

A46 Coventry Junctions (Walsgrave)

Scheme Number: TR010066

6.2 Environmental Statement Figures

Figures 5.9 - 5.11

APFP Regulation 5(1)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations
2009

Volume 6

November 2024

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

A46 Coventry Junctions (Walsgrave)
Development Consent Order 202[x]

ENVIRONMENTAL STATEMENT FIGURES
Figures 5.9 - 5.11

Regulation Number	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010066
Application Document Reference	TR010066/APP/6.2
Author	A46 Coventry Junctions (Walsgrave) Project Team, National Highways

Version	Date	Status of Version
Rev 0	November 2024	Application Issue

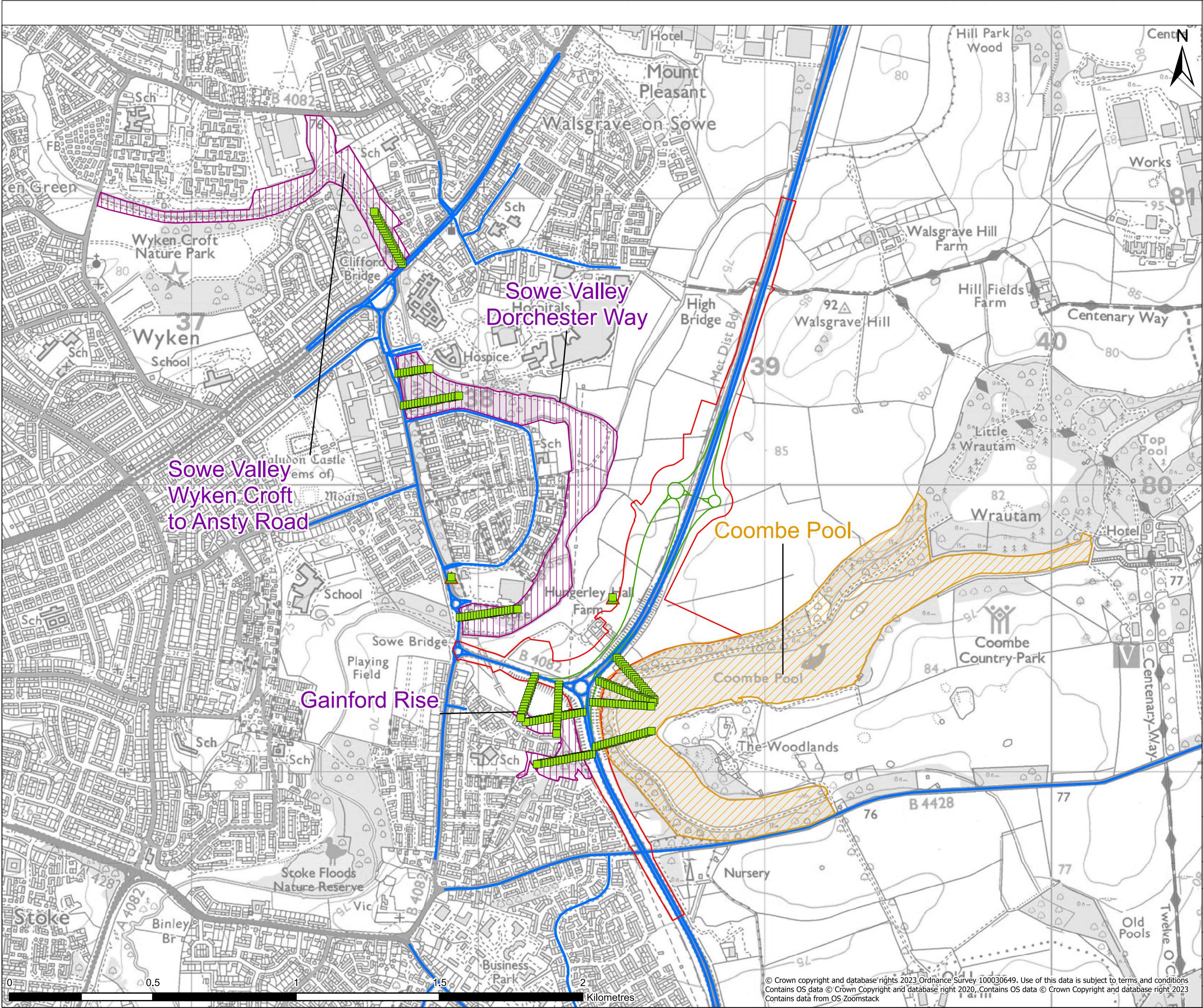
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1. Environmental Statement Figures

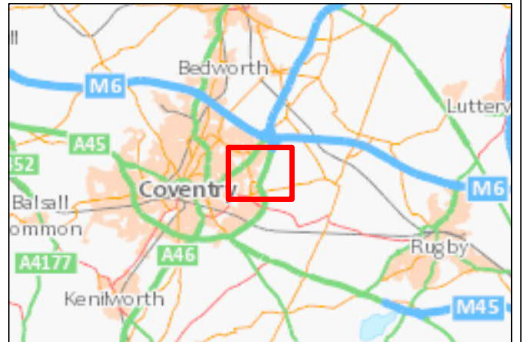
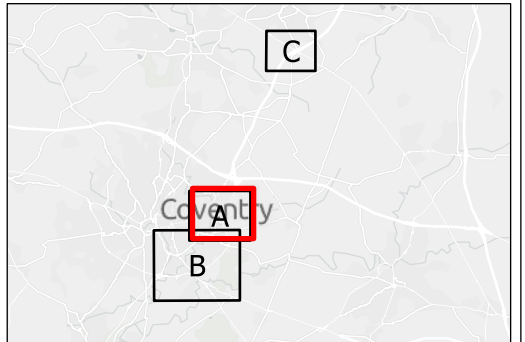
1.1.1. This document contains the following figures:


Figure	Figure Name
5.9a	Operational phase annual mean NOx concentration impacts at ecological transects
5.9b	Operational phase annual mean NOx concentration impacts at ecological transects
5.9c	Operational phase annual mean NOx concentration impacts at ecological transects
5.10a	Operational phase annual mean NH3 concentration impacts at ecological transects
5.10b	Operational phase annual mean NH3 concentration impacts at ecological transects
5.10c	Operational phase annual mean NH3 concentration impacts at ecological transects
5.11a	Operational phase annual mean N-deposition impacts at ecological transects
5.11b	Operational phase annual mean N-deposition impacts at ecological transects
5.11c	Operational phase annual mean N-deposition impacts at ecological transects

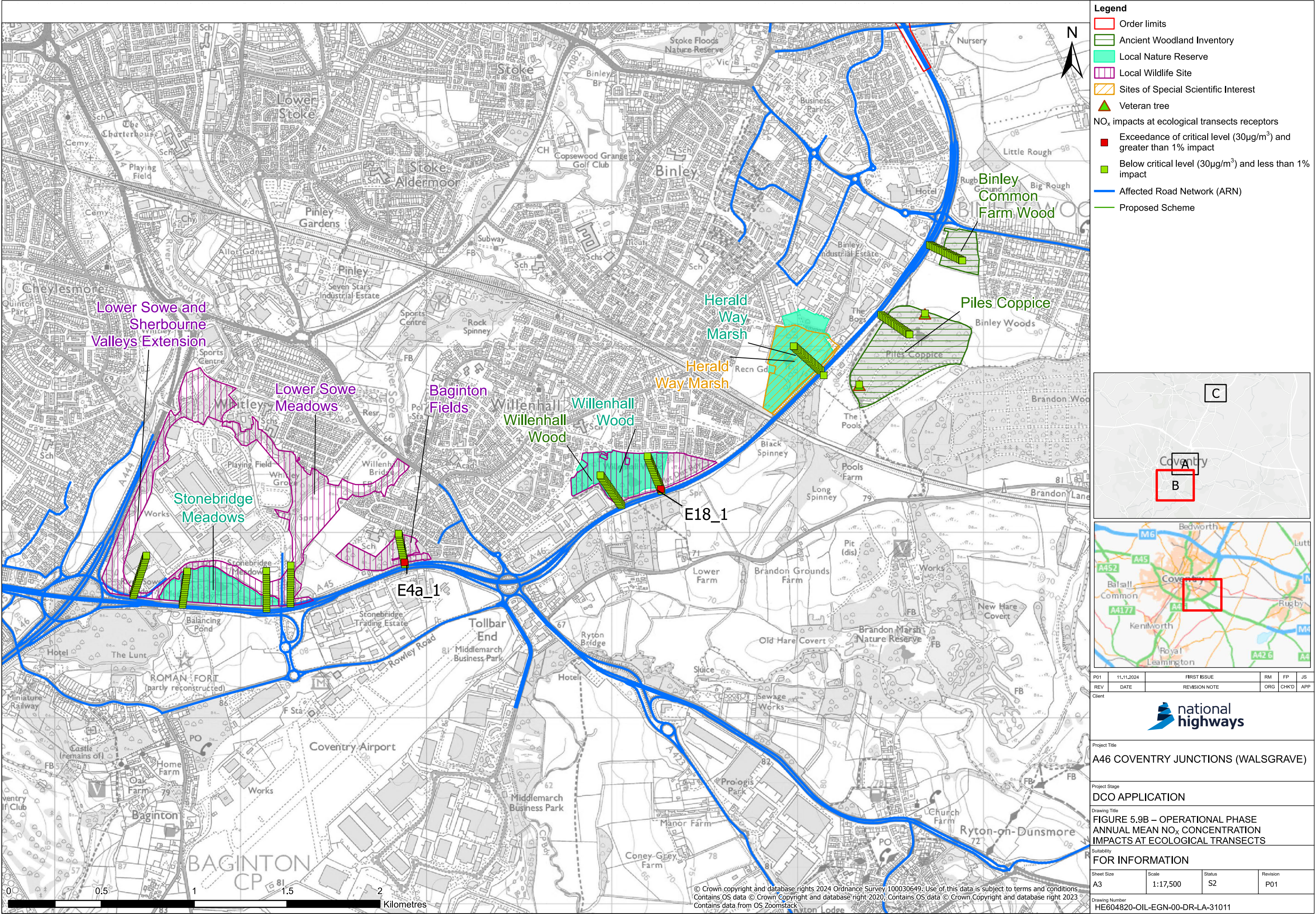


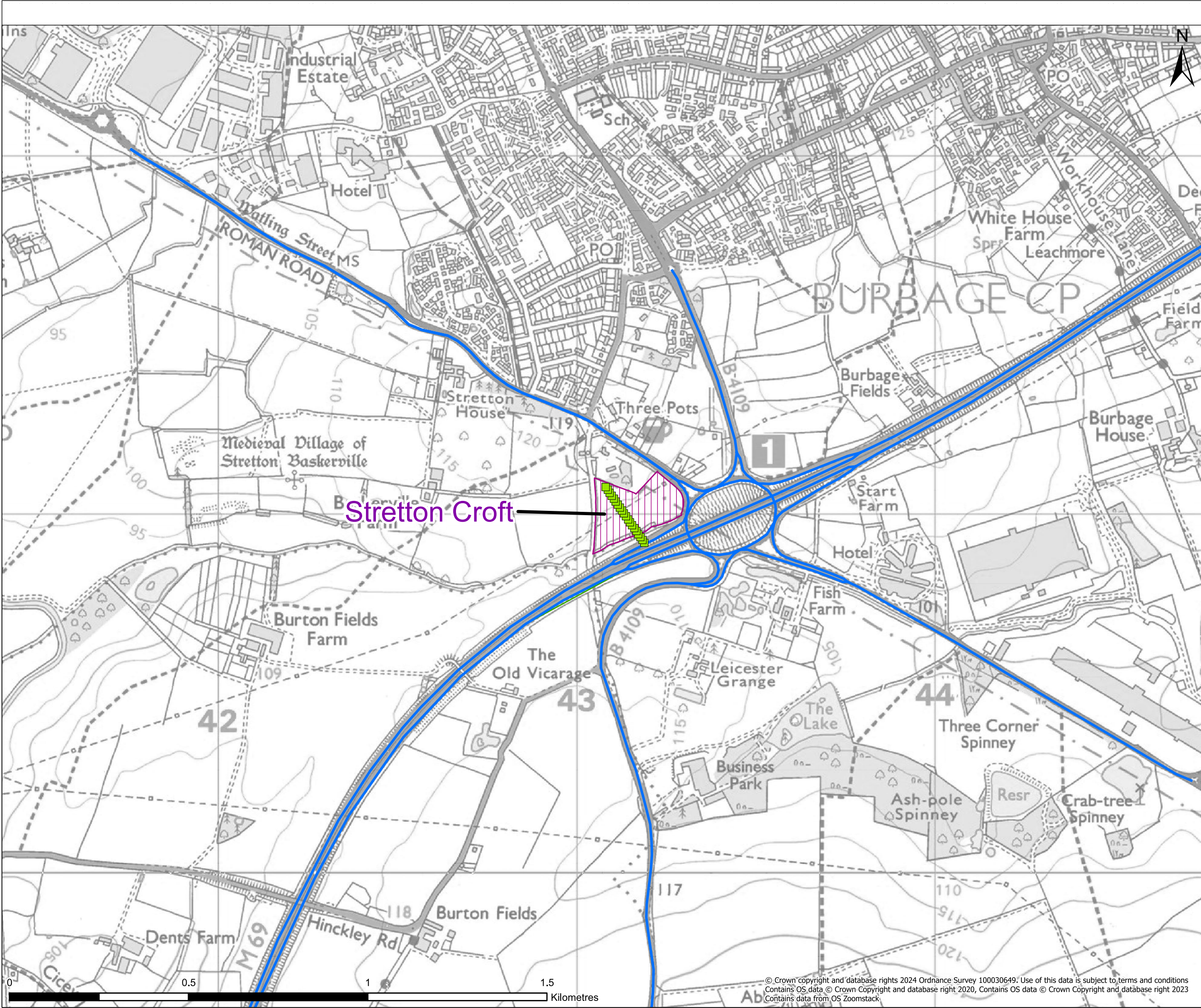
Legend

- Order limits
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree
- NO_x impacts at ecological transects receptors
 - Below critical level (30µg/m³) and less than 1% impact
 - Affected Road Network (ARN)
 - Proposed Scheme



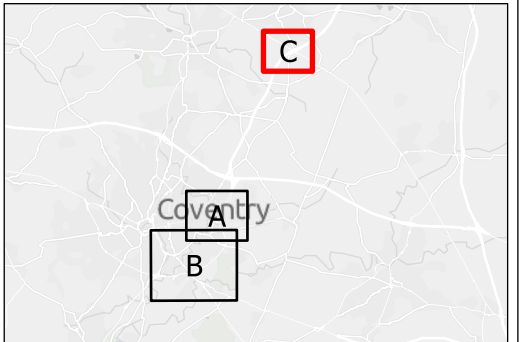
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REV	DATE	REVISION NOTE	ORG	CHKD	APP
Client					
<div>national highways</div>					
Project Title					
A46 COVENTRY JUNCTIONS (WALSGRAVE)					
Project Stage					
DCO APPLICATION					
Drawing Title					
FIGURE 5.9A – OPERATIONAL PHASE ANNUAL MEAN NO _x CONCENTRATION IMPACTS AT ECOLOGICAL TRANSECTS					
Suitability					
FOR INFORMATION					
Sheet Size		Scale	Status	Revision	
A3		1:12,500	S2	P01	
Drawing Number					
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Legend

- Local Wildlife Site
- NO_x impacts at ecological transects receptors
 - Below critical level (30µg/m³) and less than 1% impact
- Affected Road Network (ARN)
- Proposed Scheme



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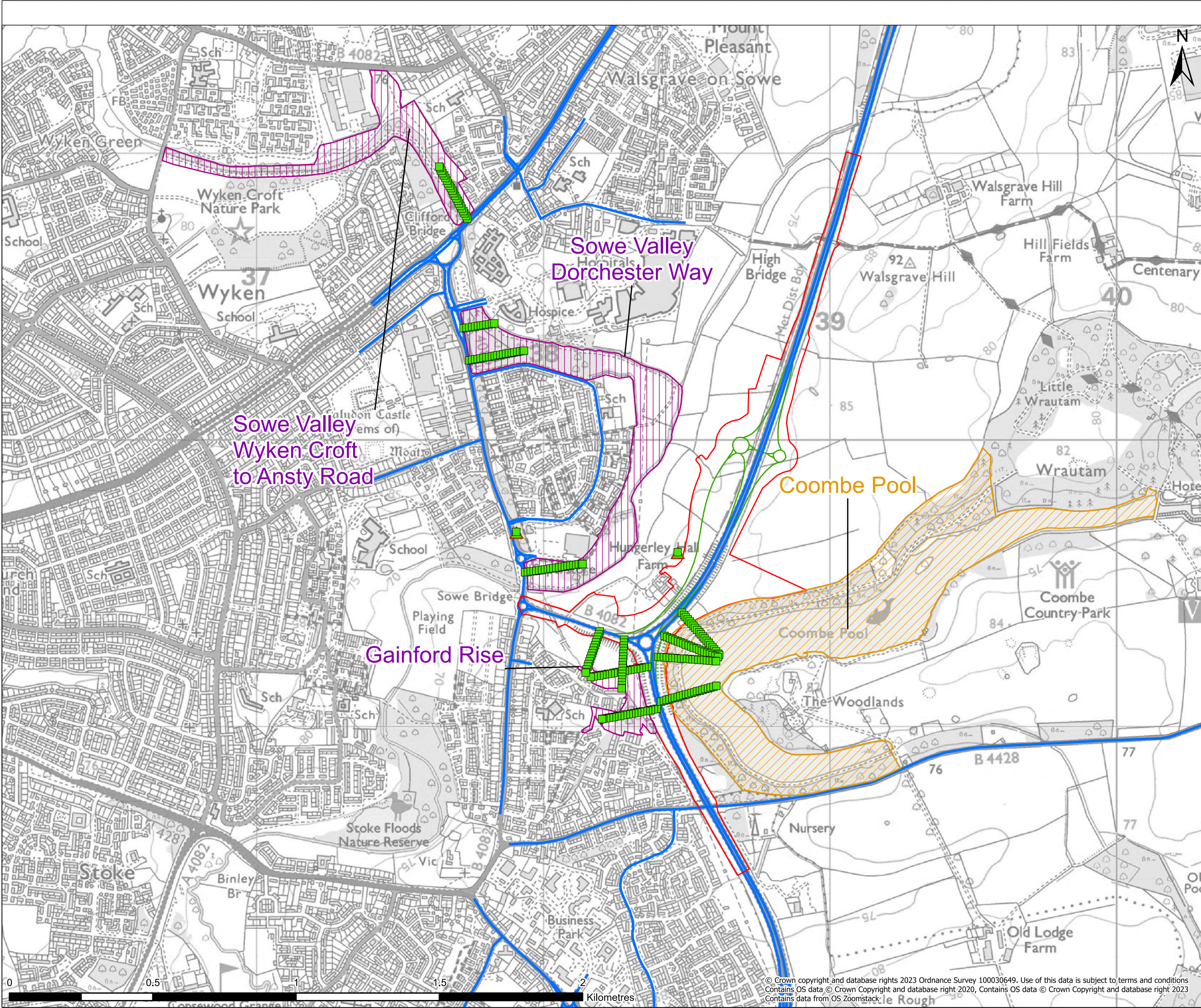
Project Stage
DCO APPLICATION

Drawing Title
FIGURE 5.9C – OPERATIONAL PHASE ANNUAL MEAN NO_x CONCENTRATION IMPACTS AT ECOLOGICAL TRANSECTS

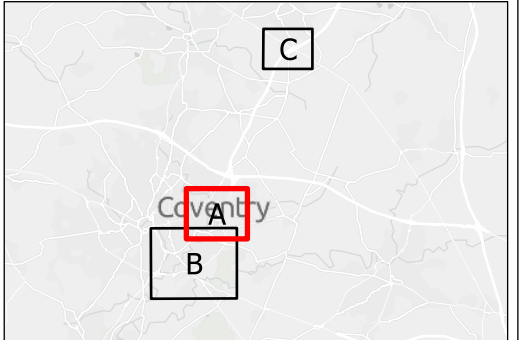
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Drawing Number
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- Legend**
- Order limits
 - Local Wildlife Site
 - Sites of Special Scientific Interest
 - Veteran tree
 - NH₃ impacts at ecological transects receptors
 - Below critical level (1 or 3µg/m³) and less than 1% impact
 - Affected Road Network (ARN)
 - Proposed Scheme



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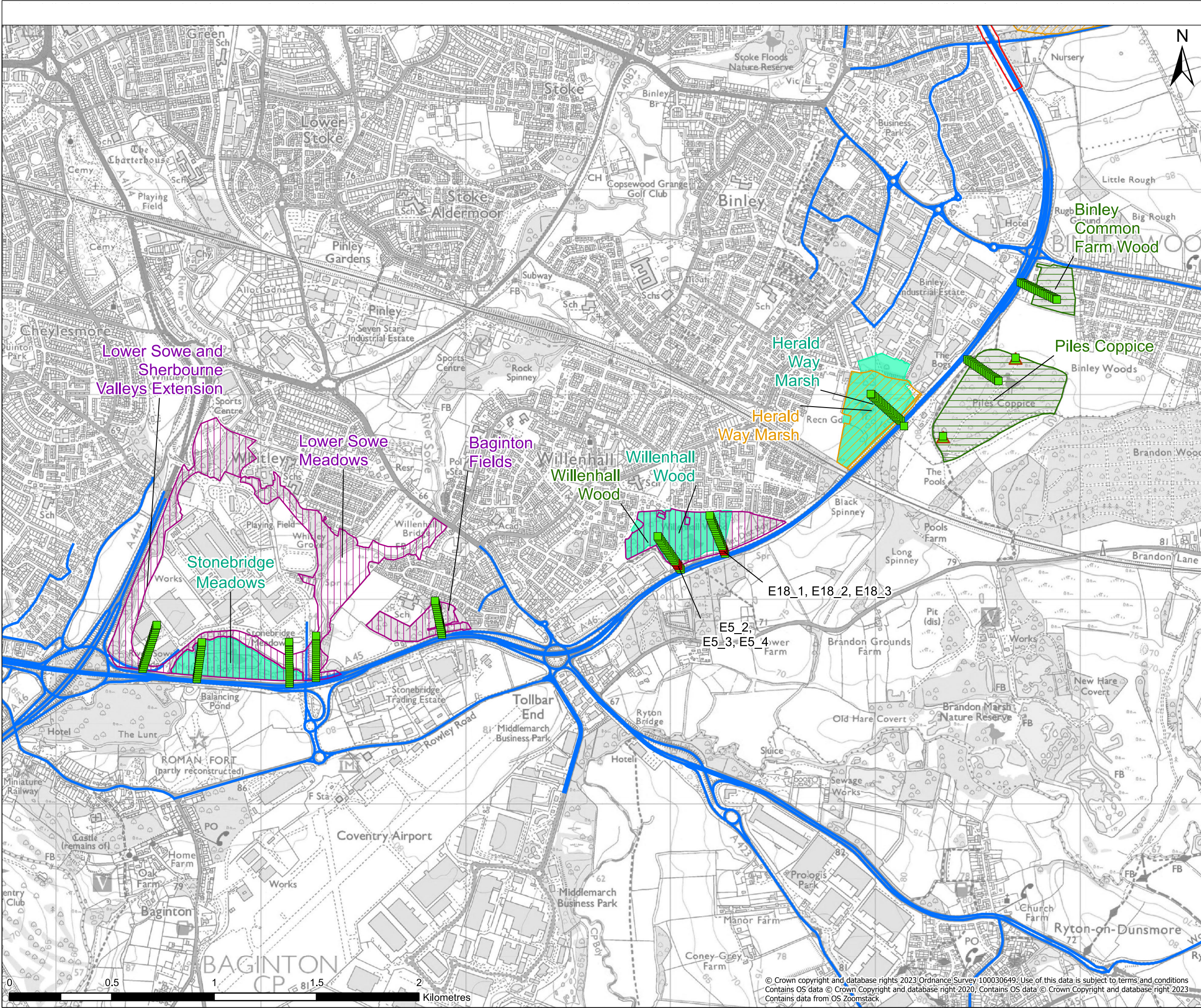
Project Stage
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Drawing Title
**FIGURE 10A- OPERATIONAL PHASE
ANNUAL MEAN NH₃ CONCENTRATION
IMPACTS AT ECOLOGICAL TRANSECTS**

Suitability
FOR INFORMATION

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Legend

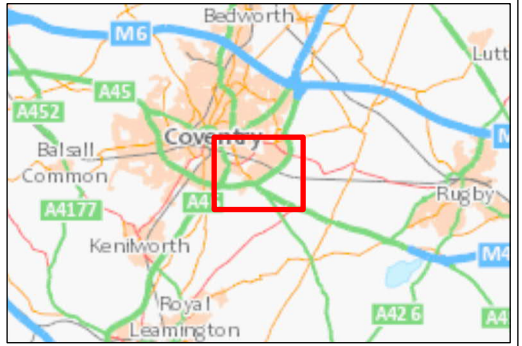
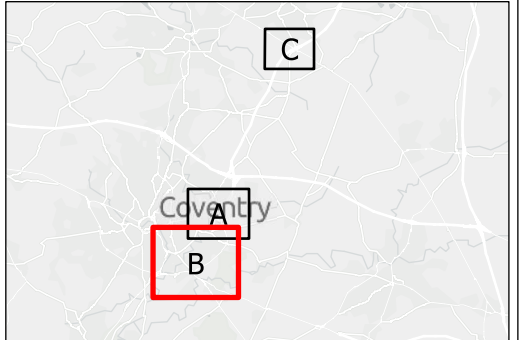
- Order limits
- Ancient Woodland Inventory
- Local Nature Reserve
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree

NH₃ impacts at ecological transects receptors

- Exceedance of critical level (1 or 3 µg/m³) and greater than 1% impact
- Below critical level (1 or 3 µg/m³) and less than 1% impact

Affected Road Network (ARN)

Proposed Scheme



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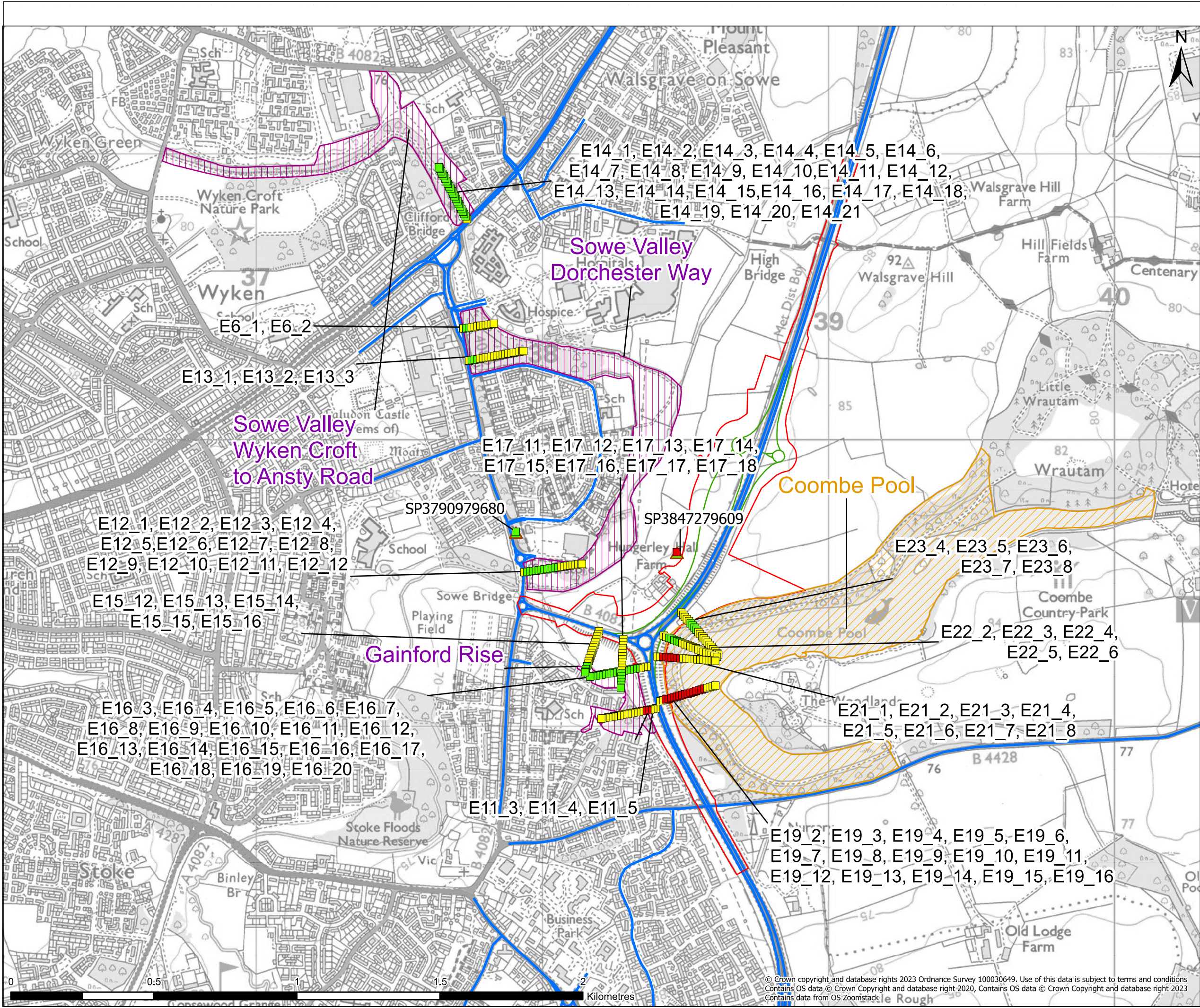
Project Title
A46 COVENTRY JUNCTIONS (WALSGRAVE)

Project Stage
DCO APPLICATION

Drawing Title
FIGURE 5.10B – OPERATIONAL PHASE ANNUAL MEAN NH₃ CONCENTRATION IMPACTS AT ECOLOGICAL TRANSECTS

Suitability
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Sheet Size	Scale	Status	Revision
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Legend

- Order limits
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree

Nitrogen Deposition impacts at ecological transects receptors

- Less than 1% of the critical level
- Greater than +1% of the critical load
- Between -1% and +1% of the critical load
- Proposed Scheme
- Affected Road Network (ARN)

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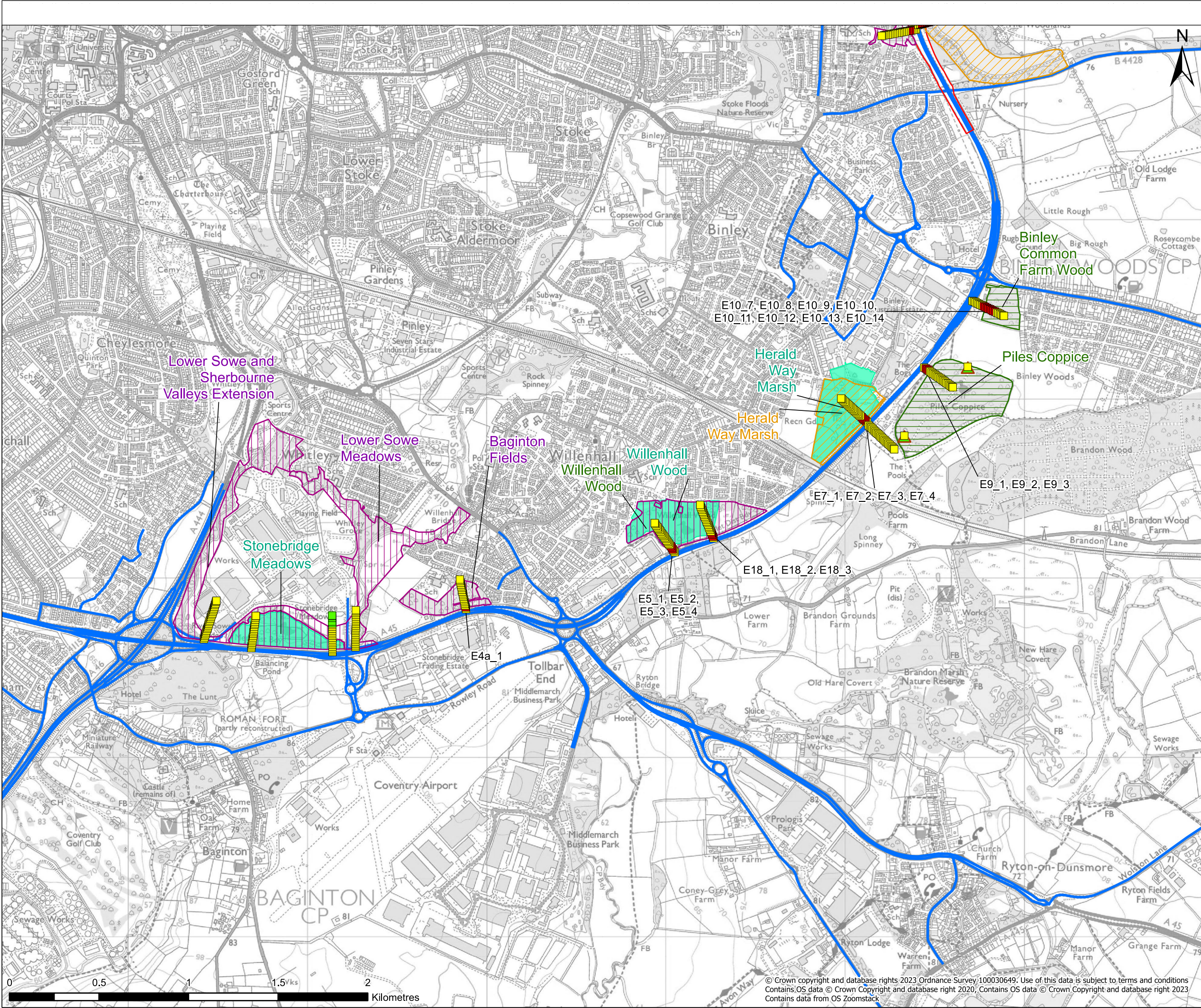
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DCO APPLICATION

Drawing Title
FIGURE 5.11A – OPERATIONAL PHASE
ANNUAL MEAN N-DEPOSITION
IMPACTS AT ECOLOGICAL TRANSECTS

Suitability
FOR INFORMATION

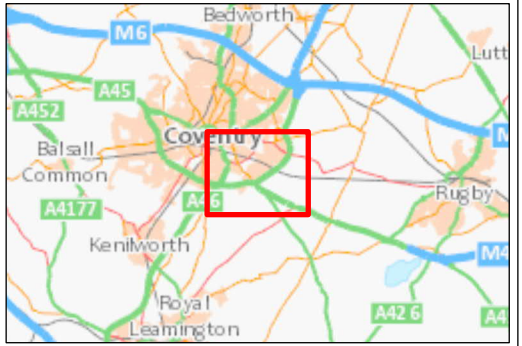
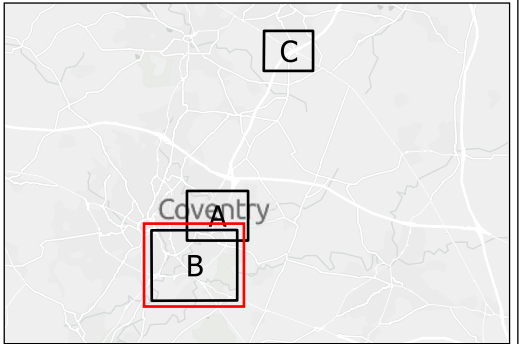
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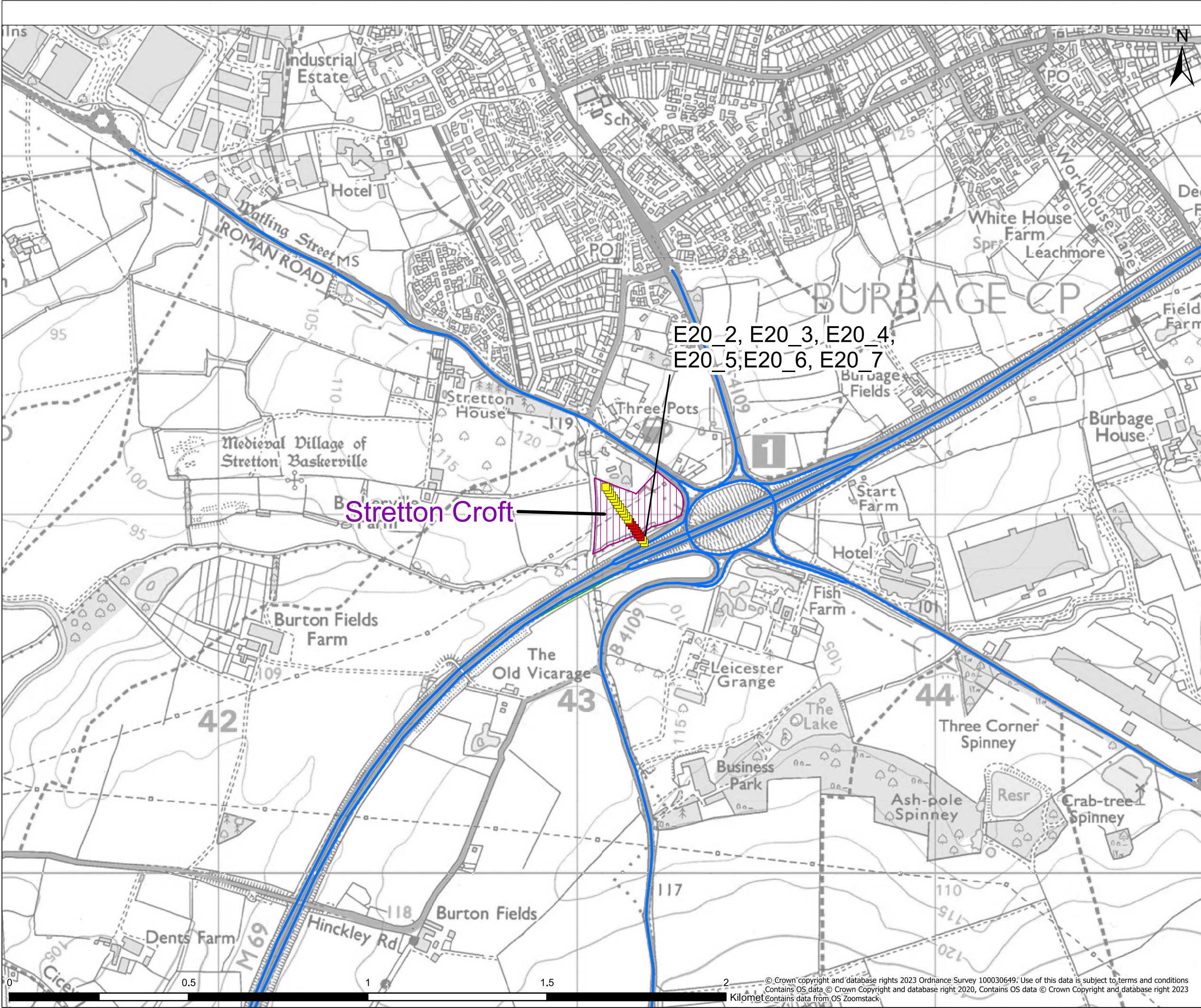


Legend

- Order limits
- Ancient Woodland Inventory
- Local Nature Reserve
- Local Wildlife Site
- Sites of Special Scientific Interest
- Veteran tree
- Nitrogen Deposition impacts at ecological transects receptors
 - Less than 1% of the critical level
 - Greater than +1% of the critical load
 - Between -1% and +1% of the critical load
- Proposed Scheme
- Affected Road Network (ARN)

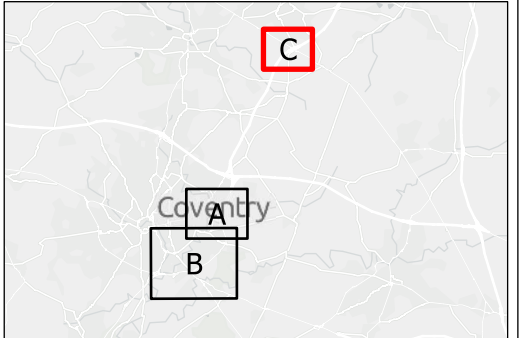


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FIGURE 5.11B – OPERATIONAL PHASE ANNUAL MEAN N-DEPOSITION IMPACTS AT ECOLOGICAL TRANSECTS					
Suitability					
FOR INFORMATION					
Sheet Size		Scale	Status	Revision	
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Drawing Number					
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Legend

- Local Wildlife Site
- Nitrogen Deposition impacts at ecological transects receptors
 - Greater than +1% of the critical load
 - Between -1% and +1% of the critical load
- Proposed Scheme
- Affected Road Network (ARN)



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A46 COVENTRY JUNCTIONS (WALSGRAVE)

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Drawing Title
**FIGURE 5.11C – OPERATIONAL PHASE
ANNUAL MEAN N-DEPOSITION
IMPACTS AT ECOLOGICAL TRANSECTS**

Suitability
FOR INFORMATION

Sheet Size	Scale	Status	Revision
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