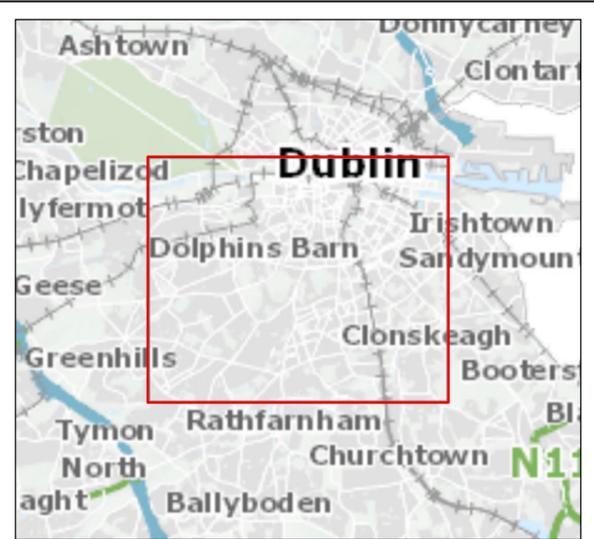
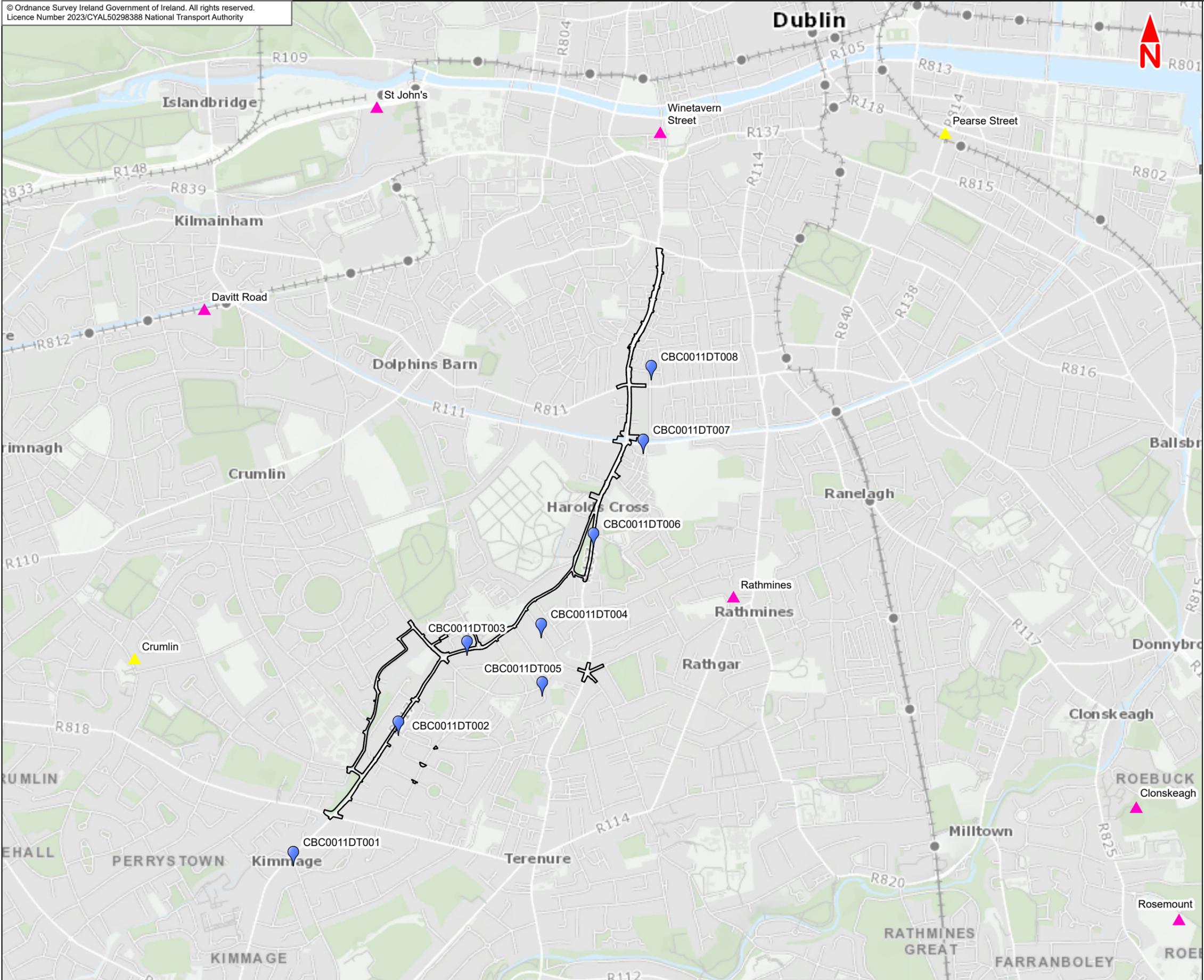


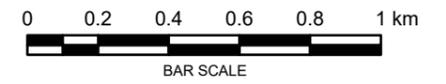
The background of the slide is a vibrant yellow. It is decorated with several abstract, overlapping shapes in shades of blue and green. These shapes include rounded rectangles, elongated ovals, and curved bands. Interspersed among these shapes are several white circles of varying sizes, some of which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

7.1 Monitoring Locations



- Legend :**
- Kimmage to City Centre Core Bus Corridor Scheme
 - Diffusion Tube
 - EPA Current Monitoring Site
 - EPA Past Monitoring Site

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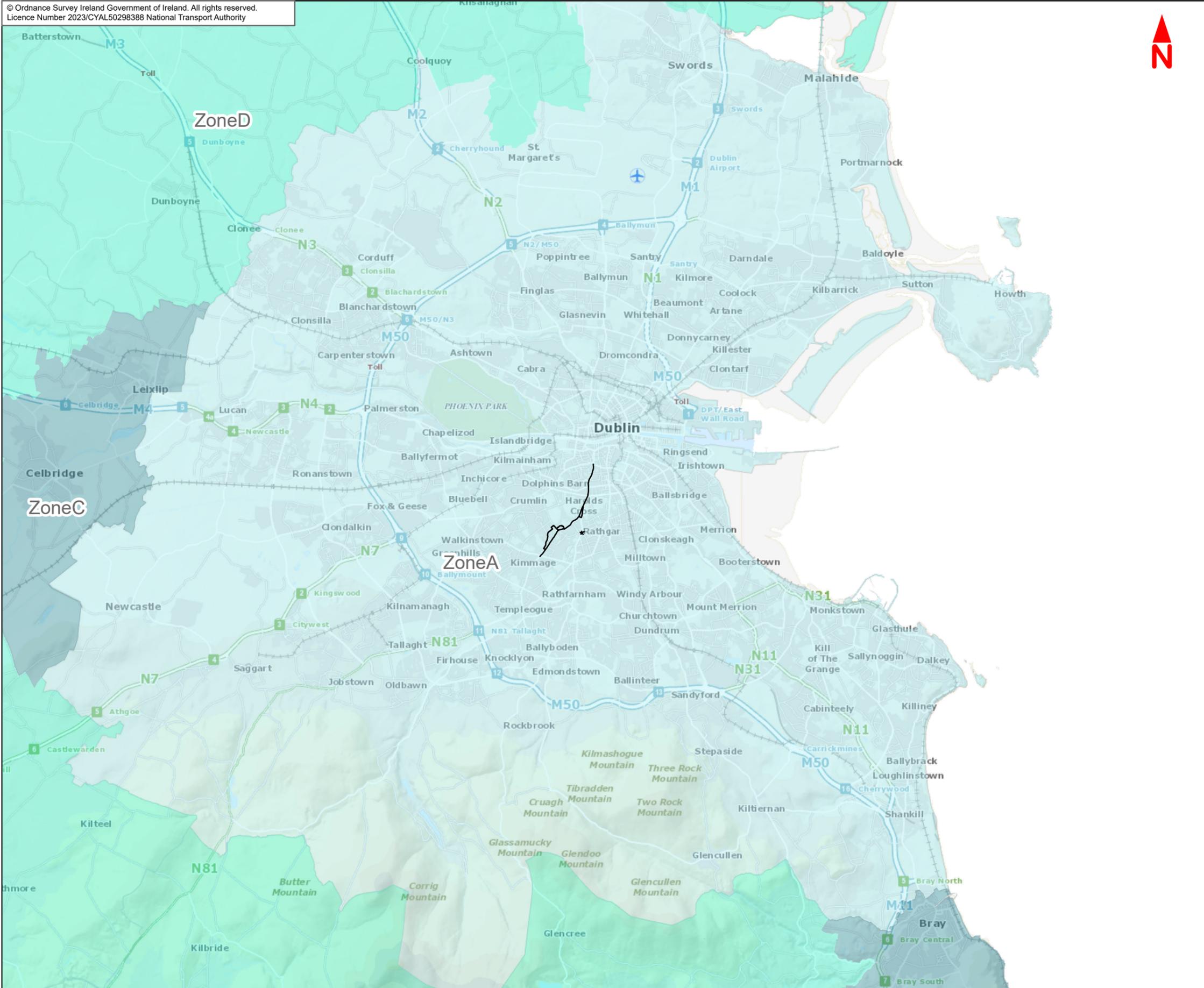
Client
NTA
 Udarás Náisiúnta Iompair
 National Transport Authority

Consultant
JACOBS ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Kimmage to City Centre Core Bus Corridor Scheme Figure 7.1 Monitoring Locations				
Date 24/03/2023	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		
Drawing File Name BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0101	Sheet Number 1 of 1	Status A	Rev M01	



7.2
Air Quality Zones



- Legend :**
- Kimmage to City Centre Core Bus Corridor Scheme
 - Zone A - Dublin Conurbation
 - Zone C - Other Cities and Large Towns
 - Zone D - Rural Ireland

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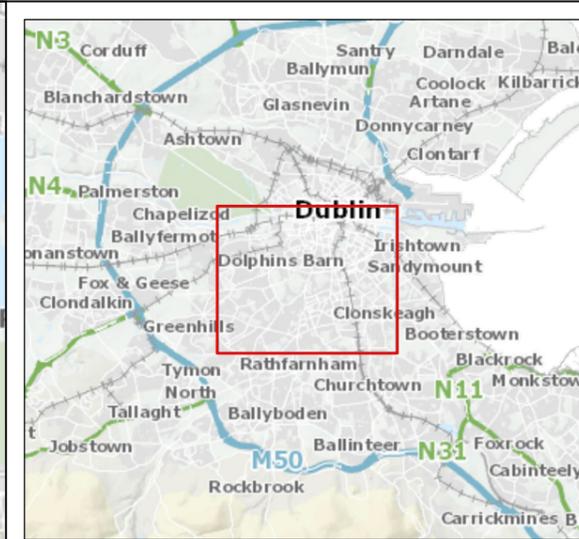
Consultant
JACOBS
ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title Kimmage to City Centre Core Bus Corridor Scheme Figure 7.2 Air Quality Zones				
Date 24/03/2023	Scale @ A3 1:125 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		Drawing File Name BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0200
Sheet Number 1 of 1	Status A	Rev M01		

7.3

Modelled Annual Mean
NO₂ Impacts ($\mu\text{g}/\text{m}^3$) due to
Kimmage to City Centre Core
Bus Corridor Scheme (2028)





Legend :

- Kimmage to City Centre Core Bus Corridor Scheme
- Modeled Road Network

Significance of the modelled change in the annual mean NO₂ concentration due to Kimmage to City Centre Core Bus Corridor Scheme (2028)

- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial
- Moderate Beneficial
- Substantial Beneficial

NO₂ Annual Mean Limit Value: 40 µg/m³

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

Consultant: **JACOBS ARUP SYSTRA**

Date: 24/03/2023
Scale @ A3: 1:20 000

Project Code: BCIDE
Originator Code: JAC

Drawn: LF
Checked: SW
Approved: DK

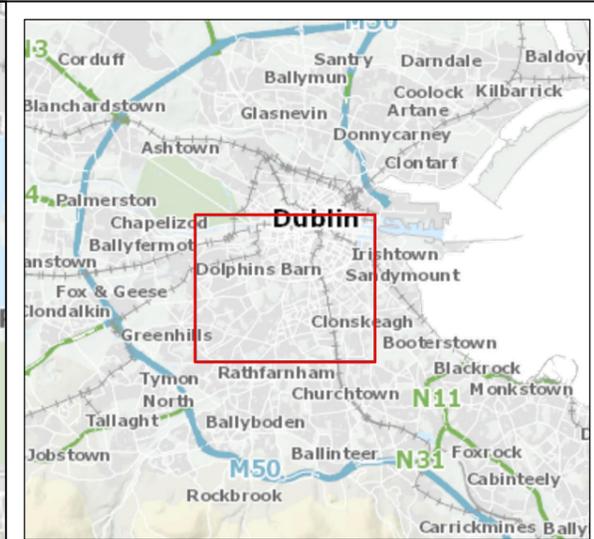
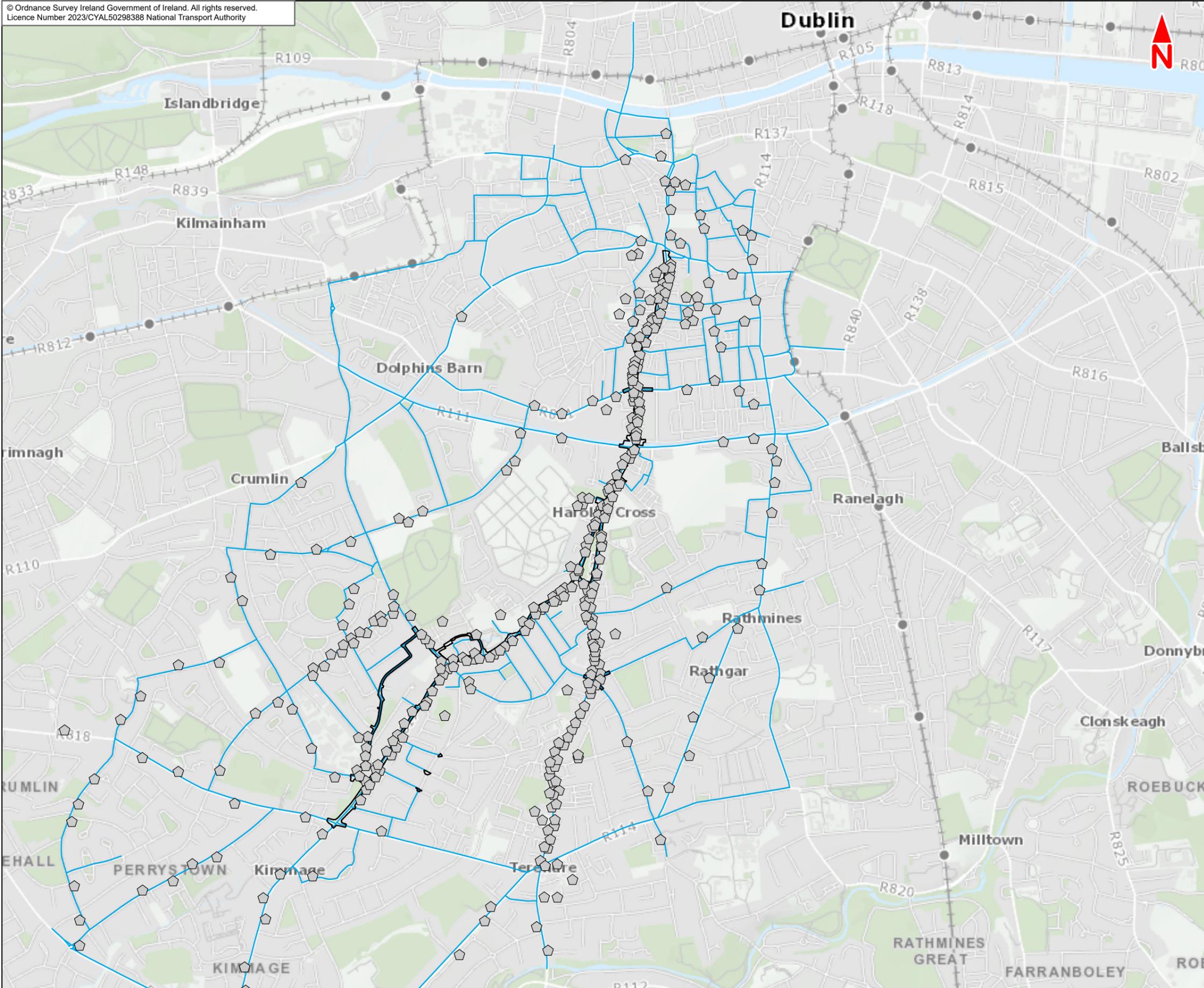
QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Kimmage to City Centre Core Bus Corridor Scheme			
Figure 7.3 Modelled Annual Mean NO ₂ Impacts (µg/m ³) due to Kimmage to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0002	Sheet Number: 1 of 1	Status: A	Rev: M01

7.4

Modelled Annual Mean
PM₁₀ Impacts ($\mu\text{g}/\text{m}^3$) due to
Kimmage to City Centre Core
Bus Corridor Scheme (2028)





Legend :

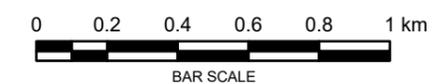
- Kimmage to City Centre Core Bus Corridor Scheme
- Modeled Road Network

Significance of the modelled change in the annual mean PM₁₀ concentration due to Kimmage to City Centre Core Bus Corridor Scheme (2028)

- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial
- Moderate Beneficial
- Substantial Beneficial

PM₁₀ Annual Mean Limit Value: 40 µg/m³

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

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Project Code: BCIDE | Originator Code: JAC

Drawn: LF | Checked: SW | Approved: DK

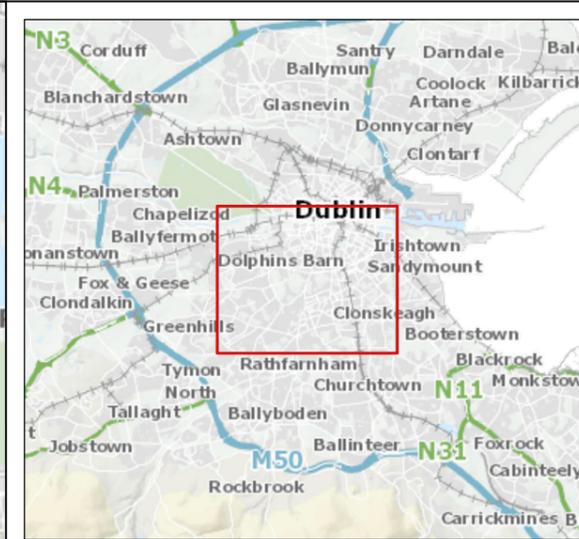
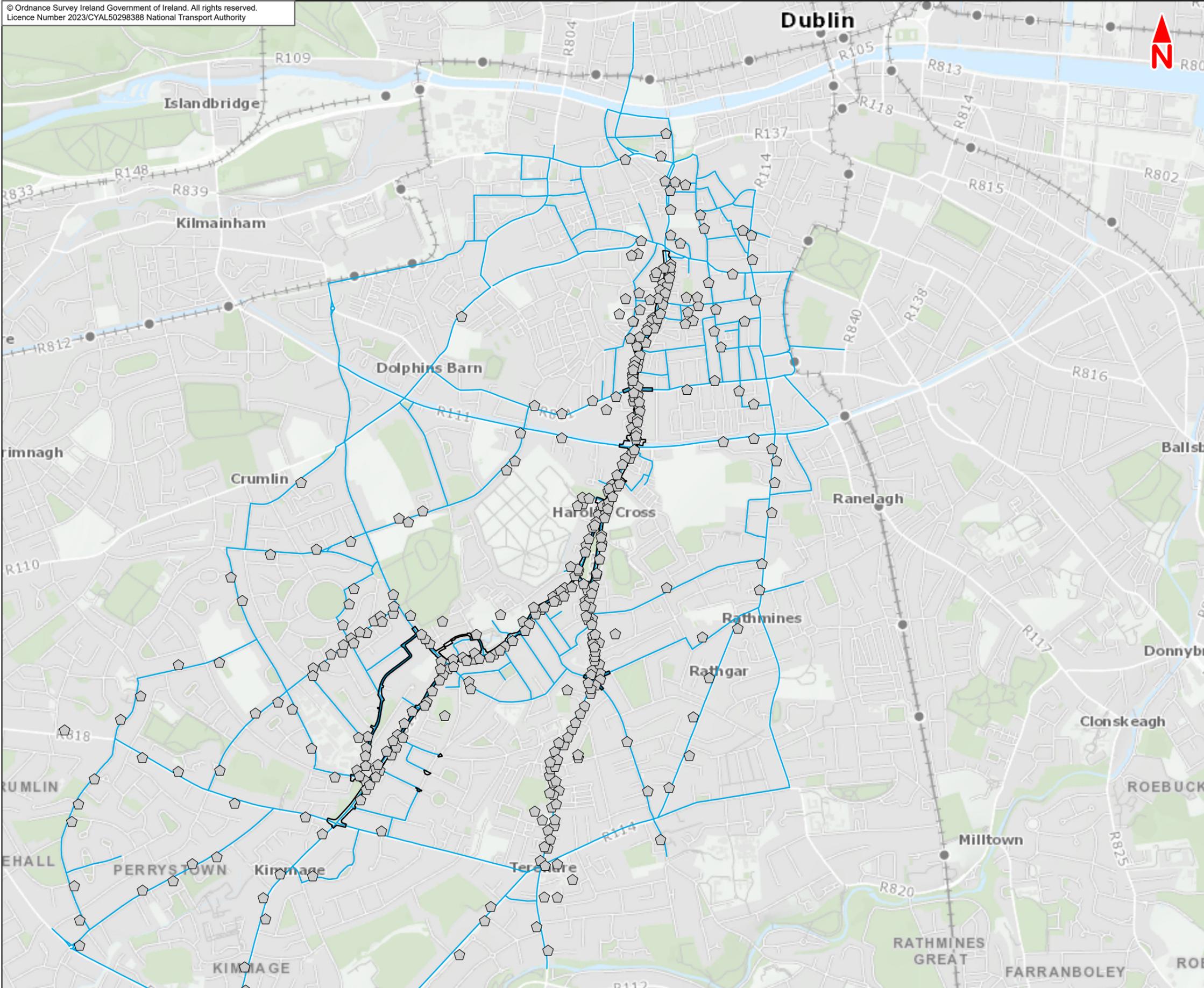
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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Kimmage to City Centre Core Bus Corridor Scheme Figure 7.4 Modelled Annual Mean PM ₁₀ Impacts (µg/m ³) due to Kimmage to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0003	Sheet Number: 1 of 1	Status: A	Rev: M01

7.5

Modelled Annual Mean
PM2.5 Impacts ($\mu\text{g}/\text{m}^3$) due to
Kimmage to City Centre Core
Bus Corridor Scheme (2028)





Legend :

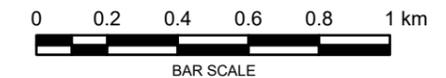
- Kimmage to City Centre Core Bus Corridor Scheme
- Modelled Road Network

Significance of the modelled change in the annual mean PM_{2.5} concentration due to Kimmage to City Centre Core Bus Corridor Scheme (2028)

- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial
- Moderate Beneficial
- Substantial Beneficial

PM_{2.5} Annual Mean Limit Value: 25 µg/m³

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Consultant

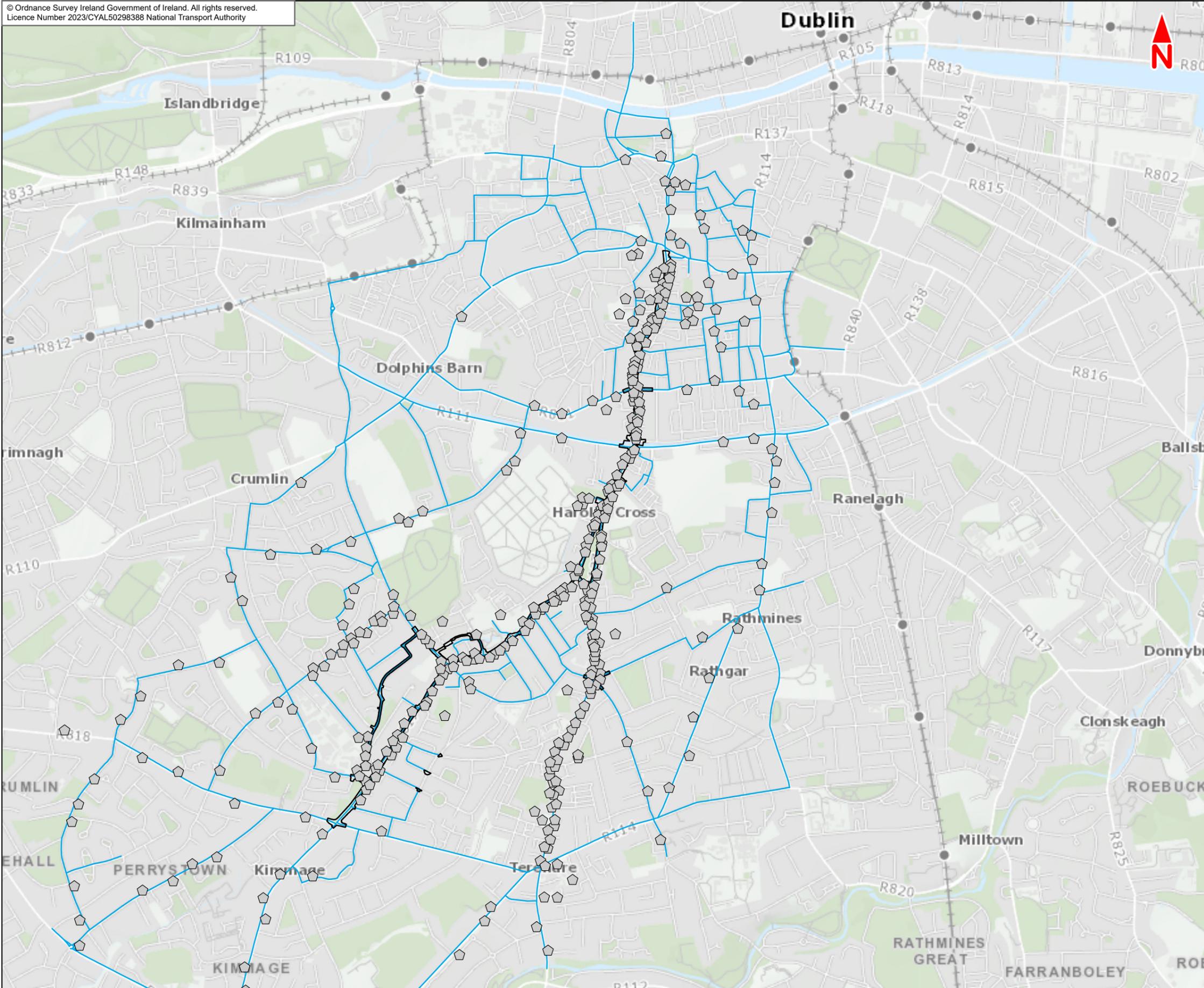
Programme Title					BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title					Kimmage to City Centre Core Bus Corridor Scheme Figure 7.5 Modelled Annual Mean PM _{2.5} Impacts (µg/m ³) due to Kimmage to City Centre Core Bus Corridor Scheme (2028)				
Drawing File Name	BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0004	Sheet Number	1 of 1	Status	A	Rev	M01		

Date	24/03/2023	Scale @ A3	1:20 000	Drawn	LF	Checked	SW	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					

7.6

Modelled Annual Mean
NO₂ Impacts ($\mu\text{g}/\text{m}^3$) due to Kimmage
to City Centre Core Bus Corridor
Scheme - Construction Phase (2024)





Legend :

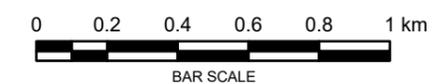
- Kimmage to City Centre Core Bus Corridor Scheme
- Modeled Road Network

Significance of the modelled change in the annual mean NO₂ concentration due to Kimmage to City Centre Core Bus Corridor Scheme - Construction Phase (2024)

- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial
- Moderate Beneficial
- Substantial Beneficial

NO₂ Annual Mean Limit Value: 40 µg/m³

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 24/03/2023
Scale @ A3: 1:20 000

Project Code: BCIDE
Originator Code: JAC

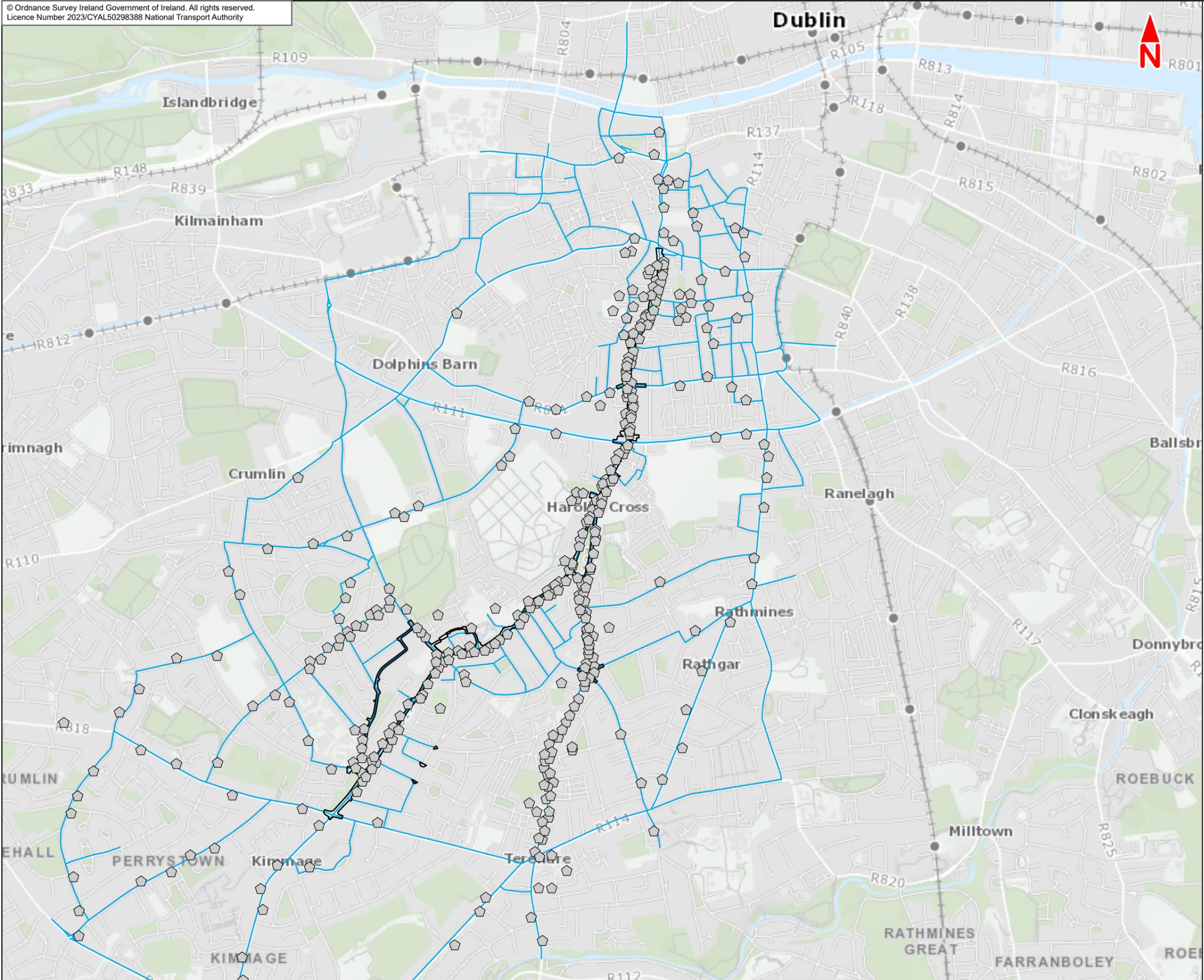
Drawn: LF
Checked: SW
Approved: DK

QMS Code: _____

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Kimmage to City Centre Core Bus Corridor Scheme Figure 7.6 Modelled Annual Mean NO ₂ Impacts (µg/m ³) due to Kimmage to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0005	Sheet Number: 1 of 1	Status: A	Rev: M01

7.7

Modelled Annual Mean
PM₁₀ Impacts ($\mu\text{g}/\text{m}^3$) due to
Kimmage to City Centre Core Bus
Corridor Scheme -Construction
Phase (2024)



Legend :

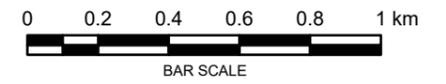
- Kimmage to City Centre Core Bus Corridor Scheme
- Modeled Road Network

Significance of the modelled change in the annual mean PM₁₀ concentration due to Kimmage to City Centre Core Bus Corridor Scheme - Construction Phase (2024)

- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial
- Moderate Beneficial
- Substantial Beneficial

PM₁₀ Annual Mean Limit Value: 40 µg/m³

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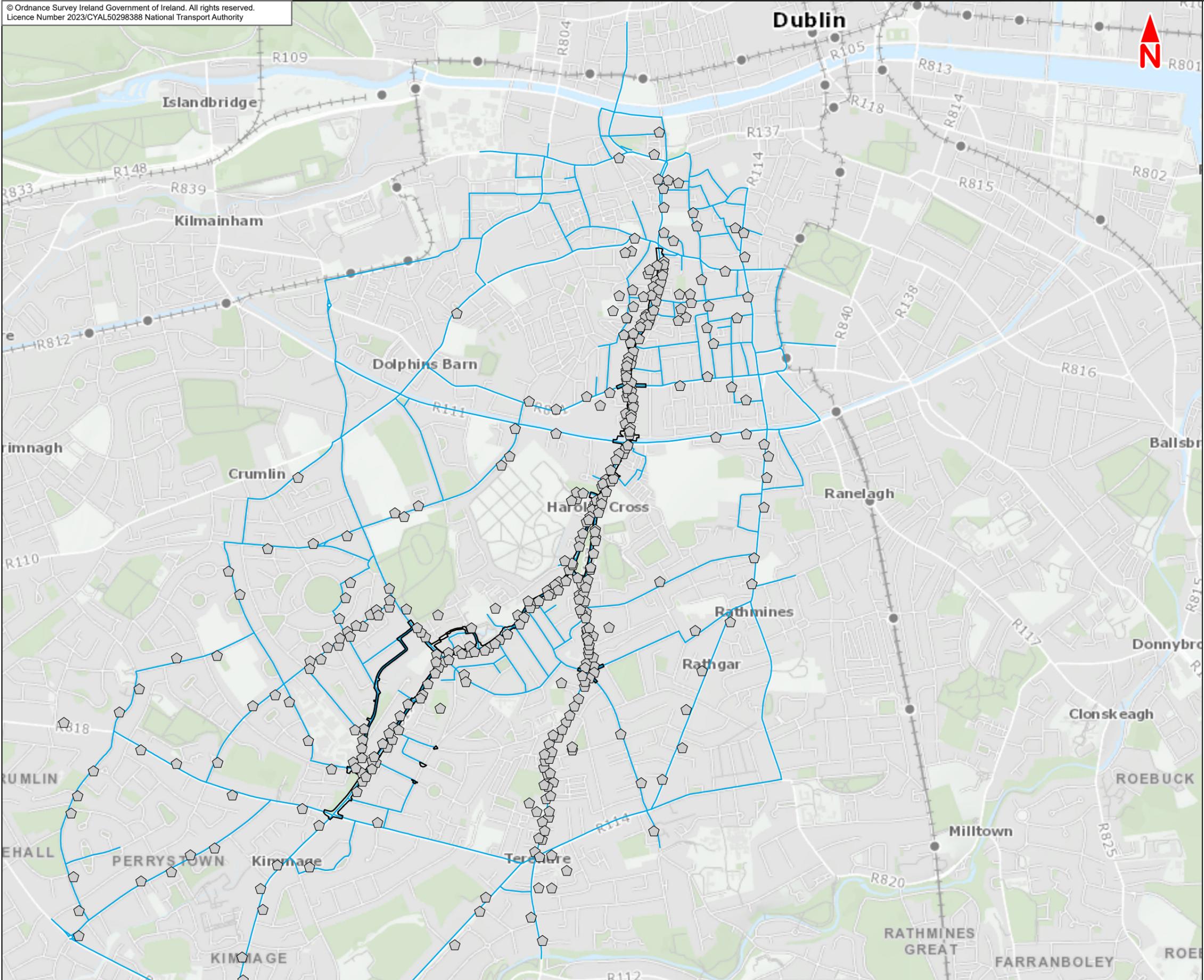
Consultant
JACOBS ARUP SYSTRA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title Kimmage to City Centre Core Bus Corridor Scheme Figure 7.7 Modelled Annual Mean PM ₁₀ Impacts (µg/m ³) due to Kimmage to City Centre Core Bus Corridor Scheme- Construction Phase (2024)			
Drawing File Name BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0006	Sheet Number 1 of 1	Status S3	Rev M01

Date 24/03/2023	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

7.8

Modelled Annual Mean
PM₁₀ Impacts ($\mu\text{g}/\text{m}^3$) due to
Kimmage to City Centre Core Bus
Corridor Scheme - Construction
Phase (2024)



Legend :

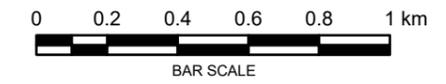
- Kimmage to City Centre Core Bus Corridor Scheme
- Modeled Road Network

Significance of the modelled change in the annual mean PM_{2.5} concentration due to Kimmage to City Centre Core Bus Corridor Scheme - Construction Phase (2024)

- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial
- Moderate Beneficial
- Substantial Beneficial

PM_{2.5} Annual Mean Limit Value: 25 µg/m³

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Rev	Date	Drn	Chk'd	App'd	Description
M01	Mar 2023	LF	SW	DK	ISSUE FOR PHASE 4 : PLANNING

Client

Date: 24/03/2023
Scale @ A3: 1:20 000

Consultant

Drawn: LF
Checked: SW
Approved: DK

Programme Title				BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title				Kimmage to City Centre Core Bus Corridor Scheme Figure 7.8 Modelled Annual Mean PM _{2.5} Impacts (µg/m ³) due to Kimmage to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name	Sheet Number	Status	Rev				
BCIDE-JAC-ENV_AQ-0011_XX_00-DR-GG-0007	1 of 1	A	M01				