

national highways

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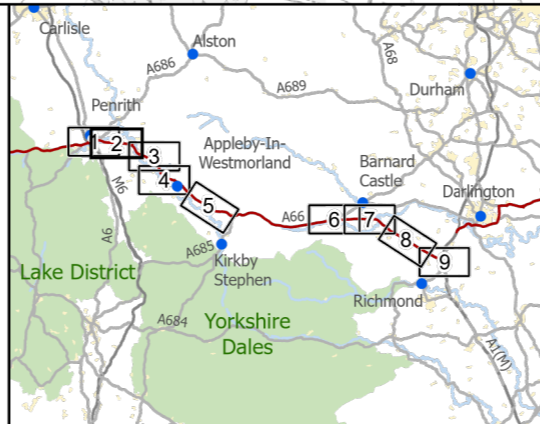
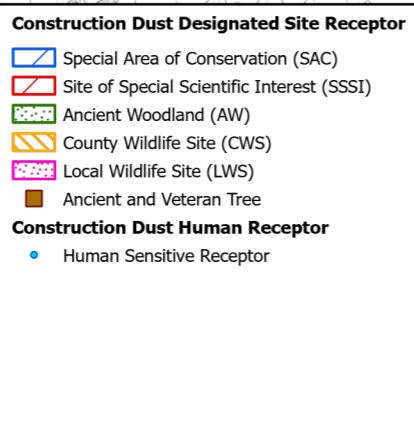
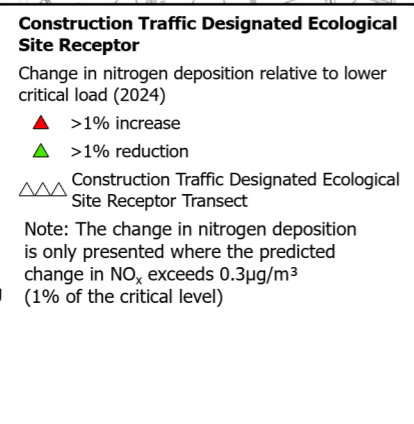
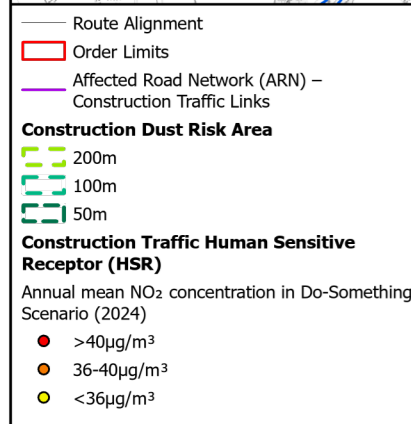
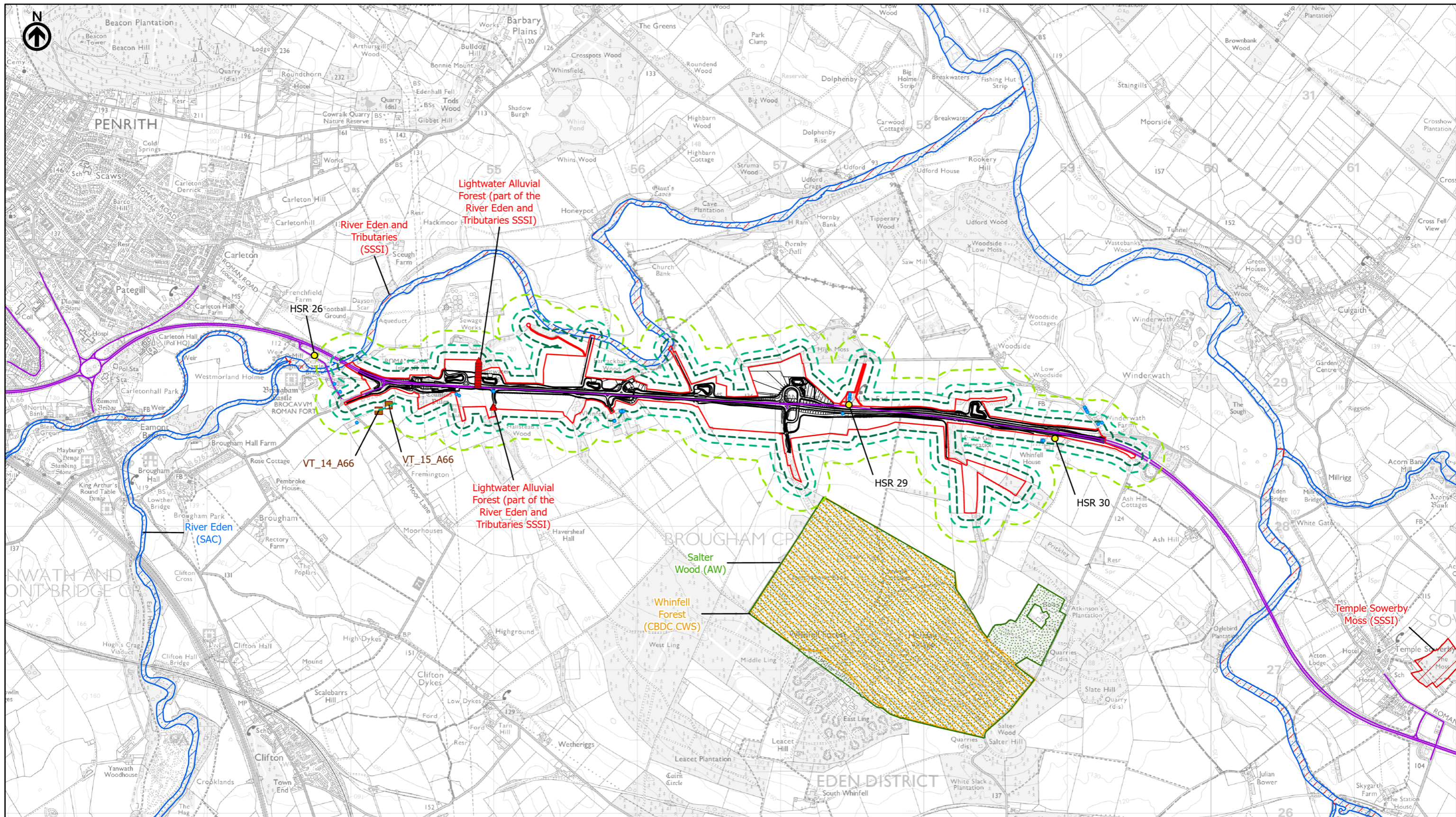
P02	First Issue	JBAR	LHAN	JLIN	AMIT	KWHA
		21/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

Kilometres

Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3

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Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 5.3			
Air Quality Construction Phase Assessment			
Scheme: 0102, M6 Junction 40 to Kemplay Bank			
Sheet 1 of 9			
Map Number Project	Originator	Volume	
HE565627	AMY	EAQ	
S00	MP	LA	002042
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL	Revision P02	



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Project Name
A66 Northern Trans-Pennine Project

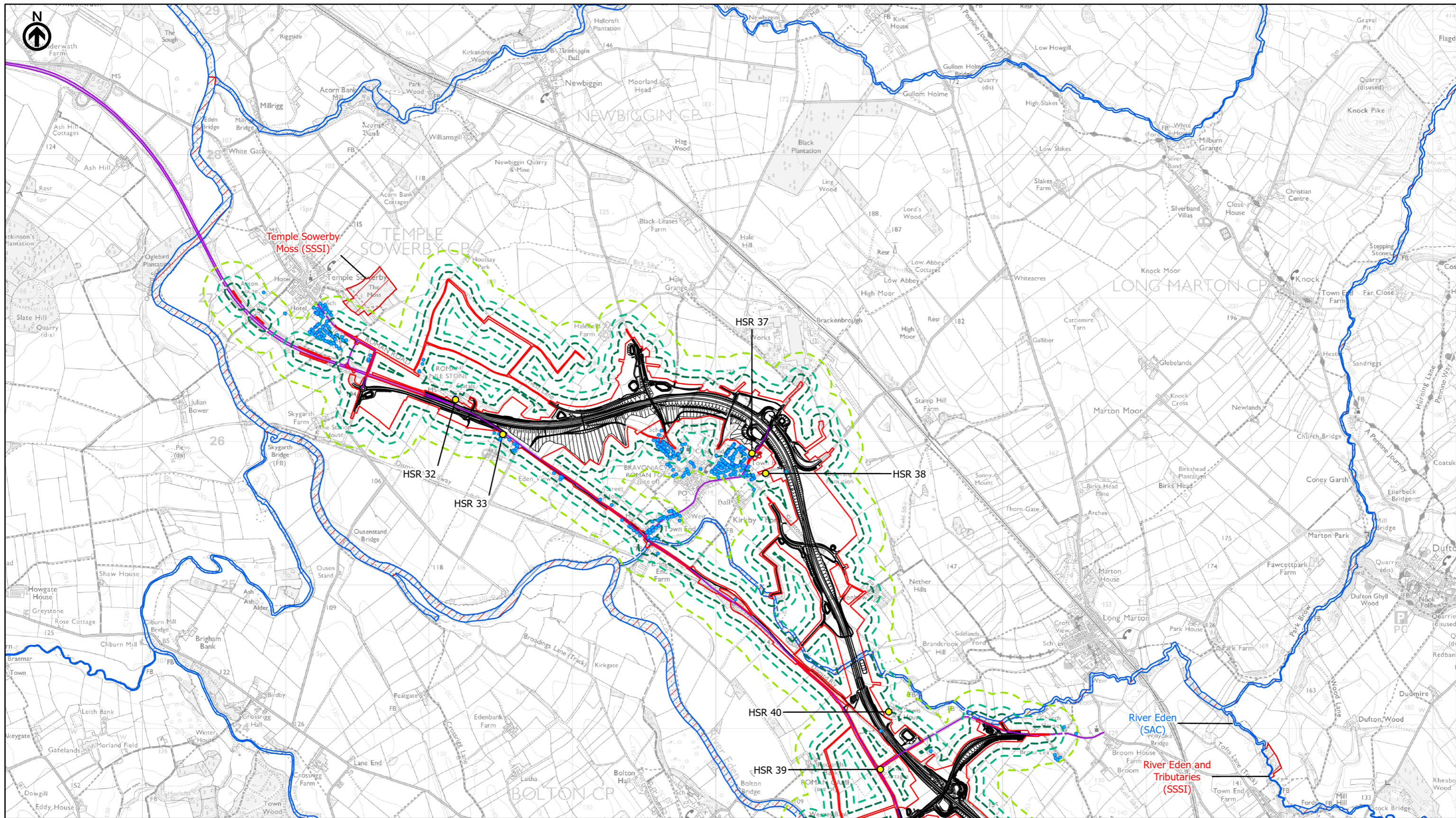
Map Title
Figure 5.3

Air Quality Construction Phase Assessment

Scheme: 03, Penrith to Temple Sowerby

Sheet 2 of 9

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
Suitability	Suitability Description	Location	Revision
S4	FIT FOR STAGE APPROVAL	S00 - MP - LA - 002043	P02



— Route Alignment
 [Red outline] Order Limits
 [Purple line] Affected Road Network (ARN) – Construction Traffic Links

Construction Dust Risk Area

- [Green dashed line] 200m
- [Blue dashed line] 100m
- [Red dashed line] 50m

Construction Traffic Human Sensitive Receptor (HSR)

Annual mean NO₂ concentration in Do-Something Scenario (2024)

- [Red dot] >40µg/m³
- [Orange dot] 36-40µg/m³
- [Yellow dot] <36µg/m³

Construction Traffic Designated Ecological Site Receptor

Change in nitrogen deposition relative to lower critical load (2024)

- [Red triangle] >1% increase
- [Green triangle] >1% reduction
- [Black triangle] Construction Traffic Designated Ecological Site Receptor

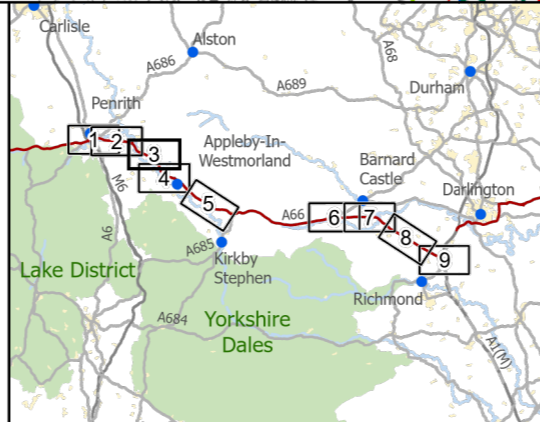
Note: The change in nitrogen deposition is only presented where the predicted change in NO_x exceeds 0.3µg/m³ (1% of the critical level)

Construction Dust Designated Site Receptor

- [Blue outline] Special Area of Conservation (SAC)
- [Red outline] Site of Special Scientific Interest (SSSI)
- [Green outline] Ancient Woodland (AW)
- [Orange outline] County Wildlife Site (CWS)
- [Yellow outline] Local Wildlife Site (LWS)
- [Brown square] Ancient and Veteran Tree

Construction Dust Human Receptor

- [Blue dot] Human Sensitive Receptor



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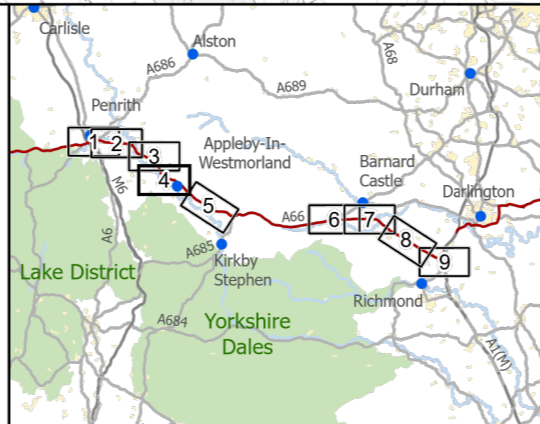
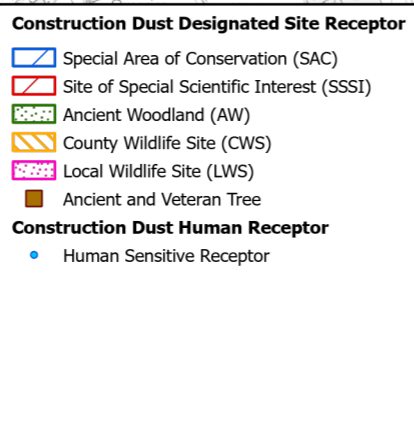
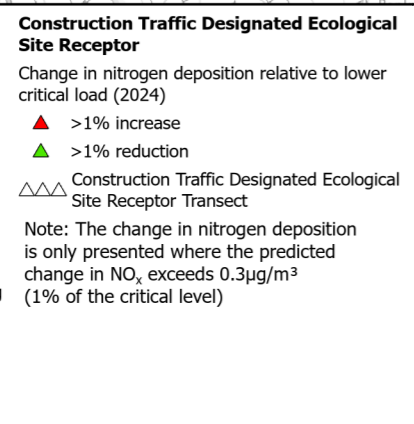
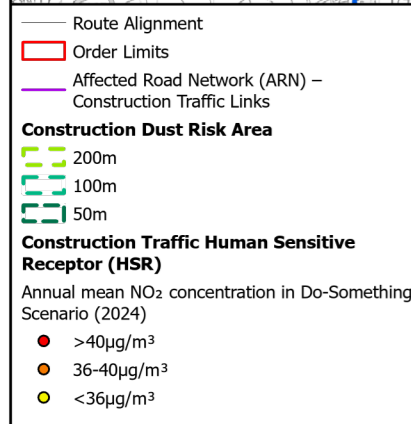
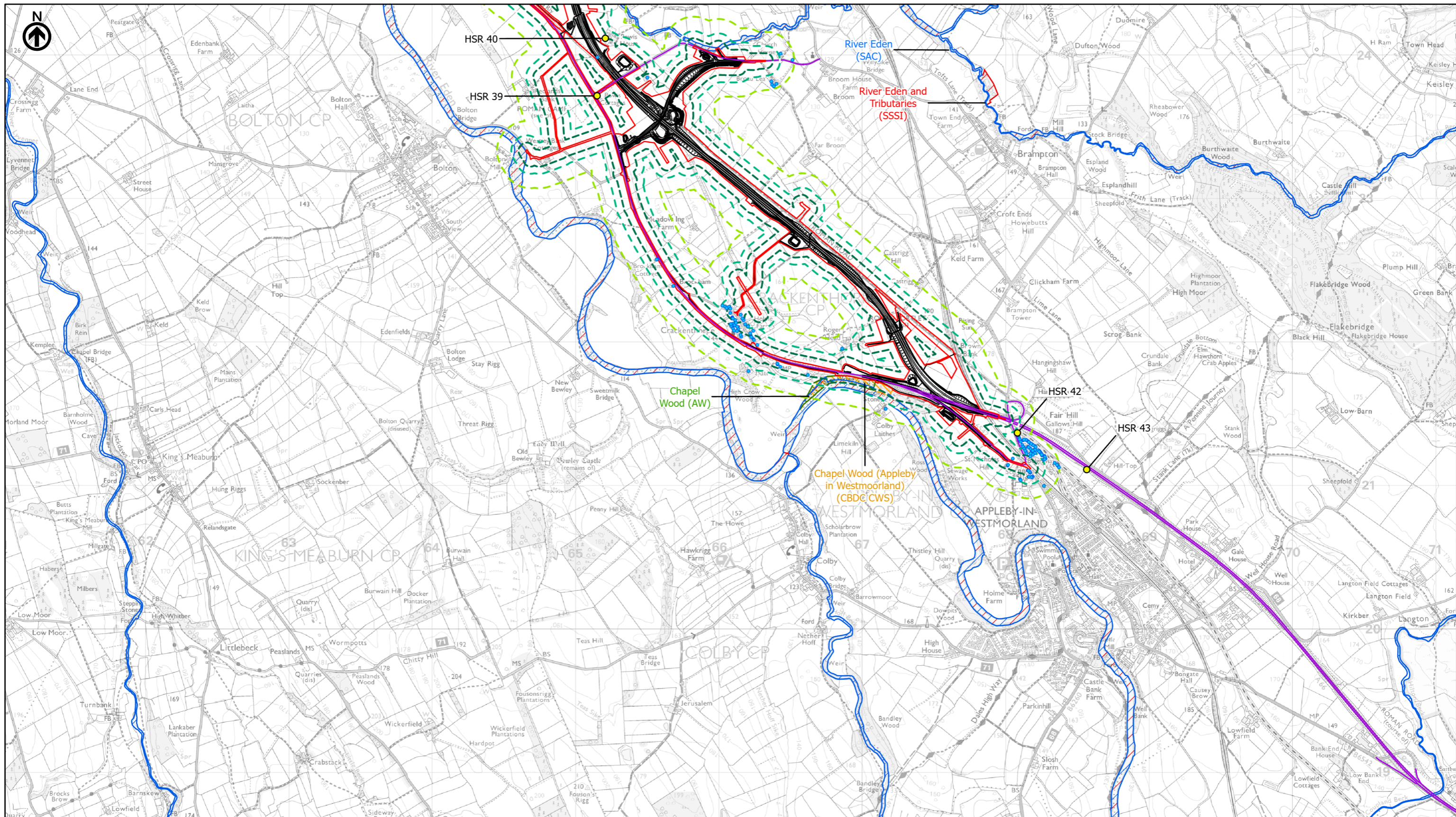
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 5.3

Air Quality Construction Phase Assessment
 Scheme: 0405, Temple Sowerby to Appleby
 Sheet 3 of 9

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002044
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



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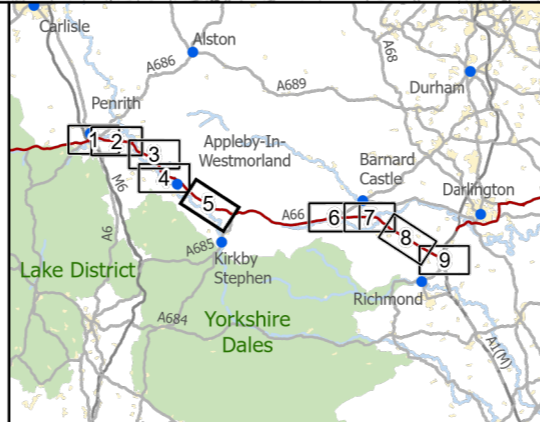
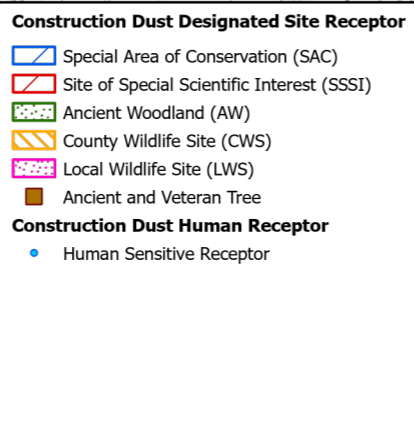
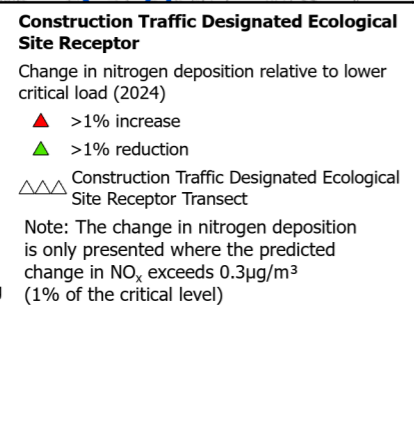
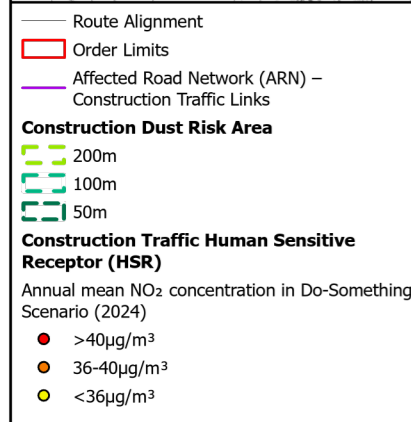
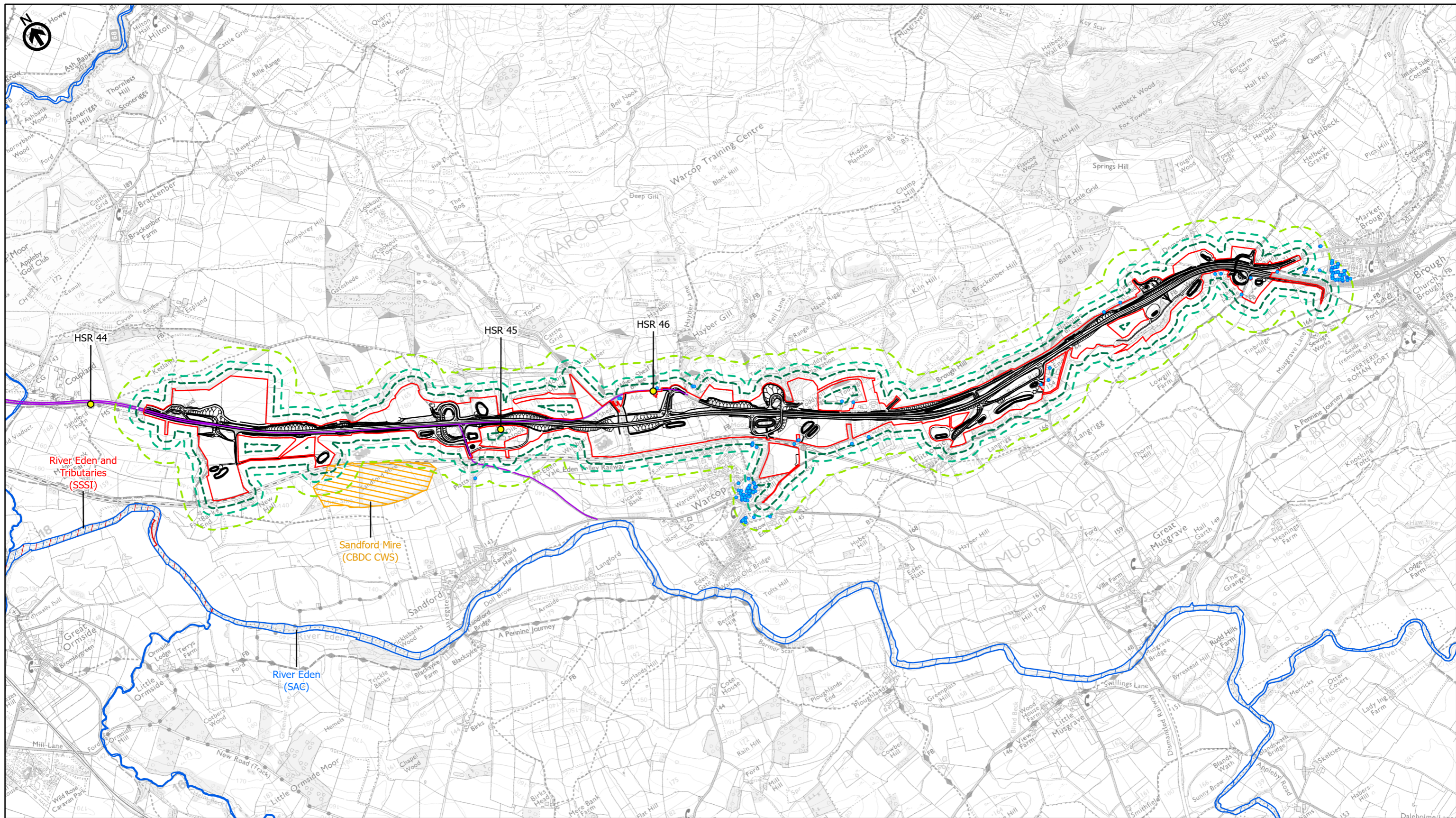
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Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 5.3			
Air Quality Construction Phase Assessment Scheme: 0405, Temple Sowerby to Appleby Sheet 4 of 9			
Map Number Project	Originator	Volume	
HE565627	AMY	EAQ	
S00 Location	MP - LA	002045	
Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P02	



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P02	First Issue				
	JBAR	LHAN	JLIN	AMIT	KWHA
	21/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 5.3

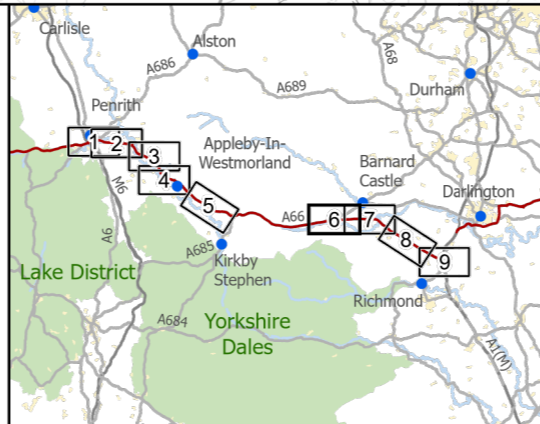
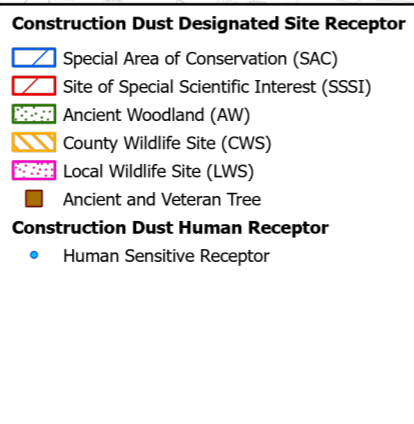
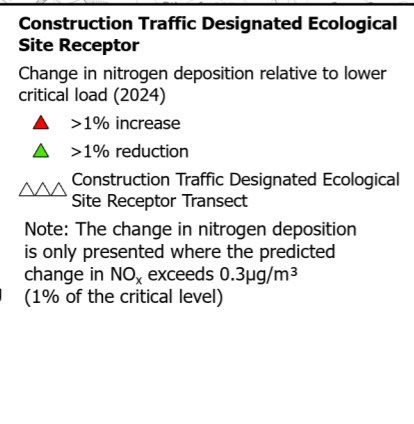
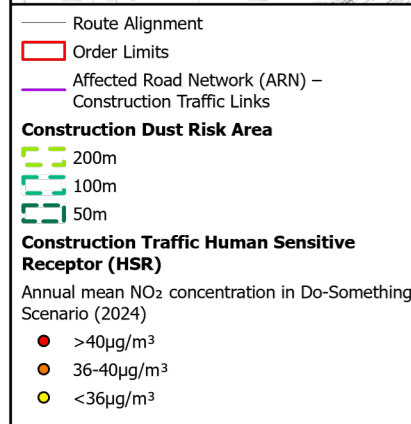
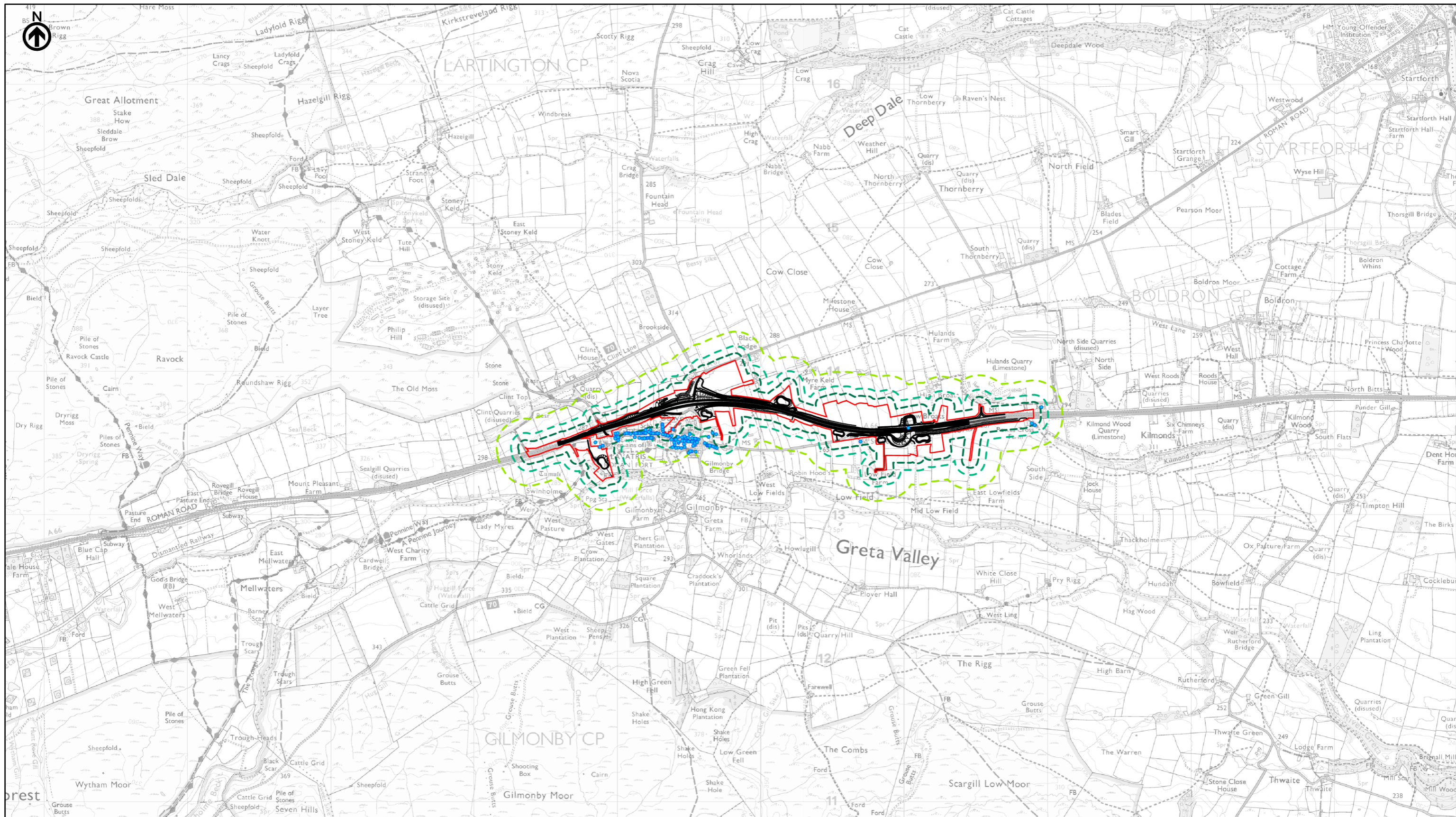
Air Quality Construction Phase Assessment

Scheme: 06, Appley to Brough

Sheet 5 of 9

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
S00	-	MP - LA	002046
	Location	Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



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P02	First Issue				
	JBAR	LHAN	JLIN	AMIT	KWHA
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Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 5.3

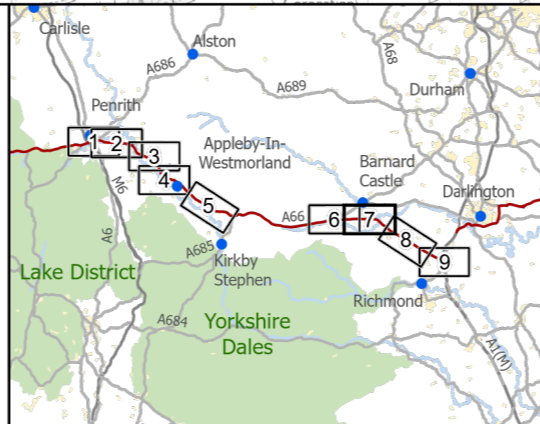
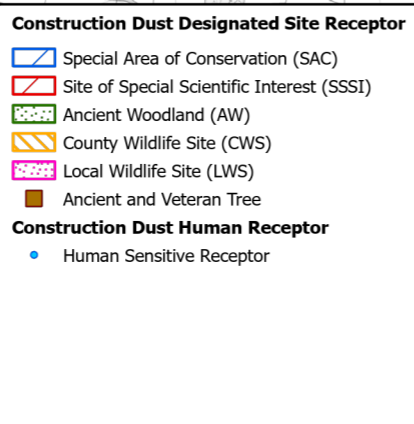
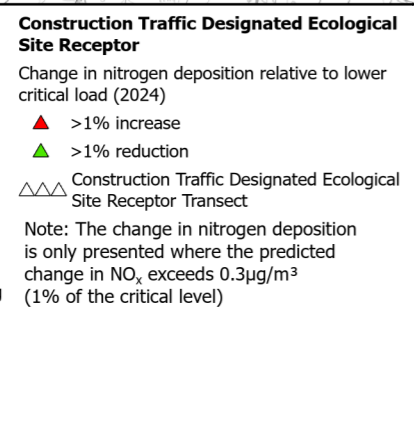
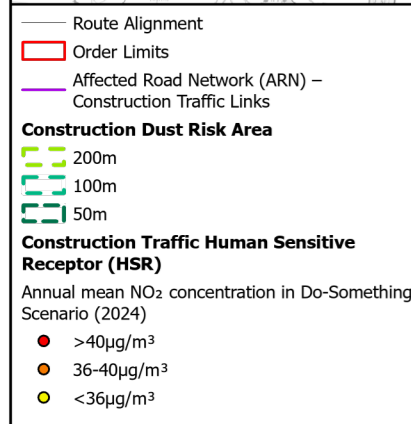
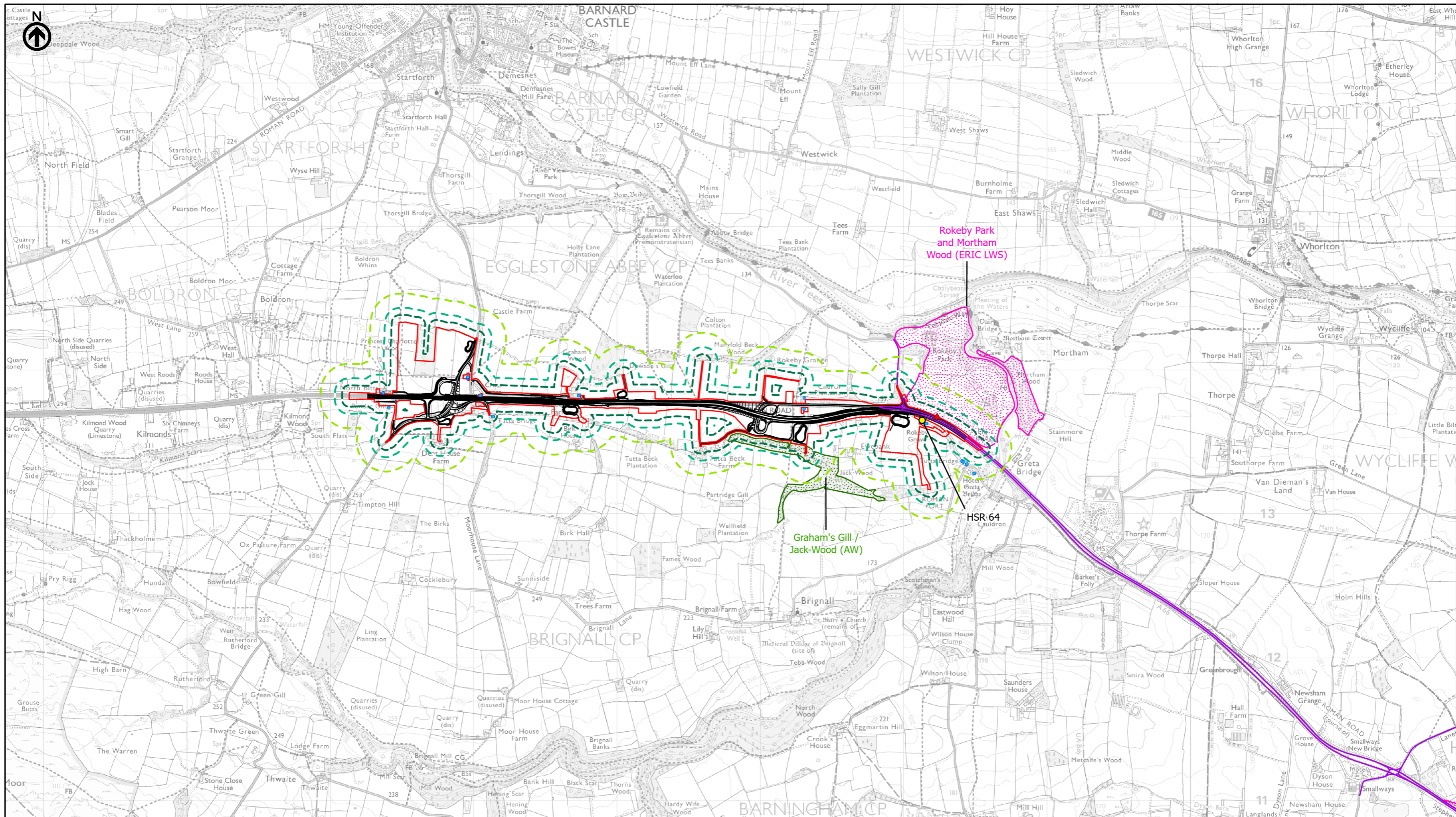
Air Quality Construction Phase Assessment

Scheme: 07, Bowes Bypass

Sheet 6 of 9

Map Number	Project	Originator	Volume
HE565627	-	AMY	EAQ
Location	Type	Role	Number
S00	-	MP - LA	002047

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



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P02	First Issue				
	JBAR	LHAN	JLIN	AMIT	KWHA
	21/03/22	04/04/22	04/04/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised
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3					
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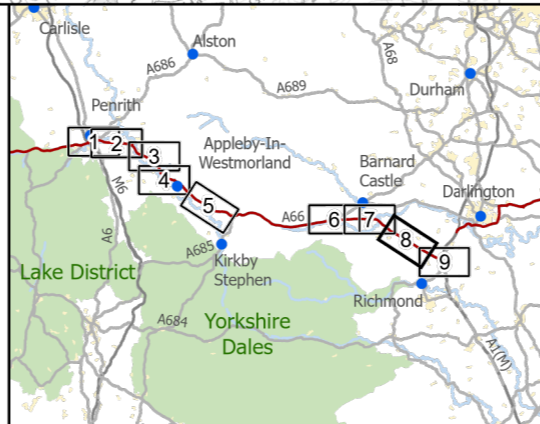
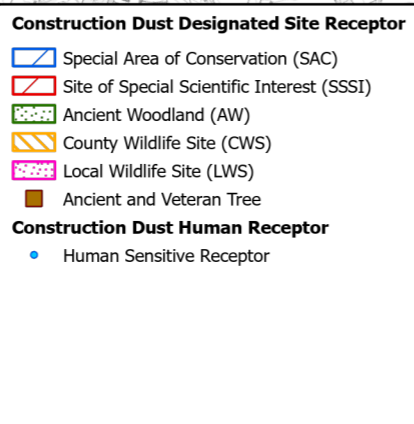
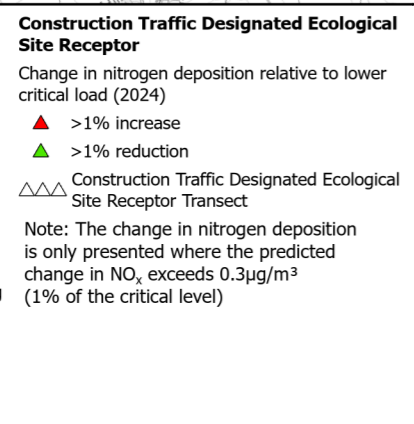
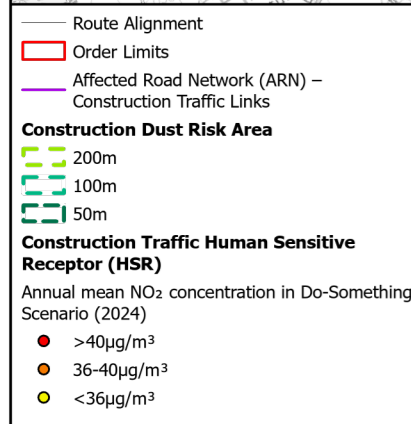
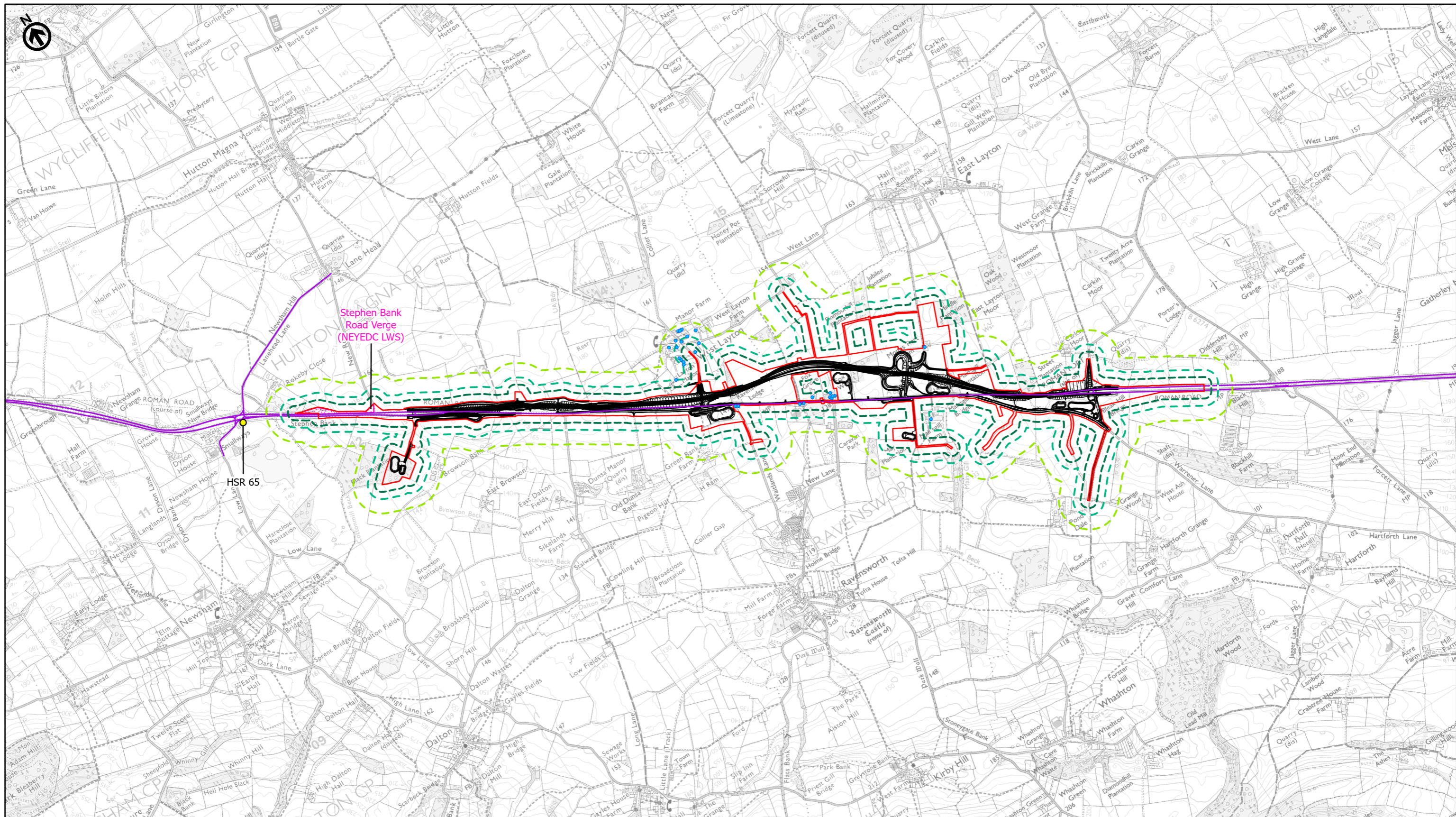
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Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 5.3			
Air Quality Construction Phase Assessment			
Scheme: 08, Cross Lanes to Rokeby			
Sheet 7 of 9			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EAQ
Location	Type	Role	Number
S4	MP	LA	002048
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02



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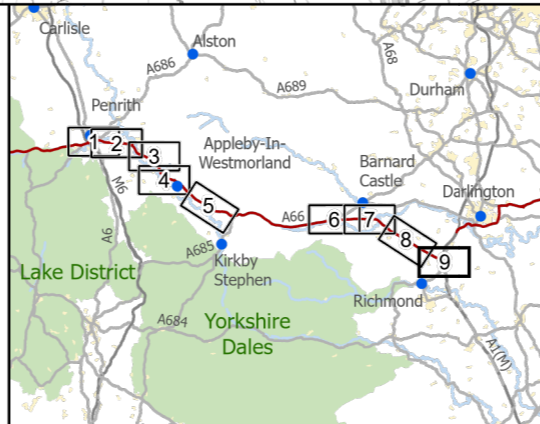
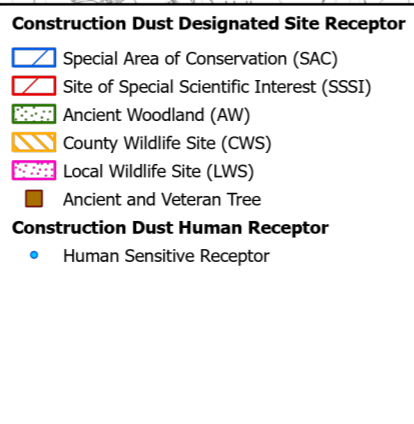
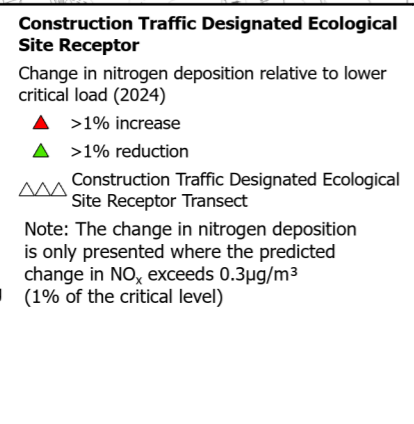
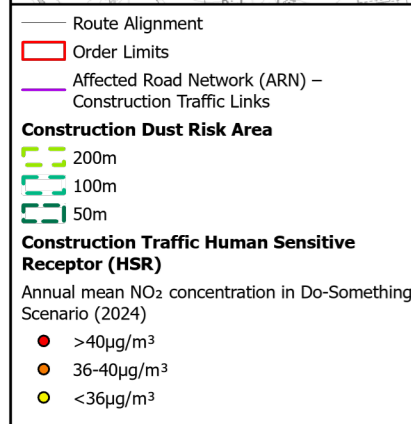
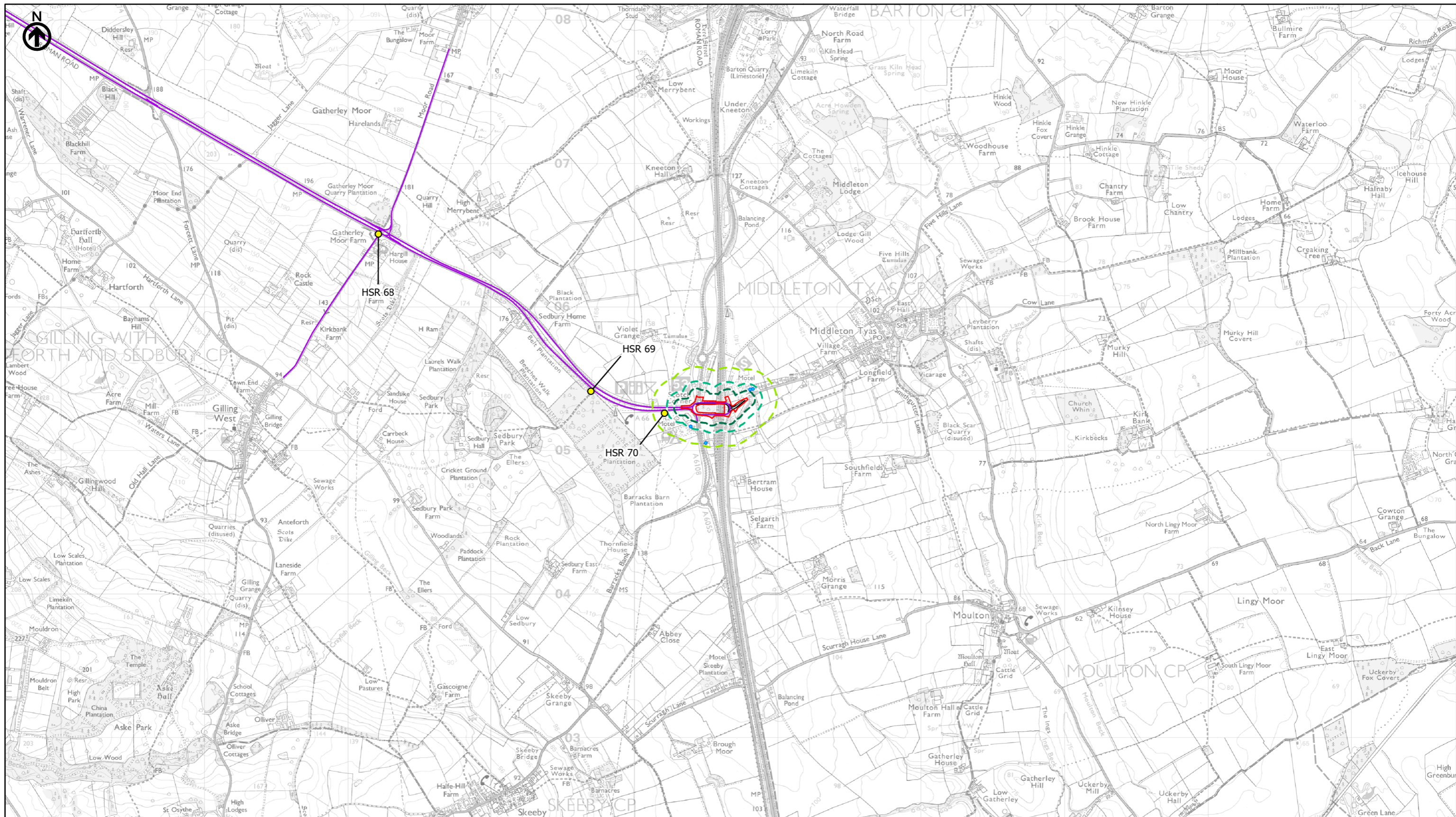
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Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 5.3			
Air Quality Construction Phase Assessment			
Scheme: 09, Stephen Bank to Carkin Moor			
Sheet 8 of 9			
Map Number Project	Originator	Volume	
HE565627	AMY	EAQ	
S00	MP	LA	002049
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02



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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 5.3

Air Quality Construction Phase Assessment

Scheme: 11, A1(M) Junction 53 Scotch Corner

Sheet 9 of 9

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
	S00	-	MP - LA - 002050
	Location	Type	Role Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02