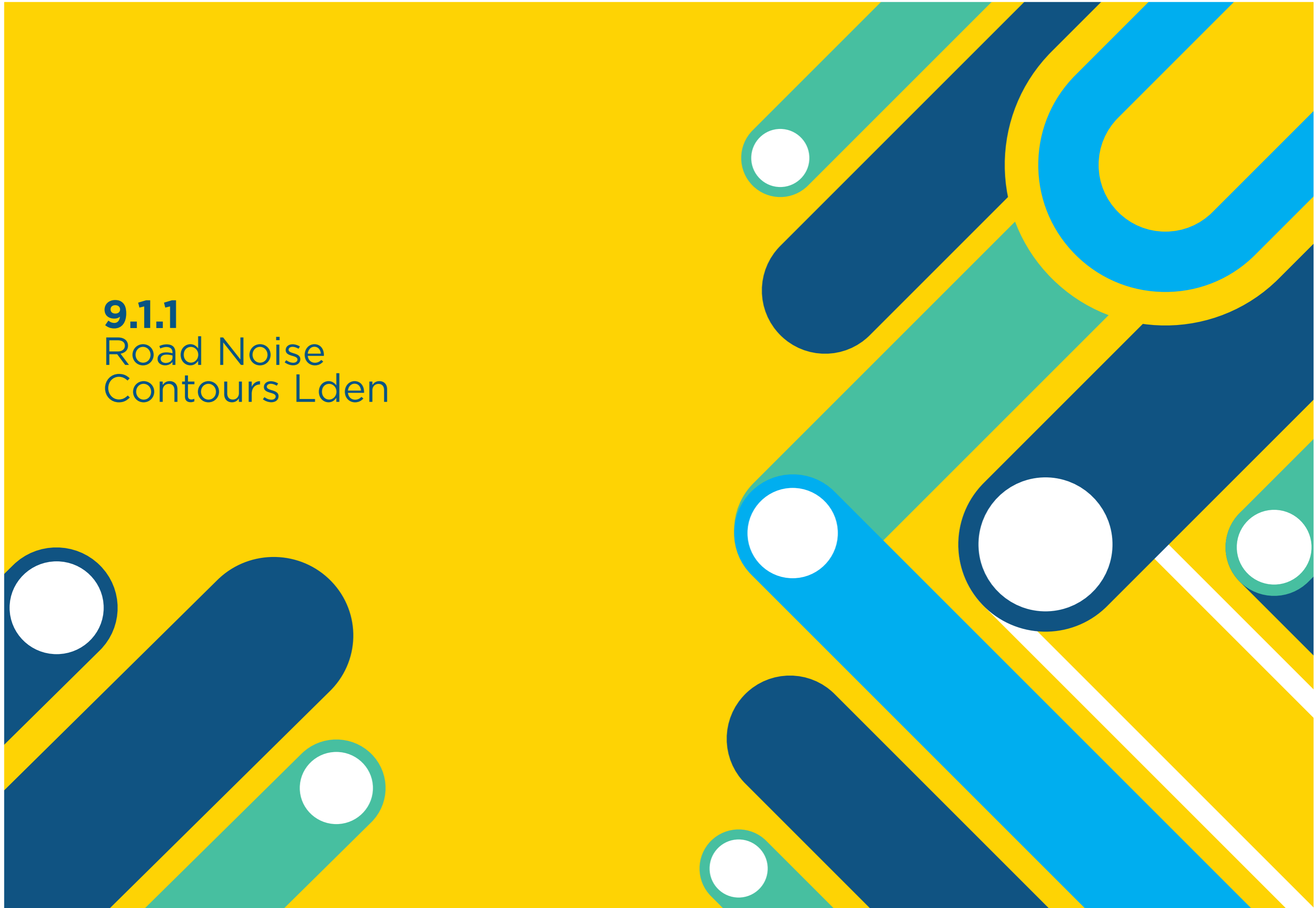
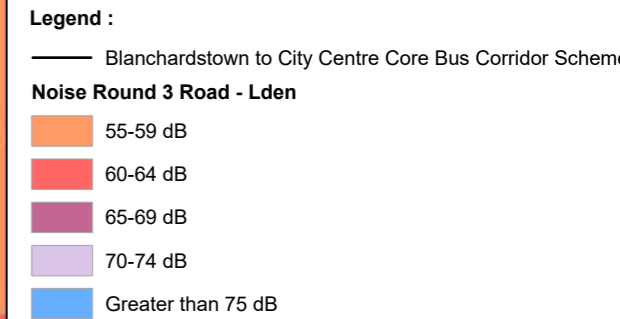
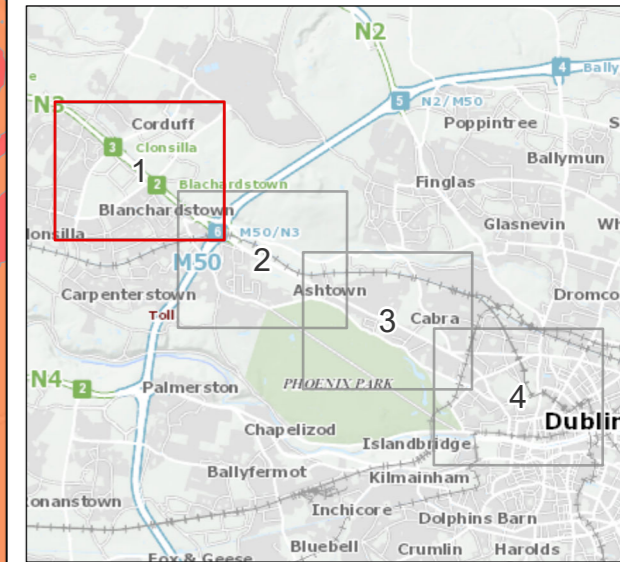
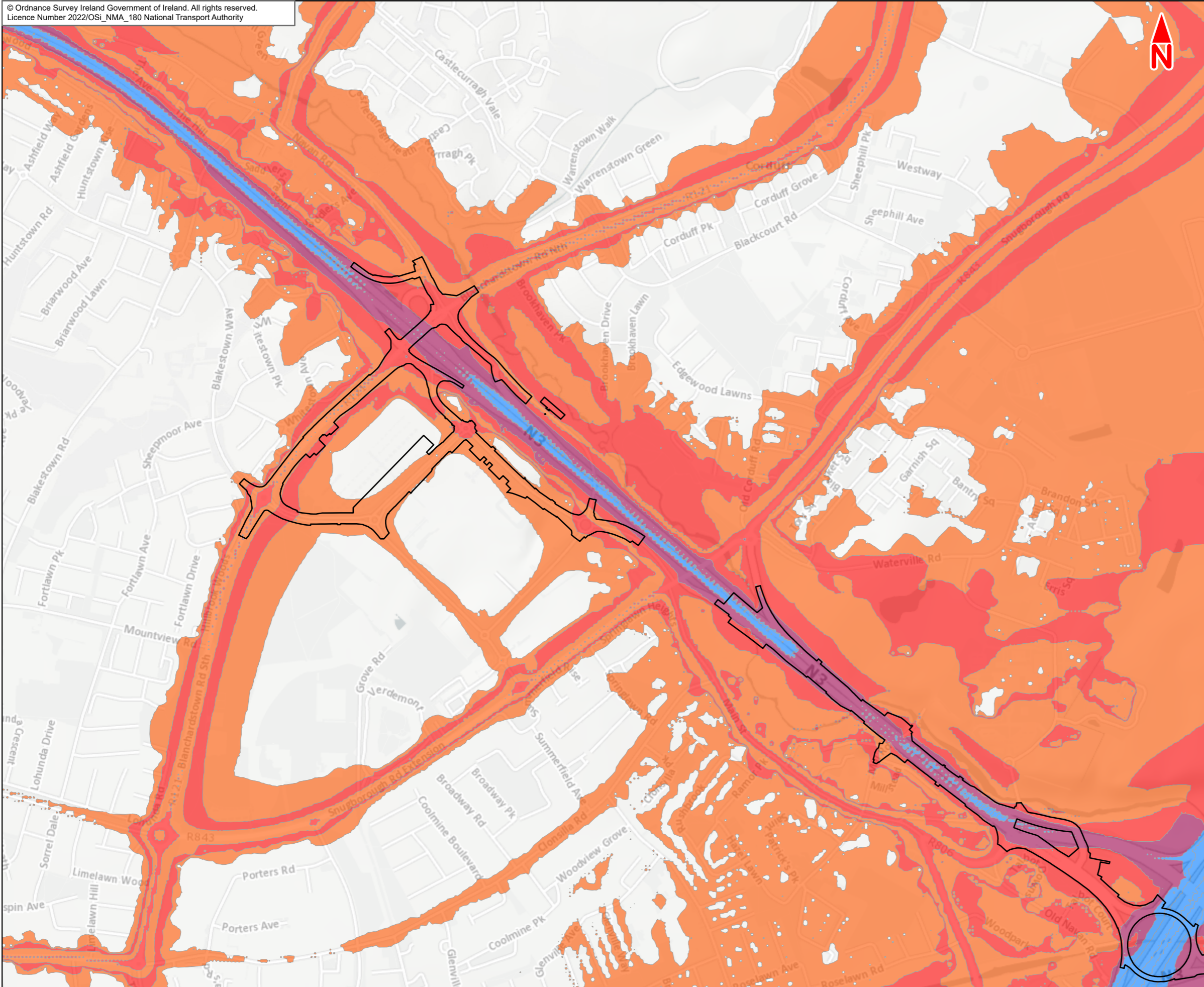


**9.1.1**  
Road Noise  
Contours Lden





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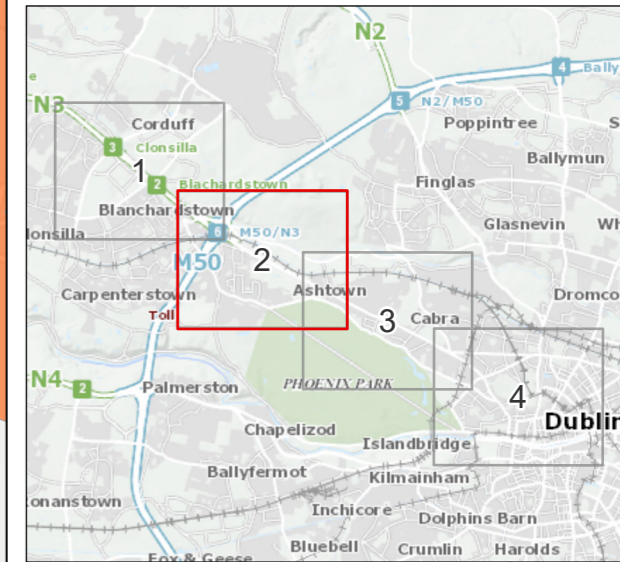
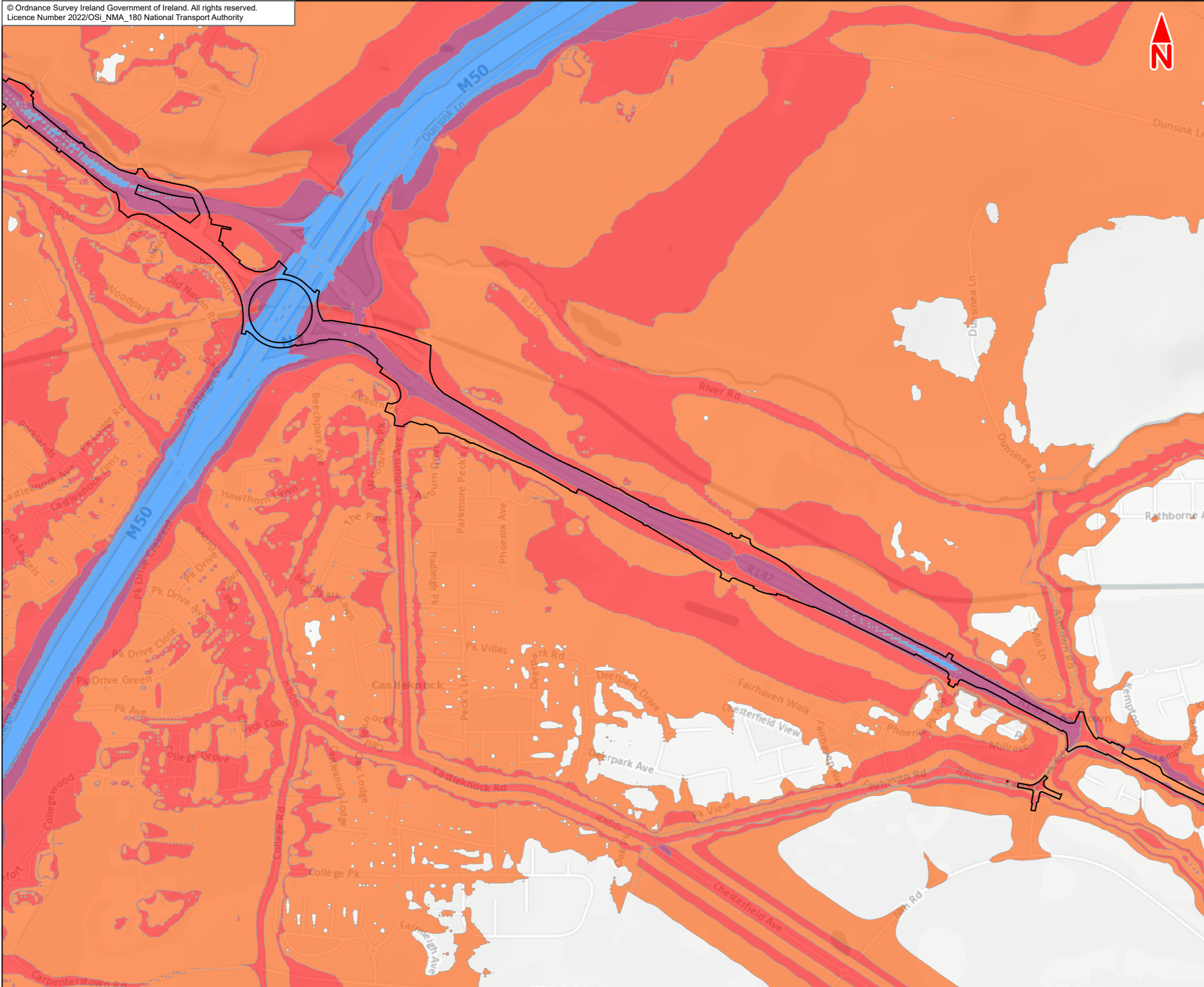
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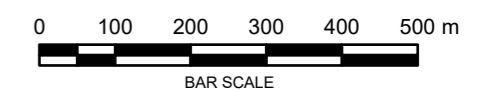
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| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.1.1<br>Road Noise Contours Lden |                        |             |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0101   | Sheet Number<br>1 of 4 | Status<br>A | Rev<br>M01 |  |



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Noise Round 3 Road - Lden**
  - 55-59 dB
  - 60-64 dB
  - 65-69 dB
  - 70-74 dB
  - Greater than 75 dB

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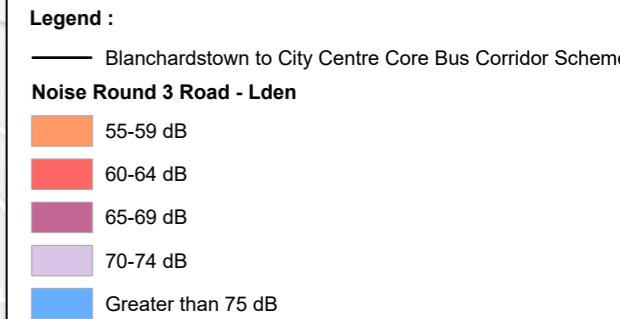
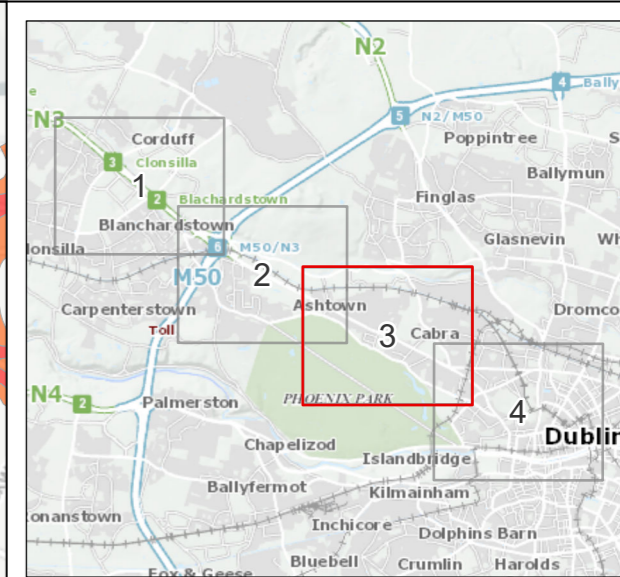
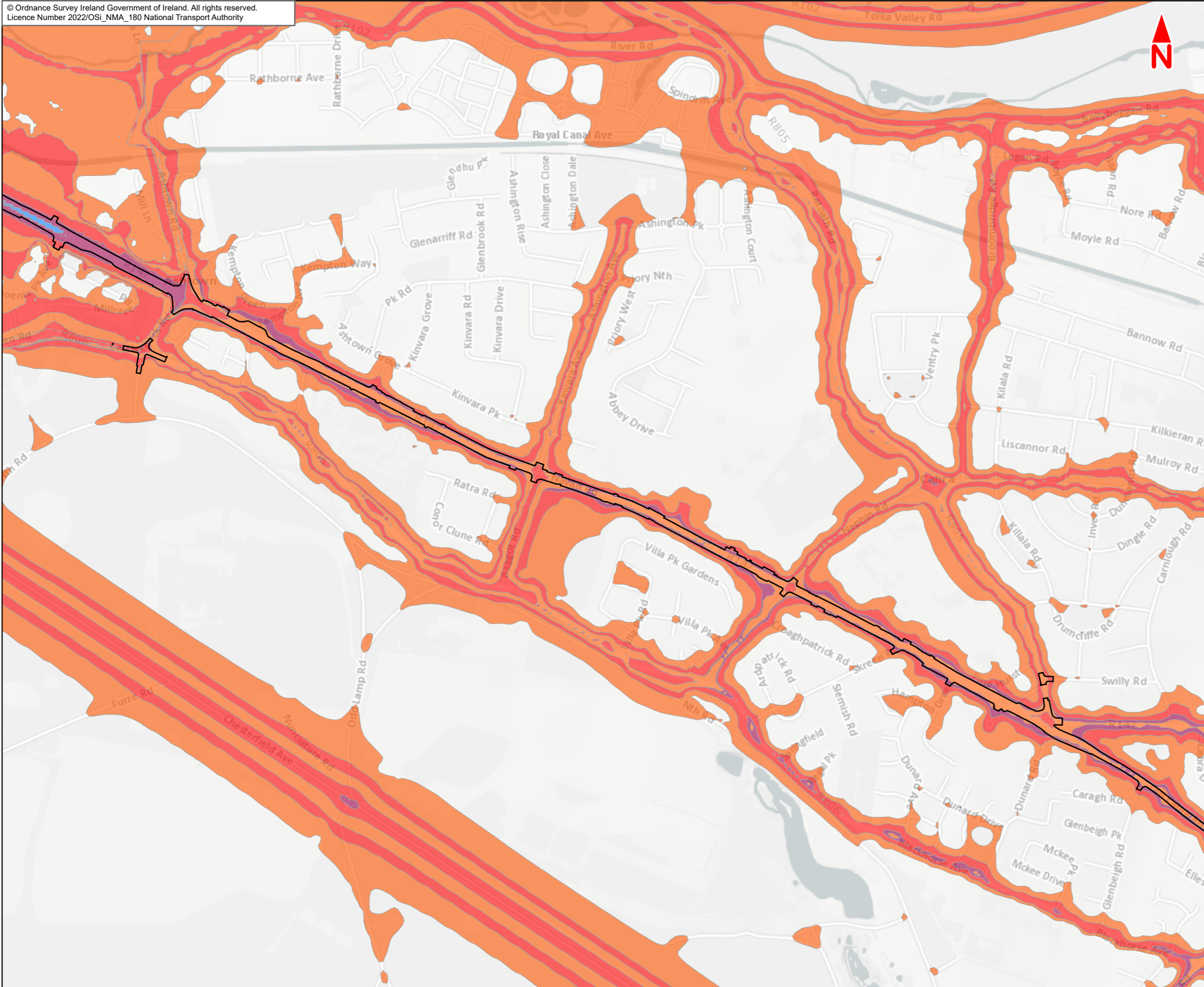
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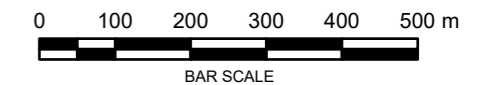
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| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.1.1<br>Road Noise Contours Lden |                        |             |            |  |
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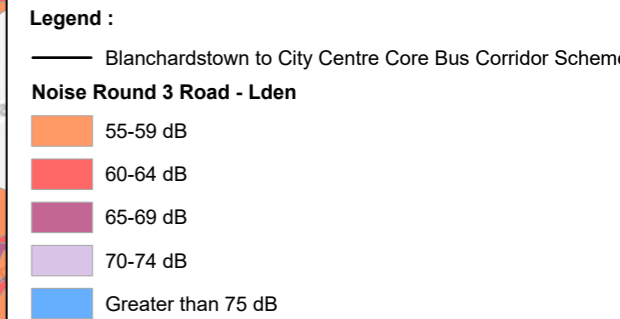
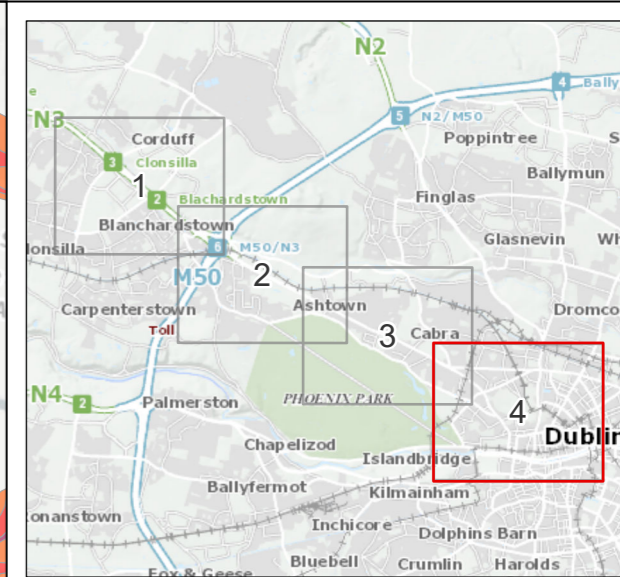
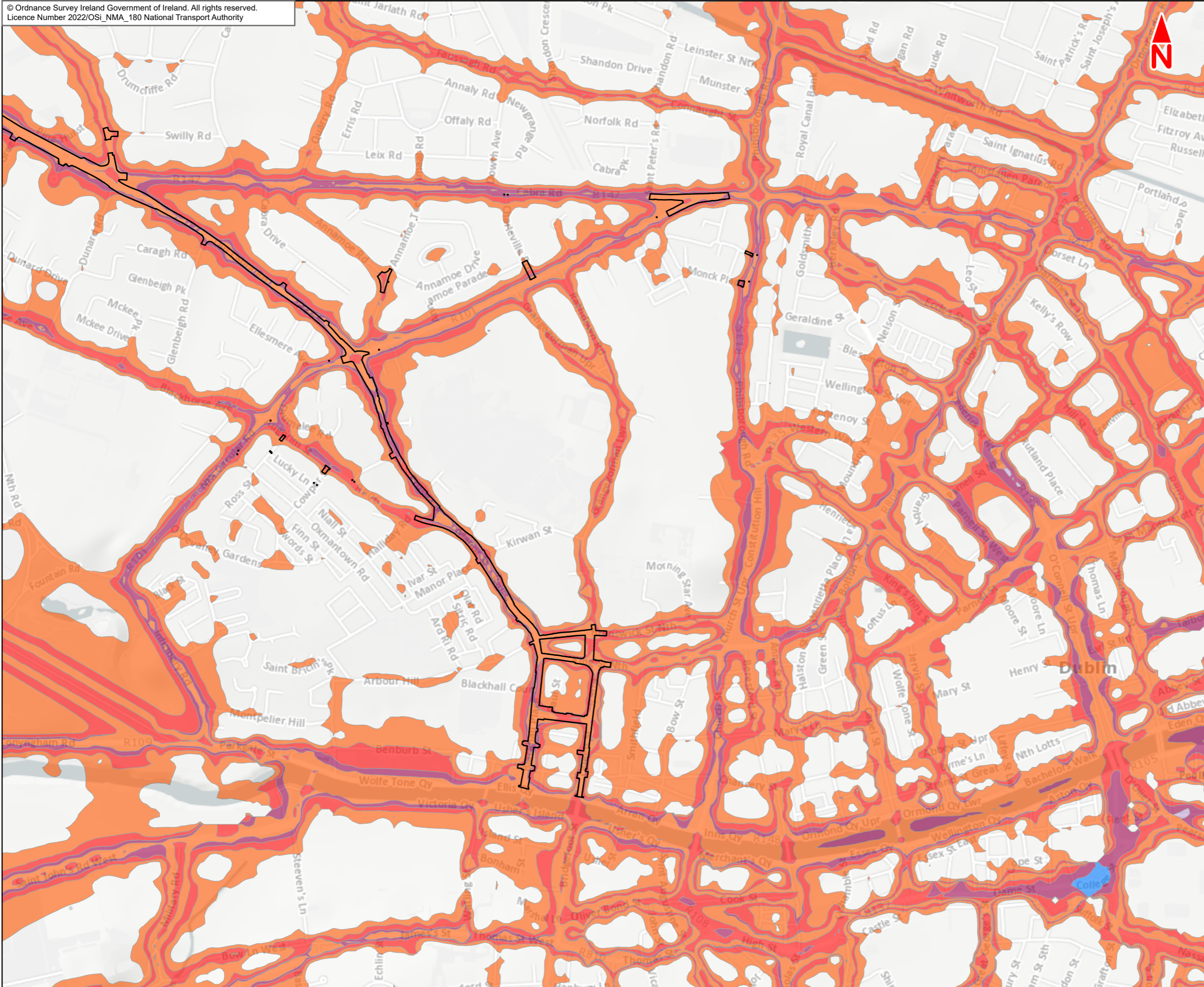
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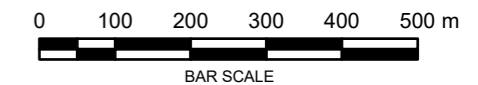
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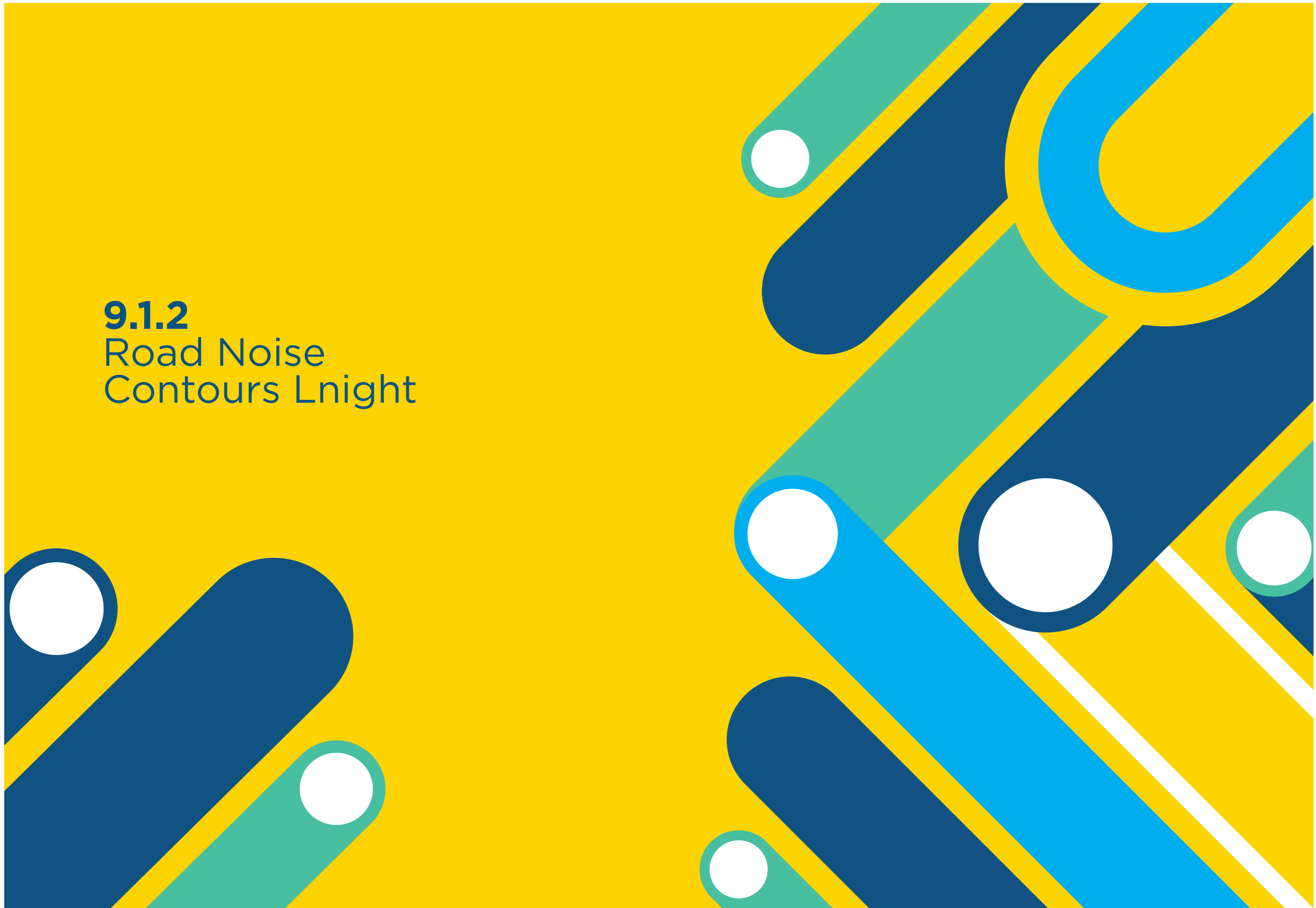


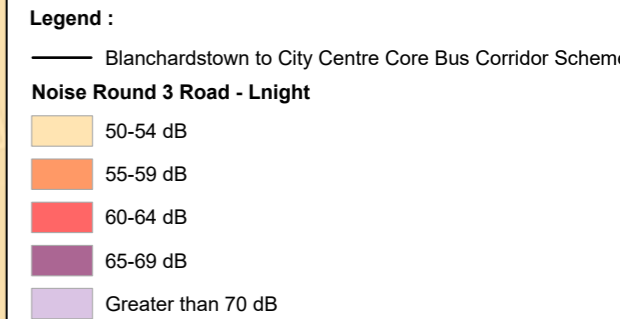
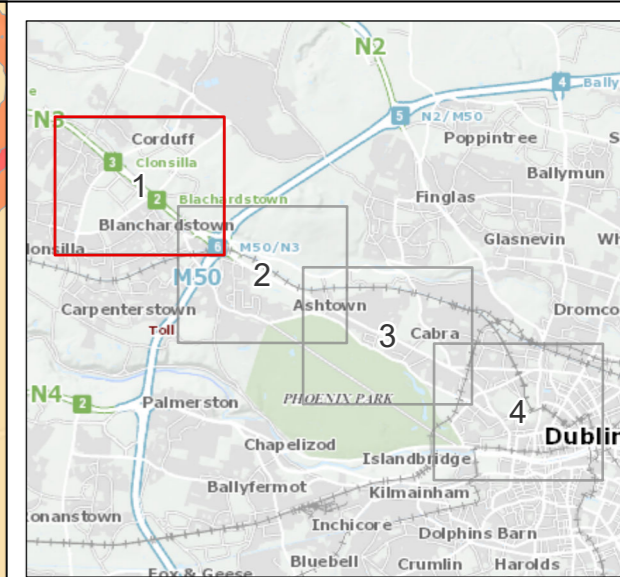
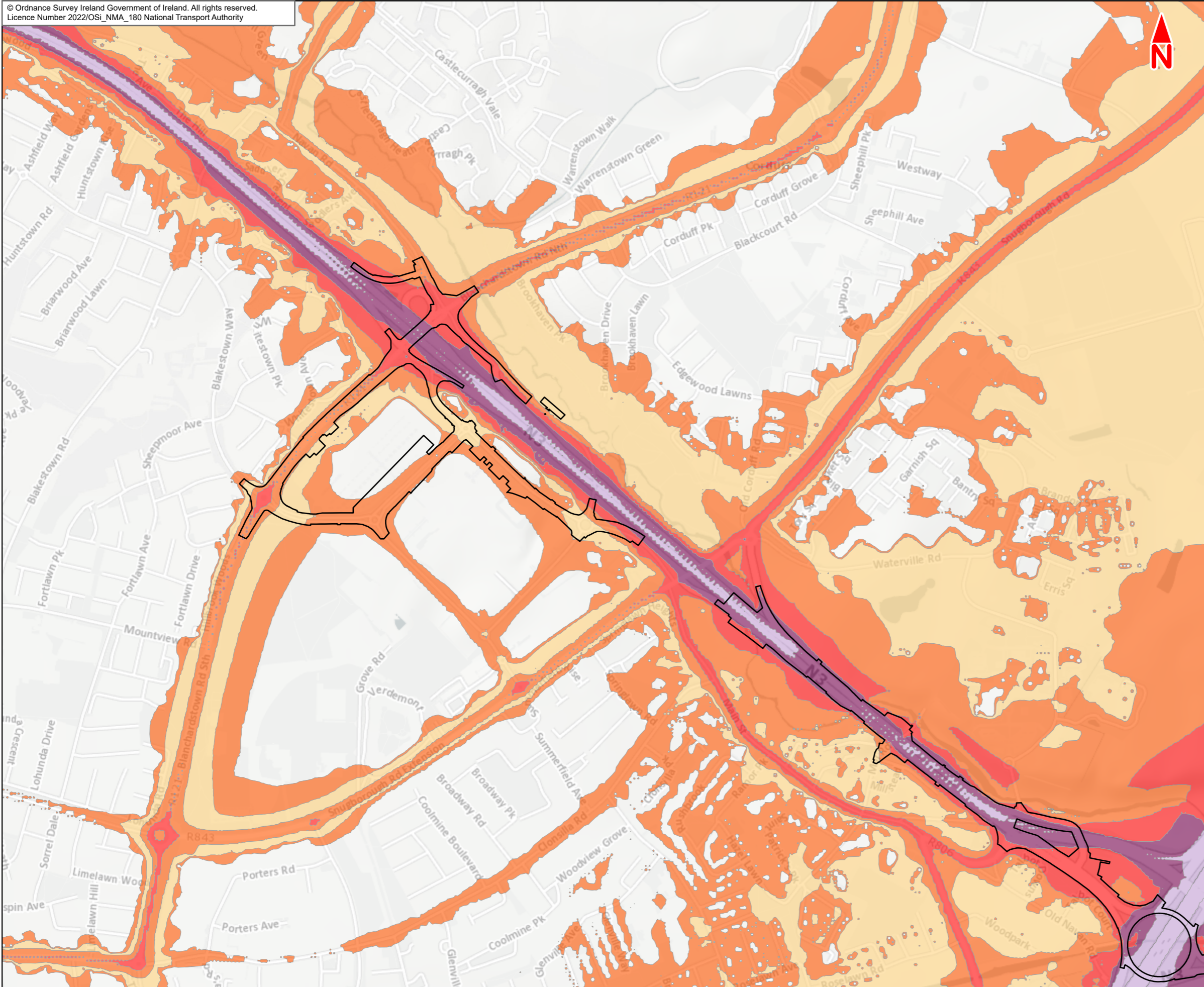
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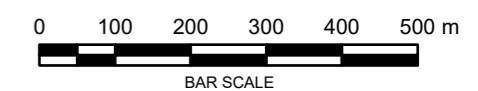
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| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.1.1<br>Road Noise Contours Lden |                        |             |            |  |
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**9.1.2**  
Road Noise  
Contours Lnight





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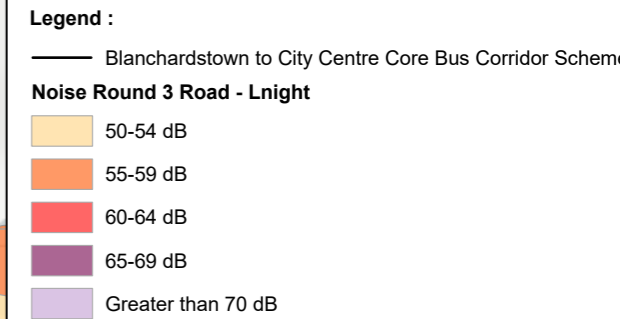
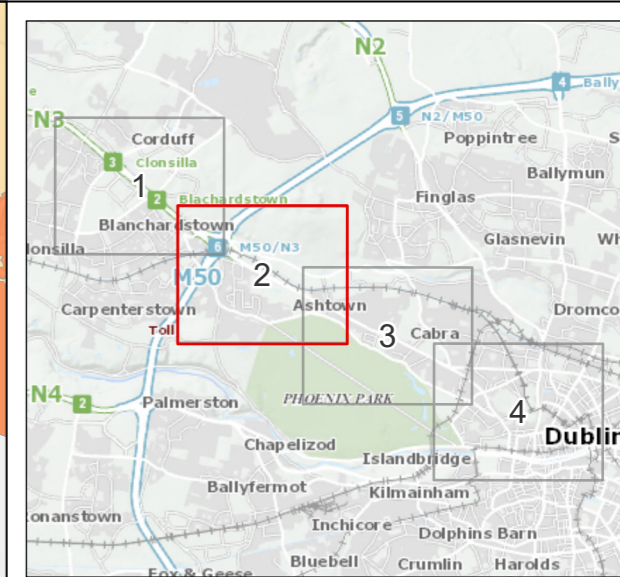
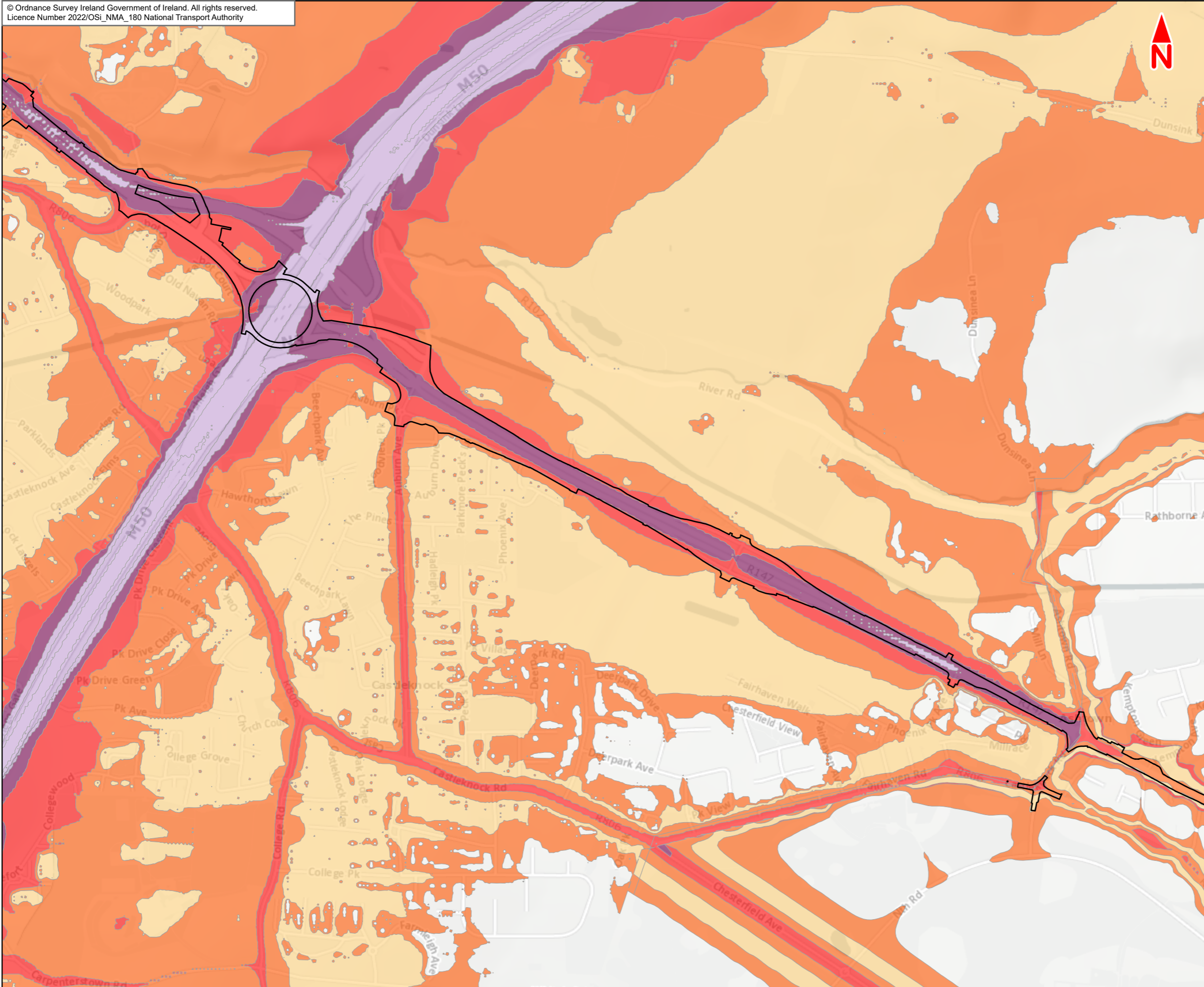
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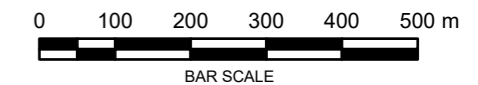
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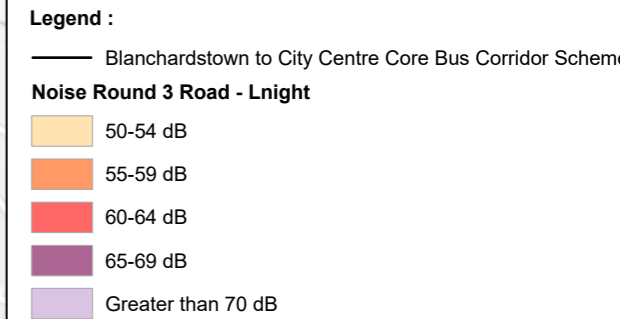
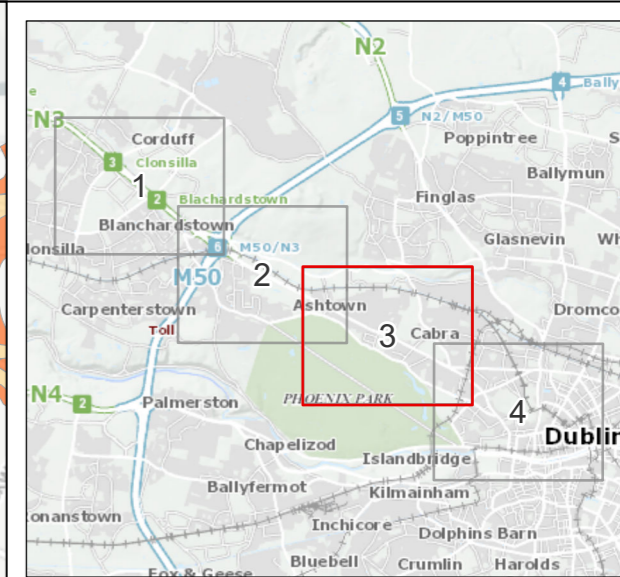
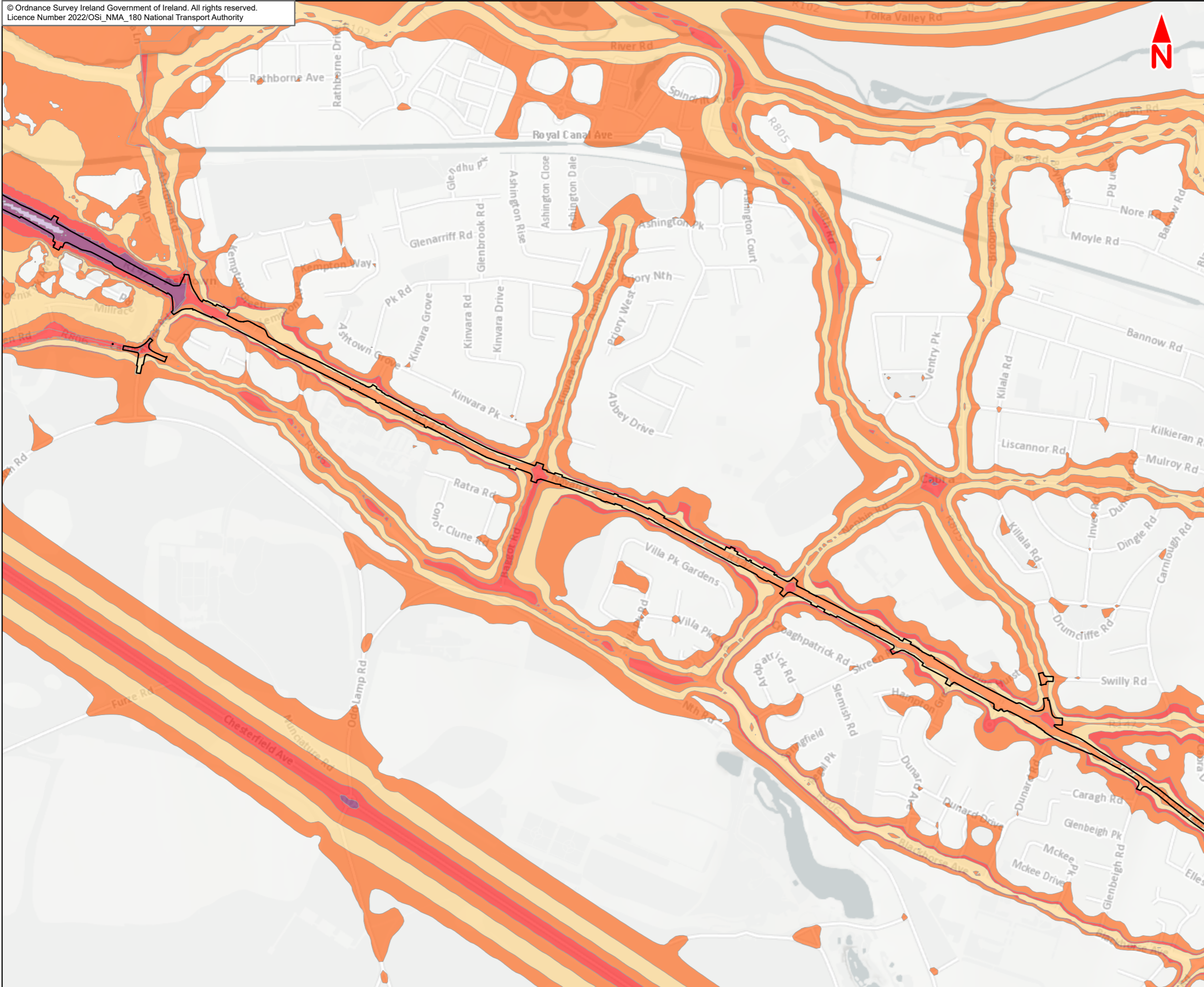


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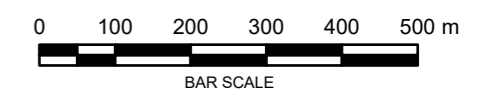
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| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.1.2<br>Road Noise Contours Lnight |                        |             |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0202   | Sheet Number<br>2 of 4 | Status<br>A | Rev<br>M01 |  |





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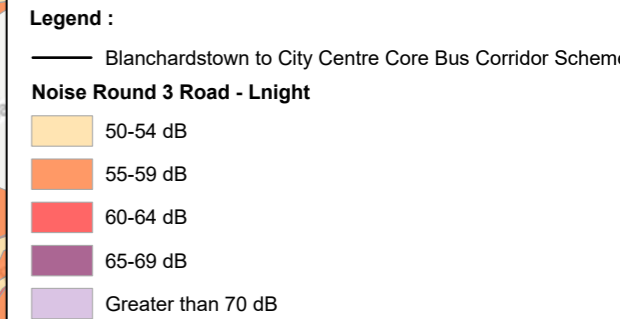
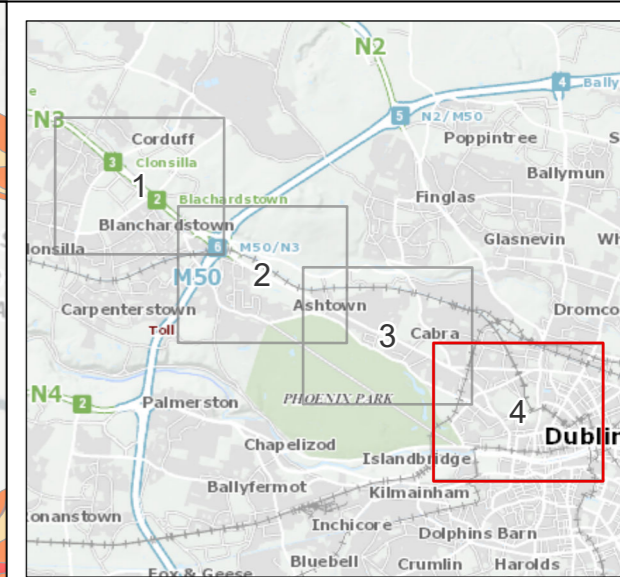
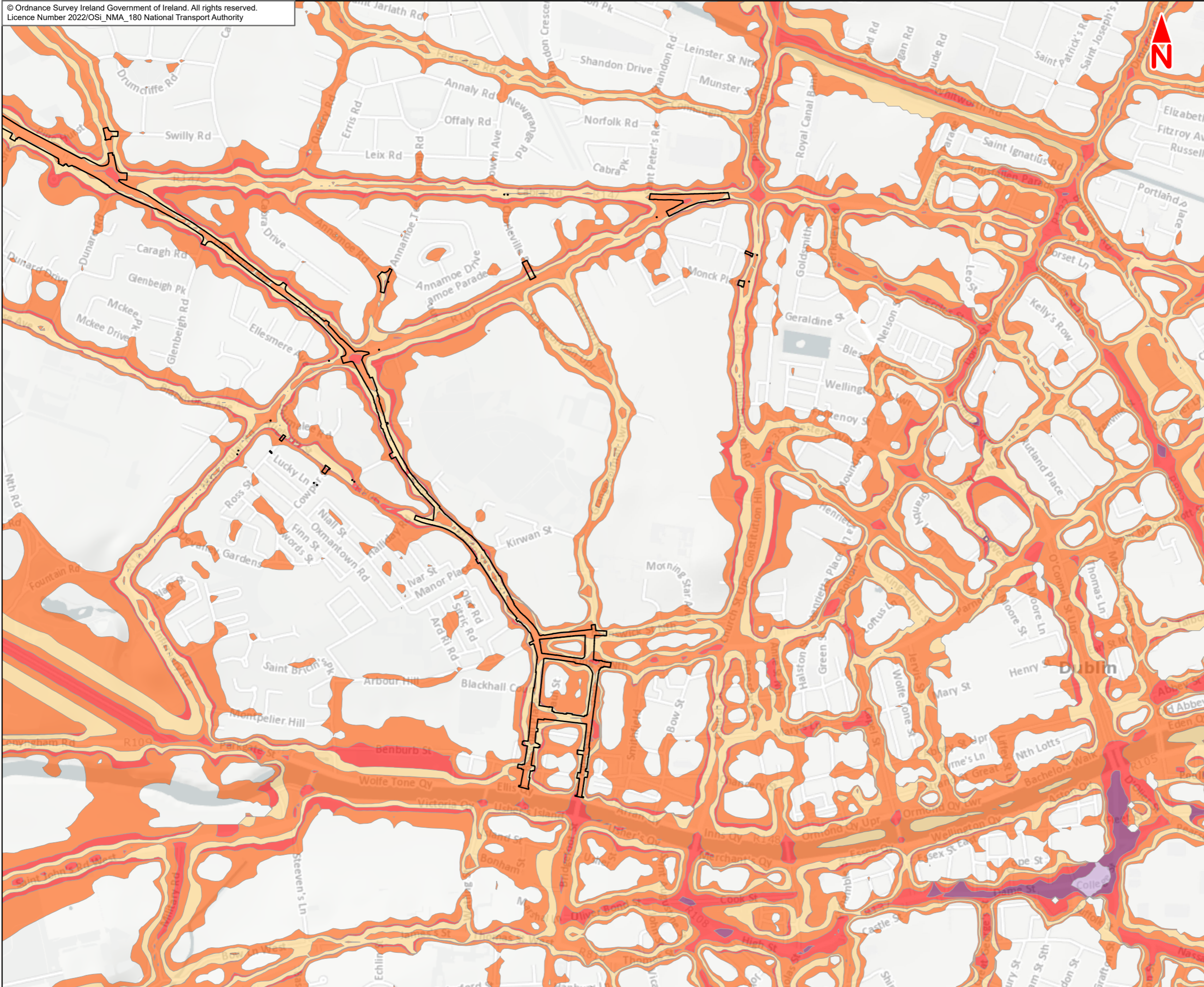
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| Date<br>11/03/2022   | Scale @ A3<br>1:10 000 | Drawn<br>LF                                       | Checked<br>SW | Approved<br>DK |
| Project Code<br>BCIDE  | Originator Code<br>JAC | QMS Code  |               |                |

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| Programme Title<br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                        |                        |             |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.1.2<br>Road Noise Contours Lnight |                        |             |            |  |
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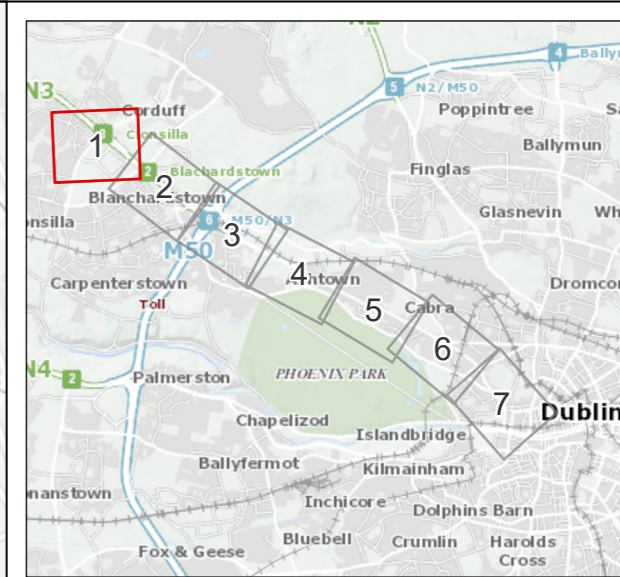
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| Programme Title<br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                        |                        |             |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.1.2<br>Road Noise Contours Lnight |                        |             |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0204   | Sheet Number<br>4 of 4 | Status<br>A | Rev<br>M01 |  |

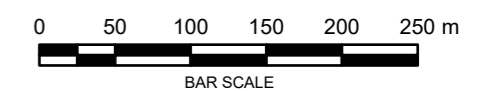


**9.2**  
Noise Monitoring Locations



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Noise Monitoring Locations

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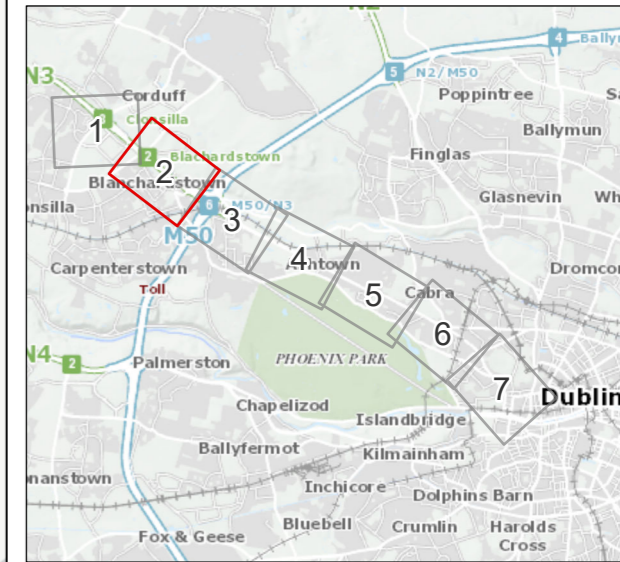
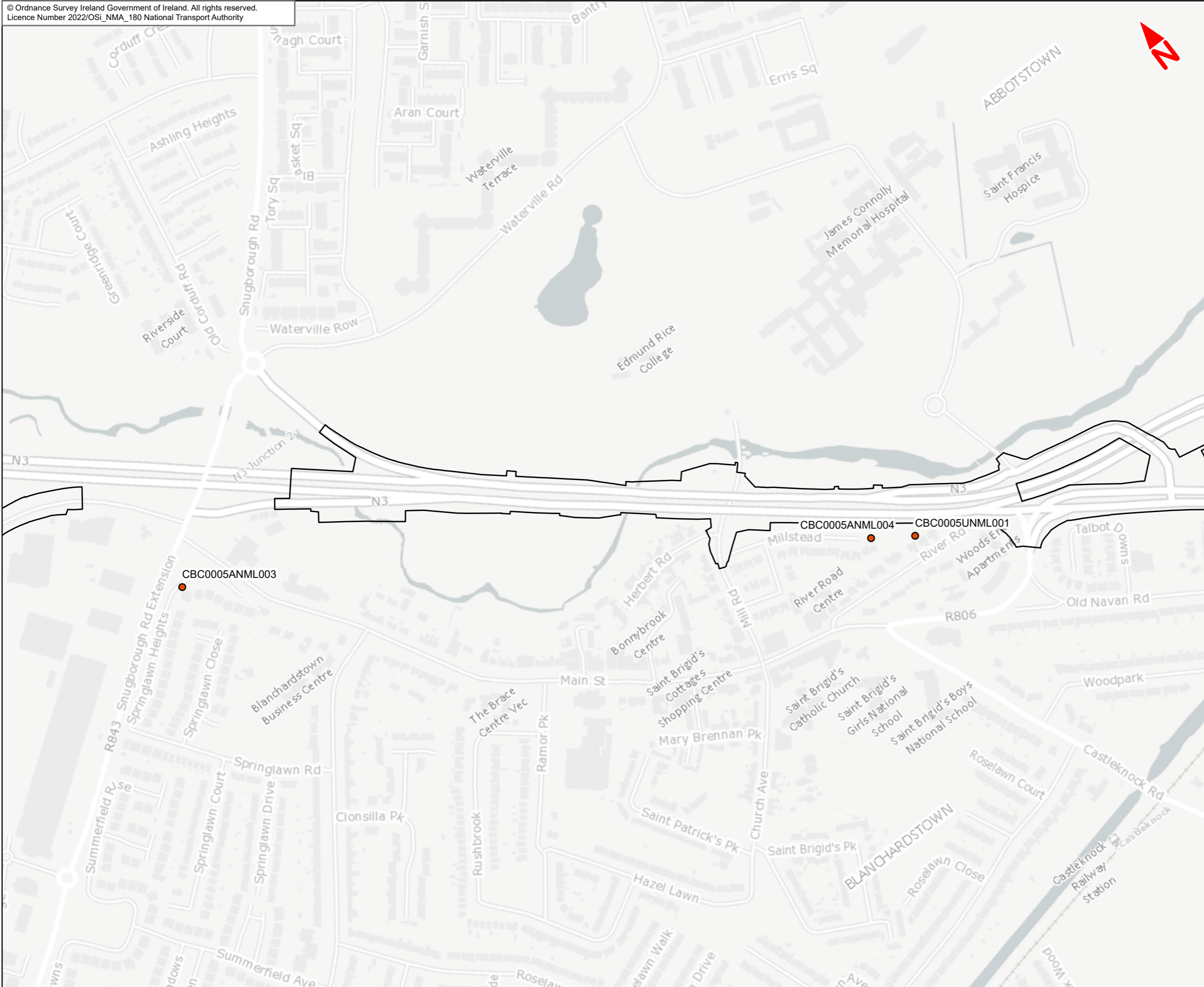
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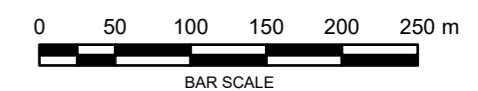
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| Programme Title<br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                      |                        |             |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.2<br>Noise Monitoring Locations |                        |             |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0301   | Sheet Number<br>1 of 7 | Status<br>A | Rev<br>M01 |  |



- Legend :**
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  - Noise Monitoring Locations

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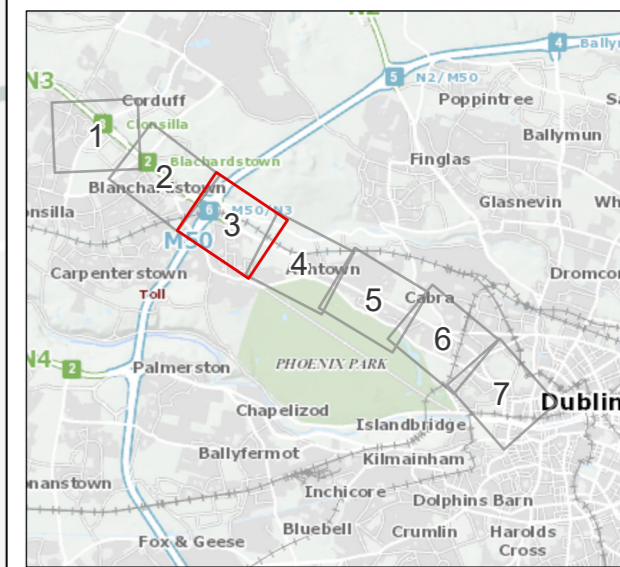
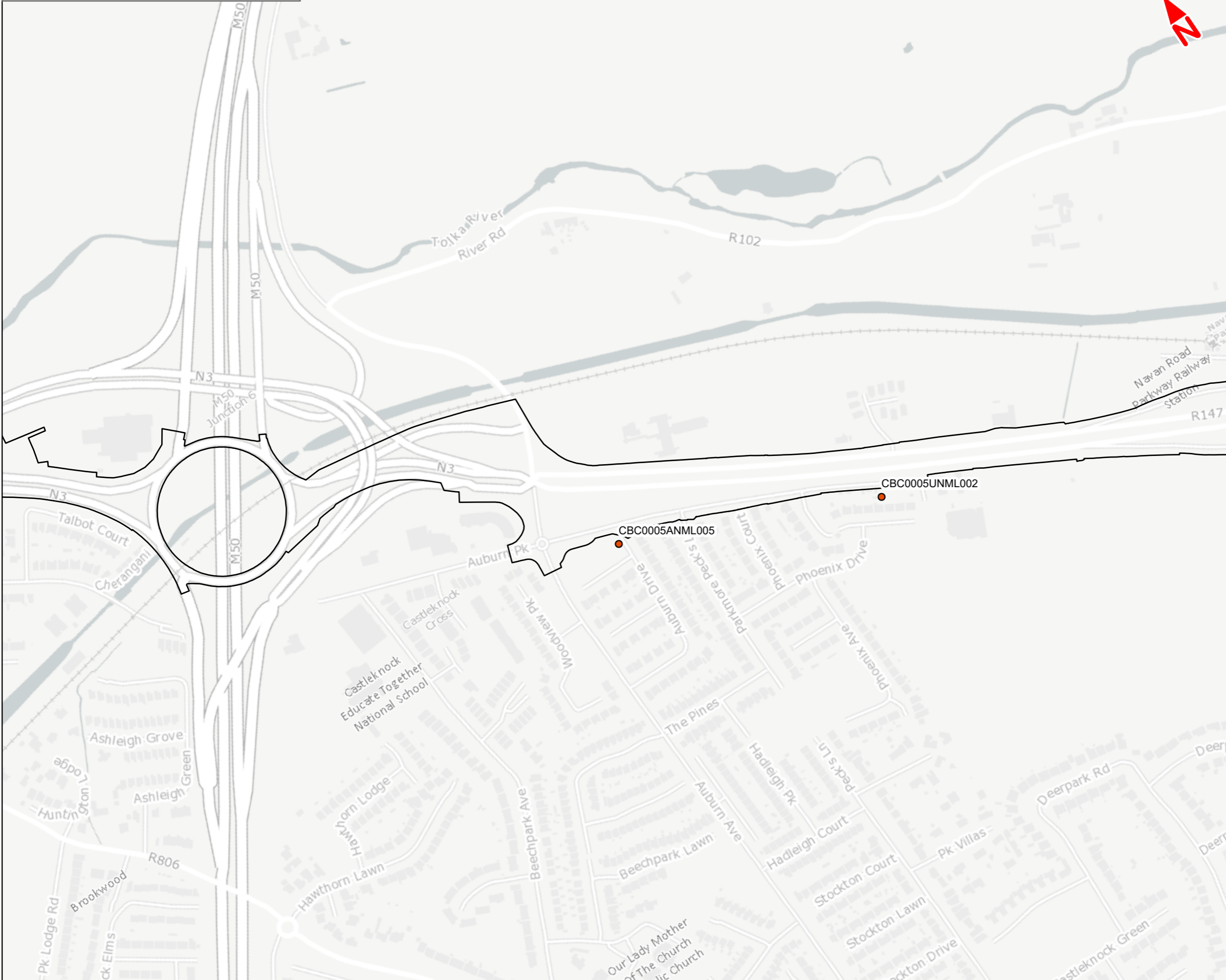
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Consultant: **JACOBS ARUP SYSTRA**

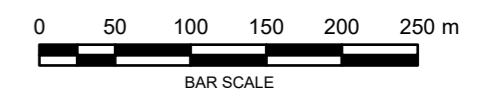
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|---|----------------------|-----------|----------|
| Programme Title: <b>BUSCONNECTS DUBLIN</b>                            |                      |           |          |
| CORE BUS CORRIDORS INFRASTRUCTURE WORKS                               |                      |           |          |
| Drawing Title: Blanchardstown to City Centre Core Bus Corridor Scheme |                      |           |          |
| Figure 9.2<br>Noise Monitoring Locations                              |                      |           |          |
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  - Noise Monitoring Locations

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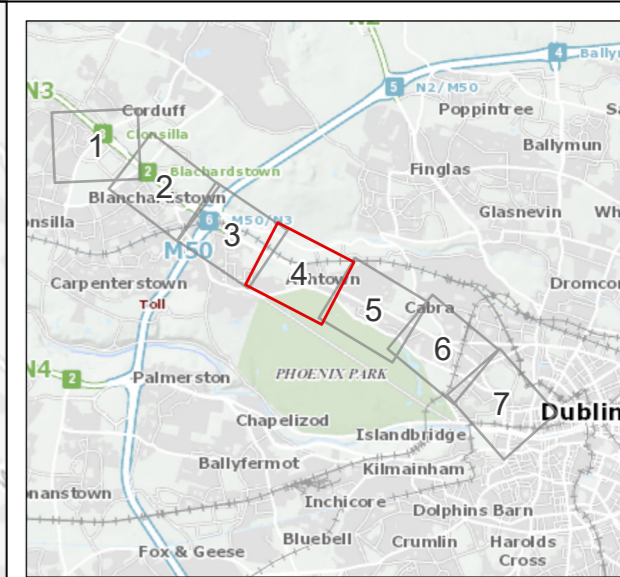
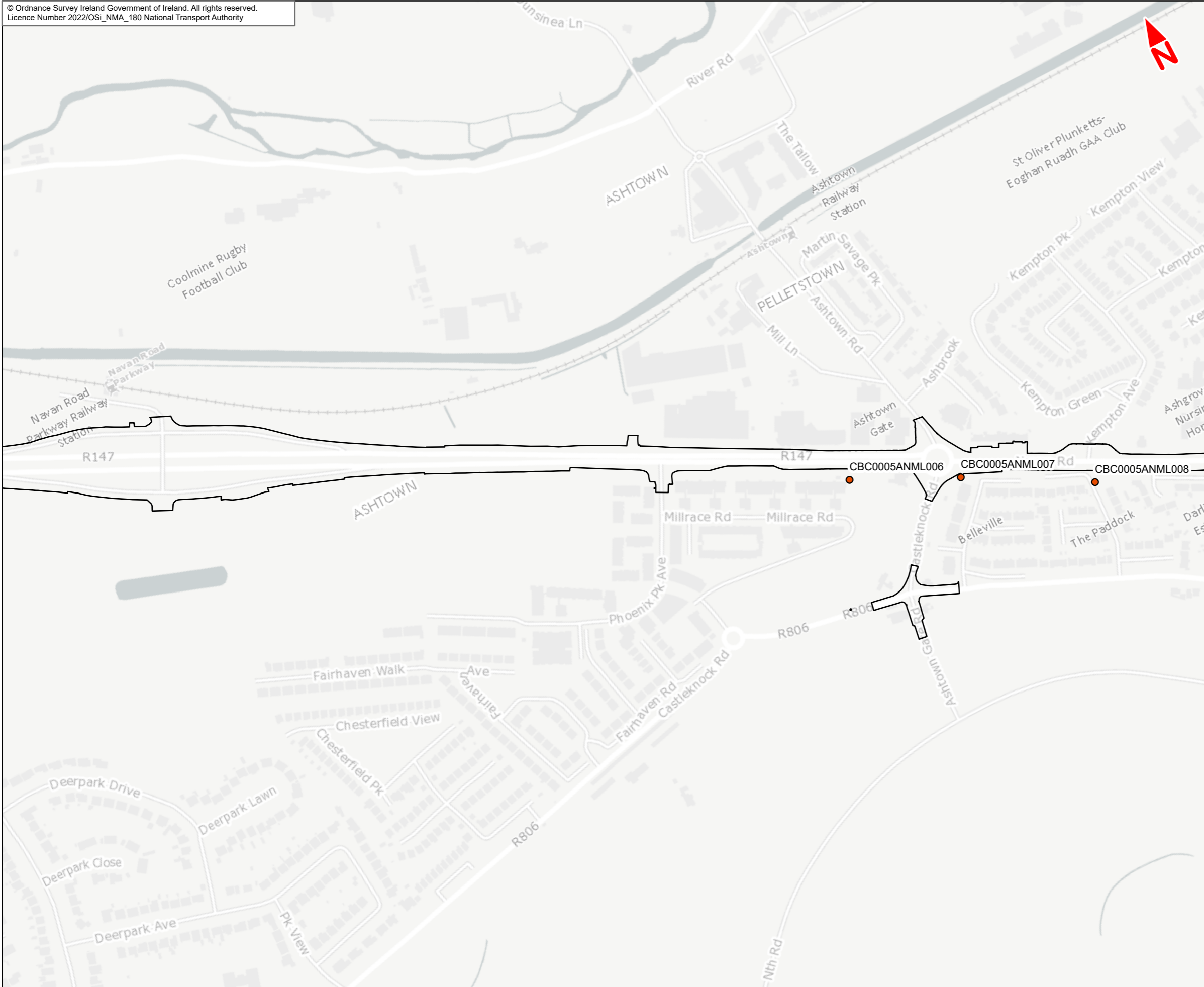
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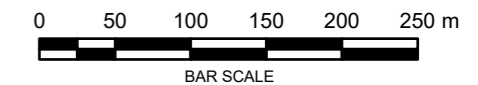
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| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.2<br>Noise Monitoring Locations |                        |             |            |  |
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  - Noise Monitoring Locations

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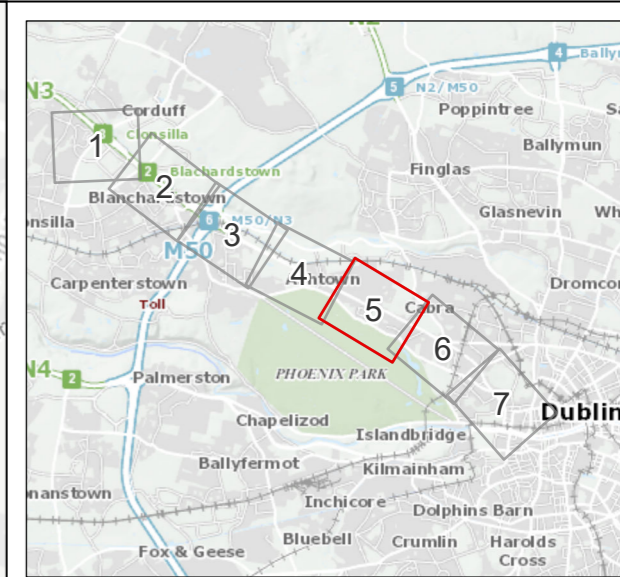
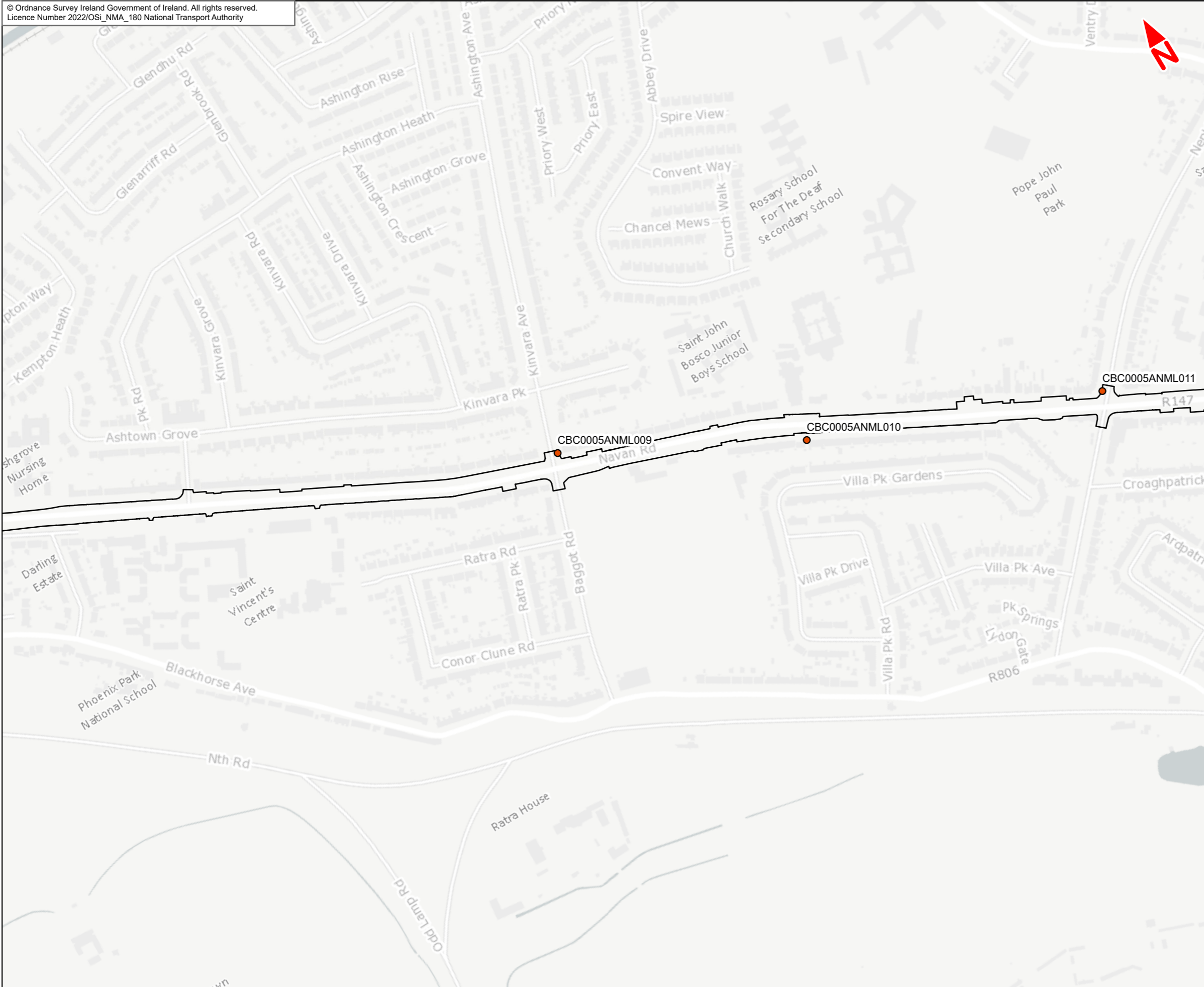
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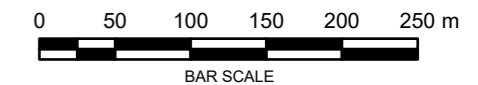
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| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.2<br>Noise Monitoring Locations |                        |             |            |  |
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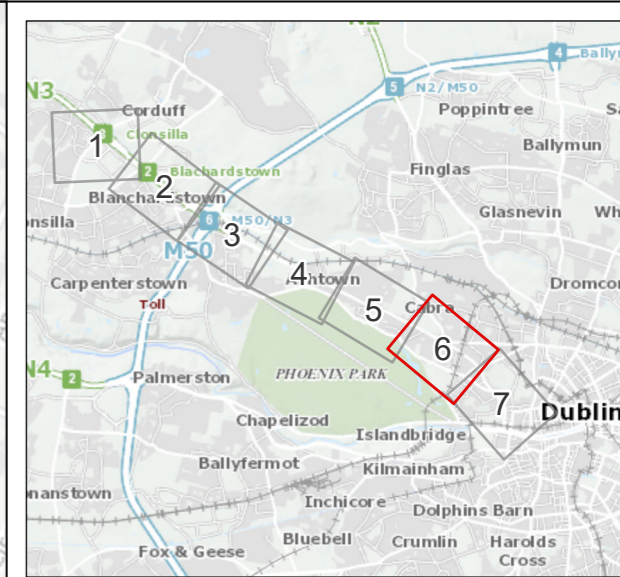
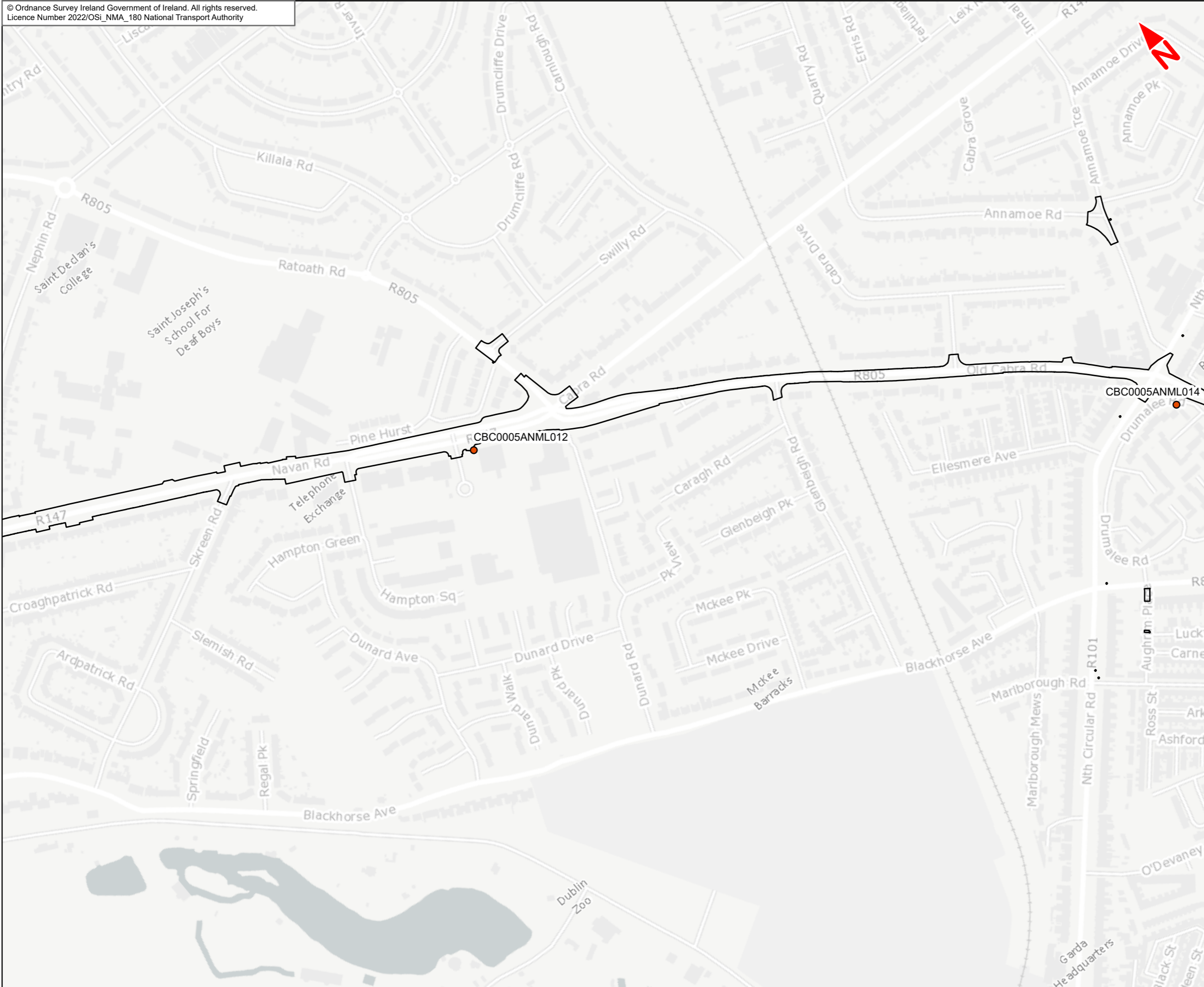


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|--|------------------------|---|---------------|----------------|
| Client<br><b>NTA</b><br>Udarás Náisiúnta Iompair<br>National Transport Authority |                        | Consultant<br><b>JACOBS</b><br><b>ARUP SYSTRA</b> |               |                |
| Date<br>11/03/2022   | Scale @ A3<br>1:5 000  | Drawn<br>HCH                                      | Checked<br>SW | Approved<br>DK |
| Project Code<br>BCIDE  | Originator Code<br>JAC | QMS Code  |               |                |

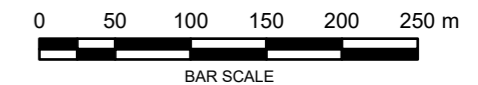
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|---|------------------------|-------------|------------|--|
| Programme Title<br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                      |                        |             |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.2<br>Noise Monitoring Locations |                        |             |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0305   | Sheet Number<br>5 of 7 | Status<br>A | Rev<br>M01 |  |





- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Noise Monitoring Locations

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

Consultant: **JACOBS ARUP SYSTRA**

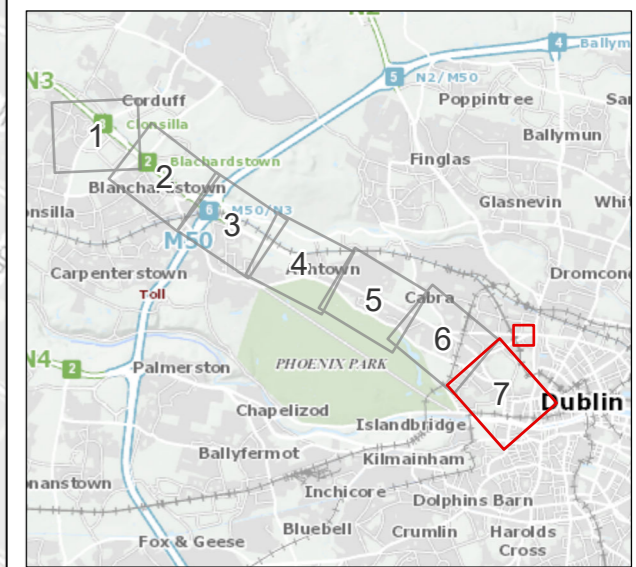
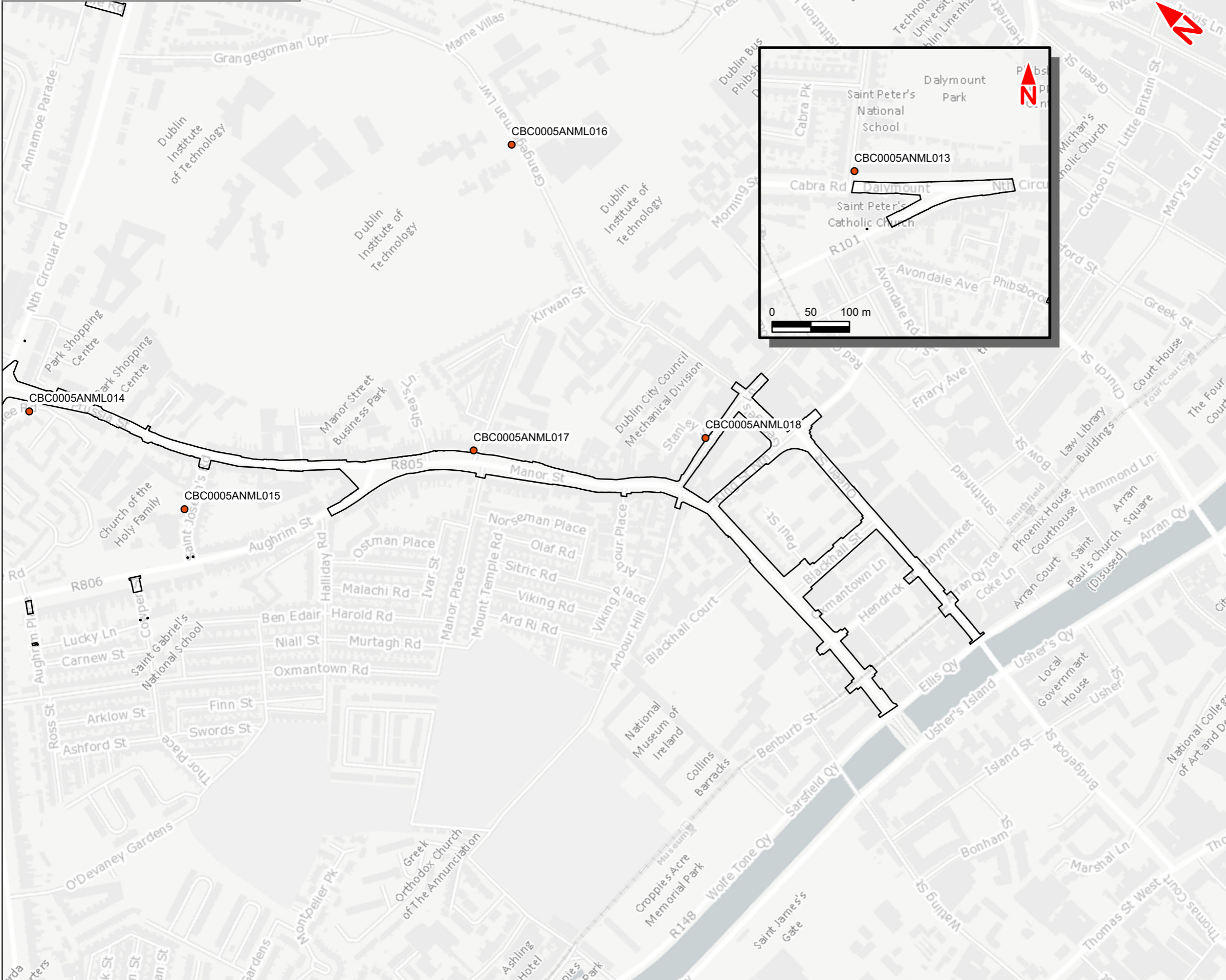
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Project Code: BCIDE | Originator Code: JAC

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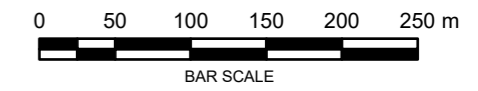
QMS Code: \_\_\_\_\_

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|---|----------------------|-----------|----------|
| Programme Title: <b>BUSCONNECTS DUBLIN</b>                            |                      |           |          |
| CORE BUS CORRIDORS INFRASTRUCTURE WORKS                               |                      |           |          |
| Drawing Title: Blanchardstown to City Centre Core Bus Corridor Scheme |                      |           |          |
| Figure 9.2<br>Noise Monitoring Locations                              |                      |           |          |
| Drawing File Name: BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0306             | Sheet Number: 6 of 7 | Status: A | Rev: M01 |



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Noise Monitoring Locations

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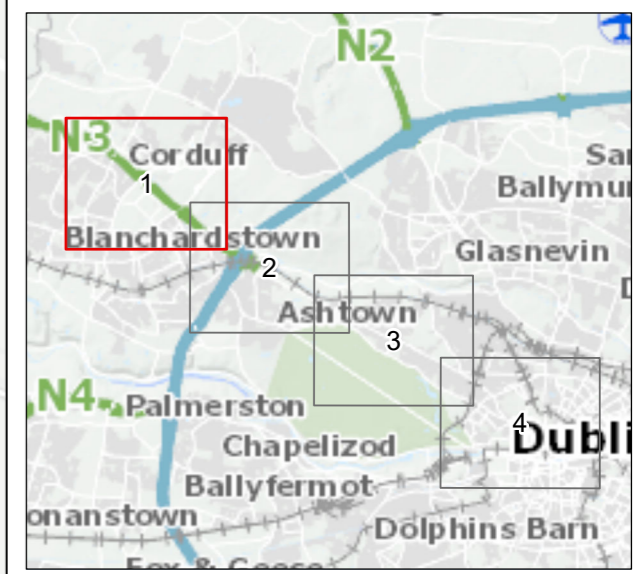
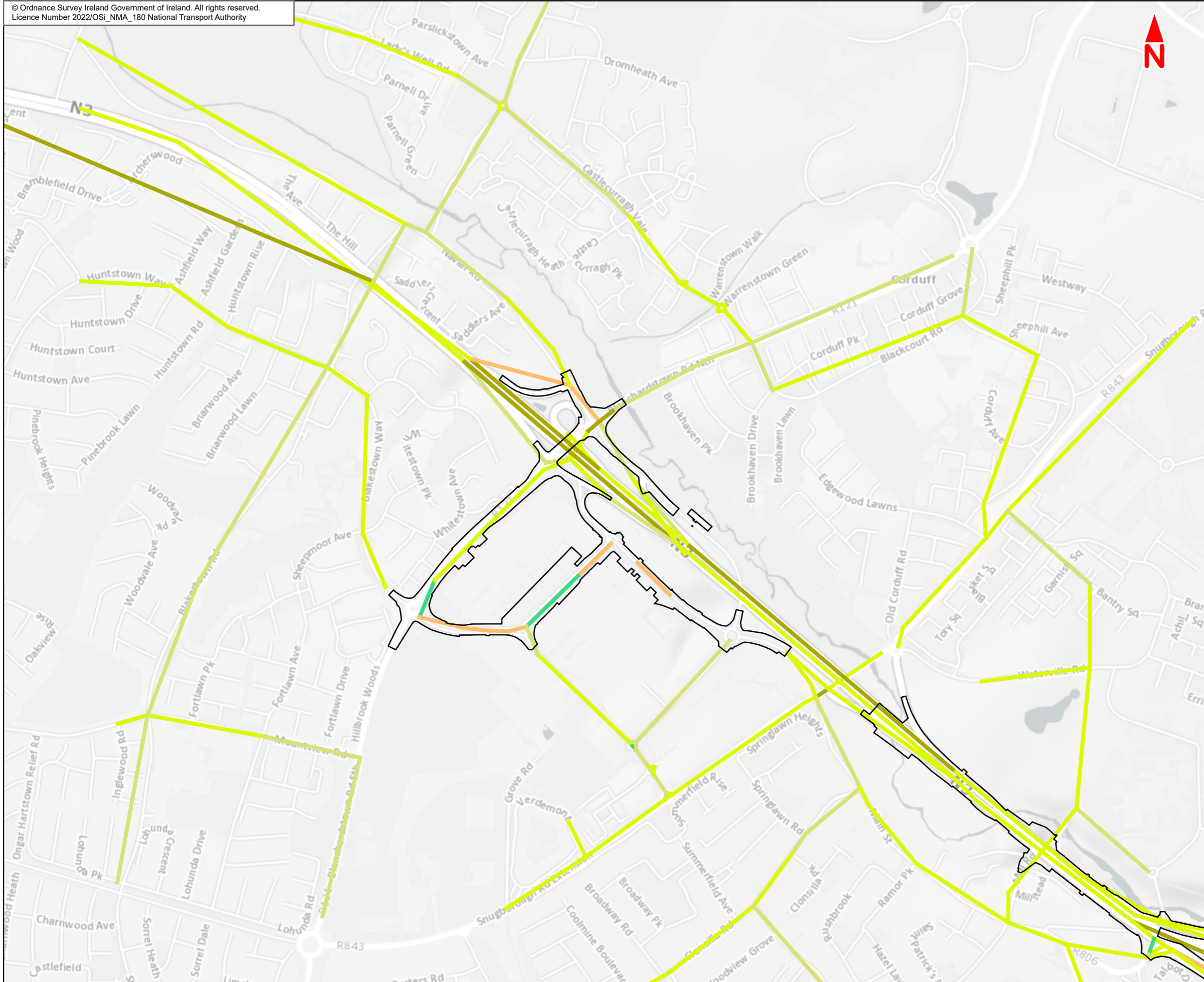
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| Client<br><b>NTA</b><br>Udarás Náisiúnta Iompair<br>National Transport Authority |                        | Consultant<br><b>JACOBS</b><br><b>ARUP SYSTRA</b> |               |                |
| Date<br>14/03/2022   | Scale @ A3<br>1:5 000  | Drawn<br>HCH                                      | Checked<br>SW | Approved<br>DK |
| Project Code<br>BCIDE  | Originator Code<br>JAC | QMS Code  |               |                |

|   |                        |             |            |  |
|---|------------------------|-------------|------------|--|
| Programme Title<br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                      |                        |             |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.2<br>Noise Monitoring Locations |                        |             |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0307   | Sheet Number<br>7 of 7 | Status<br>A | Rev<br>M01 |  |

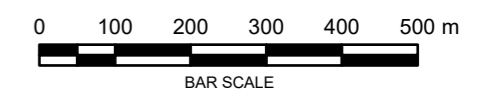


**9.3**  
Construction Traffic  
Noise Impacts



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Overall Significance**
  - Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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Consultant: **JACOBS ARUP SYSTRA**

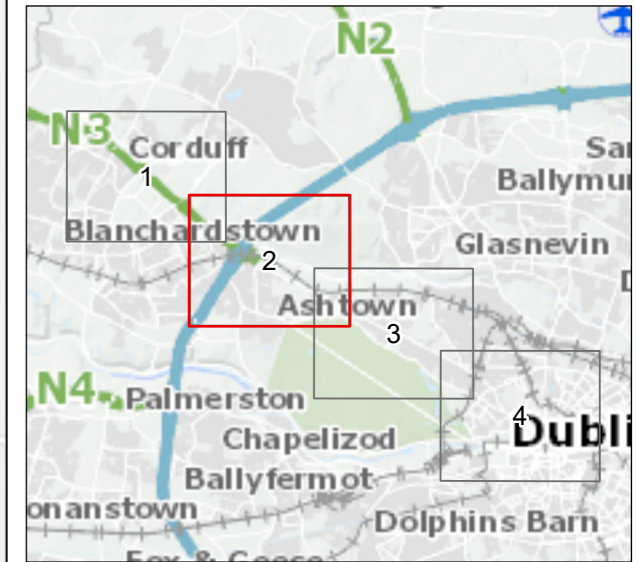
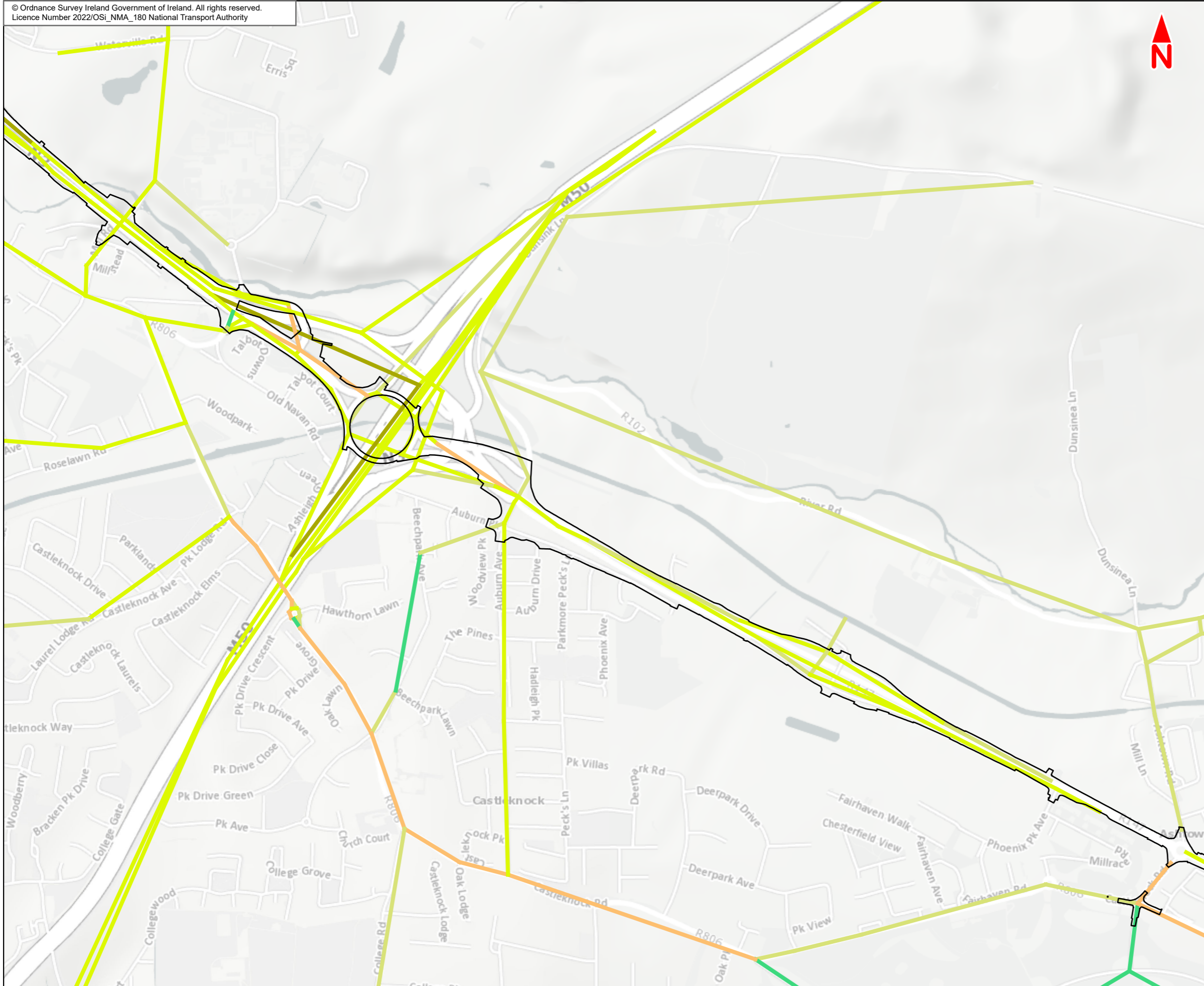
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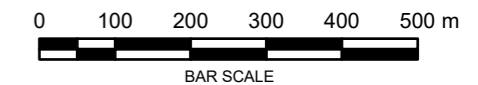
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|--|-----------|----------|--|
| Programme Title: <b>BUSCONNECTS DUBLIN</b>                       |           |          |  |
| Drawing Title: <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>    |           |          |  |
| Drawing File Name: <b>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0401</b> |           |          |  |
| Sheet Number: 1 of 4   | Status: A | Rev: M01 |  |



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Overall Significance**
- Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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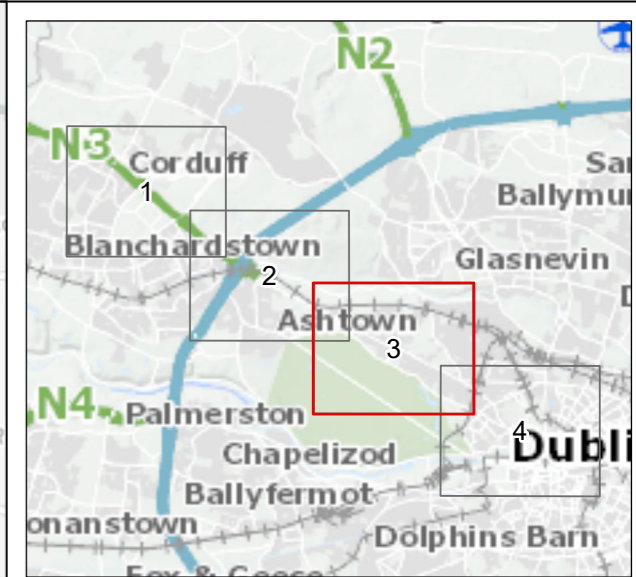
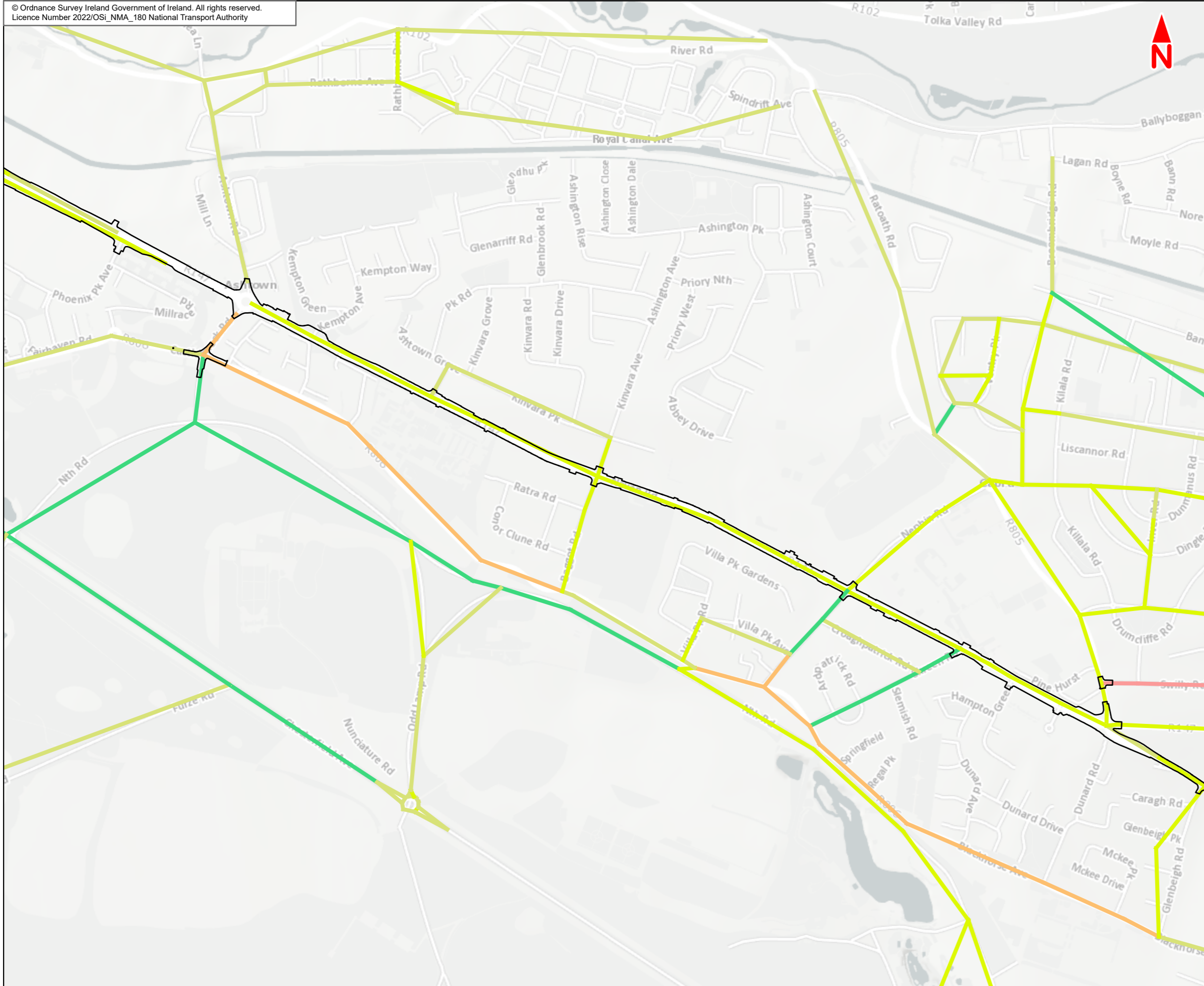
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Consultant  
**JACOBS**  
**ARUP SYSTRA**

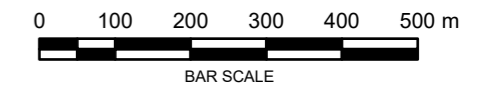
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| Programme Title<br><b>BUSCONNECTS DUBLIN</b>  |                        |             |            |
| Drawing Title<br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>   |                        |             |            |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.3<br>Construction Traffic Noise Impacts |                        |             |            |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0402   | Sheet Number<br>2 of 4 | Status<br>A | Rev<br>M01 |

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| Project Code<br>BCIDE | Originator Code<br>JAC | QMS Code     |               |                |



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Overall Significance**
- Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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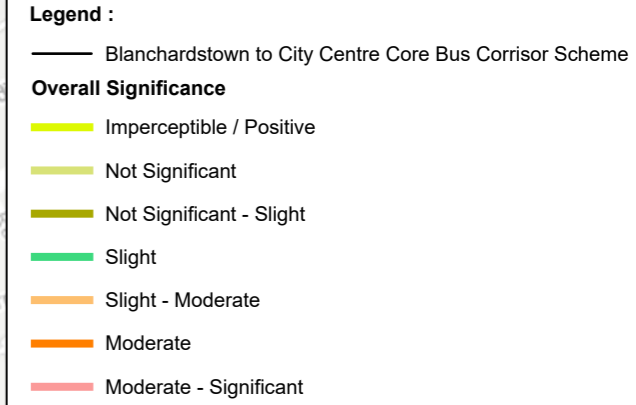
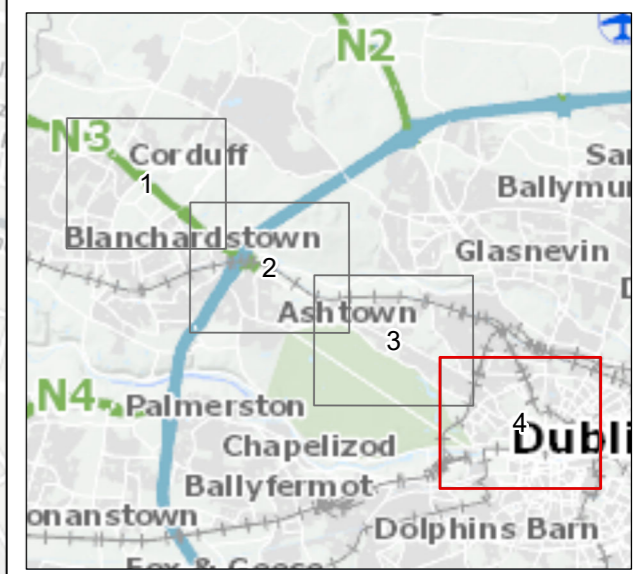
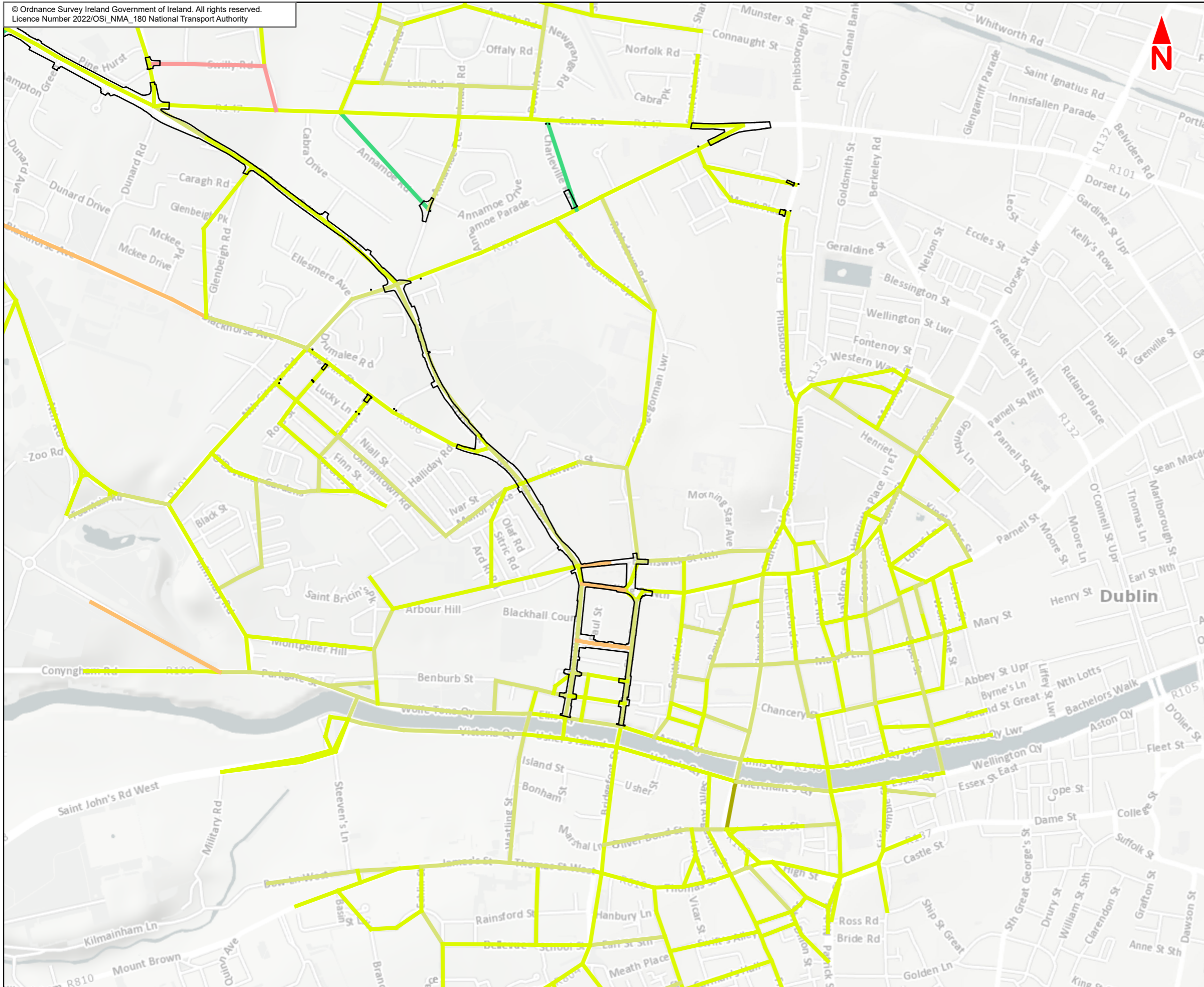
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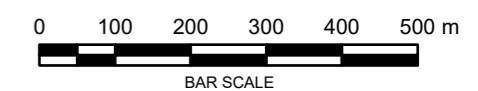
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| Client<br><b>NTA</b><br>Udarás Náisiúnta Iompair<br>National Transport Authority |                        | Consultant<br><b>JACOBS</b><br><b>ARUP SYSTRA</b> |               |                |
| Date<br>11/03/2022   | Scale @ A3<br>1:10 000 | Drawn<br>HCH                                      | Checked<br>SW | Approved<br>DK |
| Project Code<br>BCIDE  | Originator Code<br>JAC | QMS Code  |               |                |

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|---|------------------------|-------------|------------|--|
| Programme Title<br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                              |                        |             |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.3<br>Construction Traffic Noise Impacts |                        |             |            |  |
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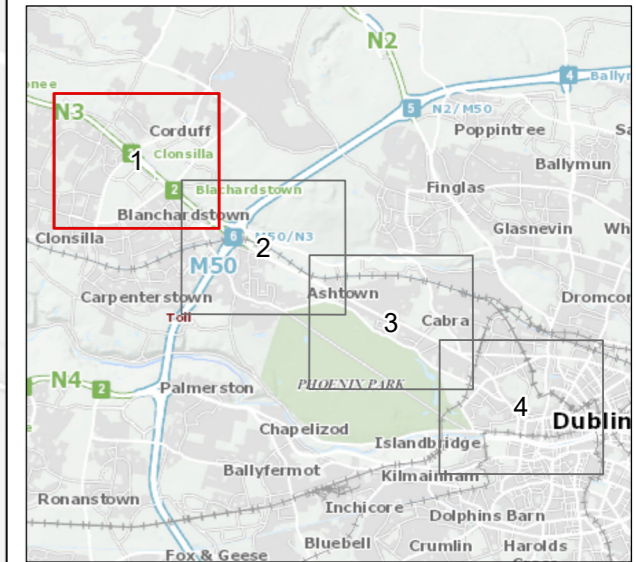
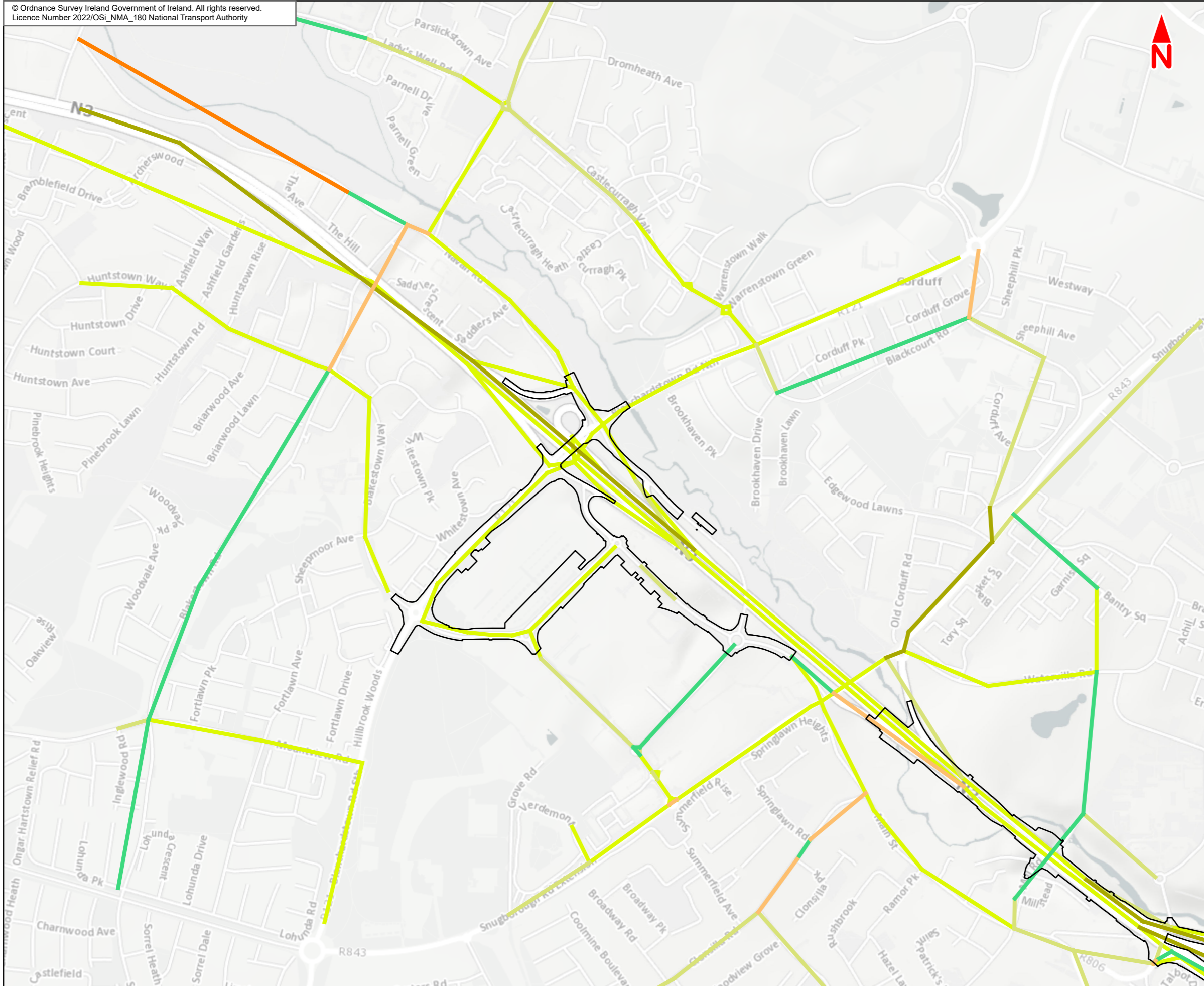
|  |                        |   |               |                |
|--|------------------------|---|---------------|----------------|
| Client<br><b>NTA</b><br>Udarás Náisiúnta Iompair<br>National Transport Authority |                        | Consultant<br><b>JACOBS</b><br><b>ARUP SYSTRA</b> |               |                |
| Date<br>11/03/2022   | Scale @ A3<br>1:10 000 | Drawn<br>HCH                                      | Checked<br>SW | Approved<br>DK |
| Project Code<br>BCIDE  | Originator Code<br>JAC | QMS Code  |               |                |

|   |                        |             |            |  |
|---|------------------------|-------------|------------|--|
| Programme Title<br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                              |                        |             |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.3<br>Construction Traffic Noise Impacts |                        |             |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0404   | Sheet Number<br>4 of 4 | Status<br>A | Rev<br>M01 |  |



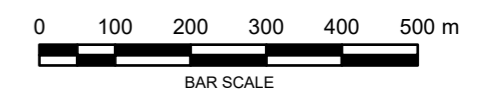
**9.4**  
Opening Year 2028 Traffic  
Noise Impact Summary





- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Overall Significance**
  - Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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Udarás Náisiúnta Iompair  
National Transport Authority

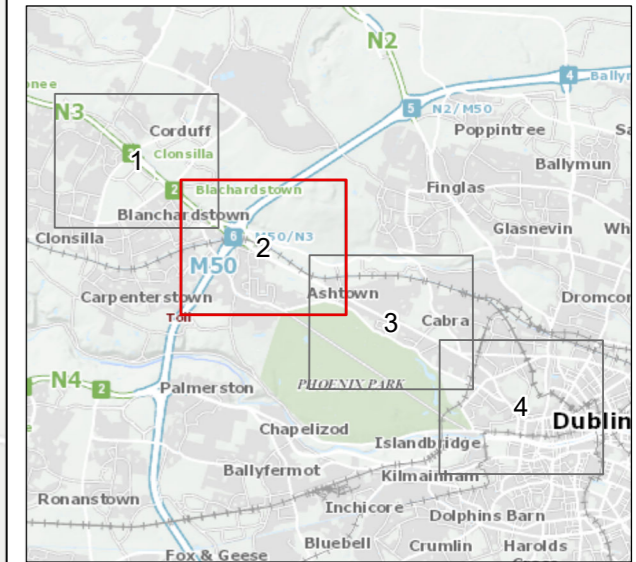
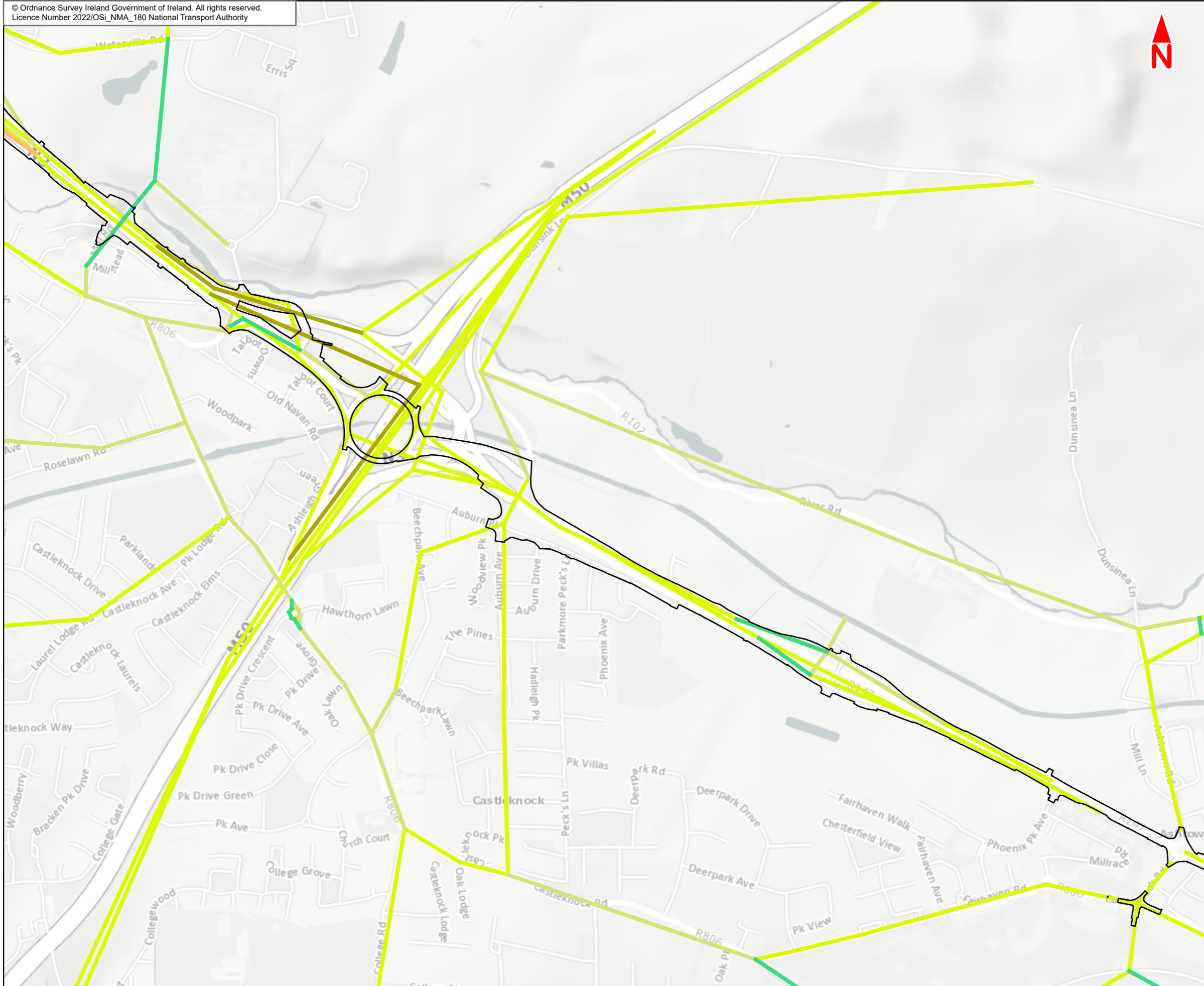
Consultant: **JACOBS ARUP SYSTRA**

Date: 11/03/2022 | Scale @ A3: 1:10 000

Project Code: BCIDE | Originator Code: JAC

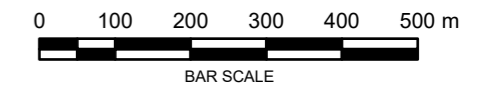
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| Programme Title: <b>BUSCONNECTS DUBLIN</b>                    |              |        |     |
| Drawing Title: <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b> |              |        |     |
| Blanchardstown to City Centre Core Bus Corridor Scheme        |              |        |     |
| Figure 9.4  |              |        |     |
| Opening Year 2028   |              |        |     |
| Traffic Noise Impact Summary                                  |              |        |     |
| Drawing File Name   | Sheet Number | Status | Rev |
| BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0501                        | 1 of 4       | S3     | M01 |



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Overall Significance**
- Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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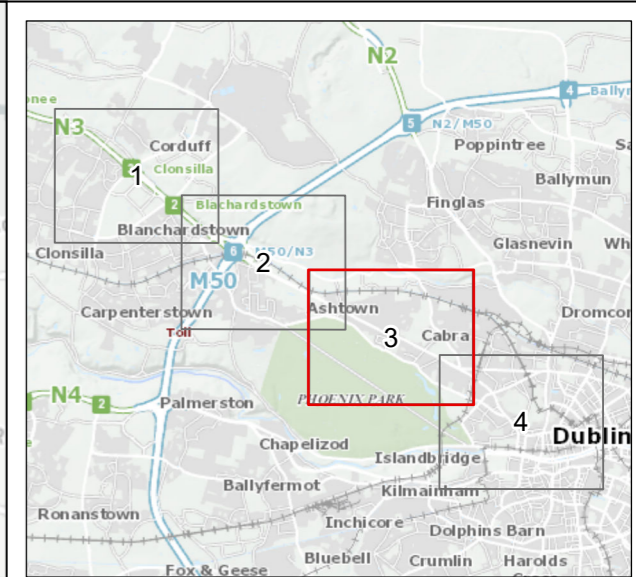
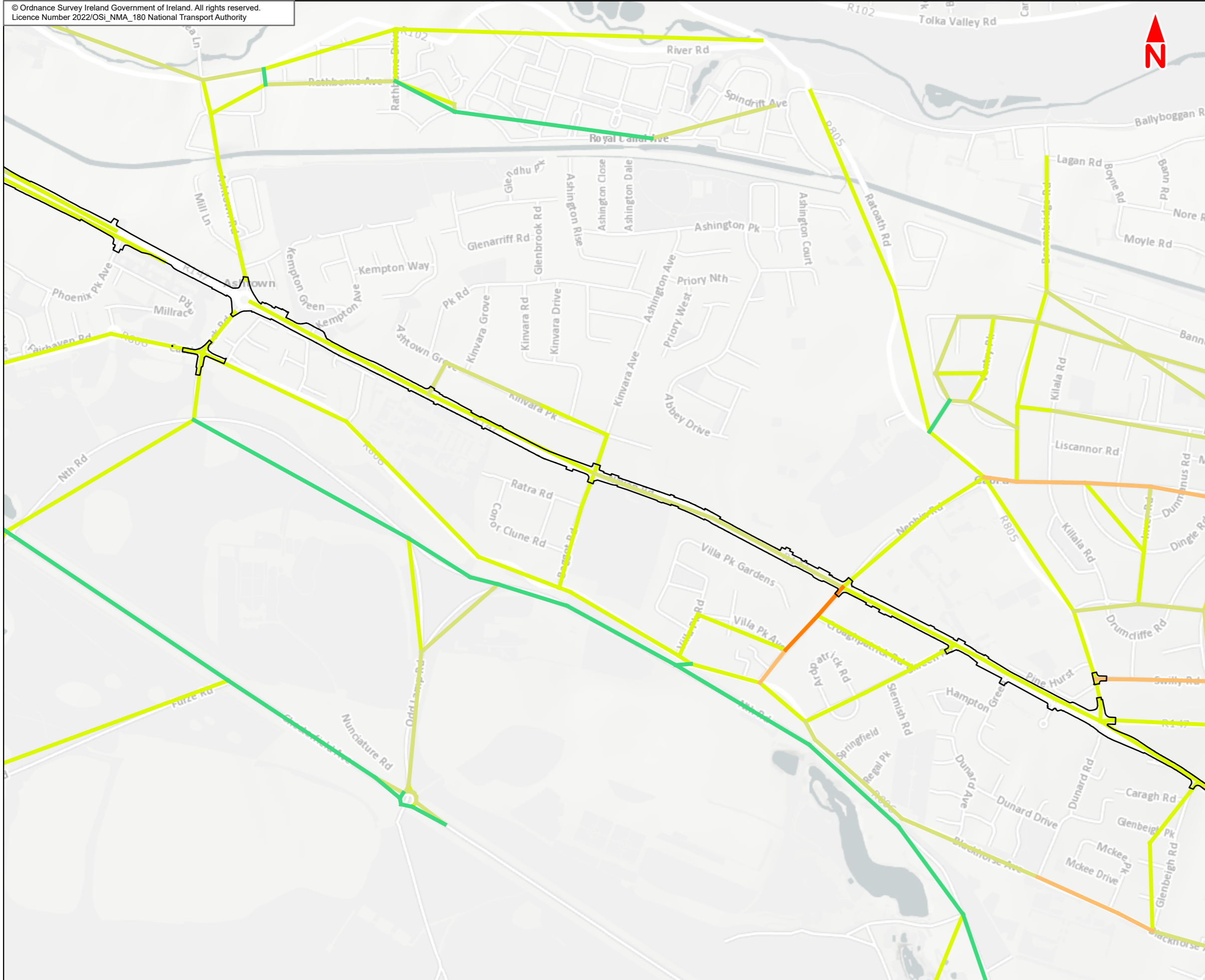
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Consultant  
**JACOBS**  
**ARUP SYSTRA**

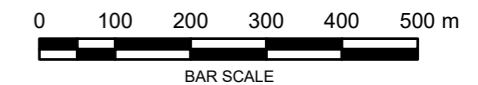
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| Drawing Title<br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>  |                        |              |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.4<br>Opening Year 2028<br>Traffic Noise Impact Summary |                        |              |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0502  | Sheet Number<br>2 of 4 | Status<br>S3 | Rev<br>M01 |  |

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|-----------------------|------------------------|--------------|---------------|----------------|
| Date<br>11/03/2022    | Scale @ A3<br>1:10 000 | Drawn<br>HCH | Checked<br>SW | Approved<br>DK |
| Project Code<br>BCIDE | Originator Code<br>JAC | QMS Code     |               |                |



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Overall Significance**
- Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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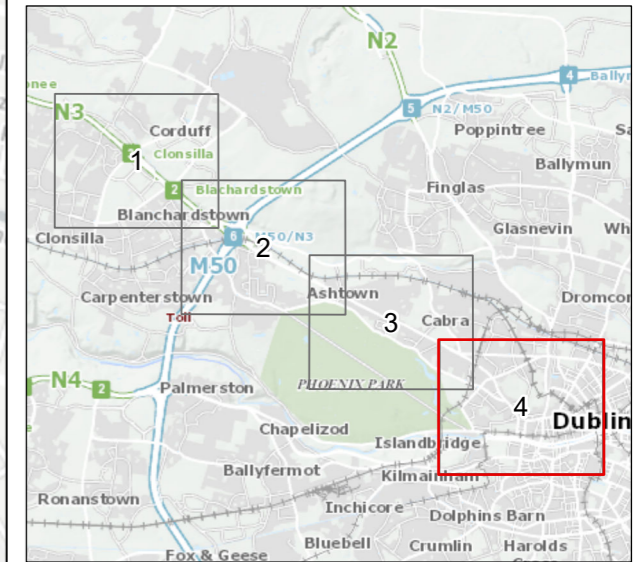
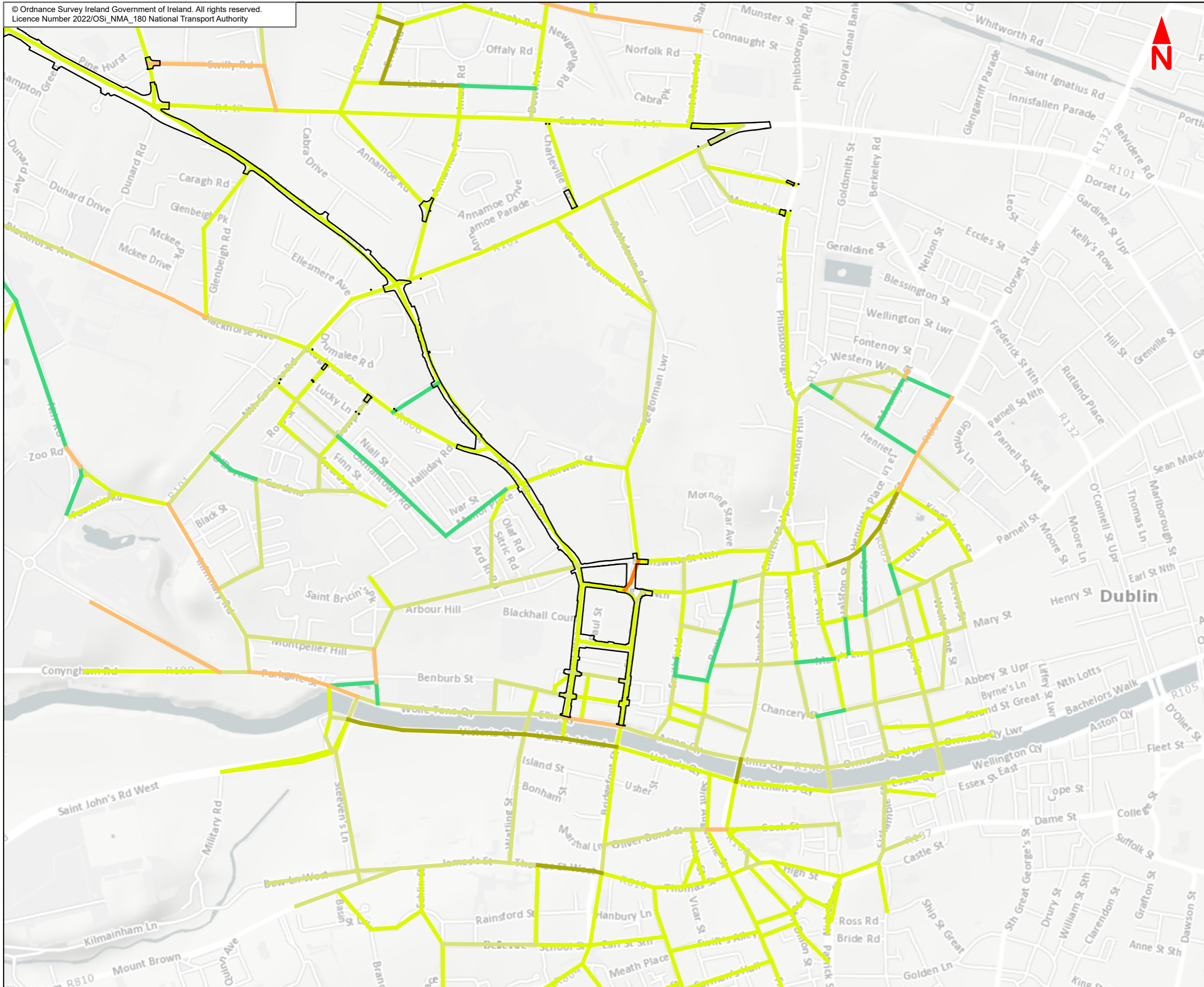
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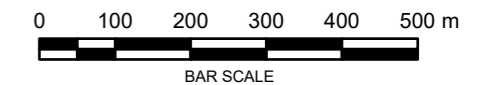
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| Client<br><b>NTA</b><br>Udárás Náisiúnta Iompair<br>National Transport Authority |            | Consultant<br><b>JACOBS</b><br><b>ARUP SYSTRA</b> |          |          |
| Date   | 11/03/2022 | Scale @ A3  | 1:10 000 | Drawn    |
| Project Code   | BCIDE      | Originator Code                                   | JAC      | Checked  |
|  |            |   |          | Approved |
|  |            |   |          | DK       |

|   |  |              |        |        |
|---|--|--------------|--------|--------|
| Programme Title<br><b>BUSCONNECTS DUBLIN</b>                            |  |              |        |        |
| <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                          |  |              |        |        |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme |  |              |        |        |
| Figure 9.4  |  |              |        |        |
| Opening Year 2028   |  |              |        |        |
| Traffic Noise Impact Summary  |  |              |        |        |
| Drawing File Name   | BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0503 | Sheet Number | 3 of 4 | Status |
|   |  |              |        | S3     |
| Rev   | M01                                    |              |        |        |



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Overall Significance**
- Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
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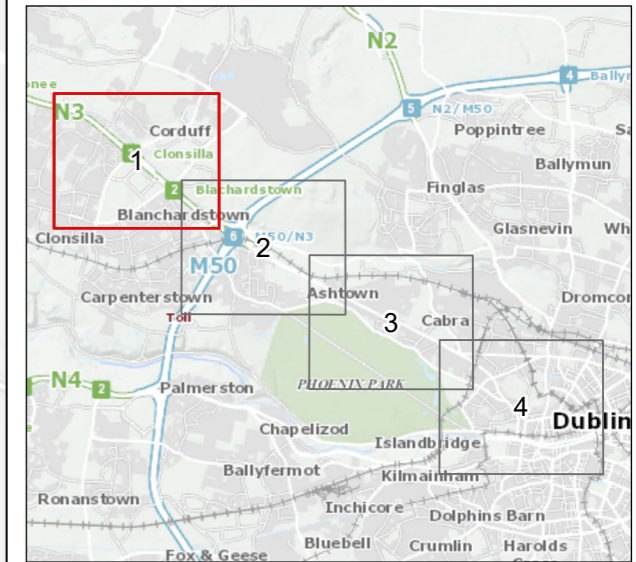
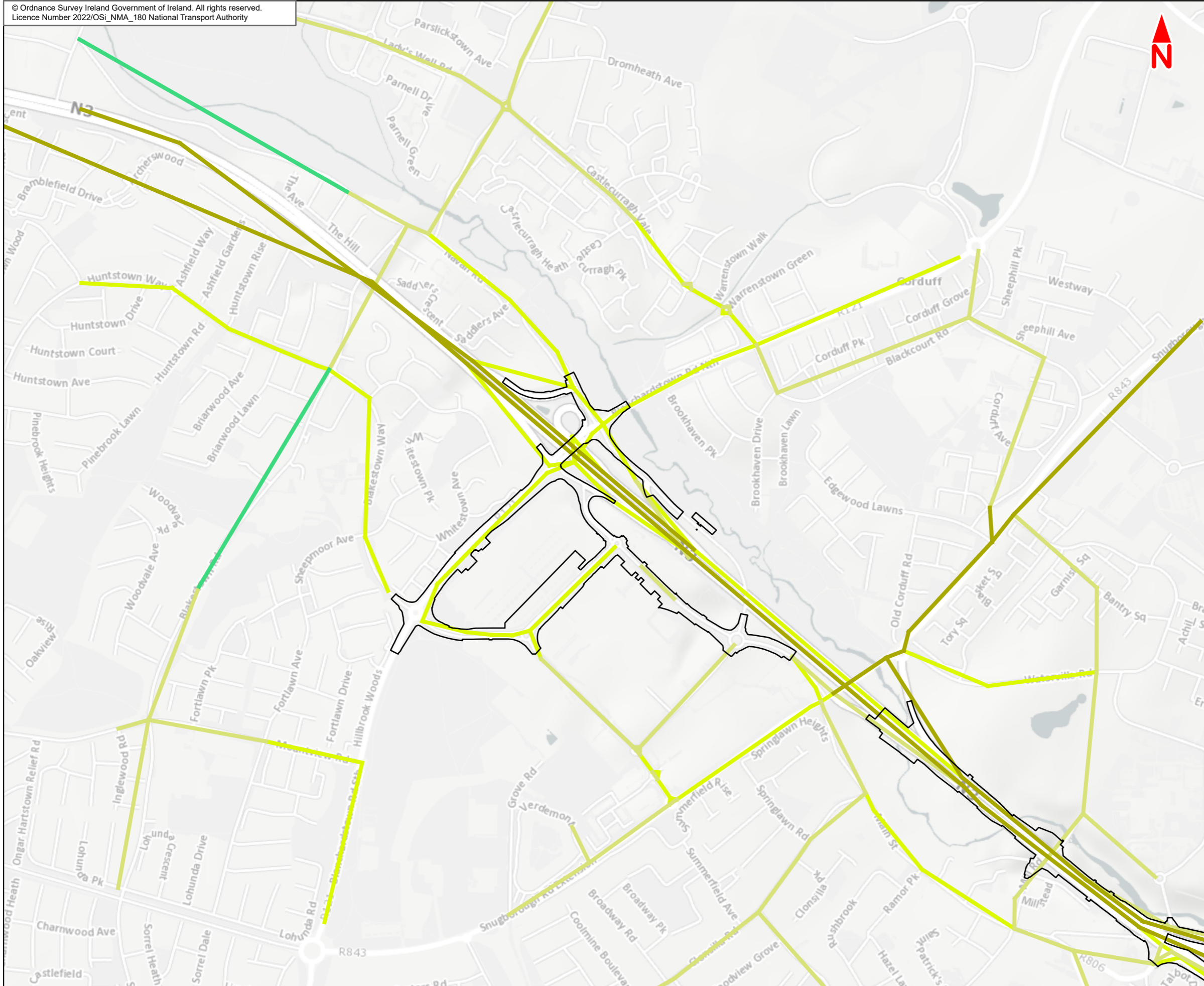
Consultant  
**JACOBS**  
**ARUP SYSTRA**

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| Drawing Title<br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>  |                        |              |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.4<br>Opening Year 2028<br>Traffic Noise Impact Summary |                        |              |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0504  | Sheet Number<br>4 of 4 | Status<br>S3 | Rev<br>M01 |  |

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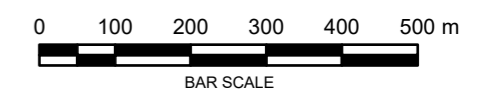


**9.5**  
Design Year 2043  
Traffic Noise Impact  
Summary



- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
- Overall Significance**
- Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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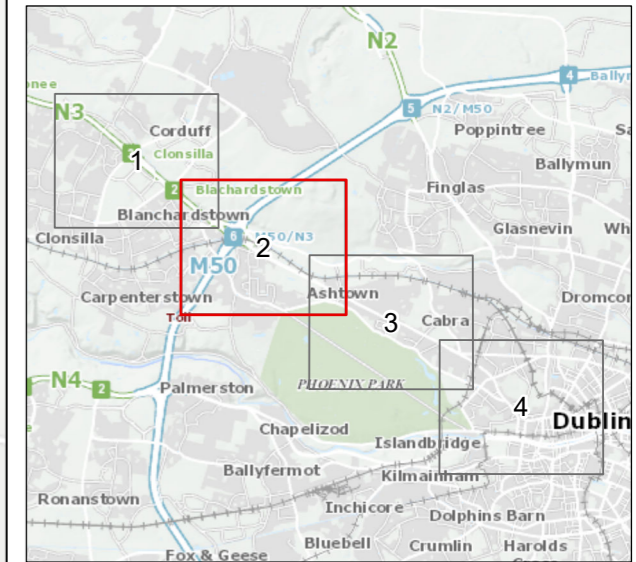
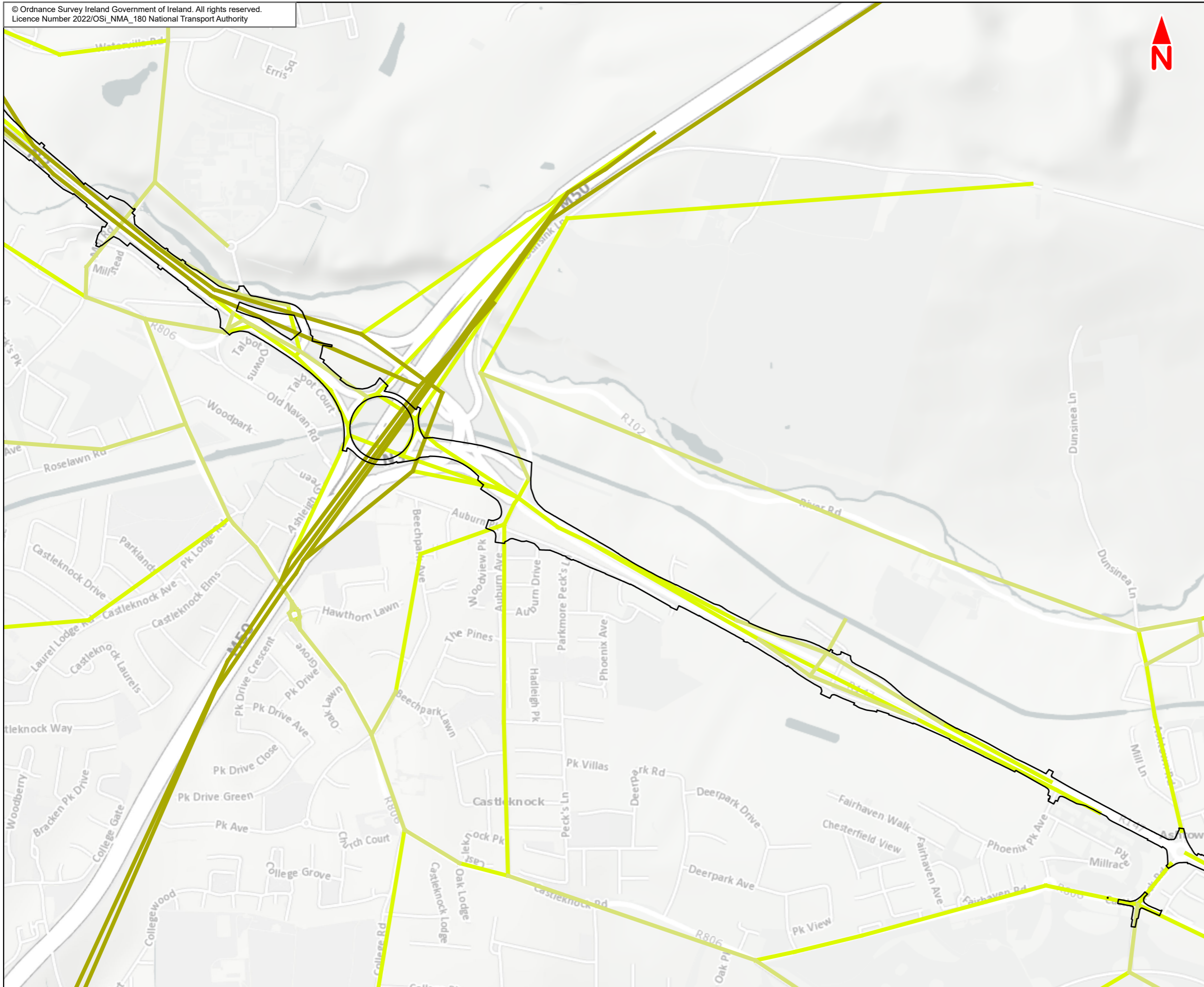
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National Transport Authority

Consultant  
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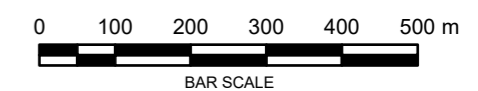
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| Programme Title<br><b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>  |                        |              |            |  |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.5<br>Design Year 2043<br>Traffic Noise Impact Summary |                        |              |            |  |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0601   | Sheet Number<br>1 of 4 | Status<br>S3 | Rev<br>M01 |  |

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| Project Code<br>BCIDE | Originator Code<br>JAC | QMS Code     |               |                |



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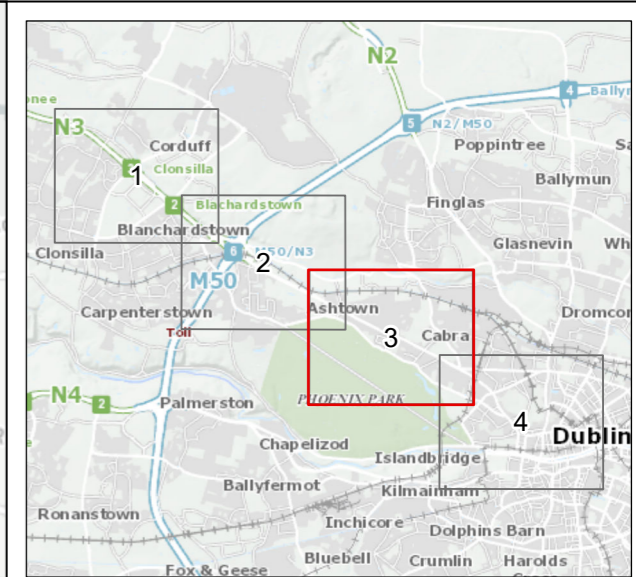
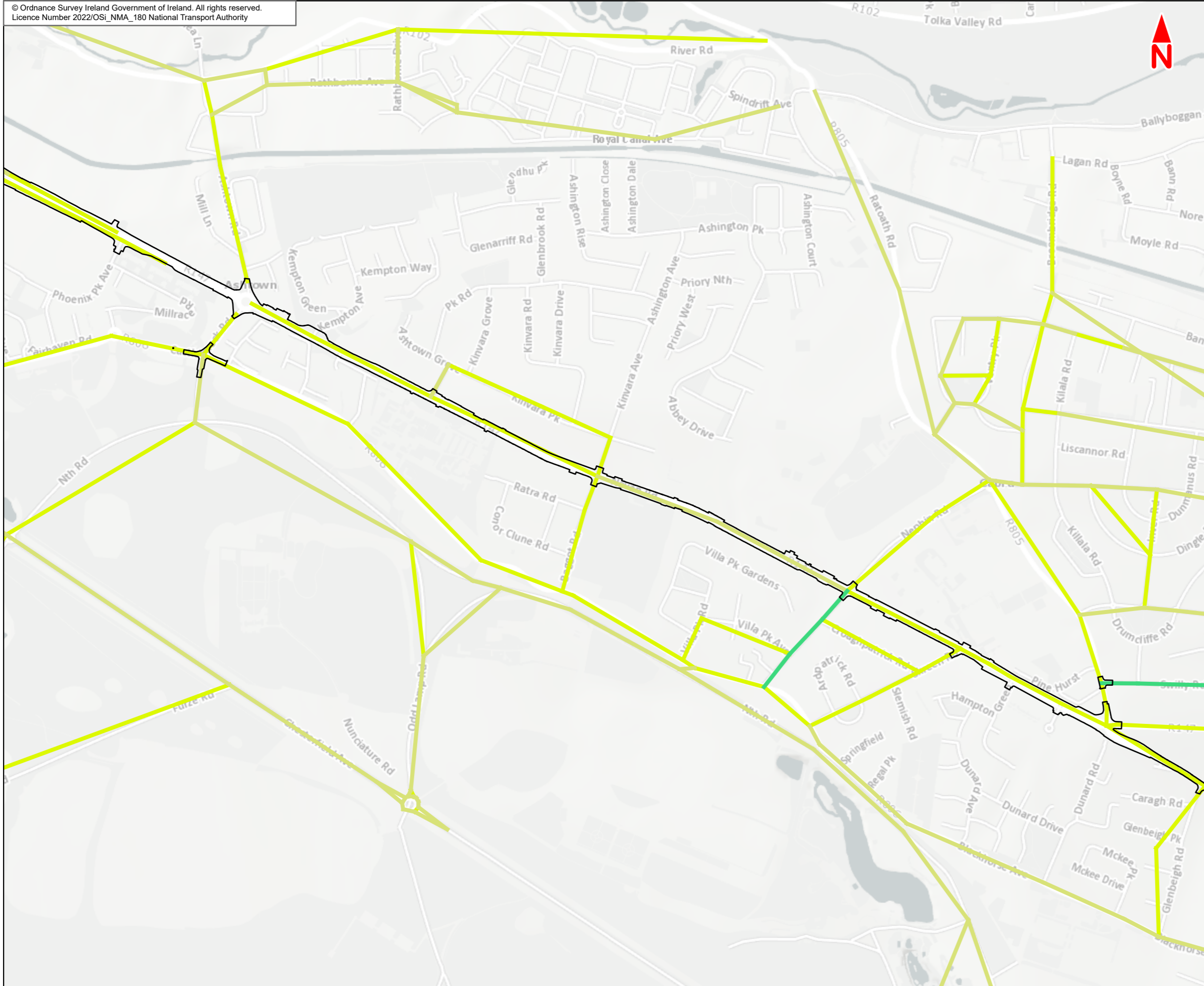
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|-----|----------|-----|-------|-------|-------------------|
| M01 | Feb 2022 | HCH | SW    | DK    | For Client Review |

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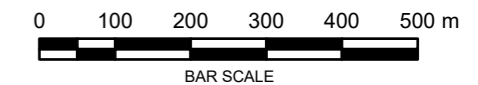
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| Programme Title<br><b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>  |                        |
| Drawing Title<br>Blanchardstown to City Centre Core Bus Corridor Scheme<br>Figure 9.5<br>Design Year 2043<br>Traffic Noise Impact Summary |                        |
| Drawing File Name<br>BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0602   | Sheet Number<br>2 of 4 |
| Status<br>S3  | Rev<br>M01             |

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| Date<br>11/03/2022    | Scale @ A3<br>1:10 000 | Drawn<br>HCH | Checked<br>SW | Approved<br>DK |
| Project Code<br>BCIDE | Originator Code<br>JAC | QMS Code     |               |                |



- Legend :**
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|-----|----------|-----|-------|-------|-------------------|
| M01 | Feb 2022 | HCH | SW    | DK    | For Client Review |

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

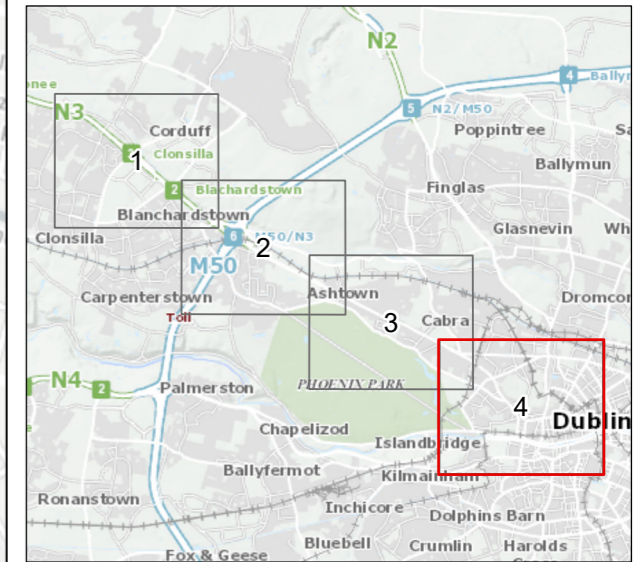
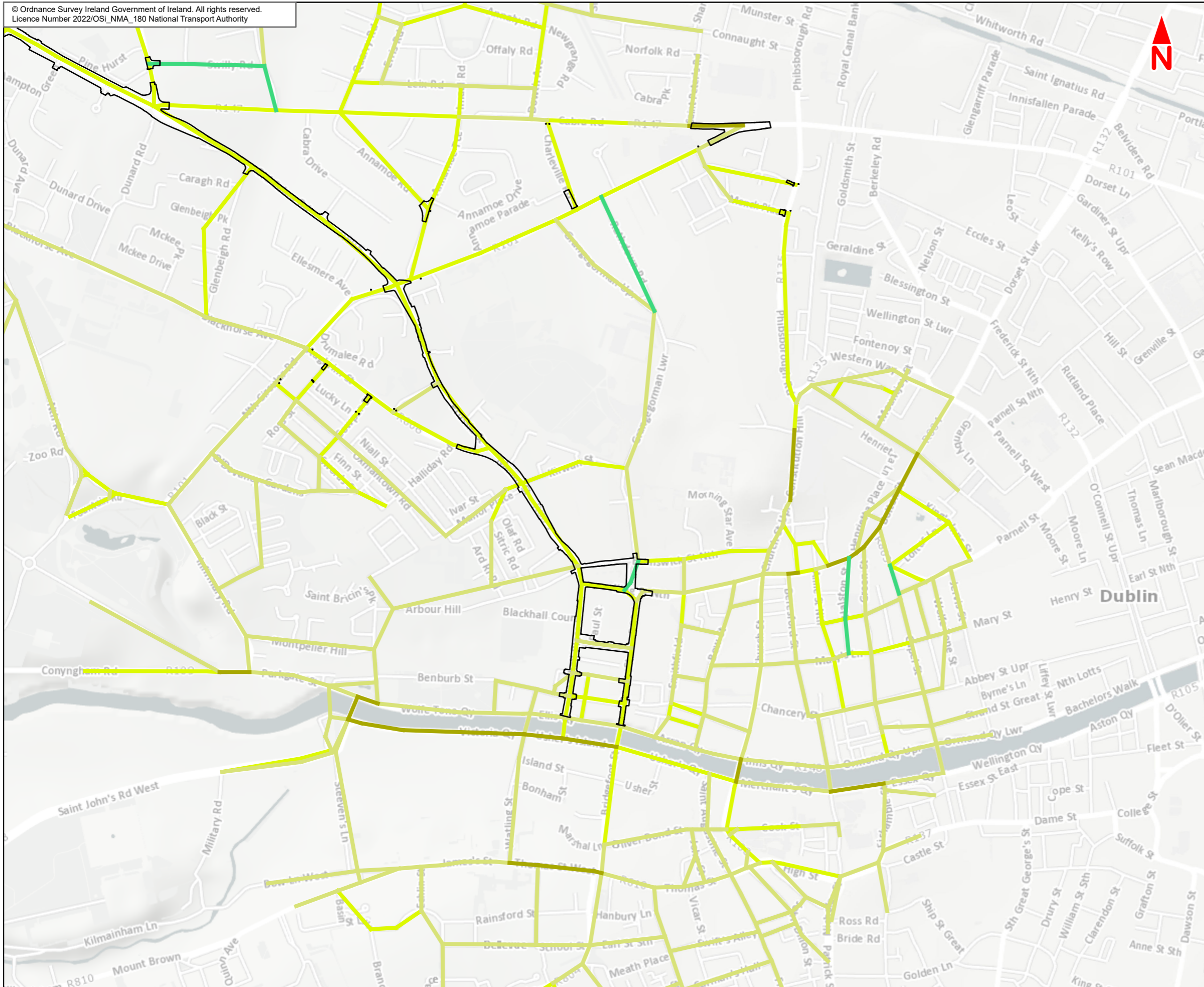
Consultant: **JACOBS ARUP SYSTRA**

Date: 11/03/2022 | Scale @ A3: 1:10 000  
Project Code: BCIDE | Originator Code: JAC

Drawn: HCH | Checked: SW | Approved: DK

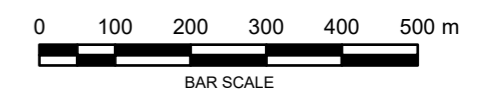
|   |                      |            |          |
|---|----------------------|------------|----------|
| Programme Title: <b>BUSCONNECTS DUBLIN</b>                            |                      |            |          |
| Drawing Title: <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>         |                      |            |          |
| Drawing Title: Blanchardstown to City Centre Core Bus Corridor Scheme |                      |            |          |
| Figure 9.5  |                      |            |          |
| Design Year 2043  |                      |            |          |
| Traffic Noise Impact Summary  |                      |            |          |
| Drawing File Name: BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0603             | Sheet Number: 3 of 4 | Status: S3 | Rev: M01 |





- Legend :**
- Blanchardstown to City Centre Core Bus Corridor Scheme
  - Overall Significance**
  - Imperceptible / Positive
  - Not Significant
  - Not Significant - Slight
  - Slight
  - Slight - Moderate
  - Moderate
  - Moderate - Significant

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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.  
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Transverse Mercator Grid (ITM) as defined by OSI active local GFS station.  
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| Rev | Date     | Drn | Chk'd | App'd | Description       |
|-----|----------|-----|-------|-------|-------------------|
| M01 | Feb 2022 | HCH | SW    | DK    | For Client Review |

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|   |              |        |     |
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| Programme Title: <b>BUSCONNECTS DUBLIN</b>                    |              |        |     |
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| Blanchardstown to City Centre Core Bus Corridor Scheme        |              |        |     |
| Figure 9.5  |              |        |     |
| Design Year 2043  |              |        |     |
| Traffic Noise Impact Summary                                  |              |        |     |
| Drawing File Name   | Sheet Number | Status | Rev |
| BCIDE-JAC-ENV_NV-0005_XX_00-DR-GG-0604                        | 4 of 4       | S3     | M01 |