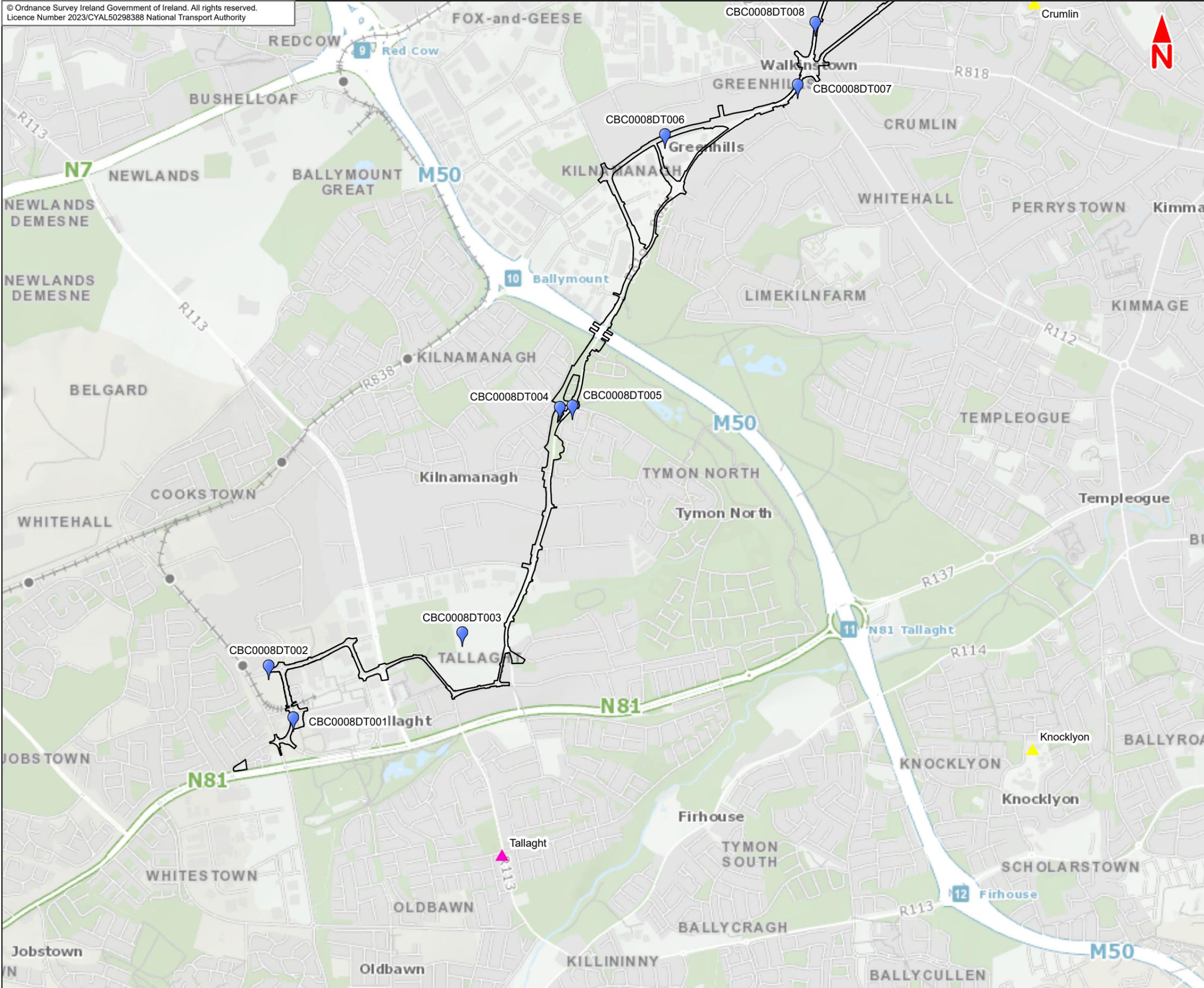


**Chapter 07**  
Air Quality





**7.1**  
Monitoring Locations



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

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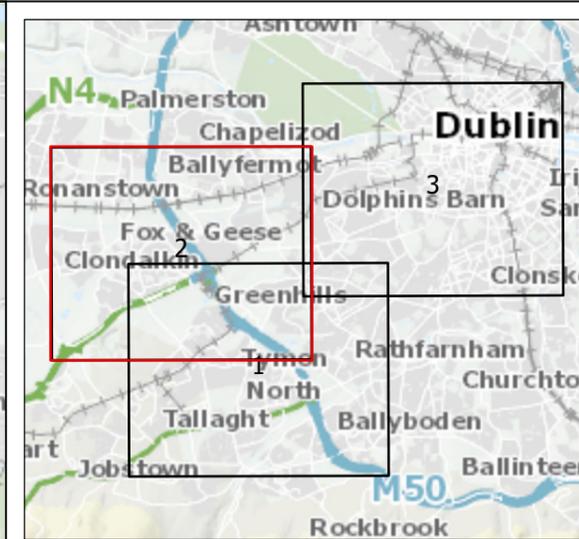
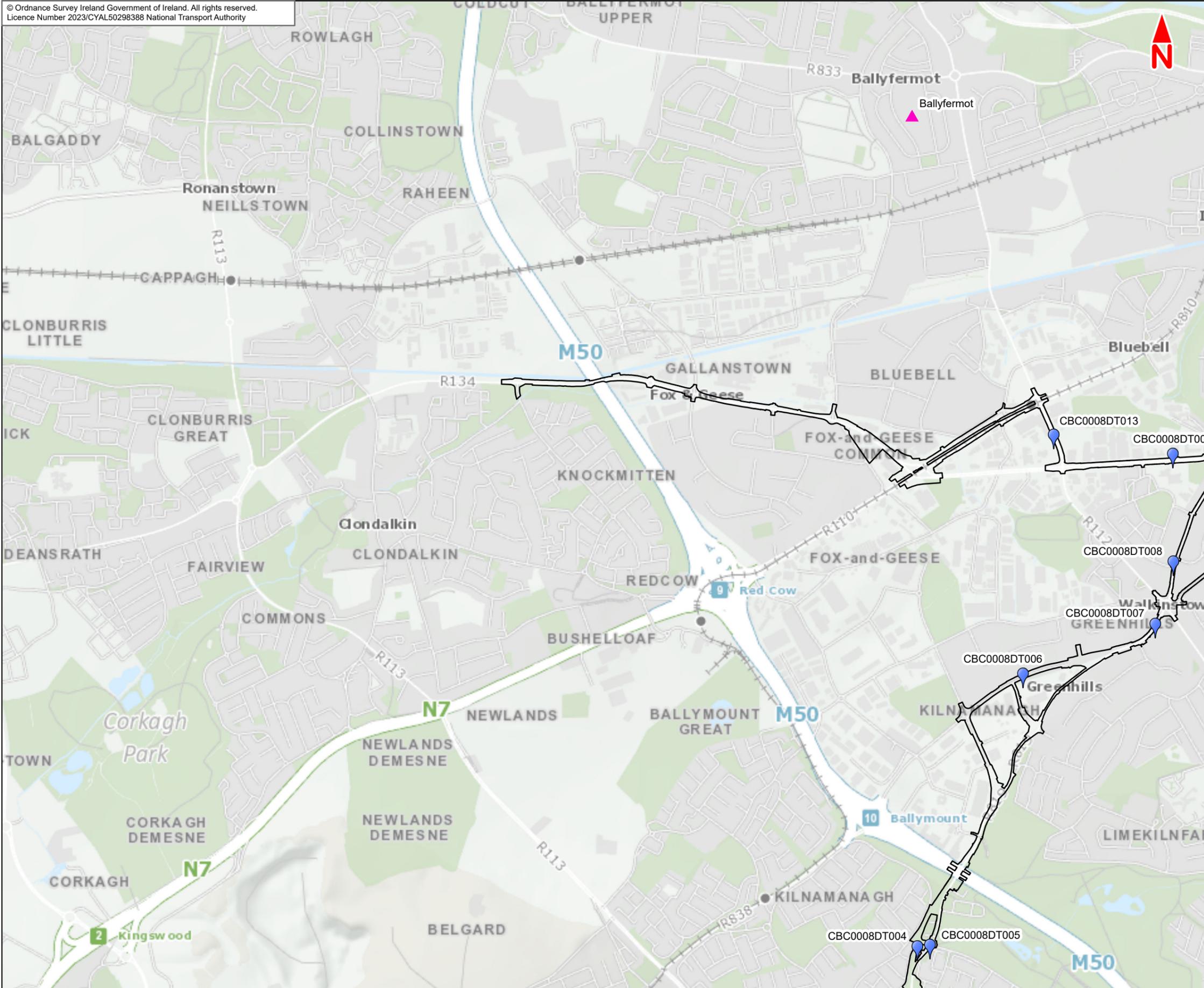
Client: **NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 14/03/2023 | Scale @ A3: 1:20 000  
Project Code: BCIDE | Originator Code: JAC

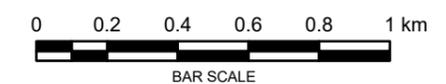
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Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.1 Monitoring Locations			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0101	Sheet Number: 1 of 3	Status: A	Rev: M01



- Legend :**
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
  - Diffusion Tube
  - EPA Current Monitoring Site

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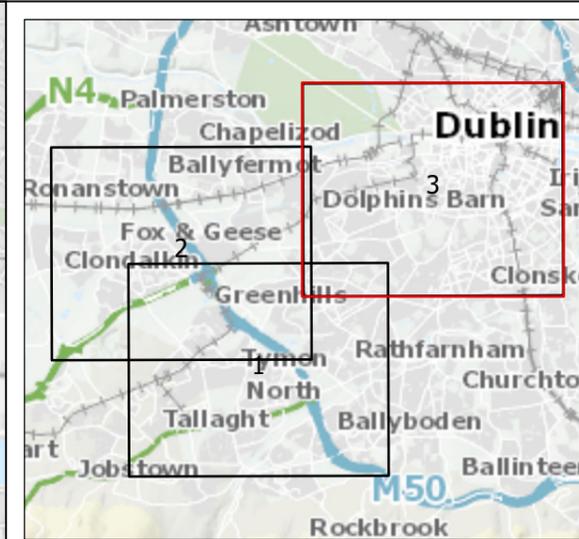
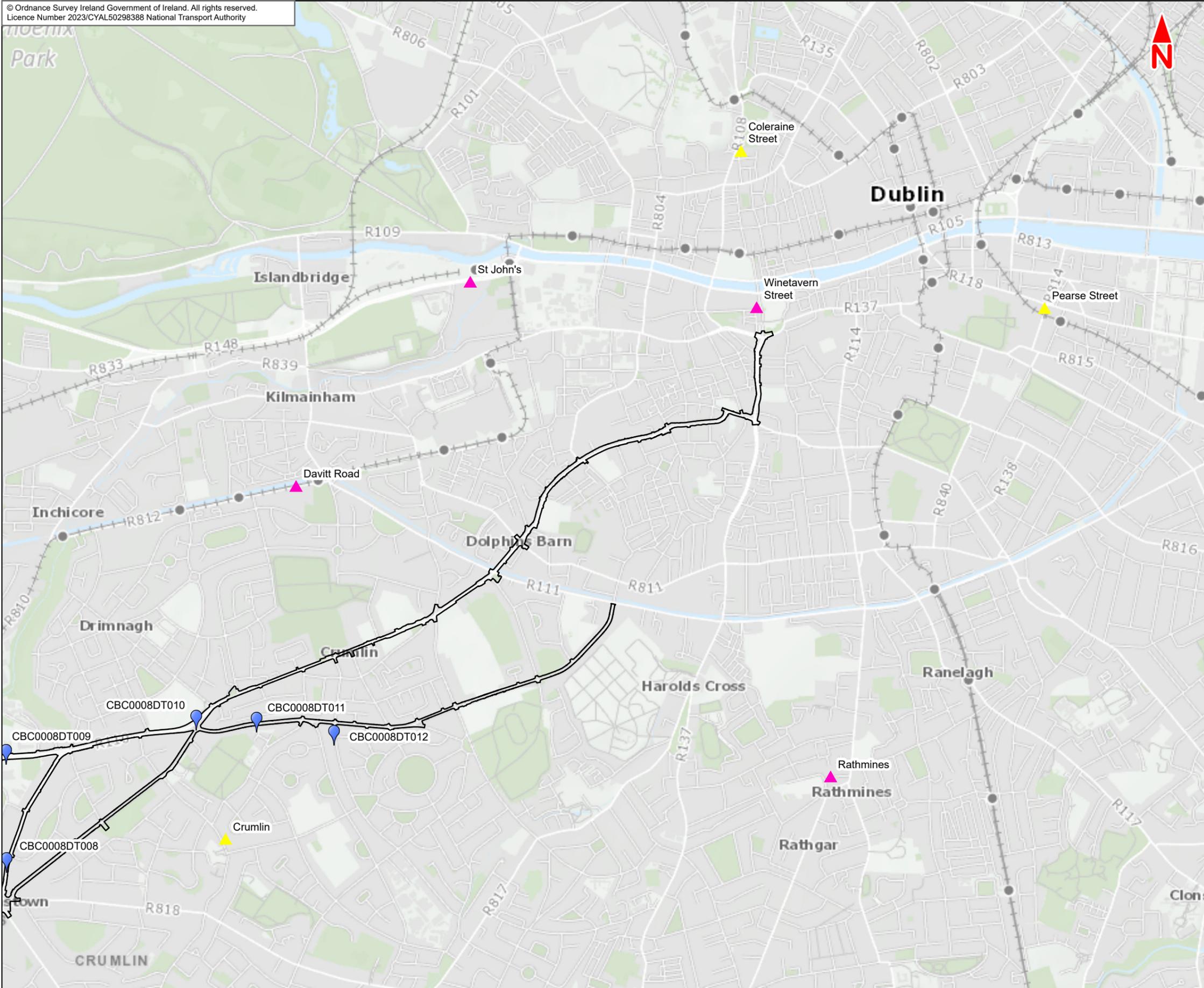
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Date 14/03/2023	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.1 Monitoring Locations				
Drawing File Name BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0102	Sheet Number 2 of 3	Status A	Rev M01	



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

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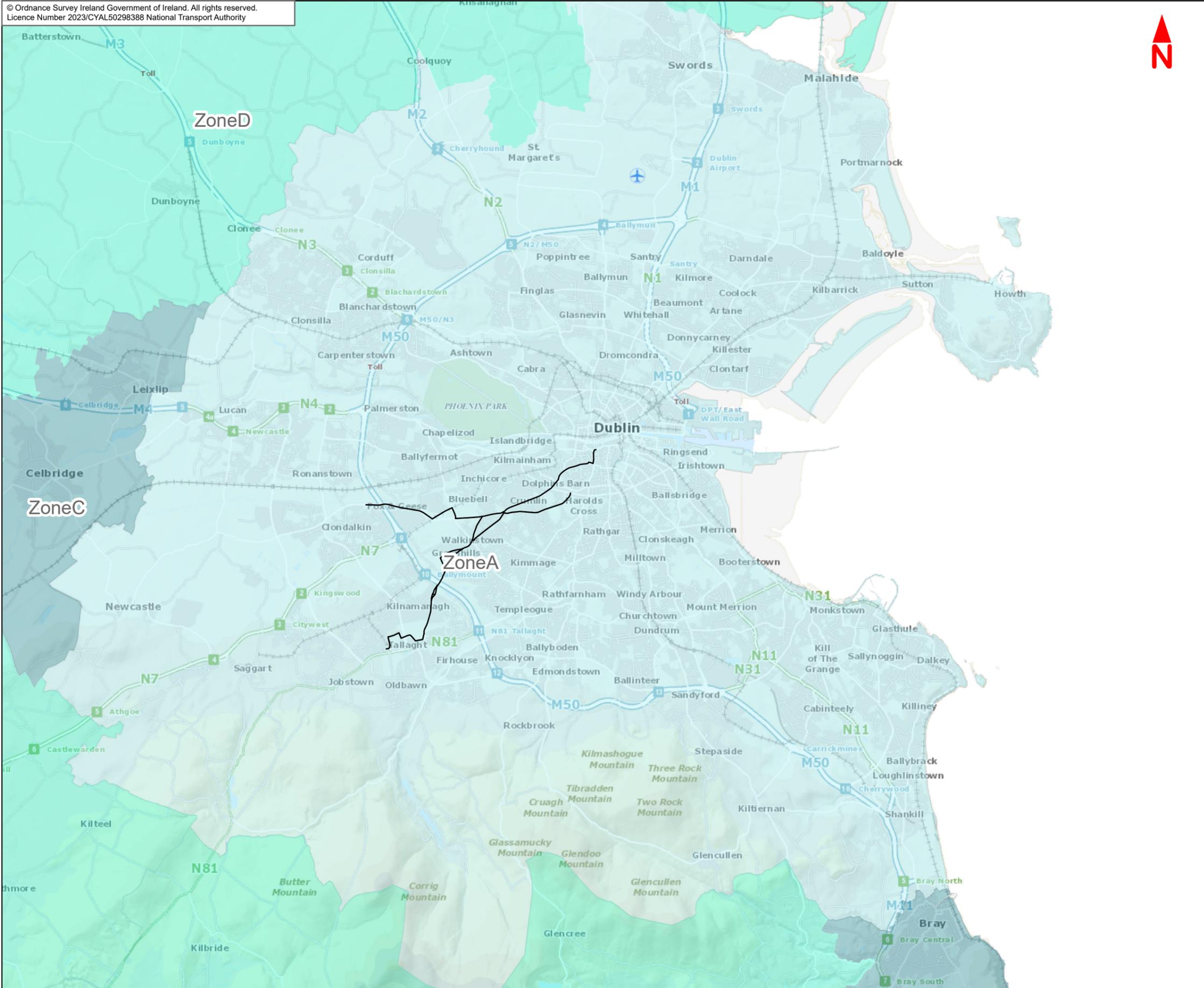
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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 14/03/2023	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.1 Monitoring Locations				
Drawing File Name BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0103	Sheet Number 3 of 3	Status A	Rev M01	

## 7.2 Air Quality Zones





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

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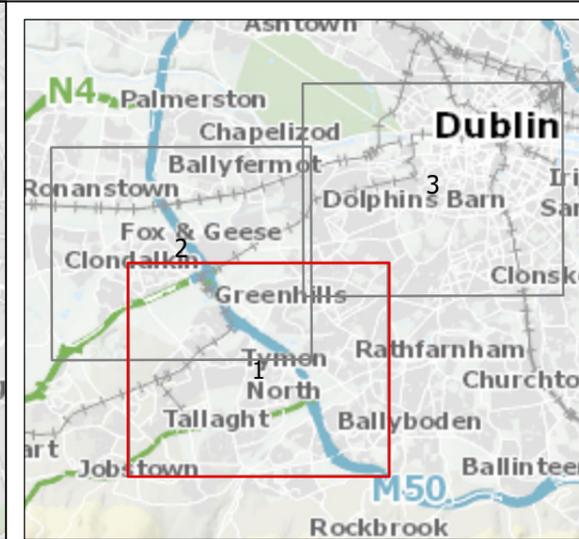
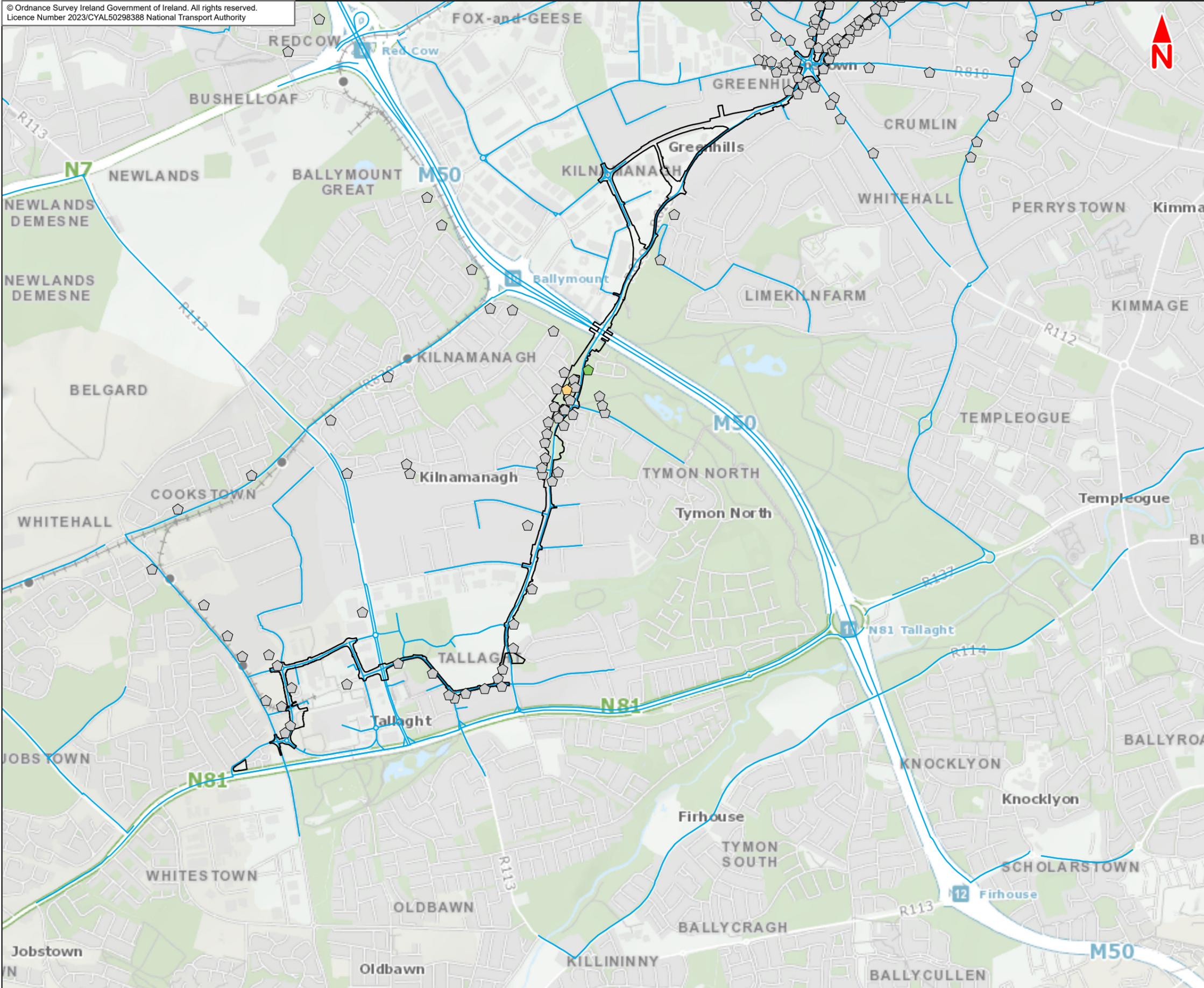
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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 14/03/2023	Scale @ A3 1:125 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.2 Air Quality Zones				
Drawing File Name BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0200	Sheet Number 1 of 1	Status A	Rev M01	

## 7.3

Modelled Annual Mean NO<sub>2</sub>  
Impacts (µg/m<sup>3</sup>) due to Tallaght /  
Clondalkin to City Centre Core Bus  
Corridor Scheme (2028)



**Legend :**

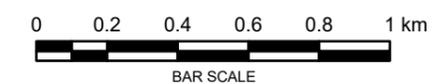
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean NO<sub>2</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)**

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

NO<sub>2</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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Udarás Náisiúnta Iompair  
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 14/03/2023 | Scale @ A3: 1:20 000

Project Code: BCIDE | Originator Code: JAC

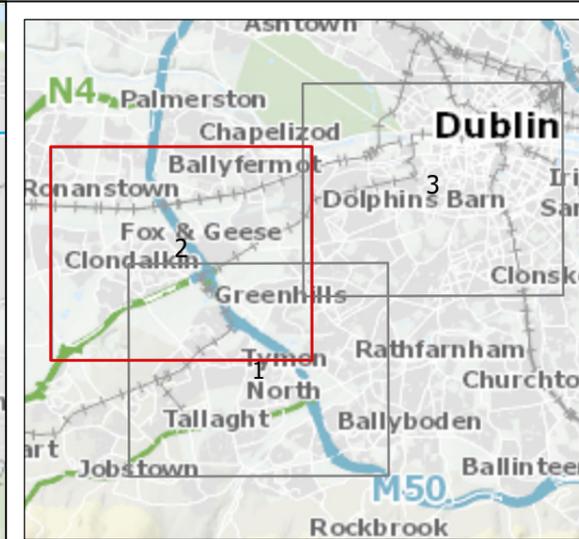
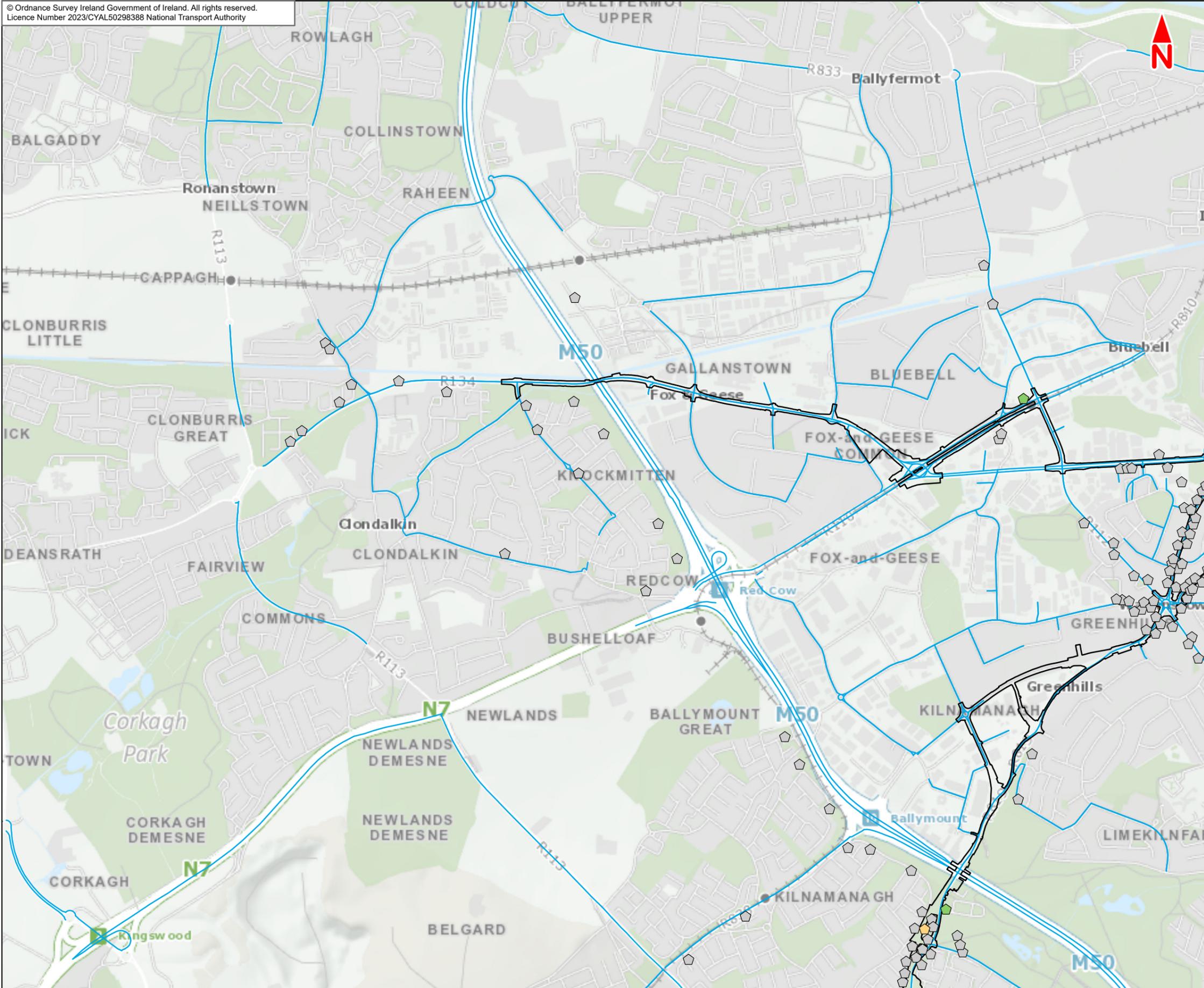
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QMS Code: \_\_\_\_\_

Programme Title: **BUSCONNECTS DUBLIN  
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme  
Figure 7.3  
Modelled Annual Mean NO<sub>2</sub> Impacts (µg/m<sup>3</sup>) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)

Drawing File Name: BCIDE-JAC-ENV\_AQ-0809\_XX\_00-DR-GG-0301 | Sheet Number: 1 of 3 | Status: A | Rev: M01



**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean NO<sub>2</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)**

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

NO<sub>2</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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0 0.2 0.4 0.6 0.8 1 km  
BAR SCALE

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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: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme  
Figure 7.3  
Modelled Annual Mean NO<sub>2</sub> Impacts (µg/m<sup>3</sup>) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)

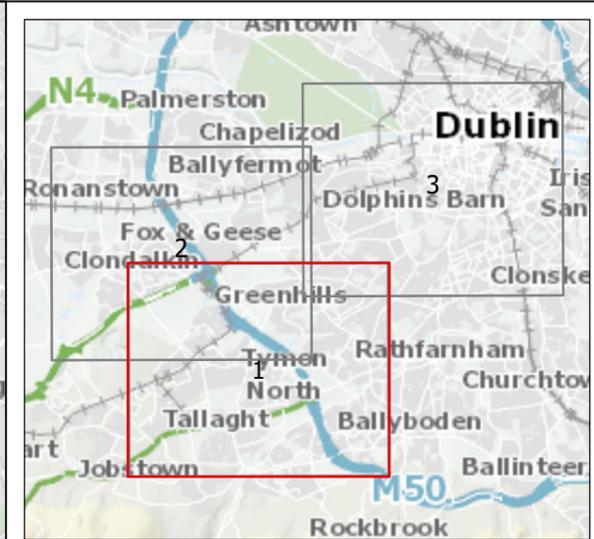
Drawing File Name: BCIDE-JAC-ENV\_AQ-0809\_XX\_00-DR-GG-0302  
Sheet Number: 2 of 3  
Status: A  
Rev: M01





## 7.4

Modelled Annual Mean PM<sub>10</sub>  
Impacts ( $\mu\text{g}/\text{m}^3$ ) due to Tallaght /  
Clondalkin to City Centre Core Bus  
Corridor Scheme (2028)



**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>10</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)**

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

PM<sub>10</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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0 0.2 0.4 0.6 0.8 1 km  
BAR SCALE

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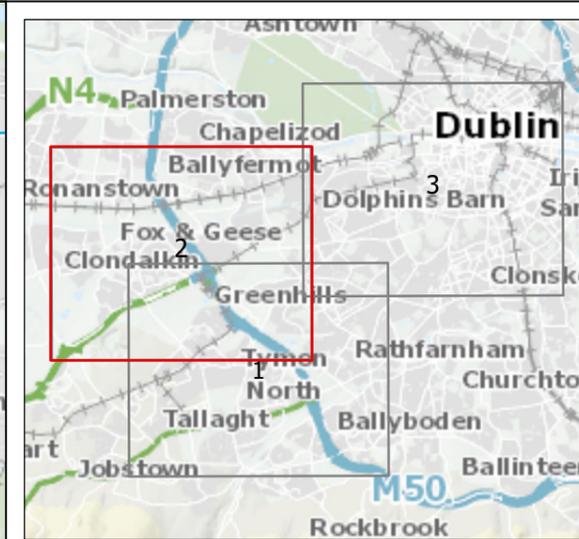
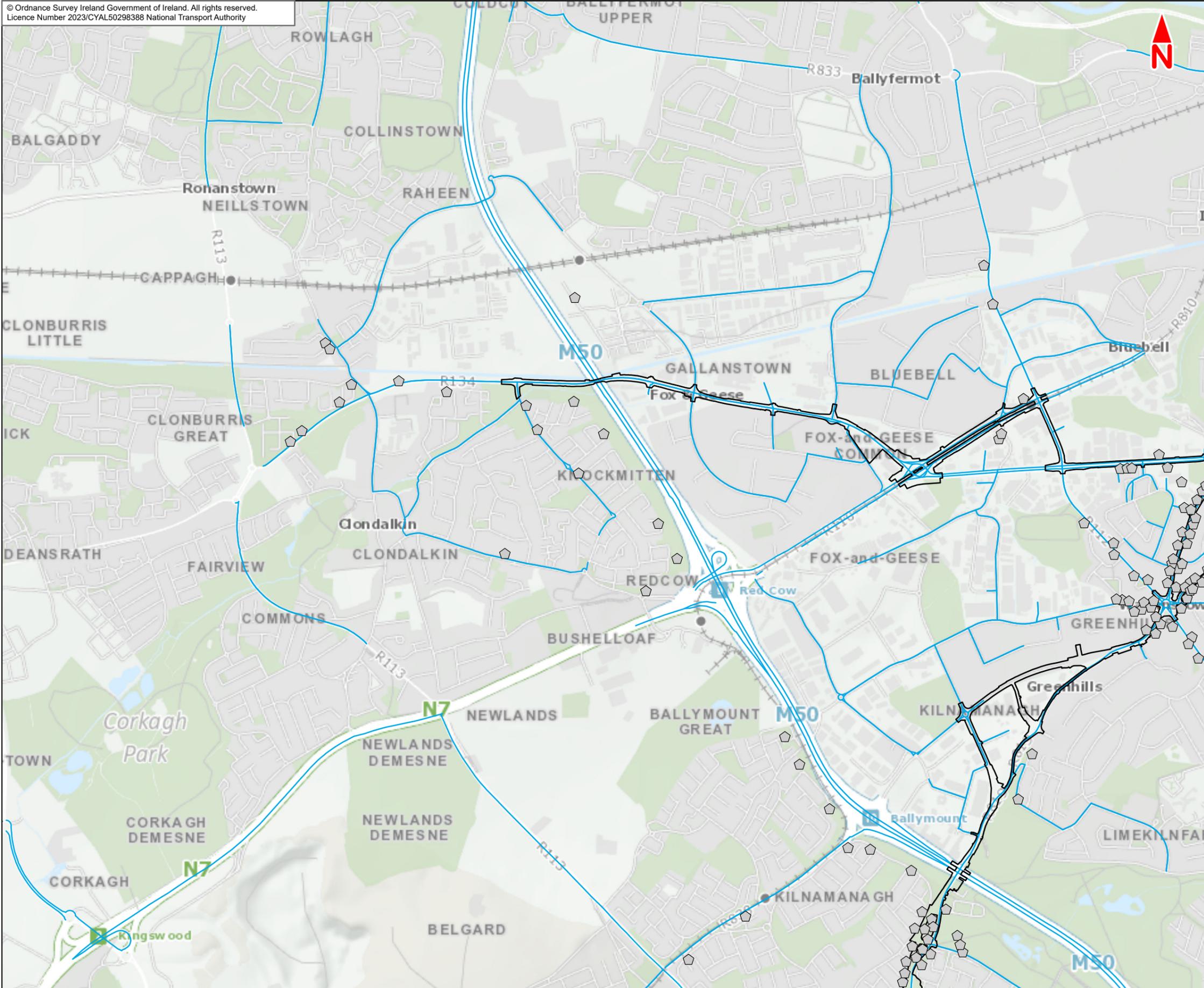
Date: 20/03/2023  
Scale @ A3: 1:20 000

Project Code: BCIDE  
Originator Code: JAC

Drawn: LF  
Checked: SW  
Approved: DK

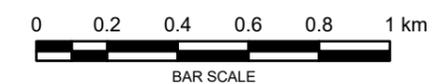
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Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.4			
Modelled Annual Mean PM <sub>10</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0401	Sheet Number: 1 of 3	Status: A	Rev: M01



- Legend :**
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
  - Modelled Road Network
- Significance of the modelled change in the annual mean PM<sub>10</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)**
- Negligible
  - Slight Adverse
  - Moderate Adverse
  - Substantial Adverse
  - Slight Beneficial
  - Moderate Beneficial
  - Substantial Beneficial
- PM<sub>10</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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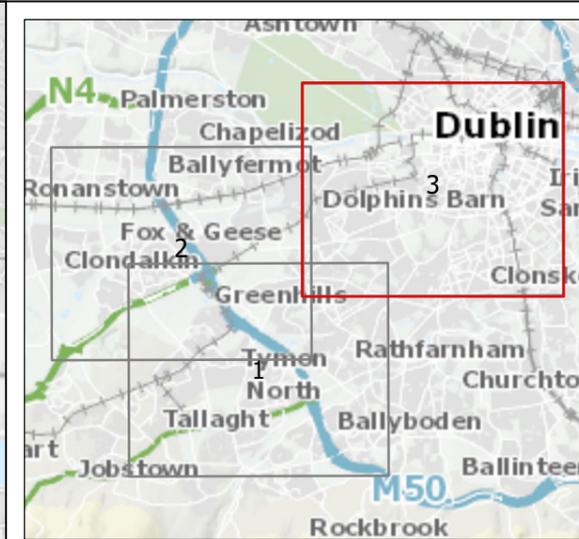
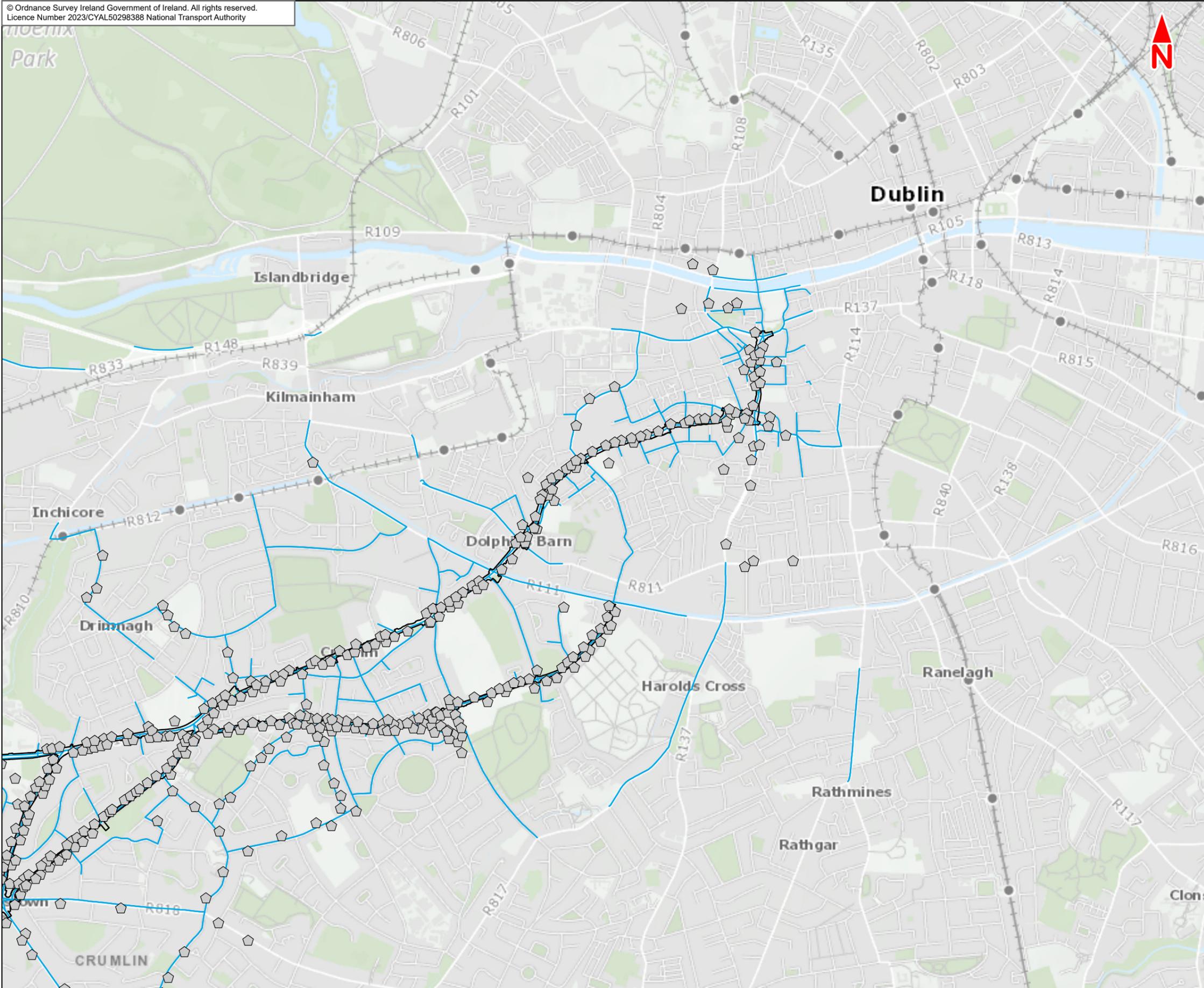
Client: **NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 20/03/2023 | Scale @ A3: 1:20 000  
Project Code: BCIDE | Originator Code: JAC

Drawn: LF | Checked: SW | Approved: DK  
QMS Code: \_\_\_\_\_

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
Drawing Title: <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme			
Figure 7.4			
Modelled Annual Mean PM <sub>10</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0402	Sheet Number: 2 of 3	Status: A	Rev: M01



**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>10</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)**

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

PM<sub>10</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

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

Project Code: BCIDE  
Originator Code: JAC

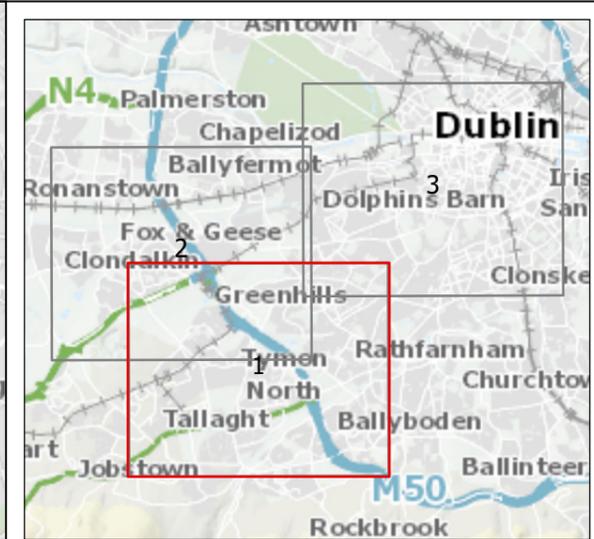
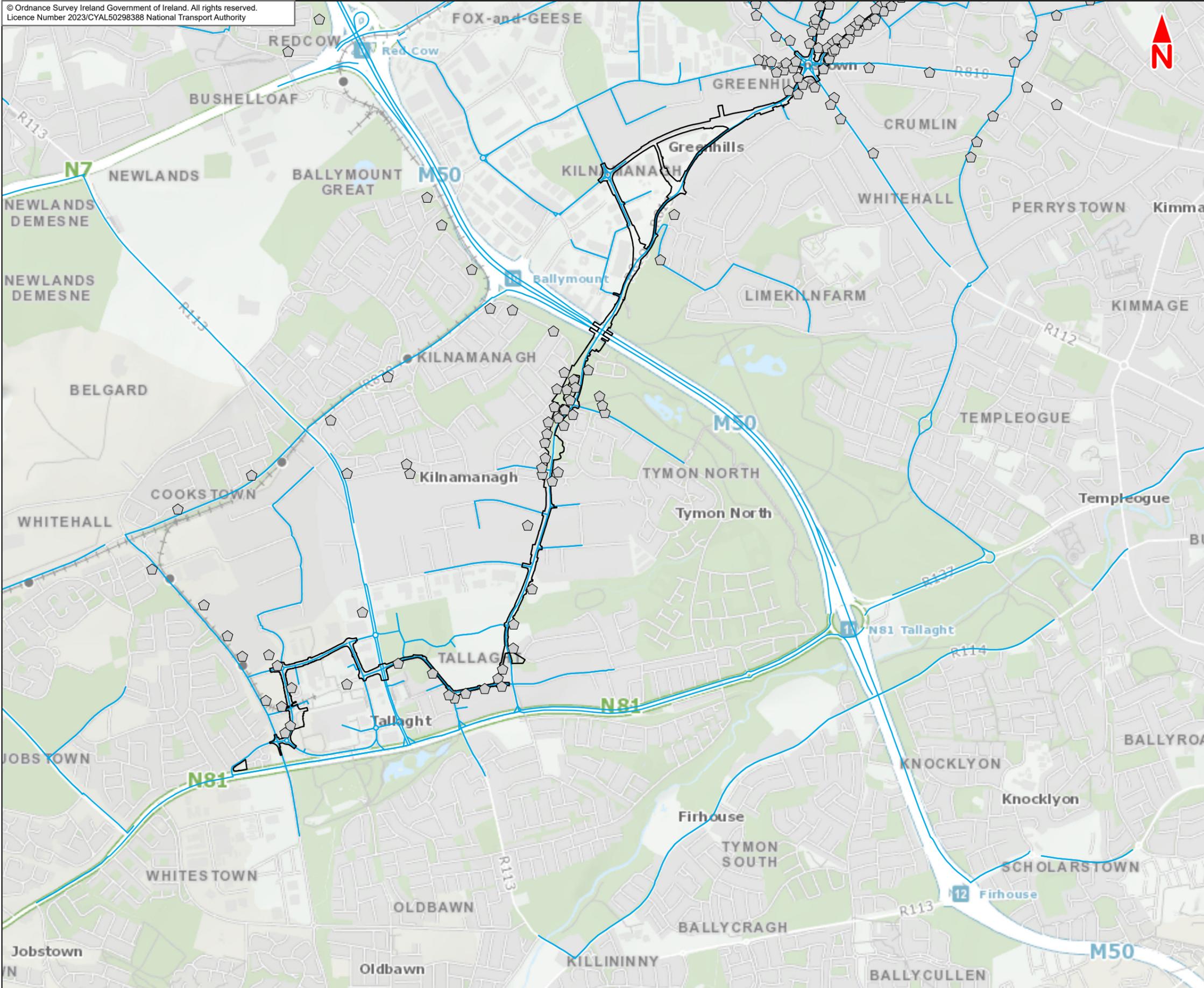
Drawn: LF  
Checked: SW  
Approved: DK

QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme			
Figure 7.4			
Modelled Annual Mean PM <sub>10</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0403	Sheet Number: 3 of 3	Status: A	Rev: M01

## 7.5

Modelled Annual Mean PM<sub>2.5</sub>  
Impacts ( $\mu\text{g}/\text{m}^3$ ) due to Tallaght /  
Clondalkin to City Centre Core Bus  
Corridor Scheme (2028)



**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)**

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

PM<sub>2.5</sub> Annual Mean Limit Value: 25 µg/m<sup>3</sup>

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0 0.2 0.4 0.6 0.8 1 km  
BAR SCALE

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Consultant: **JACOBS ARUP SYSTRA**

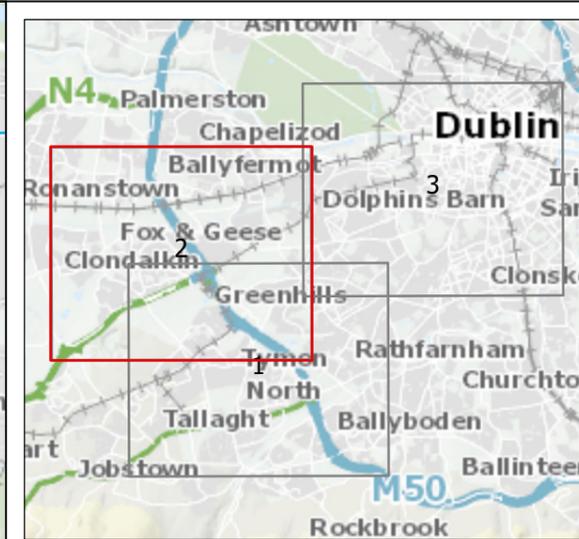
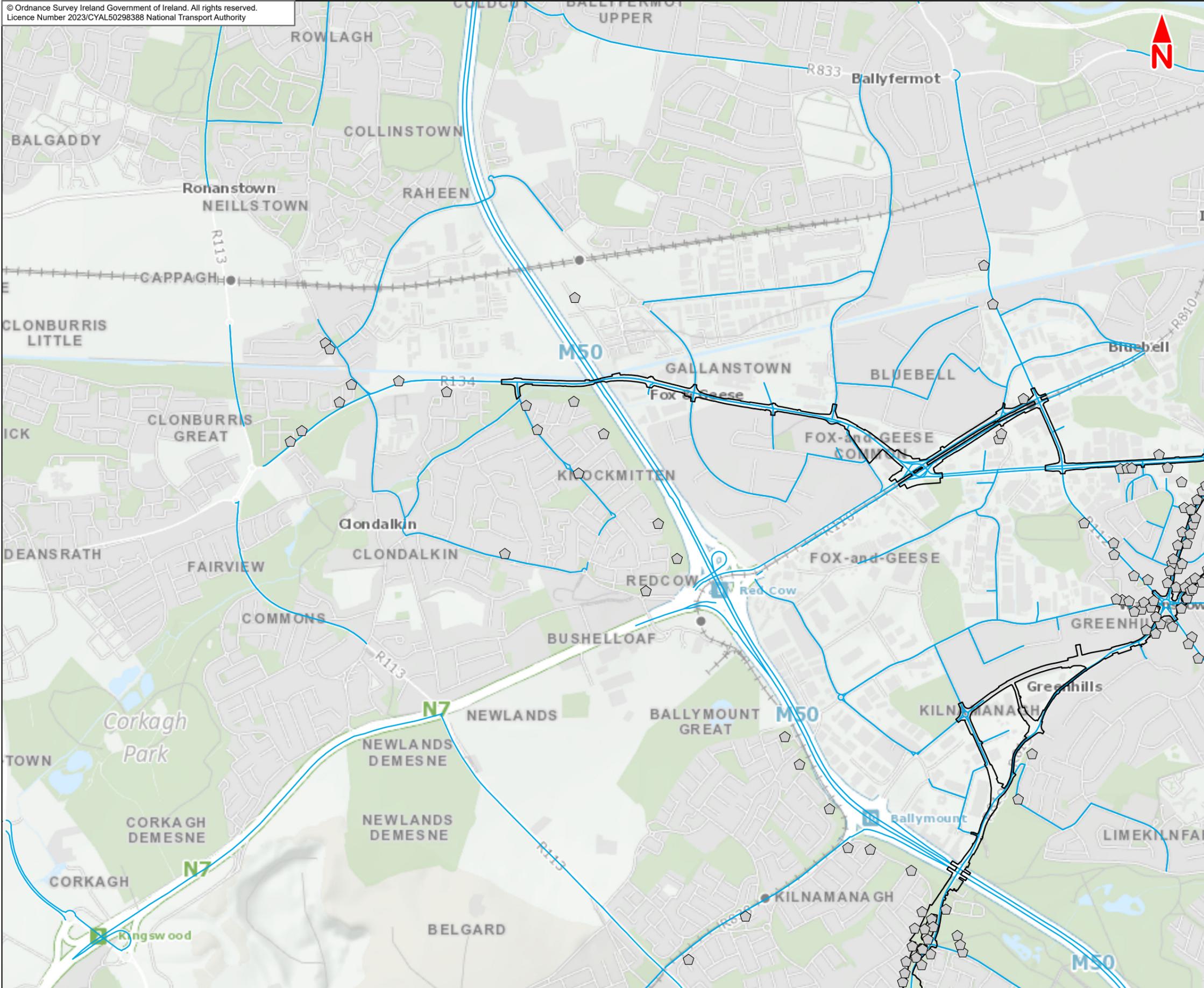
Date: 14/03/2023  
Scale @ A3: 1:20 000

Project Code: BCIDE  
Originator Code: JAC

Drawn: LF  
Checked: SW  
Approved: DK

QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.5 Modelled Annual Mean PM <sub>2.5</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0501	Sheet Number: 1 of 3	Status: A	Rev: M01



**Legend :**

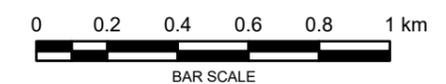
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)**

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

PM<sub>2.5</sub> Annual Mean Limit Value: 25 µg/m<sup>3</sup>

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NTA  
Udarás Náisiúnta Iompair  
National Transport Authority

**Consultant**  
Jacobs  
ARUP SYSTRA

Date: 14/03/2023  
Scale @ A3: 1:20 000

Project Code: BCIDE  
Originator Code: JAC

Drawn: LF  
Checked: SW  
Approved: DK

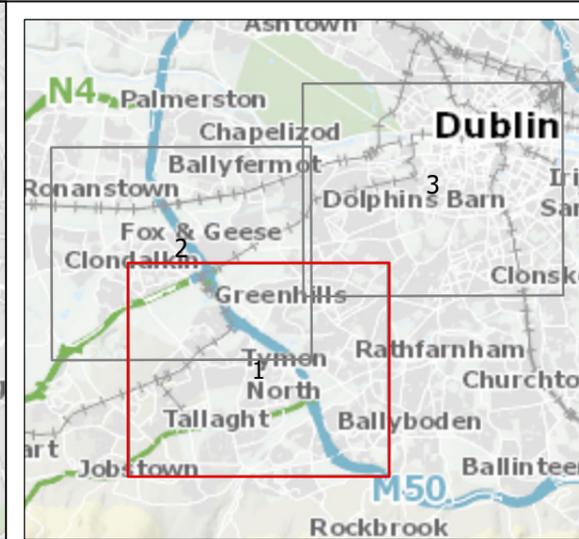
QMS Code

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.5 Modelled Annual Mean PM <sub>2.5</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0502	Sheet Number 2 of 3	Status A	Rev M01



## 7.6

Modelled Annual Mean NO<sub>2</sub> Impacts  
(µg/m<sup>3</sup>) due to Tallaght / Clondalkin  
to City Centre Core Bus Corridor  
Scheme (2024)



**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean NO<sub>2</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

NO<sub>2</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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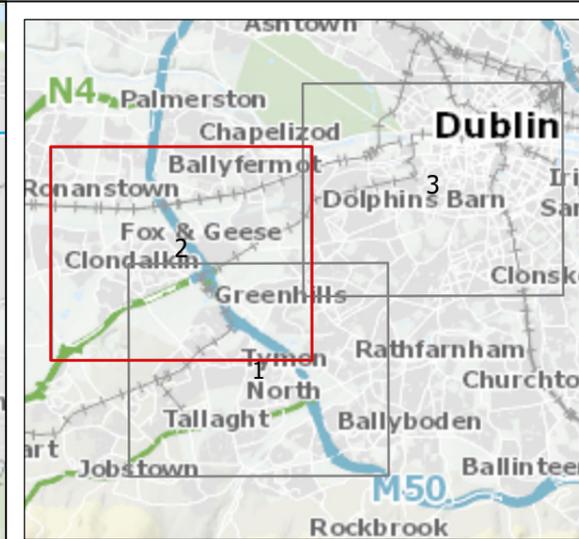
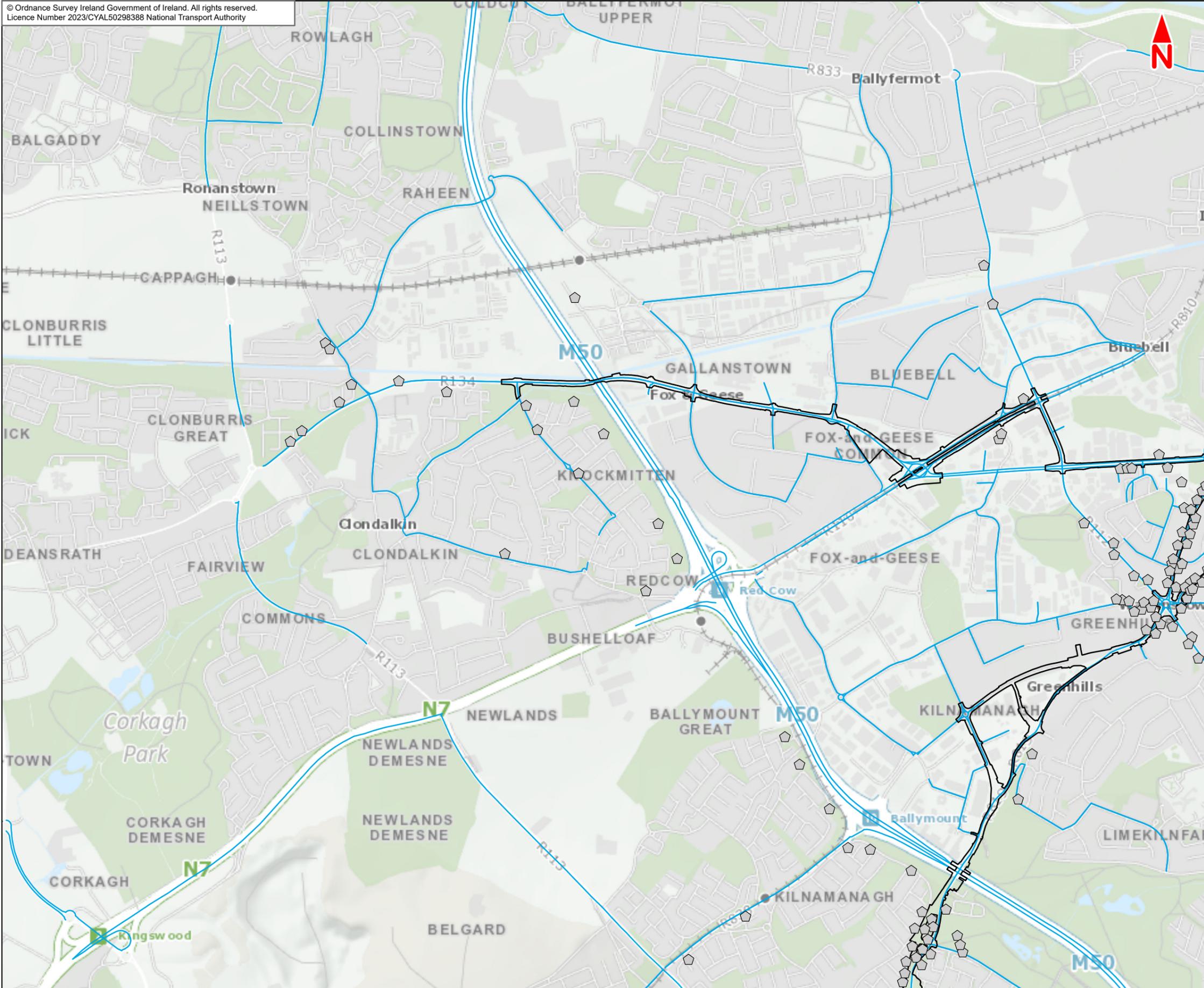
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Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 17/03/2023	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.6 Modelled Annual Mean NO <sub>2</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)				
Drawing File Name BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0601	Sheet Number 1 of 3	Status A	Rev M01	



**Legend :**

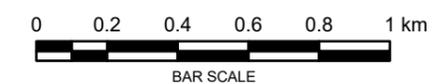
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean NO<sub>2</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

NO<sub>2</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

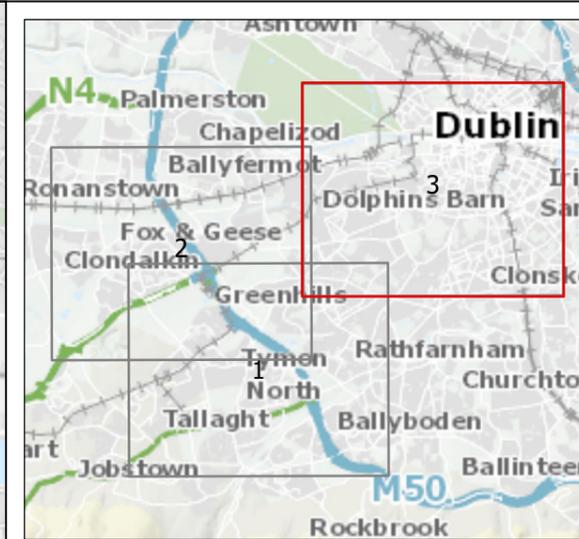
Date: 17/03/2023 | Scale @ A3: 1:20 000

Project Code: BCIDE | Originator Code: JAC

Drawn: LF | Checked: SW | Approved: DK

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme			
Figure 7.6: Modelled Annual Mean NO <sub>2</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0602	Sheet Number: 2 of 3	Status: A	Rev: M01



**Legend :**

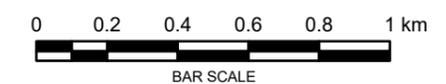
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean NO<sub>2</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

NO<sub>2</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 17/03/2023  
Scale @ A3: 1:20 000

Drawn: LF  
Checked: SW  
Approved: DK

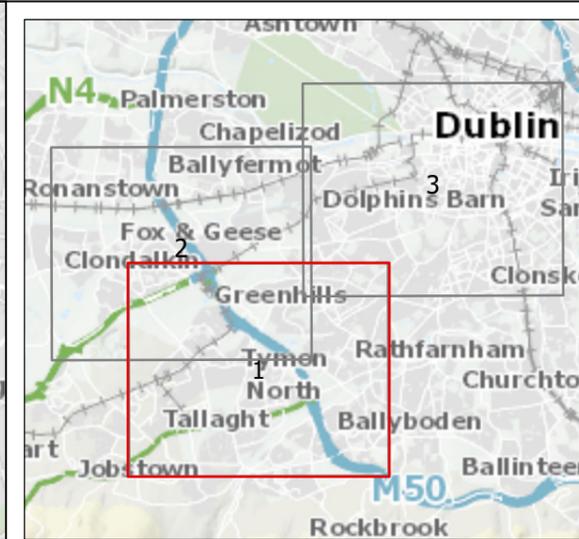
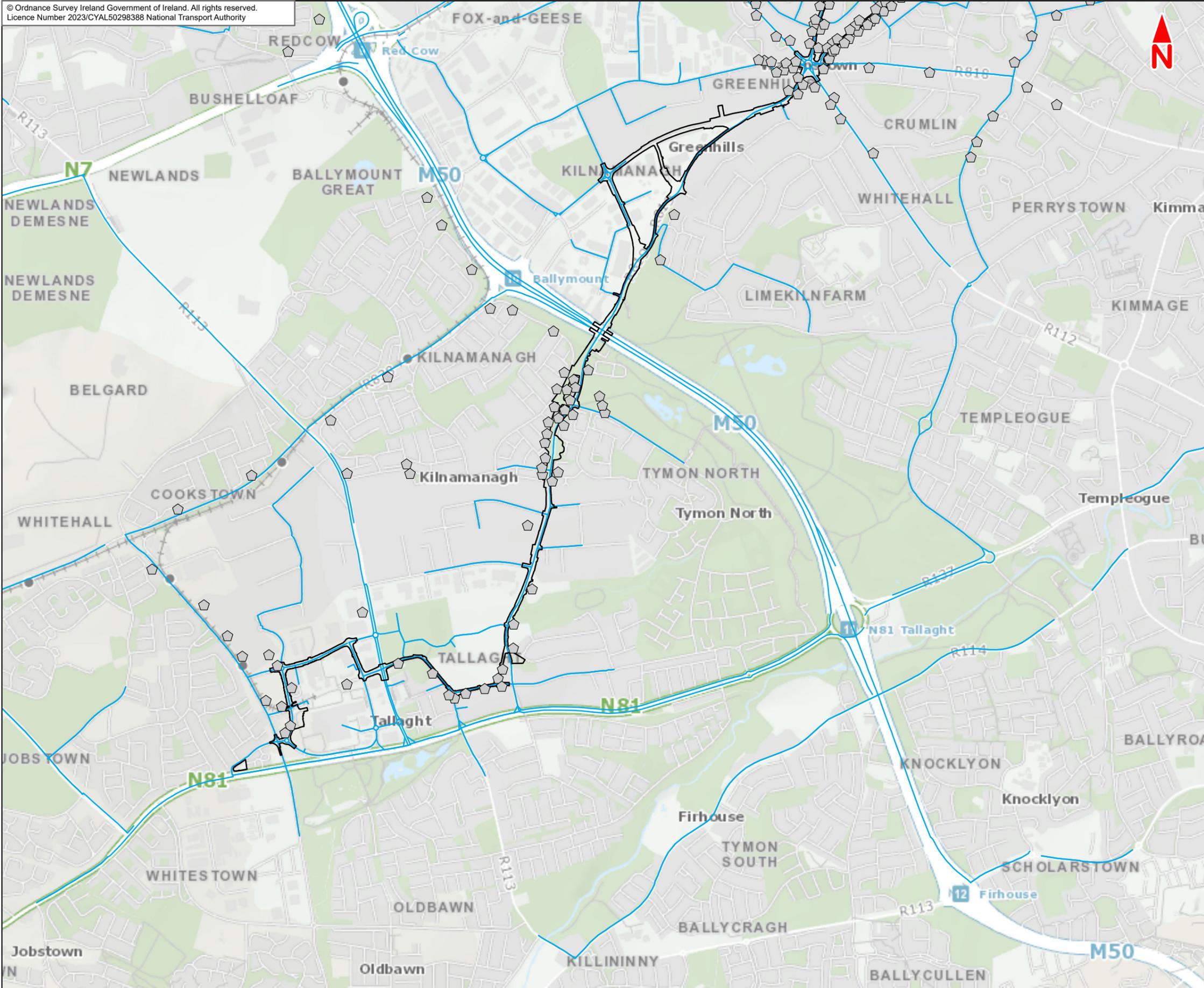
Project Code: BCIDE  
Originator Code: JAC

QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.6 Modelled Annual Mean NO <sub>2</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0603	Sheet Number: 3 of 3	Status: A	Rev: M01

## 7.7

Modelled Annual Mean PM<sub>10</sub>  
Impacts ( $\mu\text{g}/\text{m}^3$ ) due to Tallaght /  
Clondalkin to City Centre Core Bus  
Corridor Scheme (2024)



**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>10</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

- Negligible
  - Slight Adverse
  - Moderate Adverse
  - Substantial Adverse
  - Slight Beneficial
  - Moderate Beneficial
  - Substantial Beneficial
- PM<sub>10</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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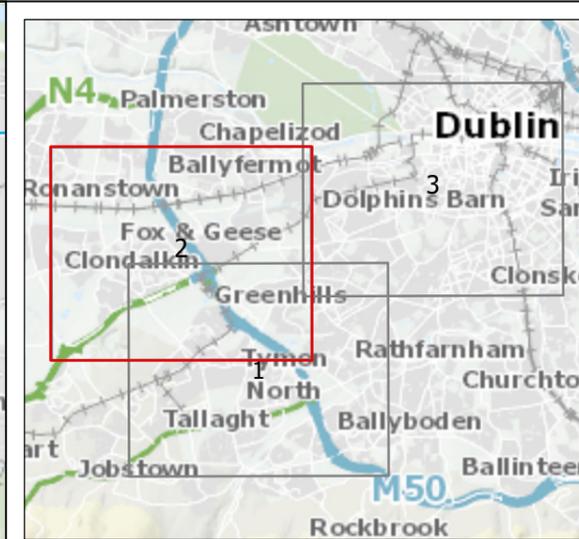
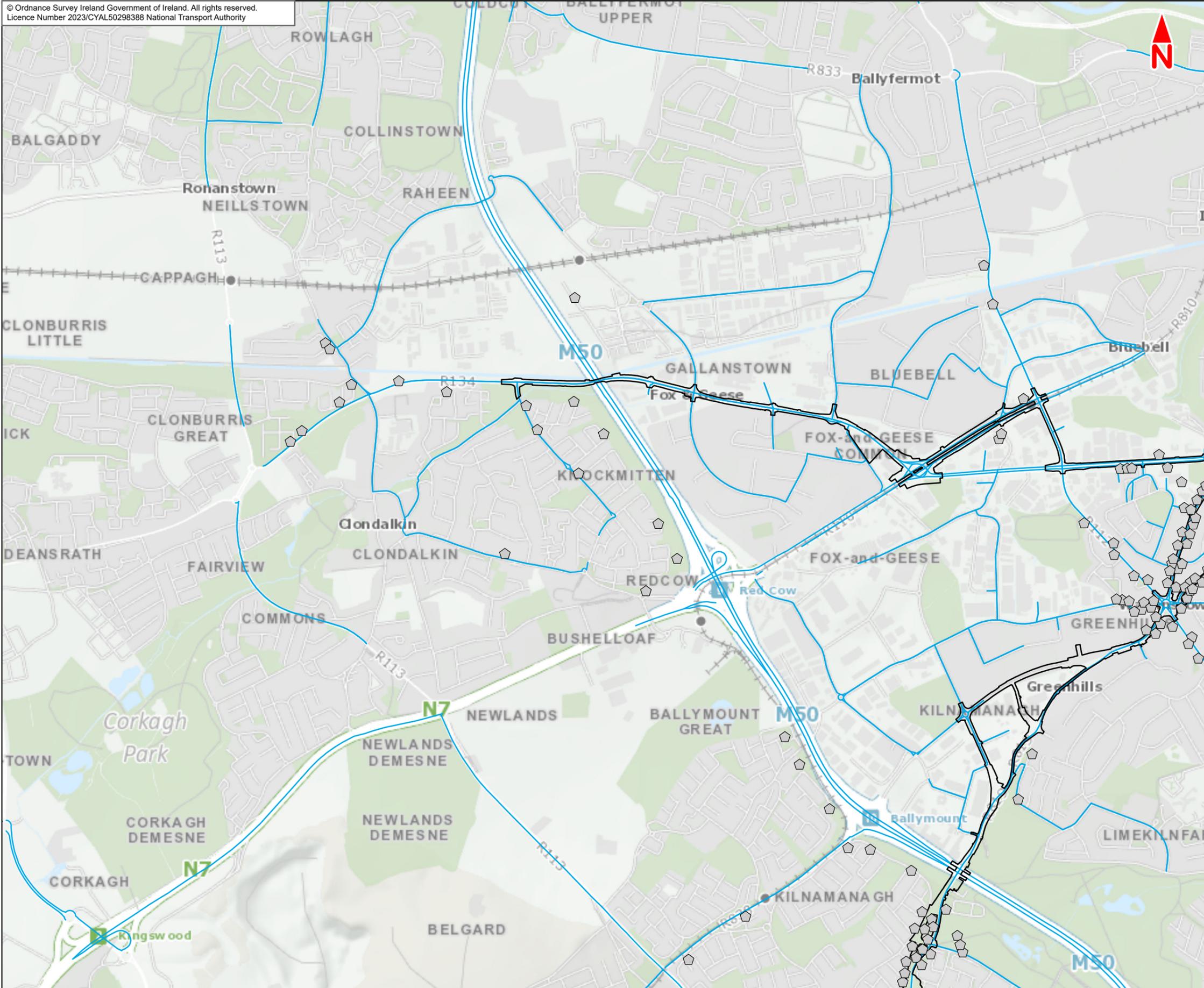
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M01	Mar 2023	LF	SW	DK	ISSUE FOR PHASE 4 : PLANNING

Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS ARUP SYSTRA</b>		
Date 17/03/2023	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.7 Modelled Annual Mean PM <sub>10</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme- Construction Phase (2024)				
Drawing File Name BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0701	Sheet Number 1 of 3	Status A	Rev M01	



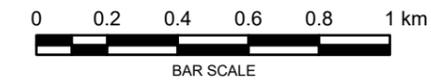
**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>10</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

- Negligible
  - Slight Adverse
  - Moderate Adverse
  - Substantial Adverse
  - Slight Beneficial
  - Moderate Beneficial
  - Substantial Beneficial
- PM<sub>10</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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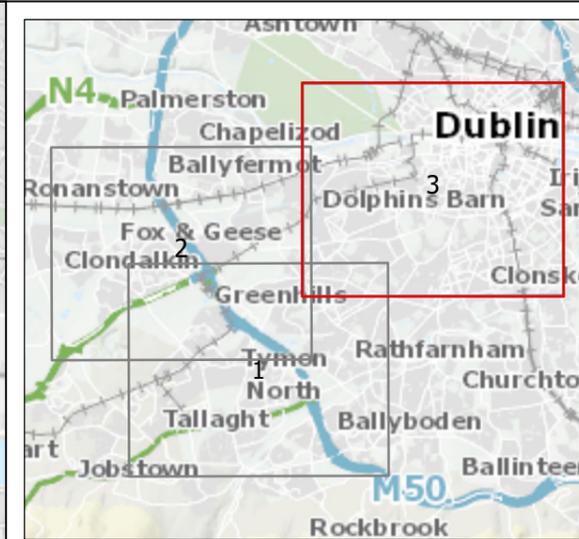
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Date 17/03/2023	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.7 Modelled Annual Mean PM <sub>10</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme- Construction Phase (2024)				
Drawing File Name BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0702	Sheet Number 2 of 3	Status A	Rev M01	



**Legend :**

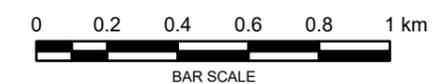
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>10</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

PM<sub>10</sub> Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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National Transport Authority

Consultant: **JACOBS ARUP SYSTRA**

Date: 17/03/2023  
Scale @ A3: 1:20 000

Project Code: BCIDE  
Originator Code: JAC

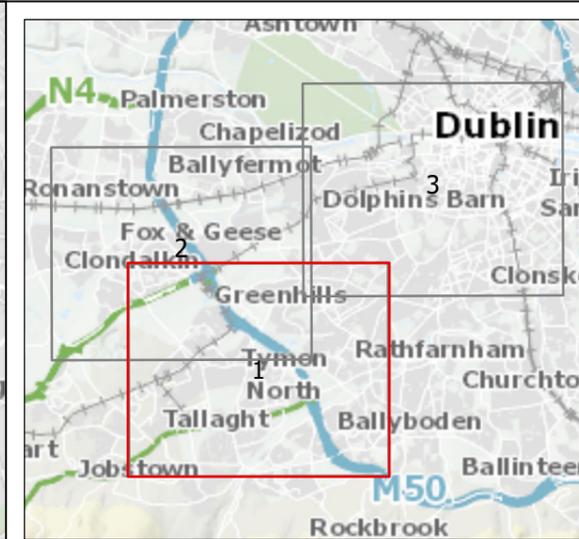
Drawn: LF  
Checked: SW  
Approved: DK

QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.7 Modelled Annual Mean PM <sub>10</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme- Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0703	Sheet Number: 3 of 3	Status: A	Rev: M01

## 7.8

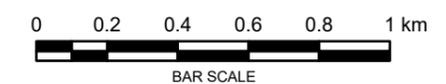
Modelled Annual Mean PM<sub>2.5</sub>  
Impacts ( $\mu\text{g}/\text{m}^3$ ) due to Tallaght /  
Clondalkin to City Centre Core Bus  
Corridor Scheme (2024)



- Legend :**
- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
  - Modelled Road Network
- Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**
- Negligible
  - Slight Adverse
  - Moderate Adverse
  - Substantial Adverse
  - Slight Beneficial
  - Moderate Beneficial
  - Substantial Beneficial

PM<sub>2.5</sub> Annual Mean Limit Value: 25 µg/m<sup>3</sup>

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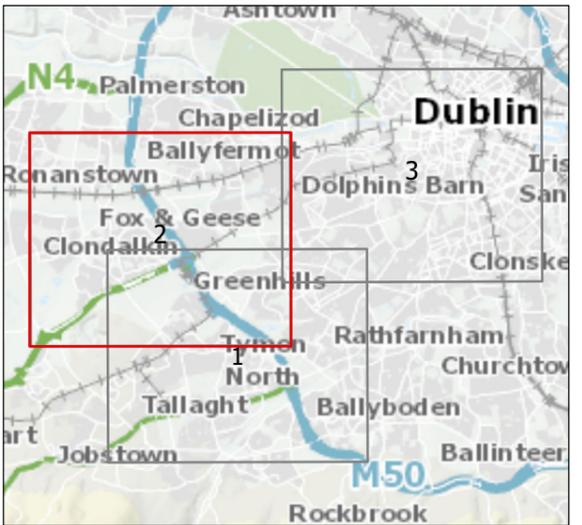
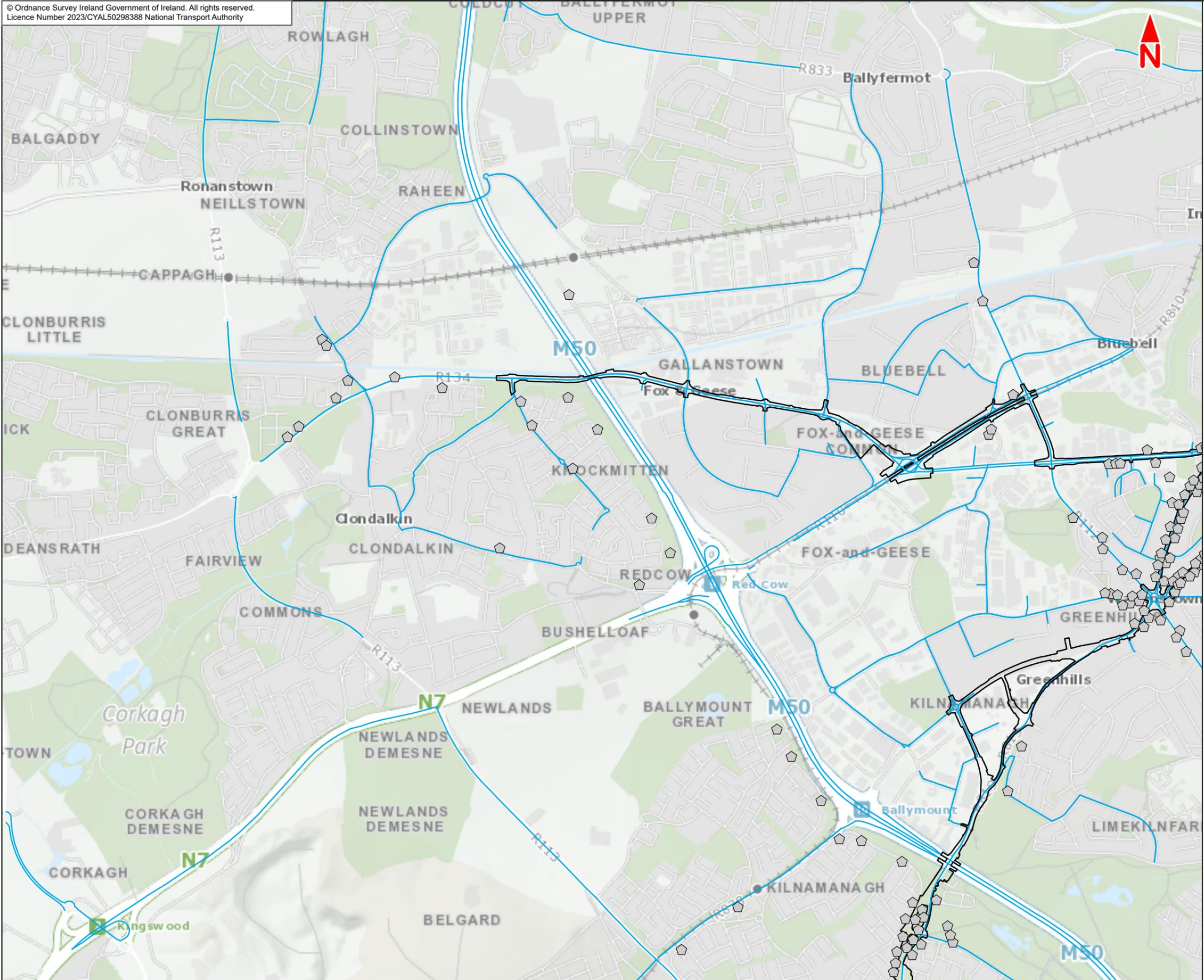
Date: 17/03/2023 | Scale @ A3: 1:20 000

Project Code: BCIDE | Originator Code: JAC

Drawn: LF | Checked: SW | Approved: DK

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.8 Modelled Annual Mean PM <sub>2.5</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0801	Sheet Number: 1 of 3	Status: A	Rev: M01



**Legend :**

- Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

PM<sub>2.5</sub> Annual Mean Limit Value: 25 µg/m<sup>3</sup>

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Consultant: **JACOBS ARUP SYSTRA**

Date: 17/03/2023 | Scale @ A3: 1:20 000

Project Code: BCIDE | Originator Code: JAC

Drawn: LF | Checked: SW | Approved: DK

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: Tallaght / Clondalkin to City Centre Core Bus Corridor Scheme Figure 7.8 Modelled Annual Mean PM <sub>2.5</sub> Impacts (µg/m <sup>3</sup> ) due to Tallaght/Clondalkin to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0809_XX_00-DR-GG-0802	Sheet Number: 2 of 3	Status: A	Rev: M01

