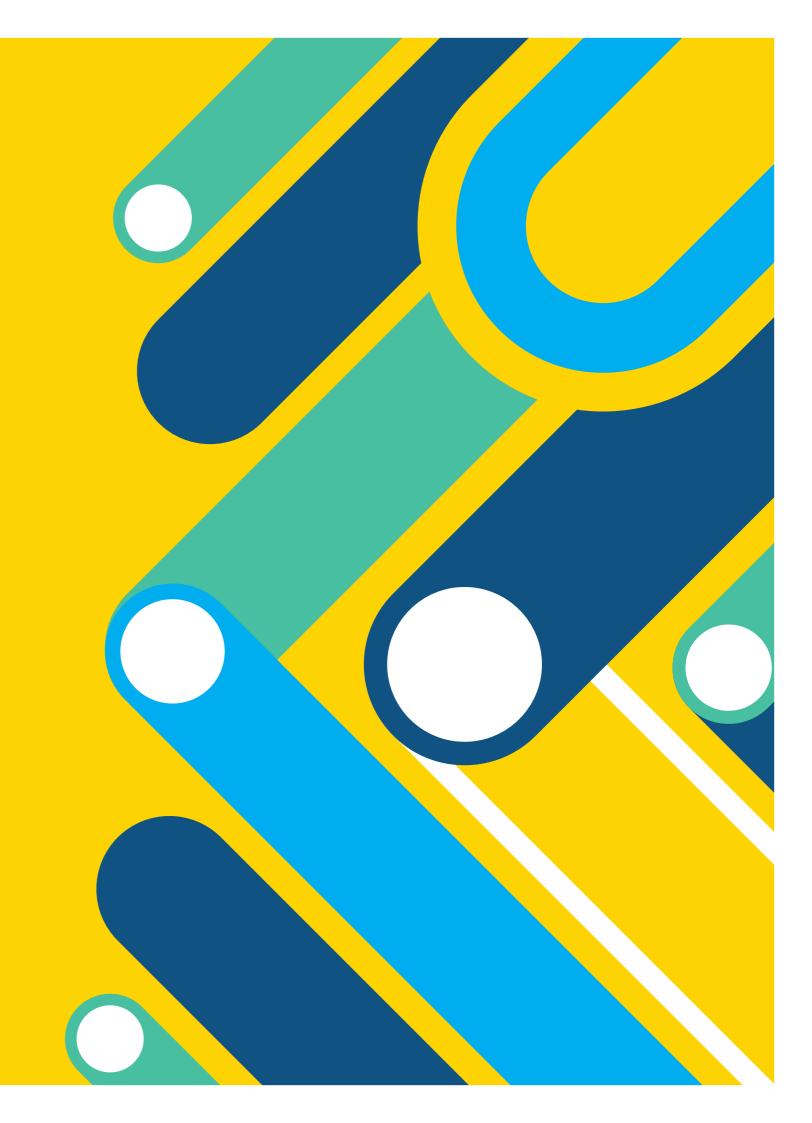
Chapter 06 Traffic & Transport

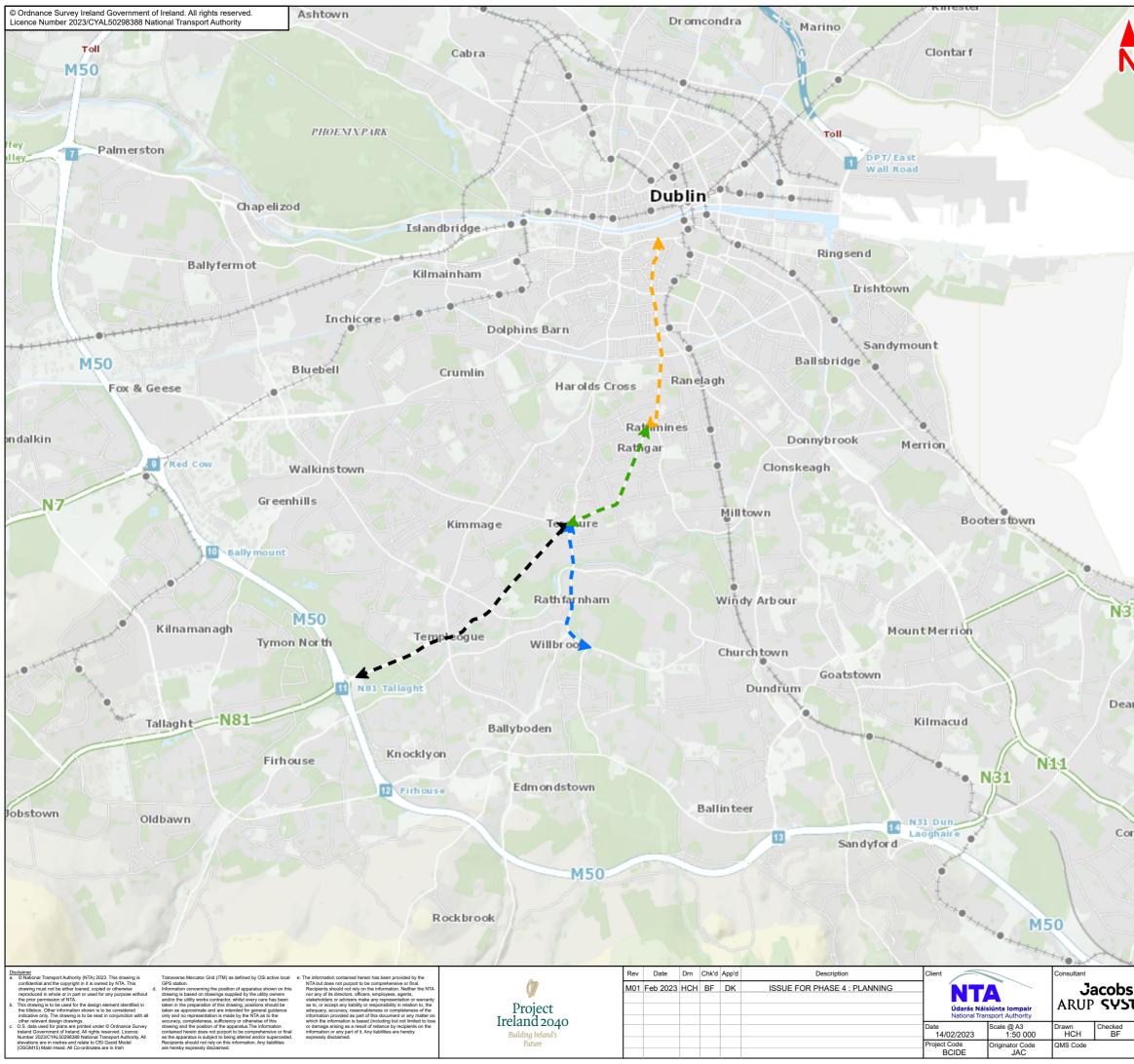




6.1 Proposed Scheme Extents





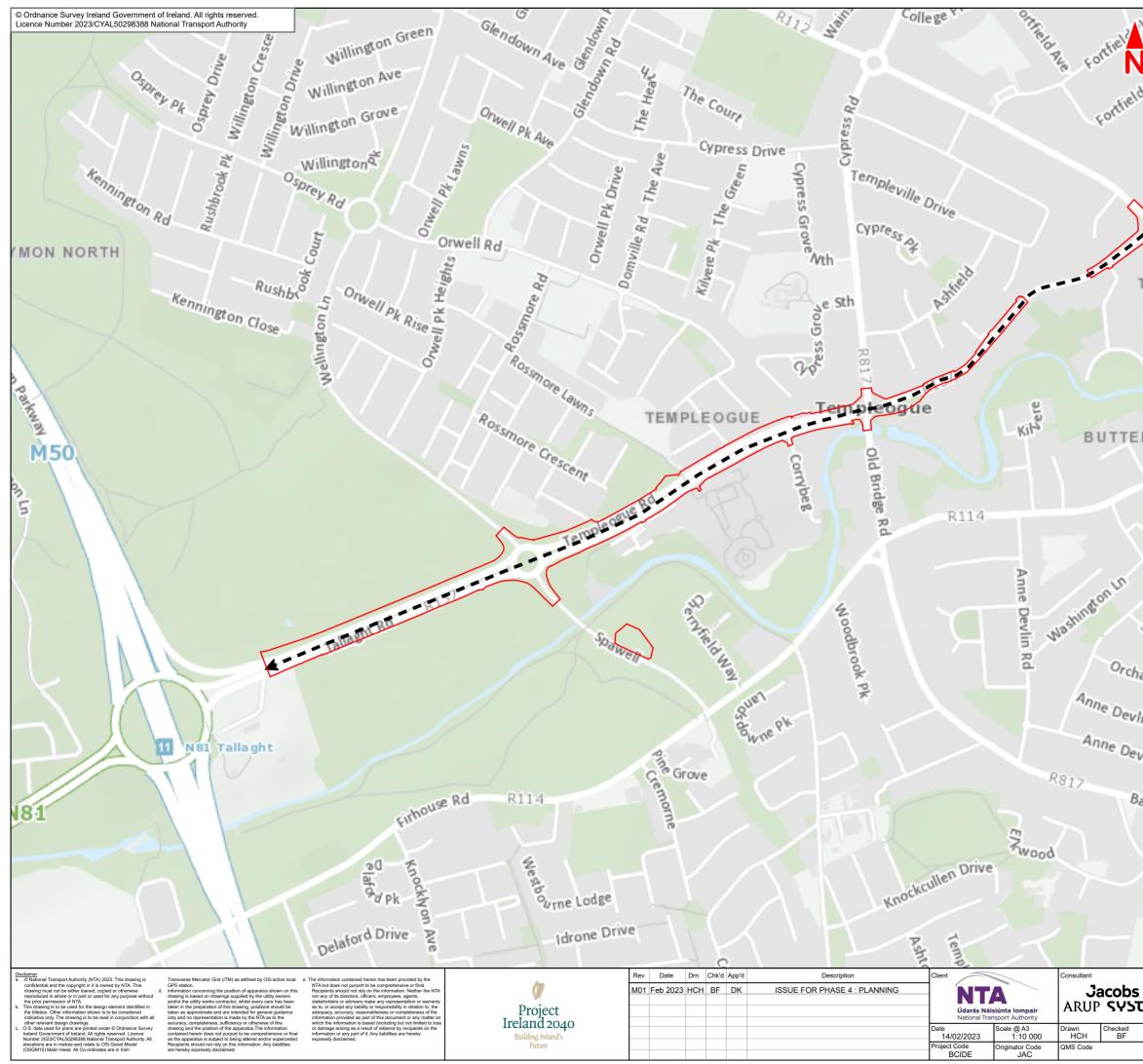


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Approved DK	Drawing Title Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme Figure 6.1 Proposed Scheme Extents
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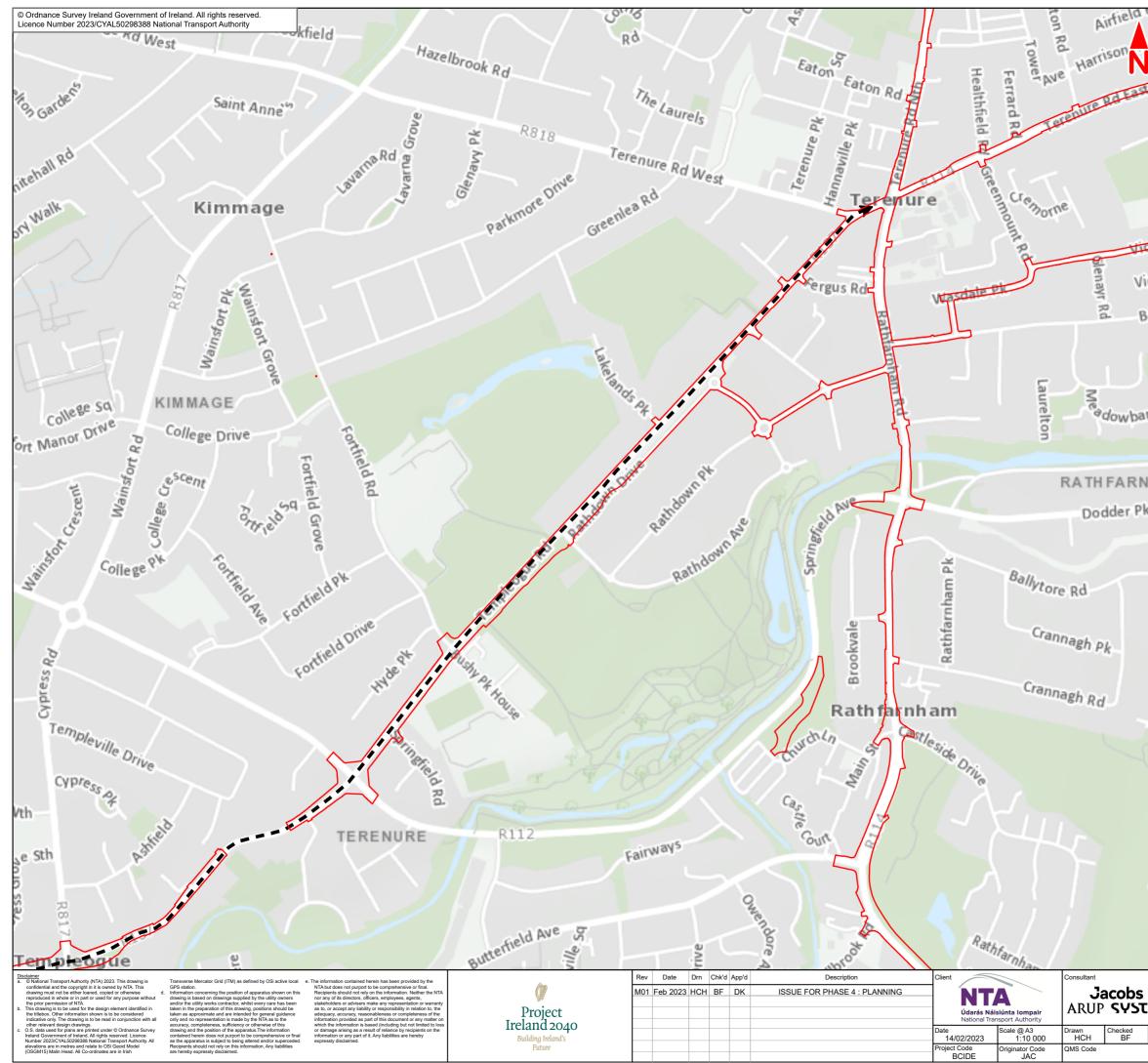
6.2a Corridor Sections







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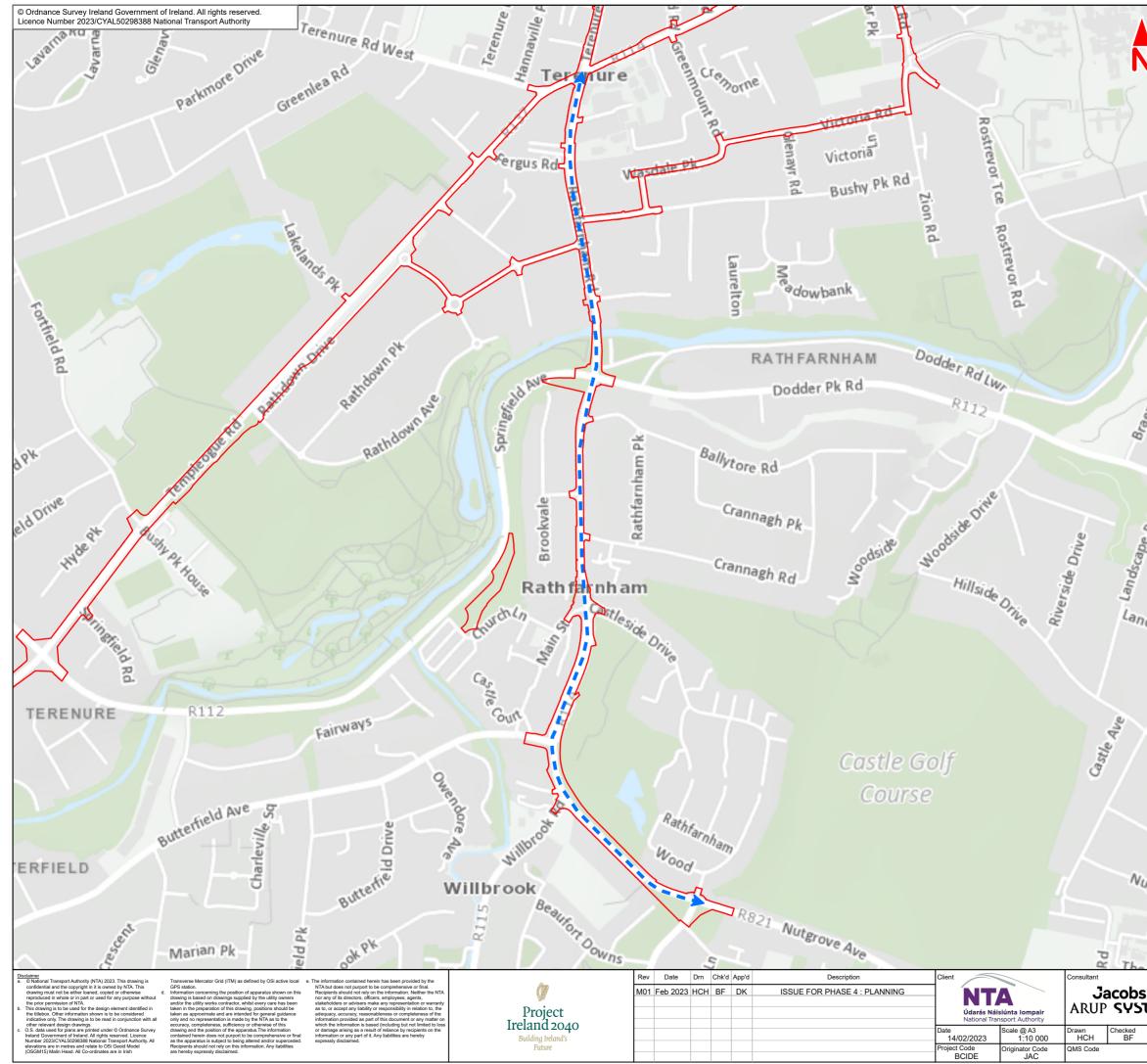


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6.2b Corridor Sections





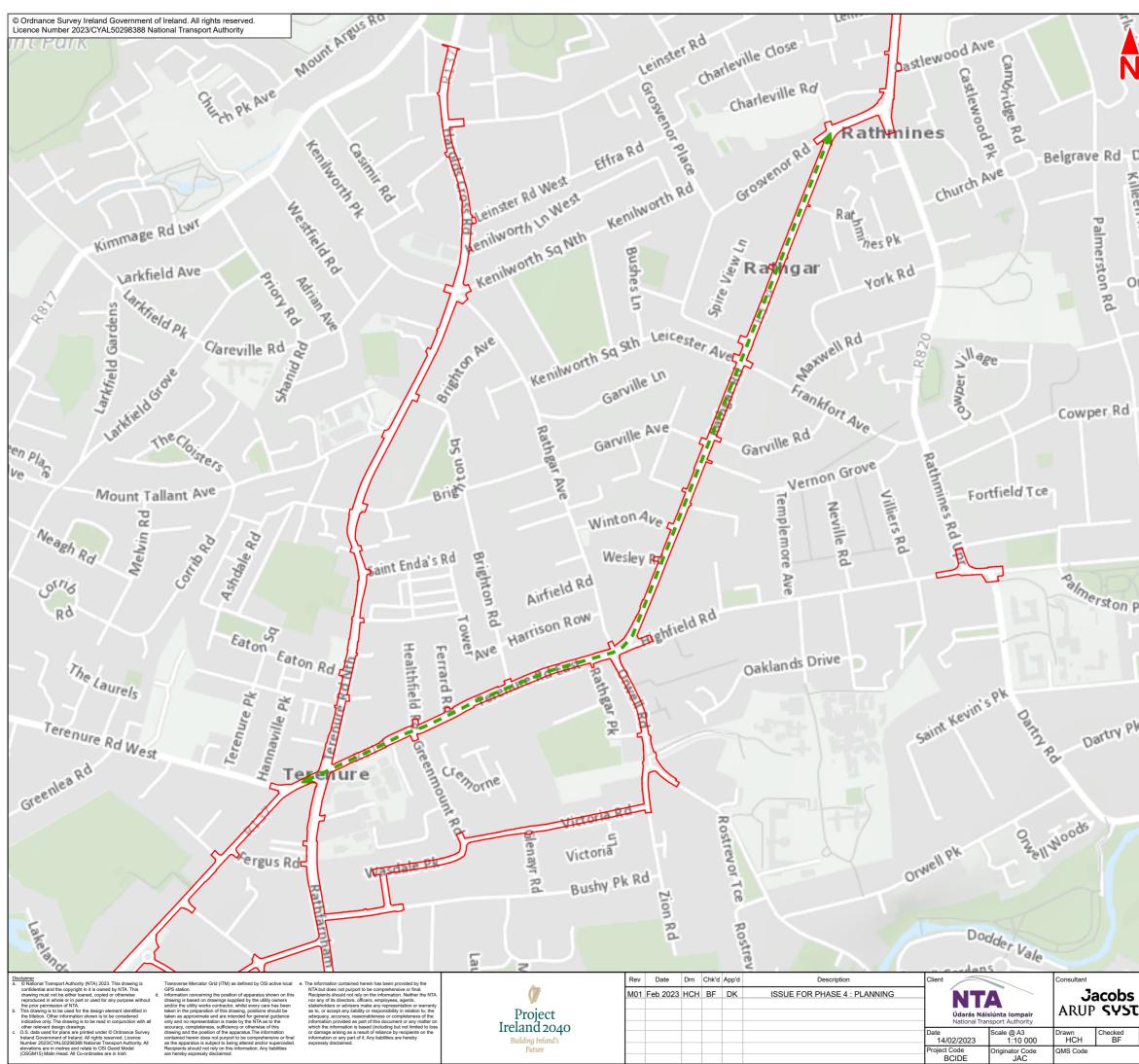


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6.2c Corridor Sections

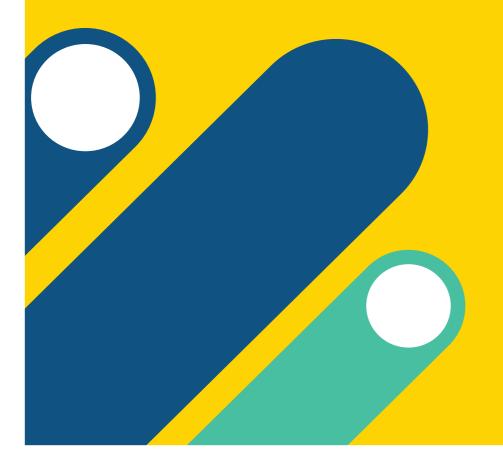




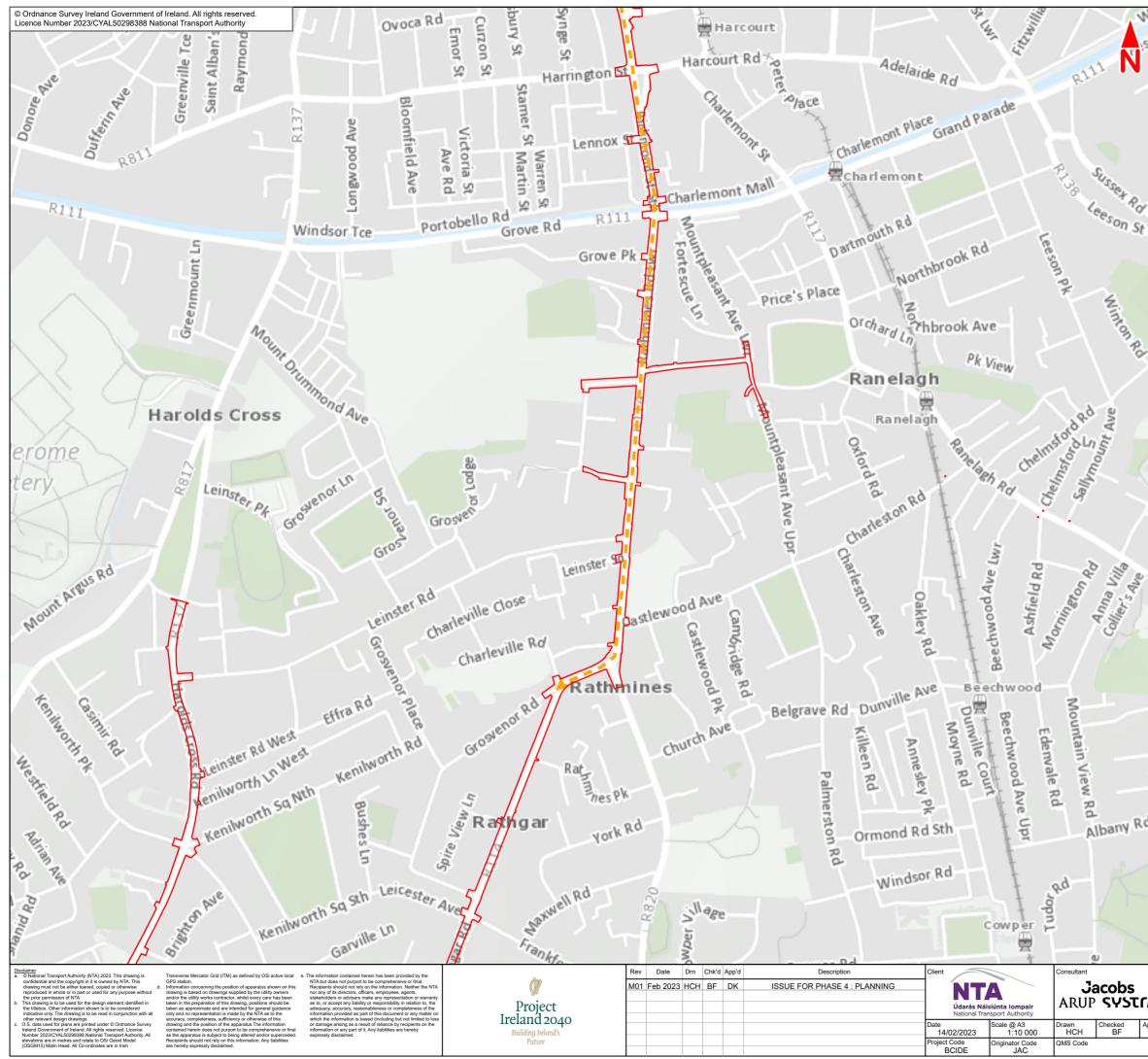


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Approved DK	Corridor Sections Templeogue to City Centre
	Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0104 1 of 1 A M01

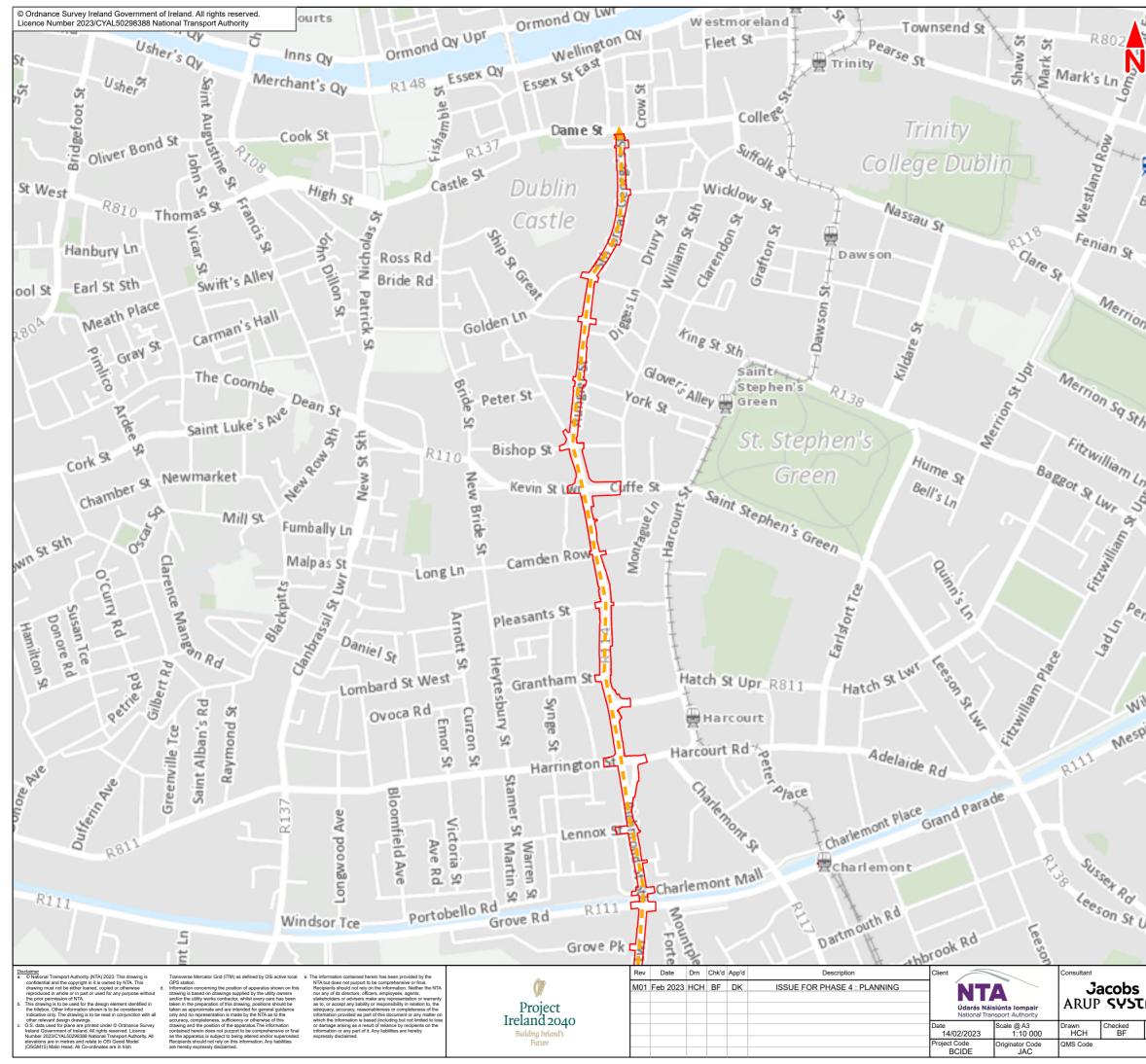
6.2d Corridor Sections







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Approved	Figure 6.2d Corridor Sections
DK	Templeogue to City Centre Drawing File Name Sheet Number Status Rev BCIDF_JAC-FNV TT-1012 XX 00-DR-GG-0105 1 of 2 A M01

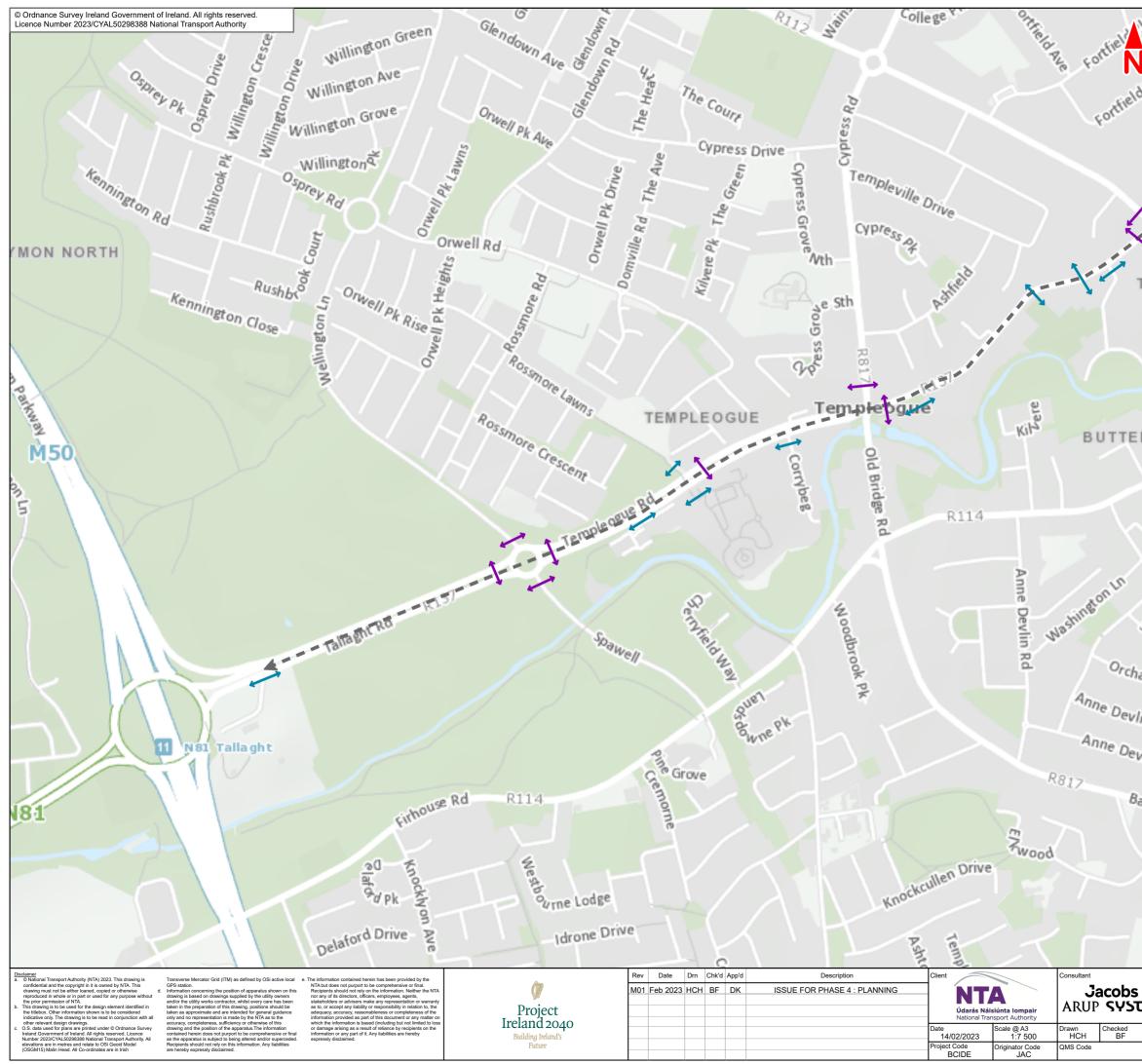


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	Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0106 2 of 2 A M01

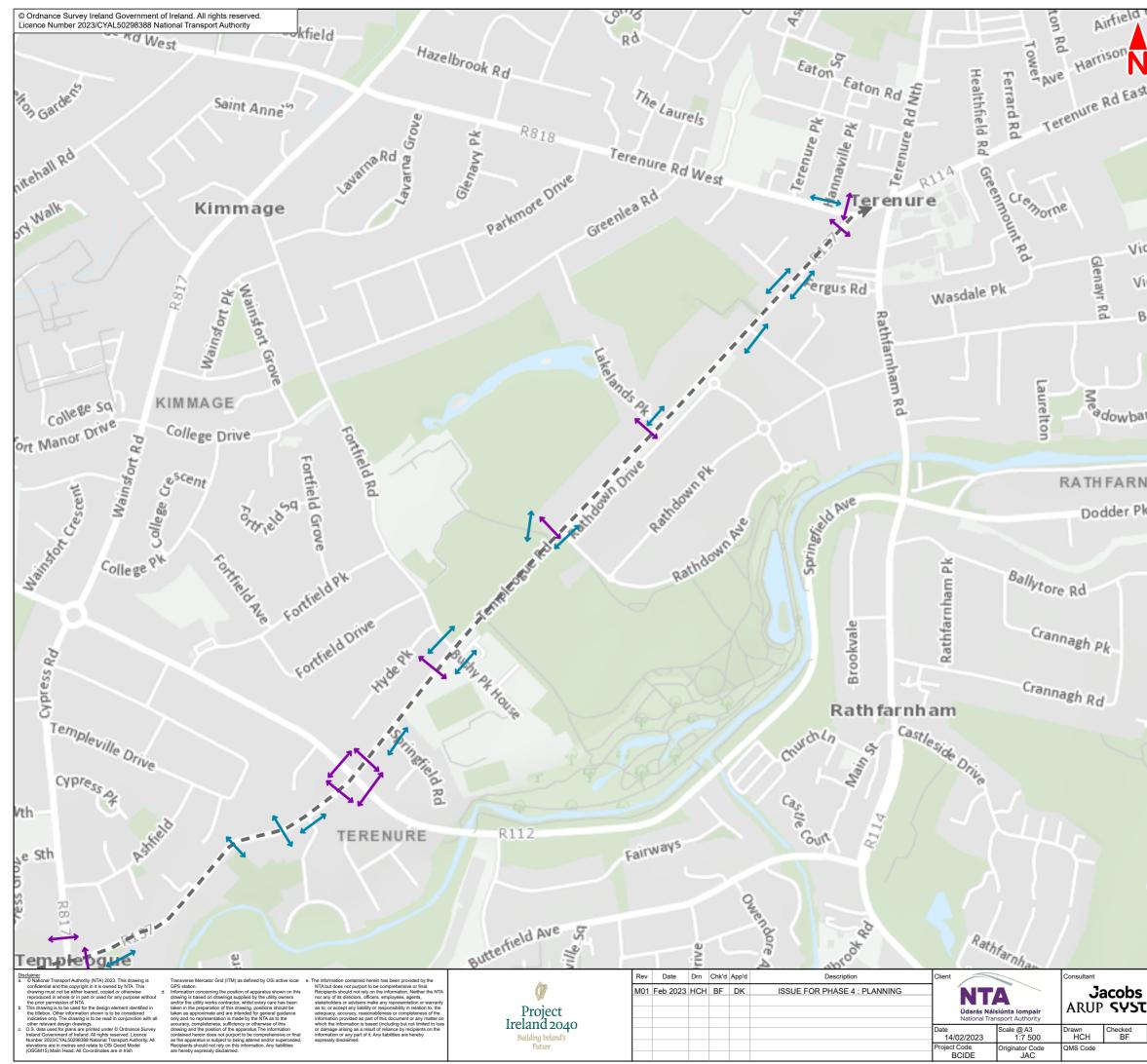
6.3a Baseline Pedestrian Facilities







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Approved	Figure 6.3a Baseline Pedestrian Facilities
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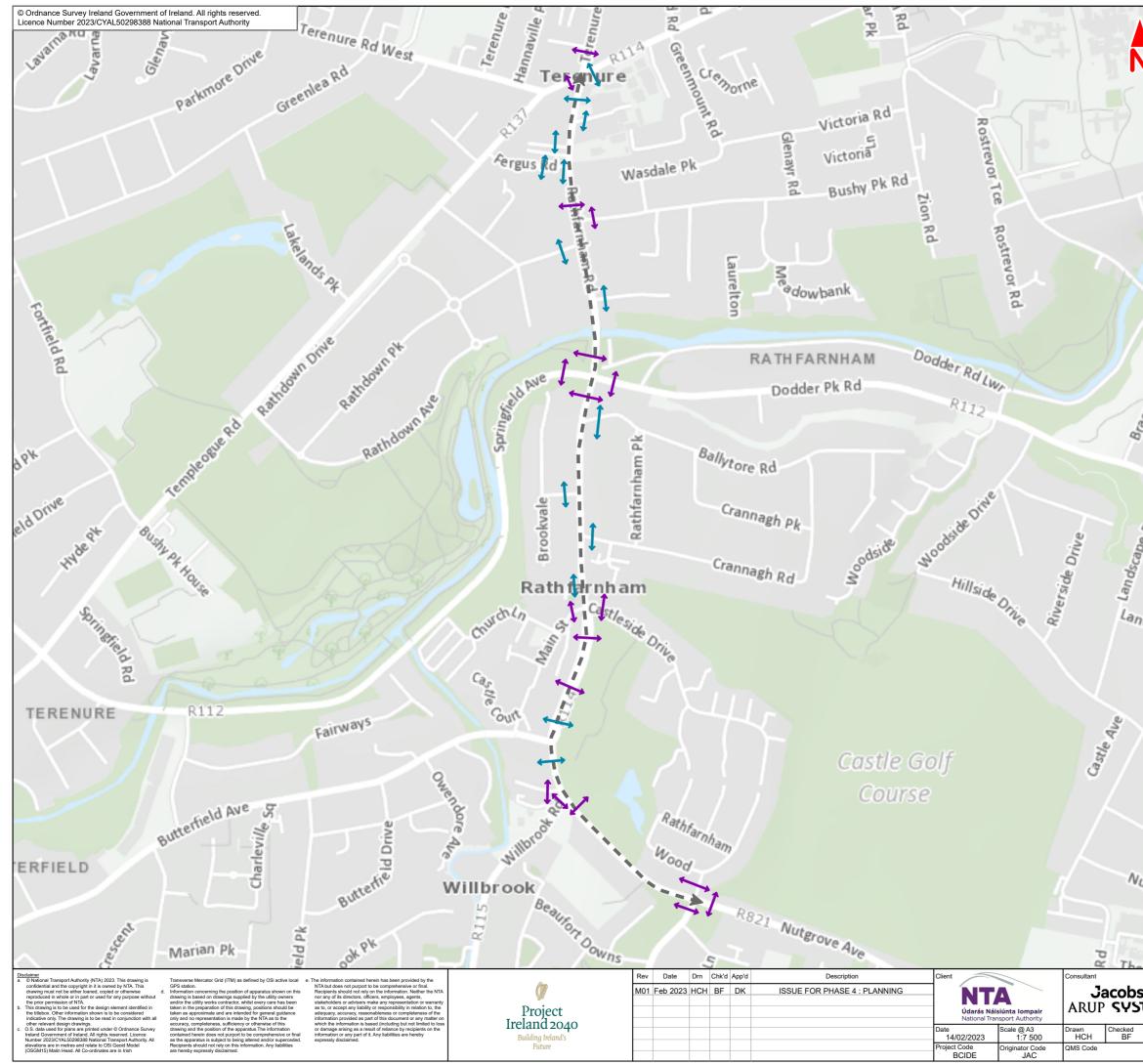


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Approved DK	Baseline Pedestrian Facilities Templeogue to City Centre Drawing File Name Sheet Number Status Rev
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6.3b Baseline Pedestrian Facilities





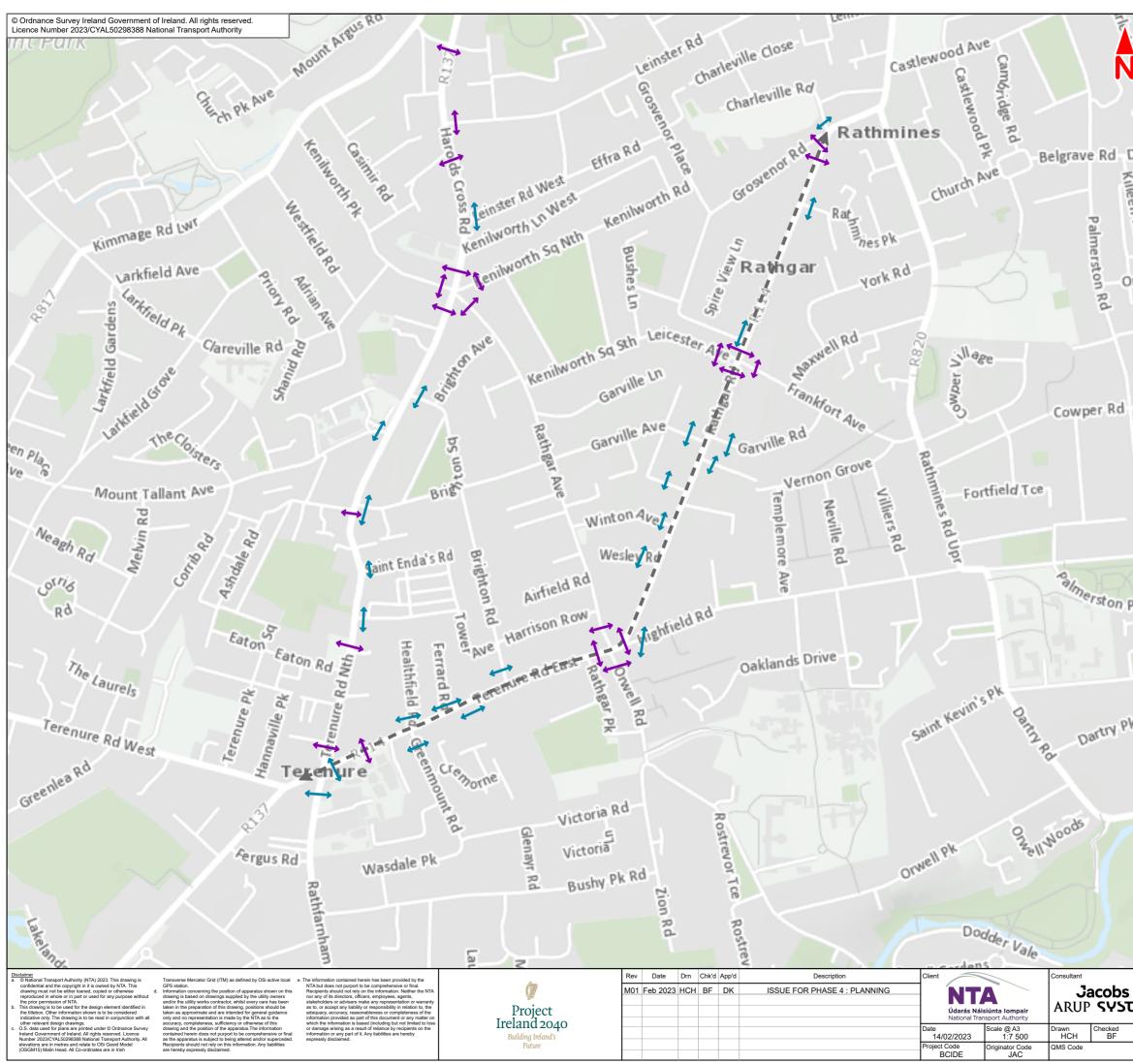


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6.3c Baseline Pedestrian Facilities





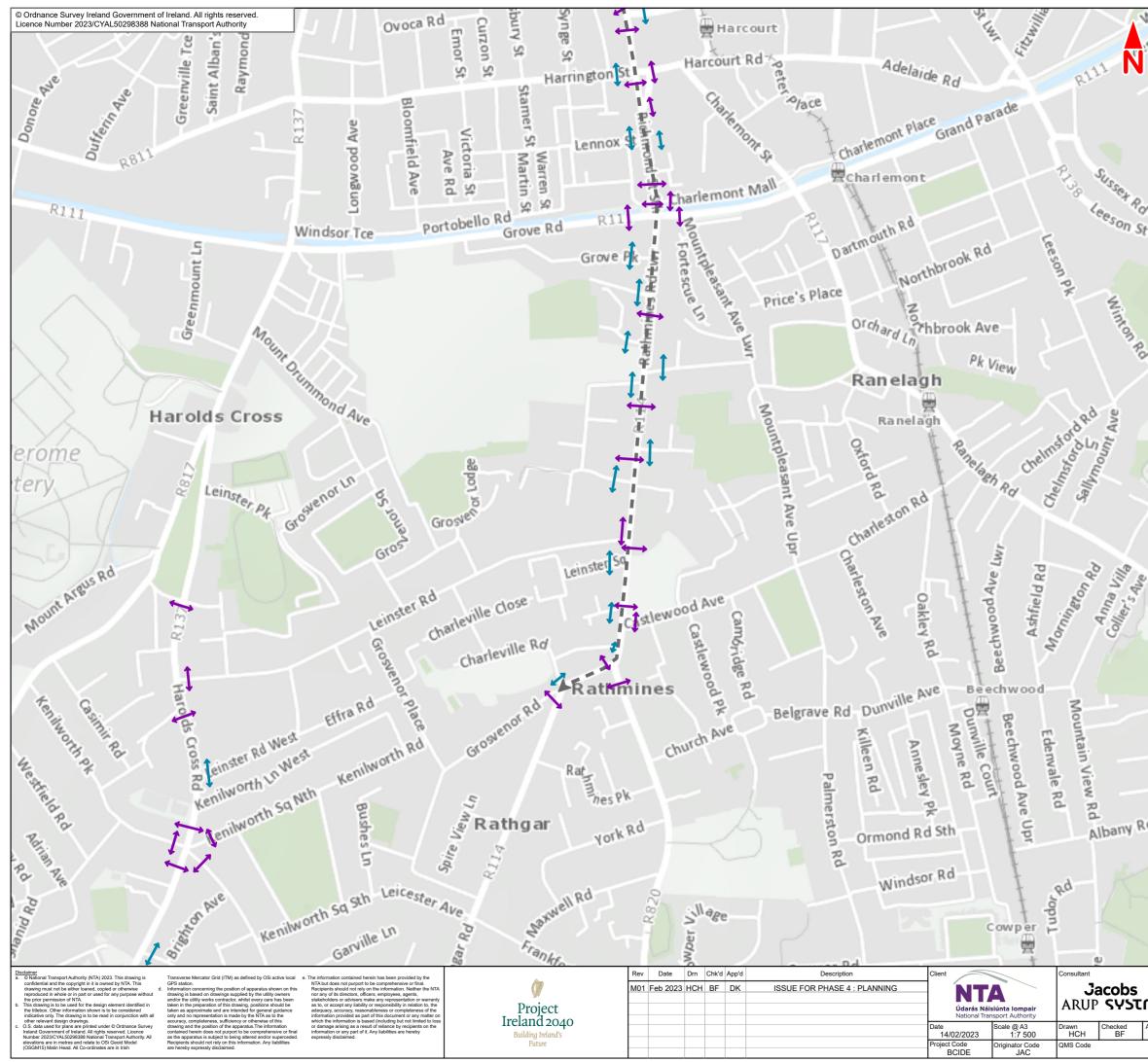


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Approved	Figure 6.3c Baseline Pedestrian Facilities
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#### **6.3d** Baseline Pedestrian Facilities

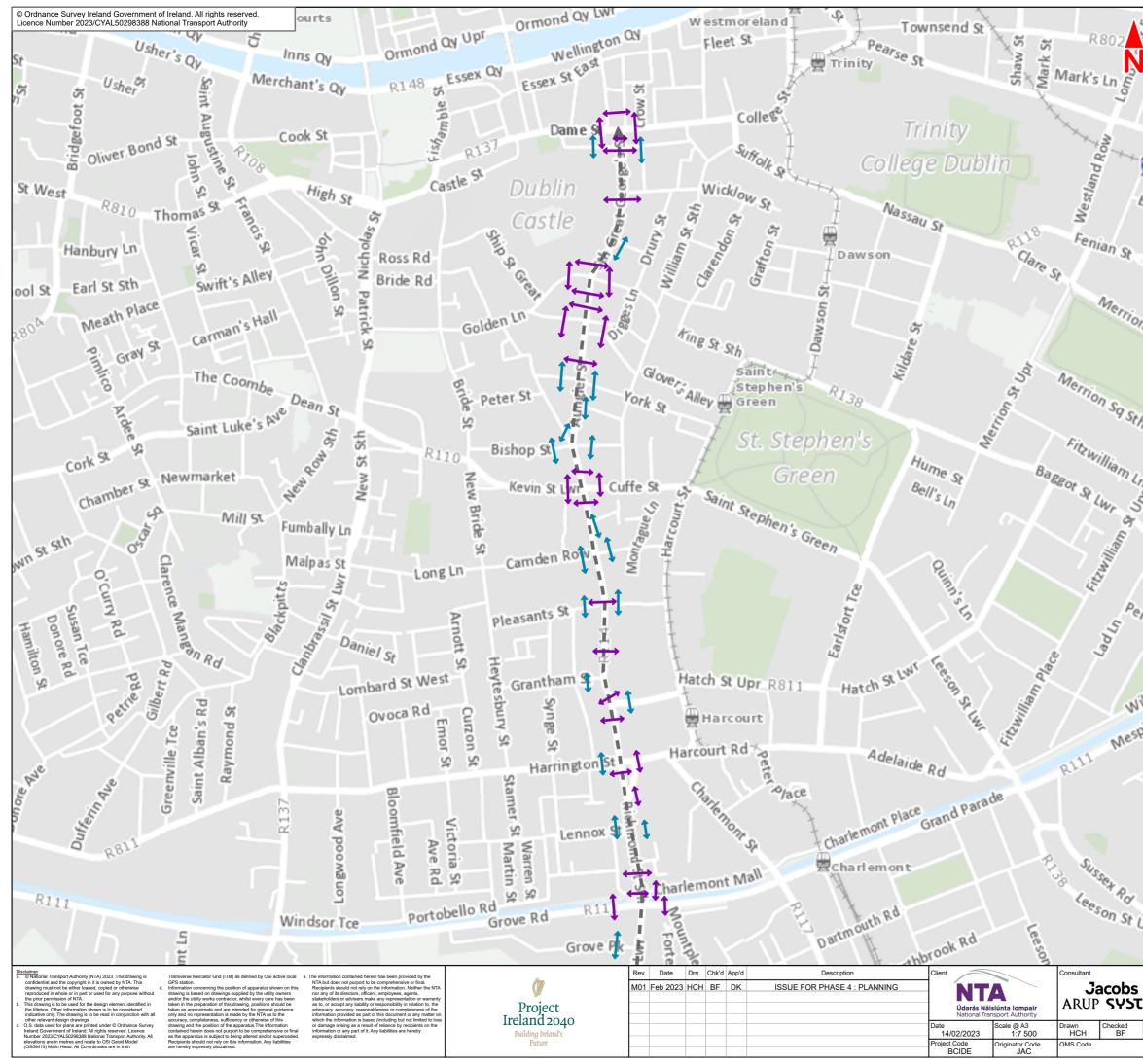






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	Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme Figure 6.3d
Approved DK	Baseline Pedestrian Facilities Templeogue to City Centre

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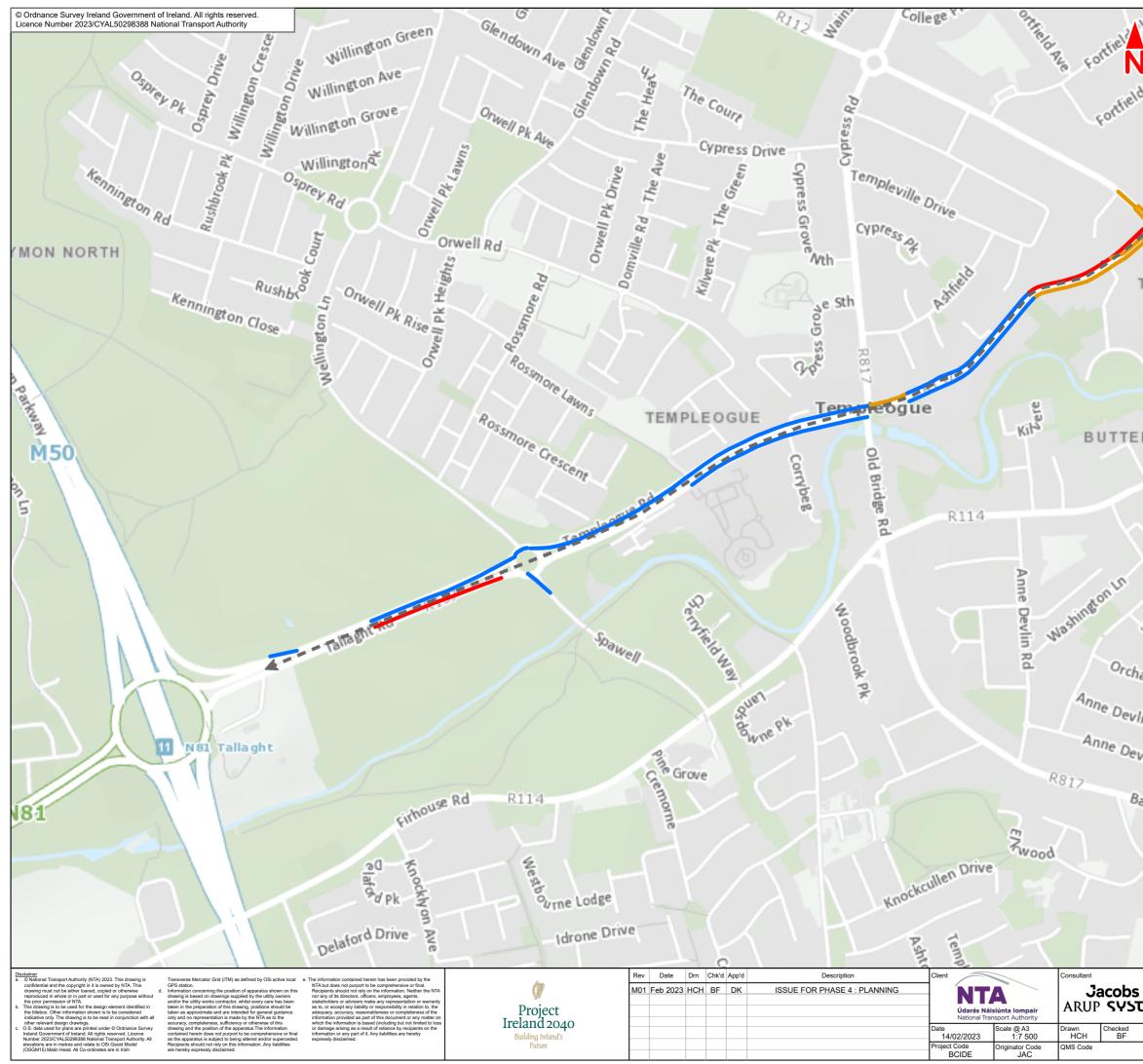


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DK	Templeogue to City Centre Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0206 2 of 2 A M01	

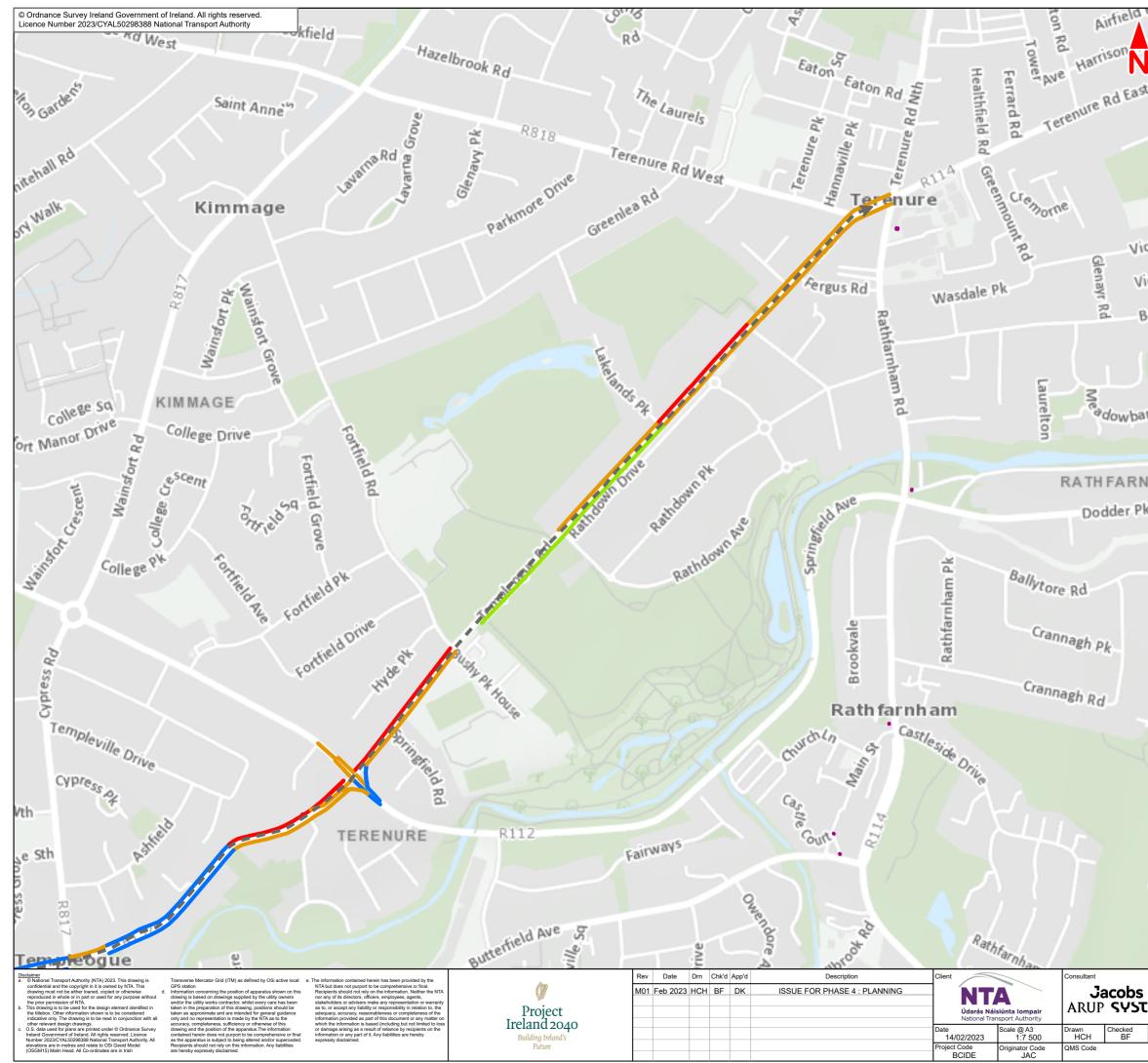
6.4a Baseline Cycle Facilities





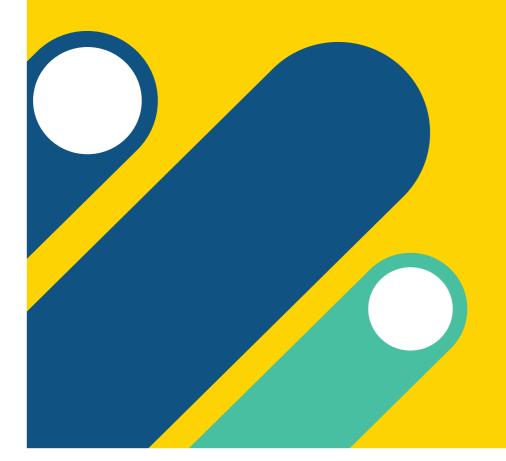


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	Templeogue to City Centre Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0301 1 of 2 A M01

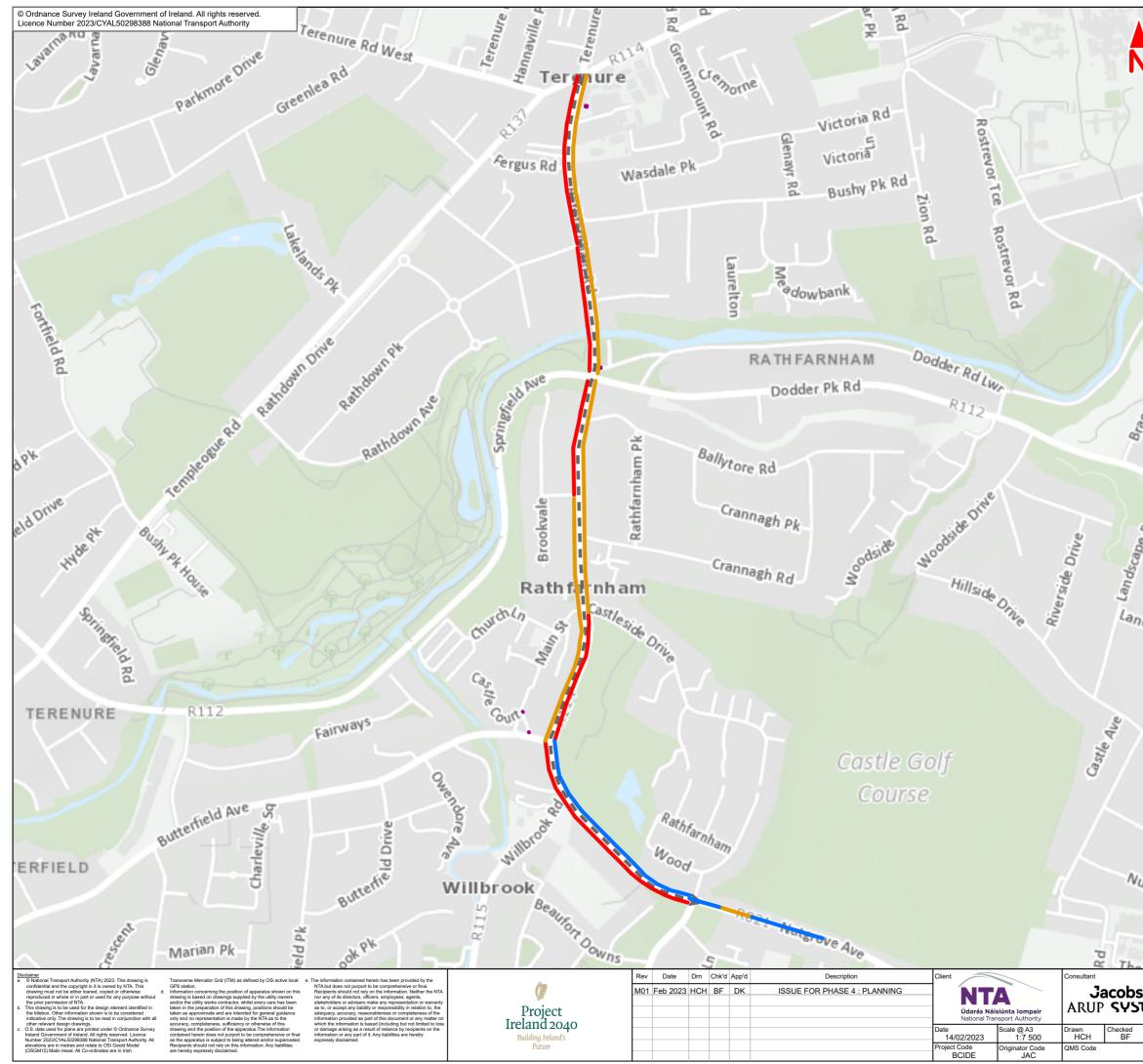


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	Drawing File Name Sheet Number Status Rev BCIDE-JAC-ENV TT-1012 XX 00-DR-GG-0302 2 of 2 A M01

6.4b Baseline Cycle Facilities

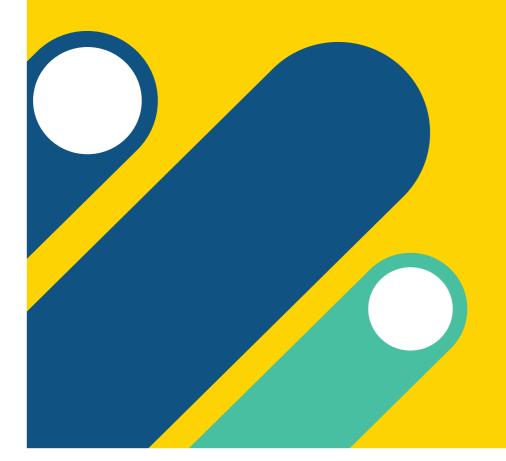




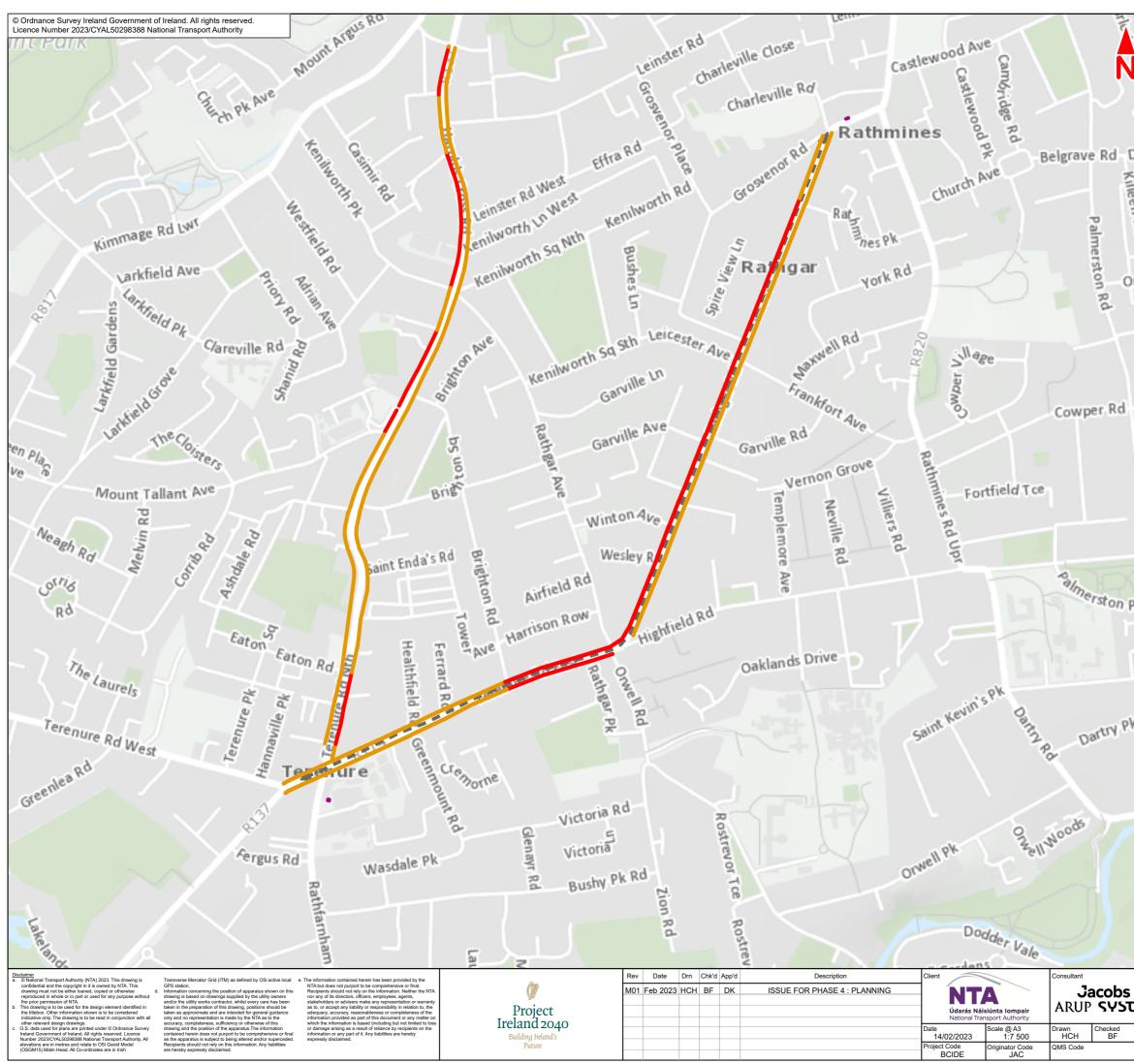


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6.4c Baseline Cycle Facilities





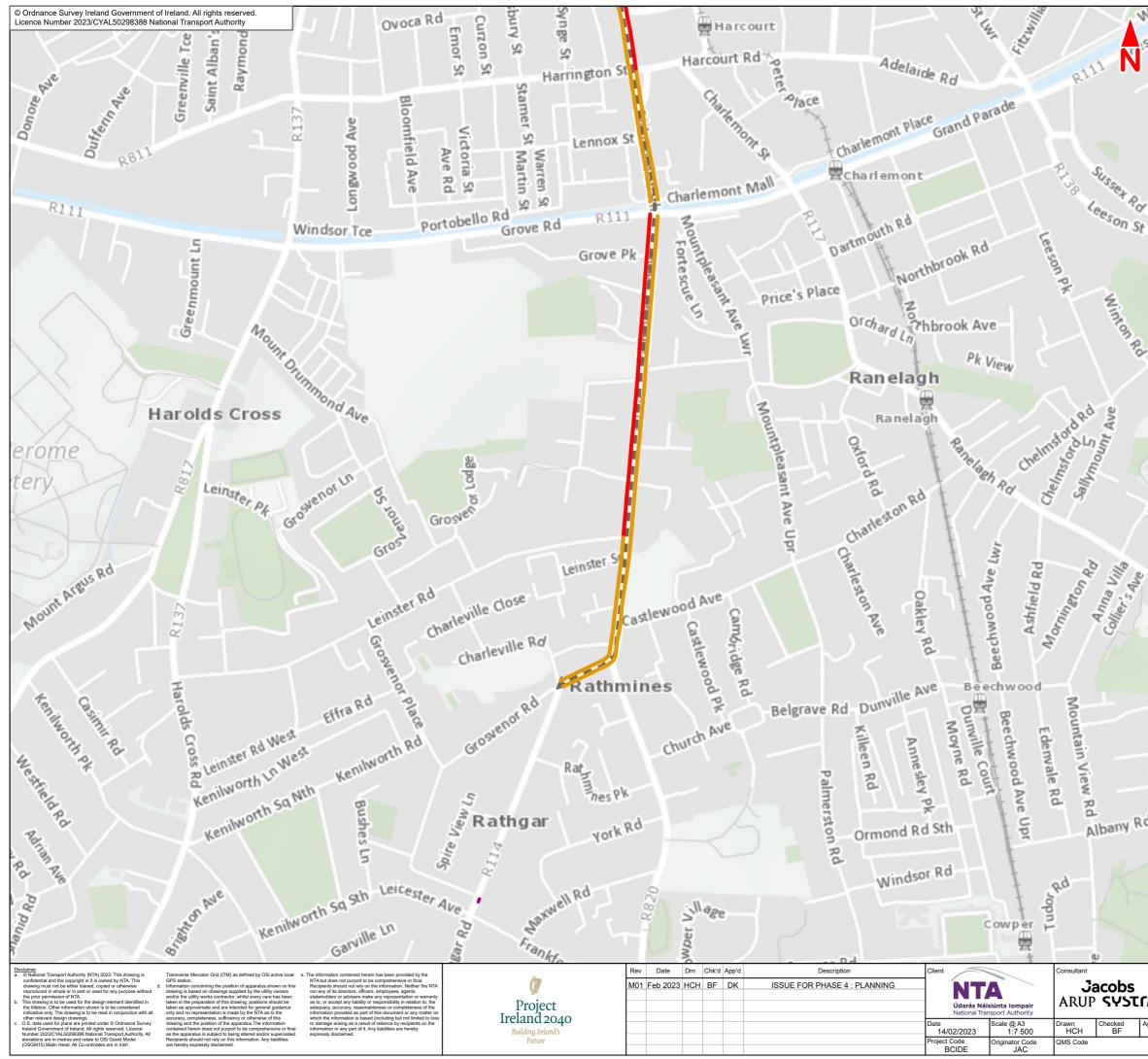


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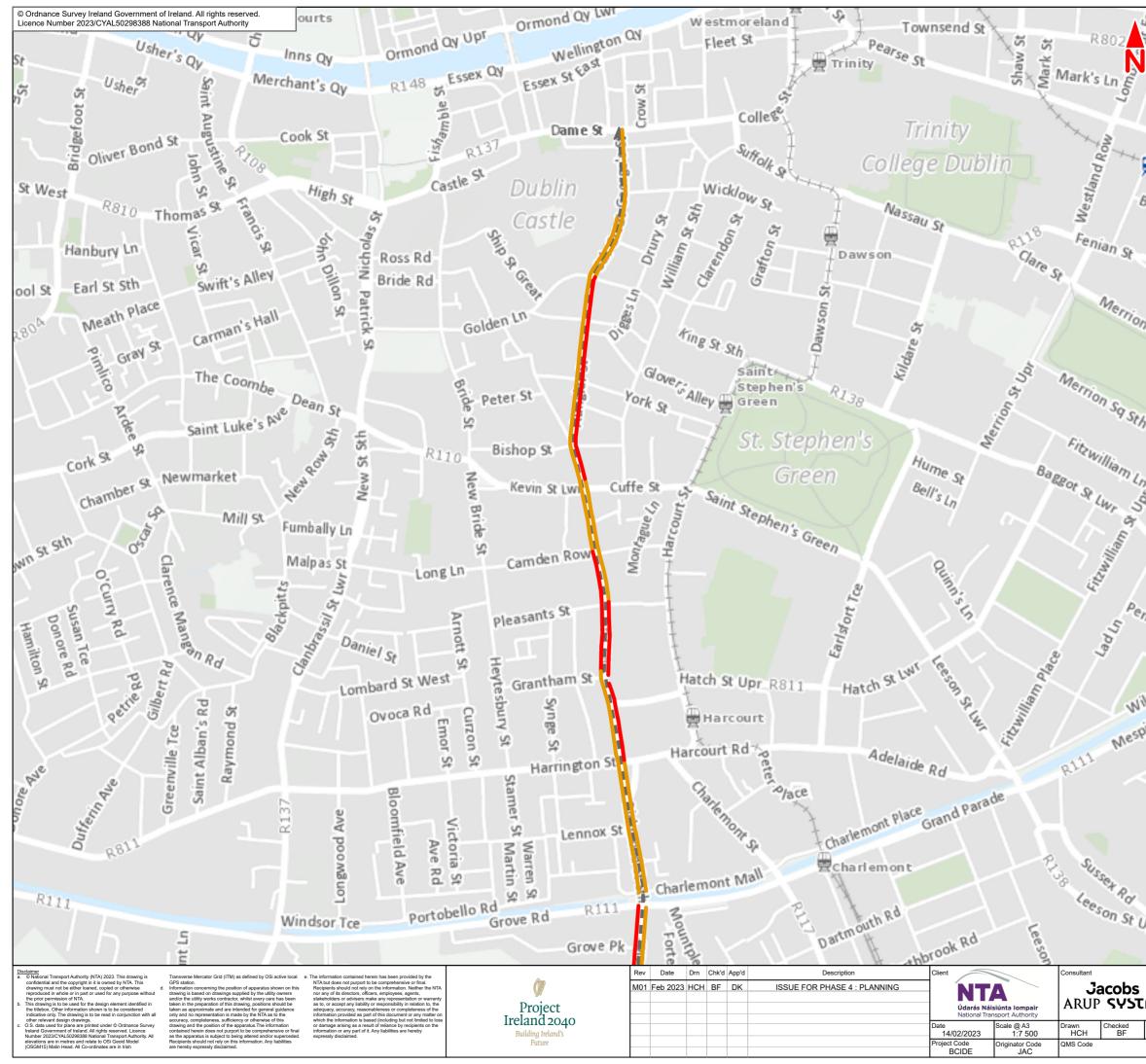
6.4d Baseline Cycle Facilities







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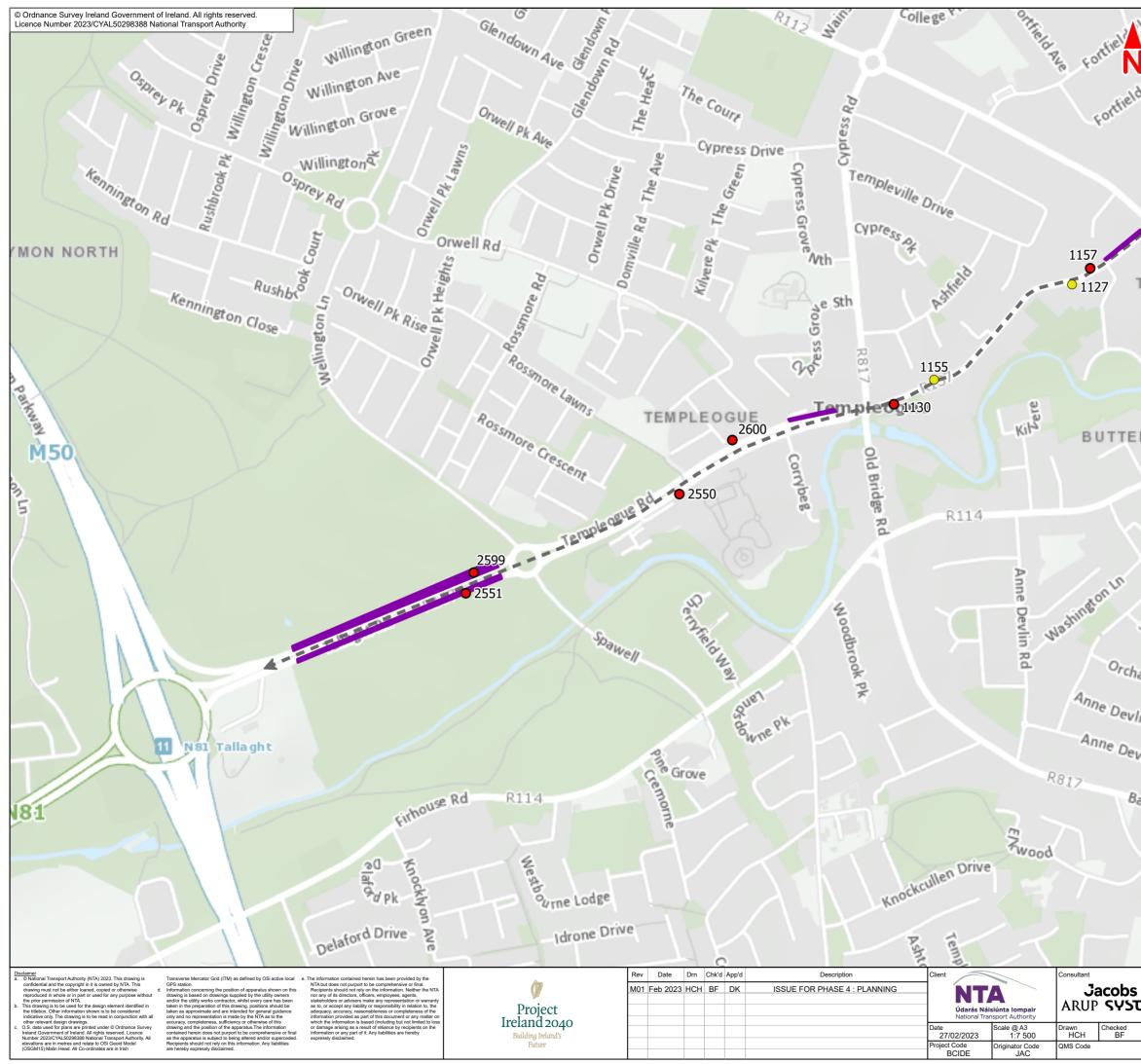


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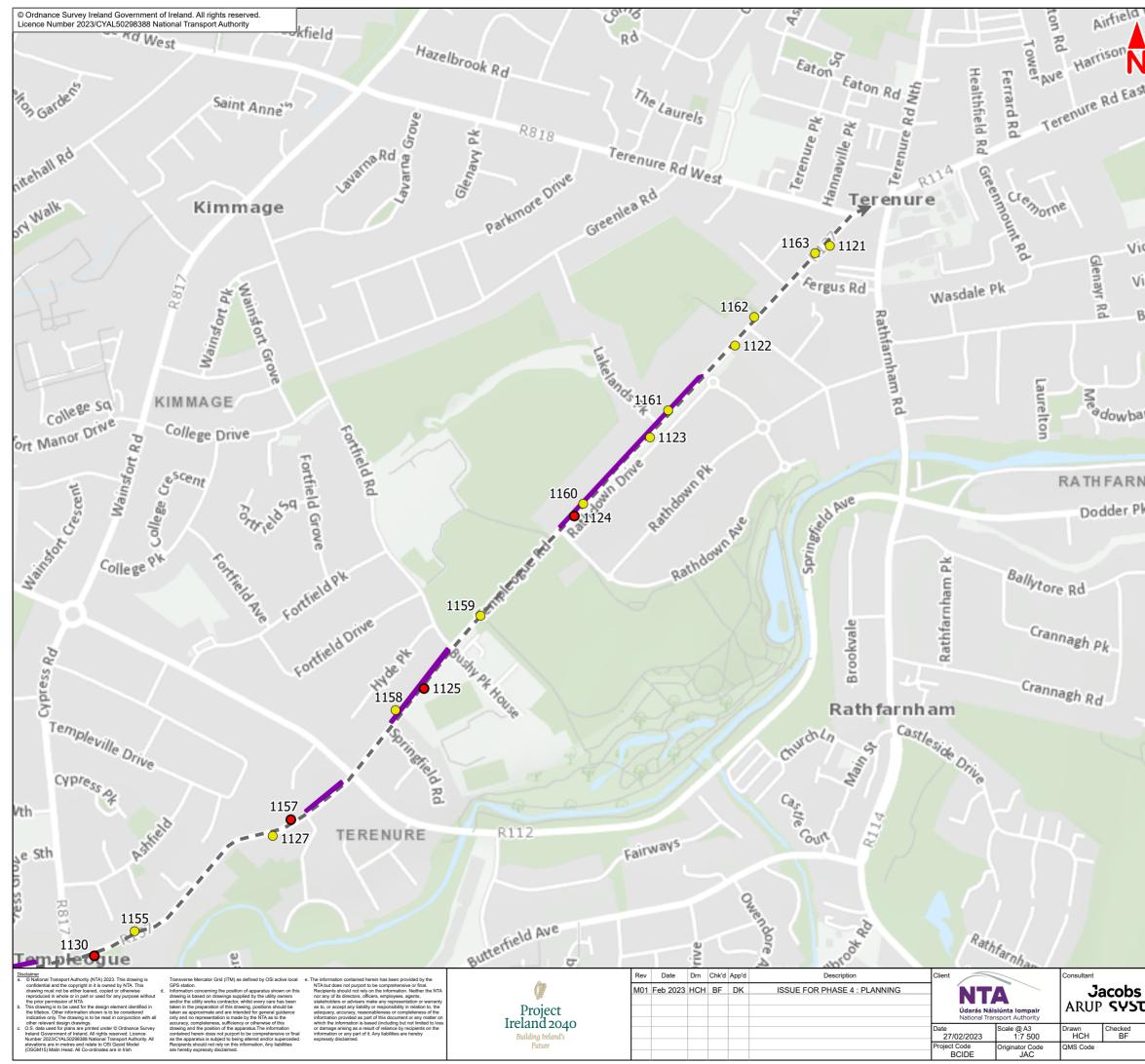
#### **6.5a** Baseline Bus Facilities







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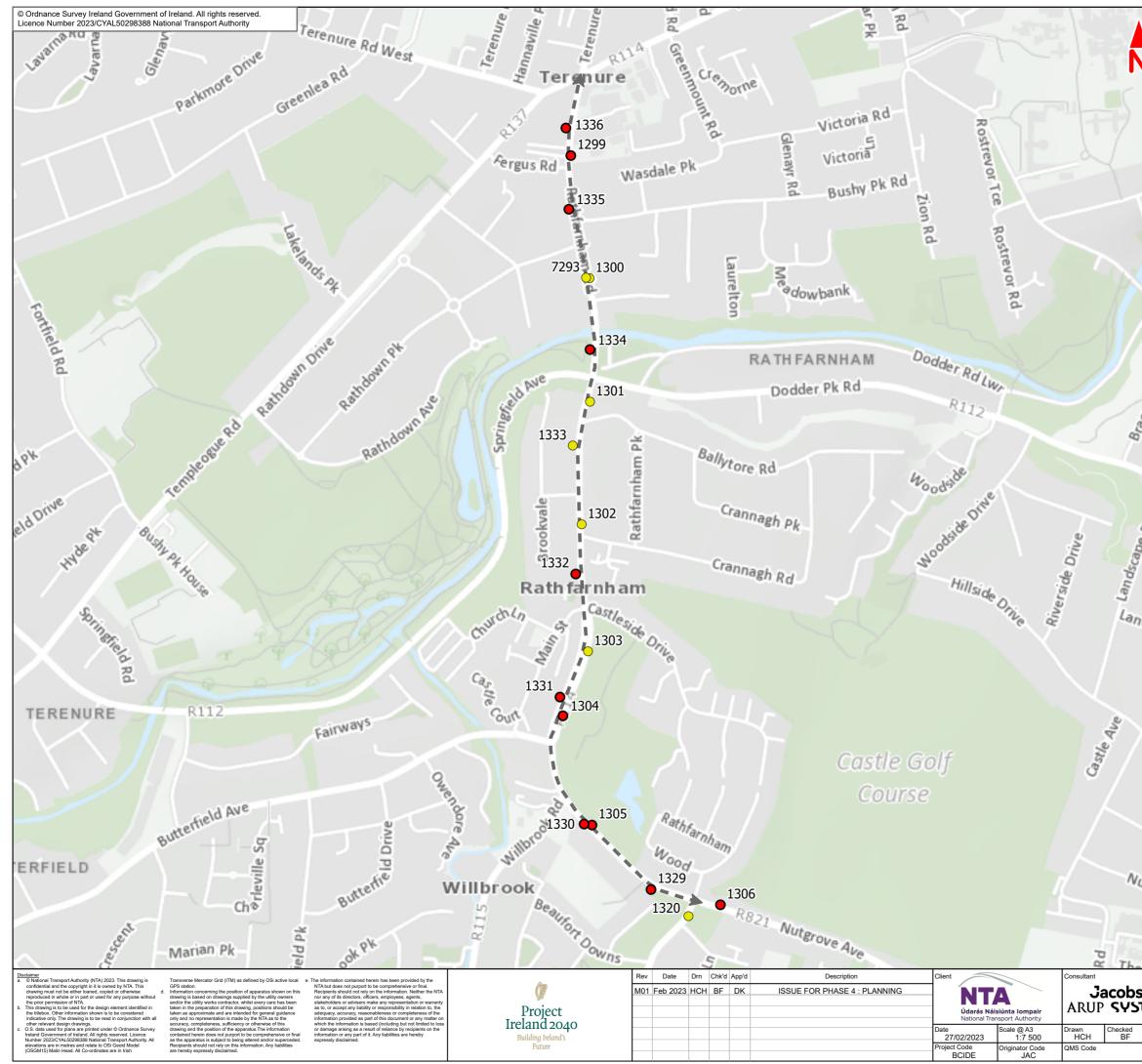


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Bushy P	Legend : Section 1 R137 Tallaght Road, R137 Templeogue Road to R114 Rathfarnham Road
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ank	Existing Bus Stop without Shelter
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	<b>Note 1:</b> Facilities contained within the Templeogue / Rathfarnham to City Centre Core Bus Corridor Scheme boundary are displayed; those outside the scheme boundary are not shown
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Approved DK	Baseline Bus Facilities           Templeogue to City Centre           Drawing File Name         Sheet Number         Status         Rev           BCIDE_JAC-ENV         TT-1012         XX         00-DR-GG-0402         2 of 2         A         M01

# **6.5b** Baseline Bus Facilities





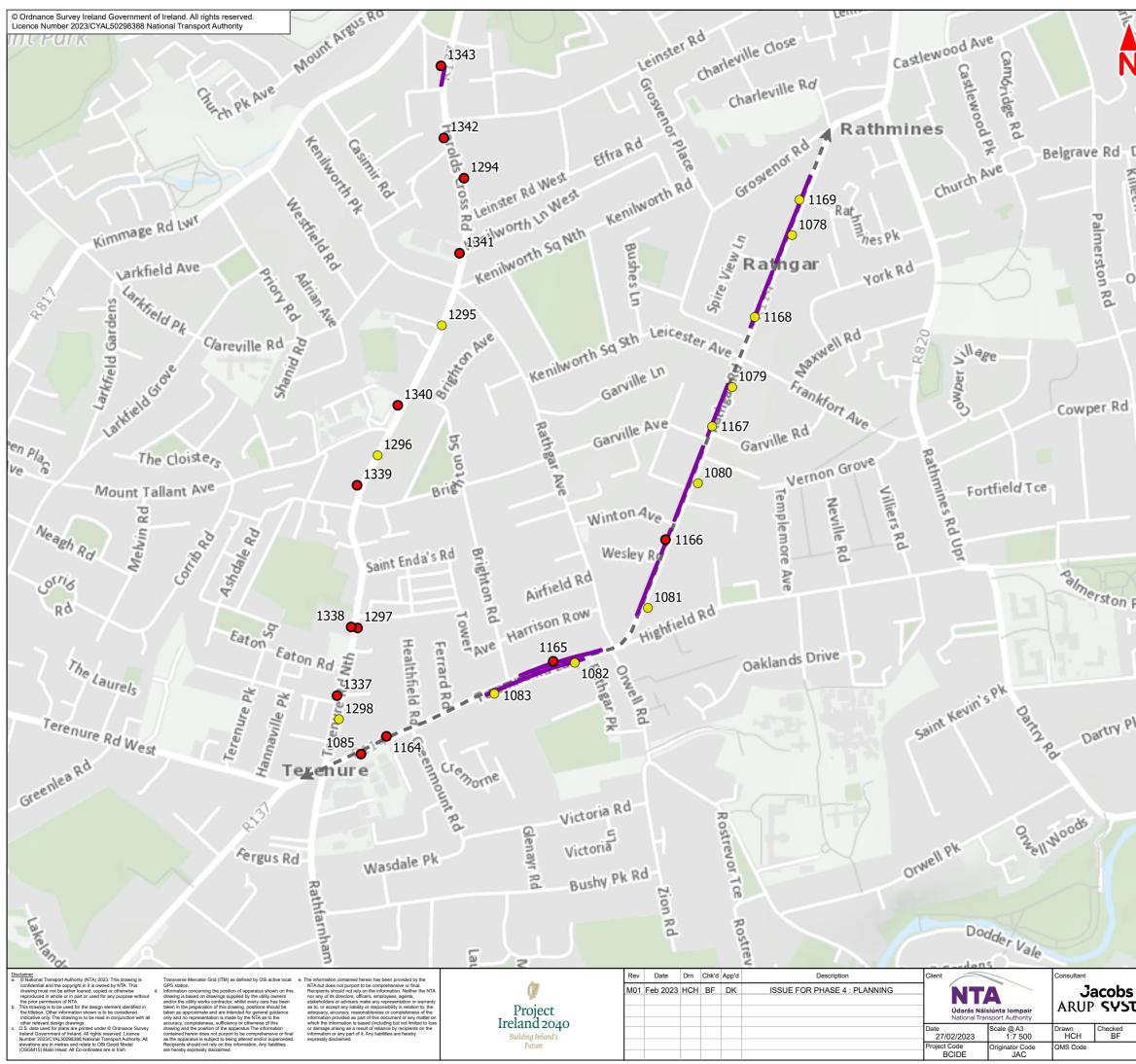


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Approved DK	Figure 6.5b Baseline Bus Facilities Rathfarnham to City Centre
	Drawing File Name BCIDE-JAC-ENV_TT-1012_XX_00-DR-GG-0403 1 of 1 A M01

# **6.5c** Baseline Bus Facilities



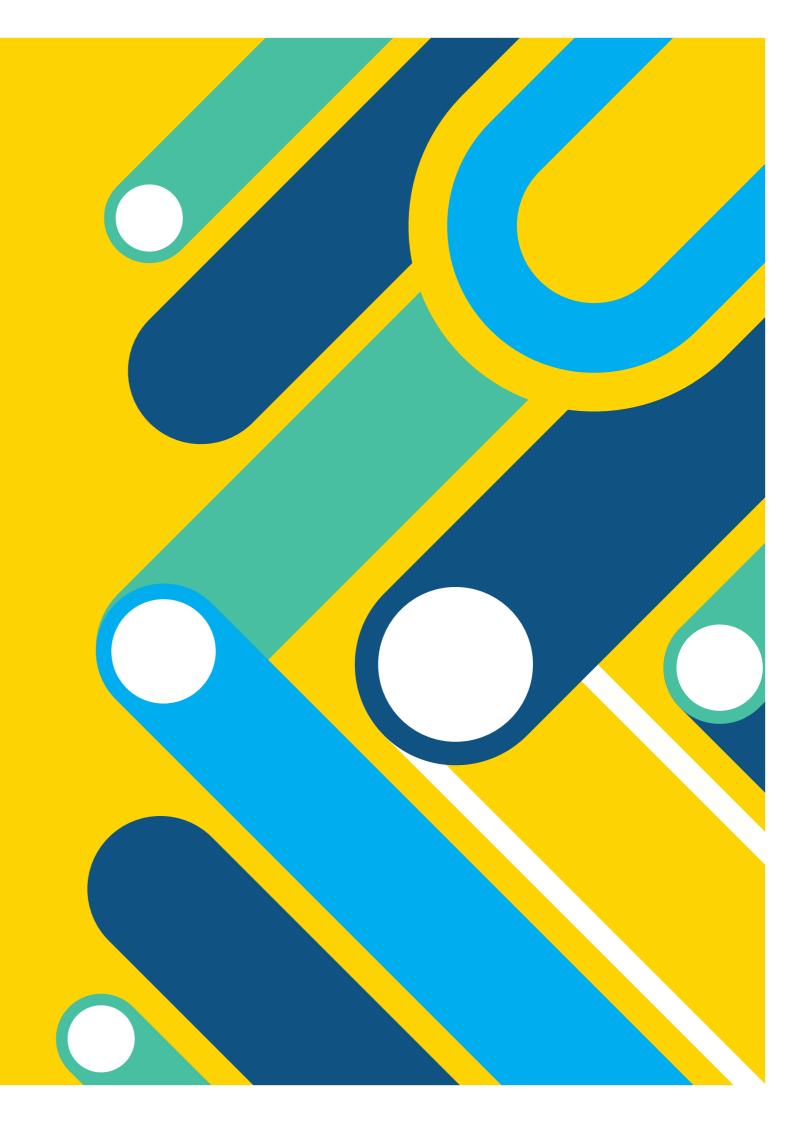


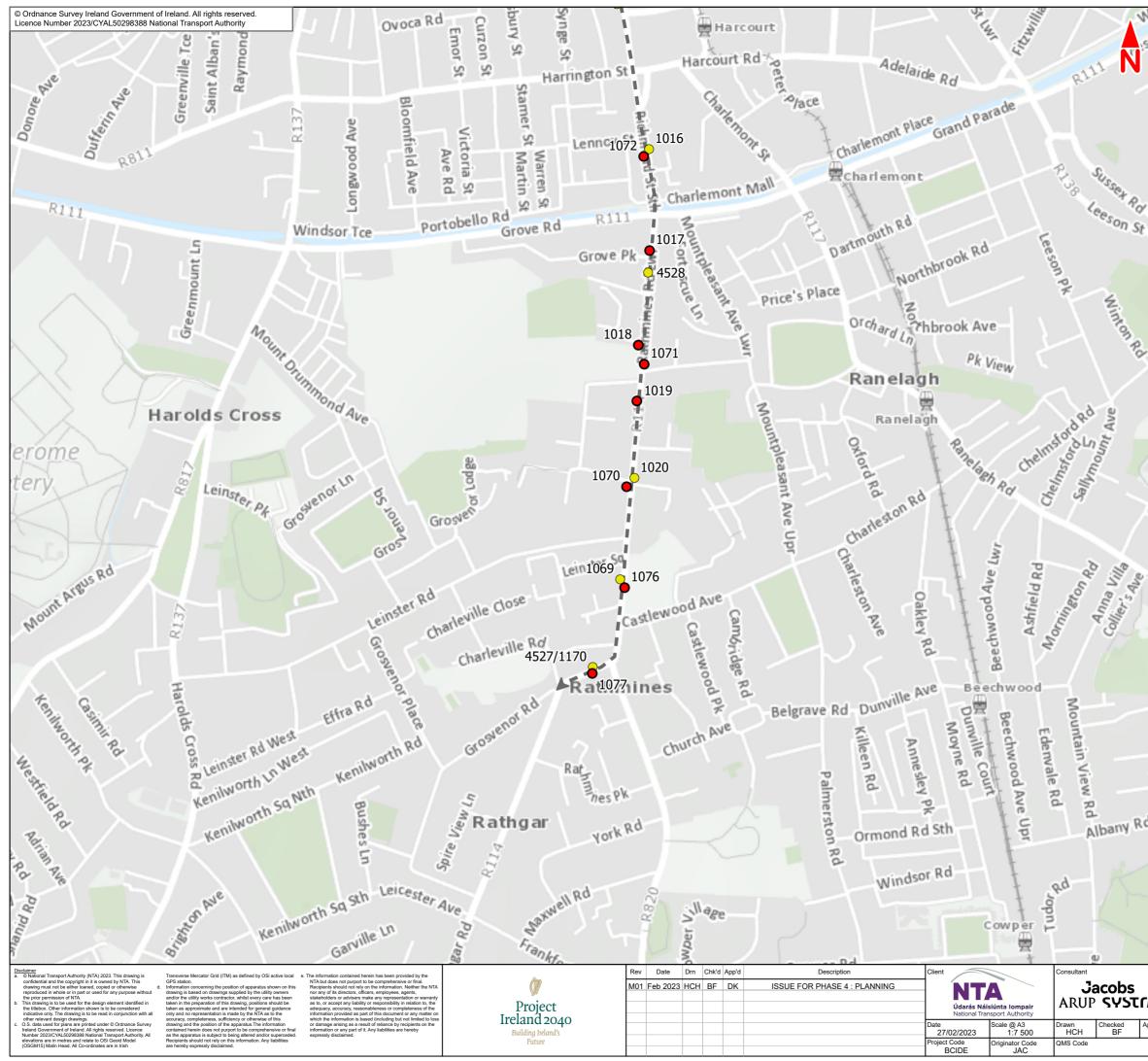


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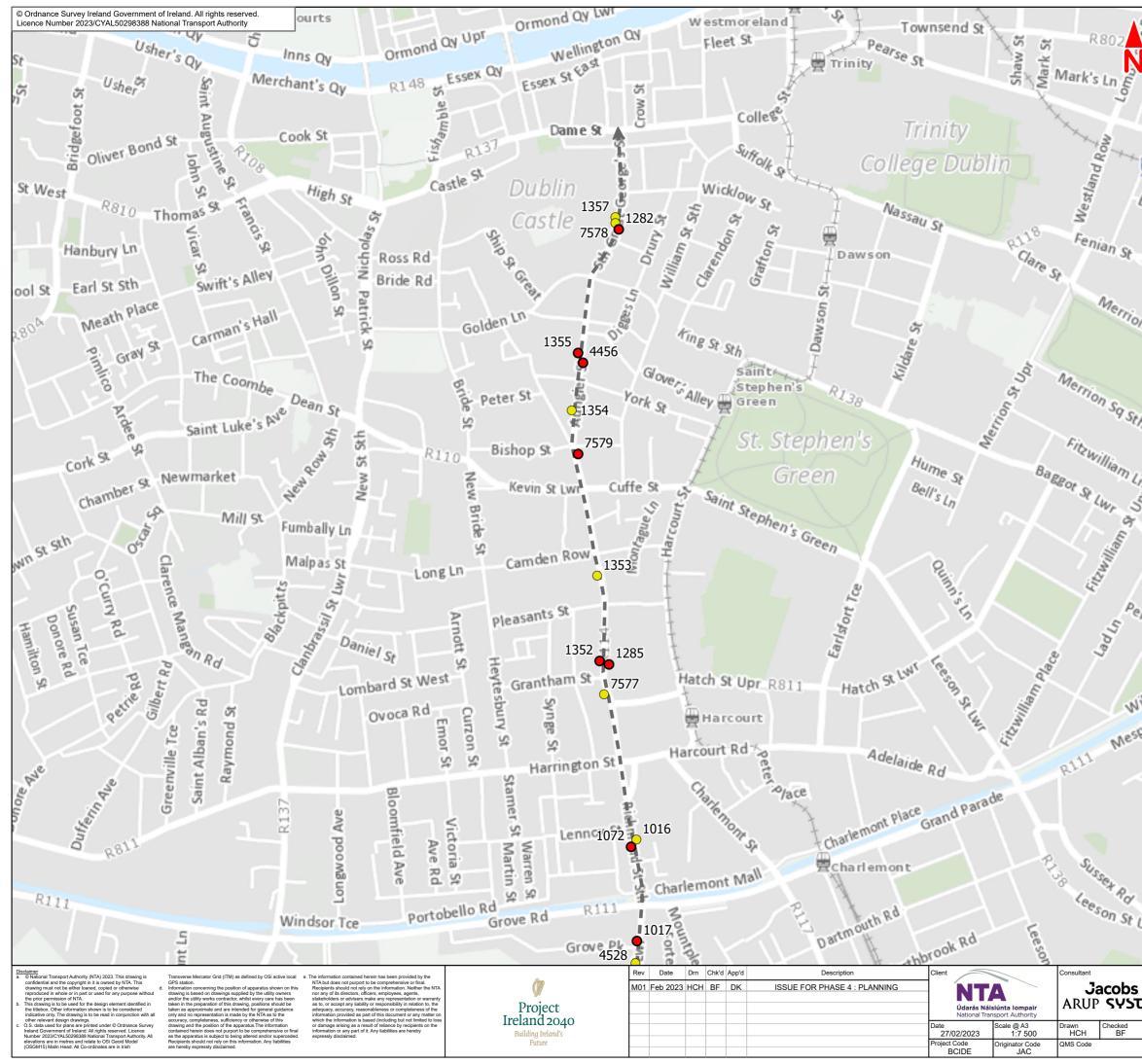
# **6.5d** Baseline Bus Facilities







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Approved DK	Figure 6.5d Baseline Bus Facilities Templeogue to City Centre
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# **6.6** Aerial Views of Key Junctions







### B) R137 TEMPLEOGUE ROAD / R817 CYPRESS GROVE ROAD AND OLD BRIDGE RO.

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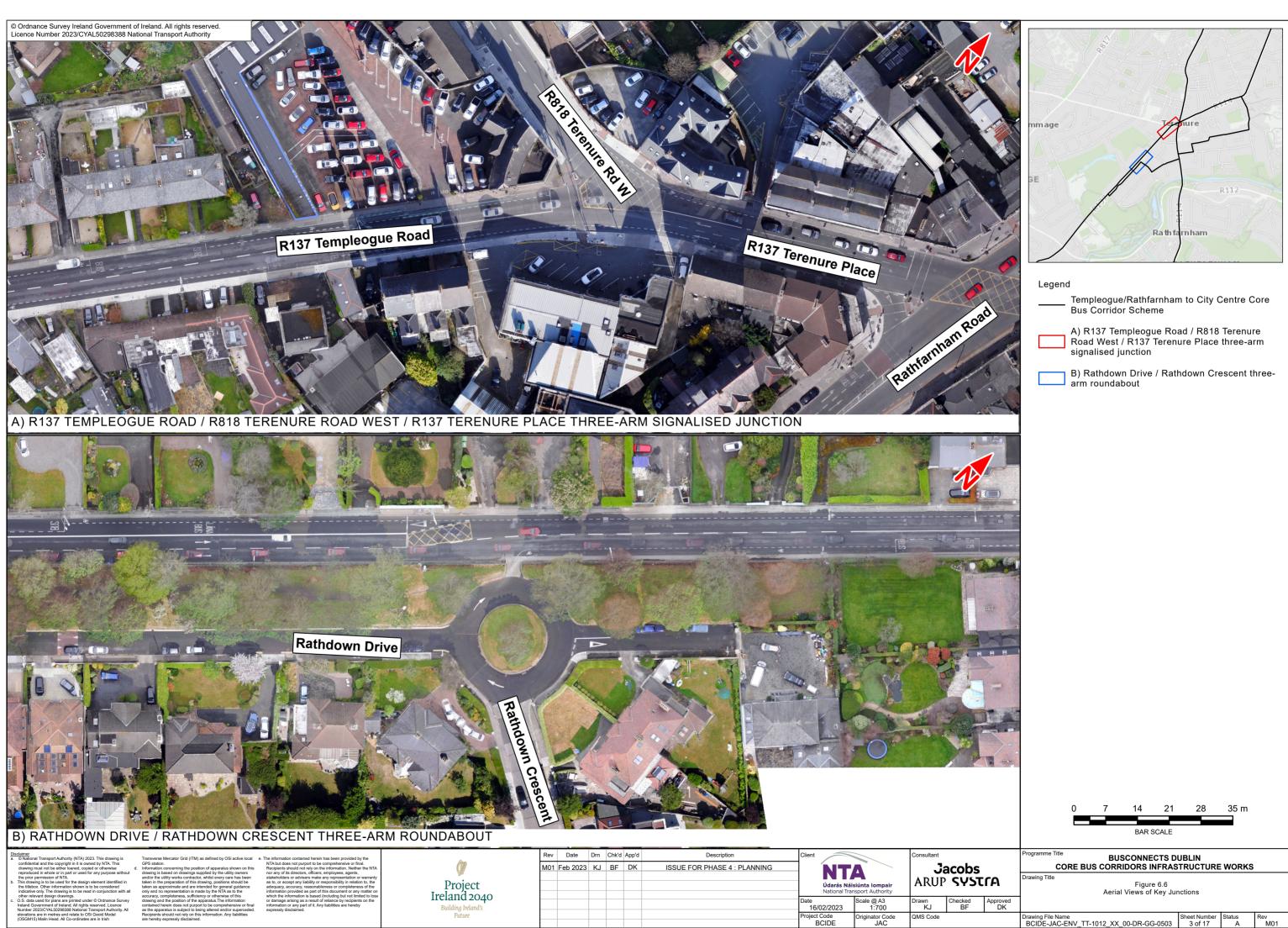
		RIL2S
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Spavel		Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme A) Spawell four-arm Roundabout B) R137 Templeogue Road / R817 Cypress Grove Road and Old Bridge Road four arm signalised junction
R137 Templeo	Pgue Road	0 7 14 21 28 35 m
OAD FOUR ARM SIGNALISED JUNCTION           Rev         Date         Drn         Chk/d         App'd         Description	Client Consultant	BAR SCALE
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A) RATHDOWN CRESCENT / RATHDOWN PARK FOUR-ARM ROUNDABOUT

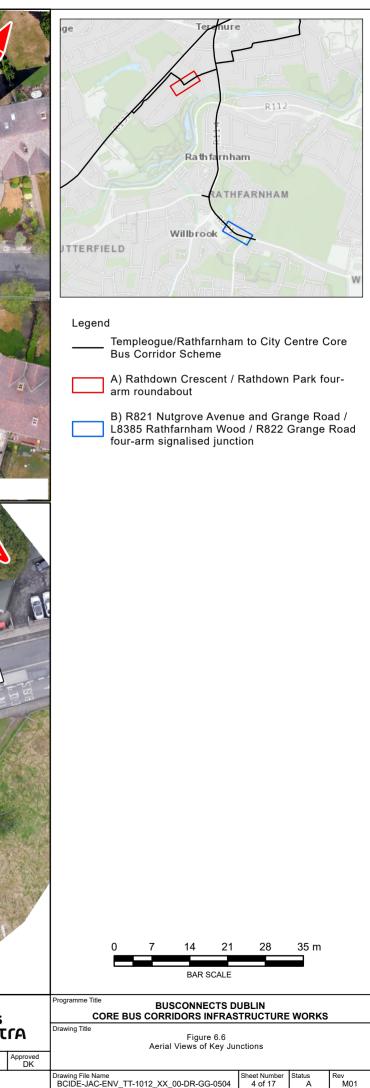


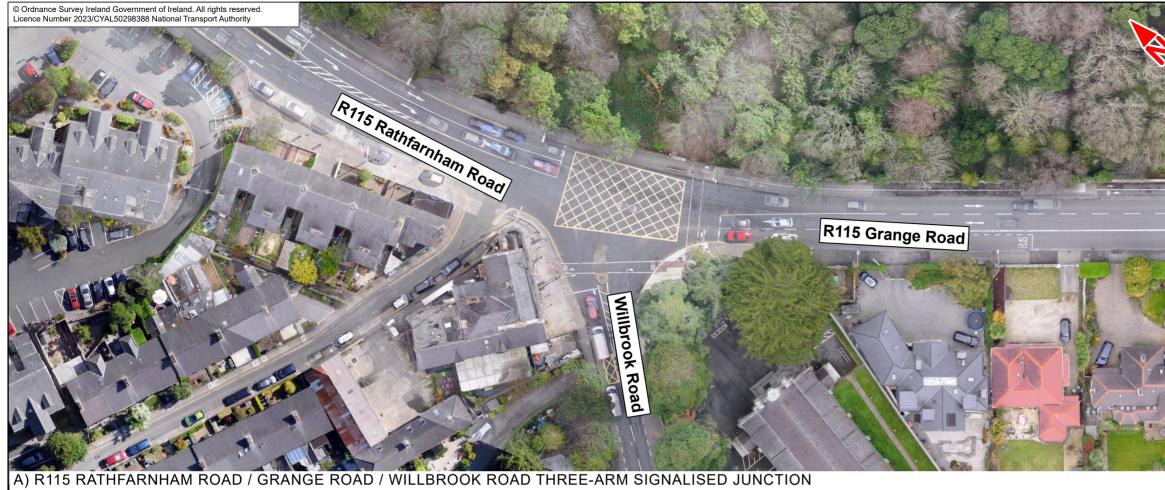
### B) R821 NUTGROVE AVENUE AND GRANGE ROAD / L8385 RATHFARNHAM WOOD / R822 GRANGE ROAD FOUR-ARM SIGNALISED JUNCTION

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	Rev	Date	Drn	Chk'd	App'd	Description	Client NTA Údarás Nálsiúnta Iompair National Transport Authority		Consultant Jacobs ARUP SYSTIA		
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### B) R114 RATHFARNHAM ROAD / R115 RATHFARNHAM ROAD / R114 BUTTERFIELD AVENUE THREE-ARM SIGNALISED JUNCTION

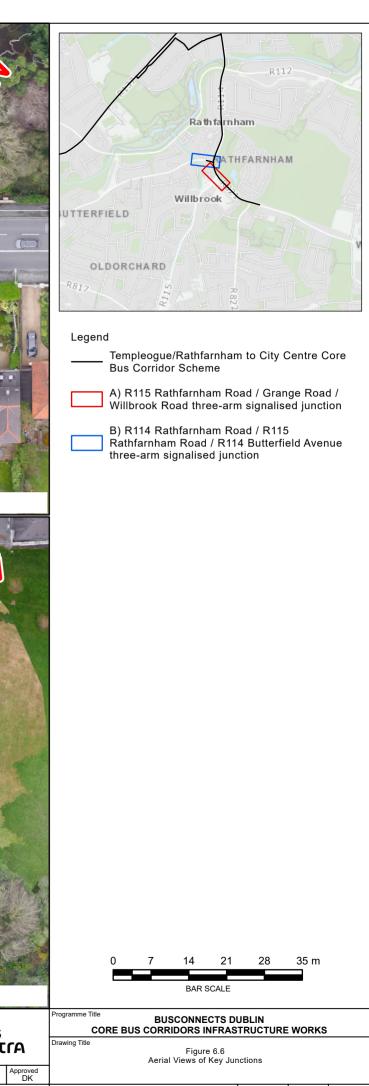
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A) R114 RATHFARNHAM ROAD / L8103 CASTLESIDE DRIVE / L4014 MAIN STREET FOUR-ARM SIGNALISED JUNCTION



### B) R114 RATHFARNHAM ROAD / R112 DODDER PARK ROAD / R112 DODDER VIEW ROAD FOUR-ARM SIGNALISED JUNCTION

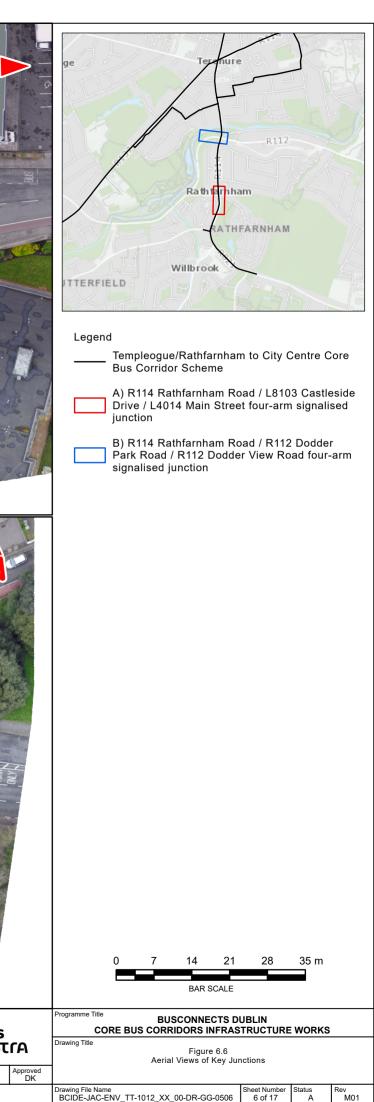
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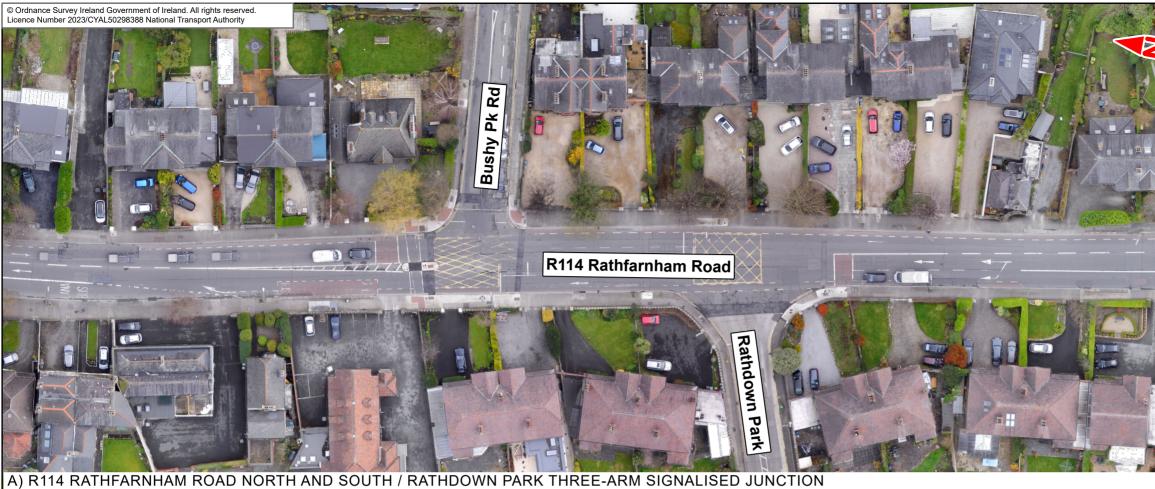
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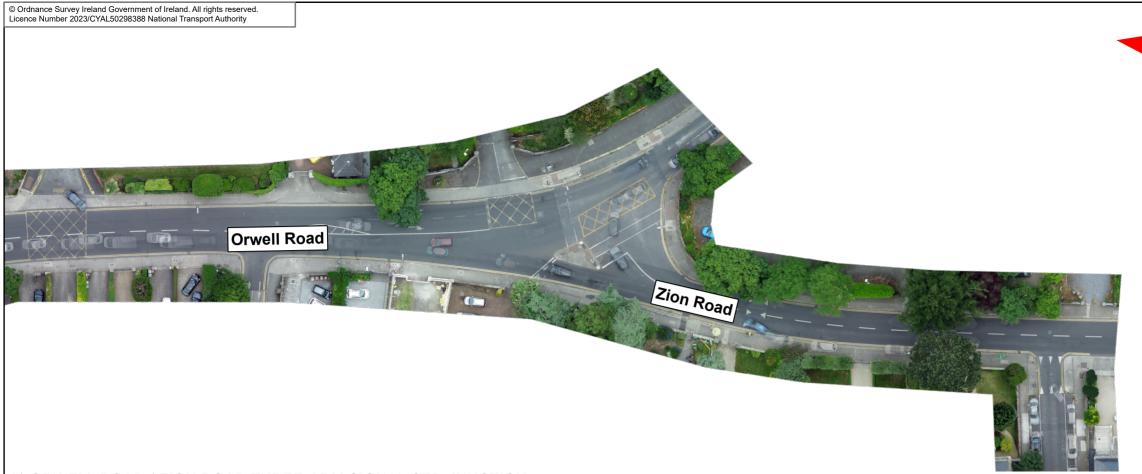
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### **B) TERENURE CROSS FOUR-ARM SIGNALISED JUNCTION**

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ARM SIGNALISED JUNCTION	Legend Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme A) R114 Rathfarnham Road North and South / Rathdown Park three-arm signalised junction B) Terenure Cross four-arm signalised junction
R114 Terenure Road East	
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Údarás Nálsiúnta Iompair National Transport Authority	Drawing Title Figure 6.6 Aerial Views of Key Junctions
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A) ORWELL ROAD / ZION ROAD THREE-ARM SIGNALISED JUNCTION



### B) R114 TERENURE ROAD EAST / RATHGAR AVENUE / R114 RATHGAR ROAD / ORWELL ROAD FOUR- ARM SIGNALISED JUNCTION

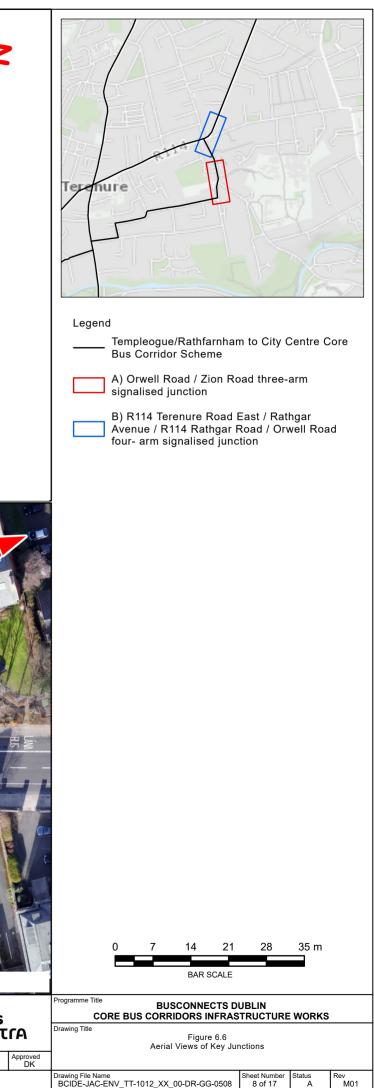
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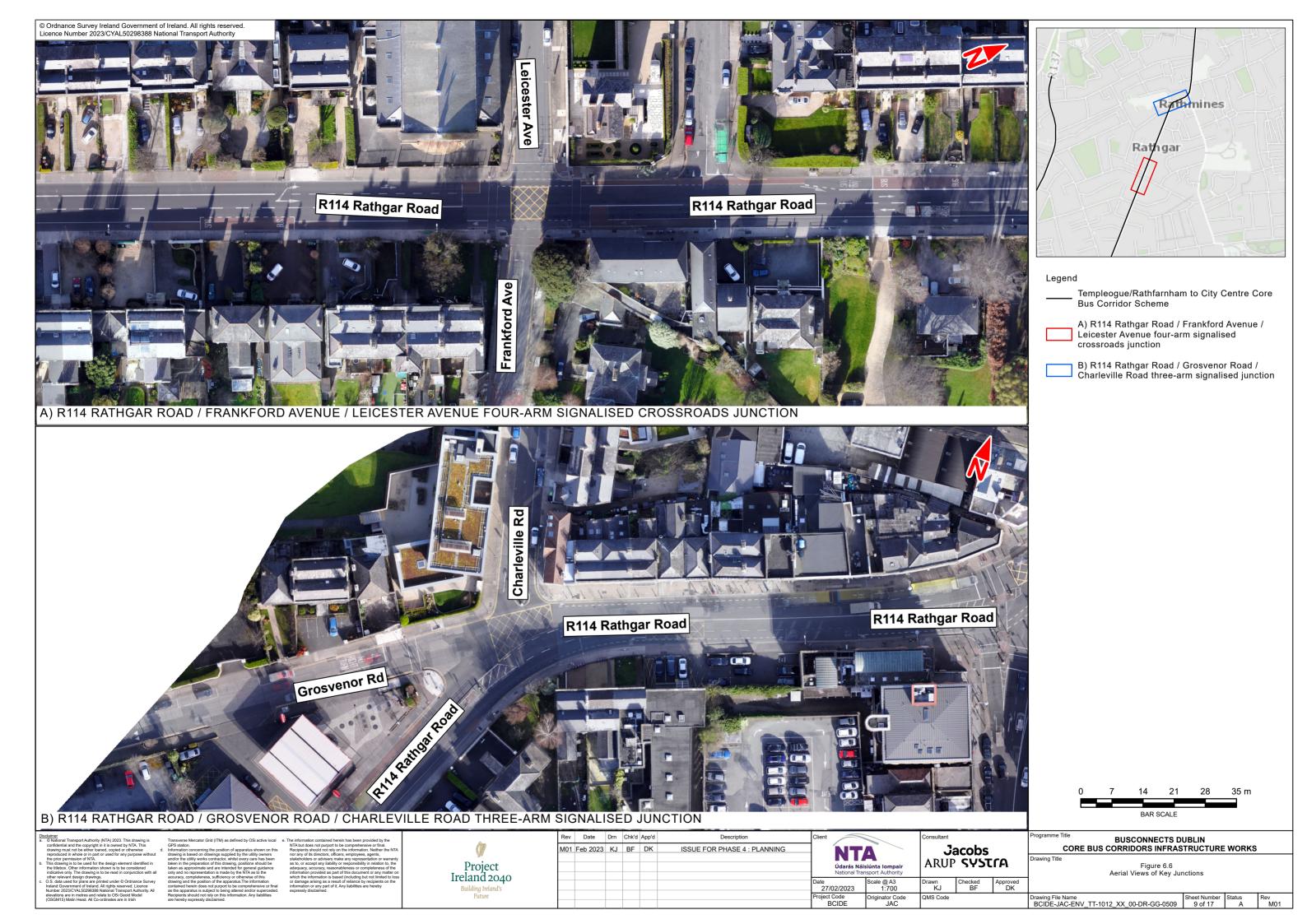
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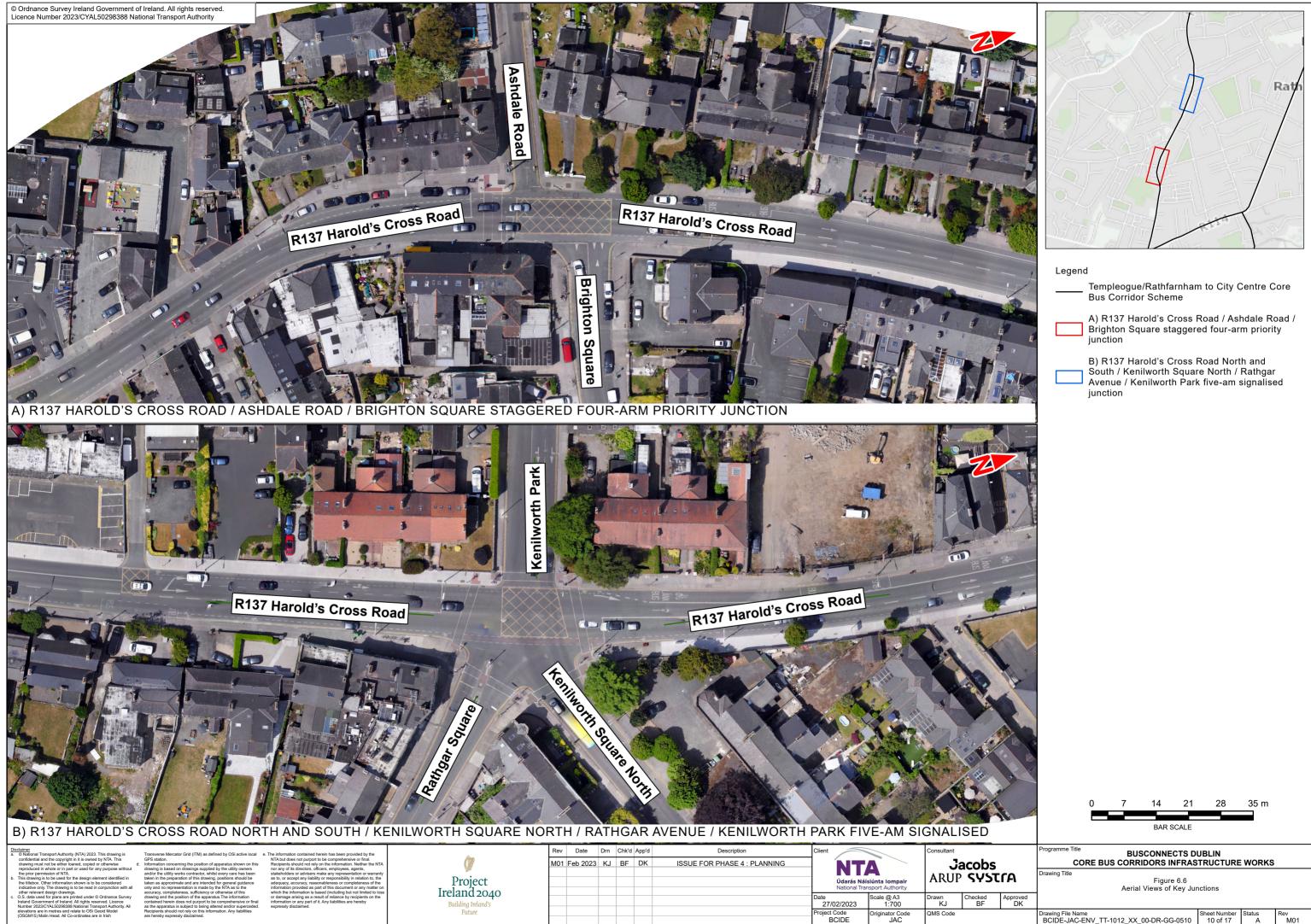
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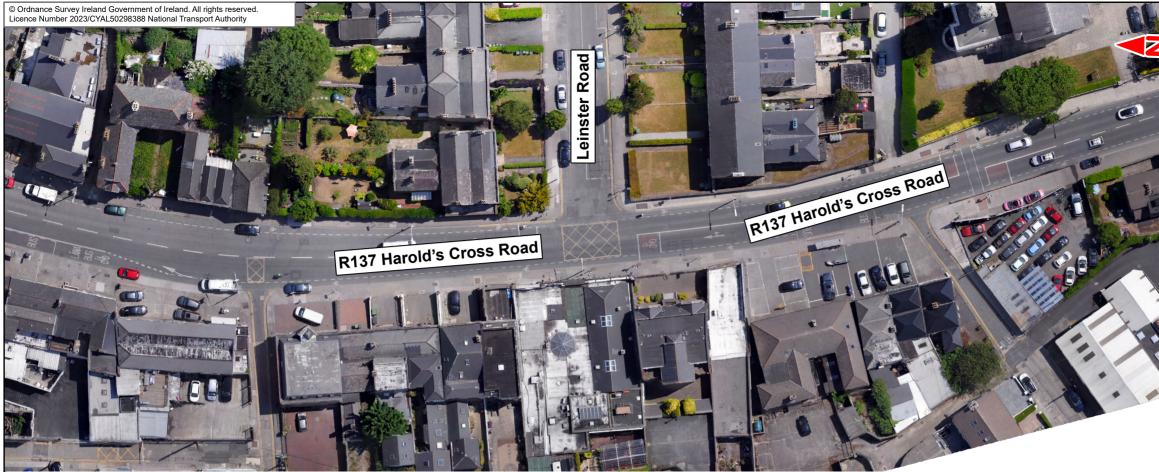




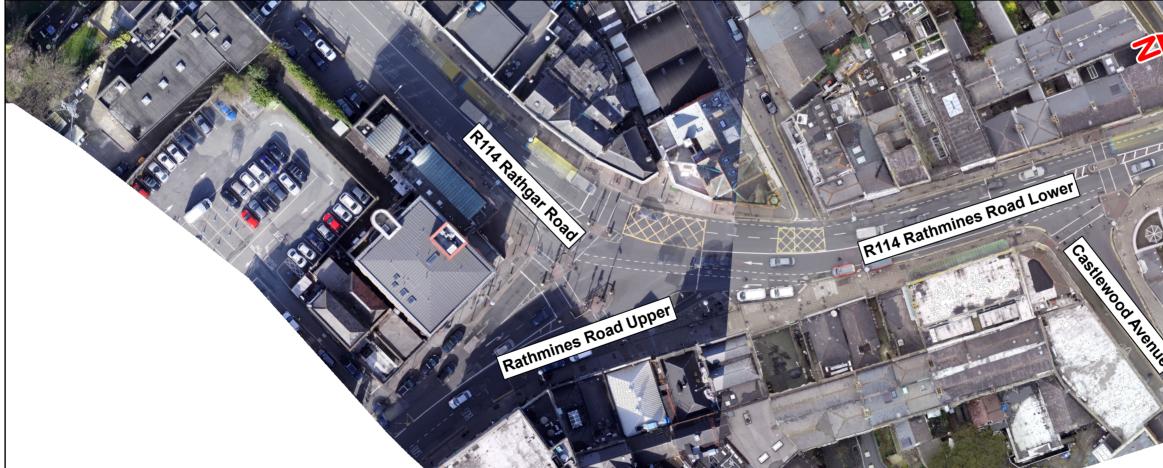


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A) R137 HAROLD'S CROSS ROAD / LEINSTER ROAD THREE-ARM SIGNALISED JUNCTION



### B) R114 RATHGAR ROAD / R114 RATHMINES ROAD LOWER / R820 RATHMINES ROAD UPPER THREE ARM SIGNALISED JUNCTION

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	Harolds Cross References Rathgar
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	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
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A) R114 RATHMINES ROAD LOWER / CASTLEWOOD AVENUE THREE-ARM SIGNALISED JUNCTION



### B) R114 RATHMINES ROAD LOWER / LEINSTER ROAD THREE-ARM SIGNALISED JUNCTION

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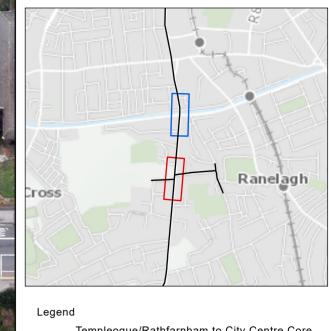
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Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme



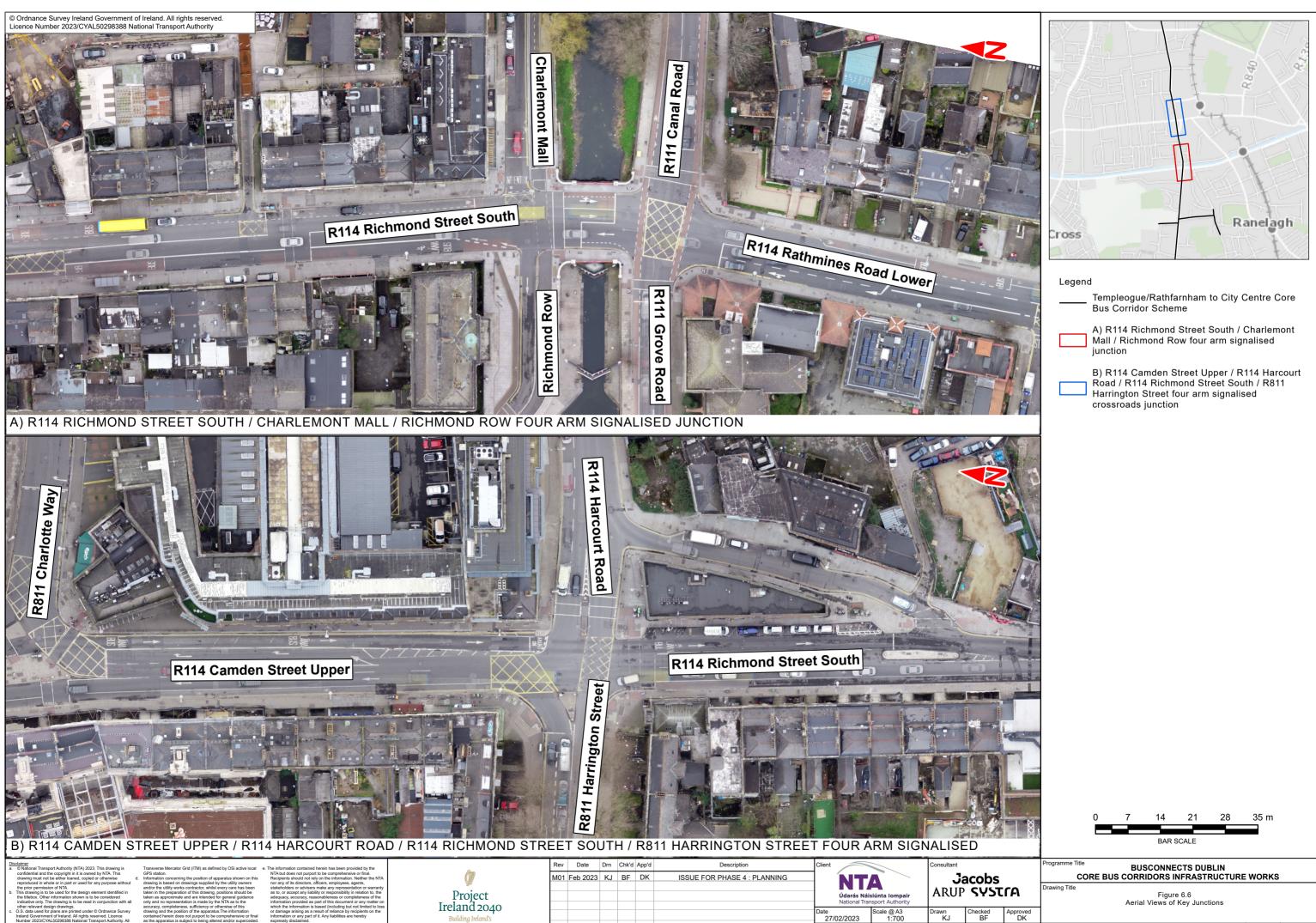
A) R114 Rathmines Road Lower / Military Road / Richmond Hill staggered four-arm priority junction



B) R114 Richmond Street South / R111 Canal Road / R114 Rathmines Road Lower / R111 Grove Road four arm signalised crossroads junction

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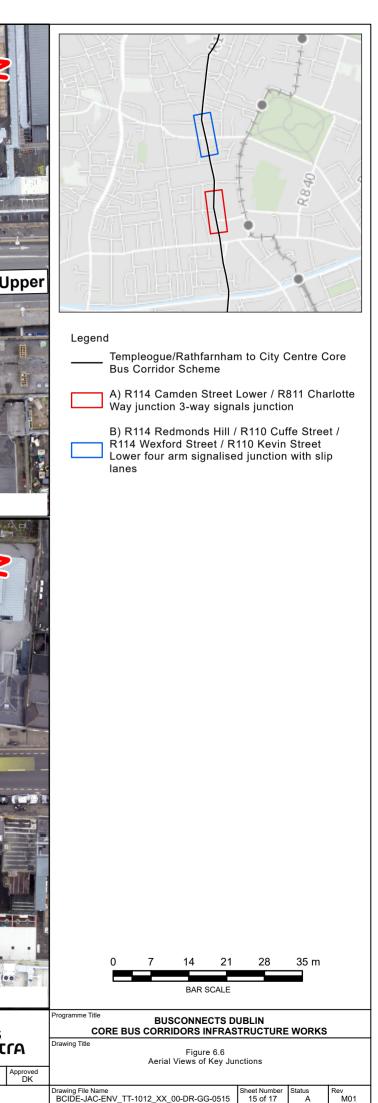


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### Legend

Templeogue/Rathfarnham to City Centre Core Bus Corridor Scheme

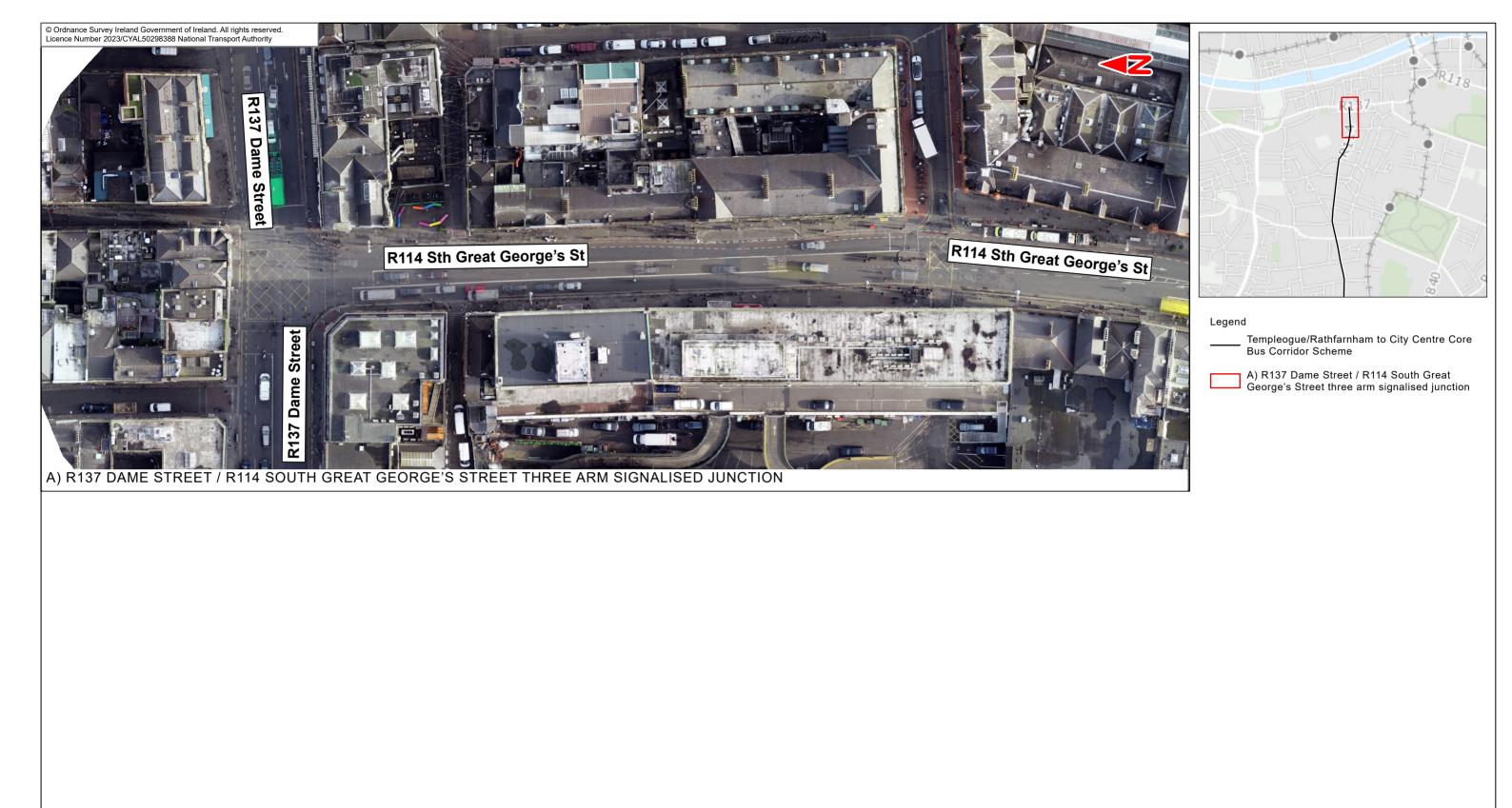


A) R114 Aungier Street / Longford Street Lower / Longford Street Little four arm signalised junction



B) R114 South Great George's Street / Stephen Street Lower / R114 Aungier Street / Stephen Street Upper four arm signalised junction

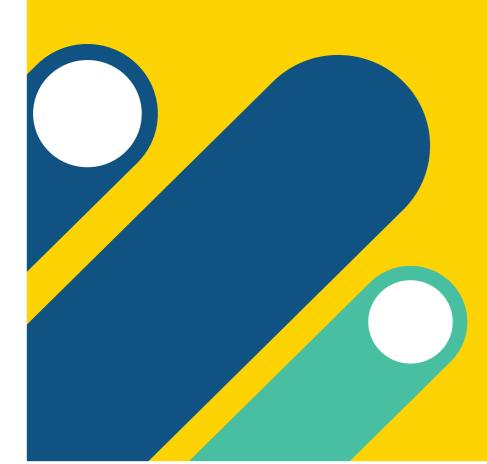
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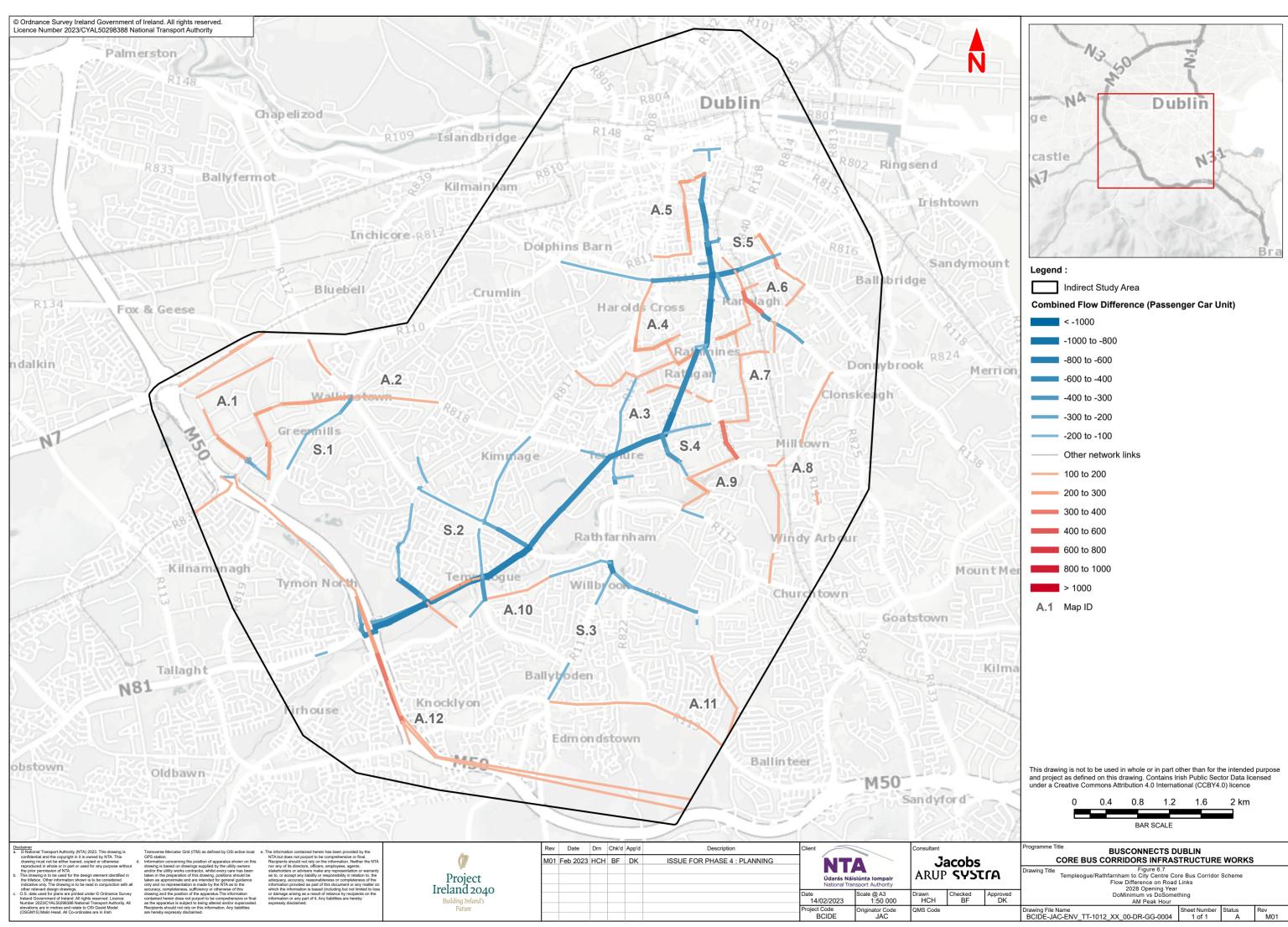
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### **6.7** Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour



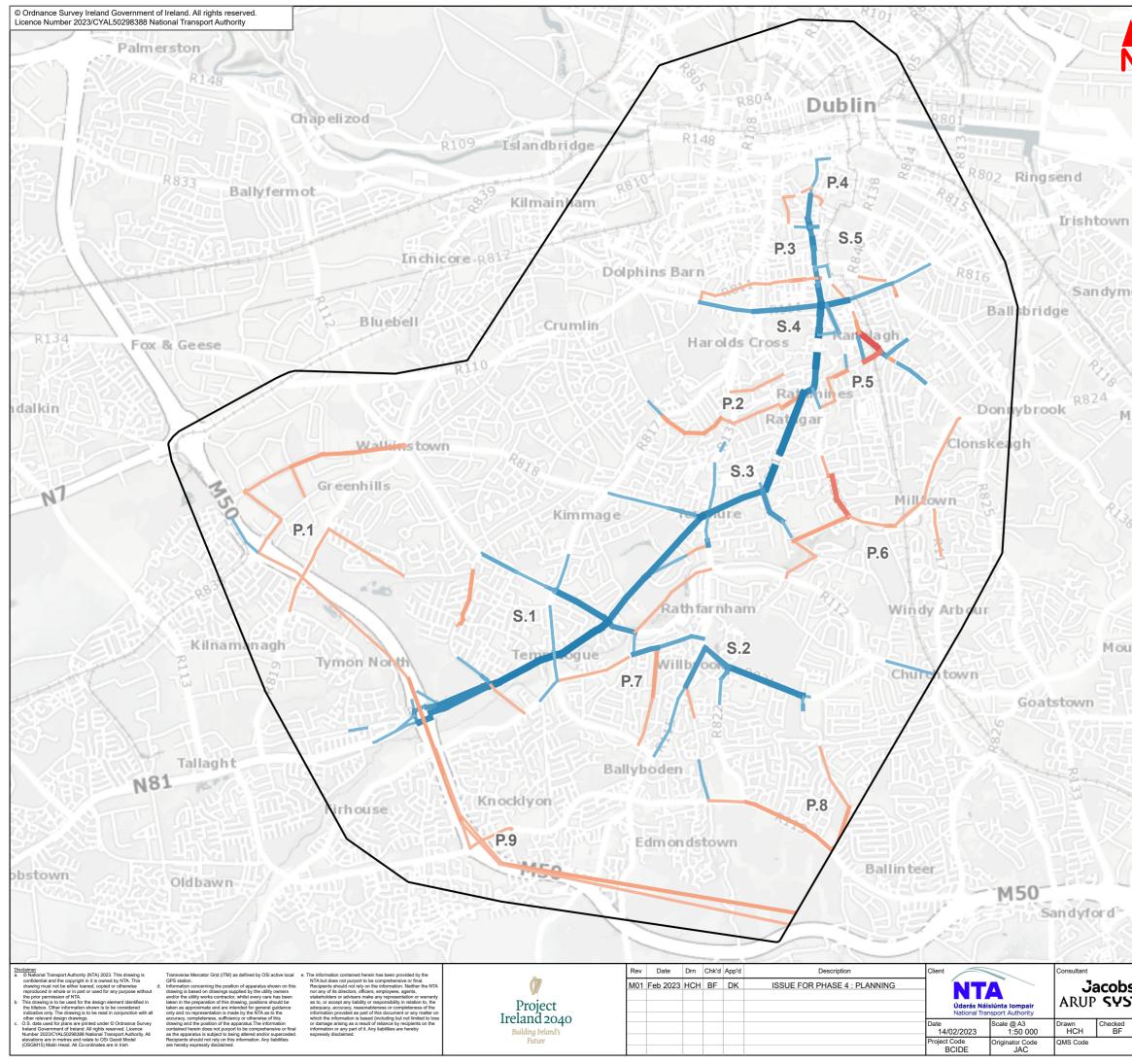




### **6.8** Flow Difference on Road Links 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour







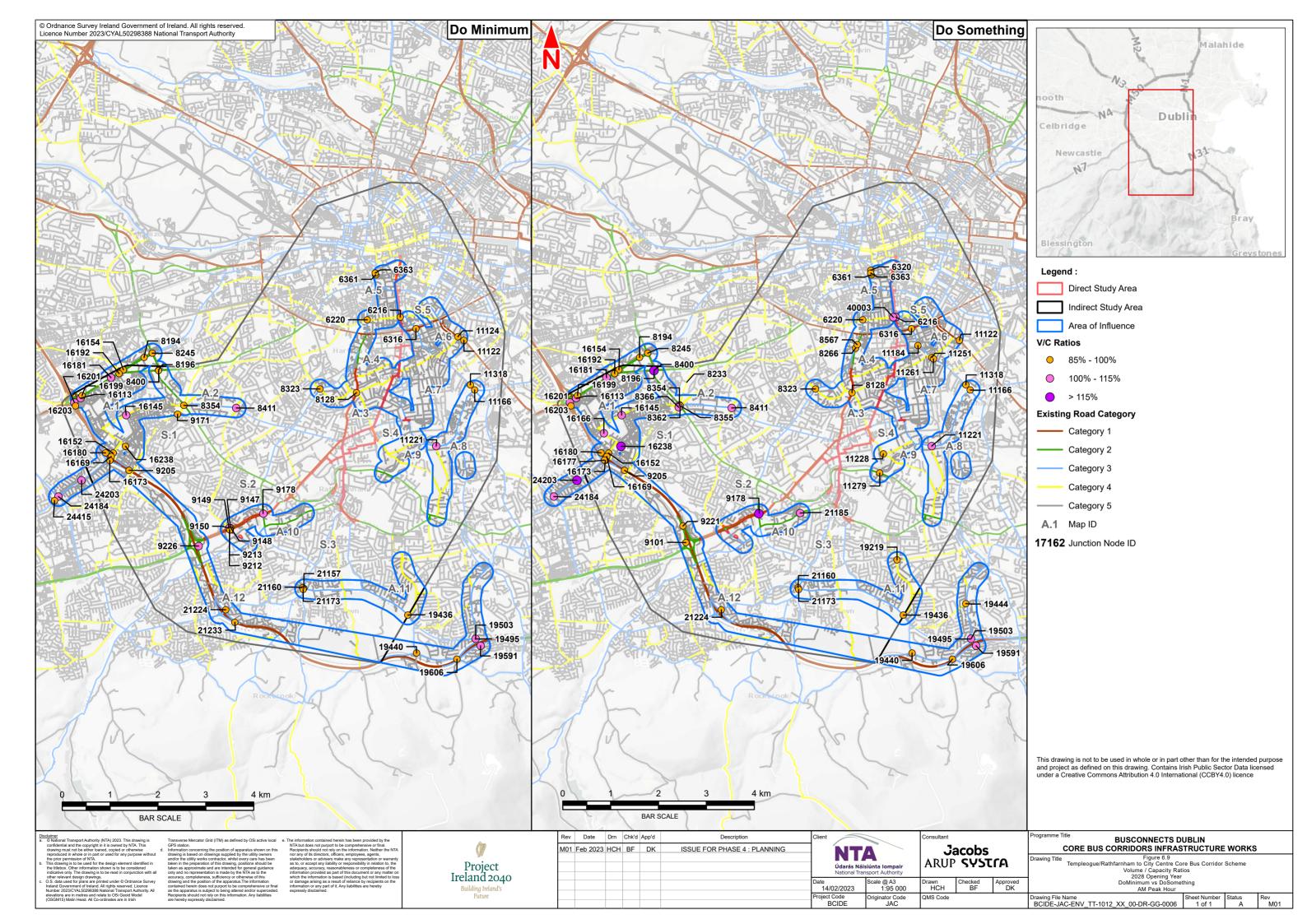
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# **6.9** Volume/Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething AM Peak Hour



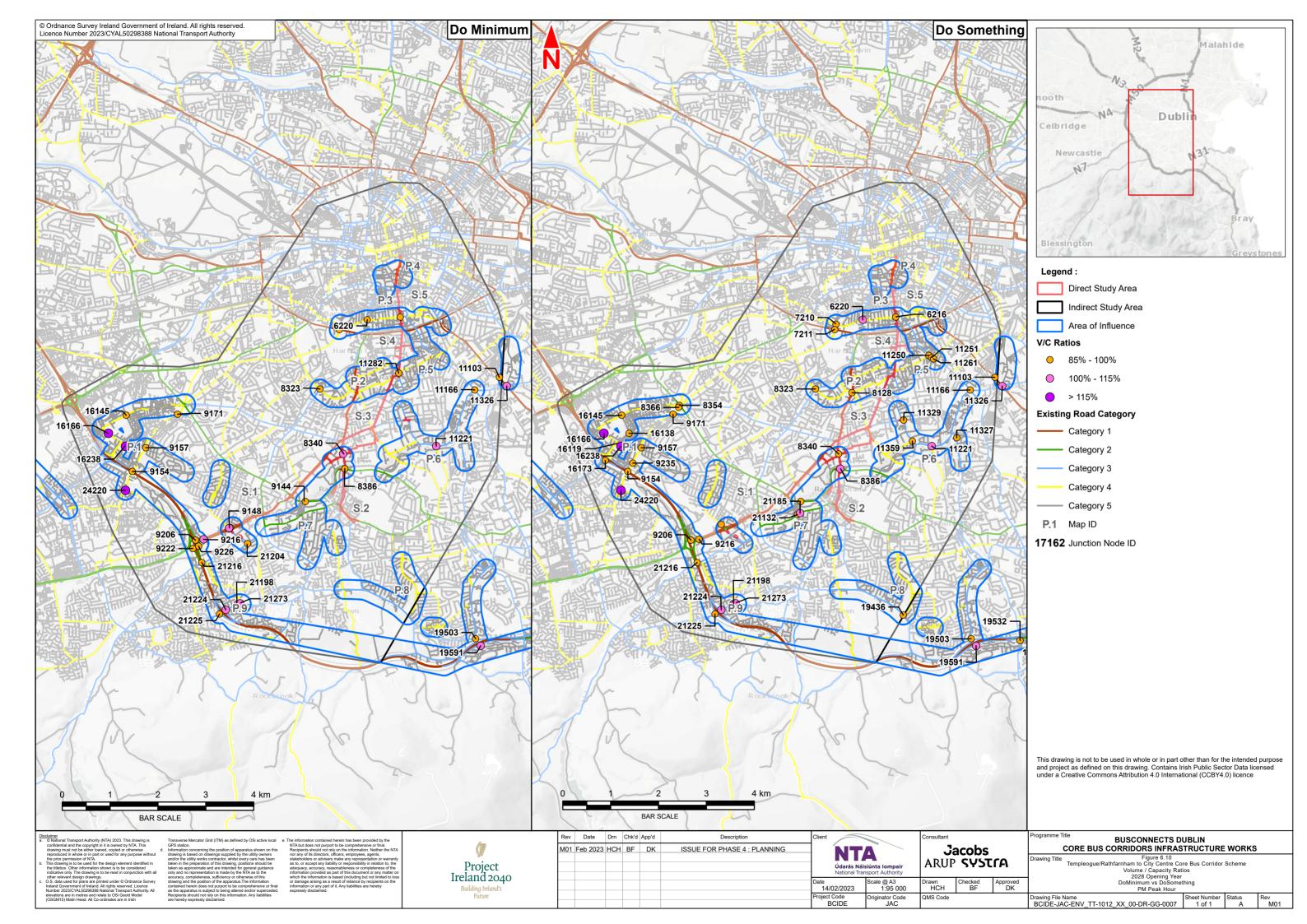




# **6.10** Volume/Capacity Ratios 2028 Opening Year DoMinimum vs DoSomething PM Peak Hour



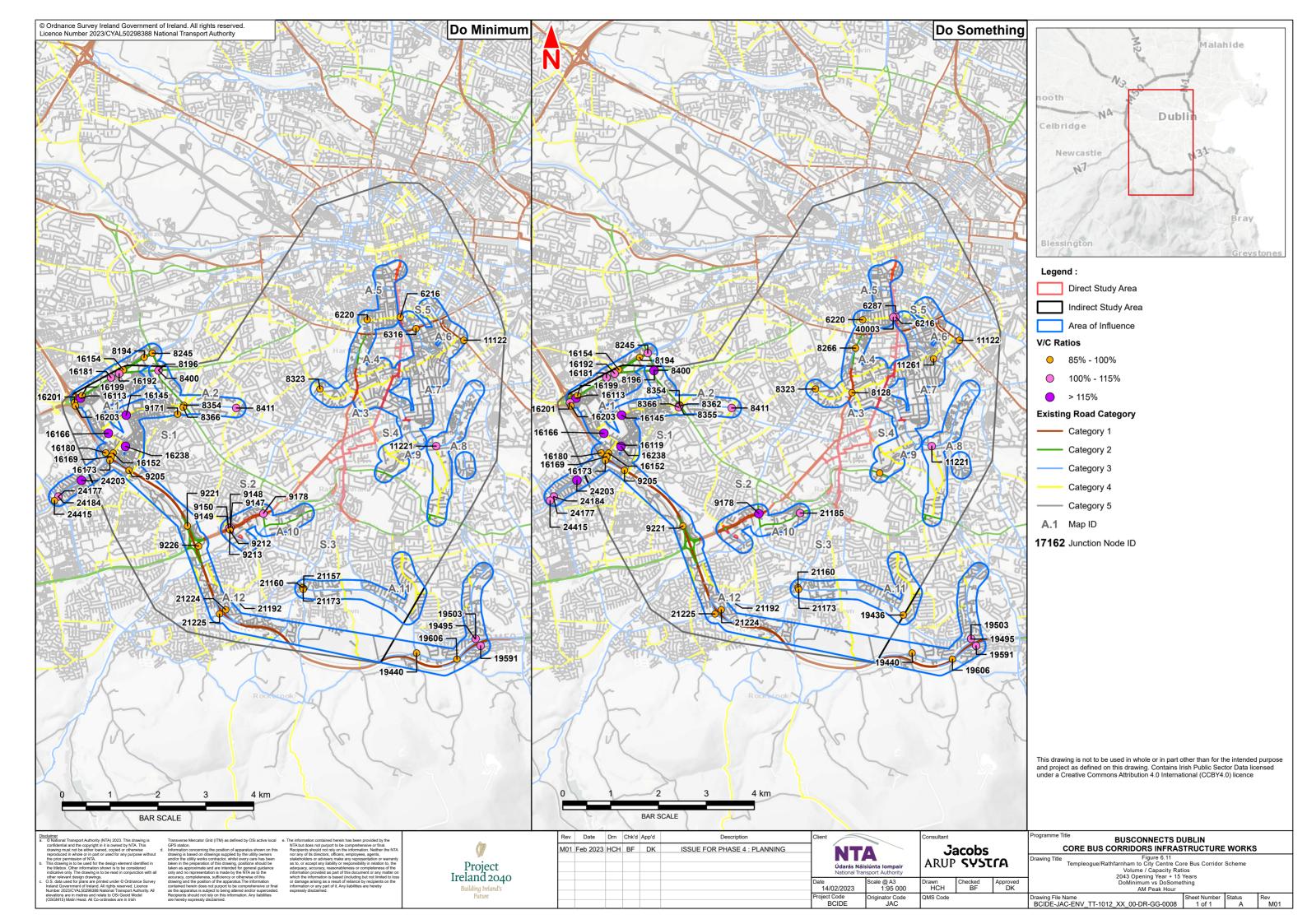




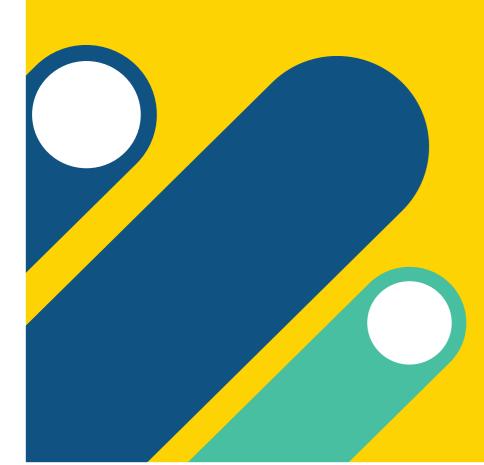
# **6.11** Volume/Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething AM Peak Hour



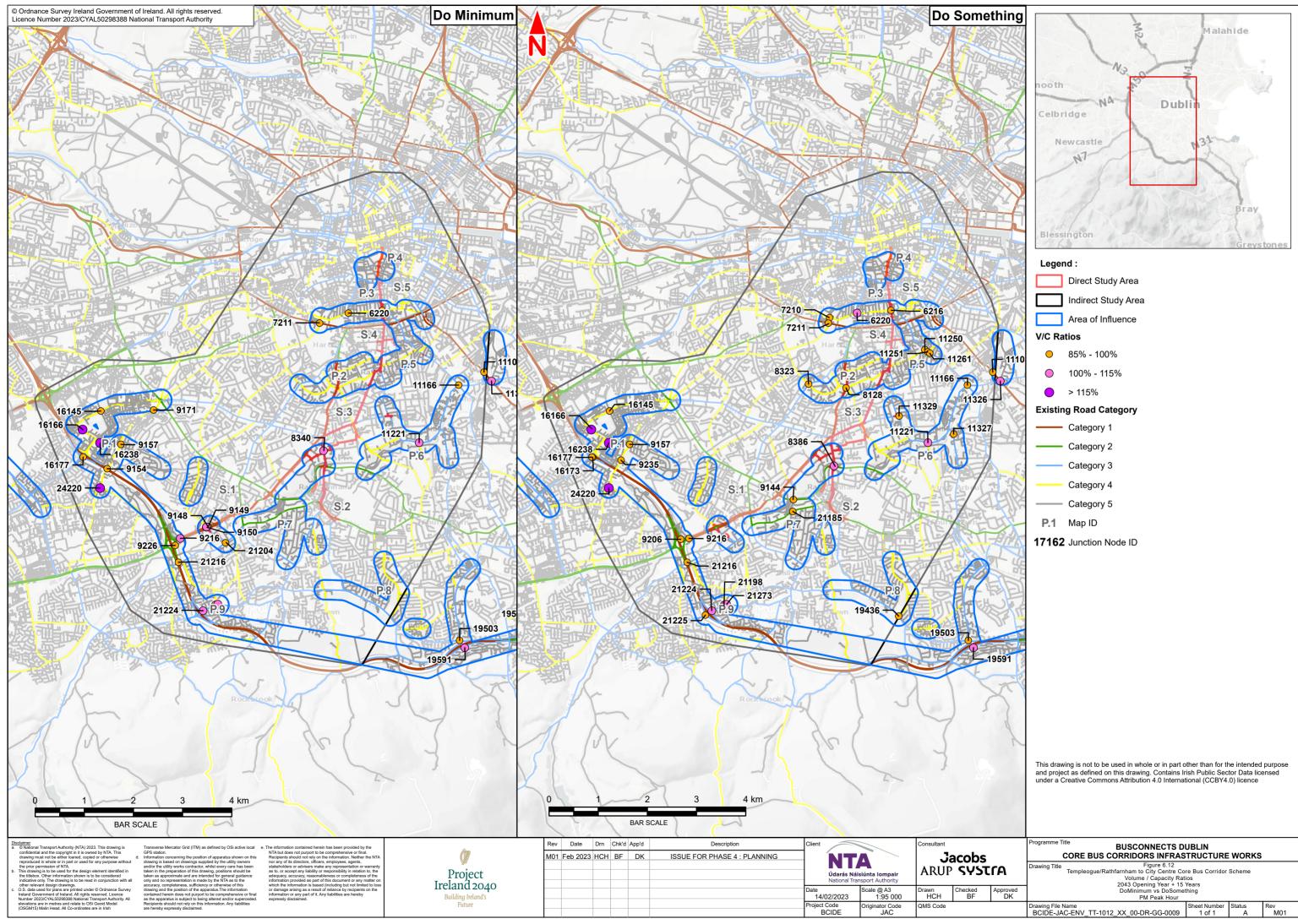




# **6.12** Volume/Capacity Ratios 2043 Opening Year + 15 Years DoMinimum vs DoSomething PM Peak Hour



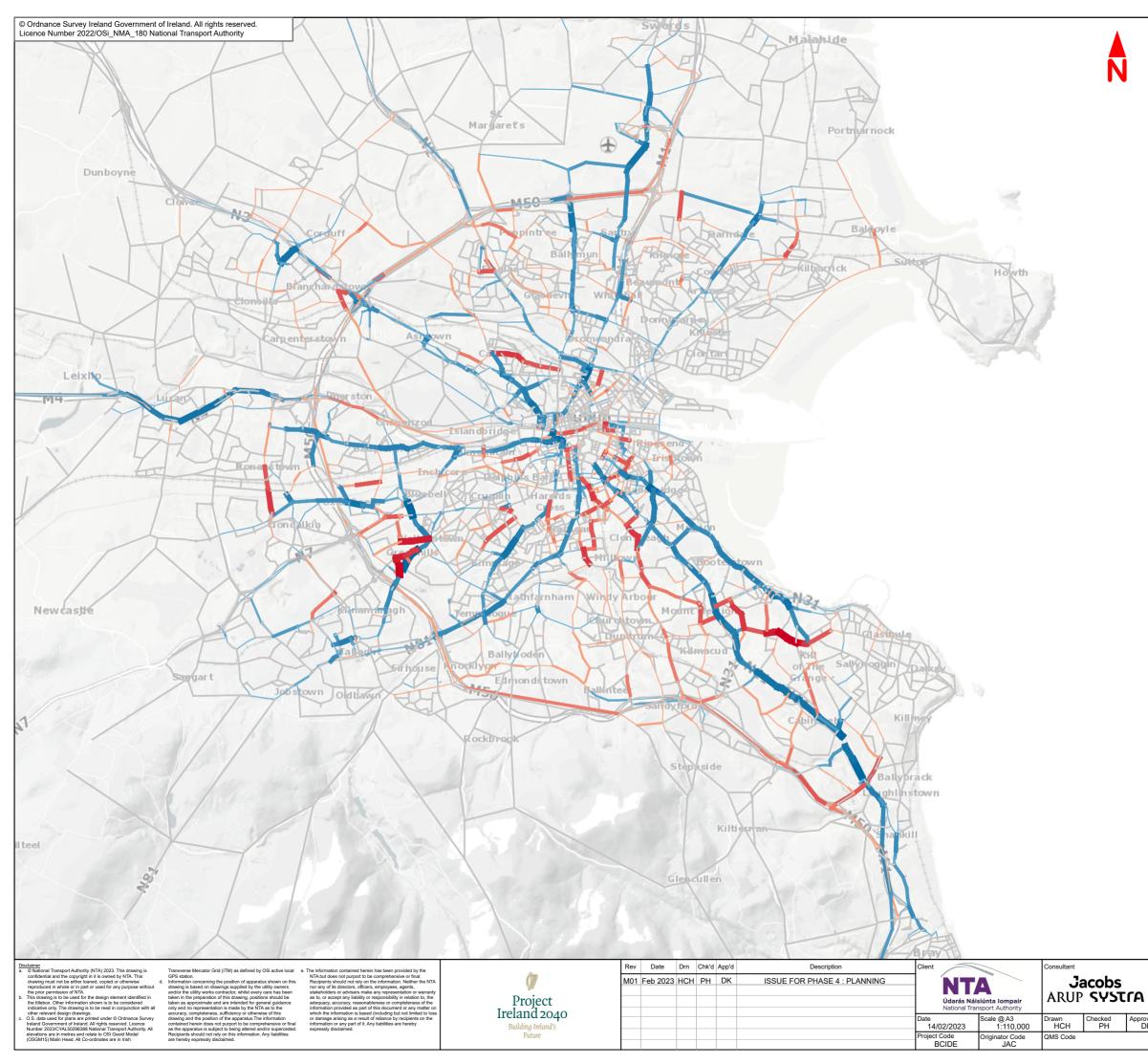




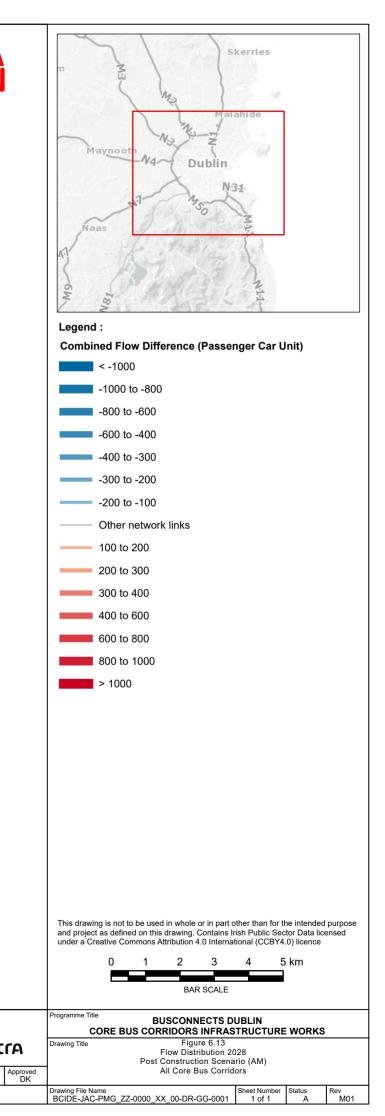
## **6.13** Flow Distribution 2028 Post Construction Scenario (AM) All Core Bus Corridors







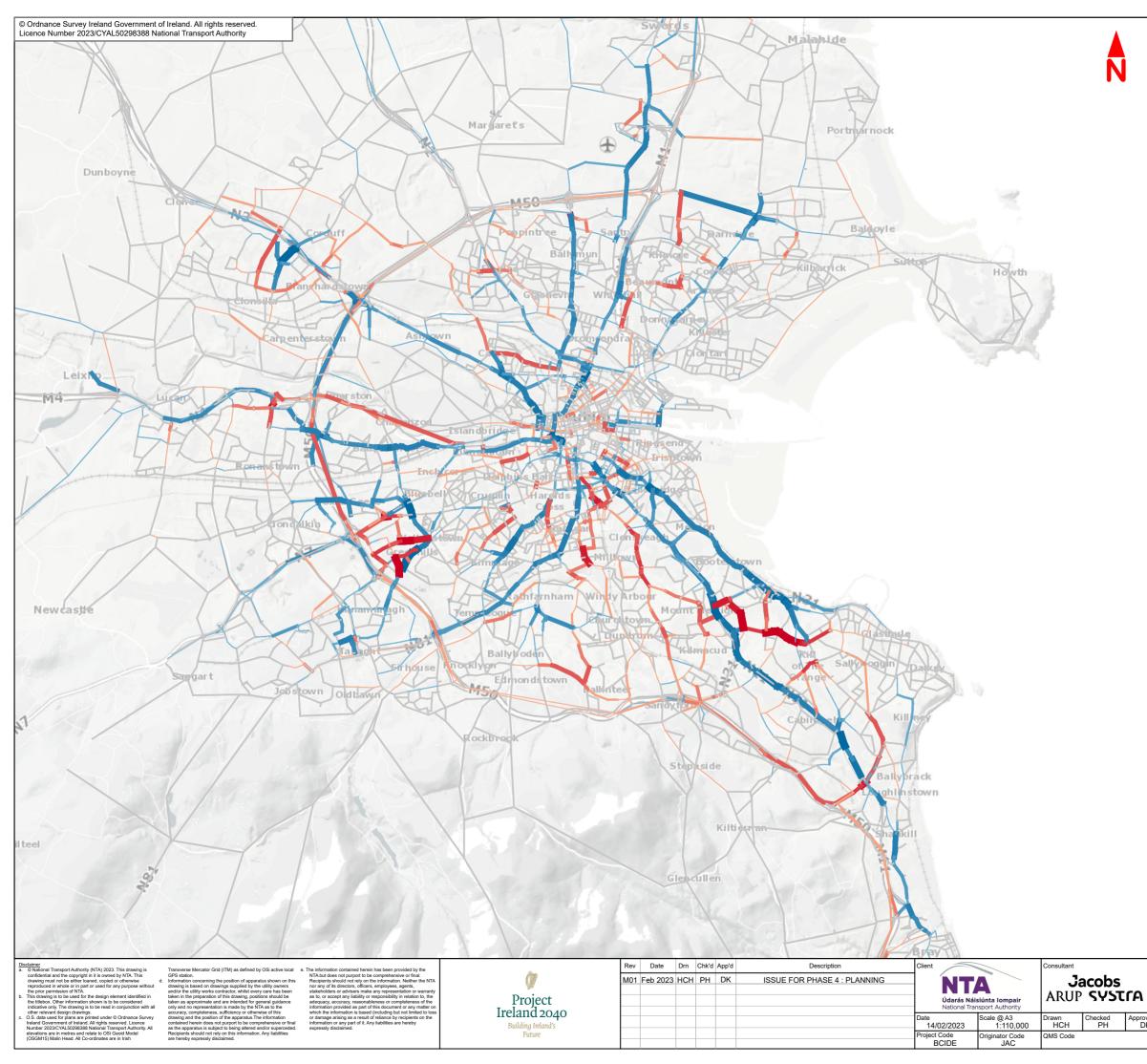




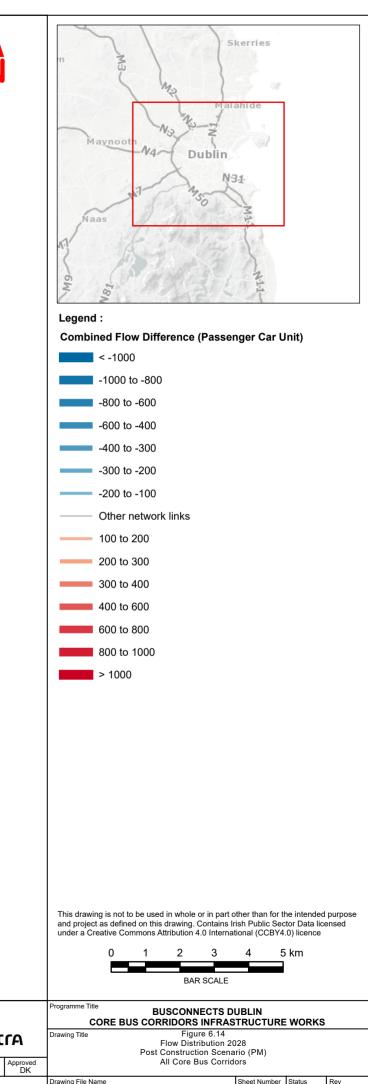
## **6.14** Flow Distribution 2028 Post Construction Scenario (PM) All Core Bus Corridors









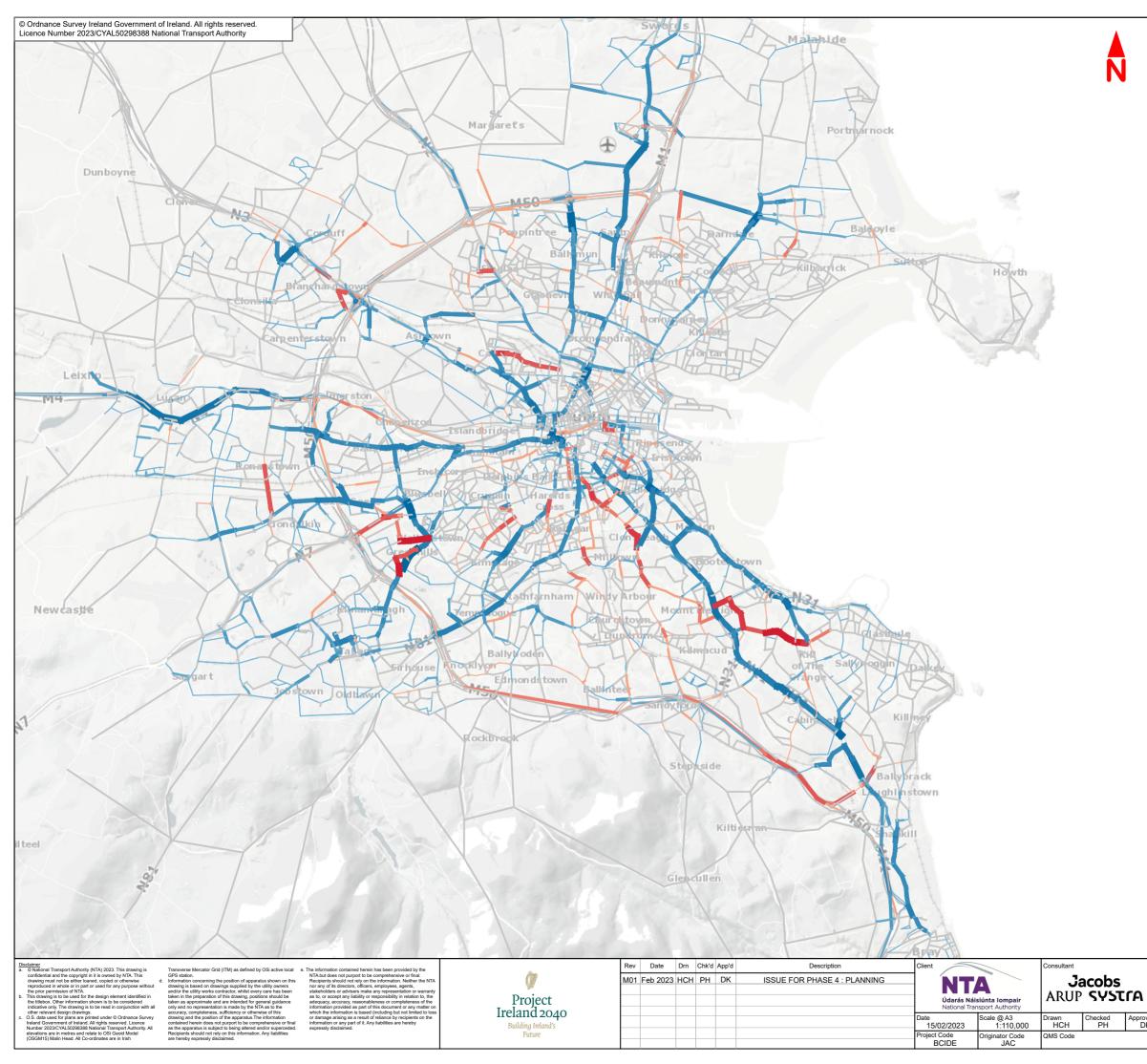


Drawing File Name Sheet Number BCIDE-JAC-PMG_ZZ-0000_XX_00-DR-GG-0002 1 of 1 Status A Rev M01

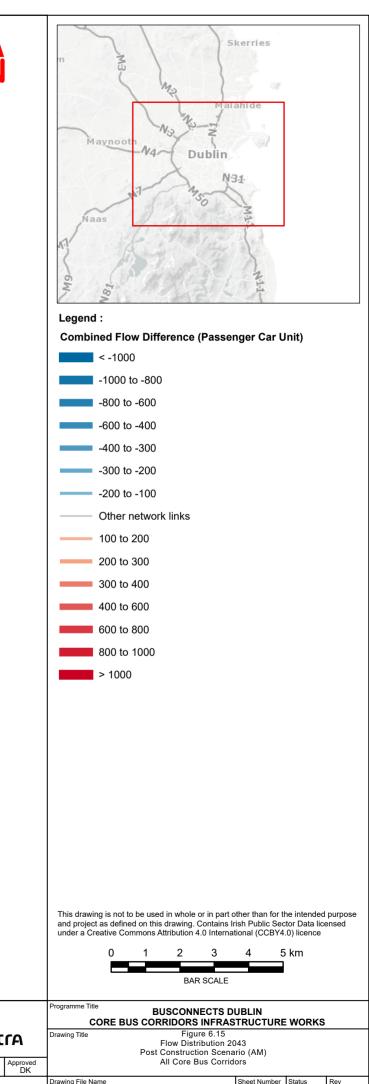
## **6.15** Flow Distribution 2043 Post Construction Scenario (AM) All Core Bus Corridors











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





