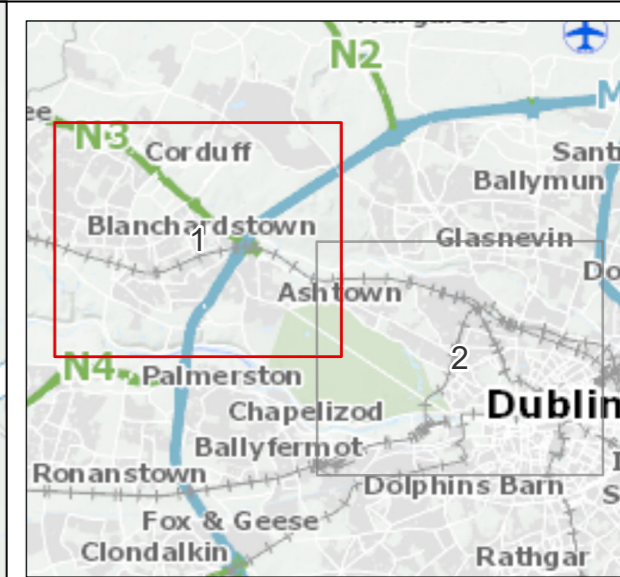
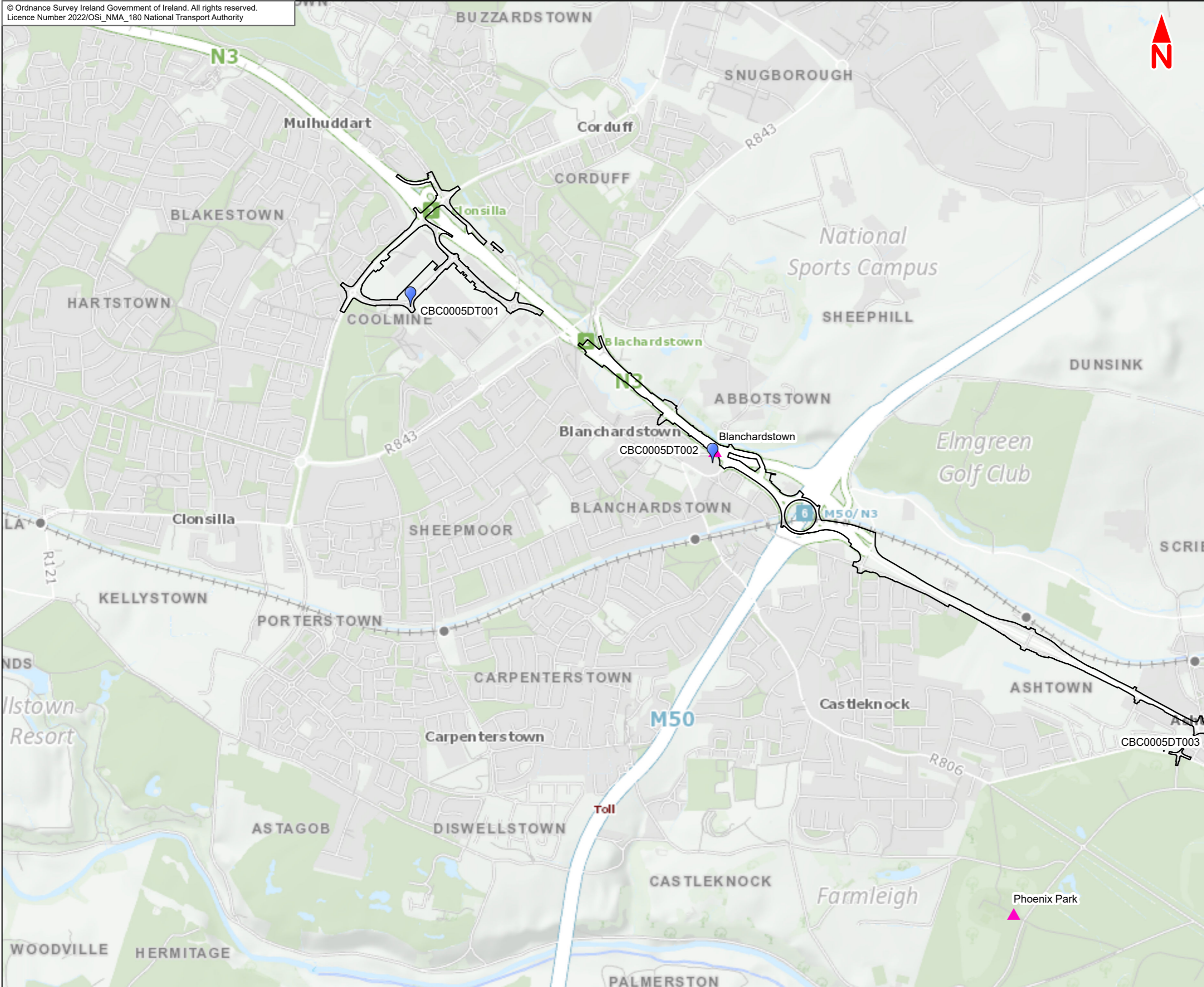





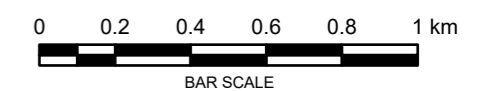
# 7.1 Monitoring Locations





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

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Date: 08/03/2022  
Scale @ A3: 1:20 000

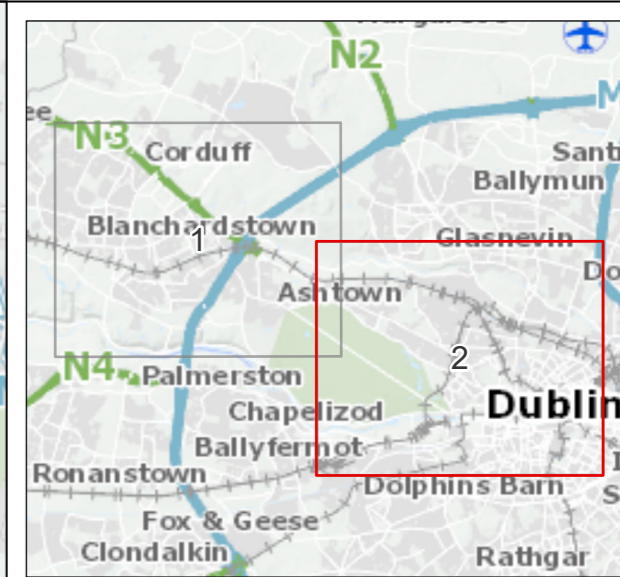
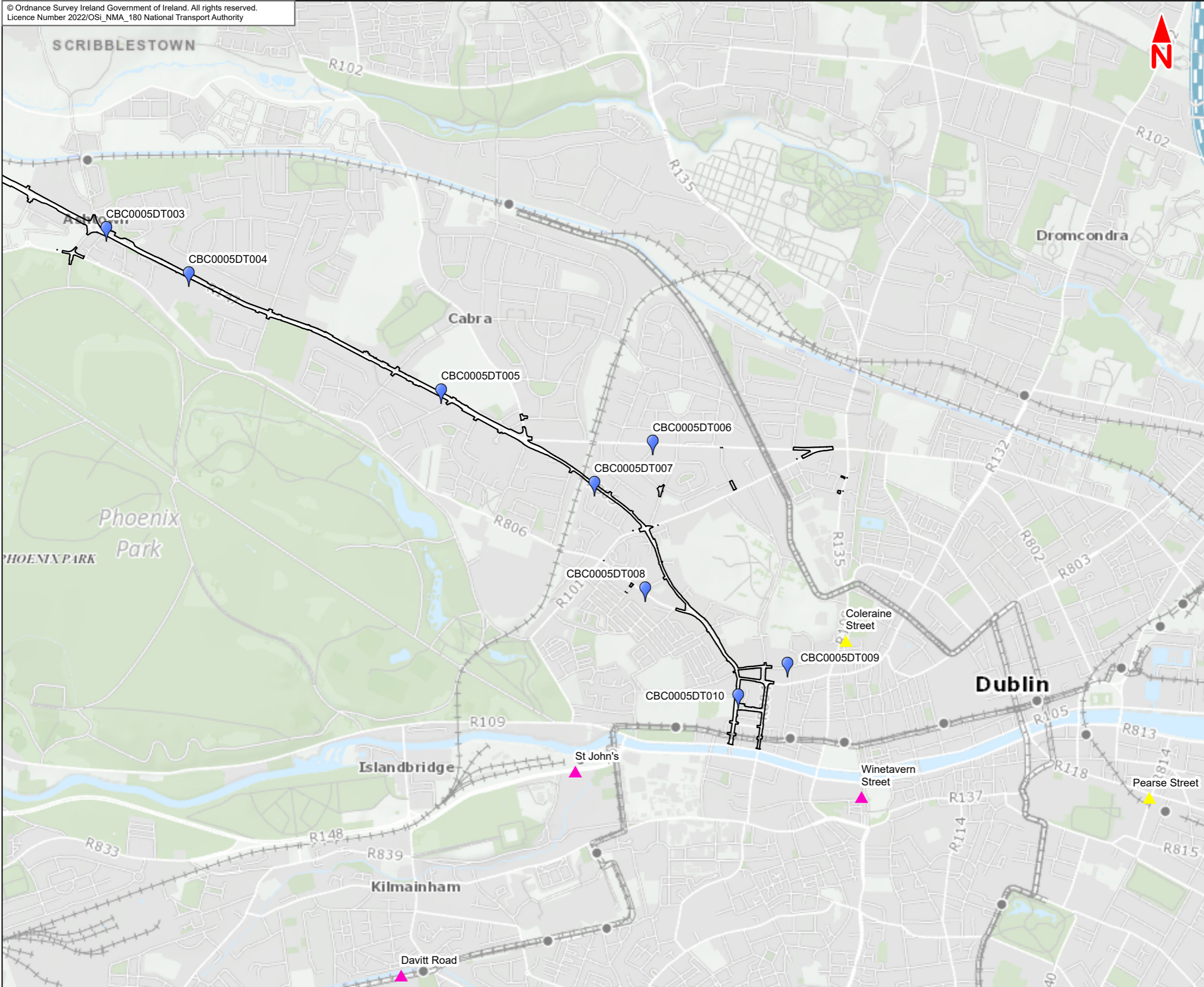
Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

Drawn: LF  
Checked: SW  
Approved: DK

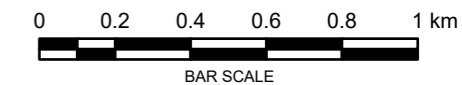
QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.1 Monitoring Locations			
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0101	Sheet Number 1 of 2	Status A	Rev M01



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

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

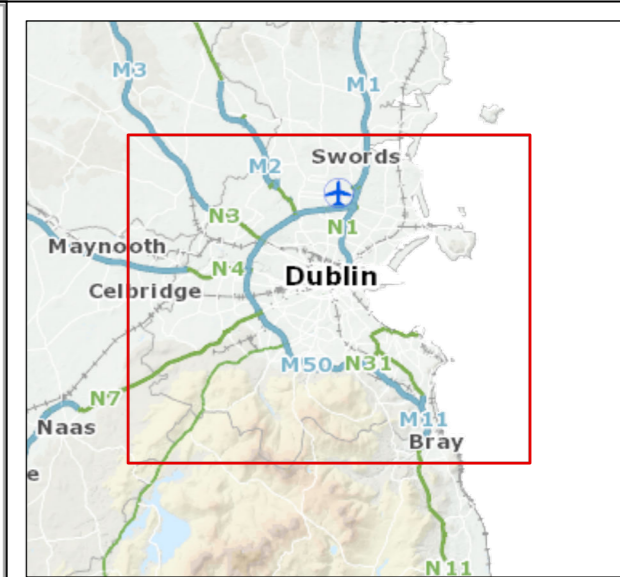
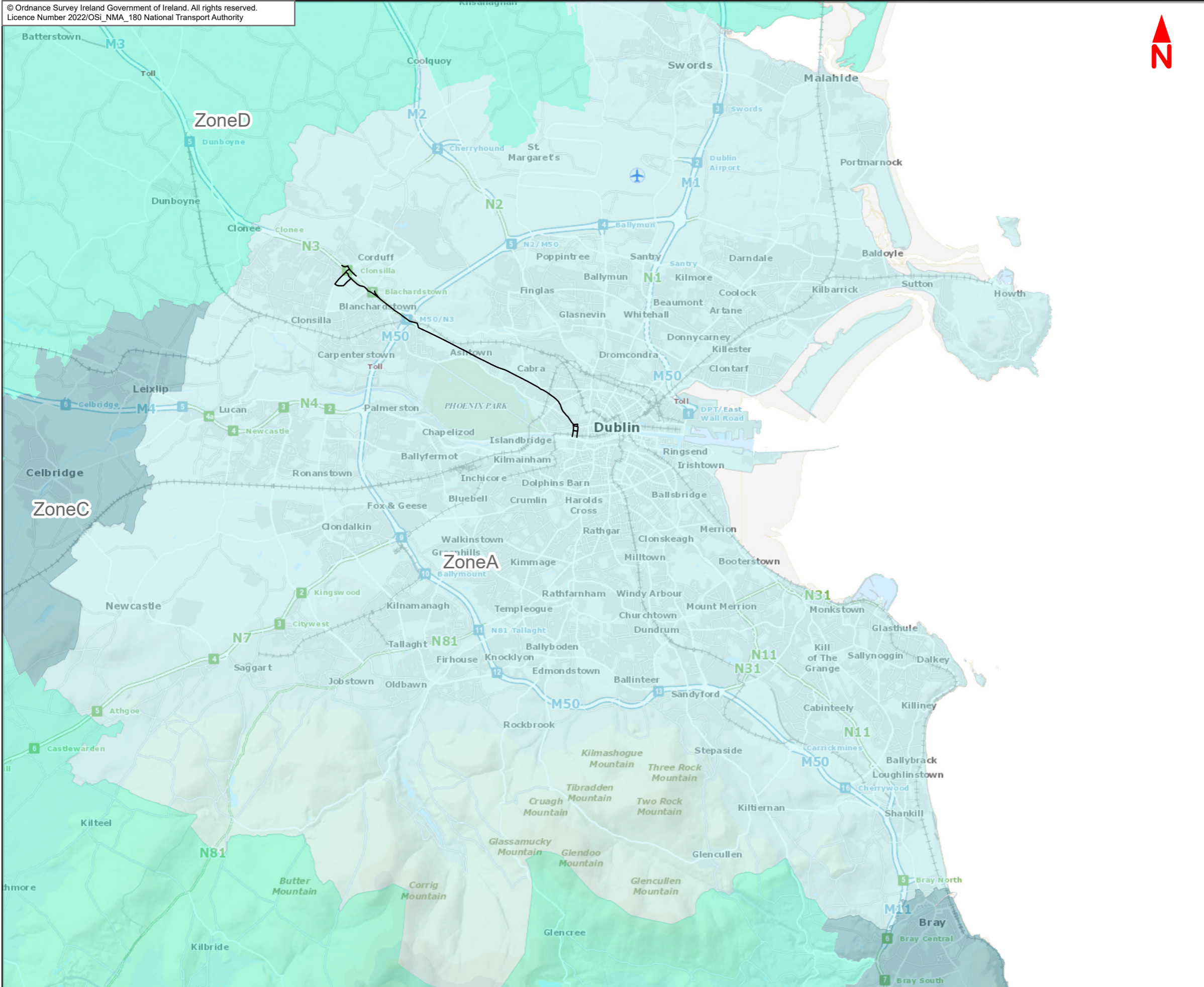
Consultant  
**JACOBS**  
**ARUP SYSTRA**

Programme Title <b>BUSCONNECTS DUBLIN</b>			
<b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Blanchardstown to City Centre Core Bus Corridor Scheme			
Figure 7.1 Monitoring Locations			
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0102	Sheet Number 2 of 2	Status A	Rev M01

Date 08/03/2022	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

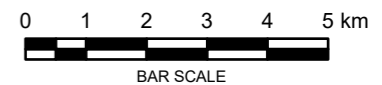
## 7.2 Air Quality Zones





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

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Date: 08/03/2022  
Scale @ A3: 1:125 000


Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS**  
**ARUP SYSTRA**

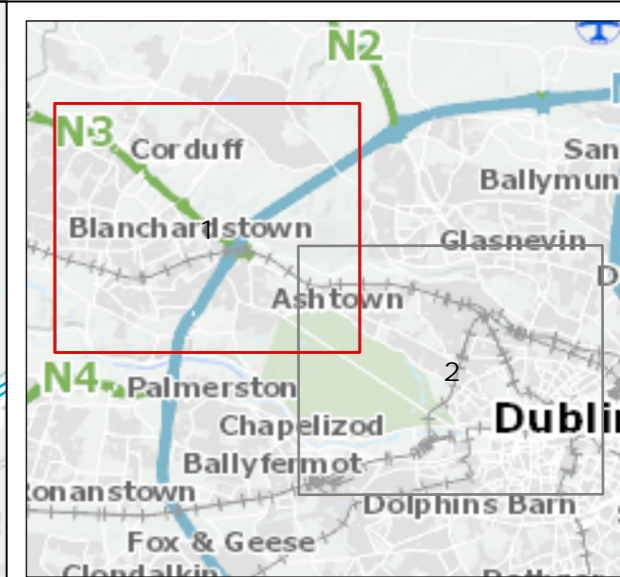
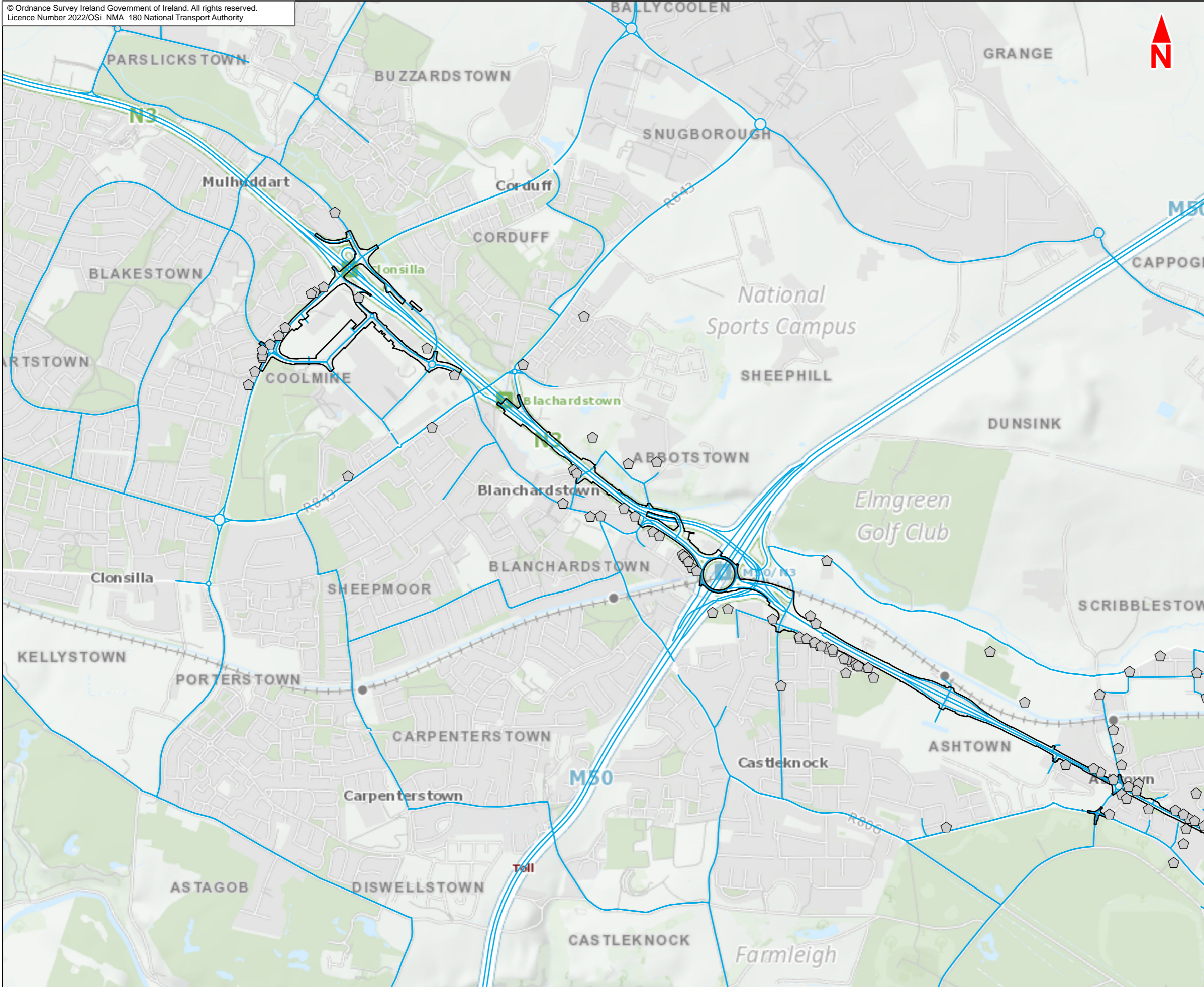
Drawn: LF  
Checked: SW  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: Blanchardstown to City Centre Core Bus Corridor Scheme			
Figure 7.2 Air Quality Zones			
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0200	Sheet Number 1 of 1	Status A	Rev M01



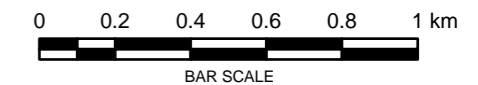
**7.3**  
Modelled Annual Mean  
NO<sub>2</sub> Impacts ( $\mu\text{g}/\text{m}^3$ ) due to  
Blanchardstown to City Centre  
Core Bus Corridor Scheme  
(2028)



**Legend :**

- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Modelled Road Network
  - Significance of the modelled change in the annual mean NO concentration due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)**
  - Negligible
  - Slight Adverse
  - Moderate Adverse
  - Substantial Adverse
  - Slight Beneficial
  - Moderate Beneficial
  - Substantial Beneficial
- NO Annual Mean Limit Value: 40 µg/m³

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSi Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.

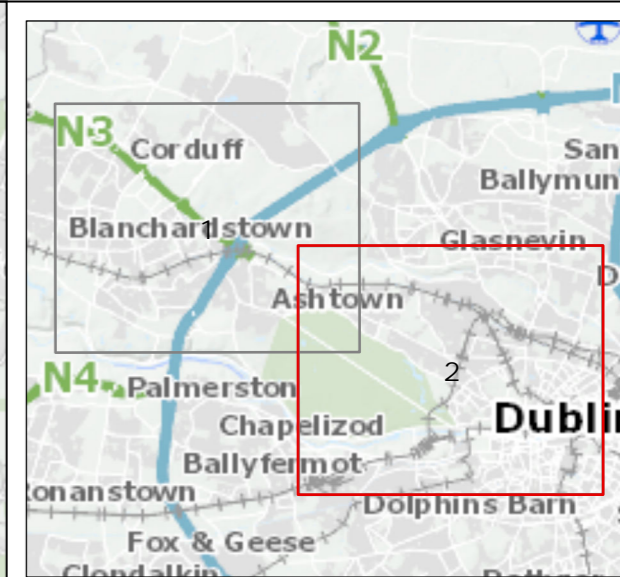
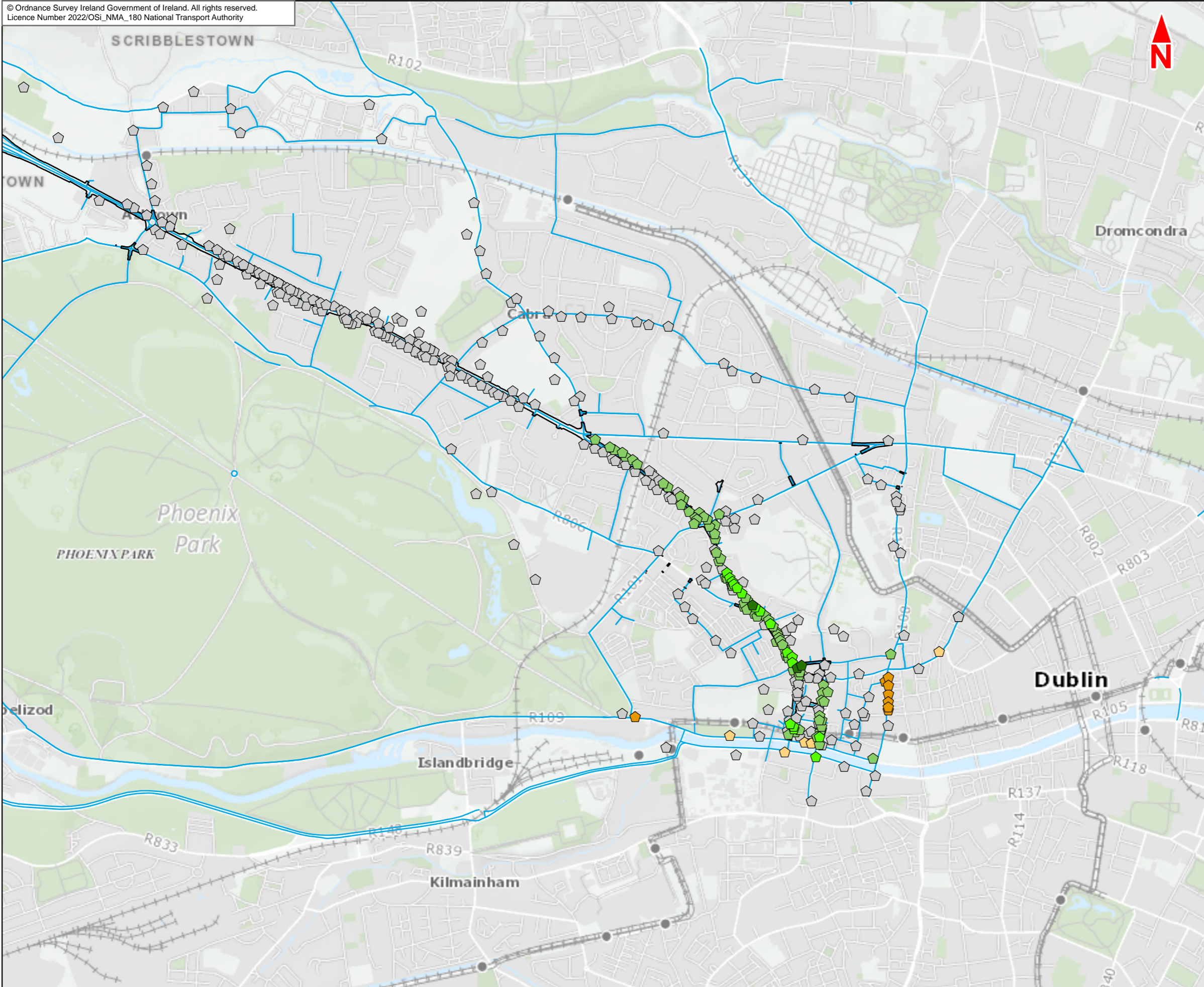


Rev	Date	Drn	Chk'd	App'd	Description
M01	Mar 2022	LF	SW	DK	ISSUE FOR PHASE 4 : PLANNING

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

Consultant  
**JACOBS**  
**ARUP SYSTRA**

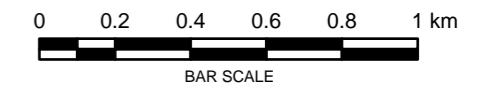
Date	09/03/2022	Scale @ A3	1:20 000	Drawn	LF	Checked	SW	Approved	DK
Project Code	BCIDE	Originator Code	JAC	QMS Code					
Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>								
Drawing Title	Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.3 Modelled Annual Mean NO Impacts (µg/m³) due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)								
Drawing File Name	BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0301	Sheet Number	1 of 2	Status	A	Rev	M01		



**Legend :**

- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Modelled Road Network
  - Significance of the modelled change in the annual mean NO concentration due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)**
  - Negligible
  - Slight Adverse
  - Moderate Adverse
  - Substantial Adverse
  - Slight Beneficial
  - Moderate Beneficial
  - Substantial Beneficial
- NO Annual Mean Limit Value: 40 µg/m<sup>3</sup>

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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


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

Consultant  
**JACOBS**  
**ARUP SYSTRA**

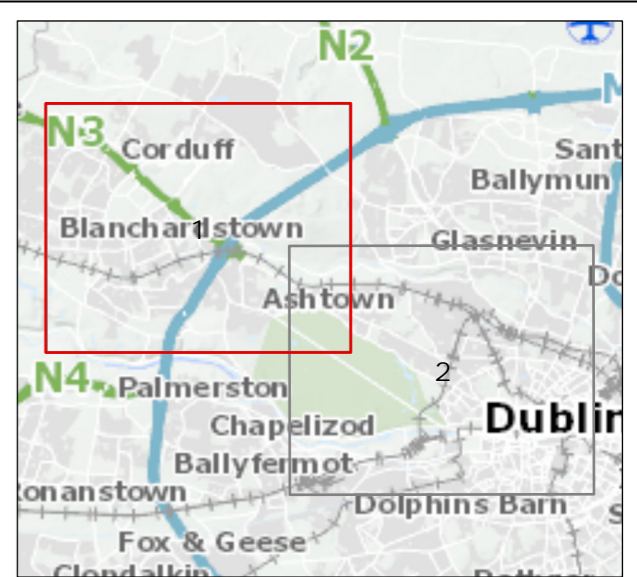
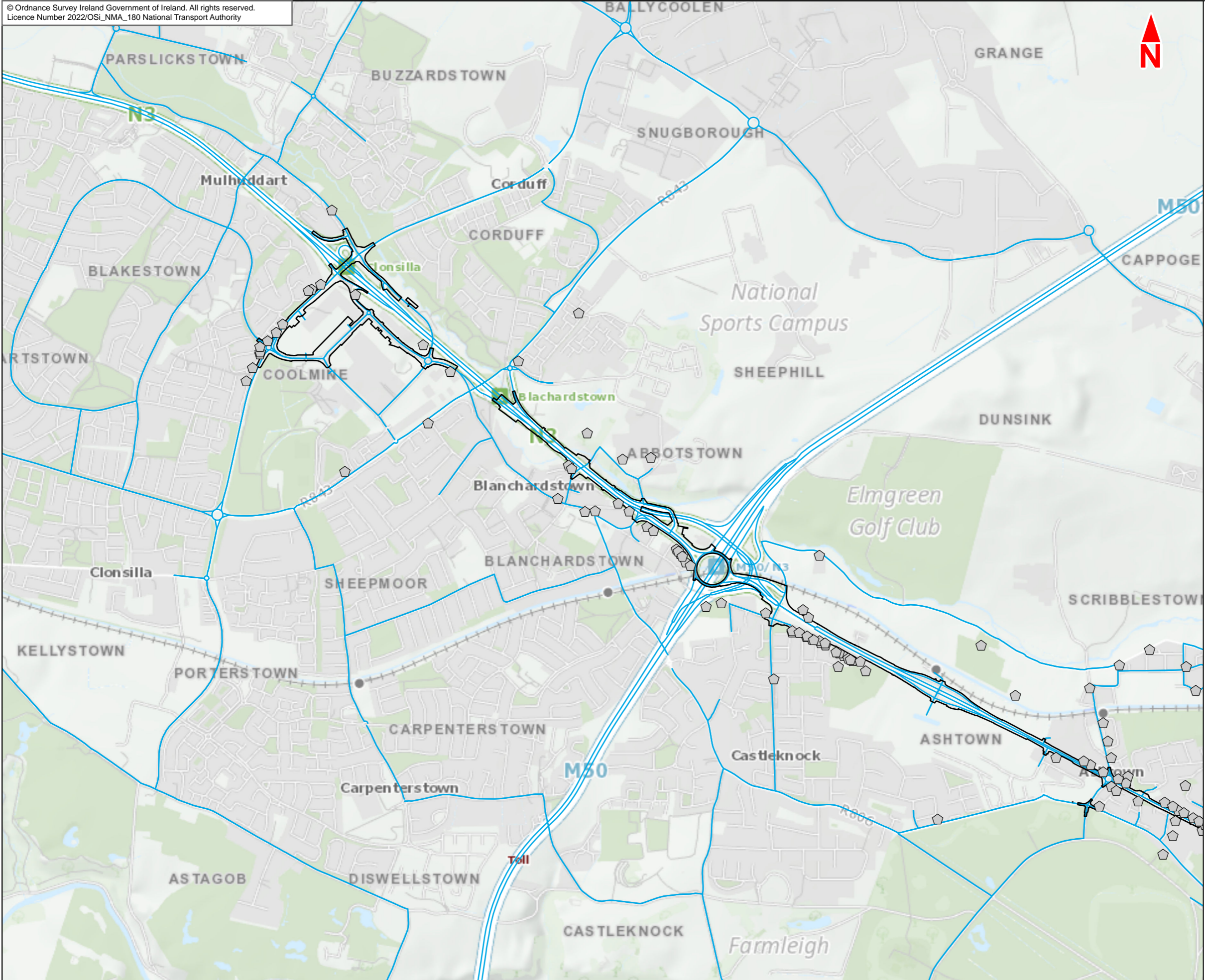
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.3 Modelled Annual Mean NO Impacts (µg/m <sup>3</sup> ) due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)				
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0302	Sheet Number 2 of 2	Status A	Rev M01	

Date 09/03/2022	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		





**7.4**  
Modelled Annual Mean  
PM<sub>10</sub> Impacts ( $\mu\text{g}/\text{m}^3$ ) due to  
Blanchardstown to City Centre  
Core Bus Corridor Scheme  
(2028)



**Legend :**

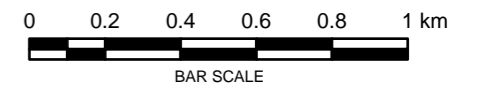
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM1 concentration due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)**

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

PM Annual Mean Limit Value: 40 µg/m³

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing may not be reproduced, copied or otherwise used in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Date: 09/03/2022  
Scale @ A3: 1:20 000

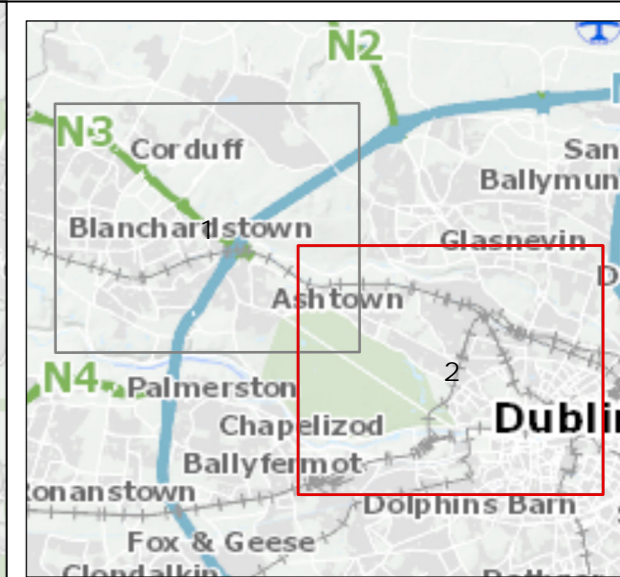
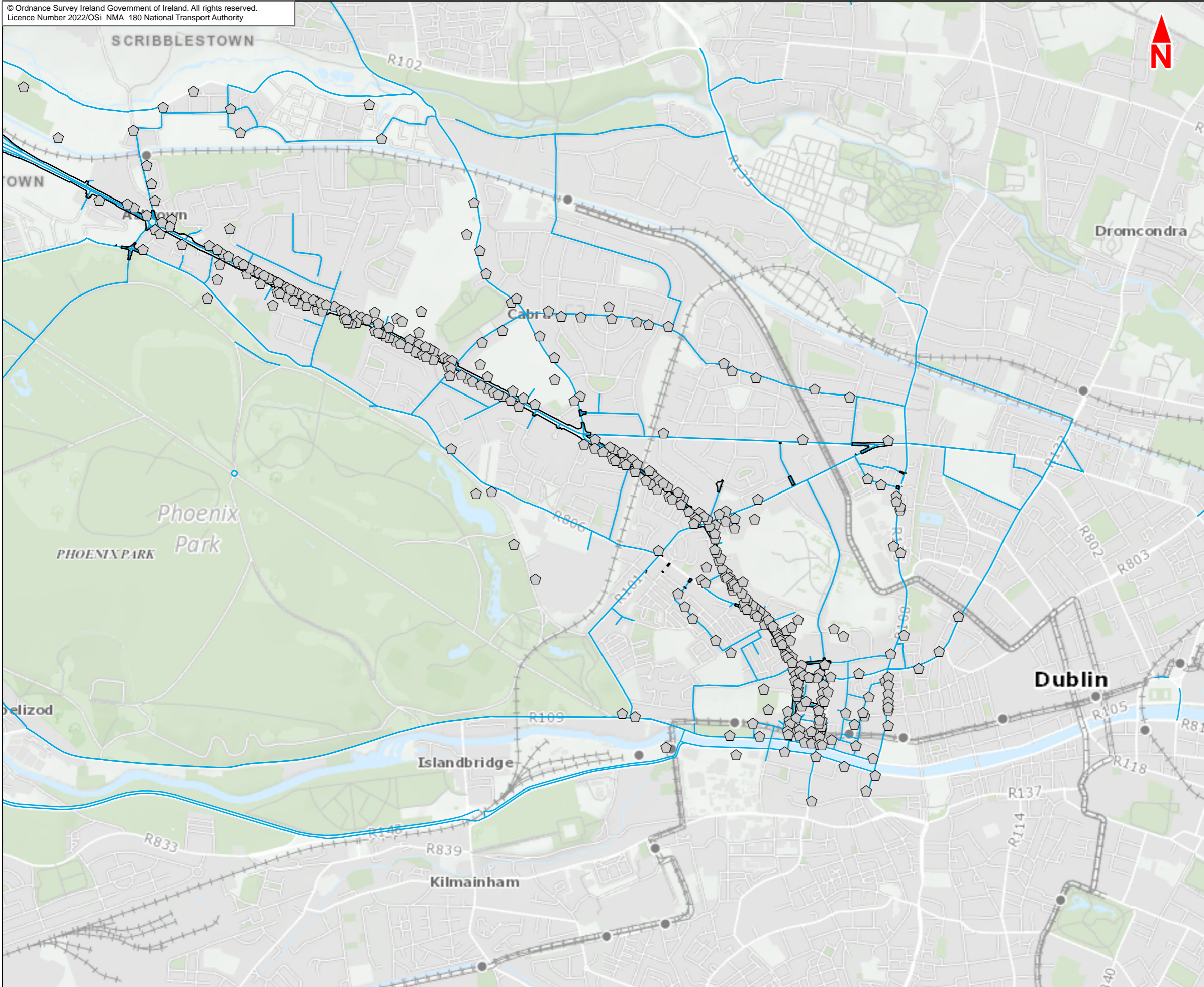
Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

Drawn: LF  
Checked: SW  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.4 Modelled Annual Mean PM Impacts (µg/m³) due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0401	Sheet Number 1 of 2	Status A	Rev M01



**Legend :**

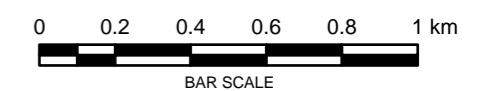
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM1 concentration due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)**

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

PM Annual Mean Limit Value: 40 µg/m³

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Consultant  
**JACOBS ARUP SYSTRA**

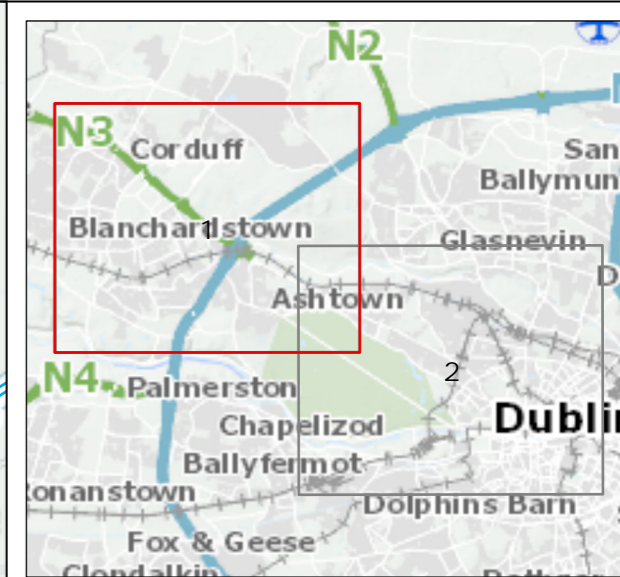
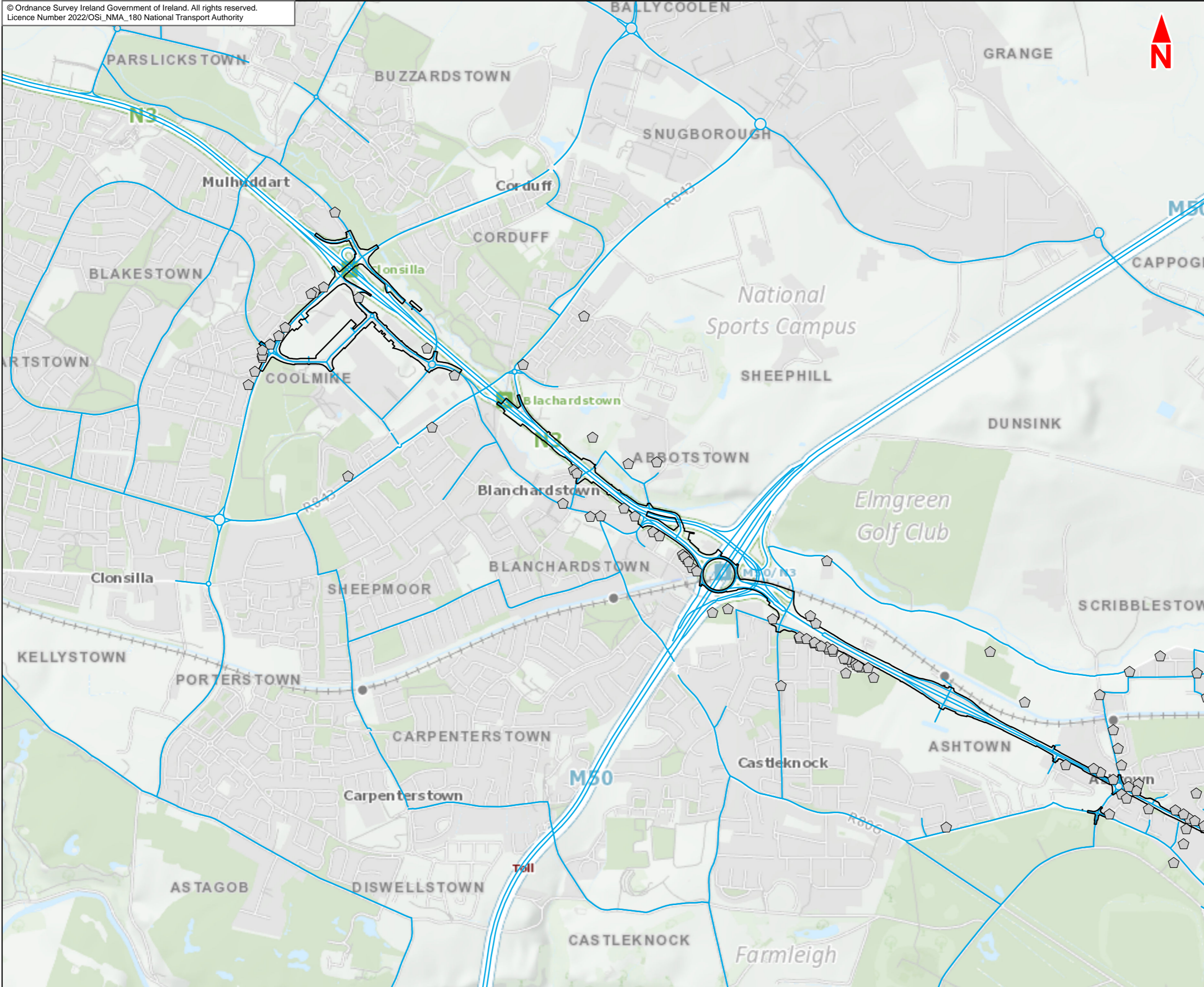
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.4 Modelled Annual Mean PM Impacts (µg/m³) due to Blanchardstown to City Centre Core Bus Corridor Scheme (2028)				
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0402	Sheet Number 2 of 2	Status A	Rev M01	

Date 09/03/2022	Scale @ A3 1:20 000	Drawn LF	Checked SW	Approved DK
Project Code BCIDE	Originator Code JAC	QMS Code		

## 7.5

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





**Legend :**

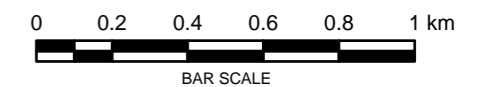
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Blanchardstown 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>

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

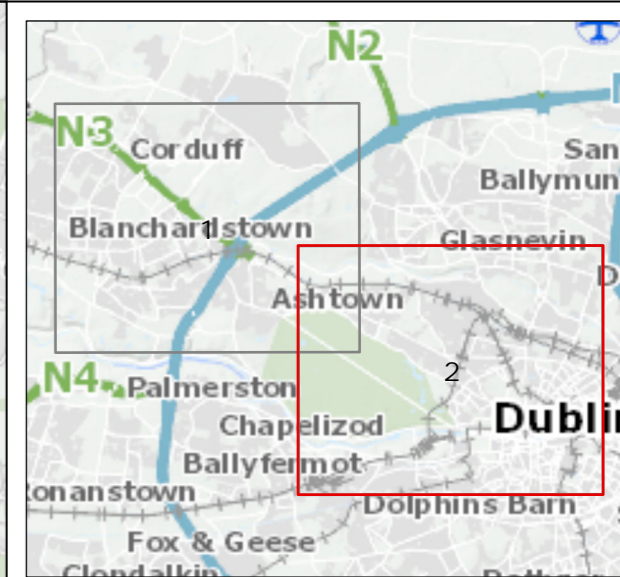
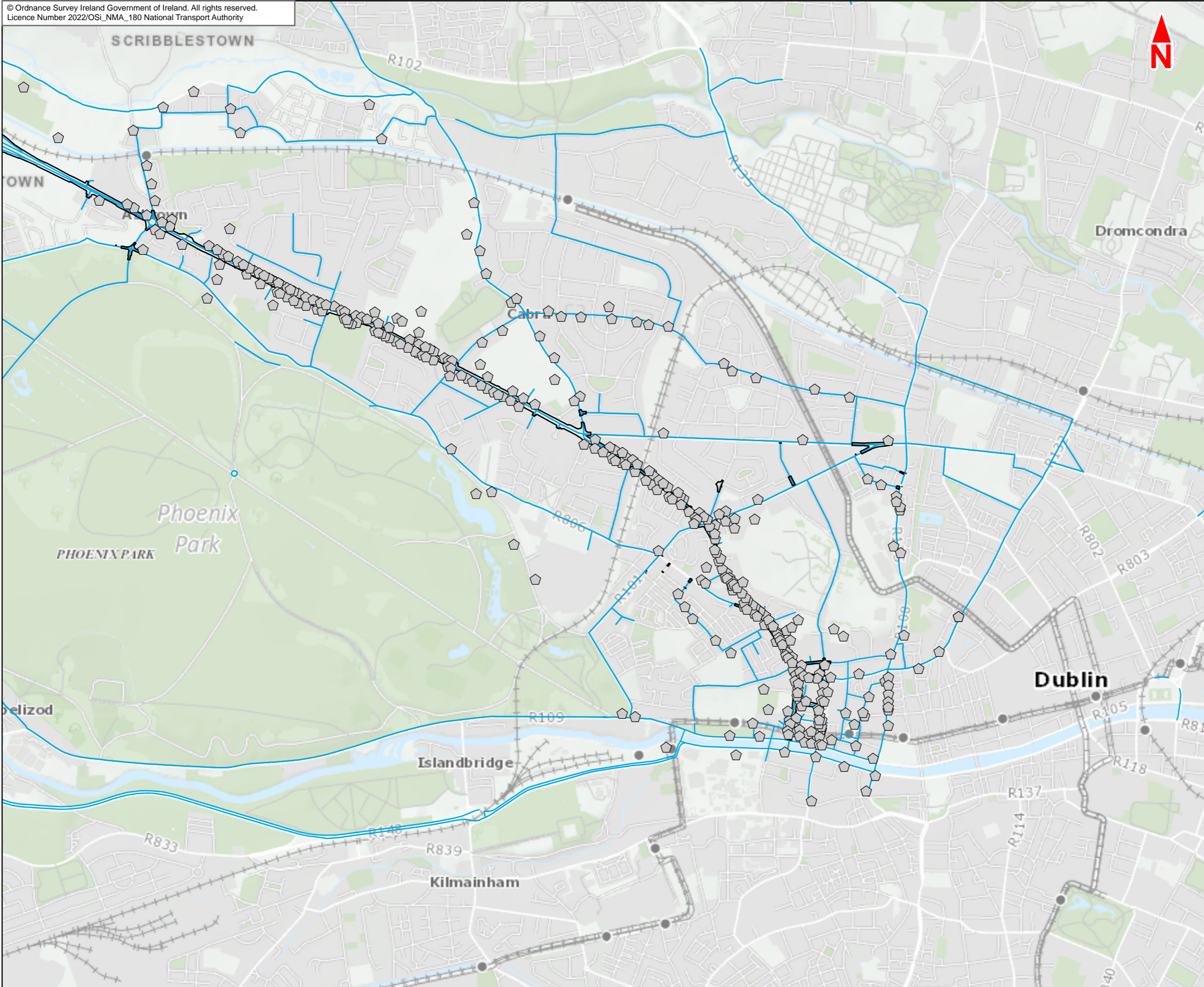
e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS</b> <b>ARUP SYSTRA</b>		
Date 09/03/2022	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 Blanchardstown 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 Blanchardstown to City Centre Core Bus Corridor Scheme (2028)				
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0501	Sheet Number 1 of 2	Status A	Rev M01	



**Legend :**

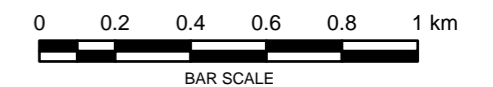
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Blanchardstown 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>

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Date: 09/03/2022  
Scale @ A3: 1:20 000  
Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

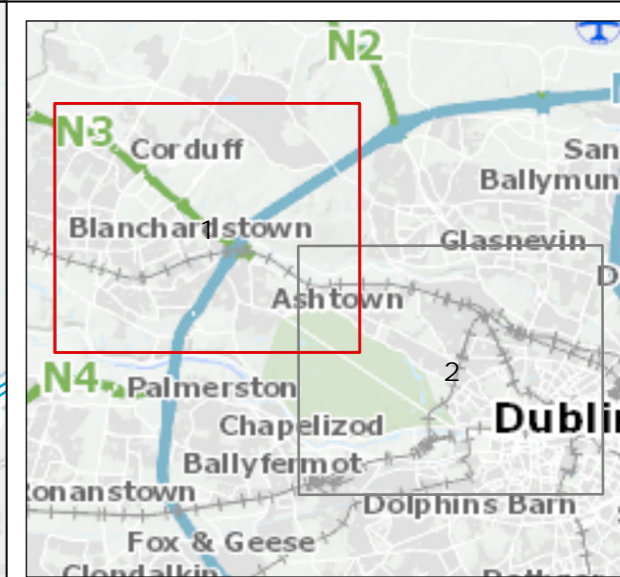
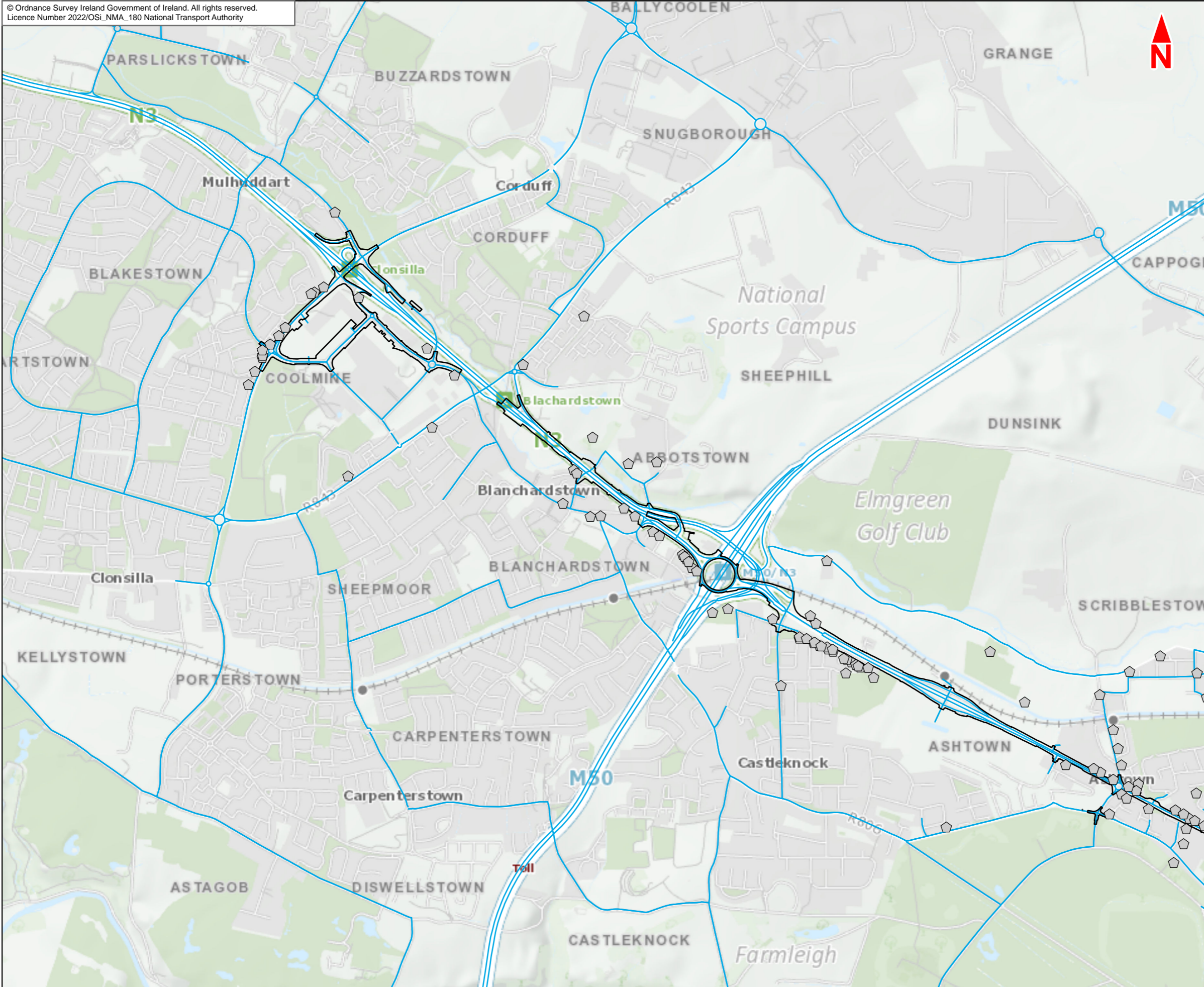
Drawn: LF  
Checked: SW  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Blanchardstown 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 Blanchardstown to City Centre Core Bus Corridor Scheme (2028)			
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0502	Sheet Number 2 of 2	Status A	Rev M01

## 7.6

Modelled Annual Mean  
NO<sub>2</sub> Impacts ( $\mu\text{g}/\text{m}^3$ ) due to  
Blanchardstown to City Centre  
Core Bus Corridor Scheme  
Construction Phase (2024)



**Legend :**

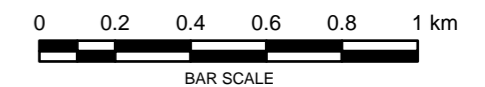
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean NO concentration due to Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

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

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.

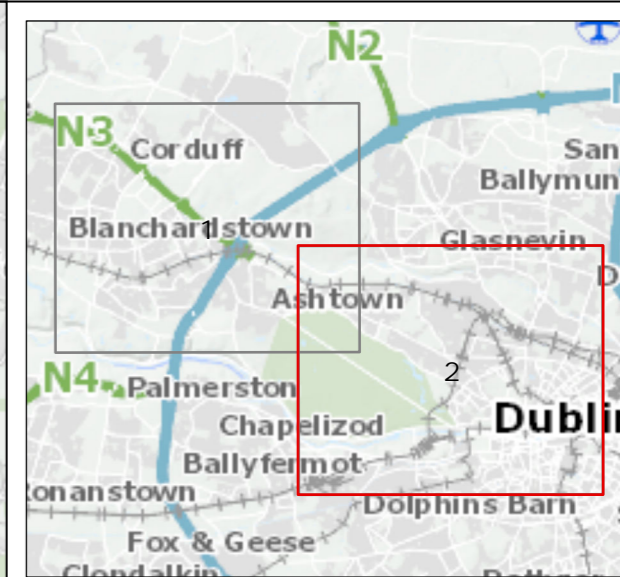
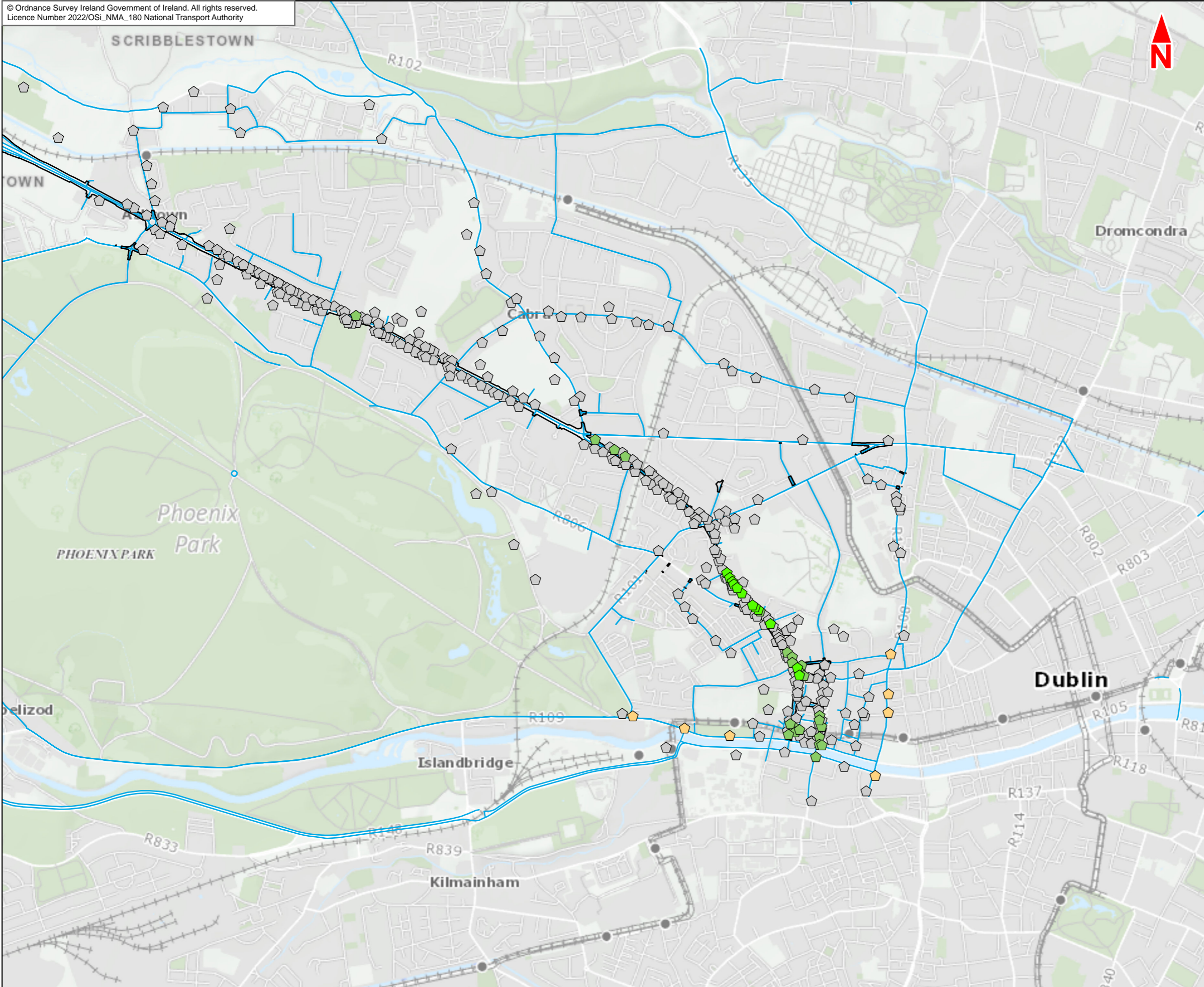


Rev	Date	Drn	Chk'd	App'd	Description
M01	Mar 2022	LF	SW	DK	ISSUE FOR PHASE 4 : PLANNING

Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Consultant <b>JACOBS ARUP SYSTRA</b>		
Date 09/03/2022	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 Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.6 Modelled Annual Mean NO Impacts (µg/m <sup>3</sup> ) due to Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)				
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0601	Sheet Number 1 of 2	Status A	Rev M01	





**Legend :**

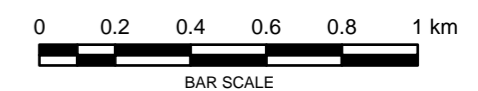
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean NO concentration due to Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

NO Annual Mean Limit Value: 40 µg/m³

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.


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

Client

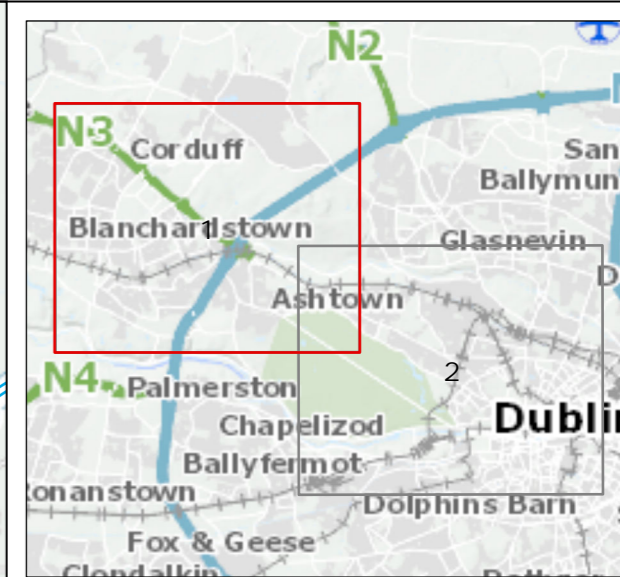
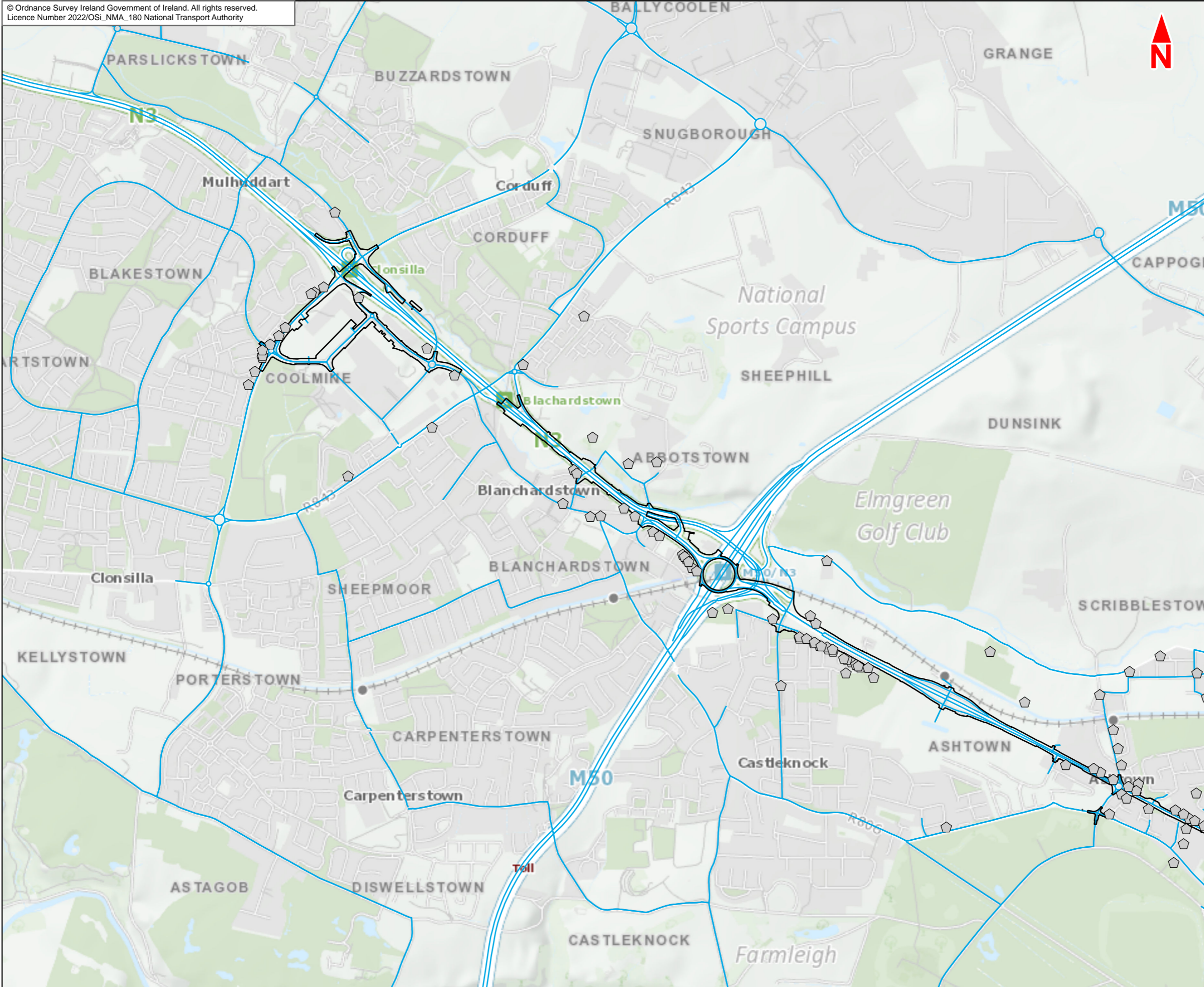
Consultant

Programme Title				
<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.6				
Modelled Annual Mean NO Impacts (µg/m³) due to Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)				
Drawing File Name	Sheet Number	Status	Rev	
BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0602	2 of 2	A	M01	

Date	Scale @ A3	Drawn	Checked	Approved
09/03/2022	1:20 000	LF	SW	DK
Project Code	Originator Code	QMS Code		
BCIDE	JAC			



**7.7**  
Modelled Annual Mean  
PM<sub>10</sub> Impacts (µg/m<sup>3</sup>) due to  
Blanchardstown to City Centre  
Core Bus Corridor Scheme  
Construction Phase (2024)



**Legend :**

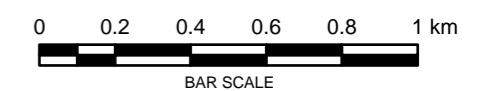
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

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

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

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

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Consultant: **JACOBS ARUP SYSTRA**

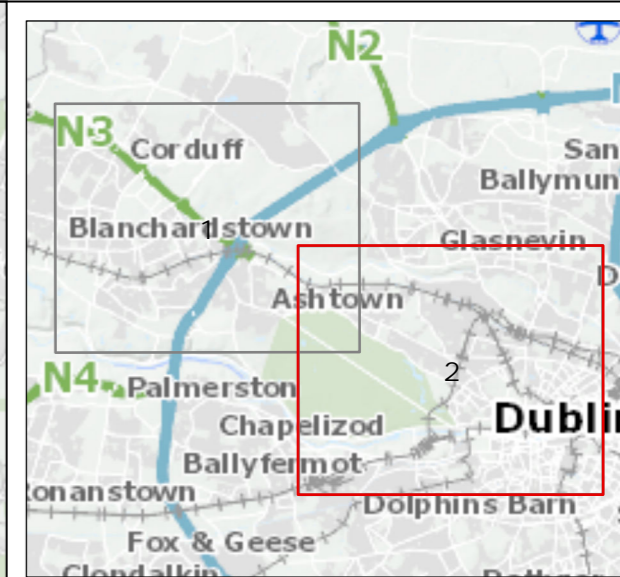
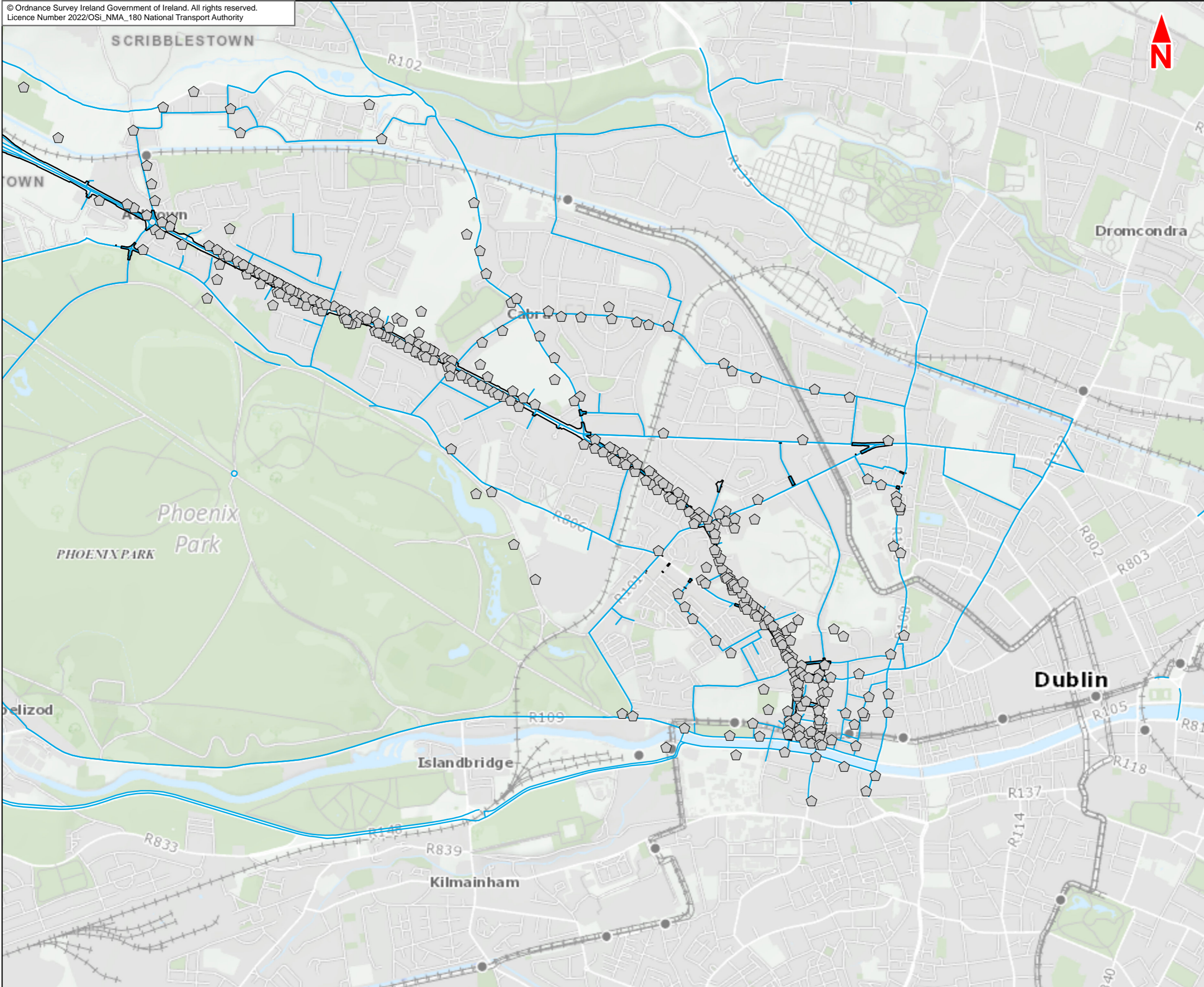
Date: 09/03/2022 | Scale @ A3: 1:20 000

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: Blanchardstown to City Centre Core Bus Corridor Scheme			
Figure 7.7			
Modelled Annual Mean PM Impacts (µg/m <sup>3</sup> ) due to Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0701	Sheet Number: 1 of 2	Status: S3	Rev: M01



**Legend :**

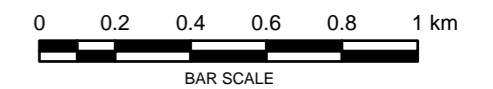
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modeled change in the annual mean PM concentration due to Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)**

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

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

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Date: 09/03/2022  
Scale @ A3: 1:20 000


Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

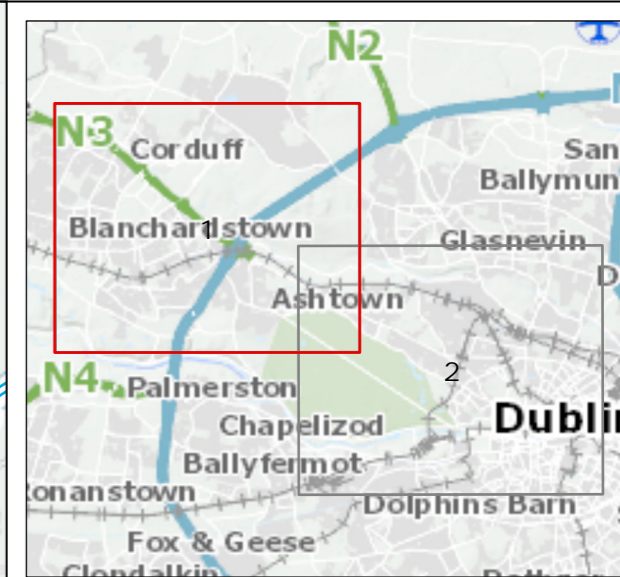
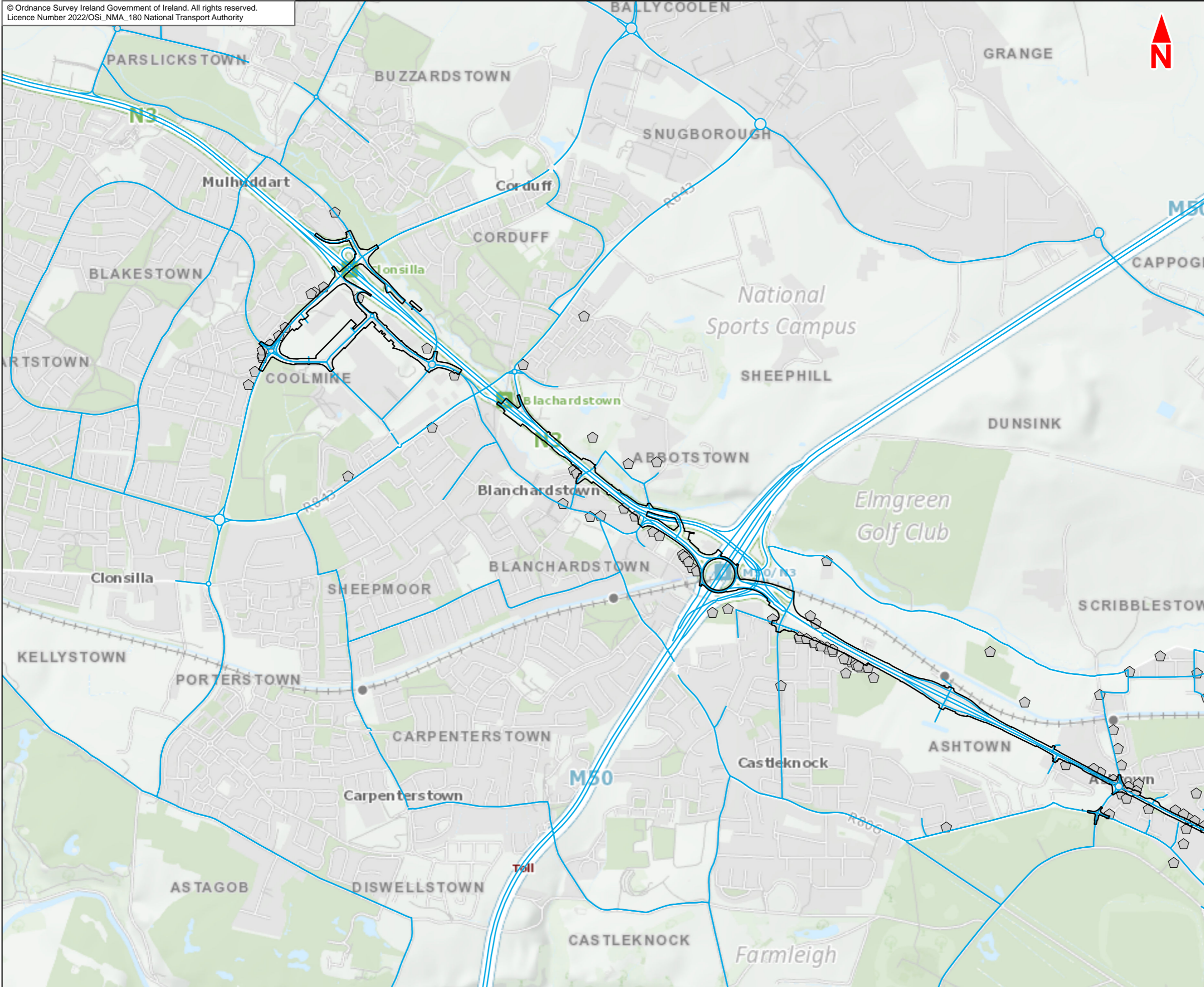
Drawn: LF  
Checked: SW  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Blanchardstown to City Centre Core Bus Corridor Scheme Figure 7.7 Modelled Annual Mean PM Impacts (µg/m <sup>3</sup> ) due to Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0702	Sheet Number 2 of 2	Status S3	Rev M01



**7.8**  
Modelled Annual Mean  
PM<sub>2.5</sub> Impacts ( $\mu\text{g}/\text{m}^3$ ) due to  
Blanchardstown to City Centre  
Core Bus Corridor Scheme  
Construction Phase (2024)



**Legend :**

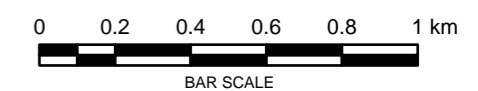
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Blanchardstown 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>

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSi Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Consultant: **JACOBS ARUP SYSTRA**

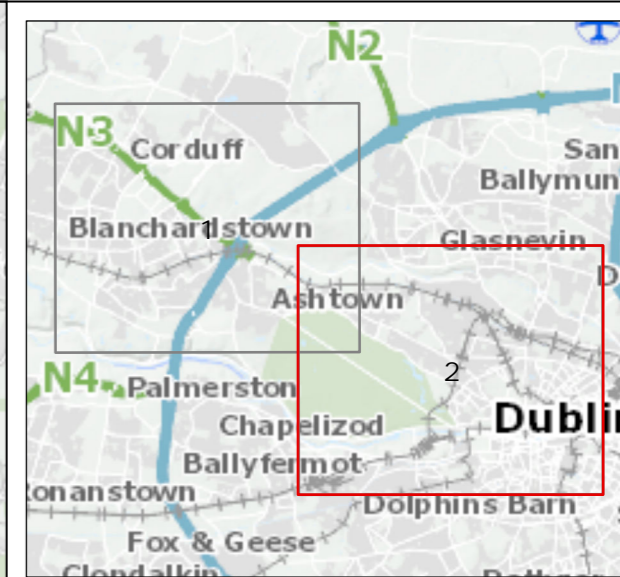
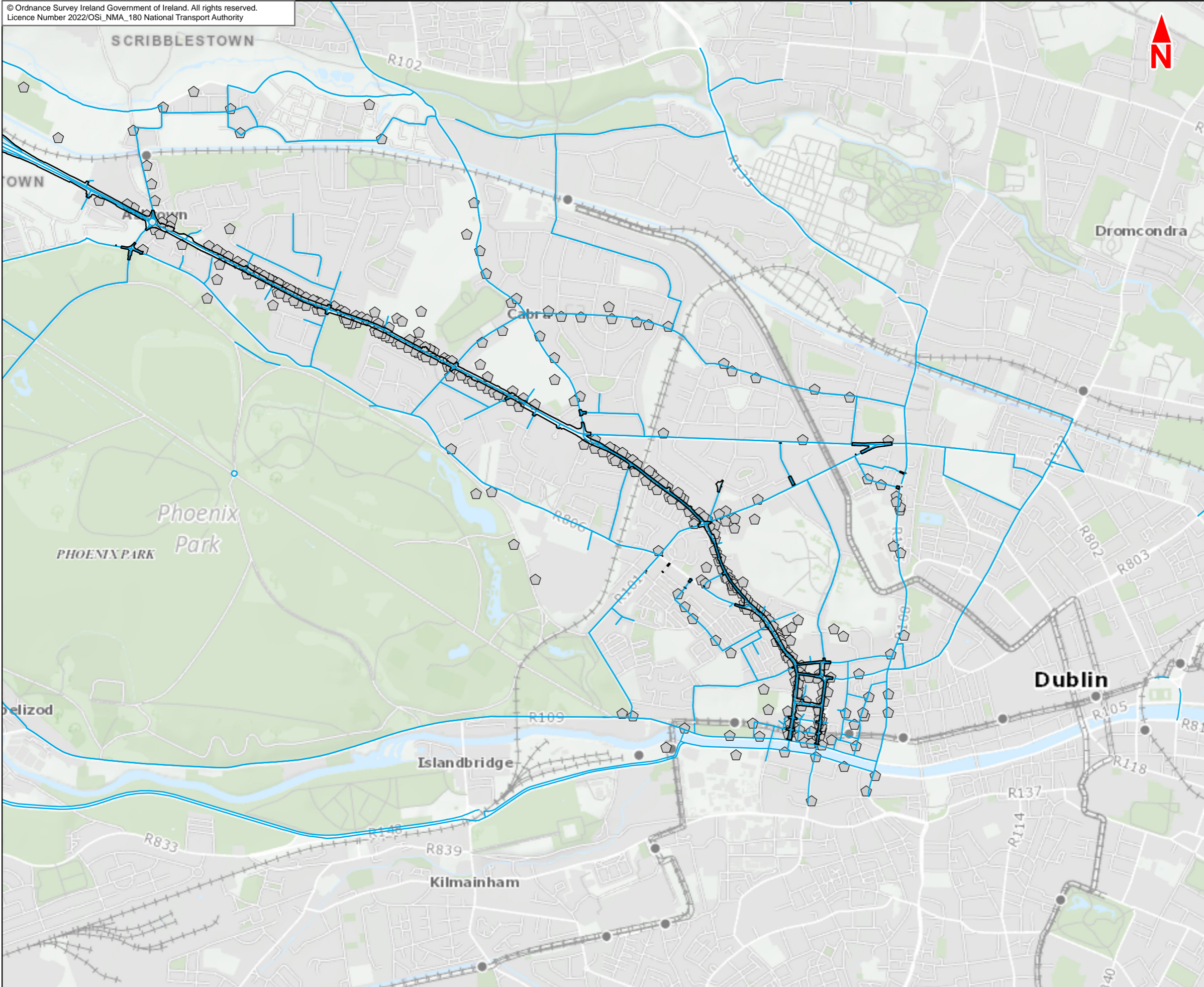
Date: 09/03/2022 | Scale @ A3: 1:20 000

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: Blanchardstown 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 Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name: BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0801	Sheet Number: 1 of 2	Status: A	Rev: M01



**Legend :**

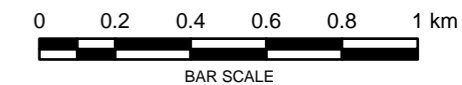
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Modelled Road Network

**Significance of the modelled change in the annual mean PM<sub>2.5</sub> concentration due to Blanchardstown 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>

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 under a Creative Commons Attribution 4.0 International (CCBY4.0) licence



**Disclaimer**  
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSi Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSi active local GPS station.  
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it. Any liabilities are hereby expressly disclaimed.



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

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

Date: 09/03/2022  
Scale @ A3: 1:20 000

Project Code: BCIDE  
Originator Code: JAC

Consultant  
**JACOBS ARUP SYSTRA**

Drawn: LF  
Checked: SW  
Approved: DK

QMS Code

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title Blanchardstown 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 Blanchardstown to City Centre Core Bus Corridor Scheme - Construction Phase (2024)			
Drawing File Name BCIDE-JAC-ENV_AQ-0005_XX_00-DR-GG-0802	Sheet Number 2 of 2	Status A	Rev M01