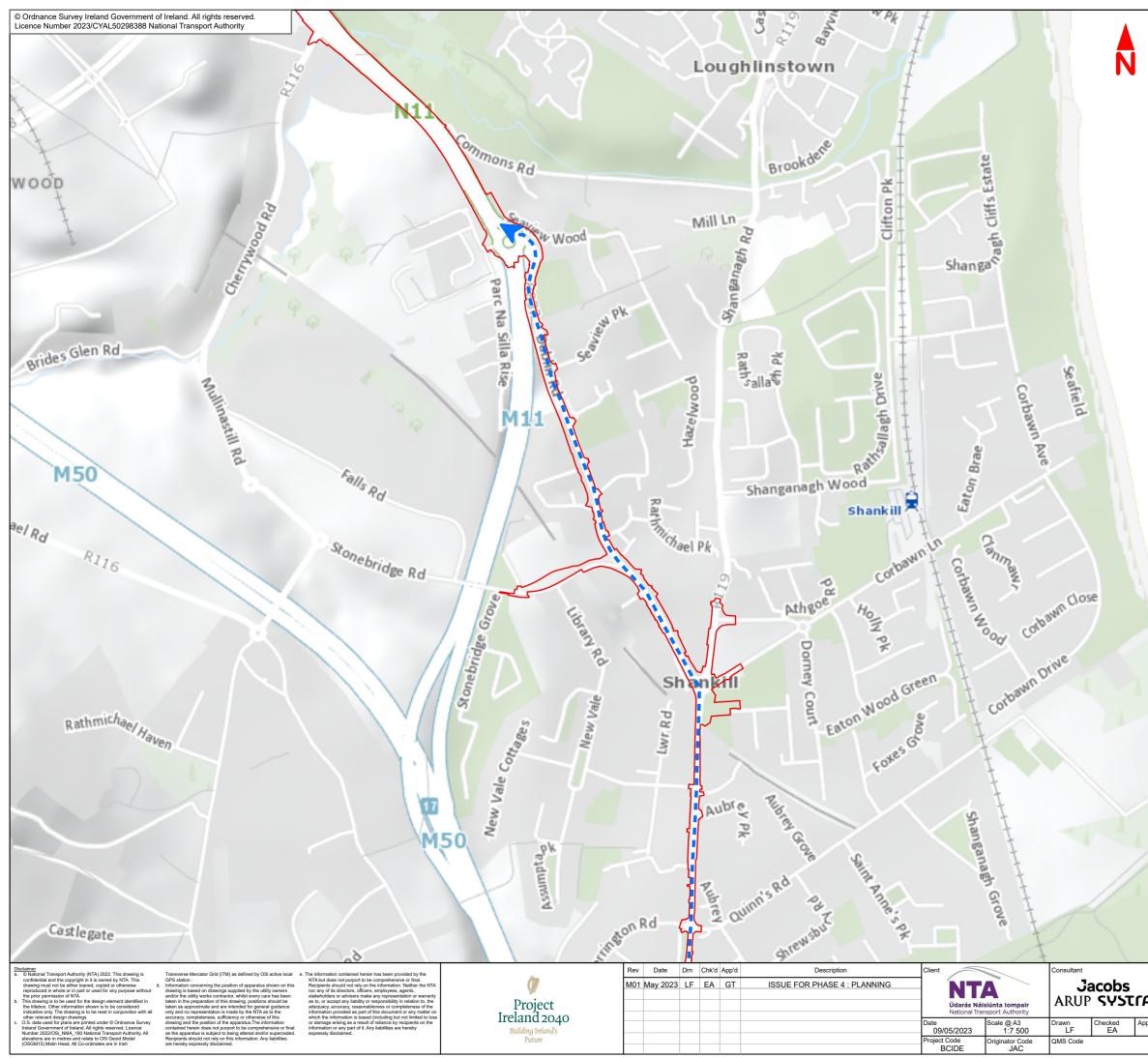
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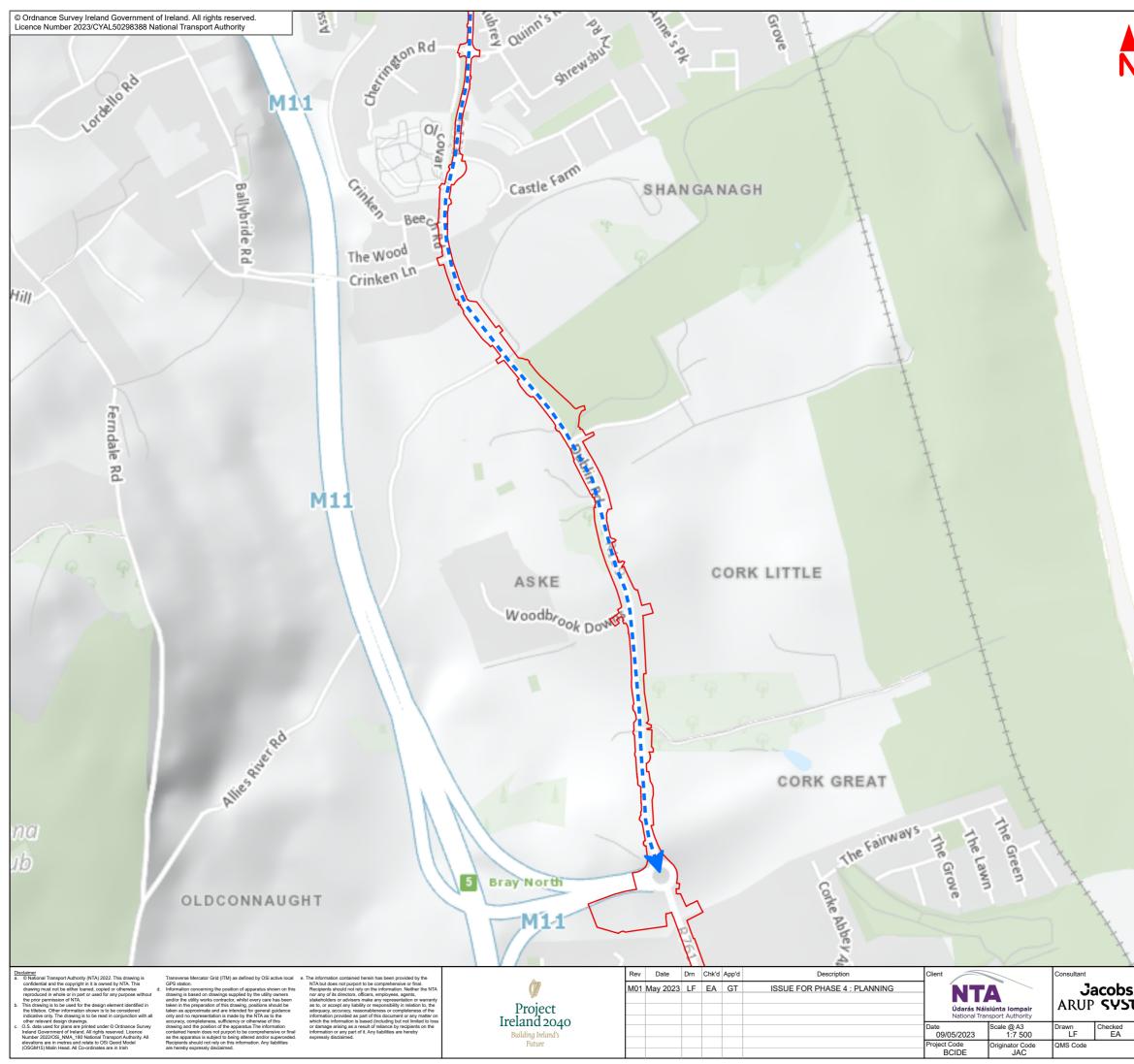


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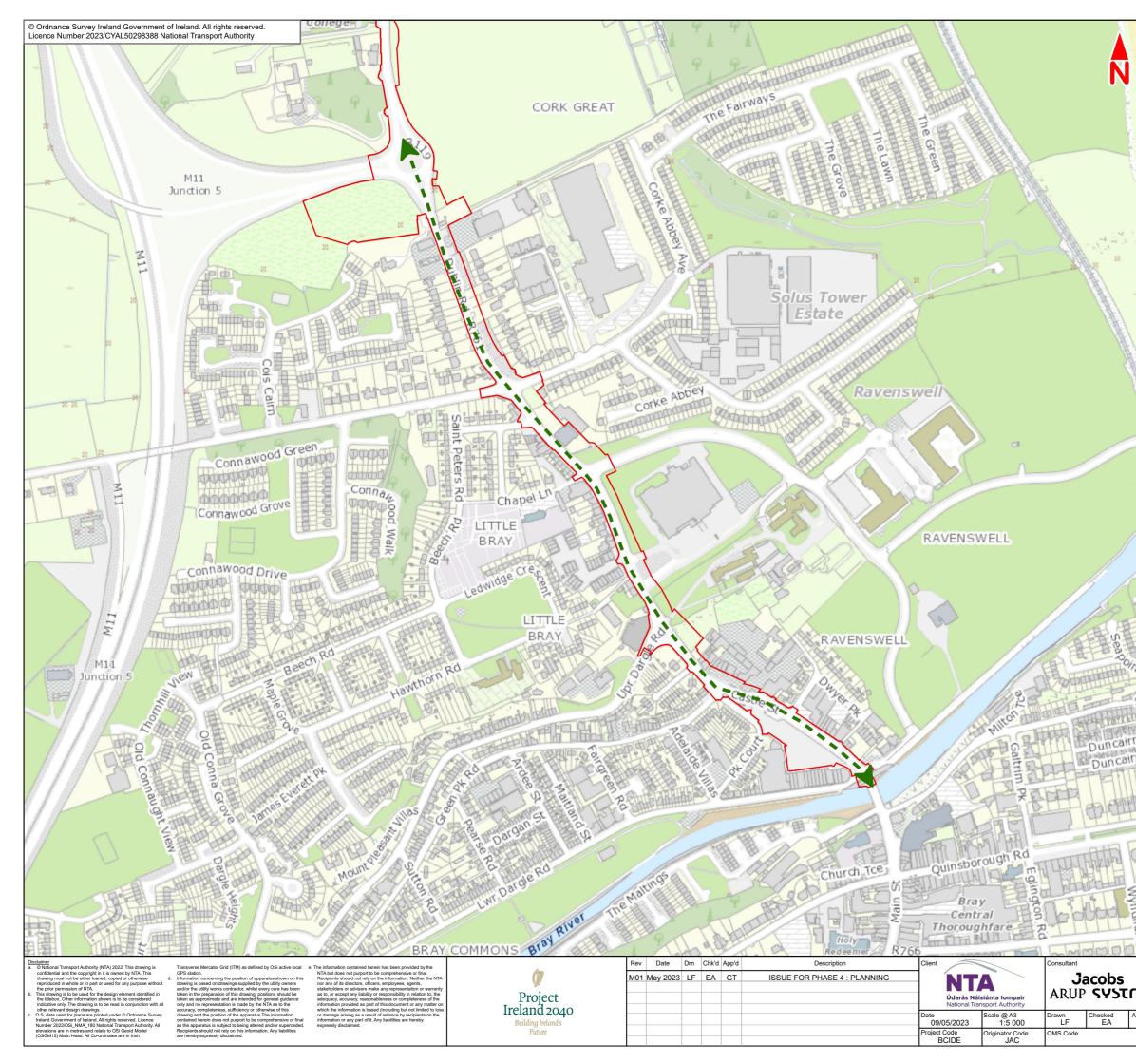


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	Loughlinstown 1 Shankill 1 MSO/M12 2 5 Bray North
	Legend :
	Bray to City Centre Core Bus Corridor Scheme Section 3
	Loughlinstown Roundabout to Bray North (Wilford Roundabout)
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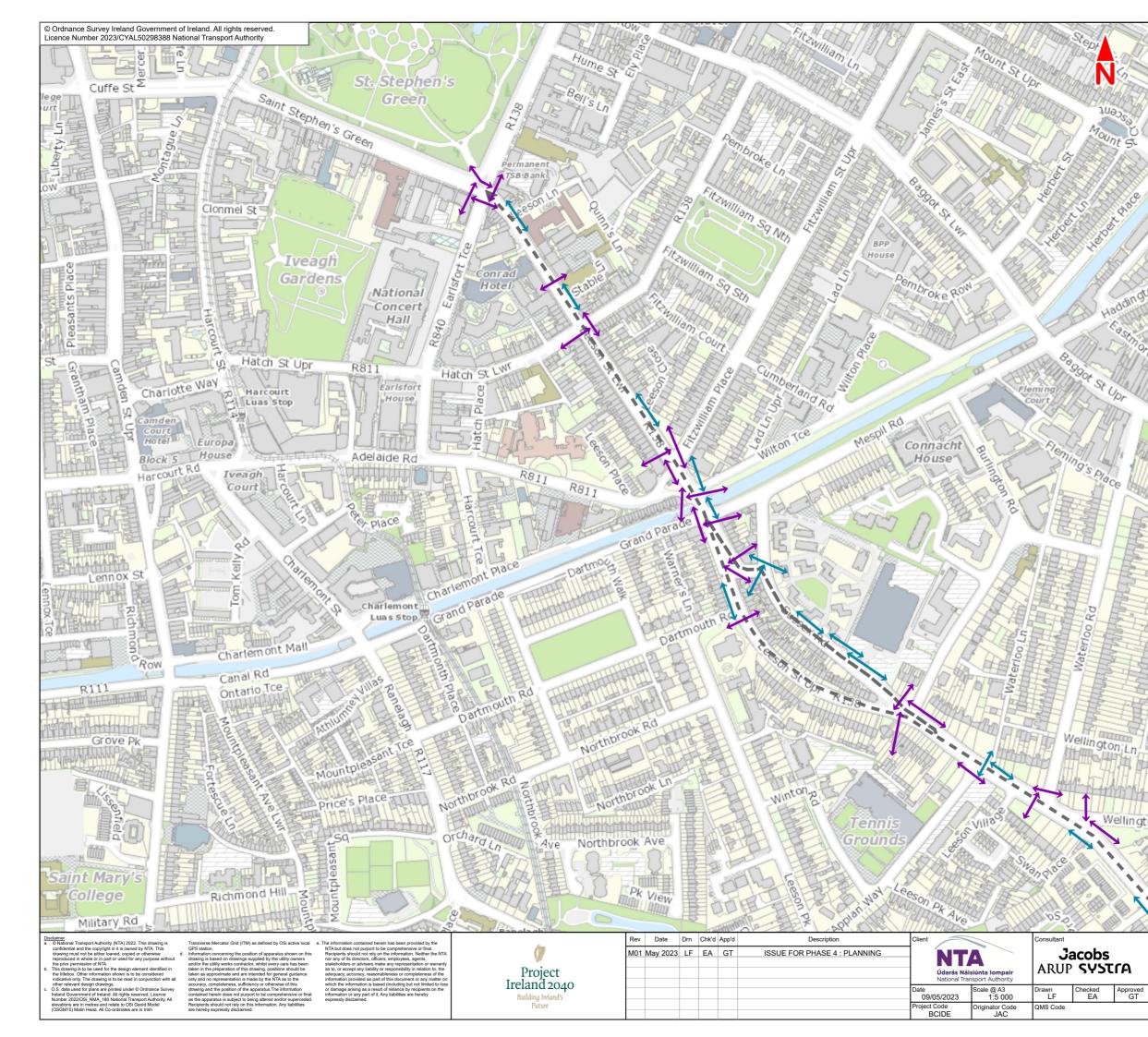


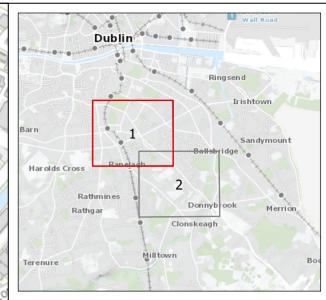
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6.3 Baseline Pedestrian Facilities









Legend :

Section 1

Leeson St to Donnybrook (Anglesea Rd junction) Indicative Existing Pedestrian Crossings

←→ Signalised Crossing

←→ Uncontrolled Crossing

Note 1: Facilities contained within the Bray 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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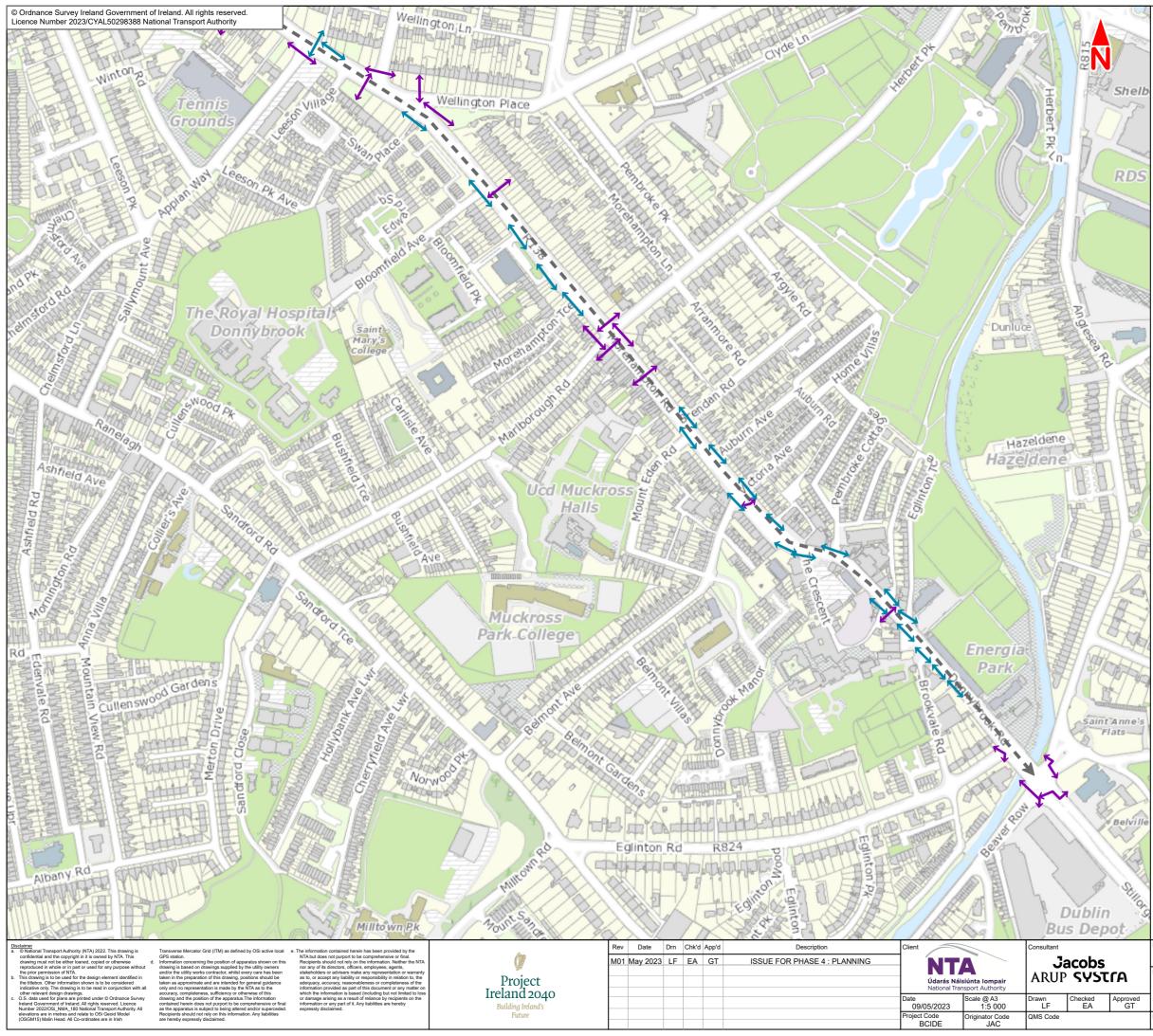
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Bray to City Centre Core Bus Corridor Scheme Figure 6.3a Baseline Pedestrian Facilities

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Legend :

Section 1

Leeson St to Donnybrook (Anglesea Rd junction) Indicative Existing Pedestrian Crossings

←→ Signalised Crossing

←→ Uncontrolled Crossing

Note 1: Facilities contained within the Bray 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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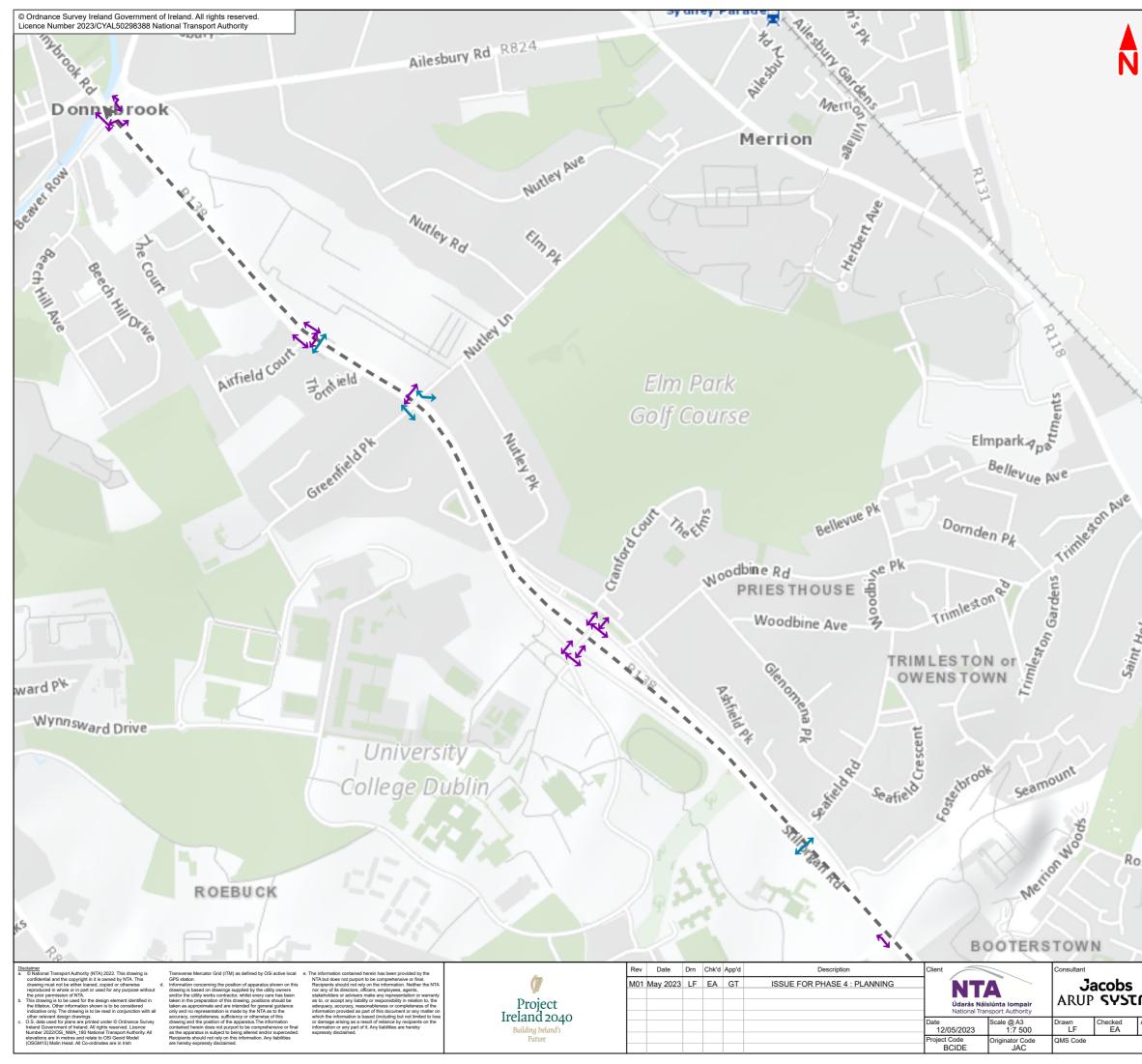
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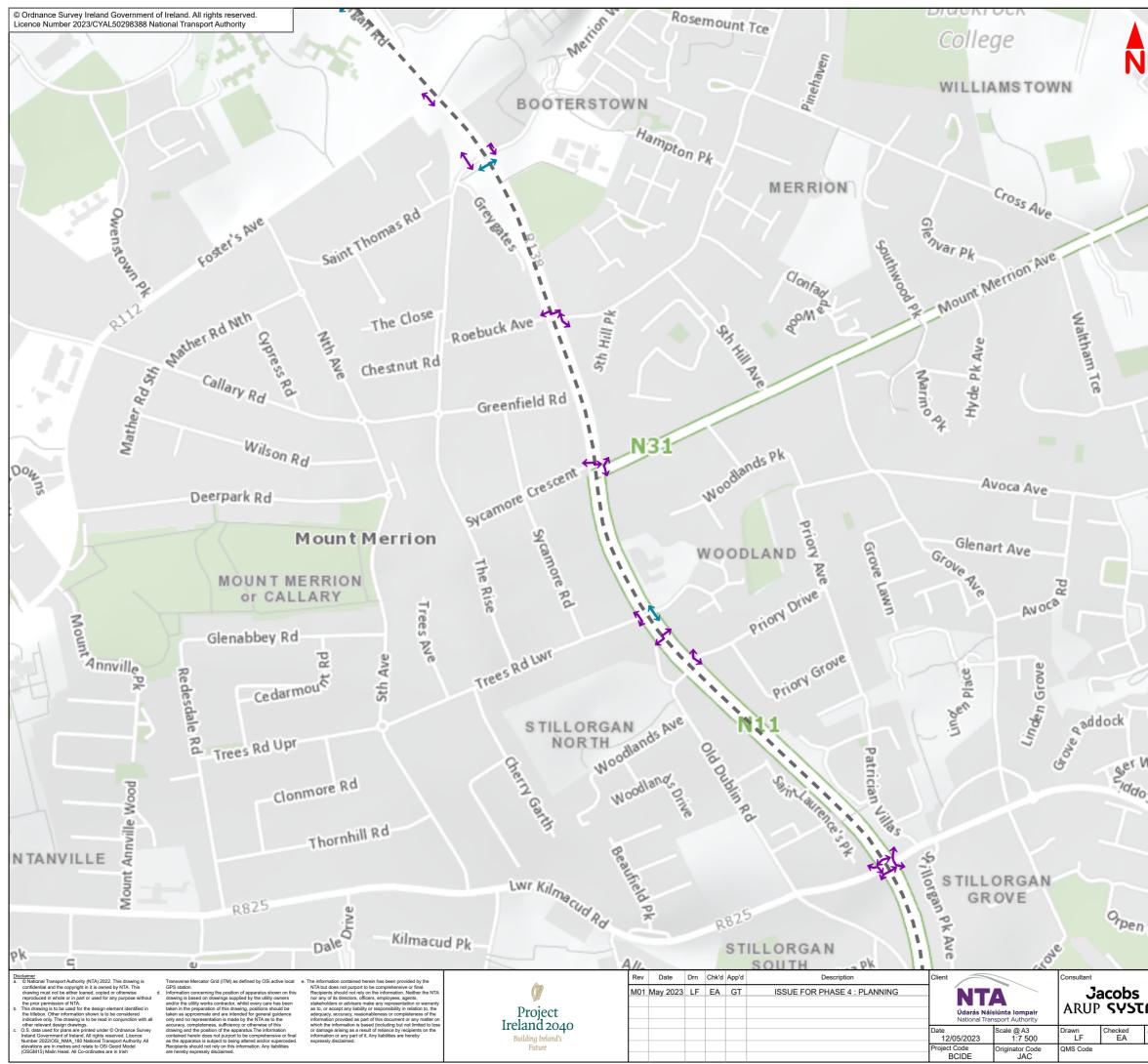
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Bray to City Centre Core Bus Corridor Scheme Figure 6.3a Baseline Pedestrian Facilities

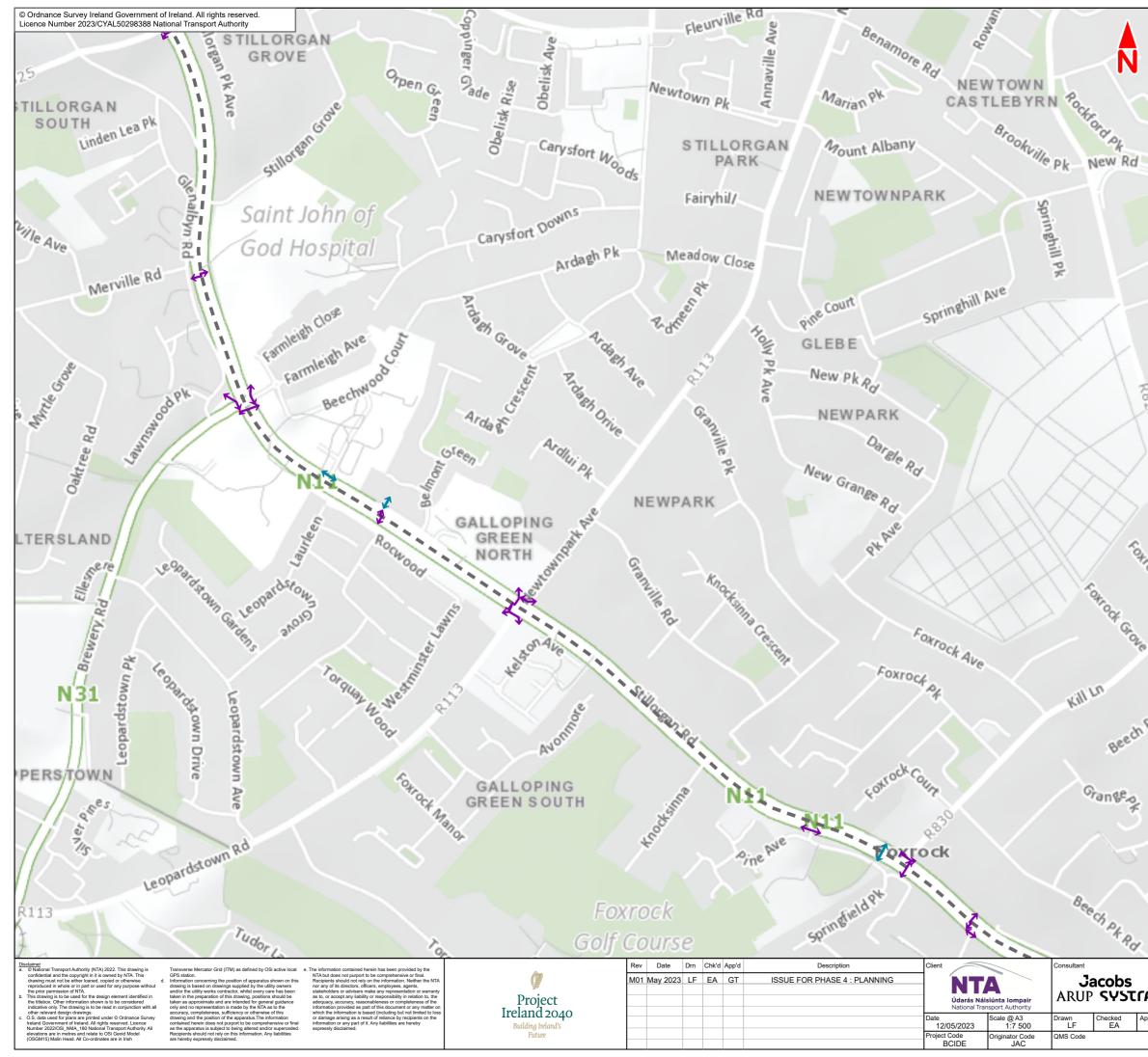
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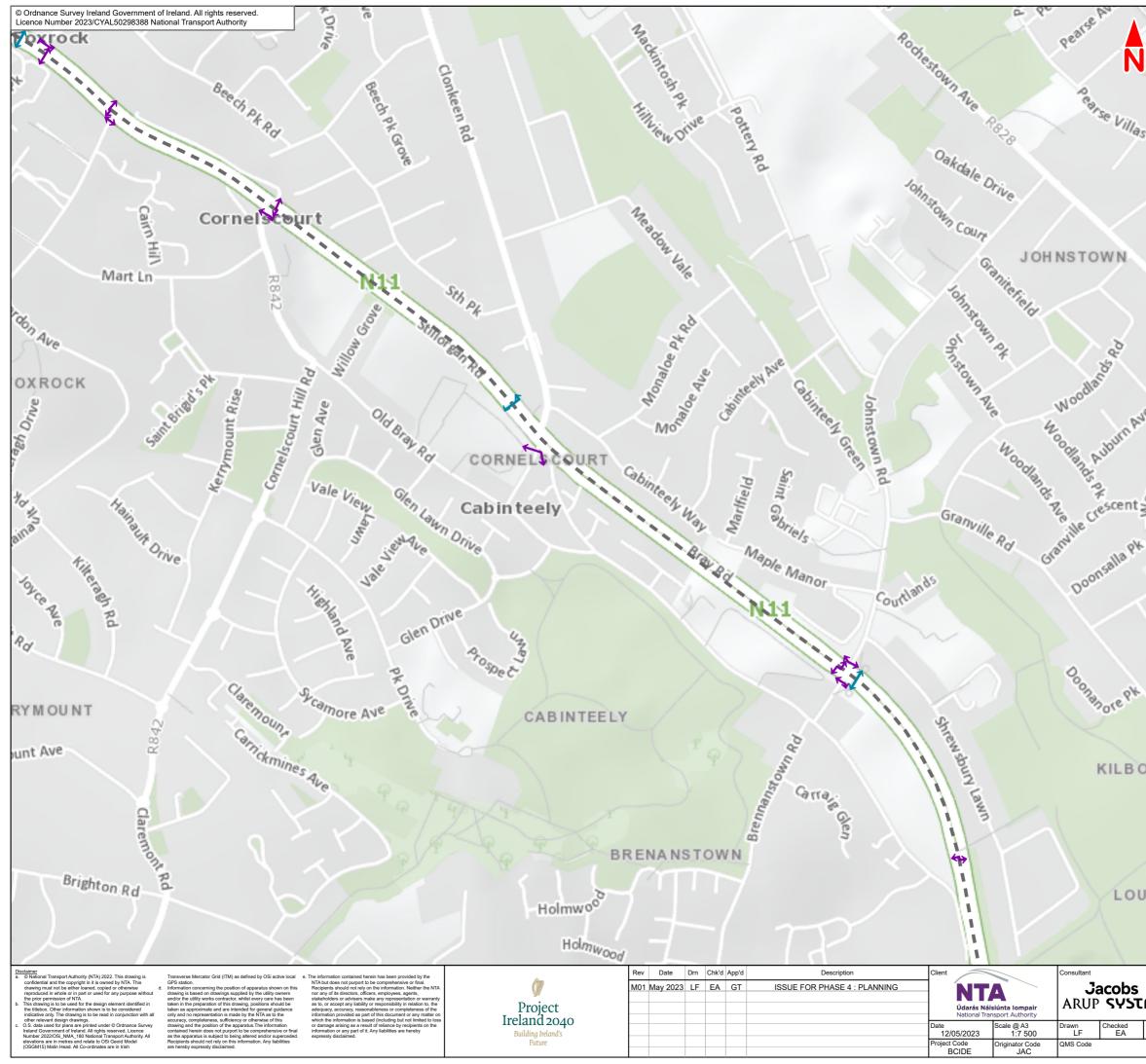
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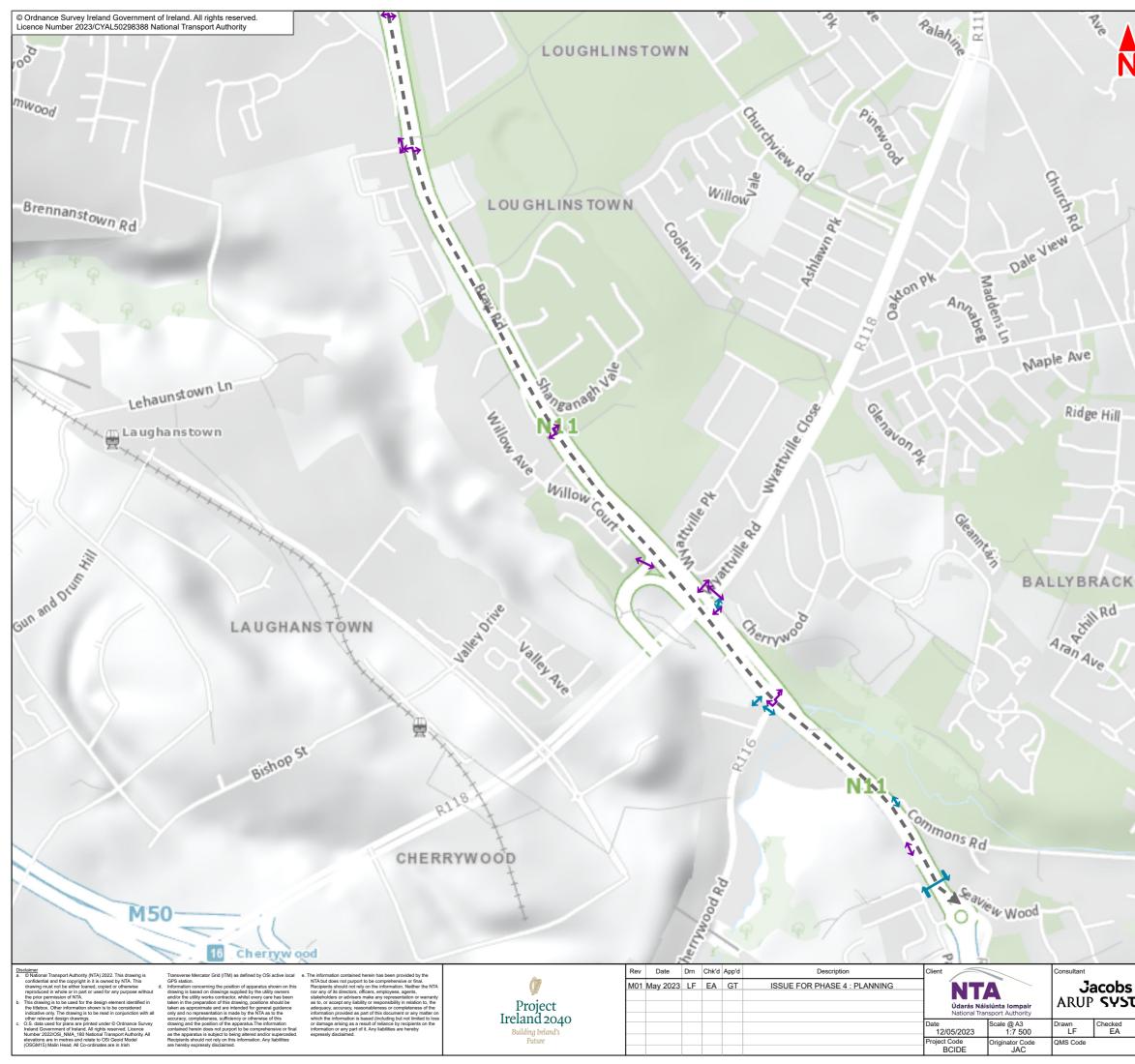
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- 2	This drawing is not to be used in whole or in part other than for the intended purpose and project as defined on this drawing. Contains Irish Public Sector Data licensed
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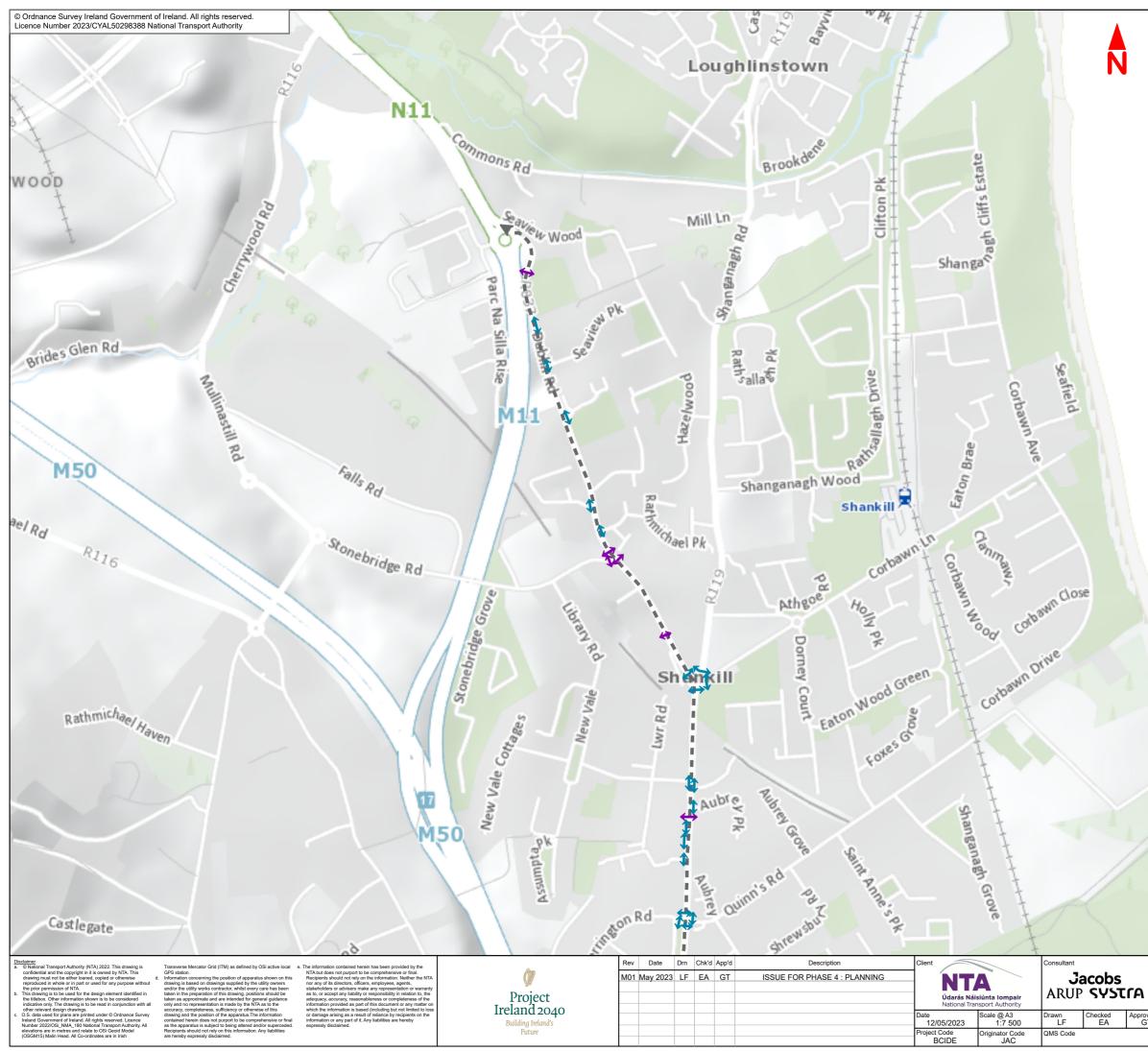
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	Dundrum Glasthule N113 of The Sallynoggin Dalker Grange Stepaside Cabindreely Killiney
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$\langle \rangle$	 Donnybrook (Anglesea Rd junction) to Loughlinstown Roundabout Indicative Existing Pedestrian Crossings
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282	← Uncontrolled Crossing
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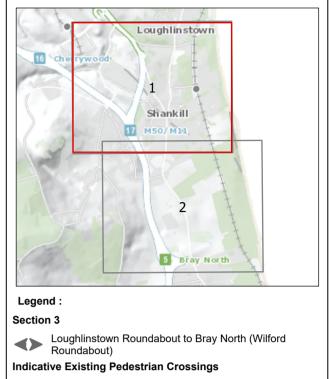
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	Dundrum Glasthule
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	Inteer Sandyford
	Cabindeety Killiney
Shank	N11
ang	M50 S Ballybrack
	Three Rock Mountain
	Legend :
	Section 2
	Donnybrook (Anglesea Rd junction) to Loughlinstown Roundabout
	Indicative Existing Pedestrian Crossings
	←→ Signalised Crossing
	←→ Uncontrolled Crossing
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Approved	Figure 6.3b Baseline Pedestrian Facilities
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- ←→ Signalised Crossing
- ←→ Uncontrolled Crossing

Note 1: Facilities contained within the Bray 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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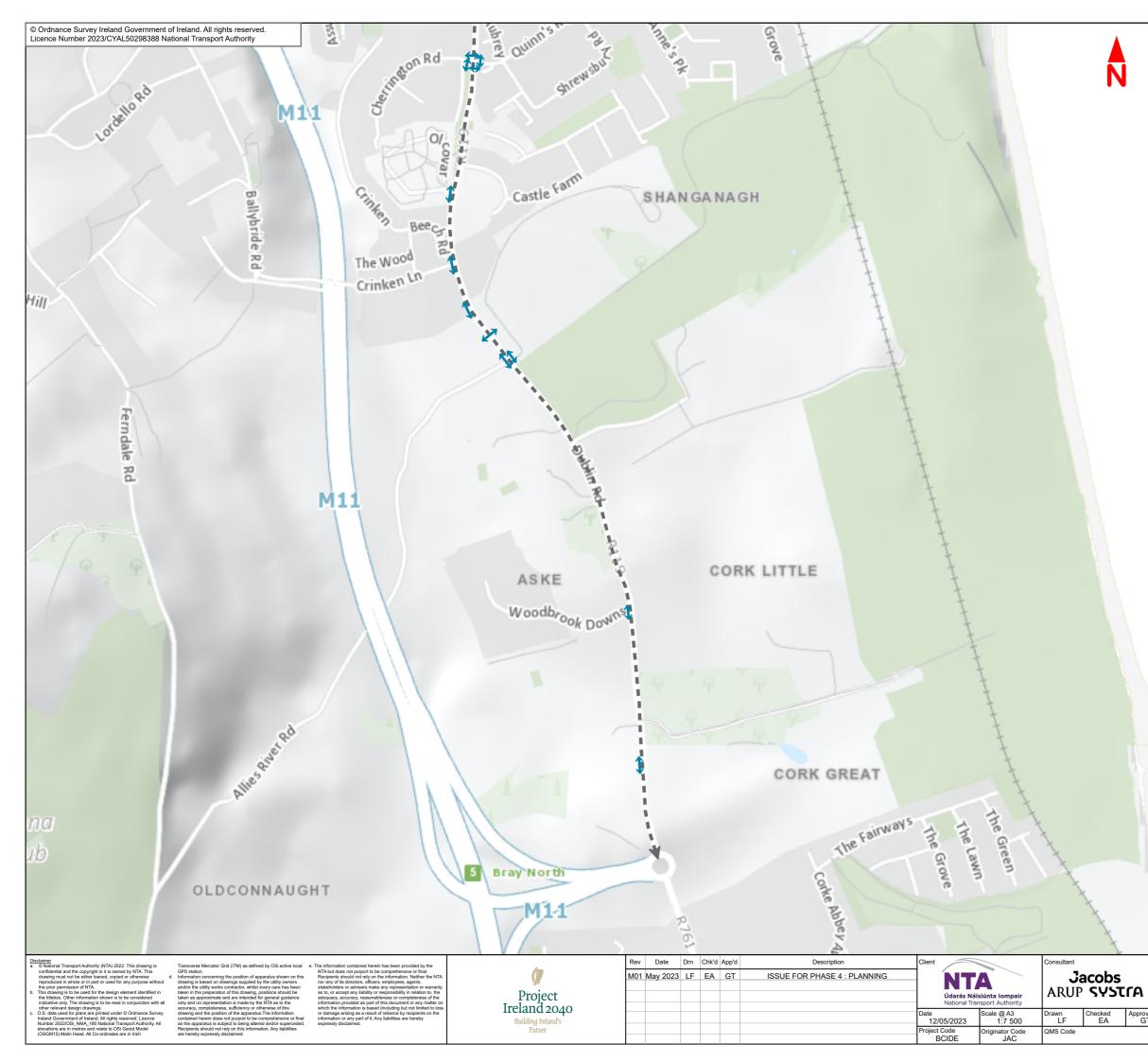
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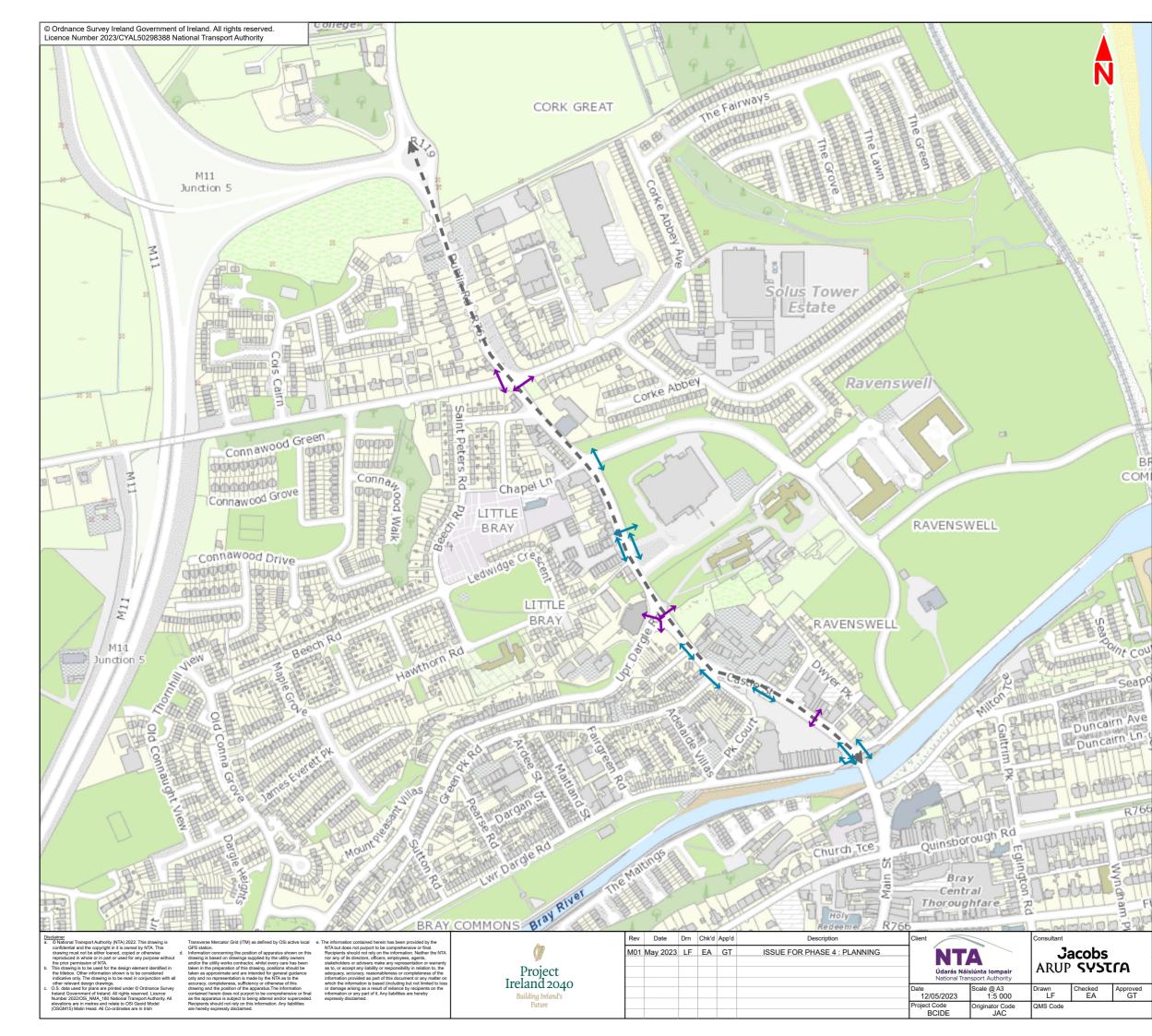
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Bray to City Centre Core Bus Corridor Scheme Figure 6.3c Baseline Pedestrian Facilities

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	Loughlinstown
	16 Cherrywood
	Shankill 17 MSO/Mba
	17 M50/M14,
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	5 Bray North
	Legend : Section 3
	Loughlinstown Roundabout to Bray North (Wilford Roundabout)
	Indicative Existing Pedestrian Crossings
	← Signalised Crossing
	←→ Uncontrolled Crossing
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	Note 1: Facilities contained within the Bray to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown
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	Drawing Title Bray to City Centre Core Bus Corridor Scheme
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2 m Cont
5 Bray North
M11 Bray
6 Bray Central

Legend : Section 4

Bray North (Wilford Roundabout) to Bray South (Fran O'Toole Bridge)

Indicative Existing Pedestrian Crossings

- ←→ Signalised Crossing

←→ Uncontrolled Crossing

Note 1: Facilities contained within the Bray 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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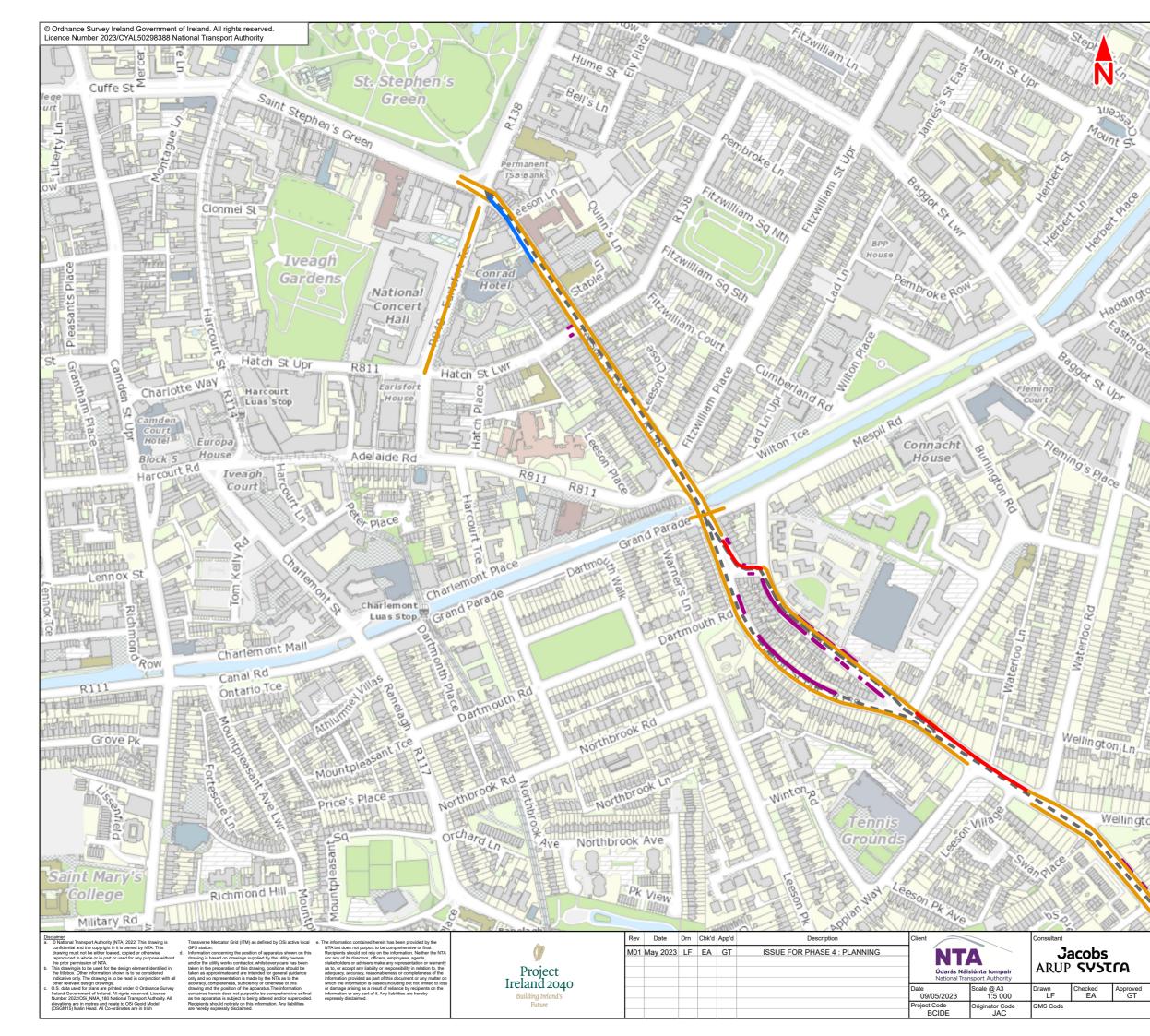
Bray to City Centre Core Bus Corridor Scheme Figure 6.3d Baseline Pedestrian Facilities

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6.4 Baseline Cycle Facilities









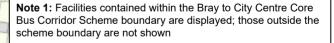
Legend :

Section 1

Leeson St to Donnybrook (Anglesea Rd junction)

Cycle Facilities

- Combined Bus and Cycle Lane
- Cycle Track
- Cycle Lane
- Existing Cycle Parking



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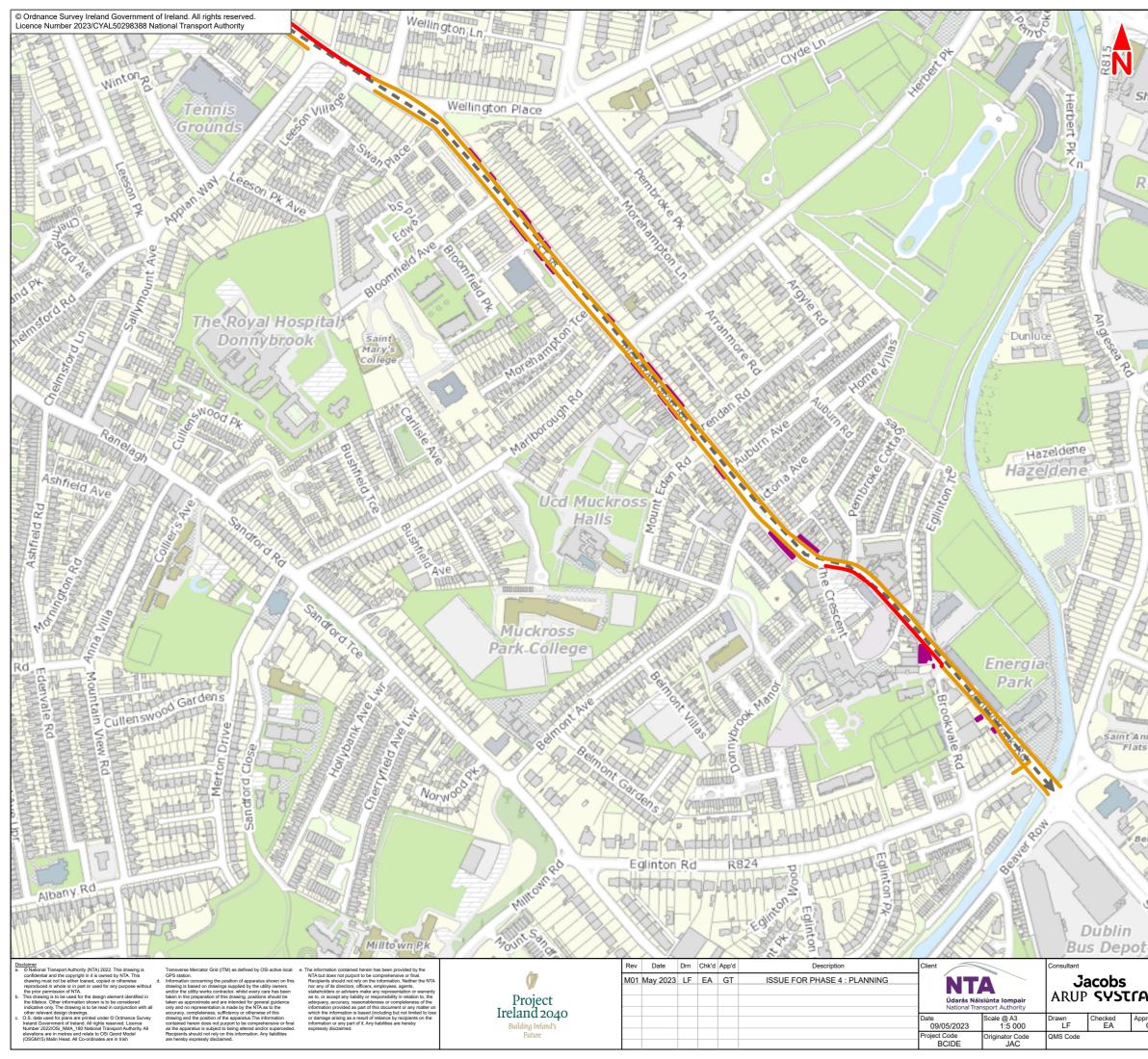
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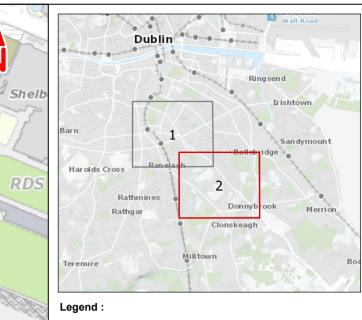
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Bray to City Centre Core Bus Corridor Scheme

Figure 6.4a Baseline Cycle Facilities

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Section 1

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Leeson St to Donnybrook (Anglesea Rd junction)

Cycle Facilities

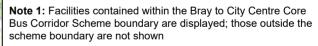
- Combined Bus and Cycle Lane
- Cycle Lane
- Existing Cycle Parking



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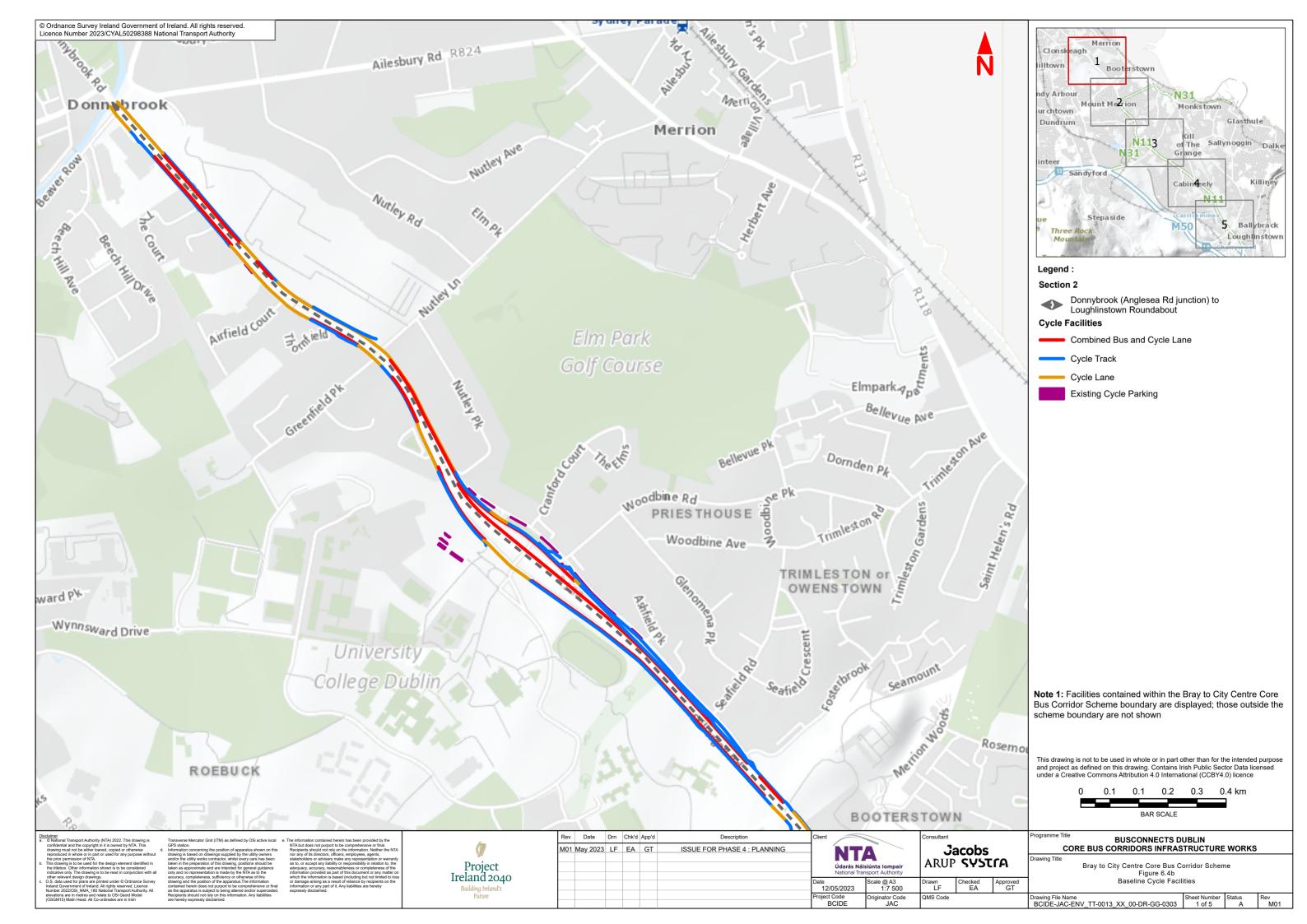
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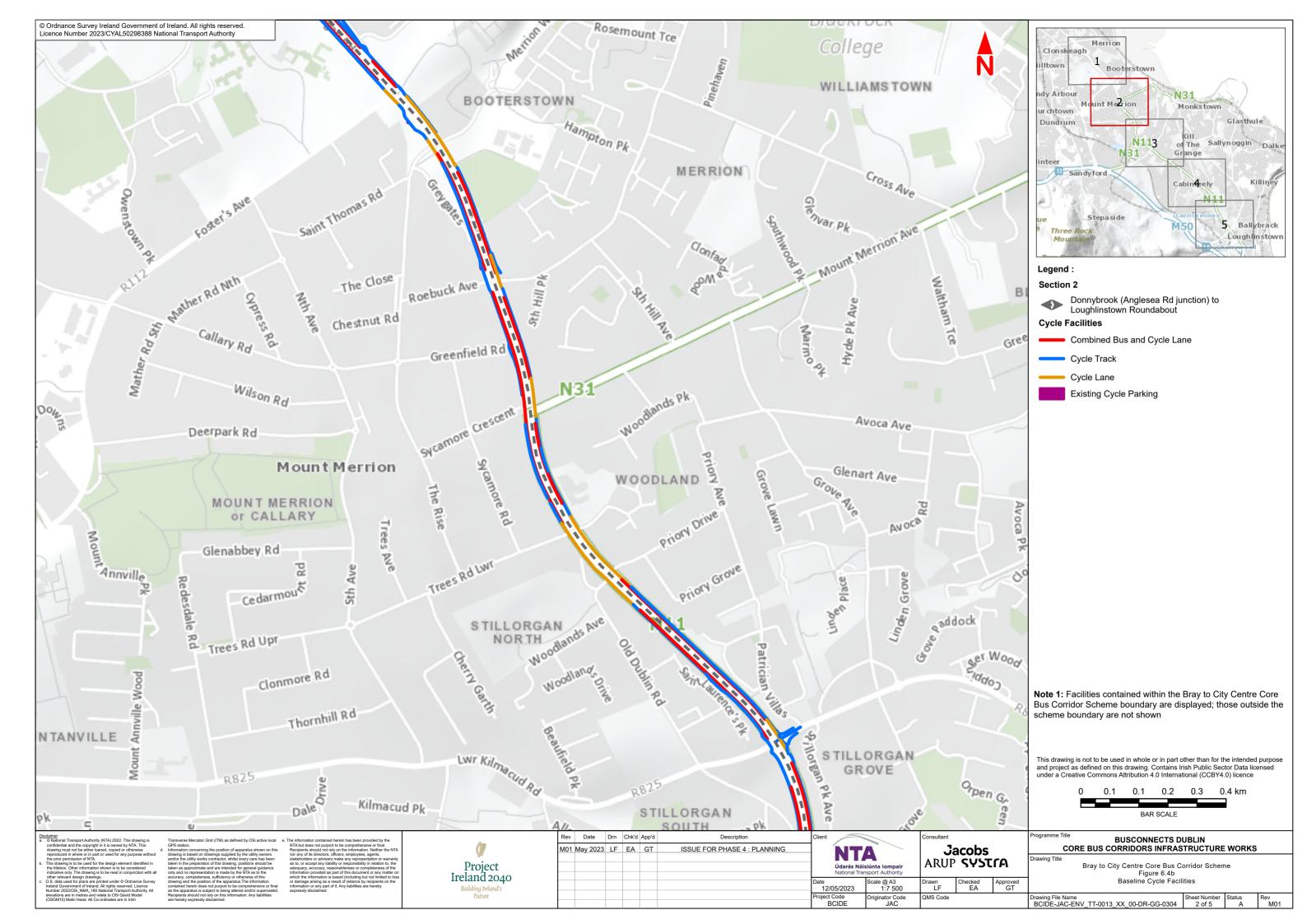
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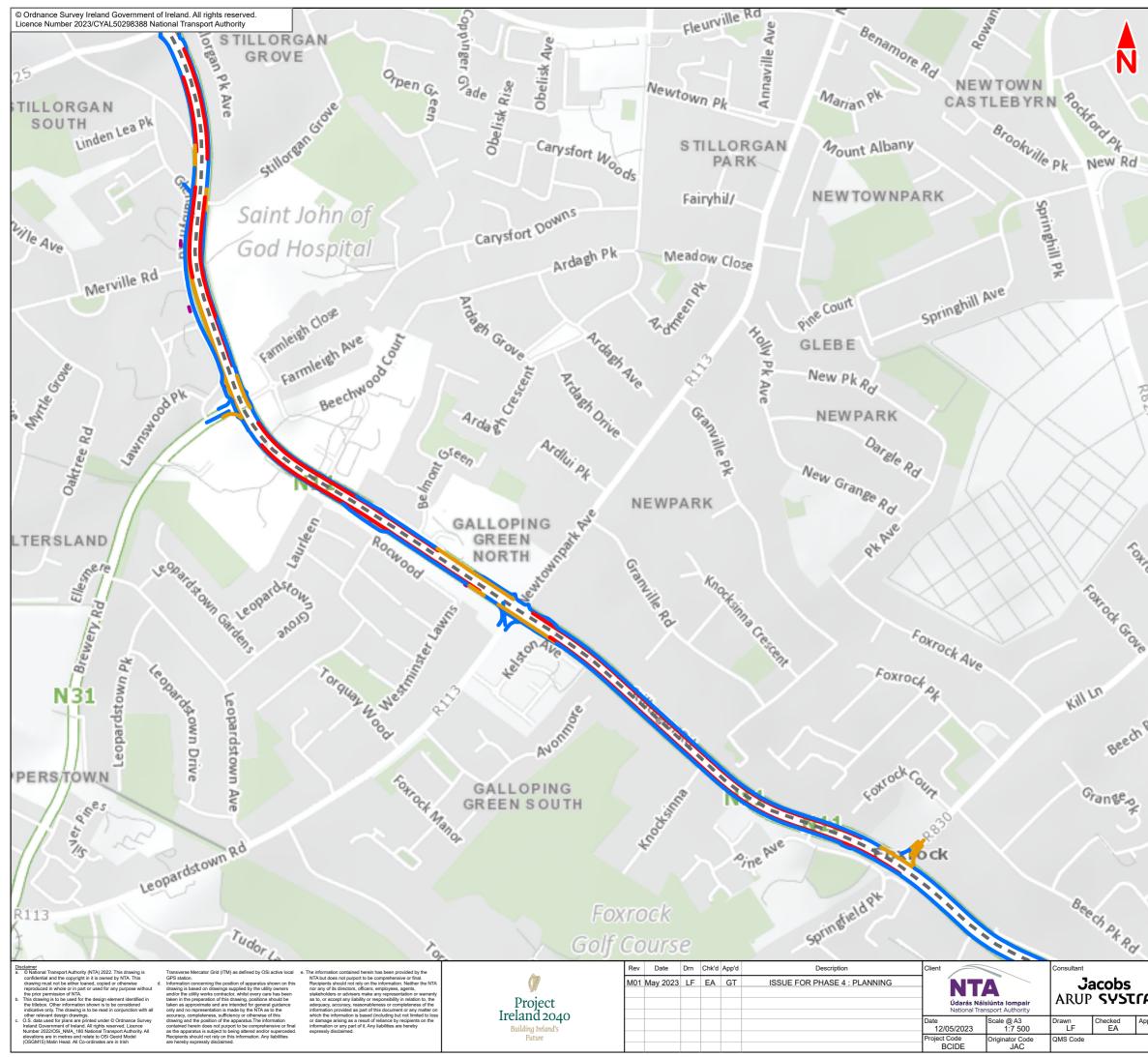
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		Bray to City Centre Core Bus Corridor Scheme

ntre Core Bus Corridor Scheme Figure 6.4a Baseline Cycle Facilities

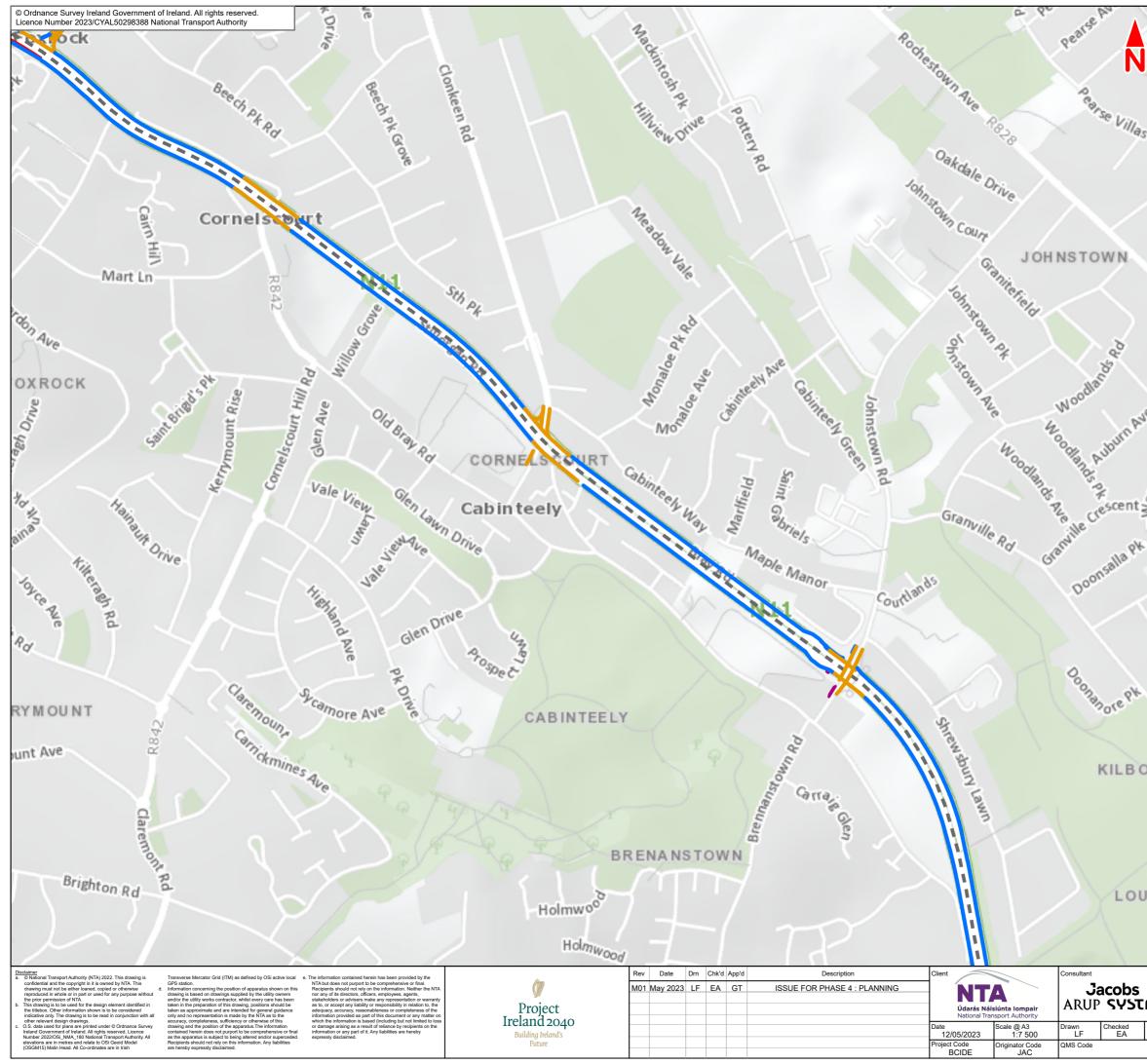
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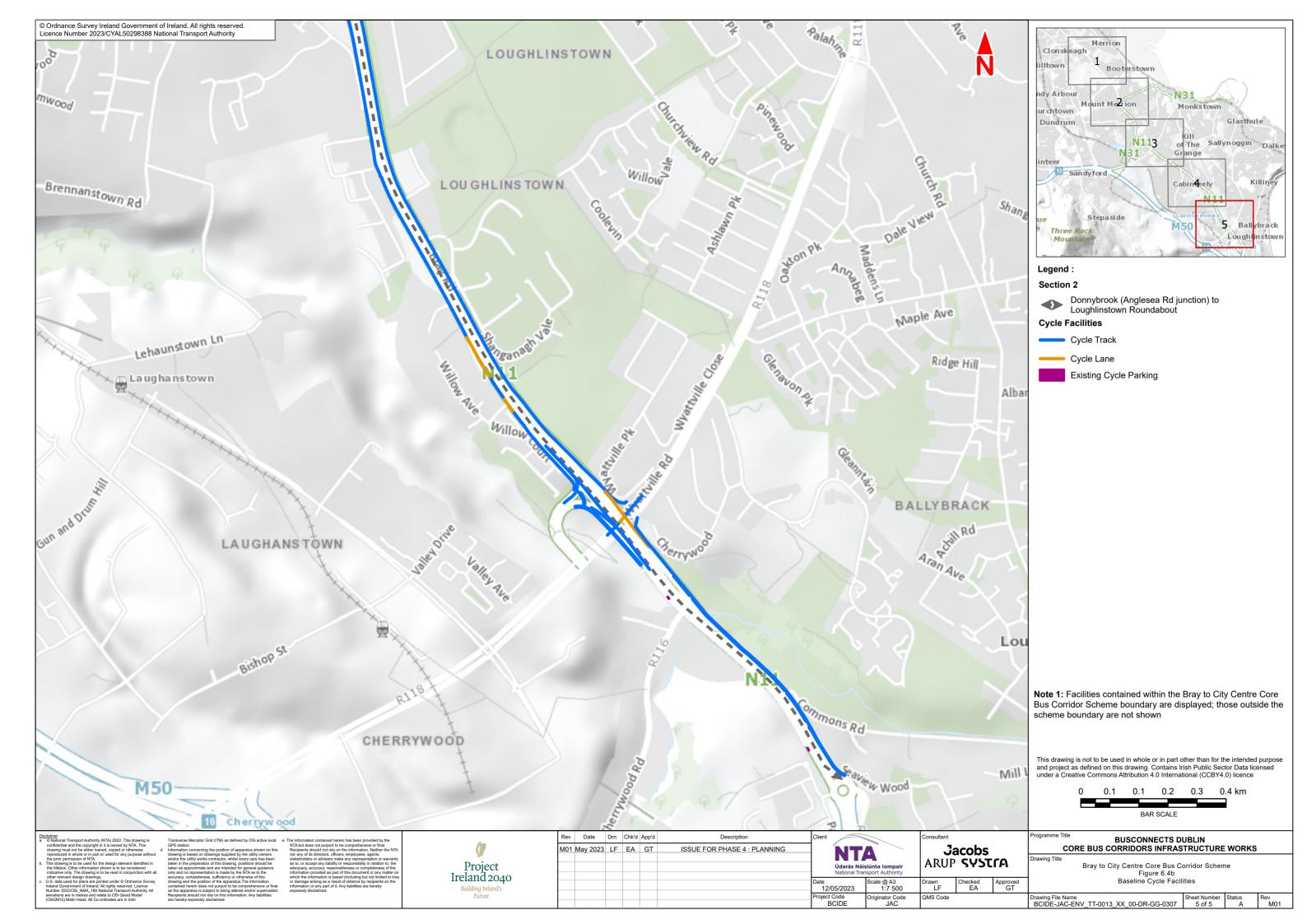




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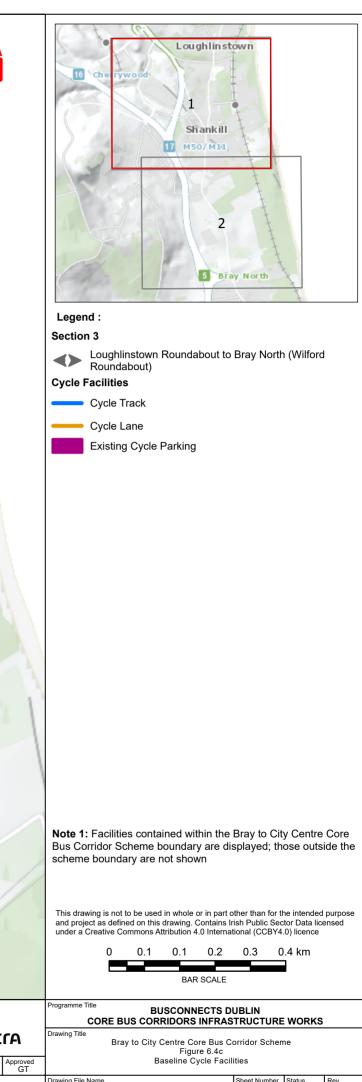


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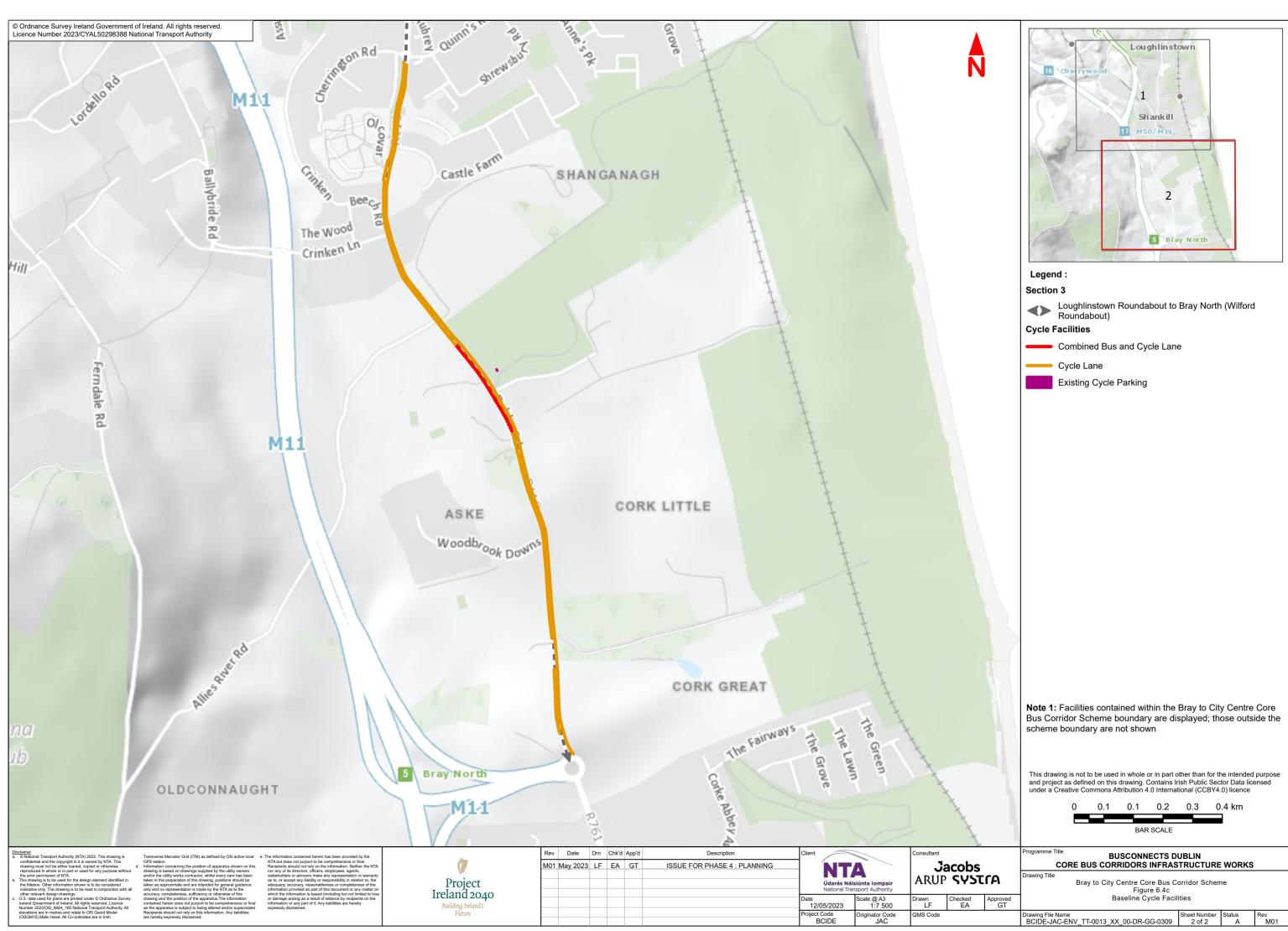




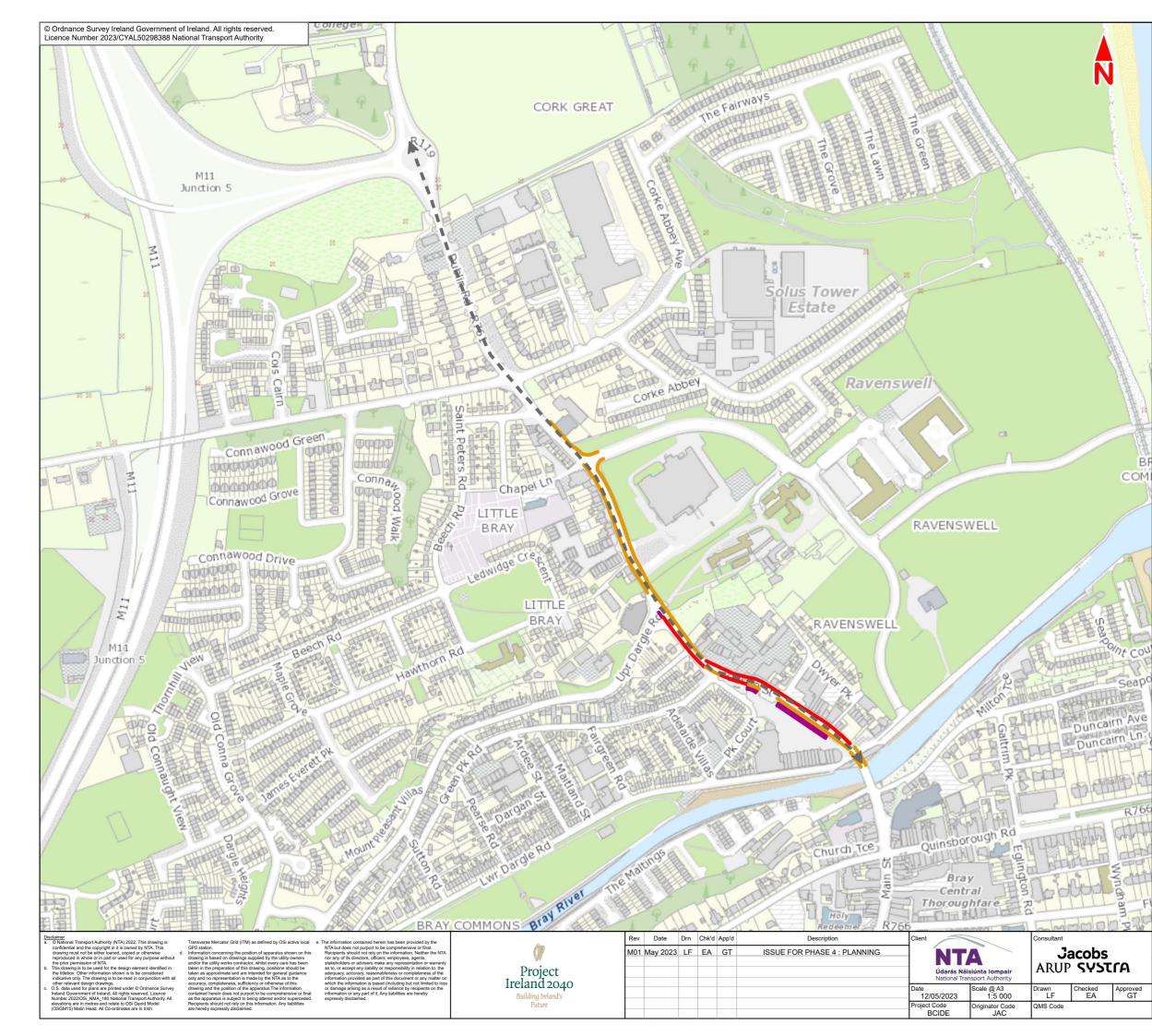




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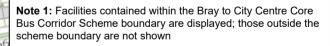


5 Bray North
Cartan 1
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Legend :
Section 4

- Bray North (Wilford Roundabout) to Bray South (Fran O'Toole Bridge) \checkmark

Cycle Facilities

- Combined Bus and Cycle Lane
- Cycle Lane
- Existing Cycle Parking



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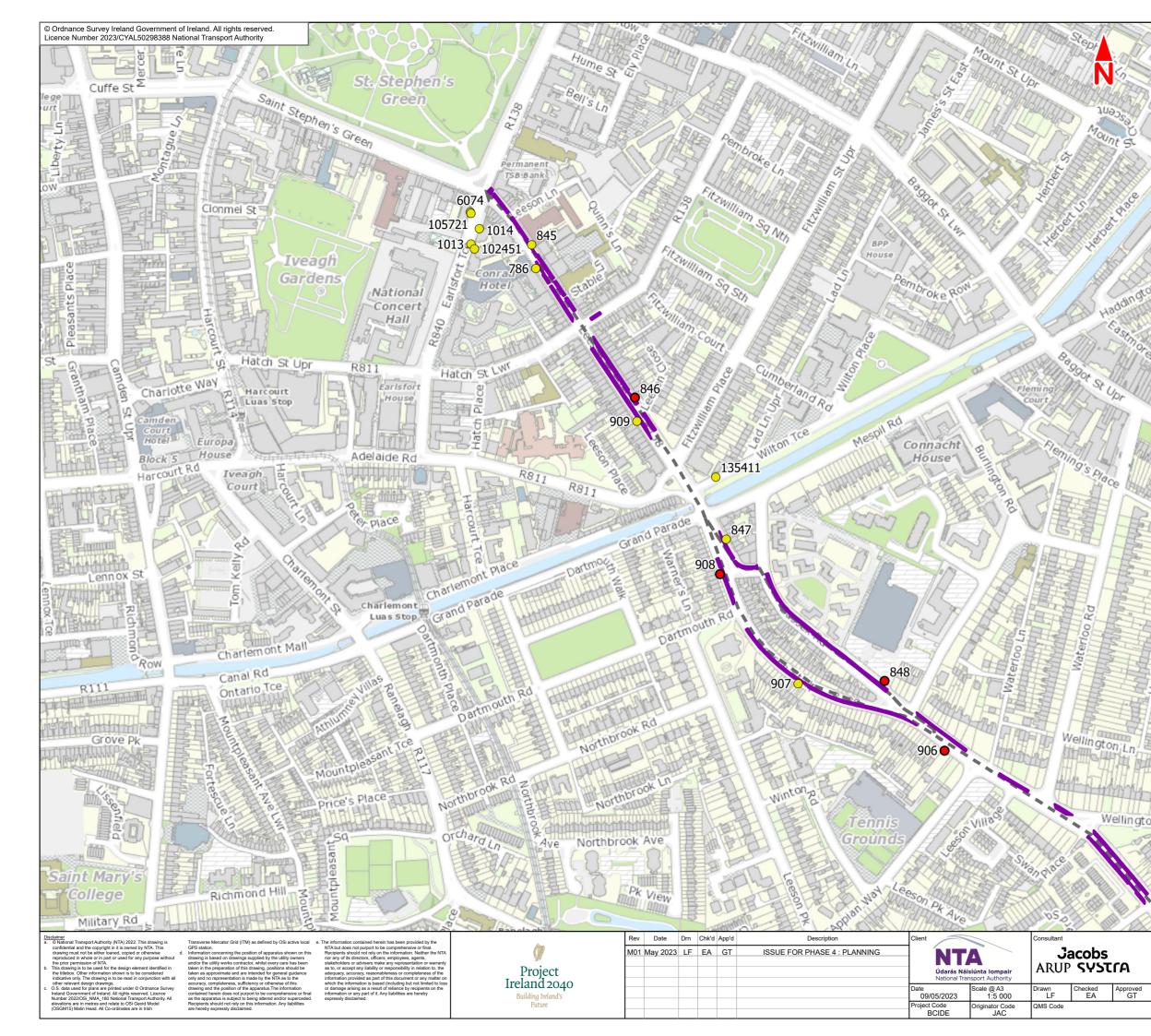
Bray to City Centre Core Bus Corridor Scheme Figure 6.4d Baseline Cycle Facilities

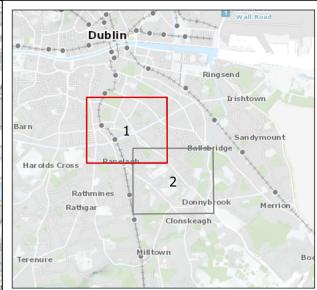
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6.5 Baseline Bus Facilities









Legend :

Section 1

Leeson St to Donnybrook (Anglesea Rd junction)

Bus Facilities

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

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

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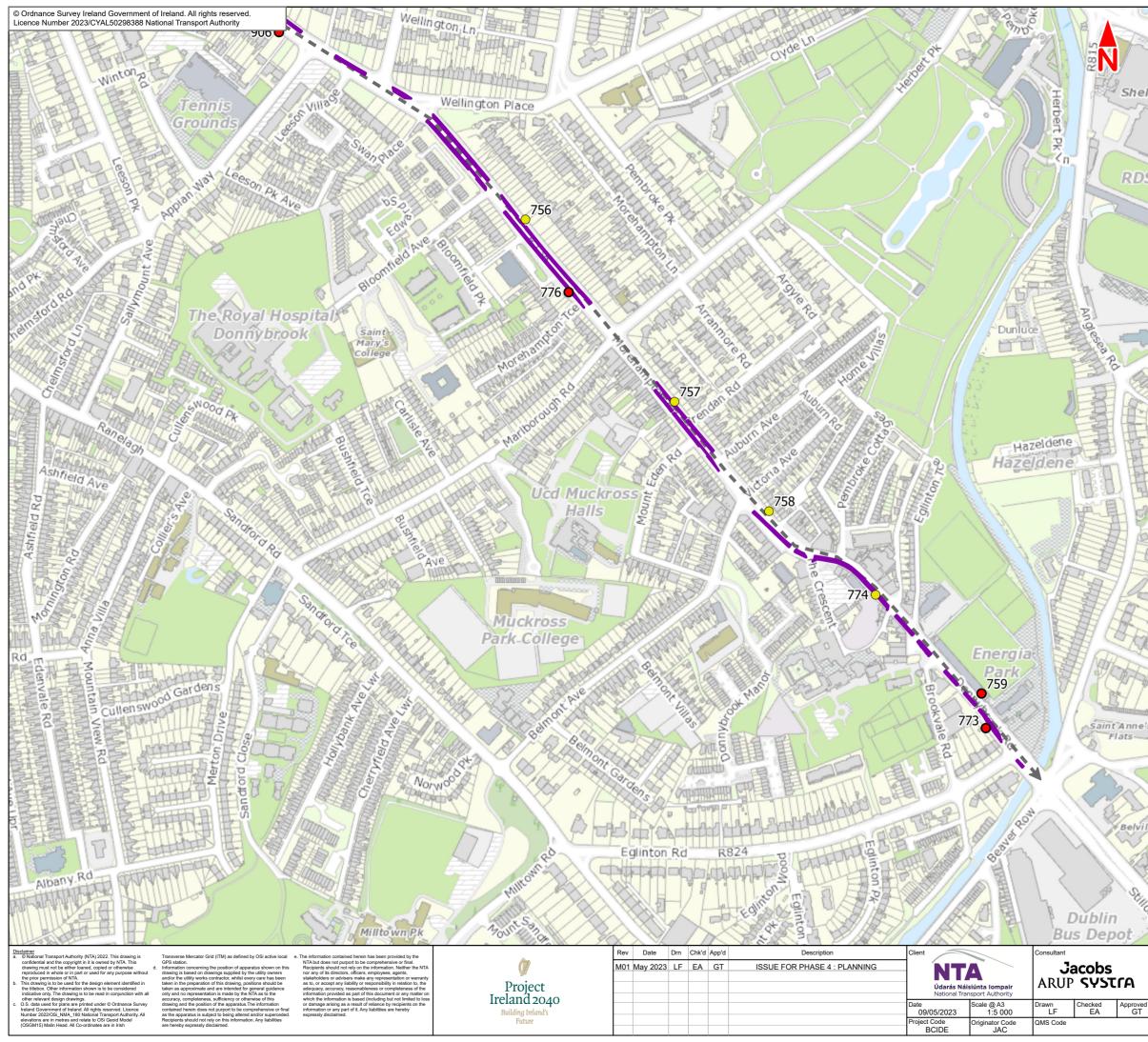
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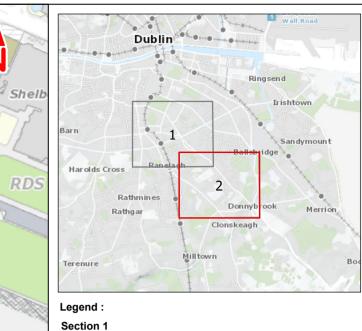
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Bray to City Centre Core Bus Corridor Scheme Figure 6.5a

Figure 6.5a Baseline Bus Facilities

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Leeson St to Donnybrook (Anglesea Rd junction)

Bus Facilities

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



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

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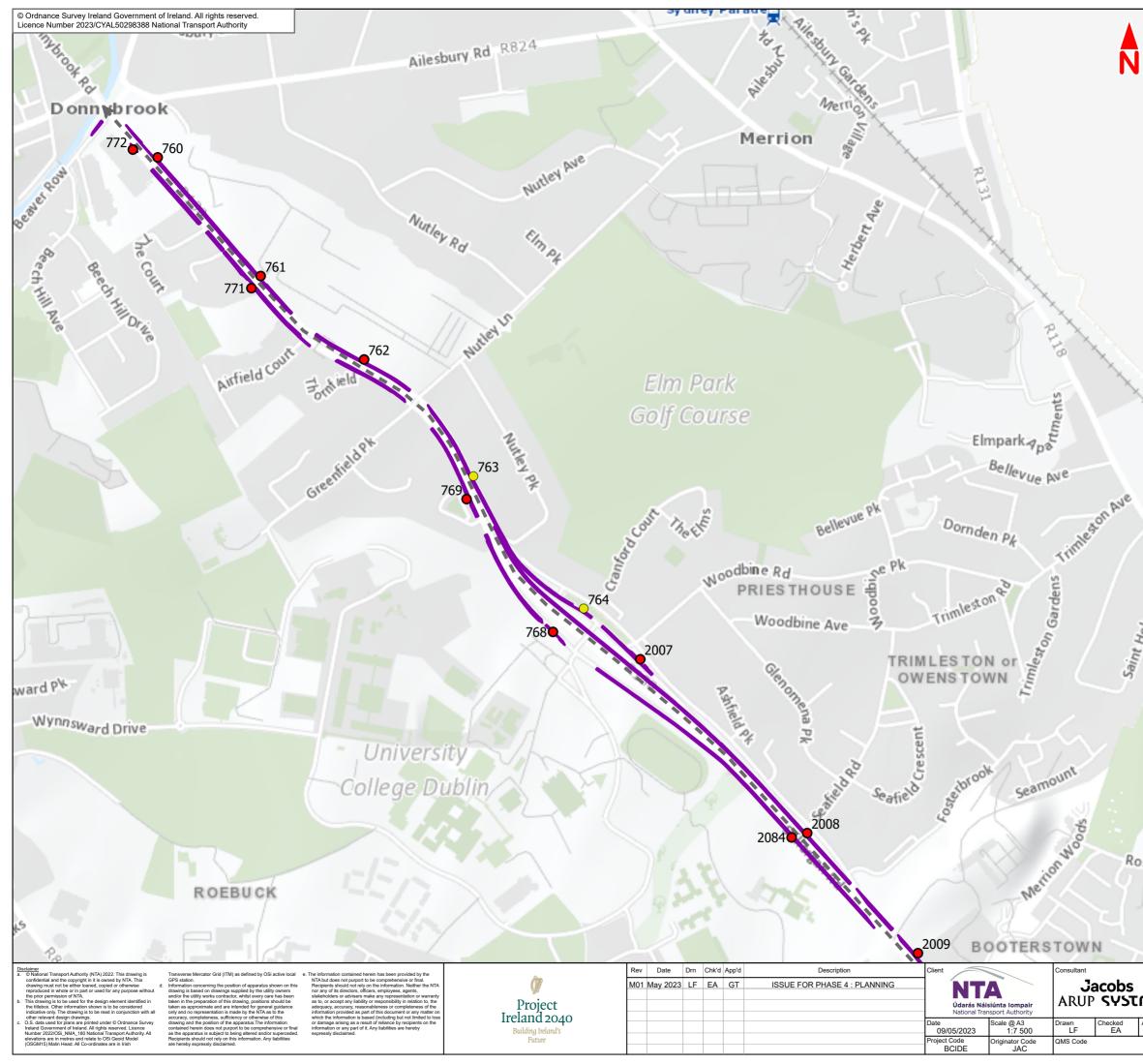
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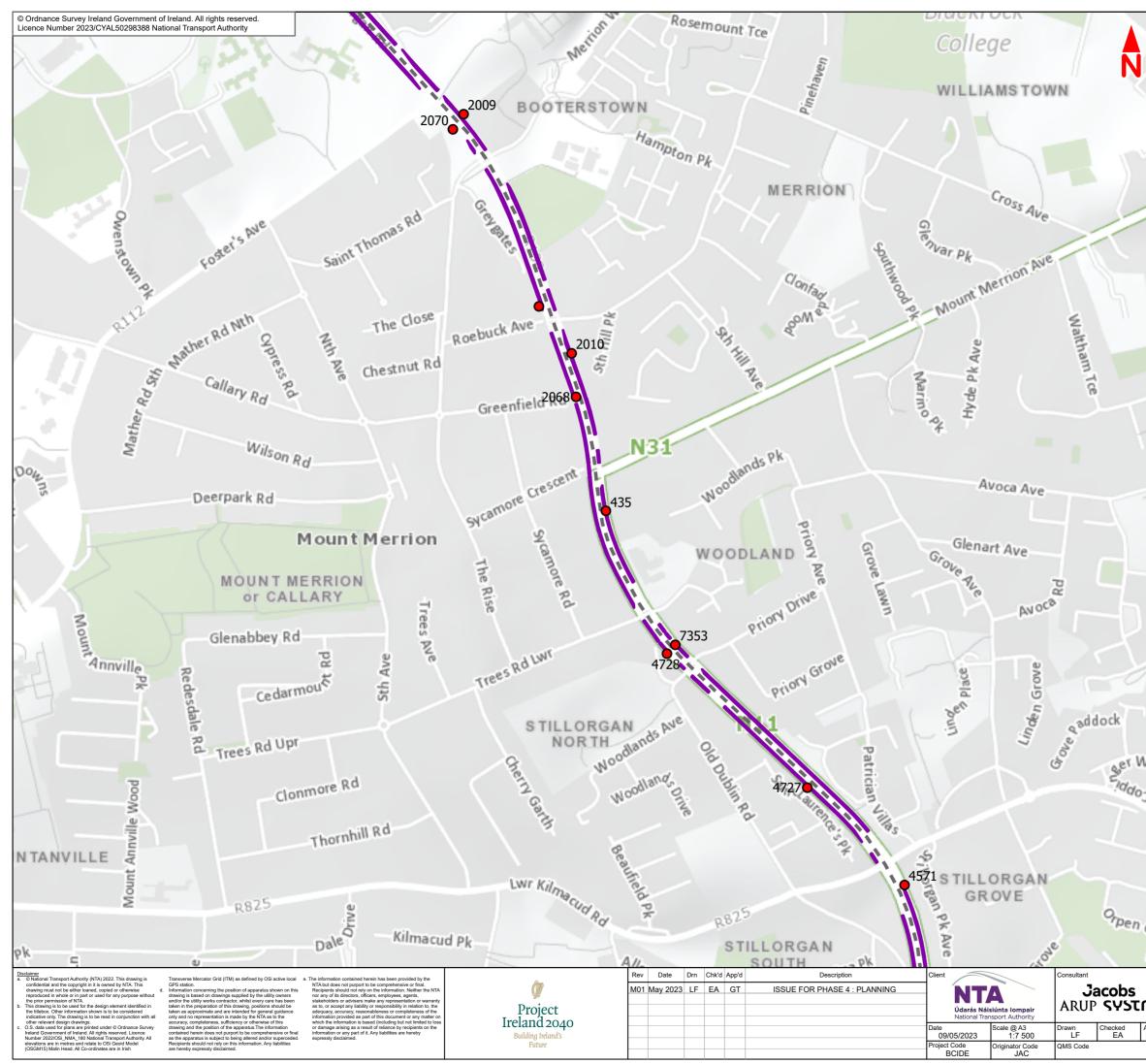
Centre Core Bus Corridor Scheme Figure 6.5a Baseline Bus Facilities

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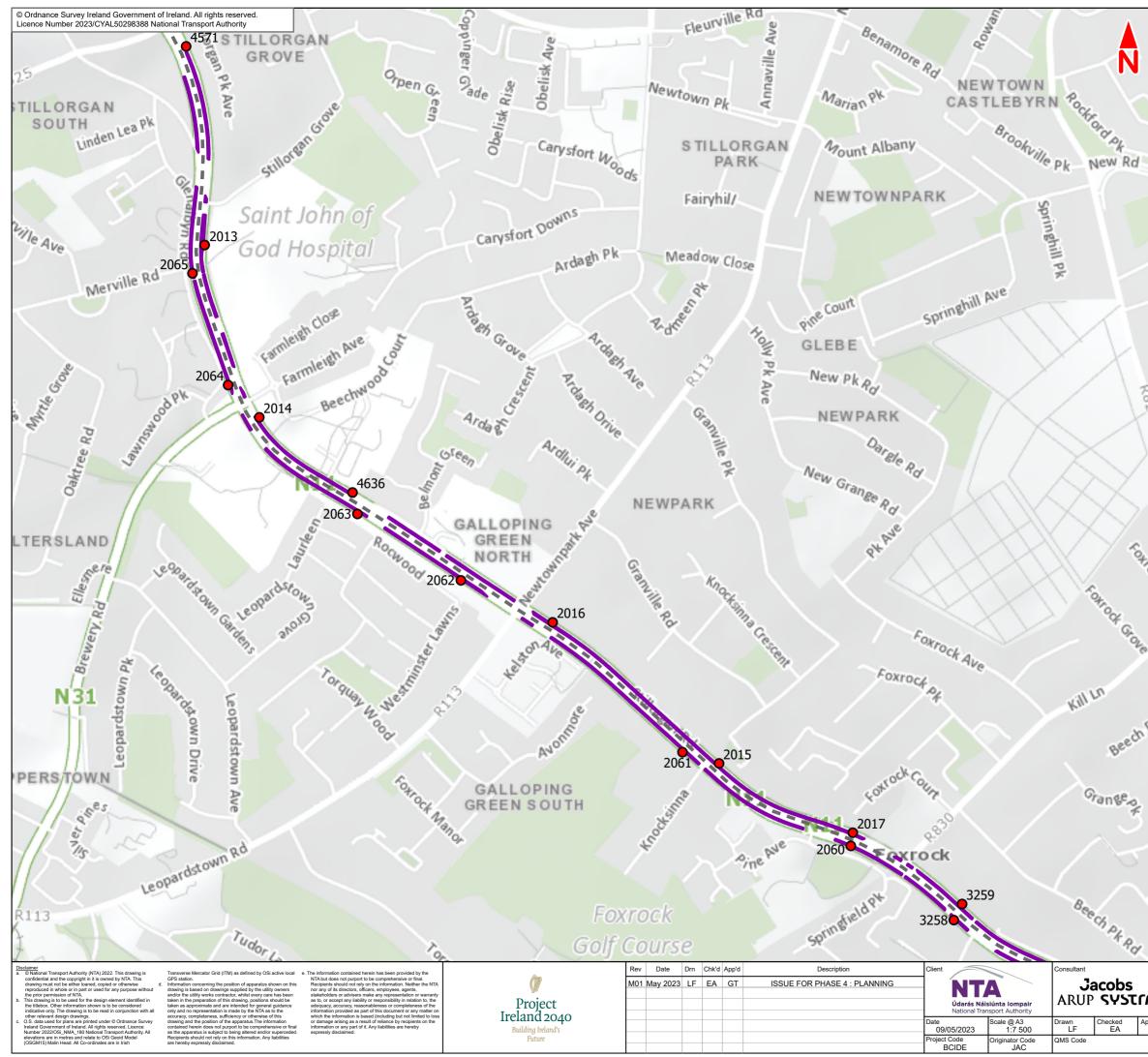
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X	 Existing Bus Stop without Shelter Existing Bus Lane
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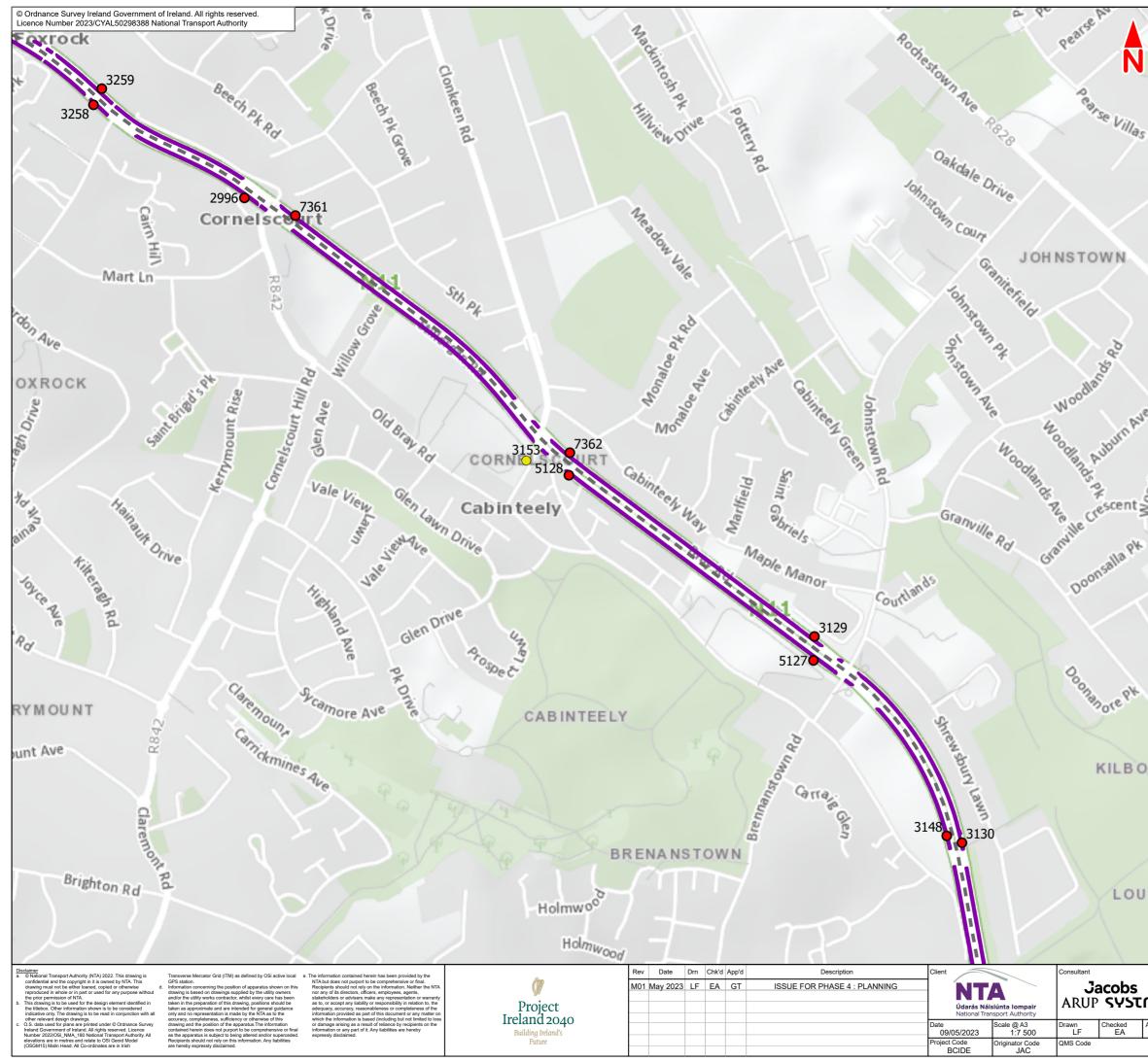
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	13 Sandyford Cabin4-ely Killiney
	ue Stepaside M50 5 Ballybrack
2	Mountain Loughlin stown
	Legend :
в	Section 2
	Donnybrook (Anglesea Rd junction) to Loughlinstown Roundabout
	Bus Facilities
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Approved	Figure 6.5b Baseline Bus Facilities
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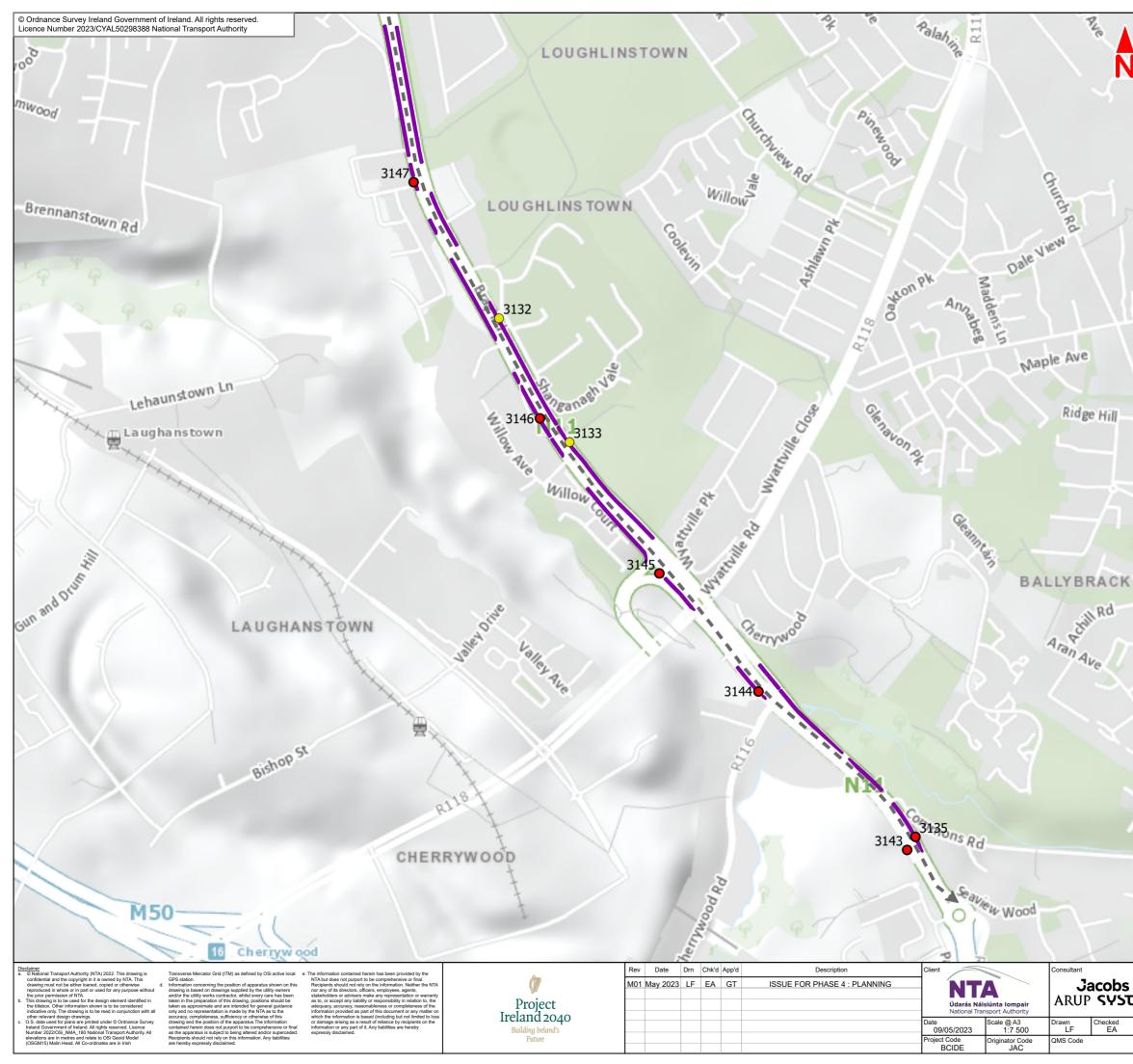


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	ue Stepaside Carrickmines
	Three Rock Mountain Mountain
	the and the second second
1	Legend :
	Section 2
	Donnybrook (Anglesea Rd junction) to
	Loughlinstown Roundabout Bus Facilities
R82	 Existing Bus Stop with Shelter Existing Bus Stop without Shelter
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	Existing Bus Lane
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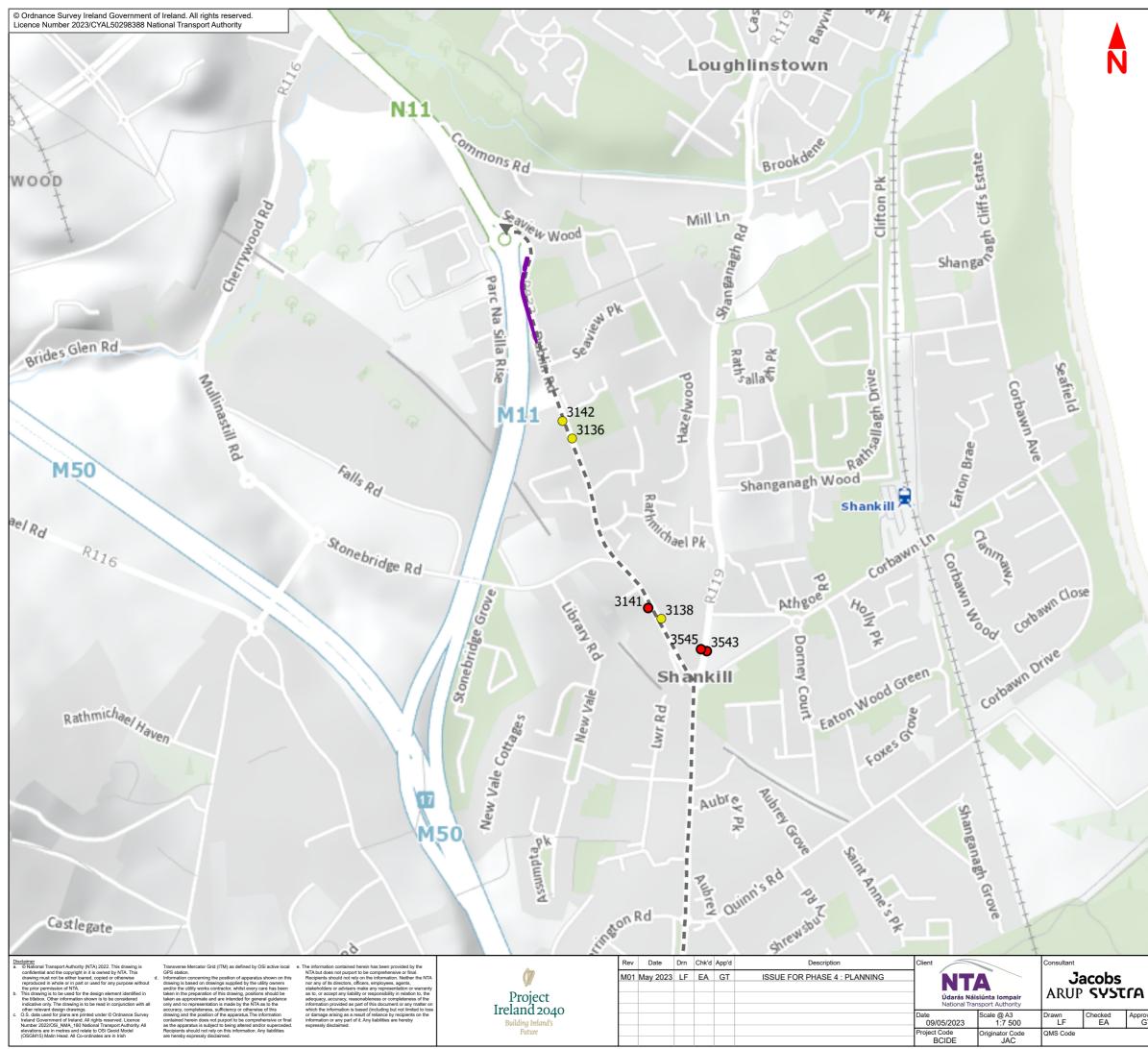
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	Legend :
	Section 2
	 Donnybrook (Anglesea Rd junction) to Loughlinstown Roundabout Bus Facilities
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S AUD	Existing Bus Lane
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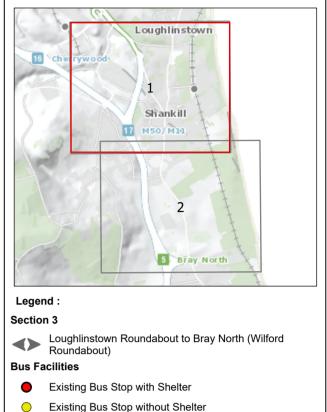
Shang	Three Rock M50 S Ballybrack
	Mountain
	Legend :
5	Section 2
XC	Donnybrook (Anglesea Rd junction) to Loughlinstown Roundabout
	Bus Facilities
	Existing Bus Stop with Shelter
	Existing Bus Stop without Shelter
	Existing Bus Lane
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- Existing Bus Stop without Shelter
- Existing Bus Lane

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

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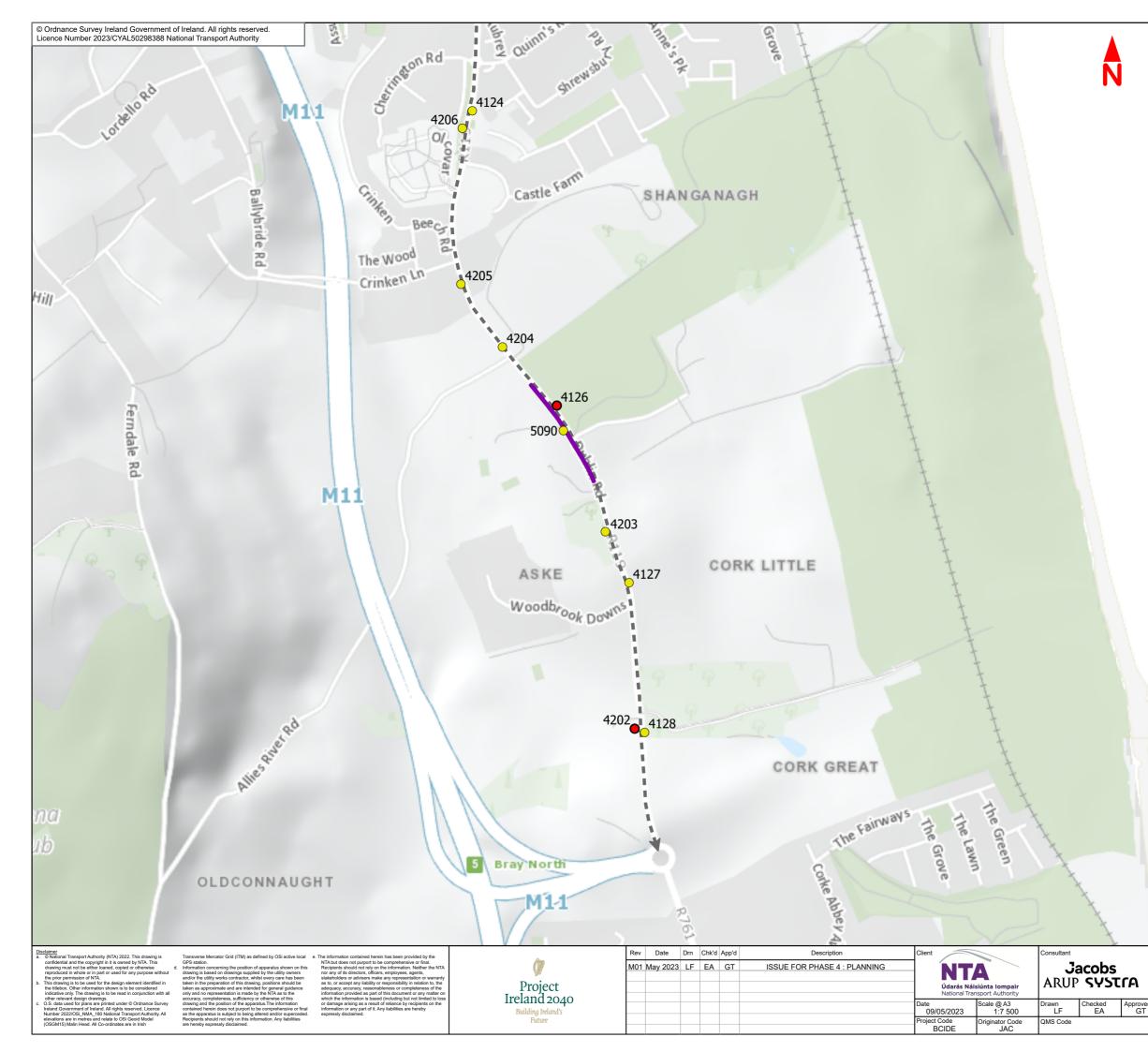
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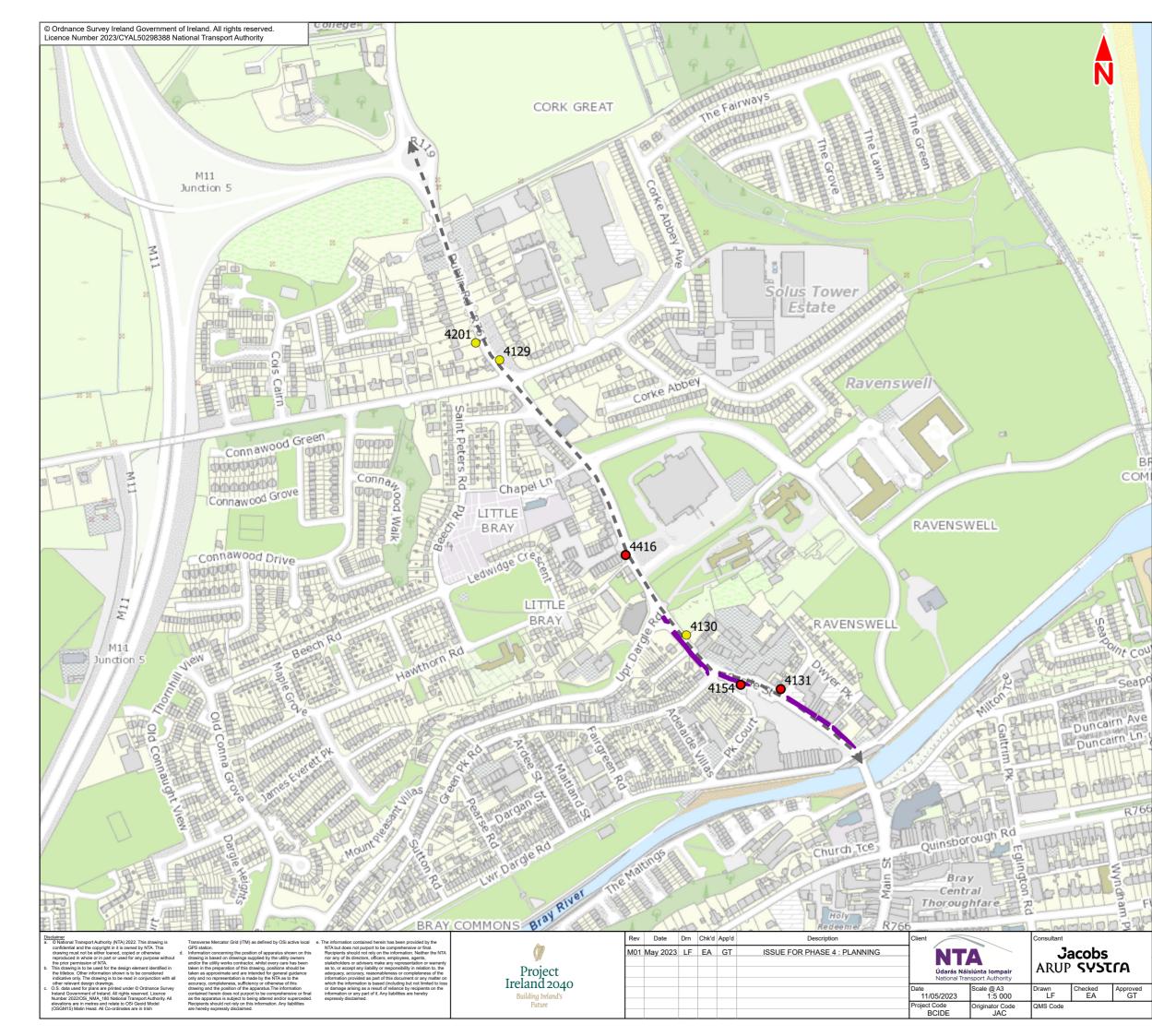
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Bray to City Centre Core Bus Corridor Scheme Figure 6.5c Baseline Bus Facilities

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	Cherrywood 1 Shiankill 7 MSO/M24 2 5 Bray North
	Legend : Section 3 Loughlinstown Roundabout to Bray North (Wilford Roundabout) Bus Facilities Existing Bus Stop with Shelter
	Existing Bus Stop without Shelter
	Existing Bus Lane
	Note 1: Facilities contained within the Bray to City Centre Scheme boundary are displayed; those outside the scheme boundary are not shown
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ed .	Figure 6.5c Baseline Bus Facilities
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	BIST \$
	B Bray North
	FT SSA.
1/2	M11 Bray
	Bray Central
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Legend : Section 4

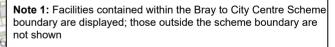
Bray North (Wilford Roundabout) to Bray South (Fran O'Toole Bridge) \rightarrow

Bus Facilities

0 \bigcirc Existing Bus Stop without Shelter

Existing Bus Stop with Shelter

Existing Bus Lane



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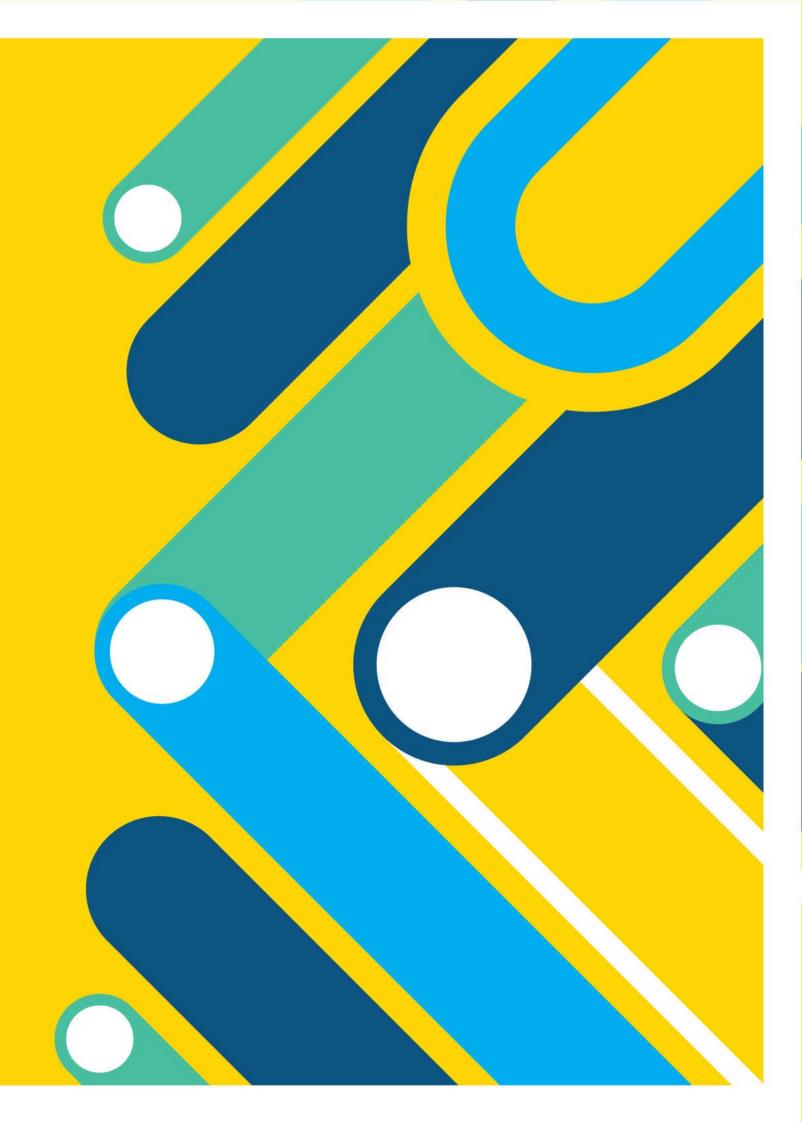
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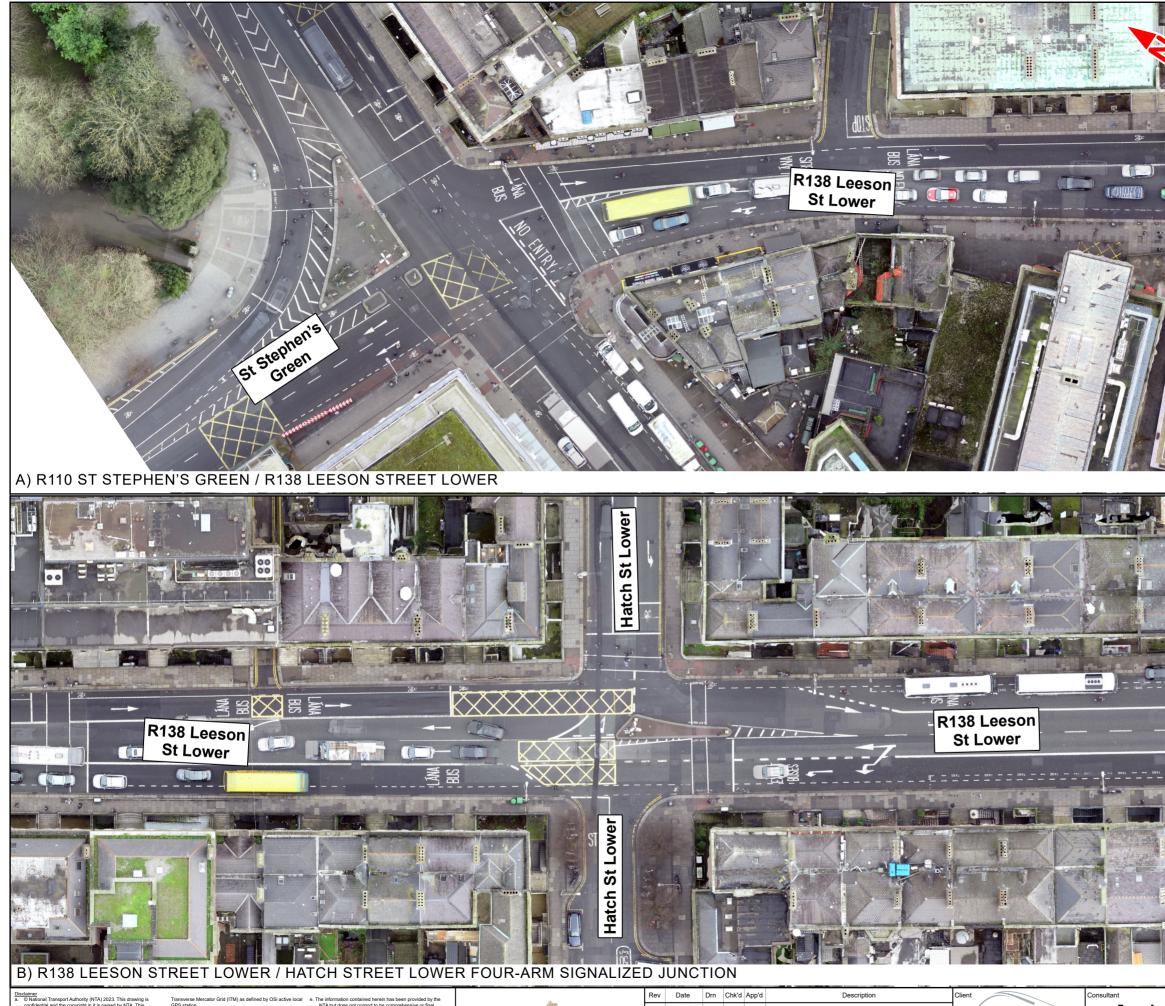
Bray to City Centre Core Bus Corridor Scheme Figure 6.5d Baseline Bus Facilities

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6.6 Aerial Views of Key Junctions







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	Legend A) R110 St Stephen's Green / R138 Leeson Street Lower B) R138 Leeson Street Lower / Hatch Street Lower Four-Arm Signalized Junction
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Figure 6.6 Aerial Views of Key Junctions

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B) R138 LEESON STREET UPPER/BURLINGTON ROAD

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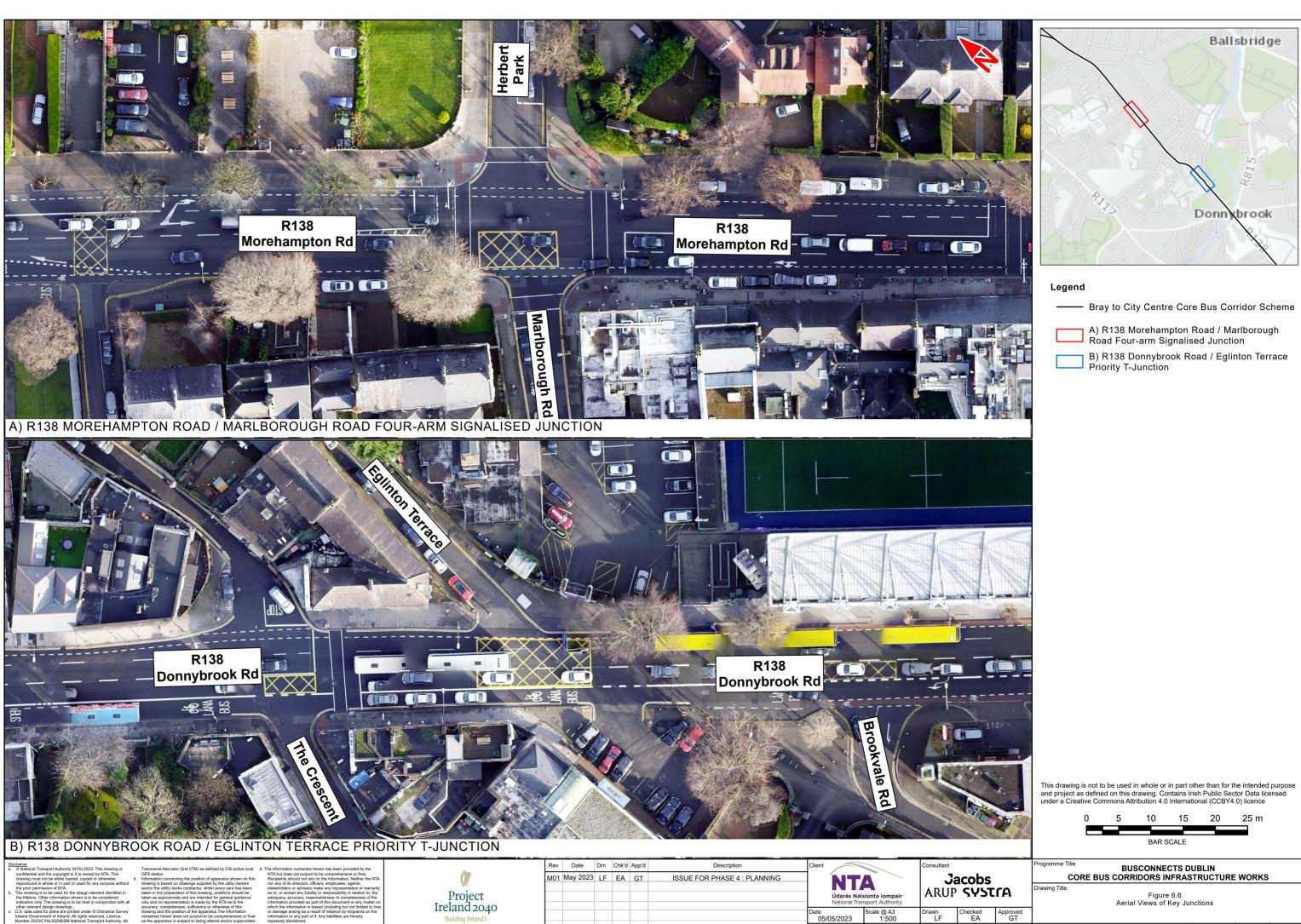
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- A) R138 Leeson Street Upper / Appian Way Three-arm Signalised Junction
- B) R138 Leeson Street Upper / Wellington Place Three-arm Signalised Junction

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Legend

----- Bray to City Centre Core Bus Corridor Scheme



- A) R138 Stillorgan Road / Airfield Park Four-arm Signalised Junction
- B) Belfield Interchange, Southbound Side Three-arm Signalised Junction

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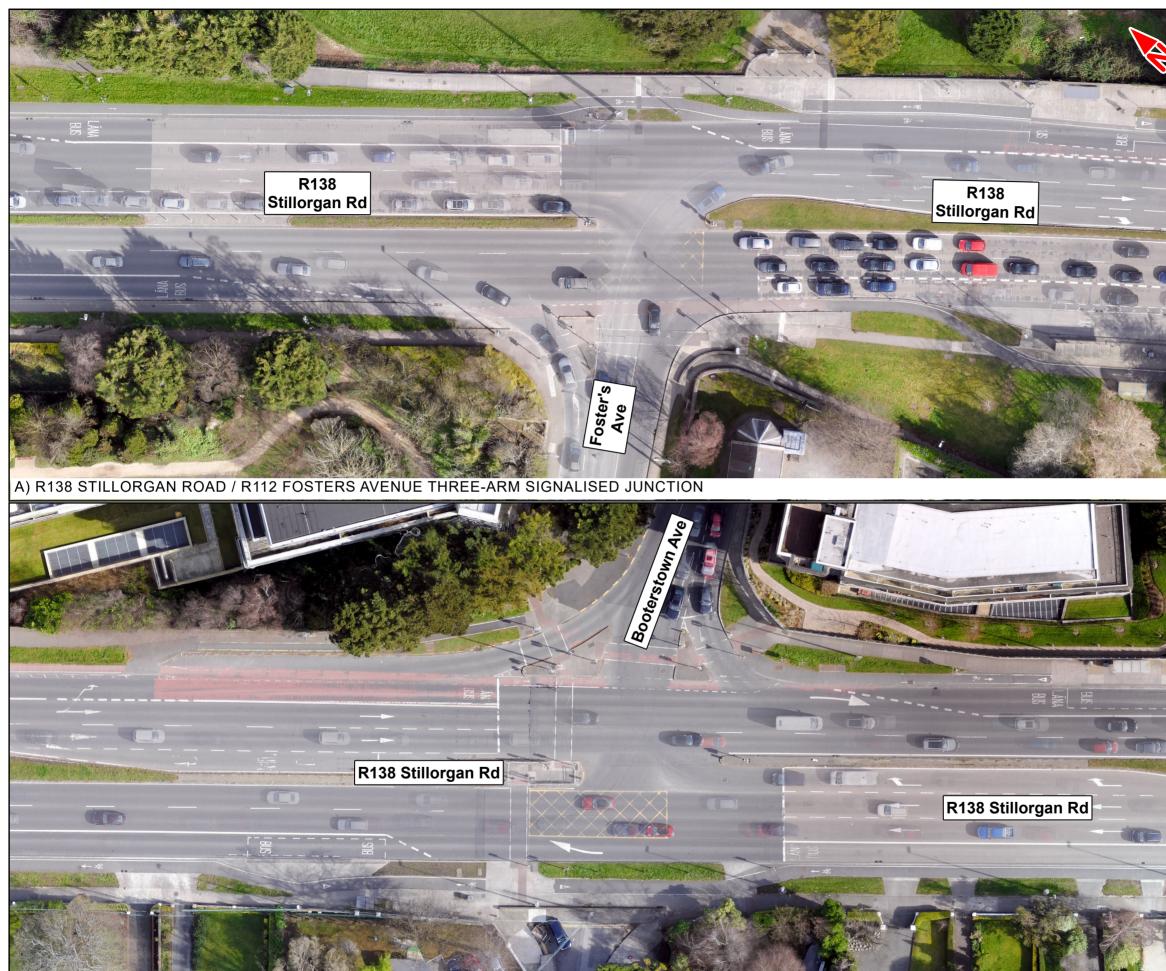
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Figure 6.6							
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B) R138 STILLORGAN ROAD / BOOTERSTOWN AVENUE THREE-ARM SIGNALISED JUNCTION

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	B) R138 Stillorgan Road / Booterstown Avenue Three-arm Signalised Junction
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Figure 6.6 Aerial Views of Key Junctions

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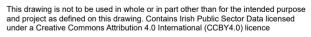
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- A) N11 Stillorgan Road / Trees Road Lower Four-arm Signalised Junction
- - B) N11 Stillorgan Road / R825 Lower Kilmacud Road Four-arm Junction



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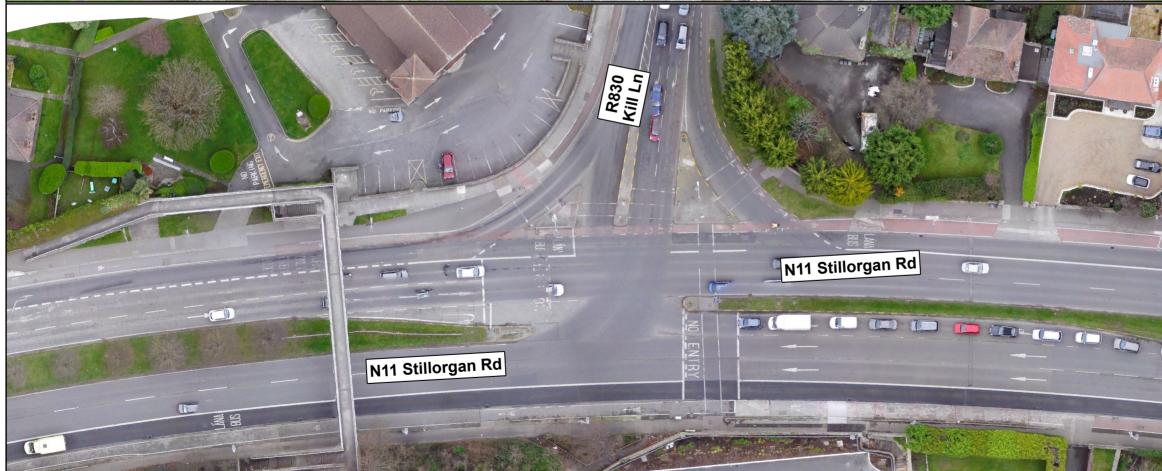
Figure 6.6 Aerial Views of Key Junctions

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A) N11 STILLORGAN ROAD / R113 LEOPARDSTOWN ROAD FOUR-ARM SIGNALISED JUNCTION



B) N11 STILLORGAN ROAD / R830 KILL LANE THREE-ARM SIGNALISED JUNCTION

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Legend

----- Bray to City Centre Core Bus Corridor Scheme



- A) N11 Bray Road / R842 Old Bray Road Four-arm Signalised Junction
- B) N11 Bray Road / Johnstown Road

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B) N11 BRAY ROAD SOUTHBOUND / WYATTVILLE LINK ROAD INTERCHANGE ARRANGEMENT

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	Bray to City Centre Core Bus Corridor Scheme
	A) N11 Bray Road / Druids Glen Road Junction

- B) N11 Bray Road Southbound / Wyattville Link Road Interchange Arrangement

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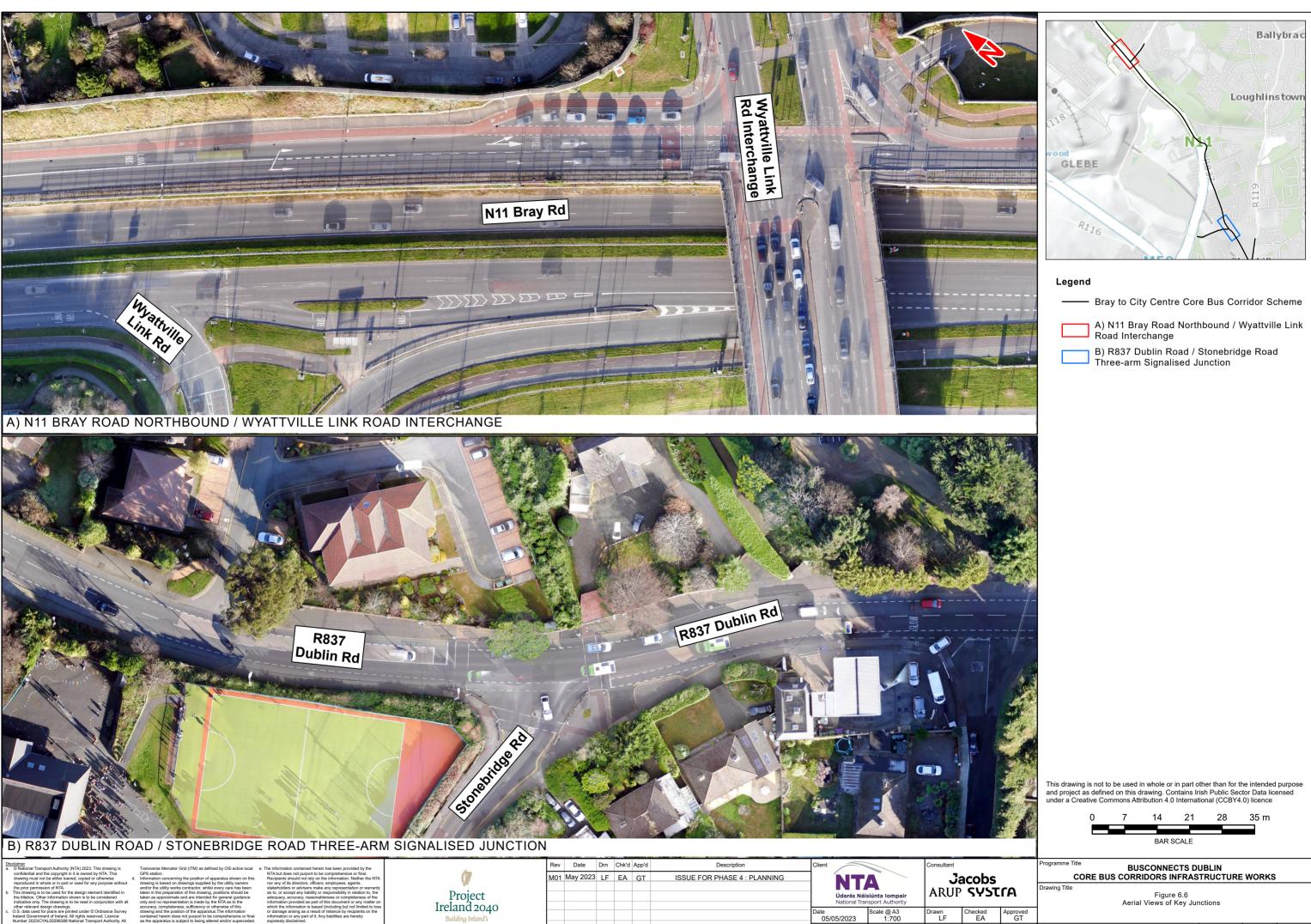
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Figure 6.6
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B) R119 DUBLIN ROAD / OLCOVAR PRIORITY JUNCTION ARRANGEMENT

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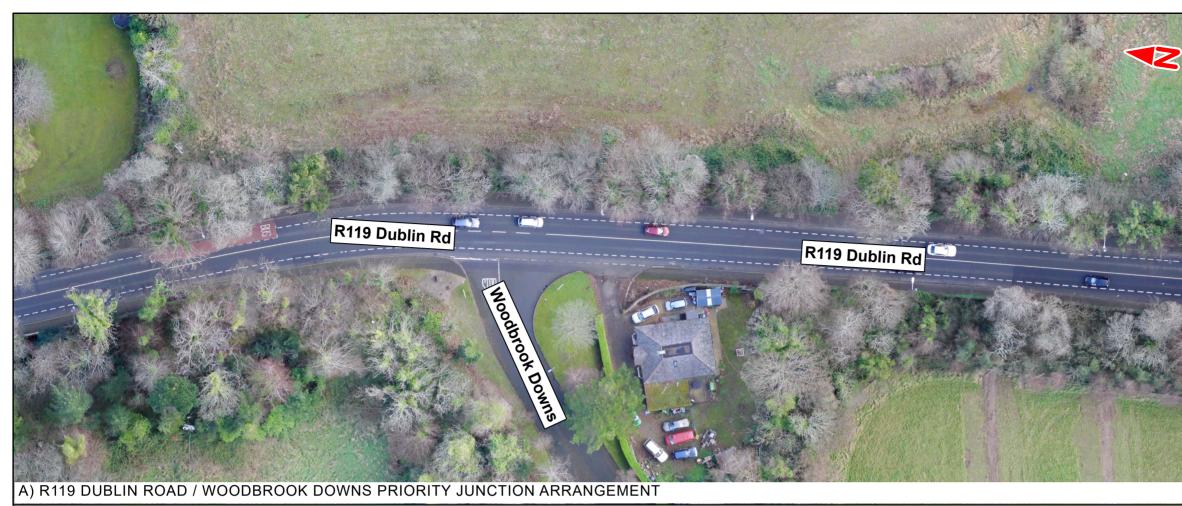
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Figure 6.6 Aerial Views of Key Junctions

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B) R761 DUBLIN ROAD/OLD CONNAUGHT AVENUE/CORKE ABBEY AVENUE JUNCTION

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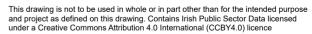
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----- Bray to City Centre Core Bus Corridor Scheme



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A) R119 Dublin Road / Woodbrook Downs Priority Junction Arrangement B) R761 Dublin Road/Old Connaught Avenue/ Corke Abbey Avenue junction







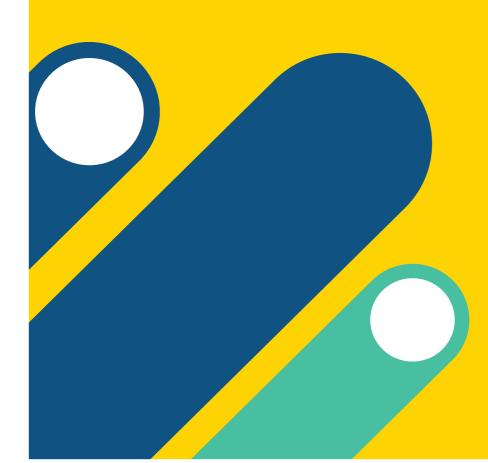
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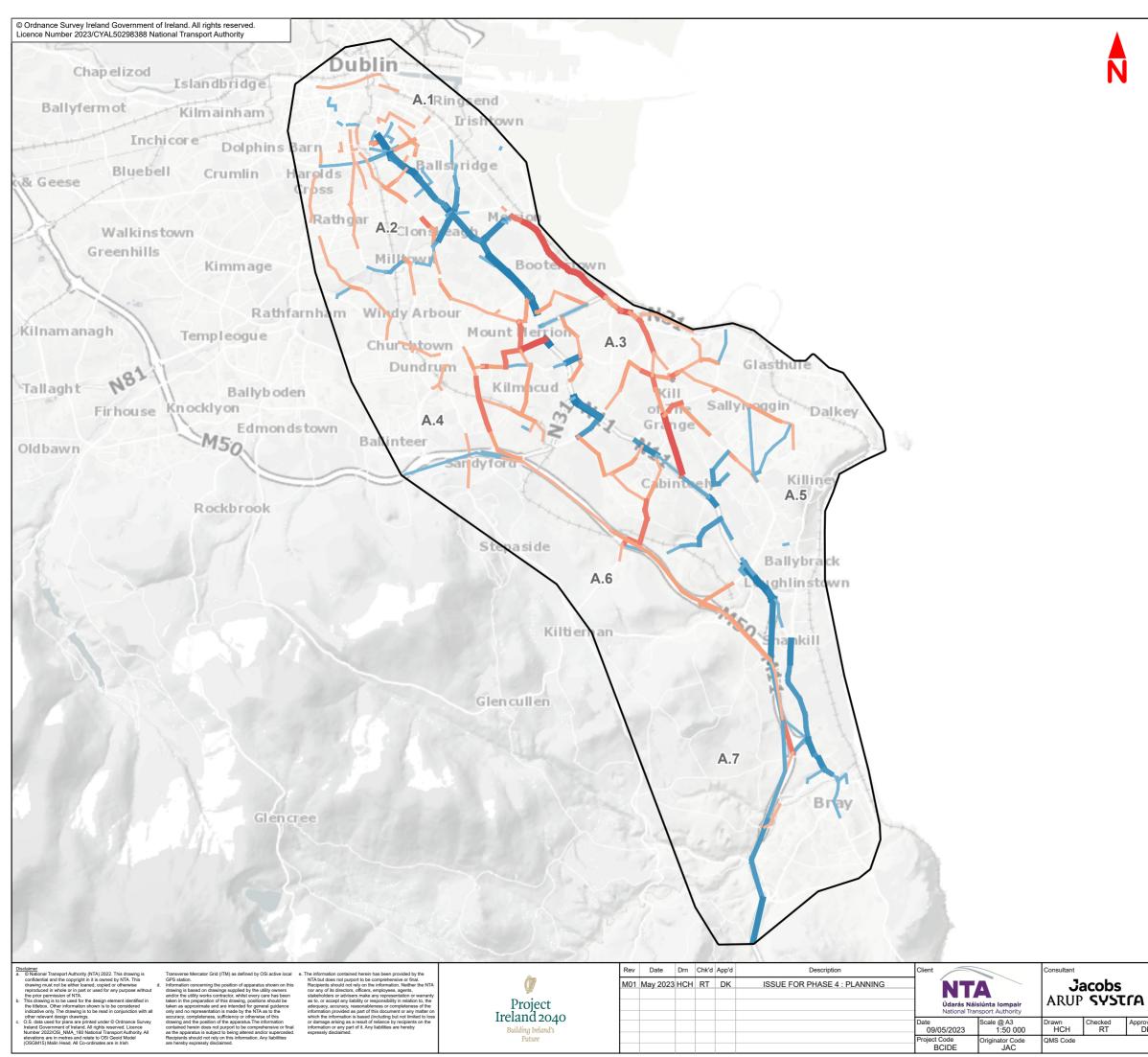
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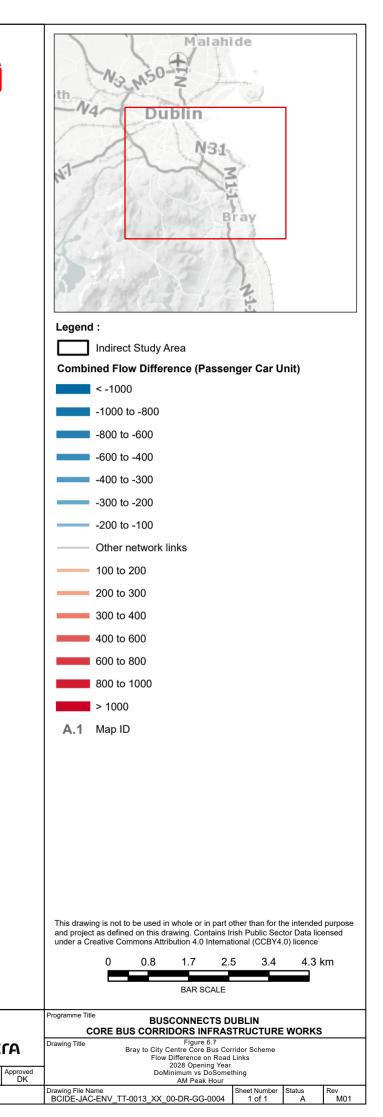
6.7 Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour







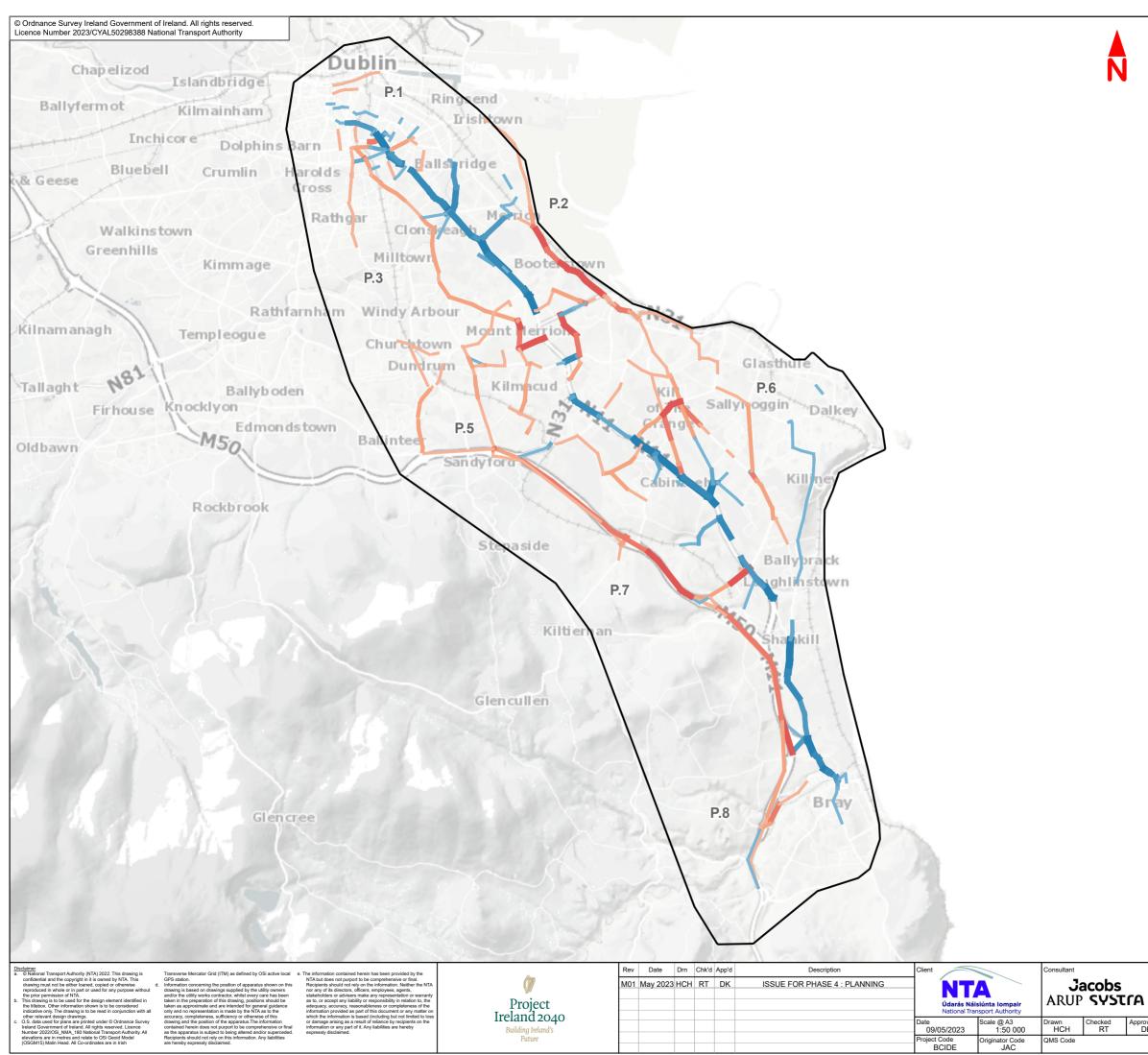




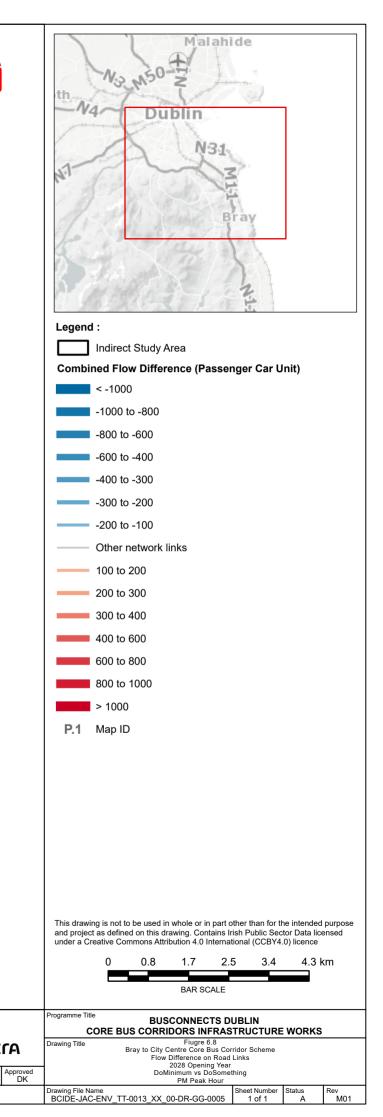
6.8 Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour







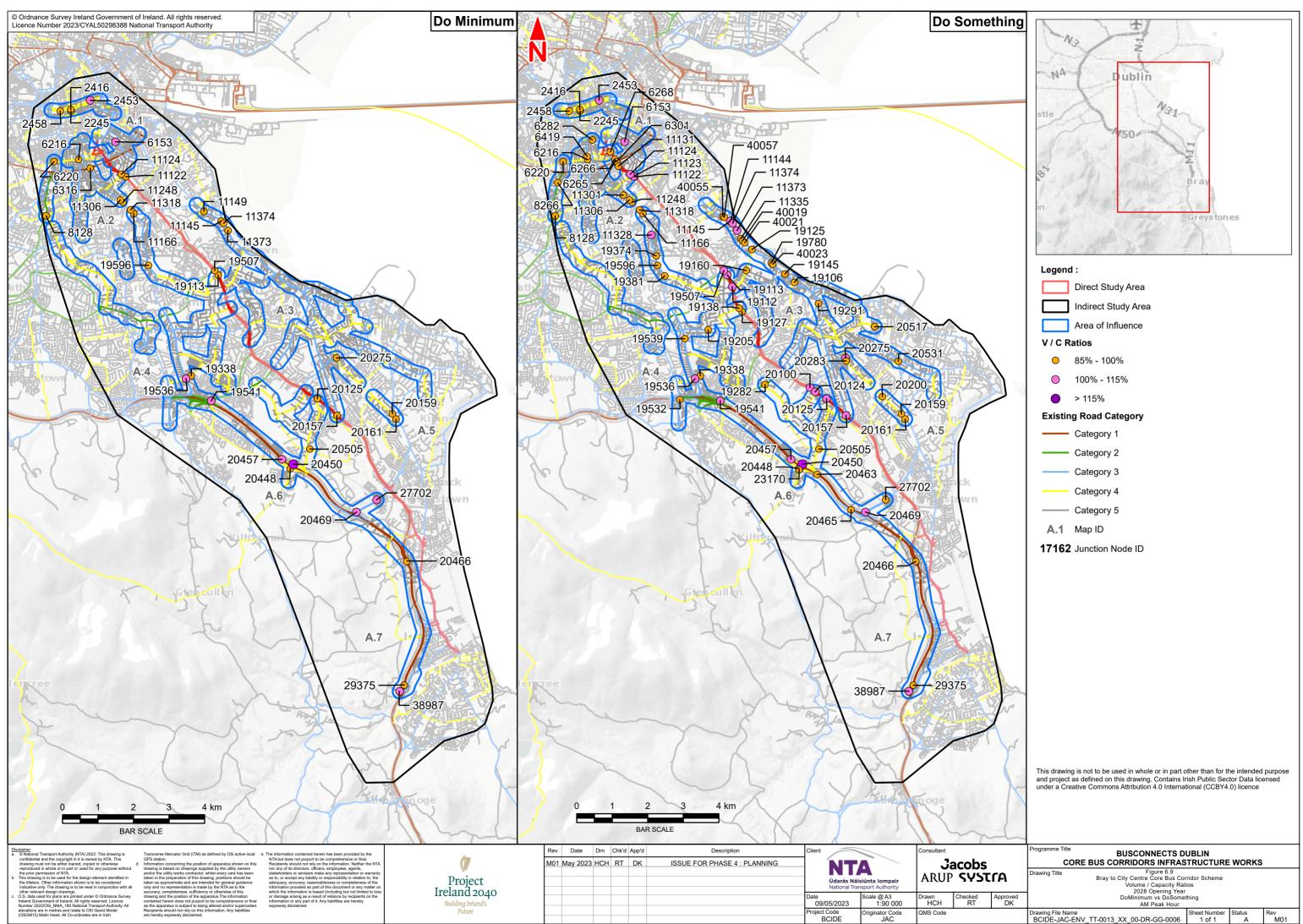




6.9 Volume/Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour





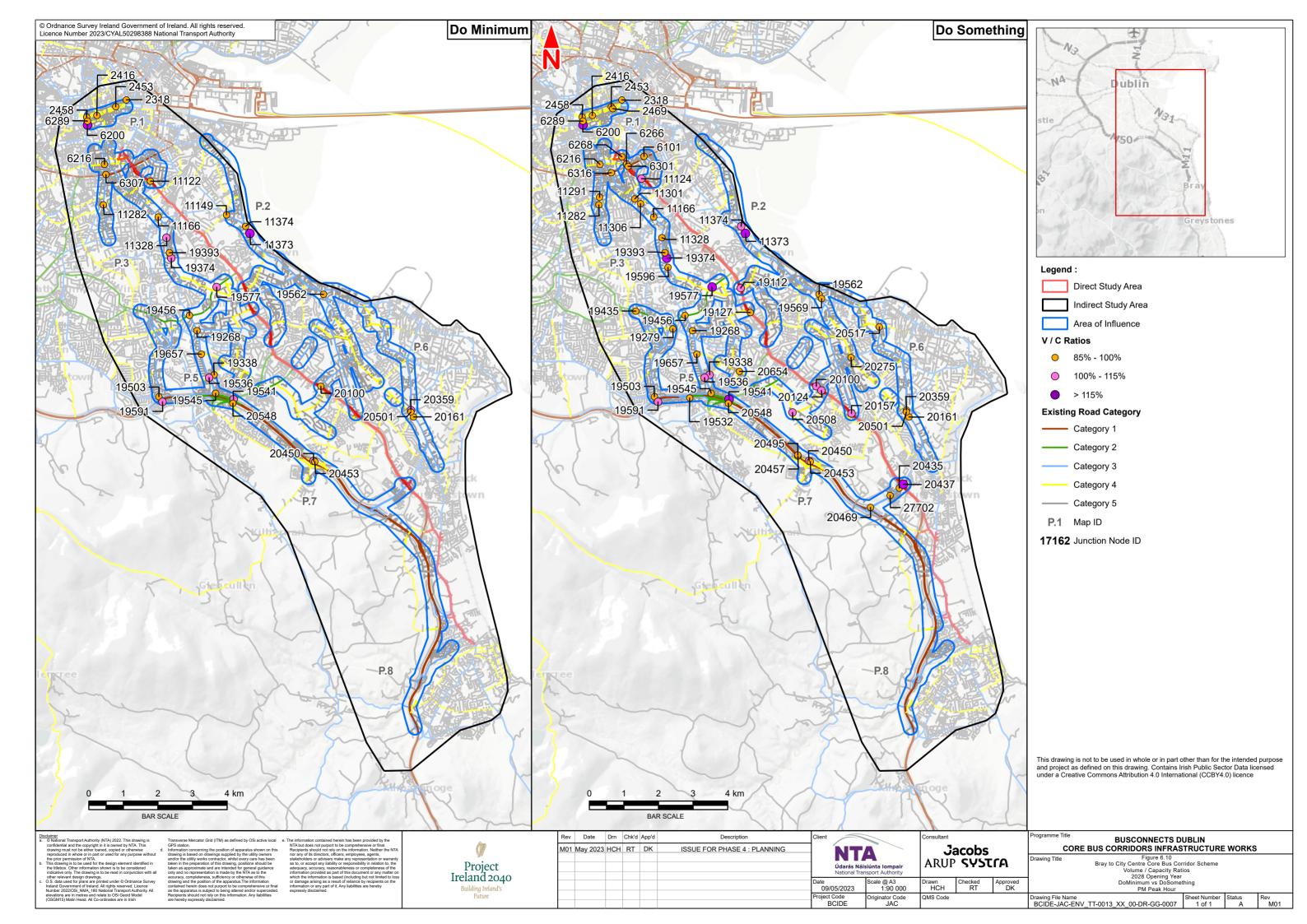


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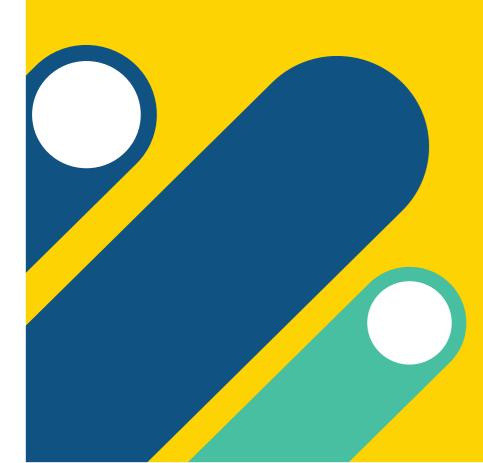
6.10 Volume/Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour



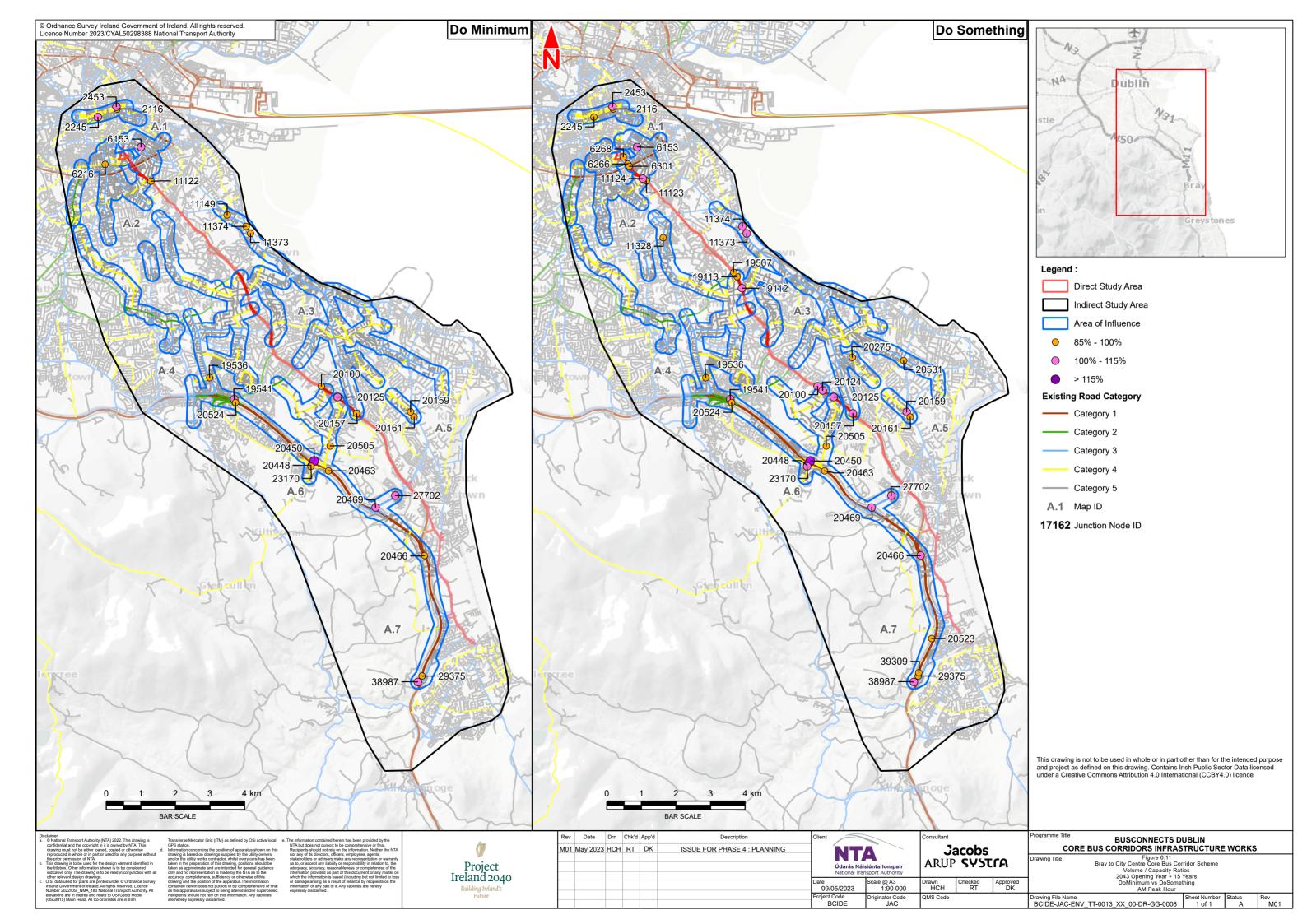




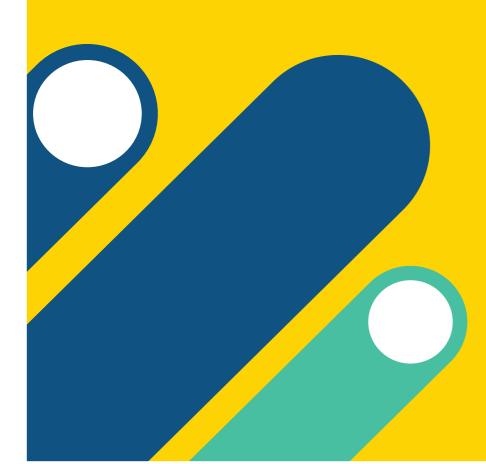
6.11 Volume/Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething AM Peak Hour



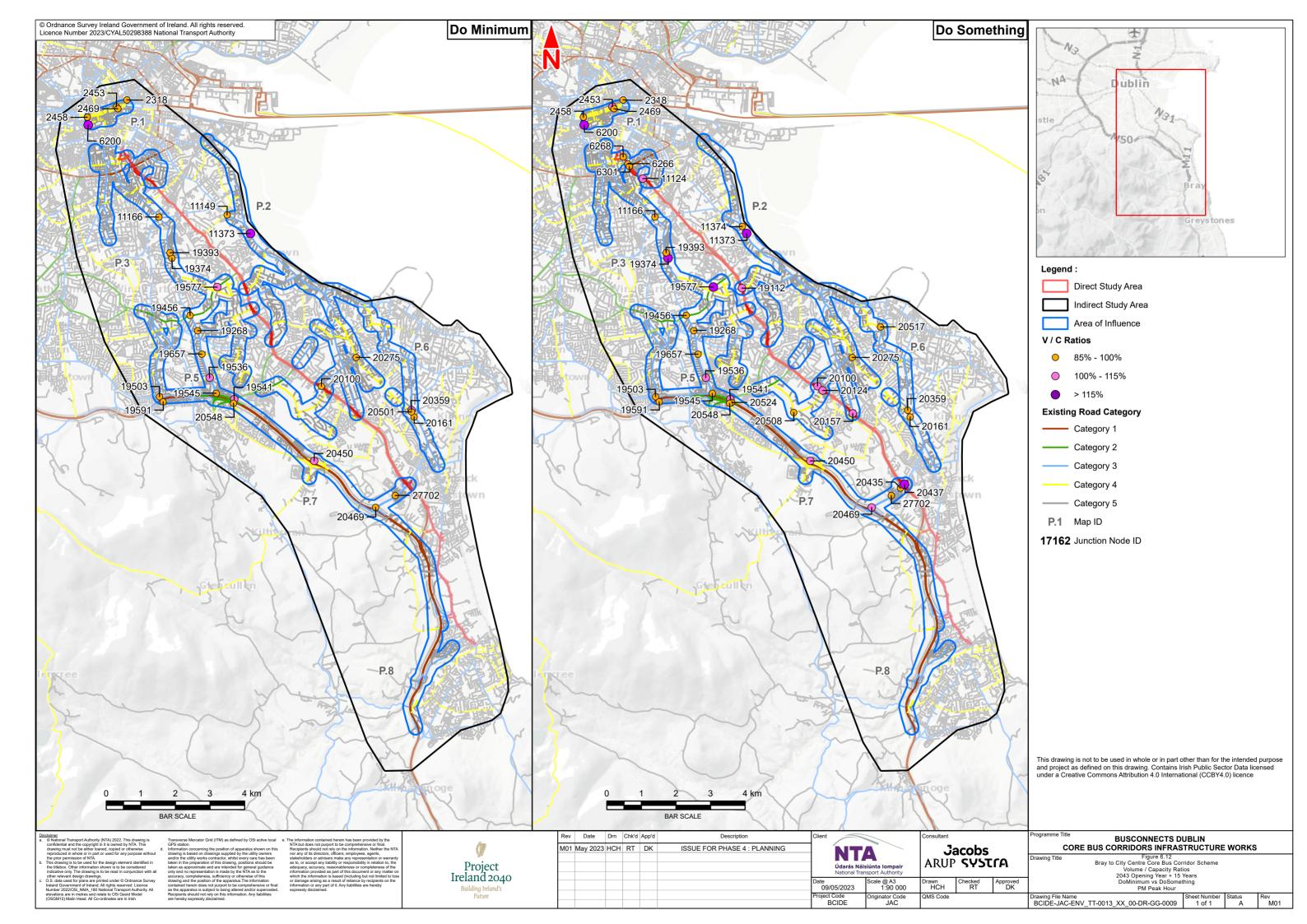




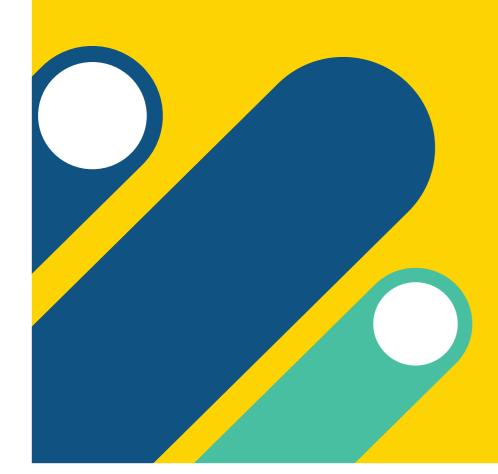
6.12 Volume/Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething PM Peak Hour



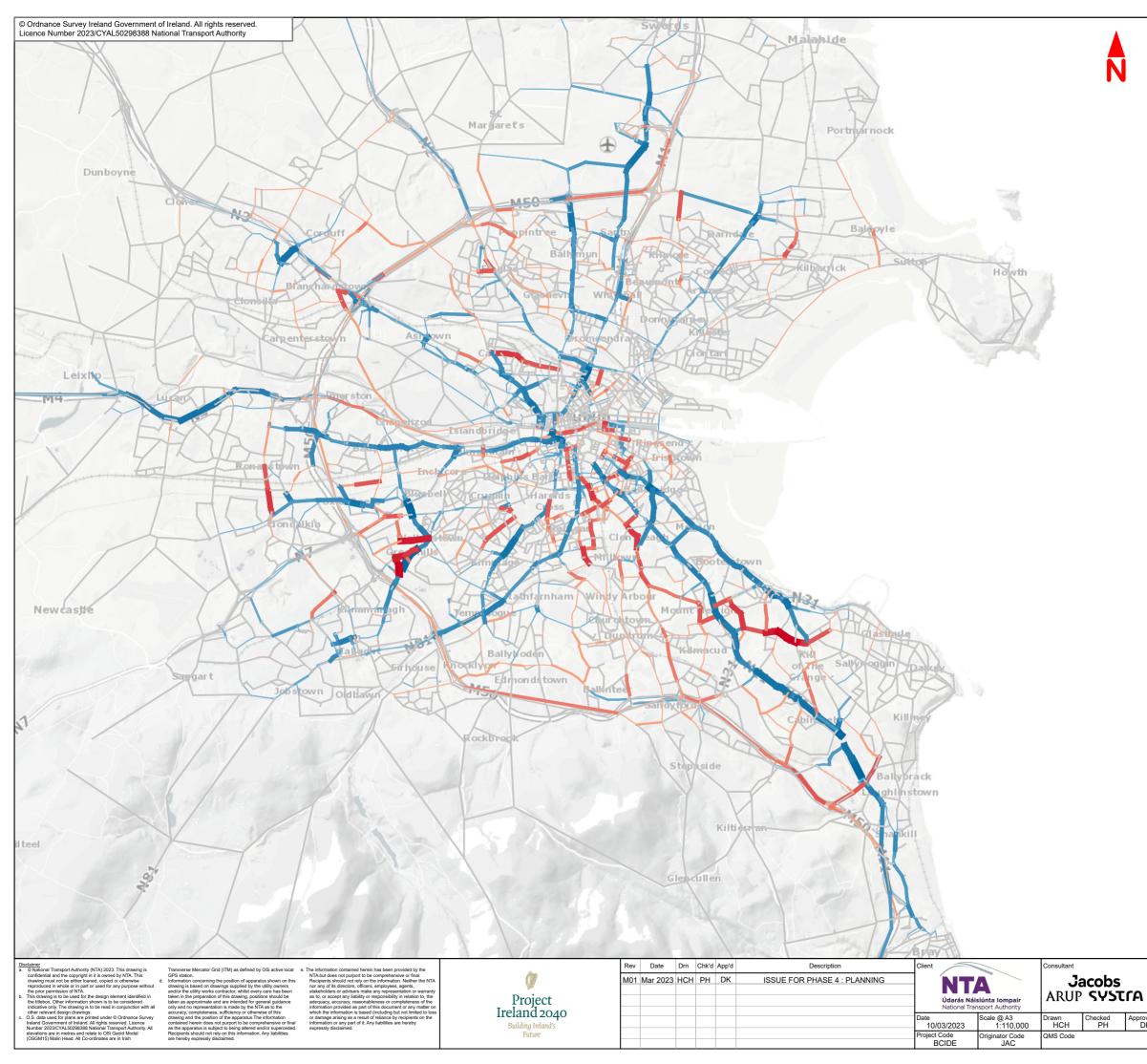




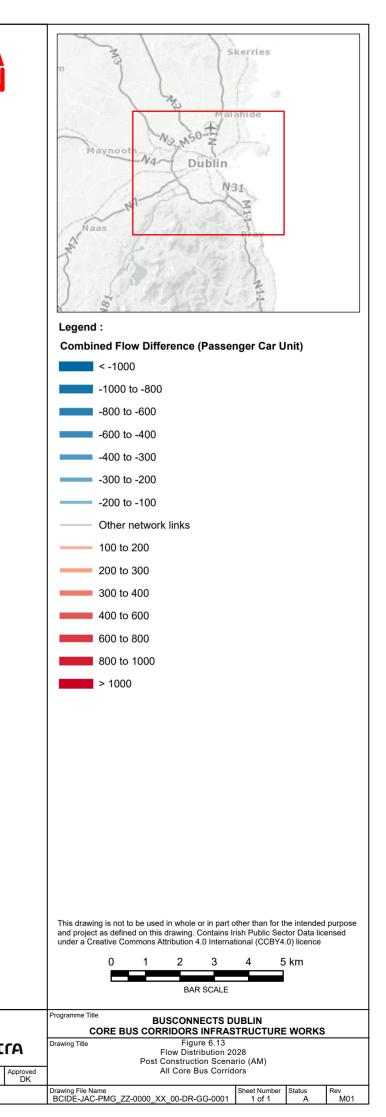
6.13 Flow Distribution 2028 Post Construction Scenario (AM) All Core Bus Corridors







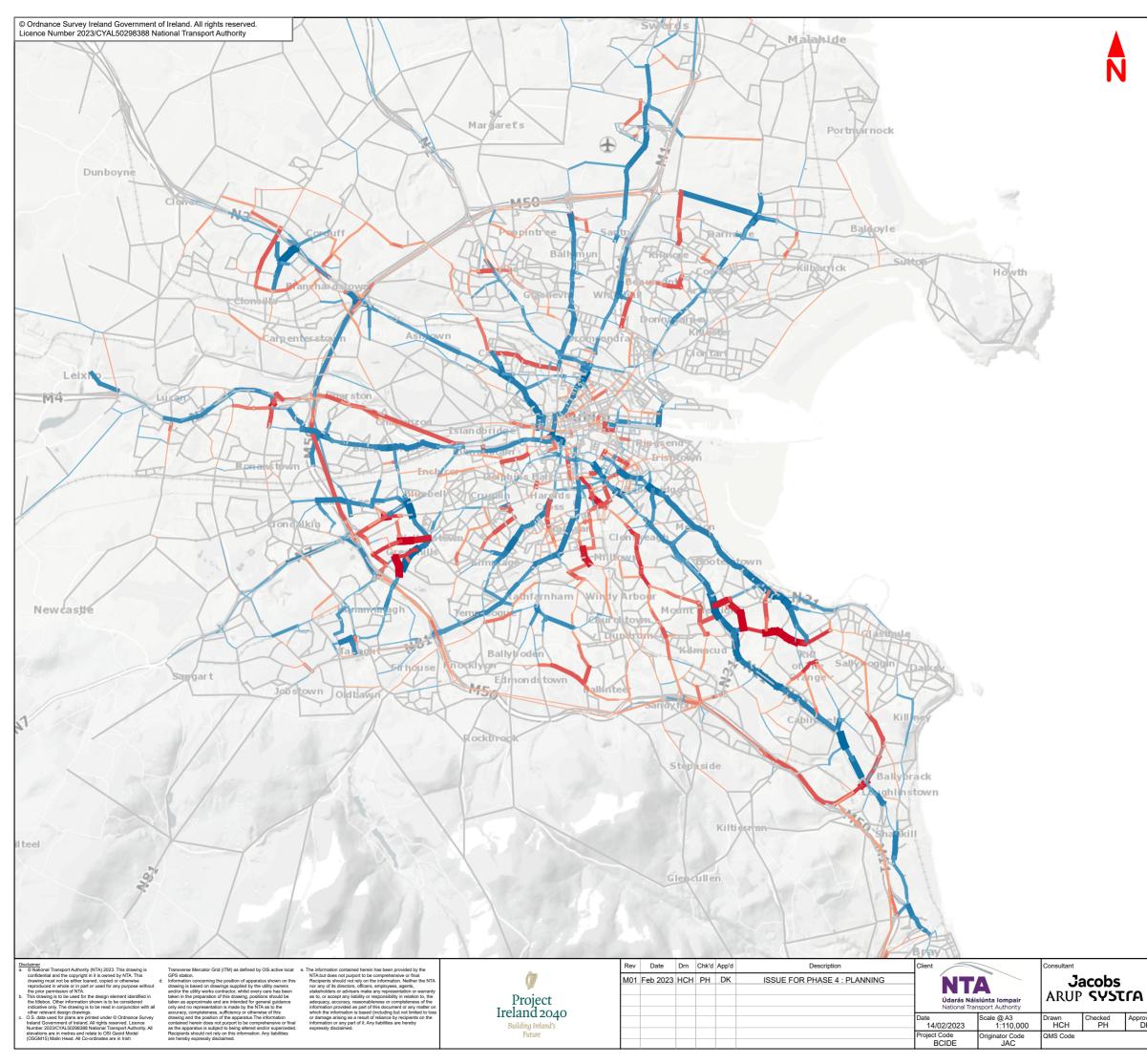




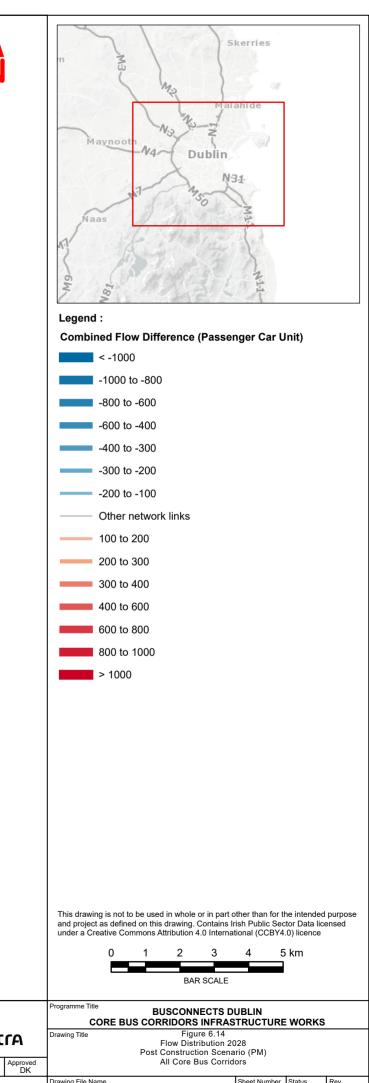
6.14 Flow Distribution 2028 Post Construction Scenario (PM) All Core Bus Corridors









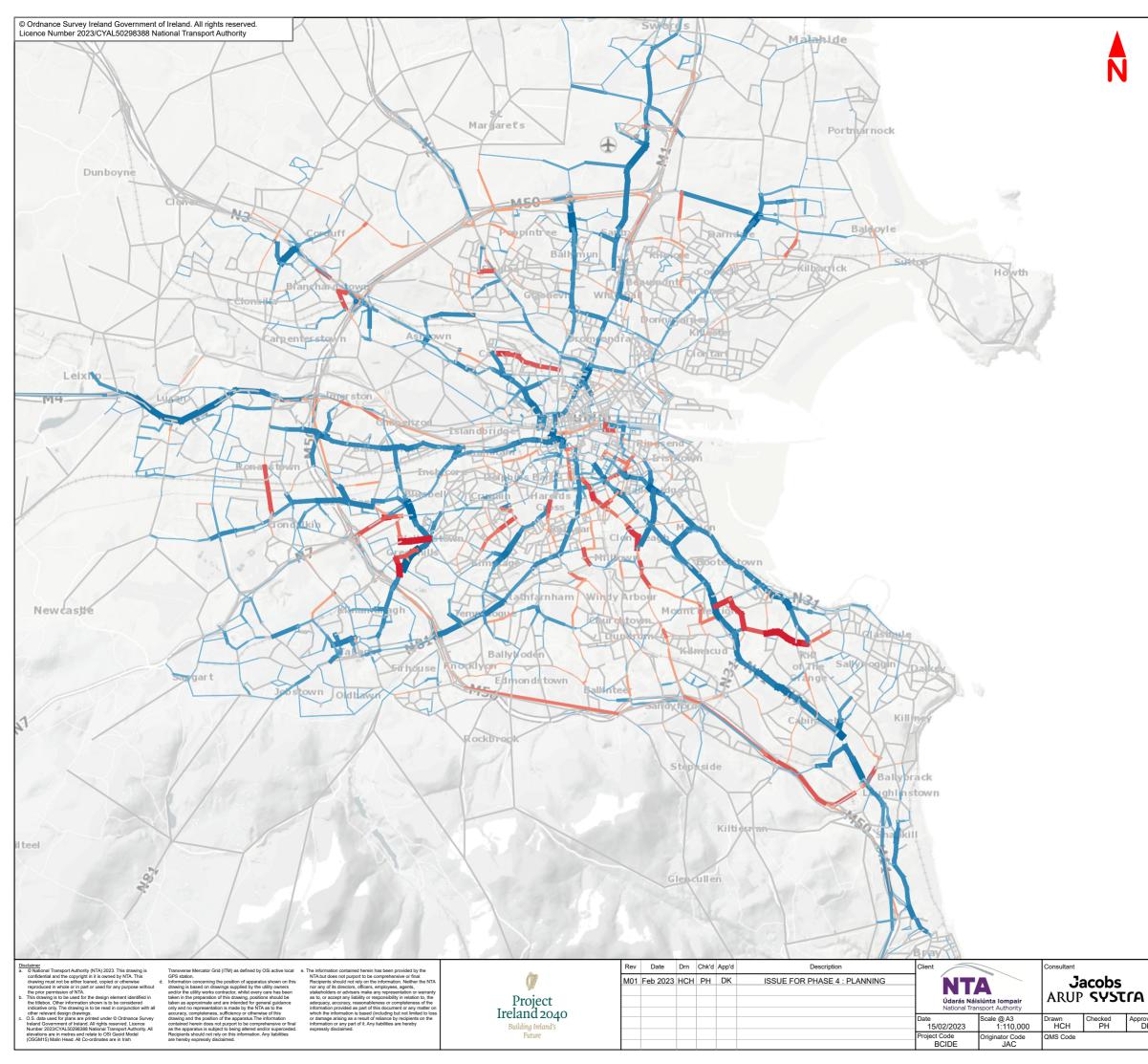


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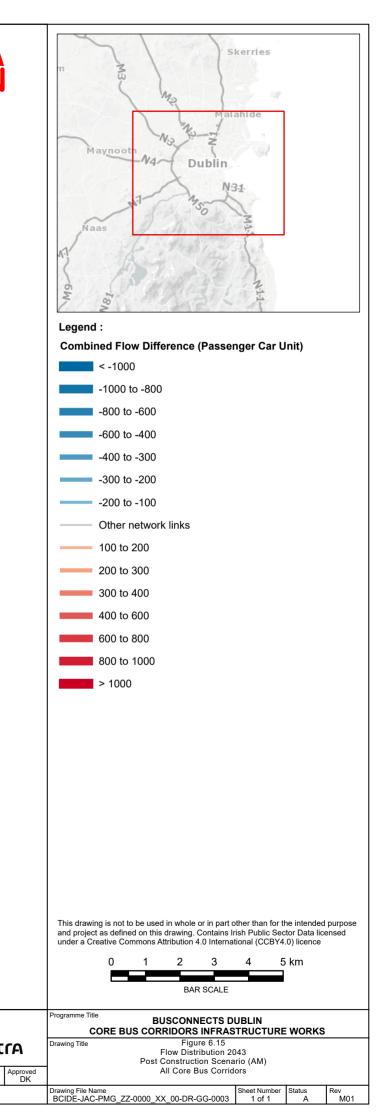
6.15 Flow Distribution 2043 Post Construction Scenario (AM) All Core Bus Corridors











6.16 Flow Distribution 2043 Post Construction Scenario (PM) All Core Bus Corridors





