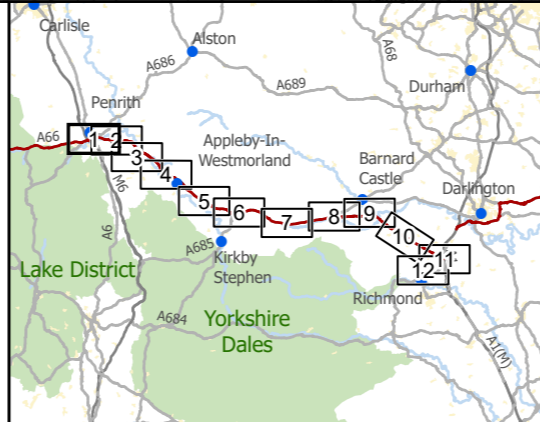


— Route Alignment
 [Red Outline] Order Limits
 [Dashed Black Line] Operational Noise Study Area
 [Blue Line] Modelled Road Network - Do-Something Opening Year 2029

Predicted Difference in Noise Level dB(A) Opening Year - Short Term

- [Dark Green] ≤ -10
- [Green] -9.9 - -5
- [Light Green] -4.9 - -3
- [Yellow-Green] -2.9 - -1
- [Yellow] -0.9 - 0.9
- [Light Yellow] 1 - 2.9
- [Orange] 3 - 4.9
- [Dark Orange] 5 - 9.9
- [Red] ≥ 10



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P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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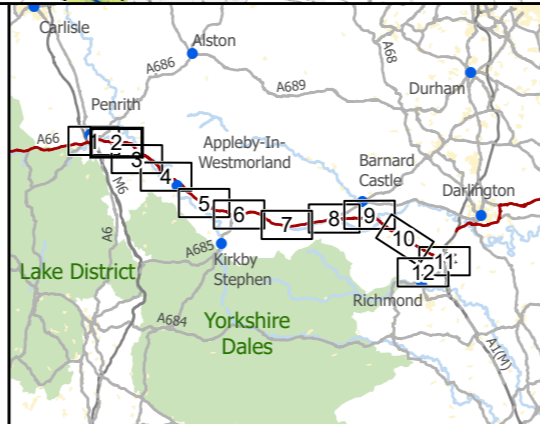
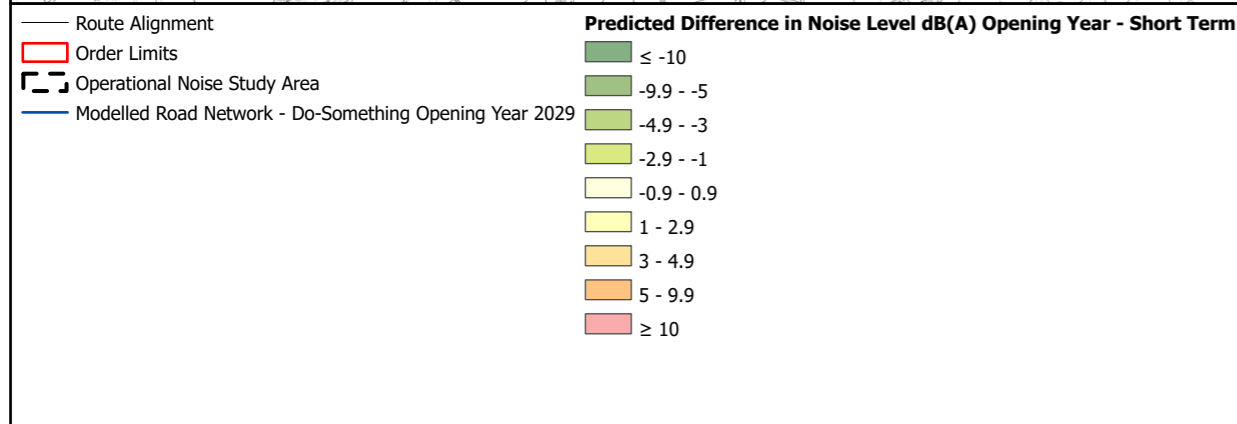
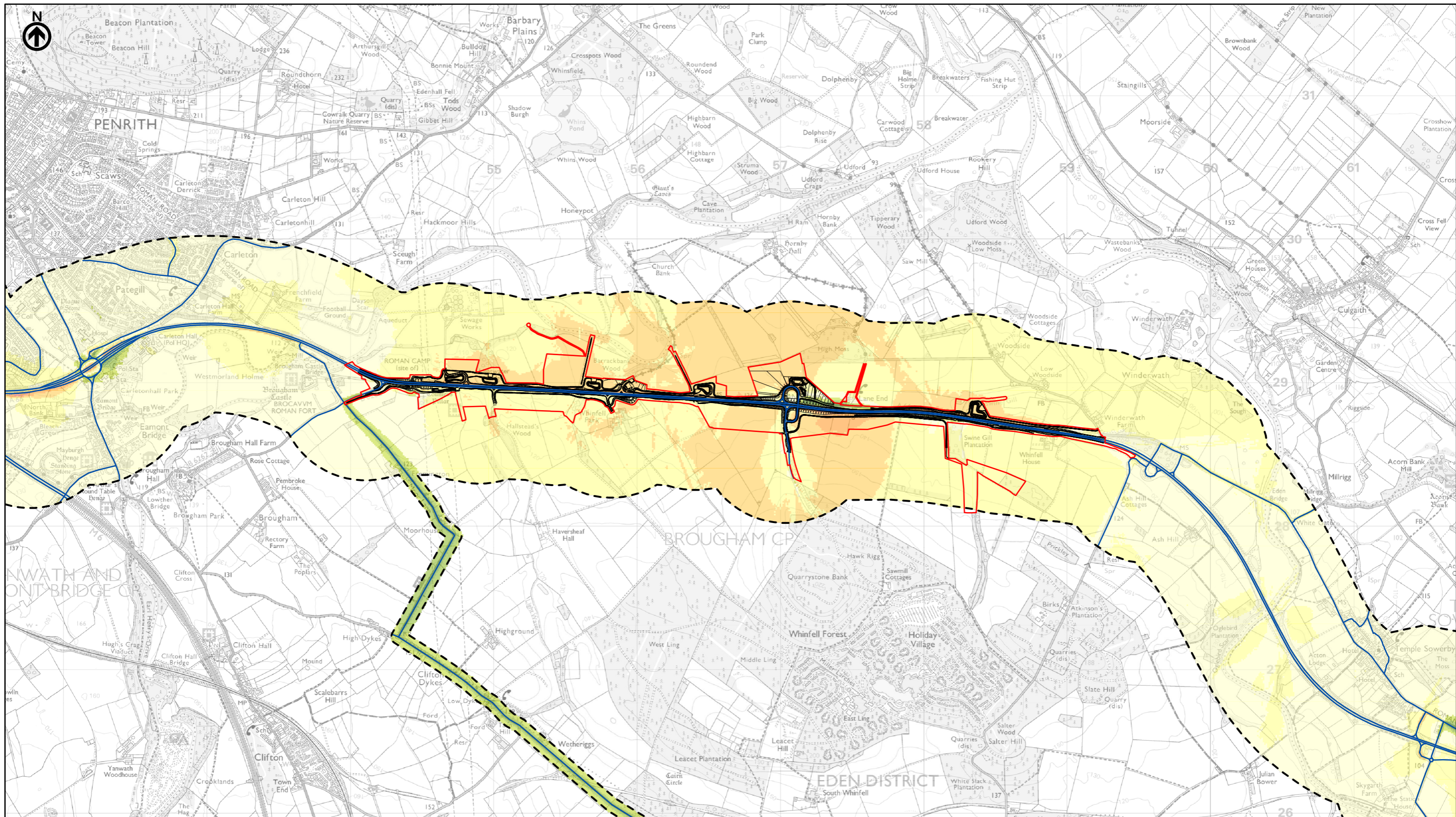
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4

Opening Year Alignment Noise Difference
 Scheme: 0102, M6 Junction 40 to Kemplay Bank
 Sheet 1 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	- ENV
Location		Type	Role
S00		MP	LN - 008088

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



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P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

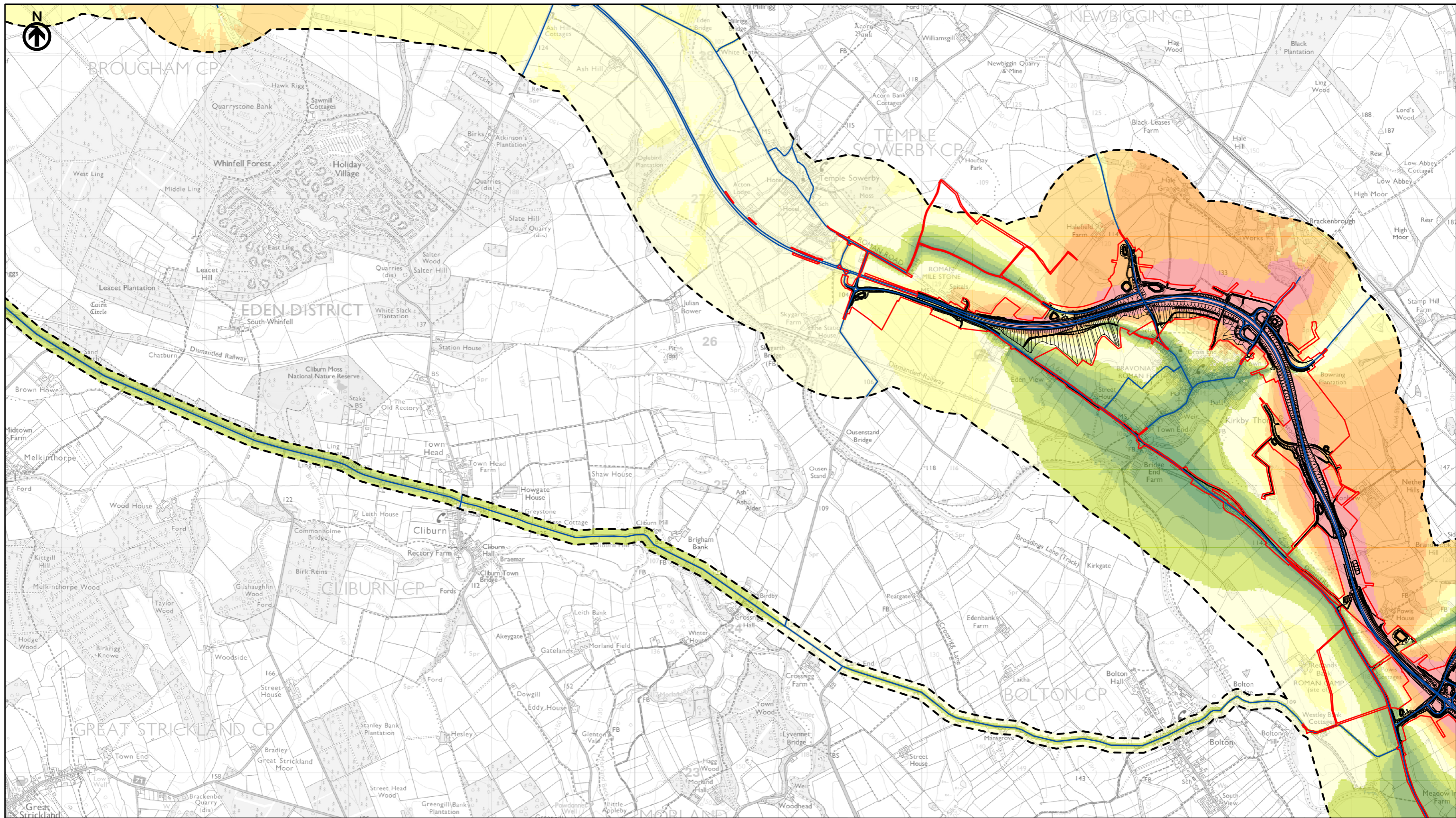
Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3
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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4
 Opening Year Alignment Noise Difference
 Scheme: 03, Penrith to Temple Sowerby
 Sheet 2 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	- ENV
S00	-	MP	- LN - 008089
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P02

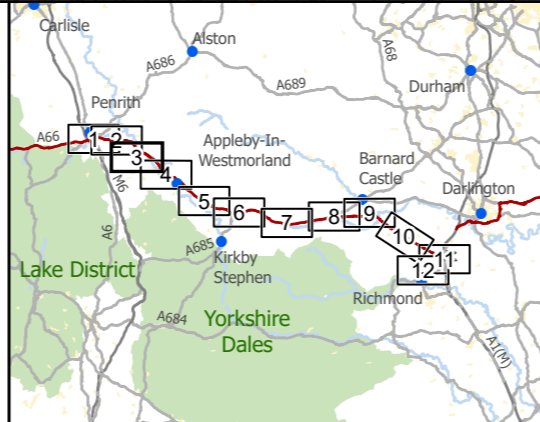
Suitability S4 | Suitability Description FIT FOR STAGE APPROVAL | Revision P02



— Route Alignment
 [Red Outline] Order Limits
 [Dashed Line] Operational Noise Study Area
 [Blue Line] Modelled Road Network - Do-Something Opening Year 2029

Predicted Difference in Noise Level dB(A) Opening Year - Short Term

Green	≤ -10
Light Green	-9.9 - -5
Yellow-Green	-4.9 - -3
Yellow	-2.9 - -1
Light Yellow	-0.9 - 0.9
Yellow-Orange	1 - 2.9
Orange	3 - 4.9
Dark Orange	5 - 9.9
Red	≥ 10



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P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

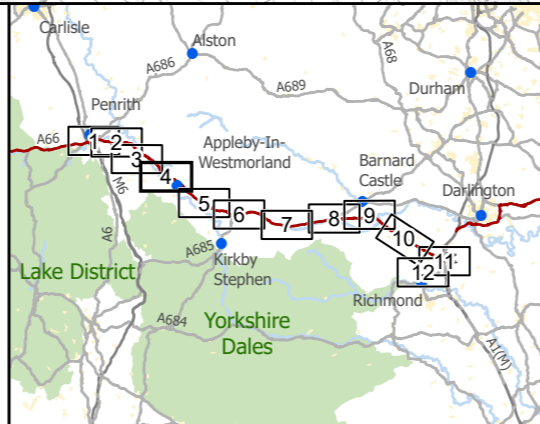
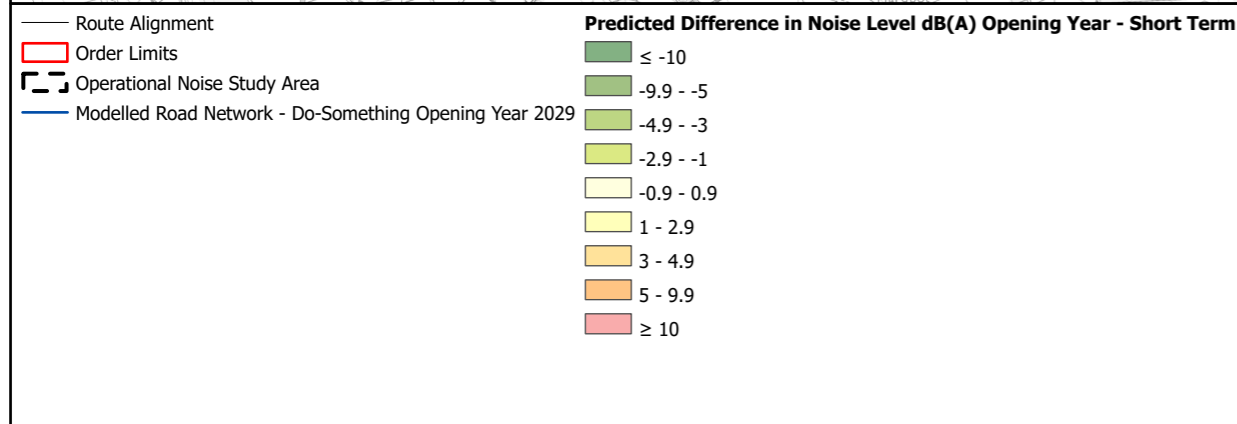
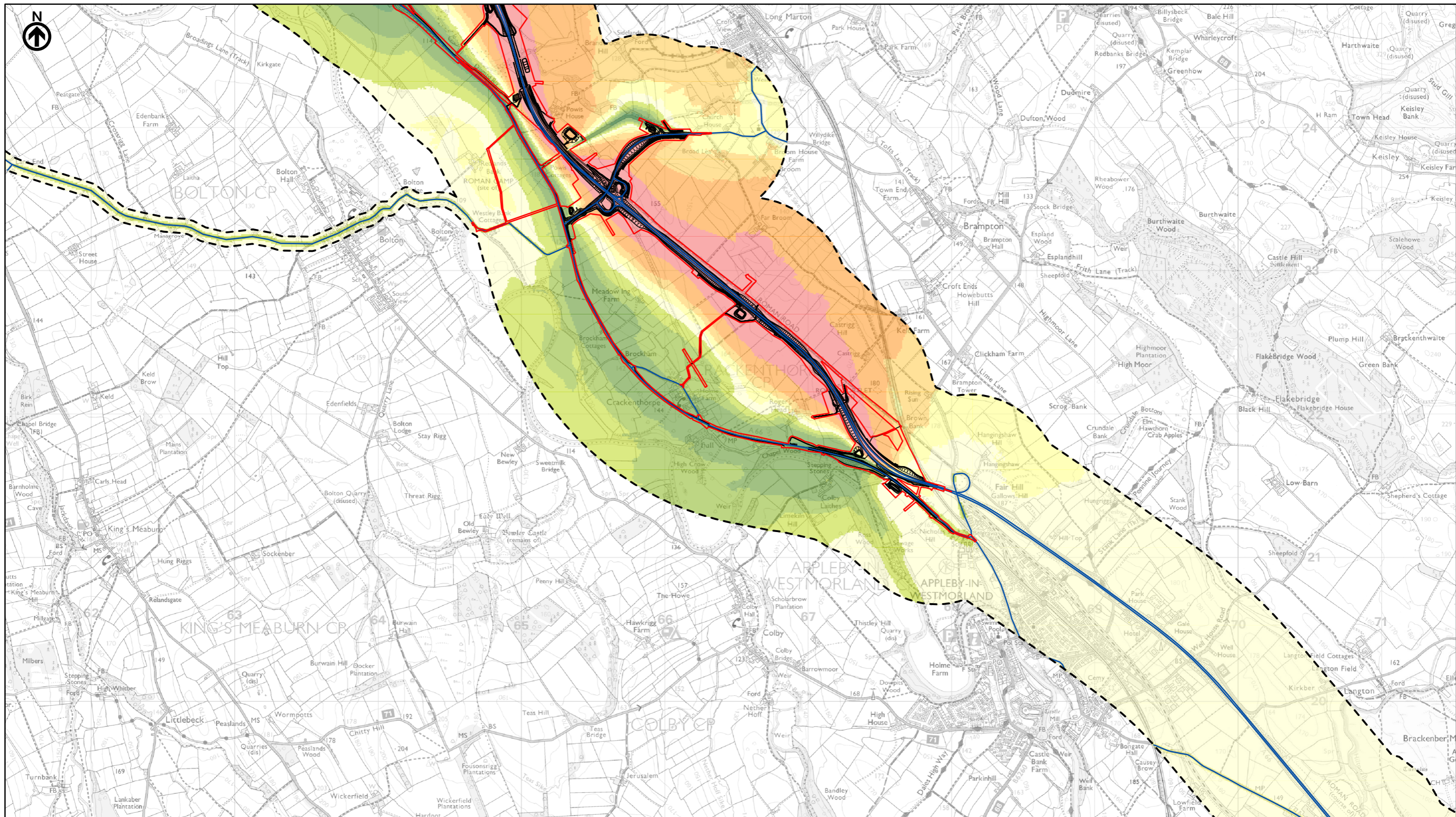
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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4
 Opening Year Alignment Noise Difference
 Scheme: 0405, Temple Sowerby to Appleby
 Sheet 3 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	- ENV
S00	-	MP	- LN - 008090
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P02

Suitability S4 | Suitability Description FIT FOR STAGE APPROVAL | Revision P02

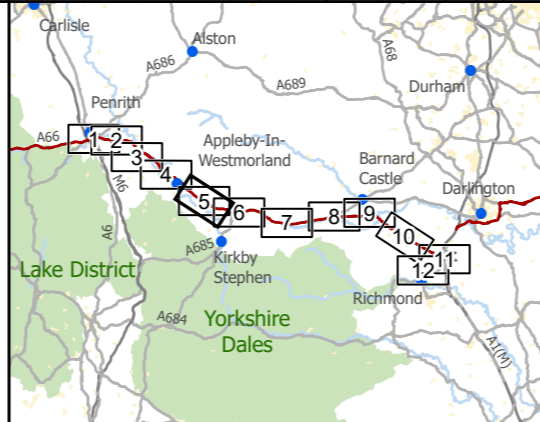
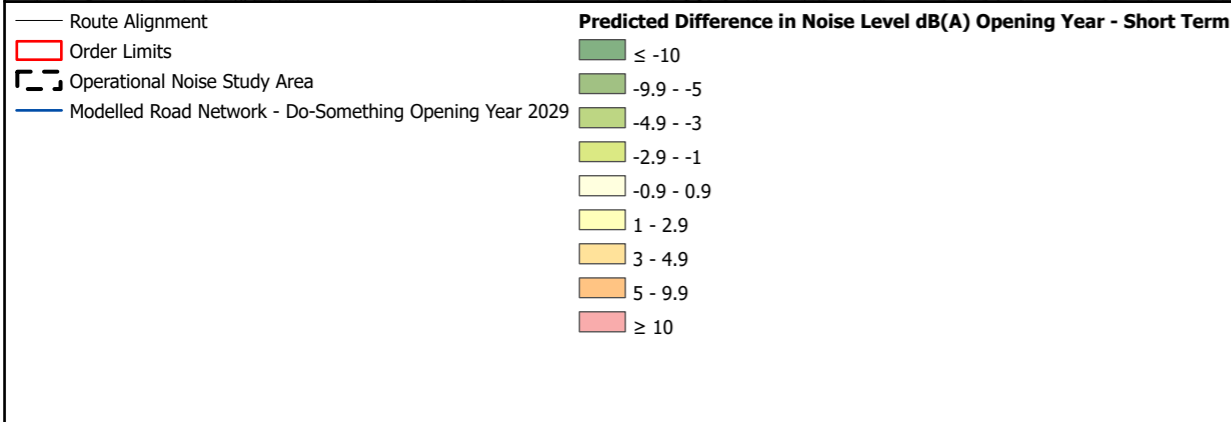
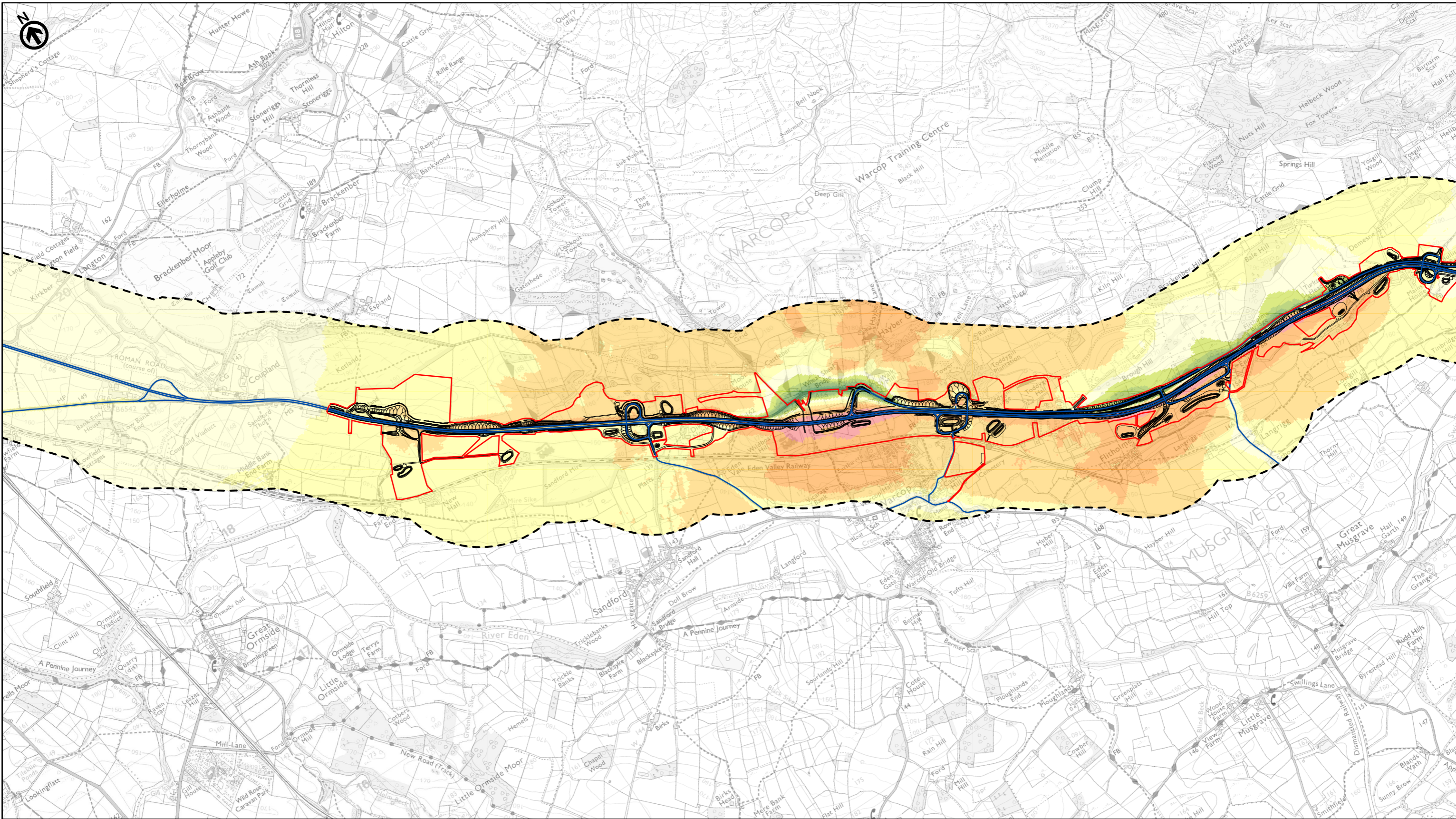


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P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 12.4			
Opening Year Alignment Noise Difference Scheme: 0405, Temple Sowerby to Appleby Sheet 4 of 12			
Map Number Project	Originator	Volume	
HE565627	AMY	ENV	
S00	-	MP - LN -	008091
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02



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P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
		16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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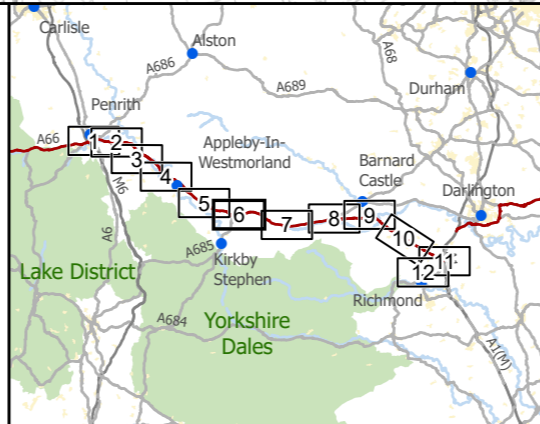
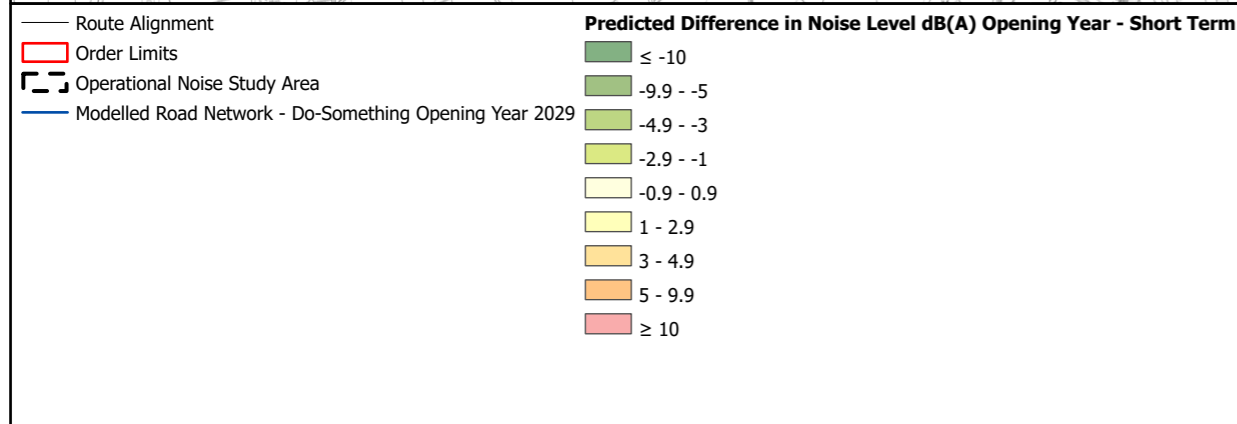
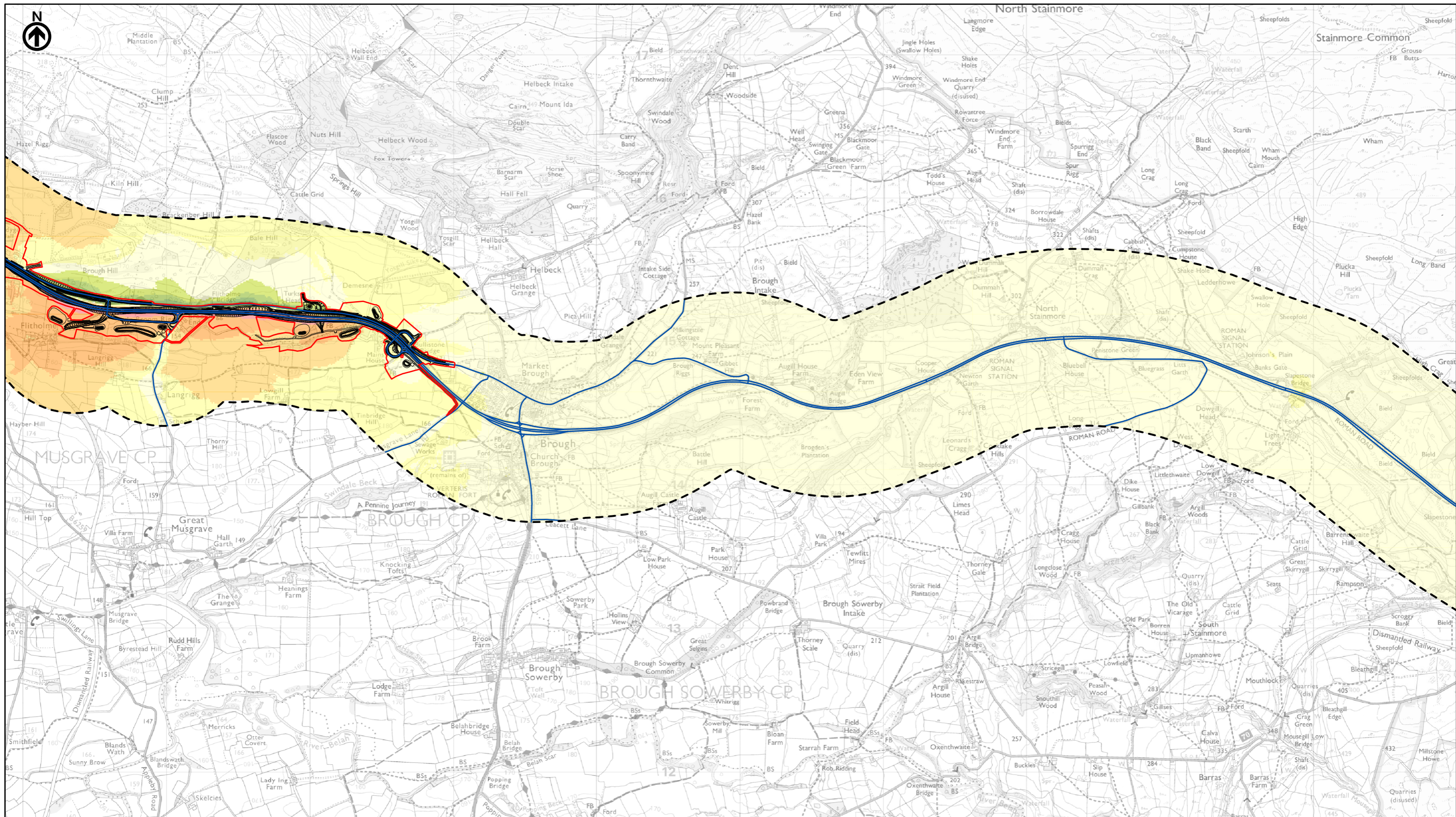
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4

Opening Year Alignment Noise Difference
 Scheme: 06, Appleby to Brough
 Sheet 5 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP	LN
Location		Type	Role
Suitability	S4	Location	Number
		Number	Revision
			P02

FIT FOR STAGE APPROVAL



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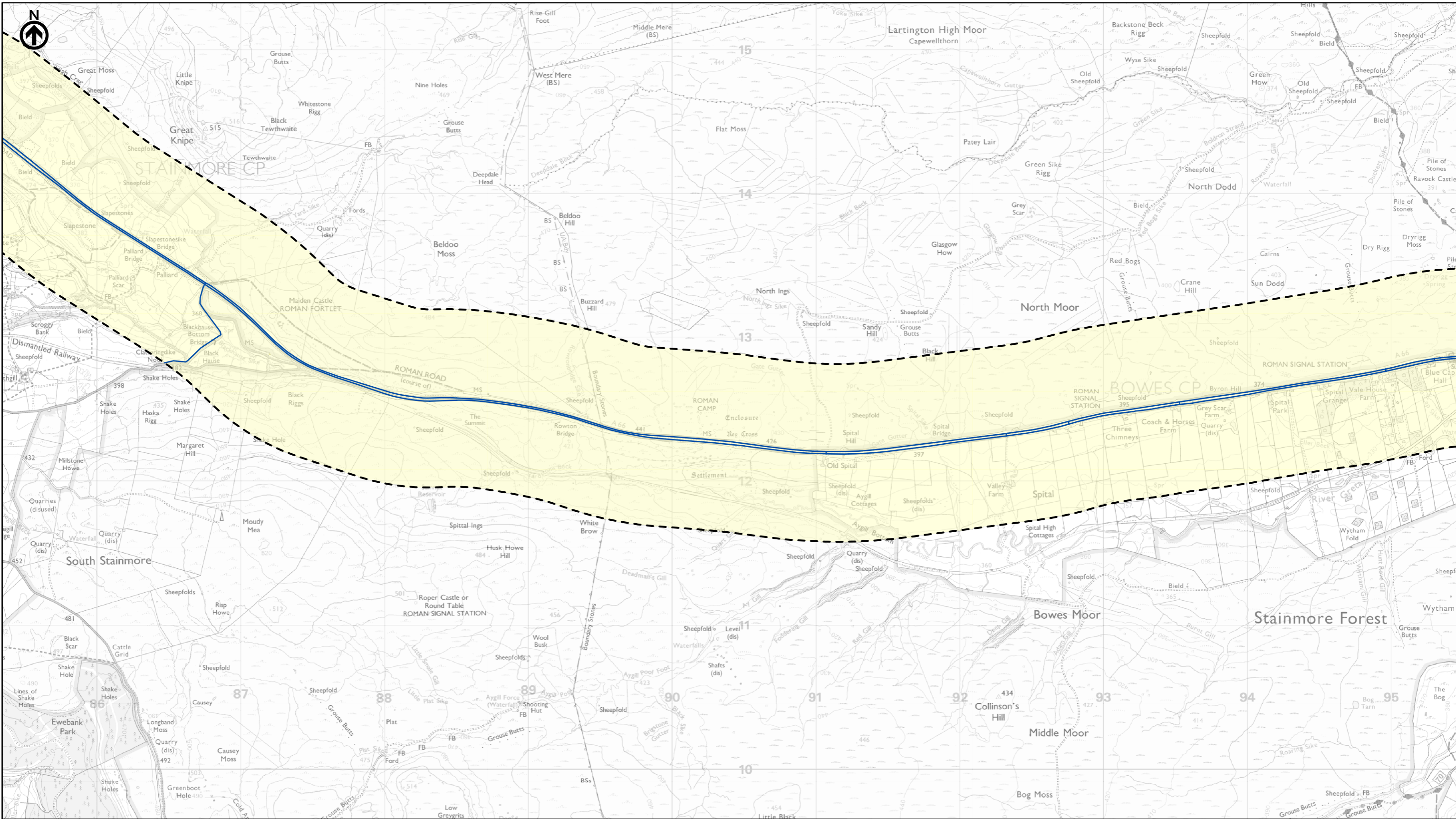
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		16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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Project Name
A66 Northern Trans-Pennine Project
 Map Title
Figure 12.4
 Opening Year Alignment Noise Difference
 Scheme: 06, Appley to Brough
 Sheet 6 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	ENV
S00	-	MP	LN - 008093
Location	Type	Role	Number
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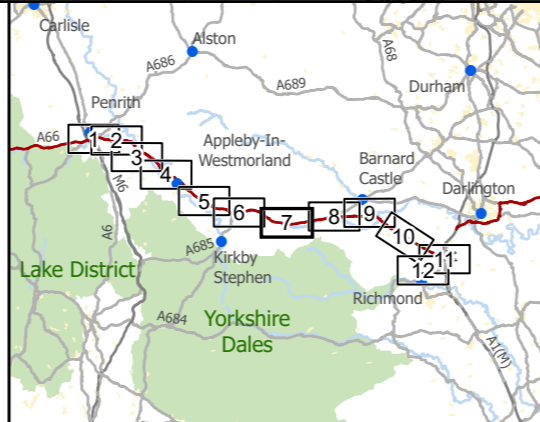
Suitability S4



— Route Alignment
 [Red Box] Order Limits
 [Dashed Line] Operational Noise Study Area
 [Blue Line] Modelled Road Network - Do-Something Opening Year 2029

Predicted Difference in Noise Level dB(A) Opening Year - Short Term

- ≤ -10
- 9.9 - -5
- 4.9 - -3
- 2.9 - -1
- 0.9 - 0.9
- 1 - 2.9
- 3 - 4.9
- 5 - 9.9
- ≥ 10



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P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

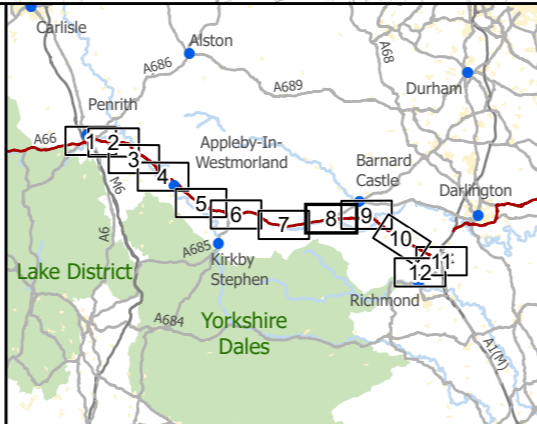
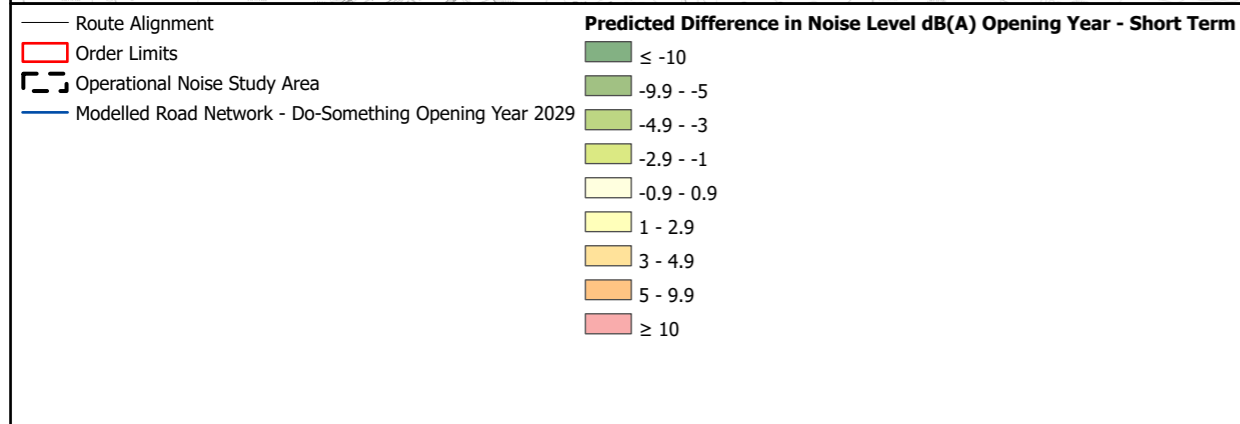
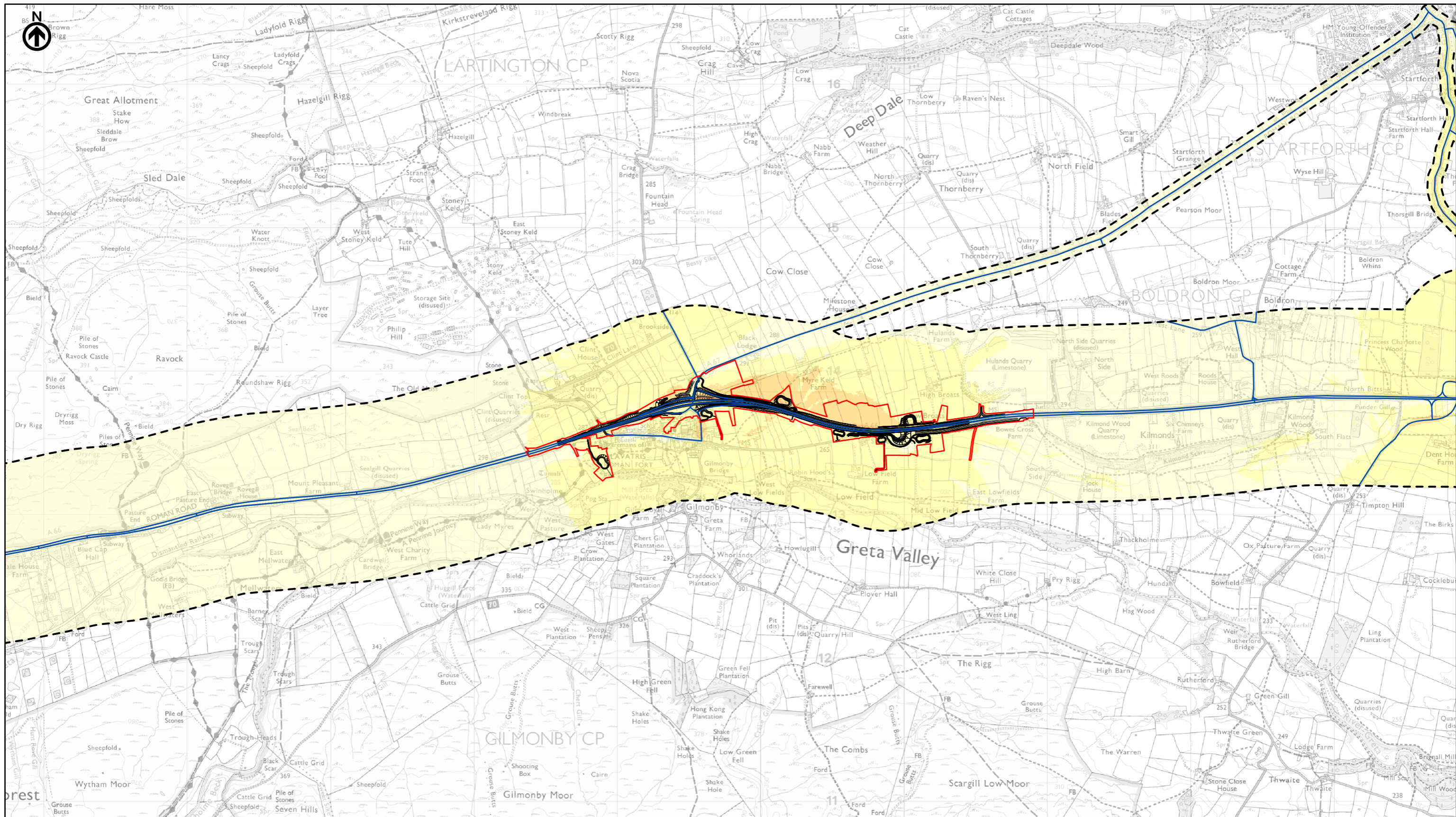
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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4

Opening Year Alignment Noise Difference
 Scheme: N/A, Operational Noise Study Area
 Sheet 7 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	ENV
S00	-	MP	LN
Location		Type	Role
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02



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P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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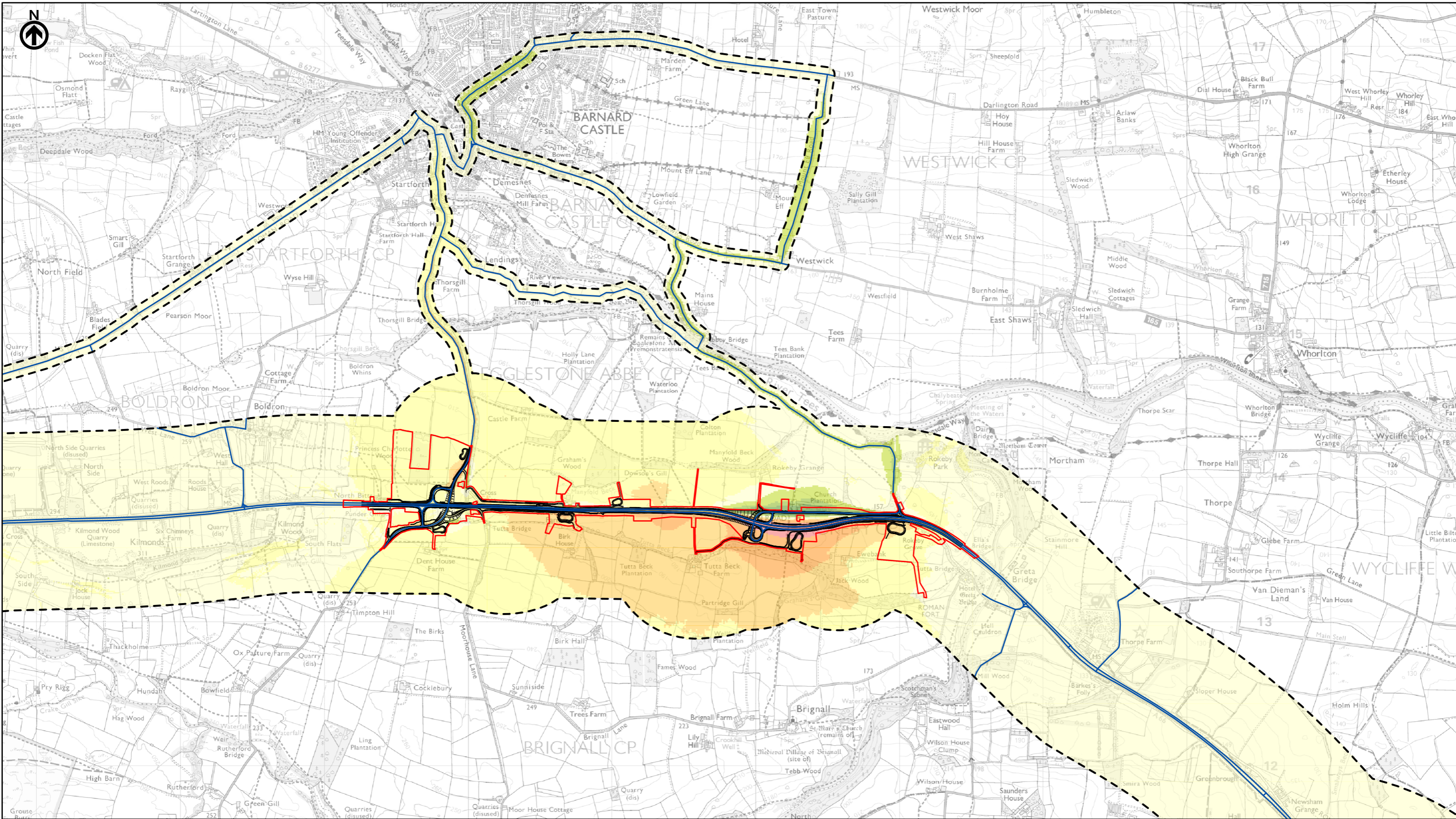
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4

Opening Year Alignment Noise Difference
 Scheme: 07, Bowes Bypass
 Sheet 8 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	- ENV
S00	-	MP	- LN - 008095
Location		Type	Role
S4			Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02

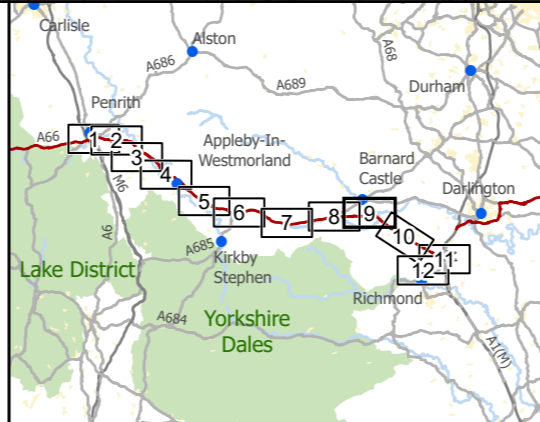
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— Route Alignment
 [Red Outline] Order Limits
 [Dashed Line] Operational Noise Study Area
 [Blue Line] Modelled Road Network - Do-Something Opening Year 2029

Predicted Difference in Noise Level dB(A) Opening Year - Short Term

- ≤ -10
- 9.9 - -5
- 4.9 - -3
- 2.9 - -1
- 0.9 - 0.9
- 1 - 2.9
- 3 - 4.9
- 5 - 9.9
- ≥ 10



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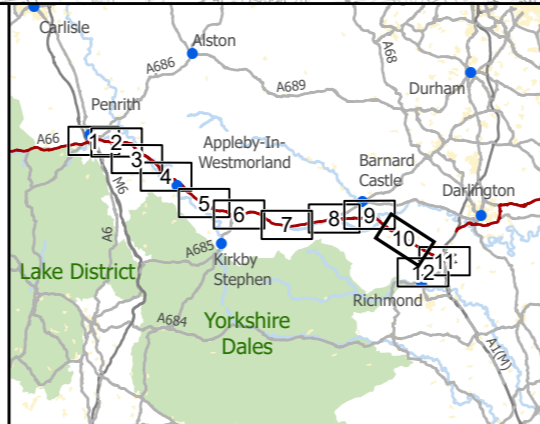
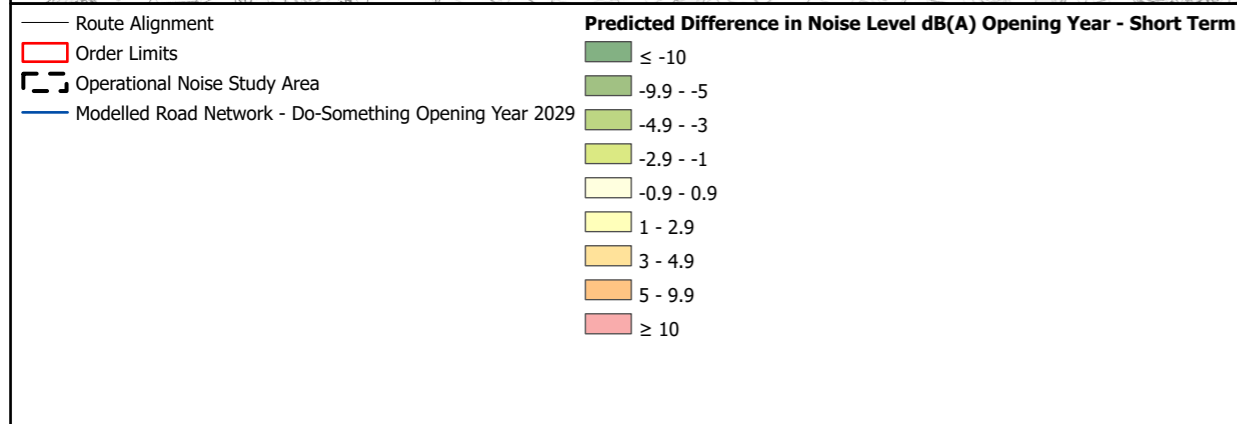
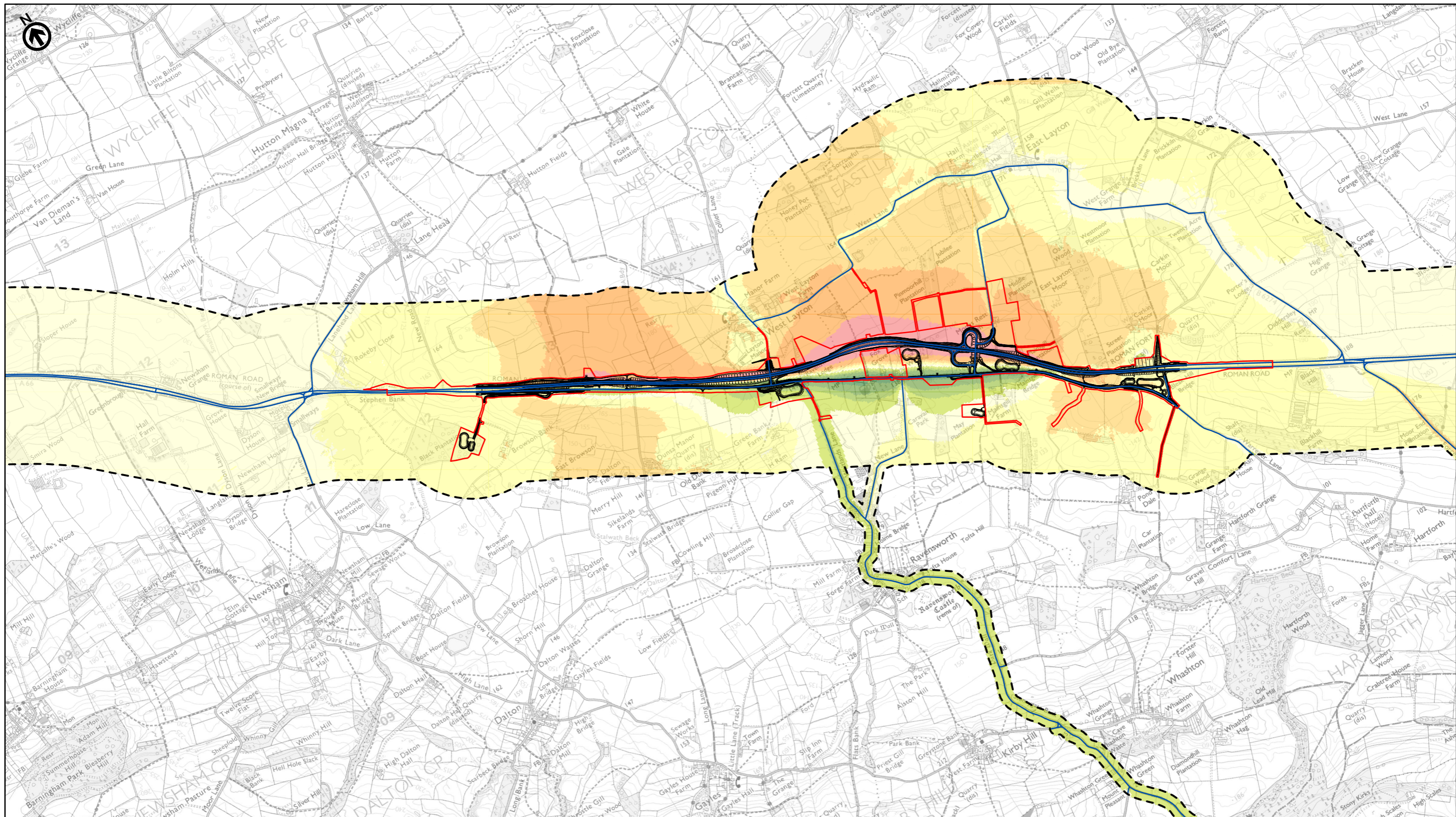
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	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
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Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4
Opening Year Alignment Noise Difference
Scheme: 08, Cross Lanes to Rokeby
Sheet 9 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	ENV
S00	-	MP	LN
Location		Type	Role
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02



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P02	First Issue	LHAN	MBUT	AMIT	KWHA
	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
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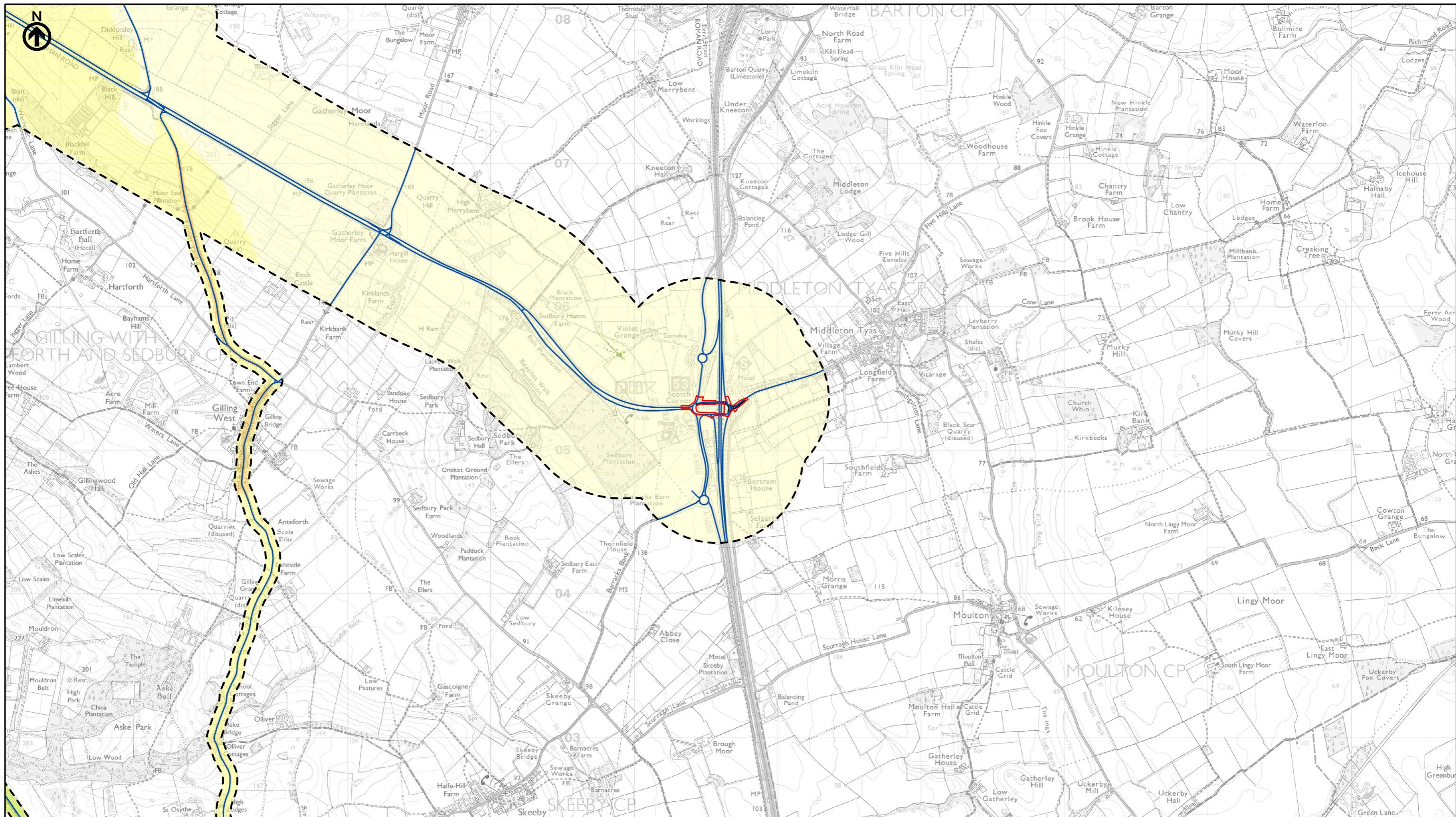
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4

Opening Year Alignment Noise Difference
 Scheme: 09, Stephen Bank to Carkin Moor
 Sheet 10 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	ENV
S00	-	MP	LN
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P02

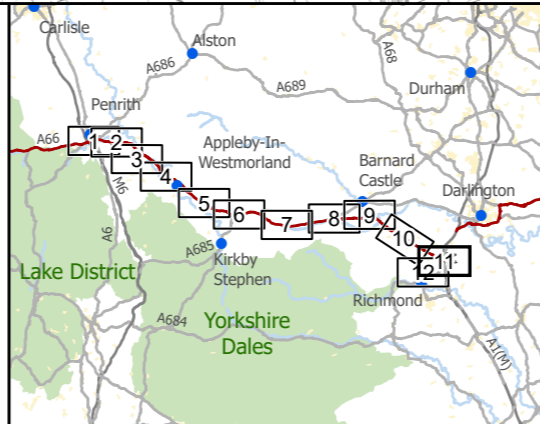
Suitability S4 | Suitability Description FIT FOR STAGE APPROVAL | Revision P02



— Route Alignment
 [Red Outline] Order Limits
 [Dashed Line] Operational Noise Study Area
 [Blue Line] Modelled Road Network - Do-Something Opening Year 2029

Predicted Difference in Noise Level dB(A) Opening Year - Short Term

- ≤ -10
- 9.9 - -5
- 4.9 - -3
- 2.9 - -1
- 0.9 - 0.9
- 1 - 2.9
- 3 - 4.9
- 5 - 9.9
- ≥ 10



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P02	First Issue				
	JBAR	LHAN	MBUT	AMIT	KWHA
	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
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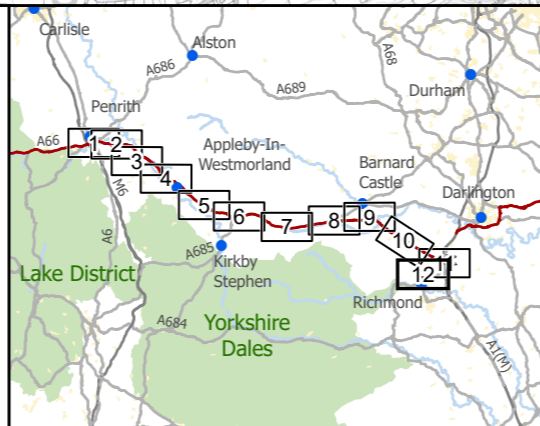
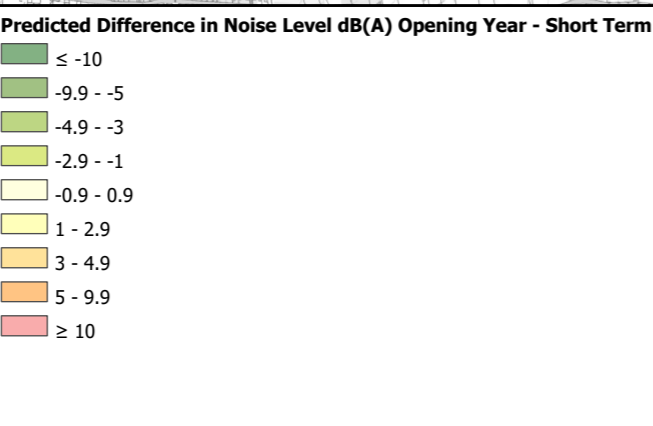
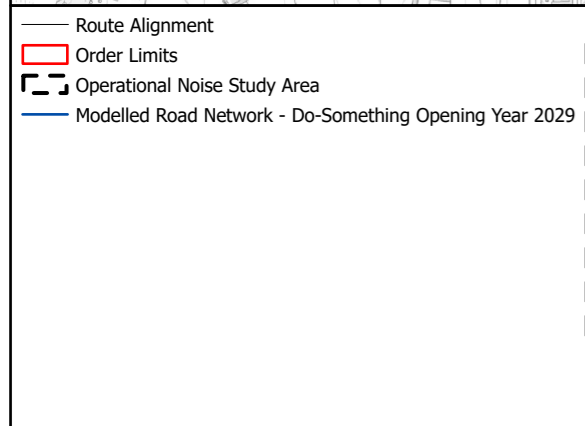
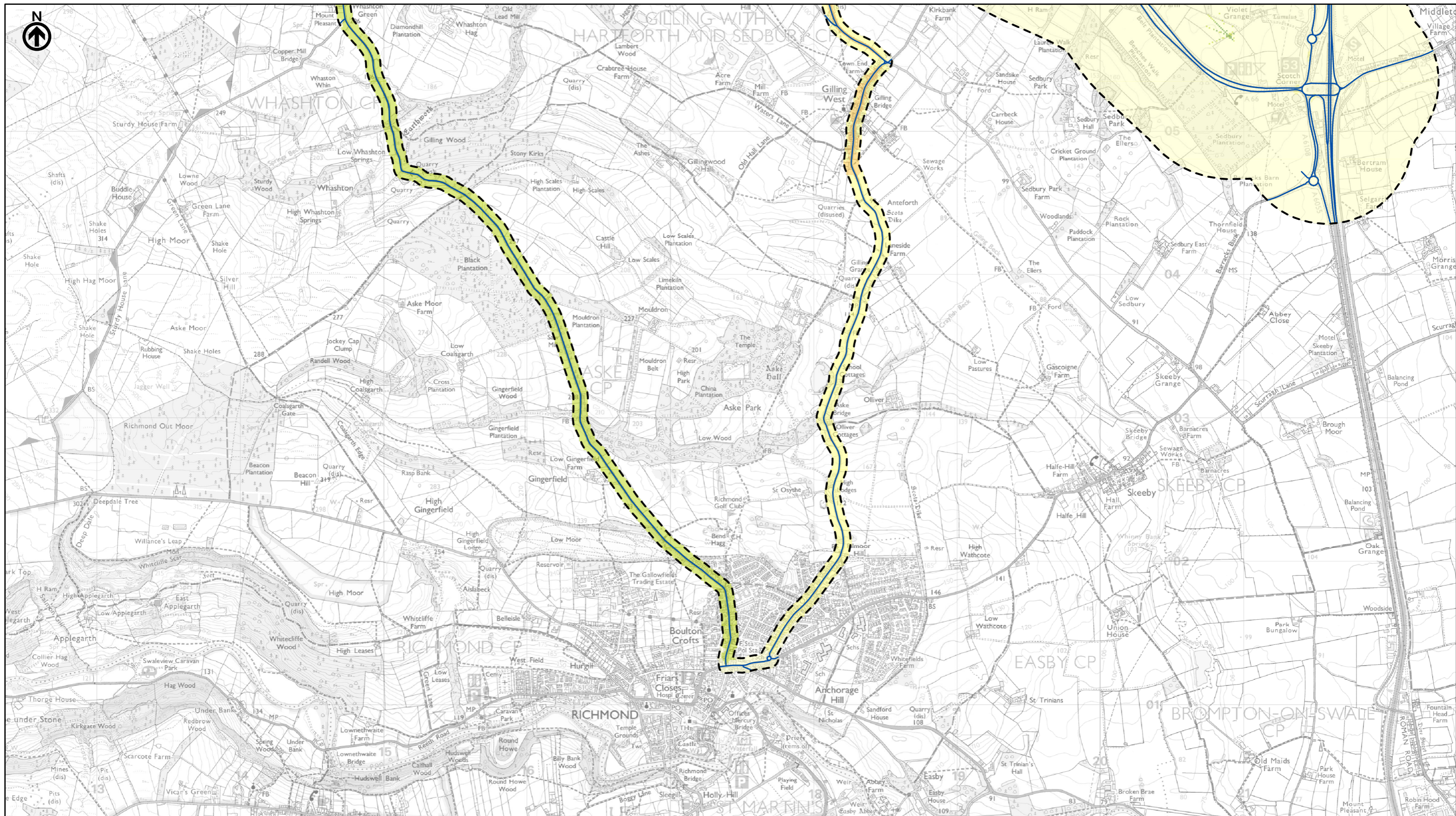
Project Name
A66 Northern Trans-Pennine Project

Map Title
Figure 12.4

Opening Year Alignment Noise Difference
 Scheme: 11, A1(M) Junction 53 Scotch Corner
 Sheet 11 of 12

Map Number	Project	Originator	Volume
HE565627	S00	AMY	ENV
	Location	Type	Role
			Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

Project Name A66 Northern Trans-Pennine Project			
Map Title Figure 12.4			
Opening Year Alignment Noise Difference			
Scheme: N/A, Operational Noise Study Area			
Sheet 12 of 12			
Map Number	Project	Originator	Volume
HE565627	-	AMY	ENV
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Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02