

# IMMINGHAM EASTERN RO-RO TERMINAL



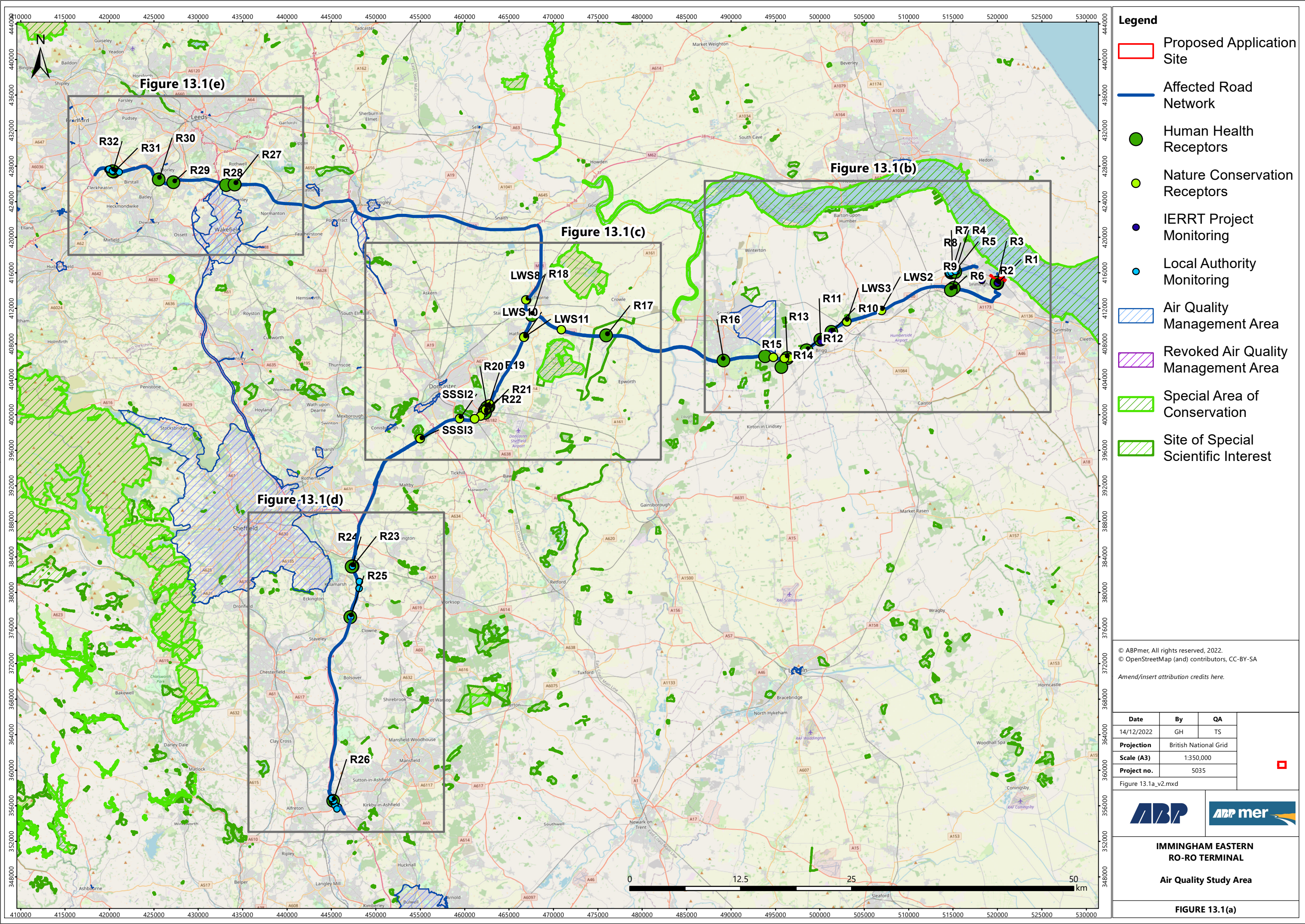
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PINS Reference – TR030007

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- Legend**
- Proposed Application Site
  - Affected Road Network
  - Human Health Receptors
  - Nature Conservation Receptors
  - IERRT Project Monitoring
  - Local Authority Monitoring
  - Air Quality Management Area
  - Revoked Air Quality Management Area
  - Special Area of Conservation
  - Site of Special Scientific Interest

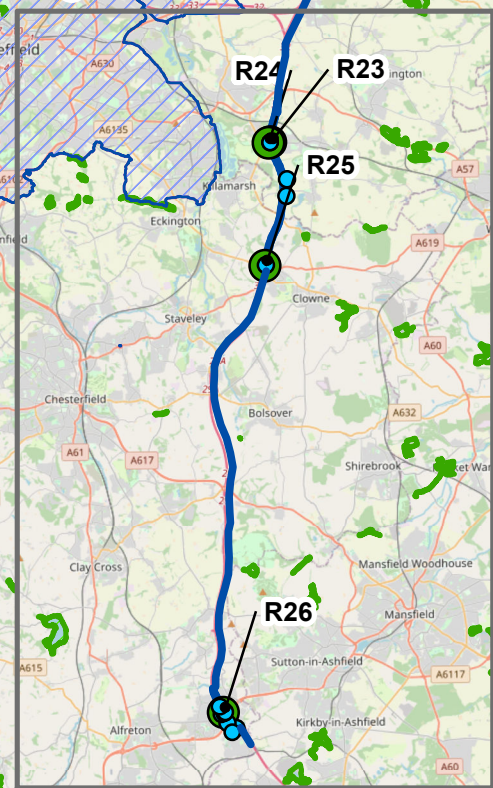
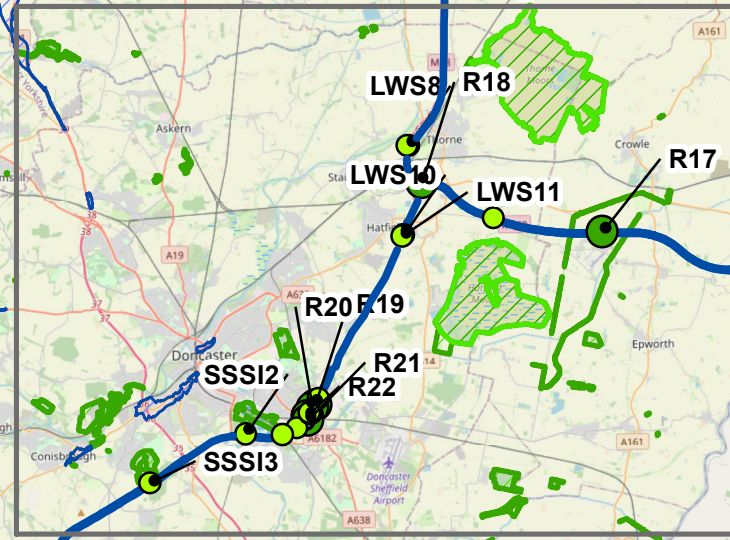
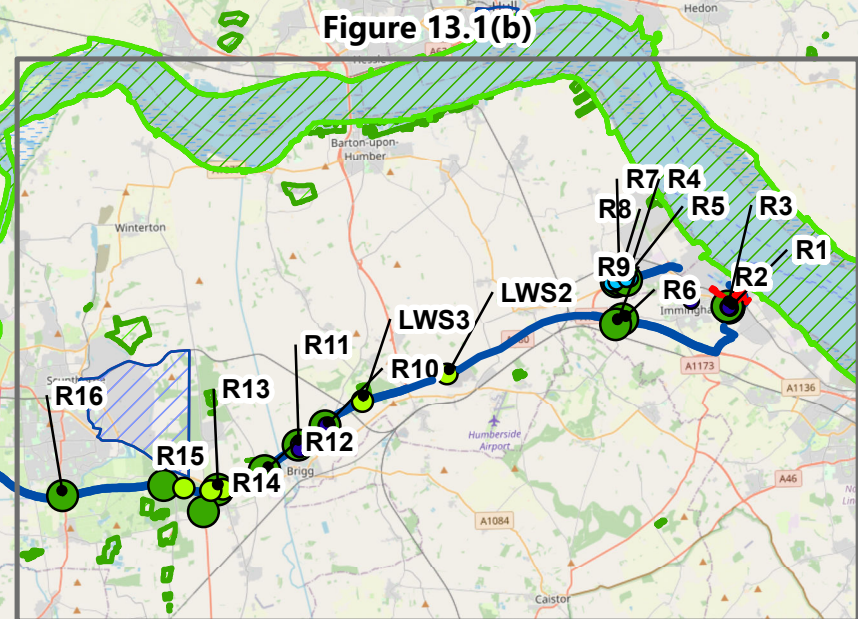
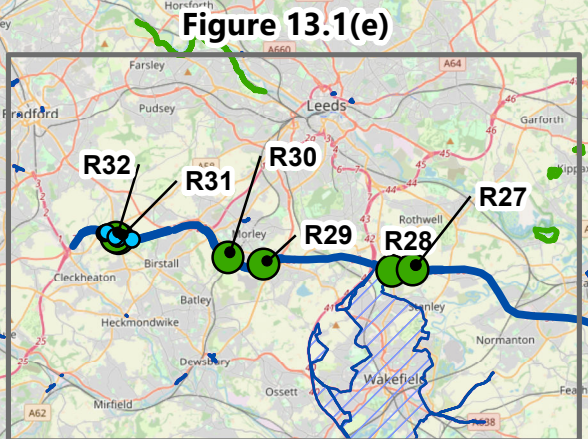
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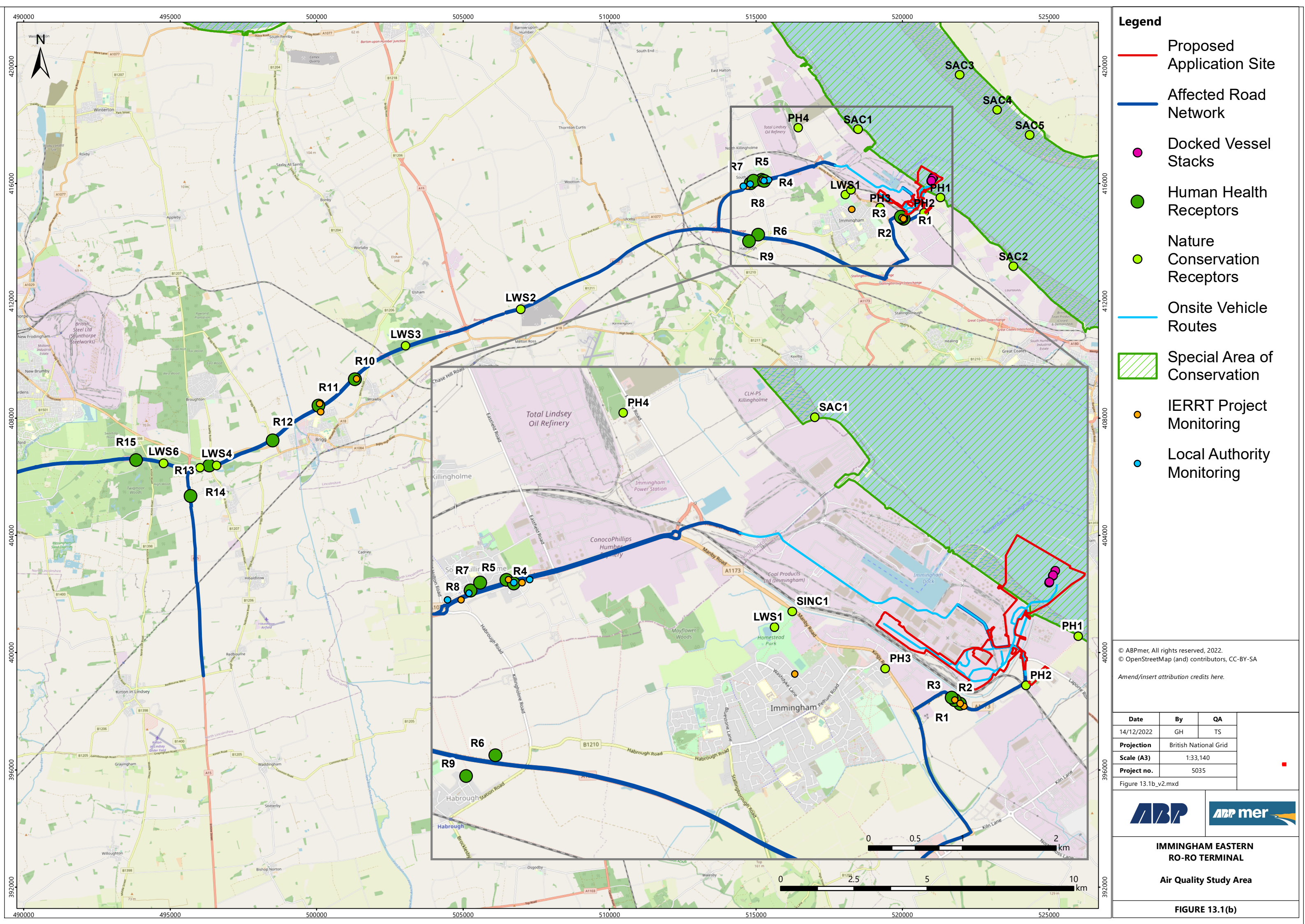
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<b>Project no.</b>	5035	



**IMMINGHAM EASTERN  
 RO-RO TERMINAL**  
**Air Quality Study Area**

**FIGURE 13.1(a)**





- Legend**
- Proposed Application Site
  - Affected Road Network
  - Docked Vessel Stacks
  - Human Health Receptors
  - Nature Conservation Receptors
  - Onsite Vehicle Routes
  - Special Area of Conservation
  - IERRT Project Monitoring
  - Local Authority Monitoring

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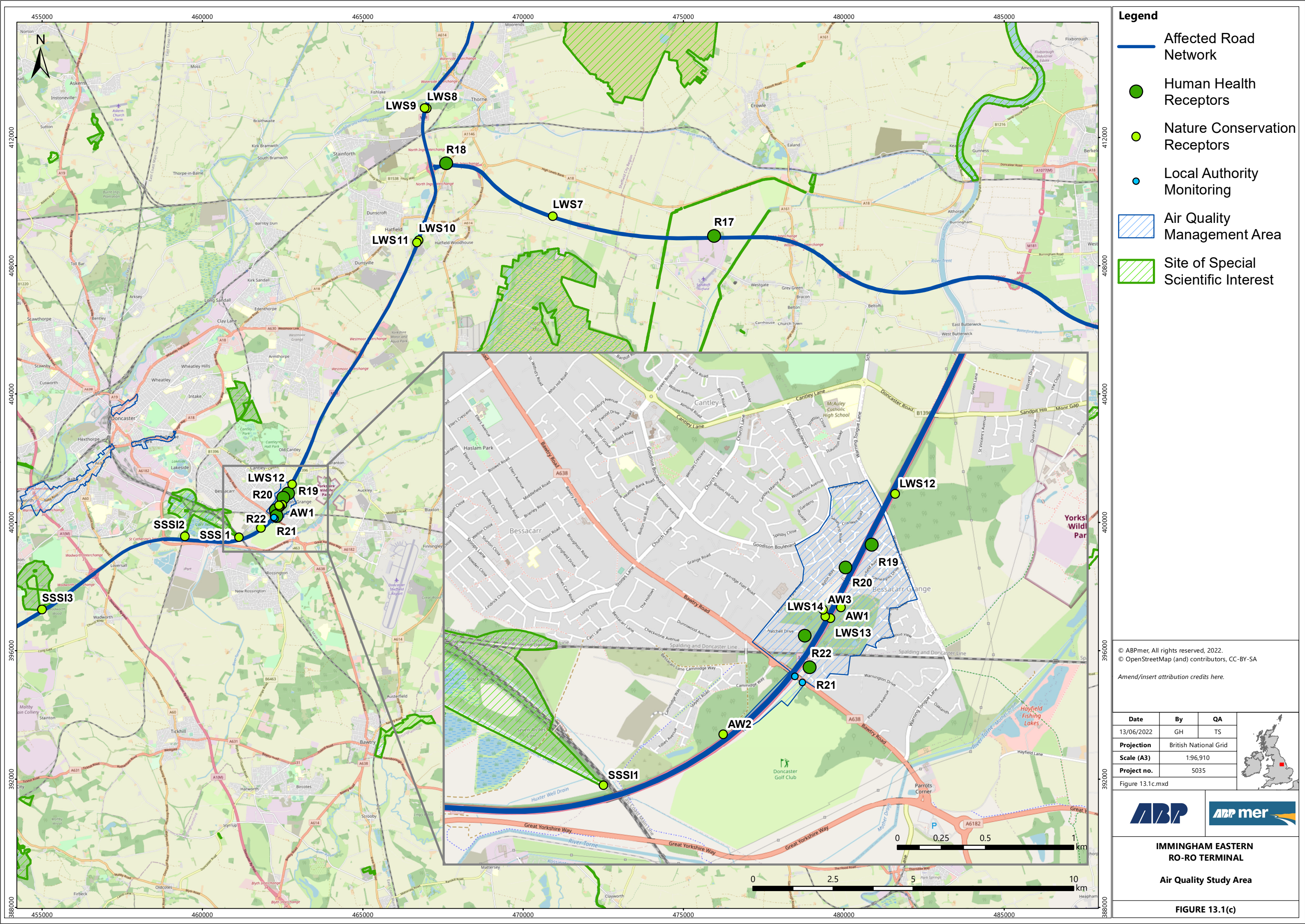
Figure 13.1b\_v2.mxd



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 RO-RO TERMINAL**

**Air Quality Study Area**

**FIGURE 13.1(b)**



- Legend**
- Affected Road Network
  - Human Health Receptors
  - Nature Conservation Receptors
  - Local Authority Monitoring
  - Air Quality Management Area
  - Site of Special Scientific Interest

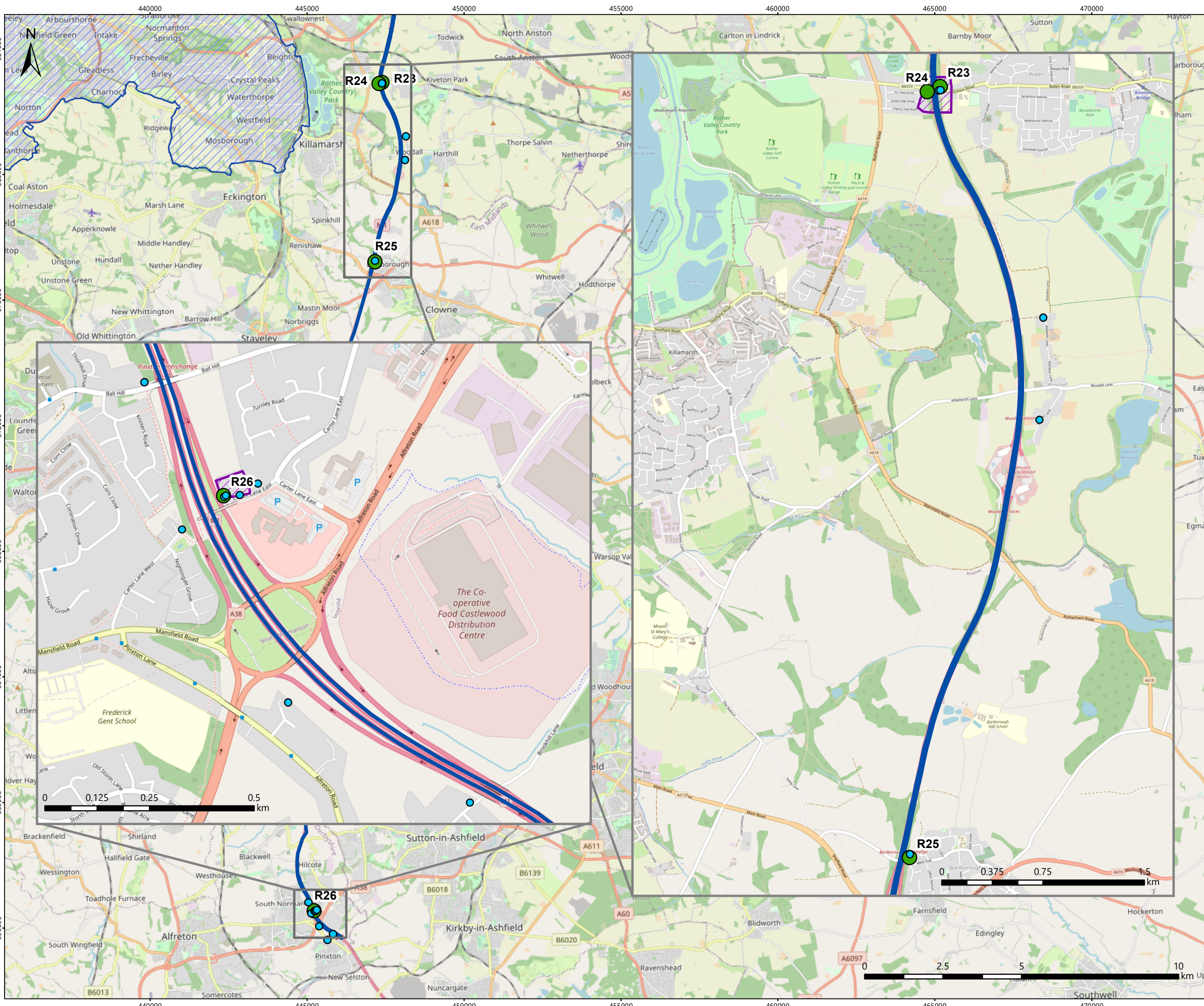
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Figure 13.1.c.mxd		



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**Air Quality Study Area**

**FIGURE 13.1(c)**

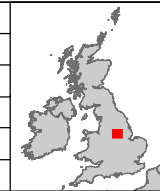


- Legend**
- Affected Road Network
  - Human Health Receptors
  - Local Authority Monitoring
  - Air Quality Management Area
  - Revoked Air Quality Management Area

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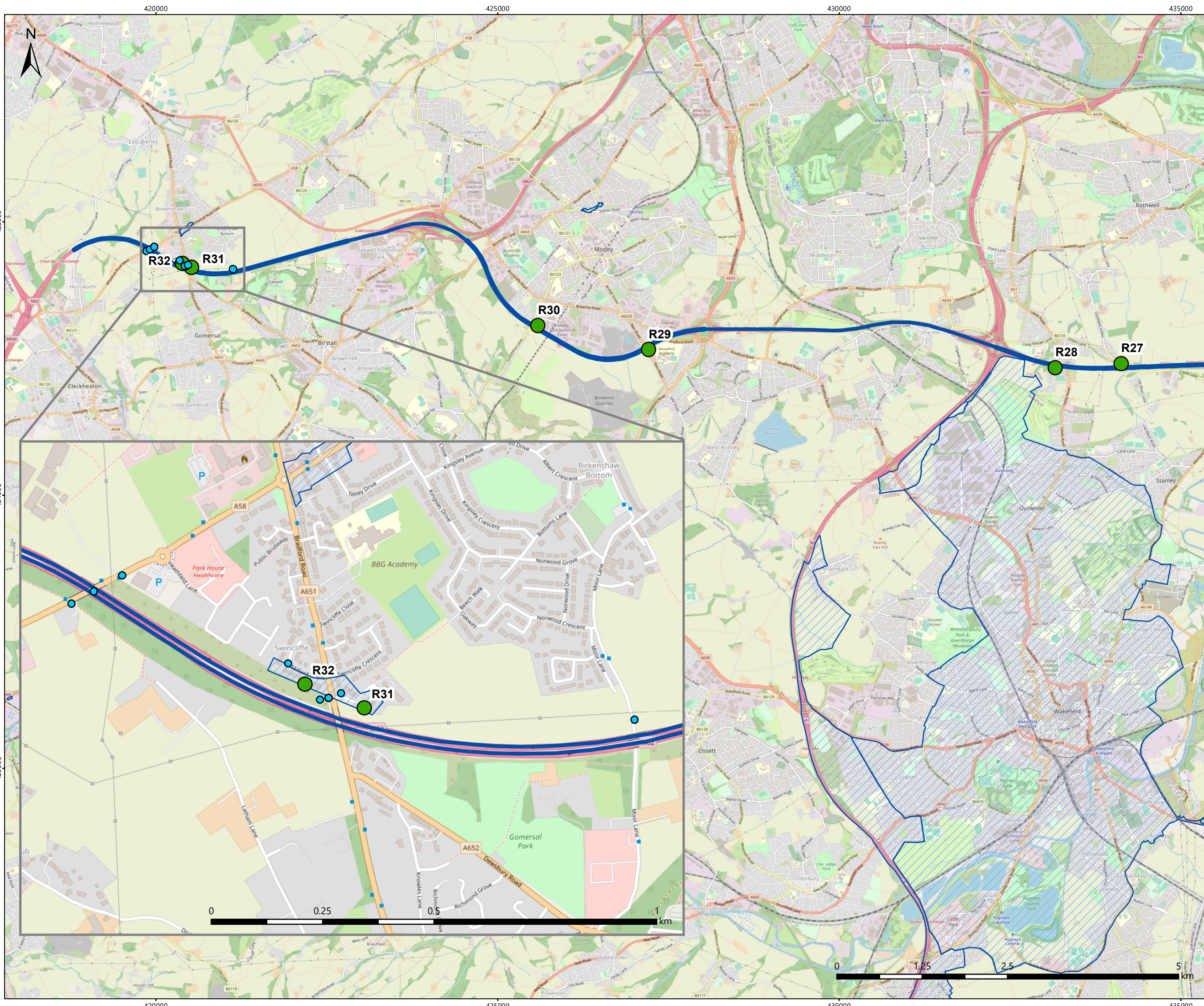
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<b>Project no.</b>	5035	




Figure 13.1.d.mxd



**IMMINGHAM EASTERN  
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 Air Quality Study Area

**FIGURE 13.1(d)**

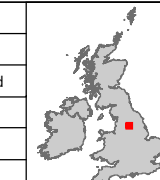


- Legend**
-  Affected Road Network
  -  Human Health Receptors
  -  Local Authority Monitoring
  -  Air Quality Management Area

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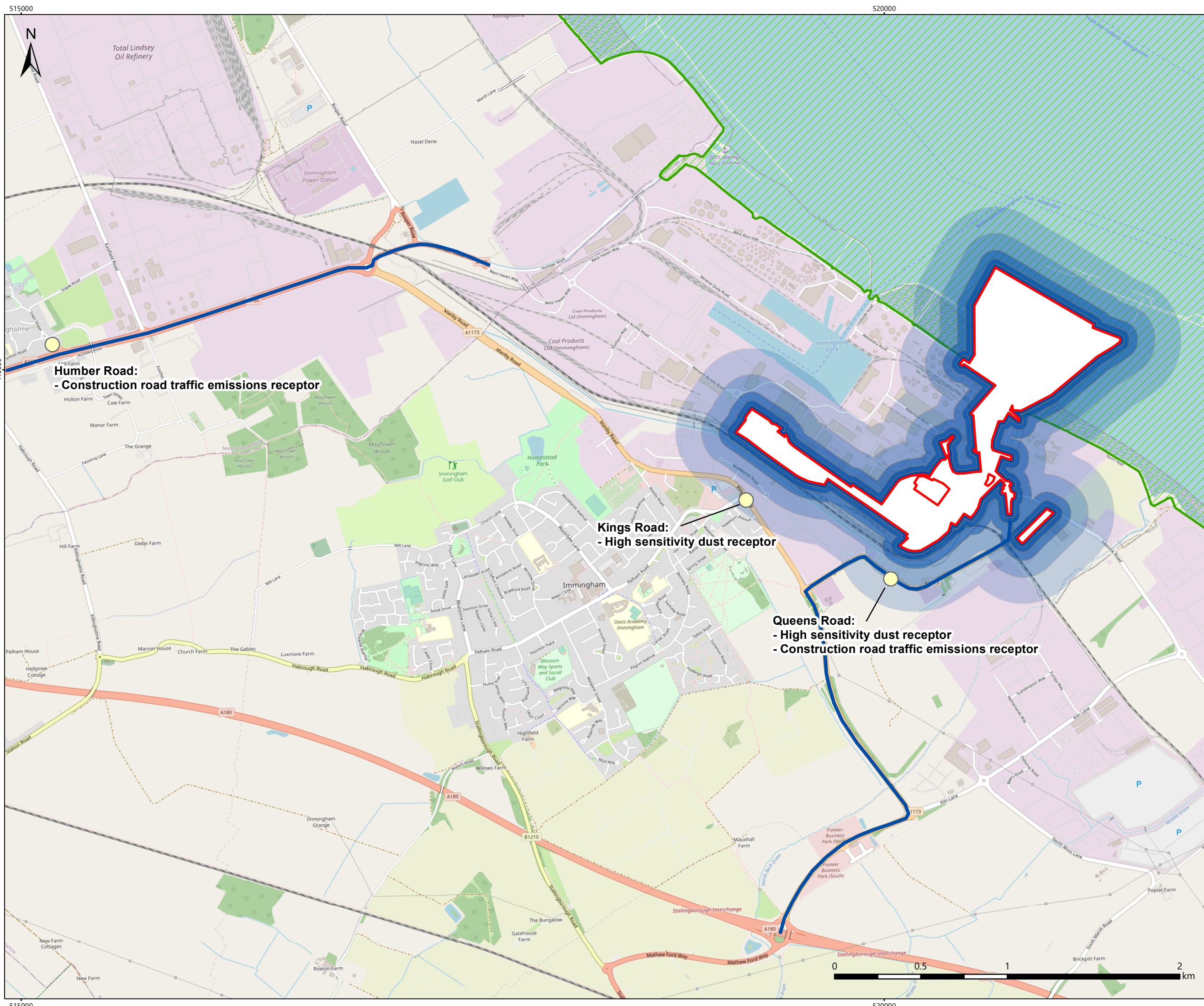
Figure 13.1e.mxd



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 RO-RO TERMINAL**

**Air Quality Study Area**

**FIGURE 13.1(e)**



- Legend**
- Proposed Application Site
  - 0 - 20m of Site Boundary
  - 20 - 50m of Site Boundary
  - 50 - 100m of Site Boundary
  - 100 - 200m of Site Boundary
  - 200 - 350m of Site Boundary
  - Special Area of Conservation
  - Representative Construction Phase Receptor
  - Modelled Construction Traffic Route

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Figure 13.2\_v3.mxd



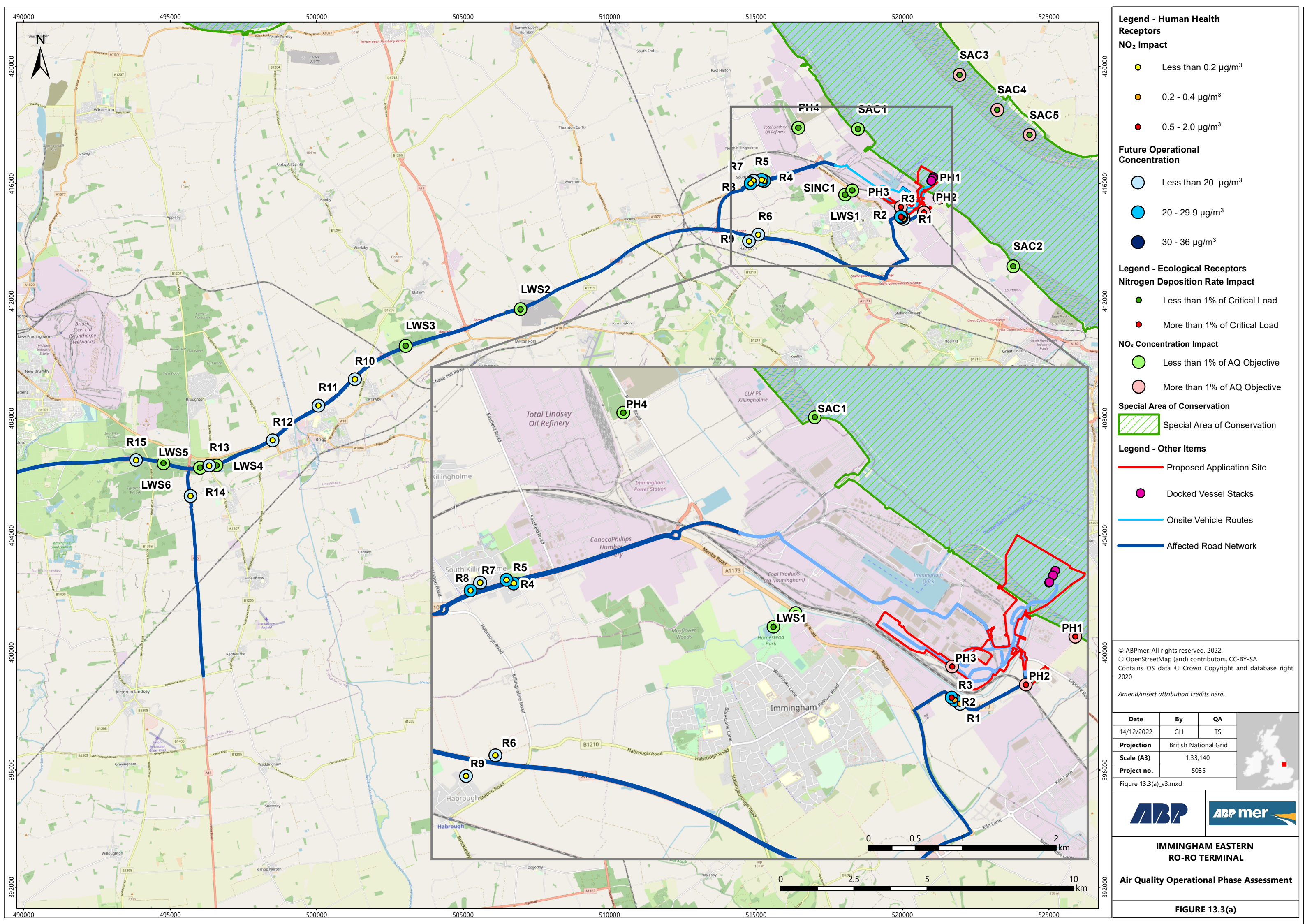
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**Construction Phase Assessment**

**FIGURE 13.2**







- Legend - Human Health Receptors**
- NO<sub>2</sub> Impact**
- Less than 0.2 µg/m<sup>3</sup>
  - 0.2 - 0.4 µg/m<sup>3</sup>
  - 0.5 - 2.0 µg/m<sup>3</sup>
- Future Operational Concentration**
- Less than 20 µg/m<sup>3</sup>
  - 20 - 29.9 µg/m<sup>3</sup>
  - 30 - 36 µg/m<sup>3</sup>
- Legend - Ecological Receptors**
- Nitrogen Deposition Rate Impact**
- Less than 1% of Critical Load
  - More than 1% of Critical Load
- NO<sub>x</sub> Concentration Impact**
- Less than 1% of AQ Objective
  - More than 1% of AQ Objective
- Special Area of Conservation**
- Special Area of Conservation
- Legend - Other Items**
- Proposed Application Site
  - Docked Vessel Stacks
  - Onsite Vehicle Routes
  - Affected Road Network

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Figure 13.3(a)\_v3.mxd

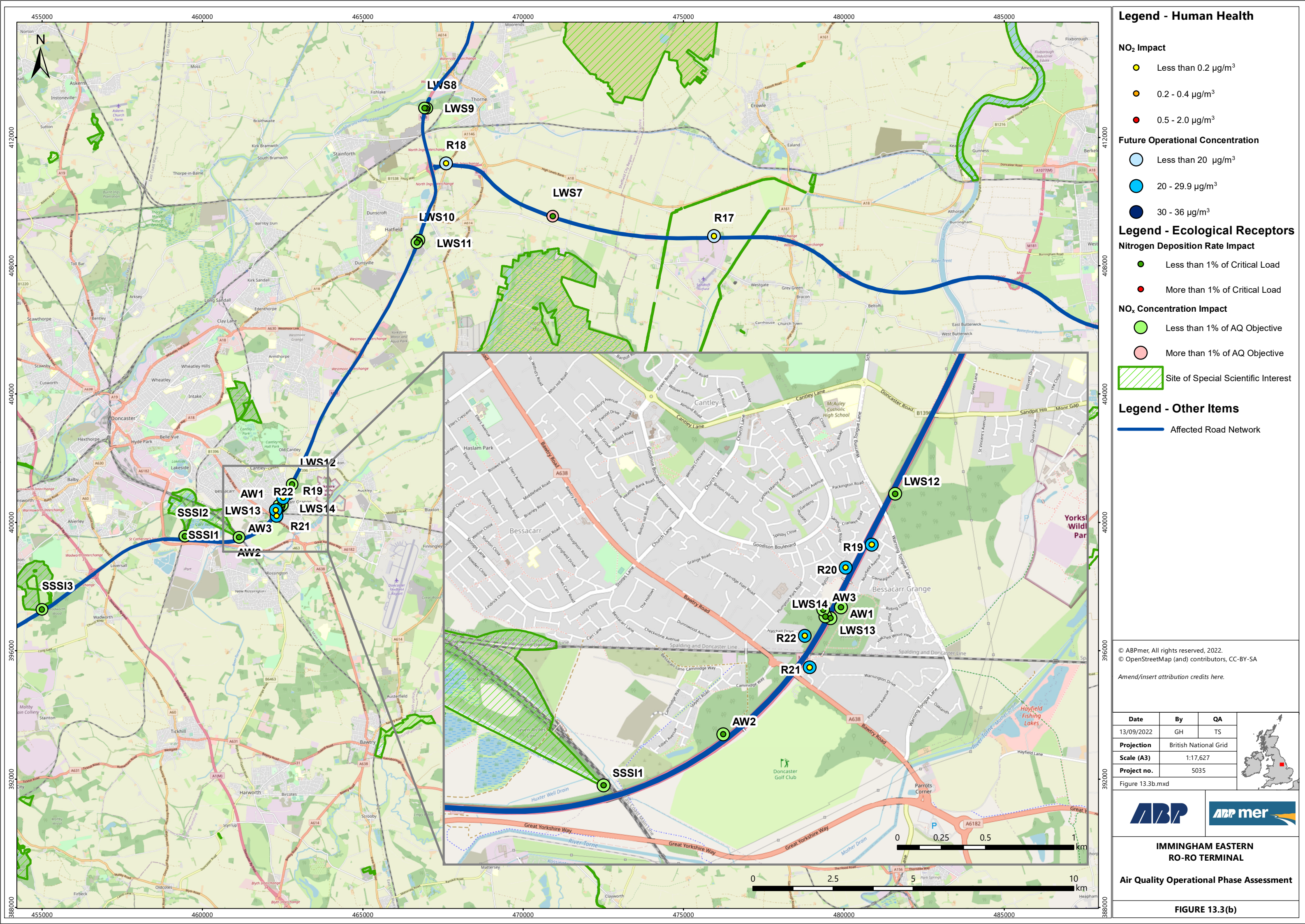


**IMMINGHAM EASTERN RO-RO TERMINAL**

**Air Quality Operational Phase Assessment**

**FIGURE 13.3(a)**





**Legend - Human Health**

**NO<sub>2</sub> Impact**

- Less than 0.2 µg/m<sup>3</sup>
- 0.2 - 0.4 µg/m<sup>3</sup>
- 0.5 - 2.0 µg/m<sup>3</sup>

**Future Operational Concentration**

- Less than 20 µg/m<sup>3</sup>
- 20 - 29.9 µg/m<sup>3</sup>
- 30 - 36 µg/m<sup>3</sup>

**Legend - Ecological Receptors**

**Nitrogen Deposition Rate Impact**

- Less than 1% of Critical Load
- More than 1% of Critical Load

**NO<sub>x</sub> Concentration Impact**

- Less than 1% of AQ Objective
- More than 1% of AQ Objective

**Legend - Other Items**

- Site of Special Scientific Interest
- Affected Road Network

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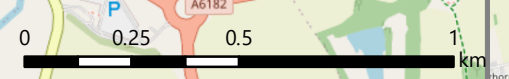
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Figure 13.3b.mxd		

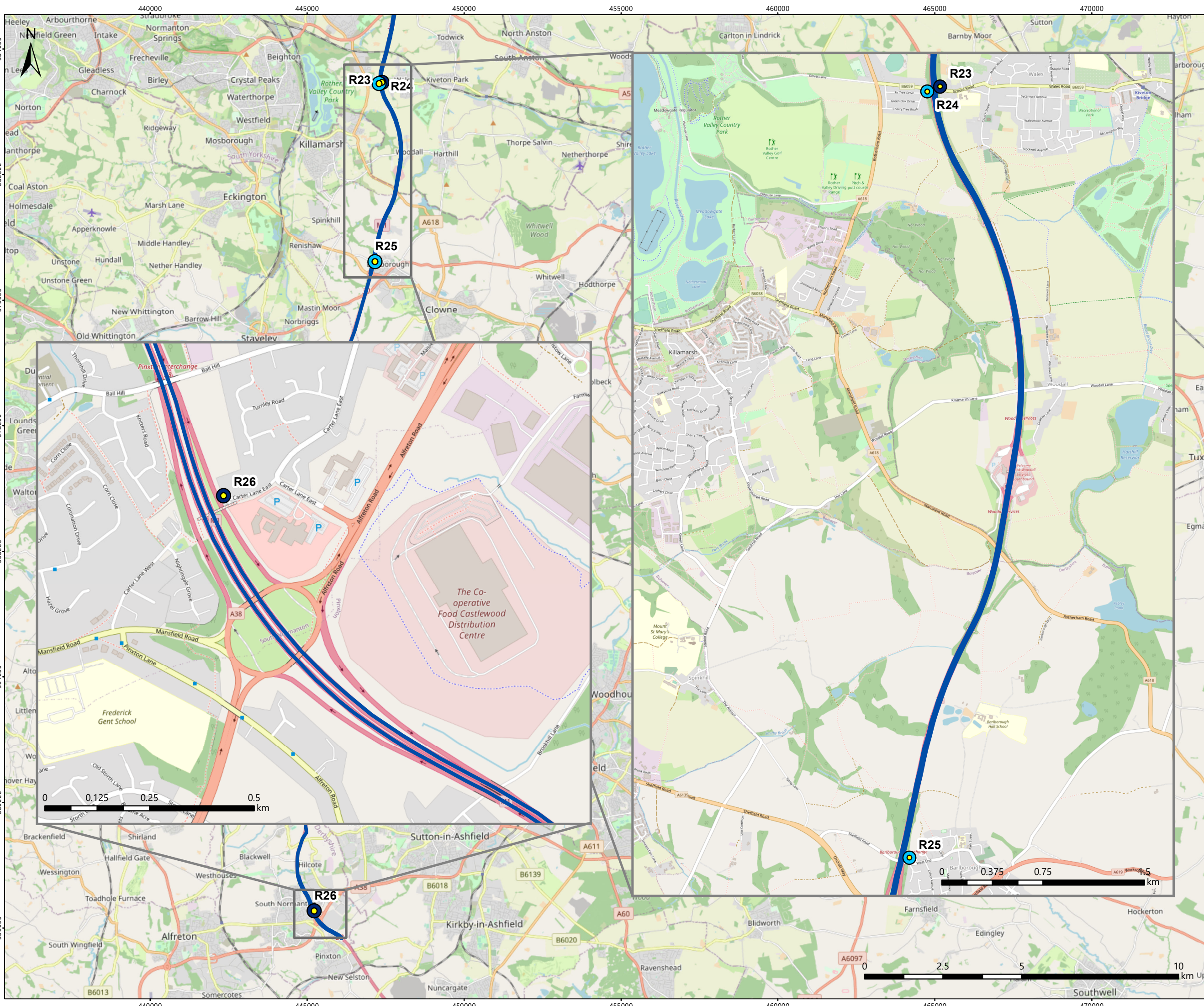


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**Air Quality Operational Phase Assessment**

**FIGURE 13.3(b)**



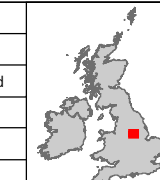


- Legend - Human Health Receptors**
- NO<sub>2</sub> Impact**
- Less than 0.2 µg/m<sup>3</sup>
  - 0.2 - 0.4 µg/m<sup>3</sup>
  - 0.5 - 2.0 µg/m<sup>3</sup>
- Future Operational Concentration**
- Less than 20 µg/m<sup>3</sup>
  - 20 - 29.9 µg/m<sup>3</sup>
  - 30 - 36 µg/m<sup>3</sup>
- Legend - Other Items**
- Affected Road Network

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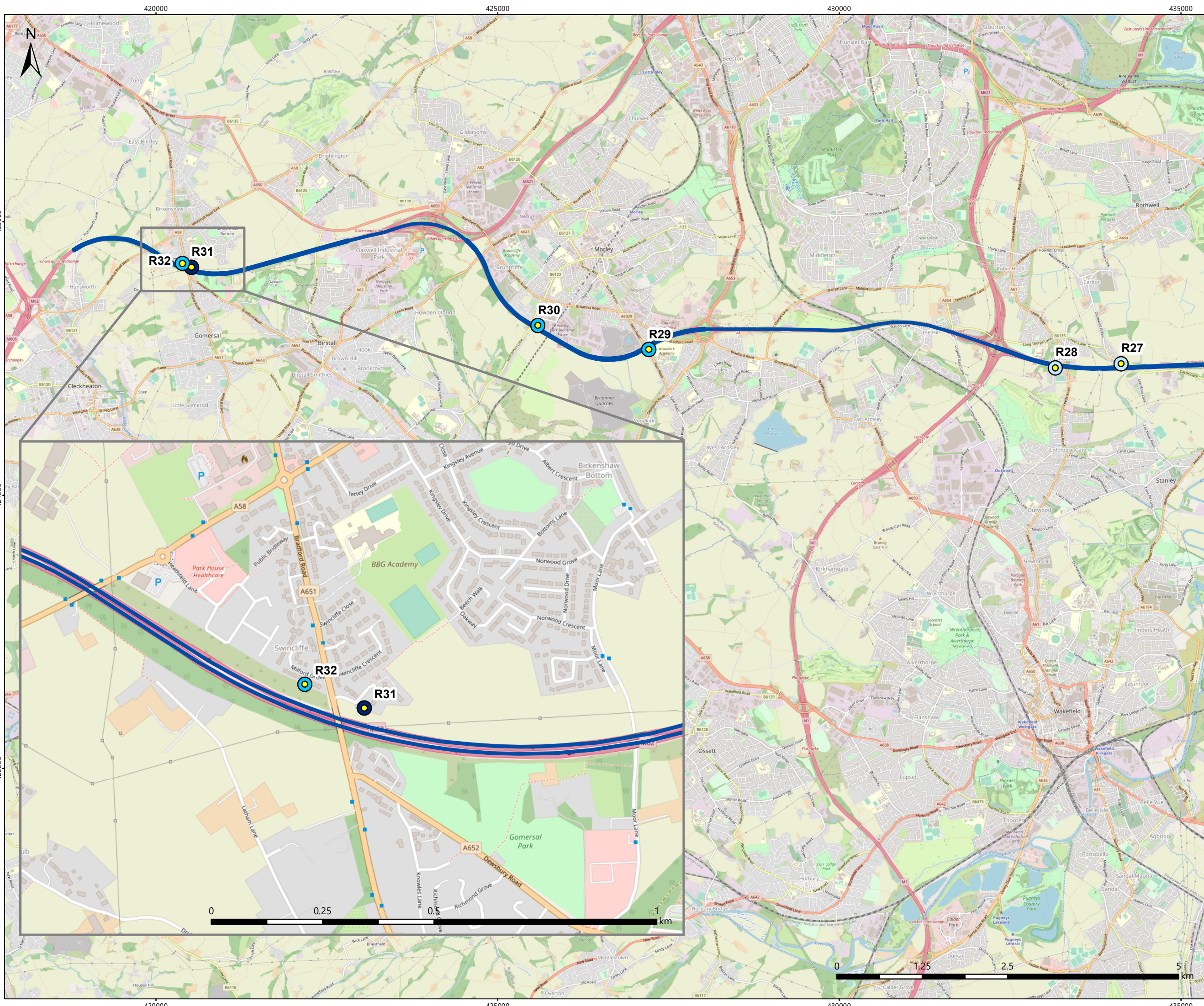
Figure 13.3.c.mxd



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**Air Quality Operational Phase Assessment**

**FIGURE 13.3(c)**



### Legend - Human Health Receptors

- NO<sub>2</sub> Impact**
- Less than 0.2 µg/m<sup>3</sup>
  - 0.2 - 0.4 µg/m<sup>3</sup>
  - 0.5 - 2.0 µg/m<sup>3</sup>

- Future Operational Concentration**
- Less than 20 µg/m<sup>3</sup>
  - 20 - 29.9 µg/m<sup>3</sup>
  - 30 - 36 µg/m<sup>3</sup>

- Legend - Other Items**
- Affected Road Network

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**Air Quality Operational Phase Assessment**

**FIGURE 13.3(d)**