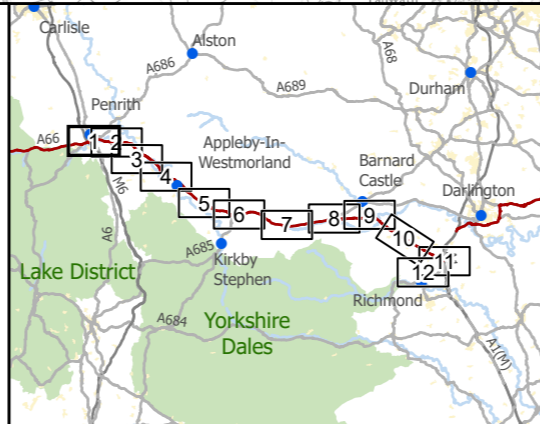


**Operational Noise Study Area**

**Modelled Road Network - Do-Minimum Future Year 2044**

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



**national highways**

3 Piccadilly Place  
Manchester  
M1 3BN

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

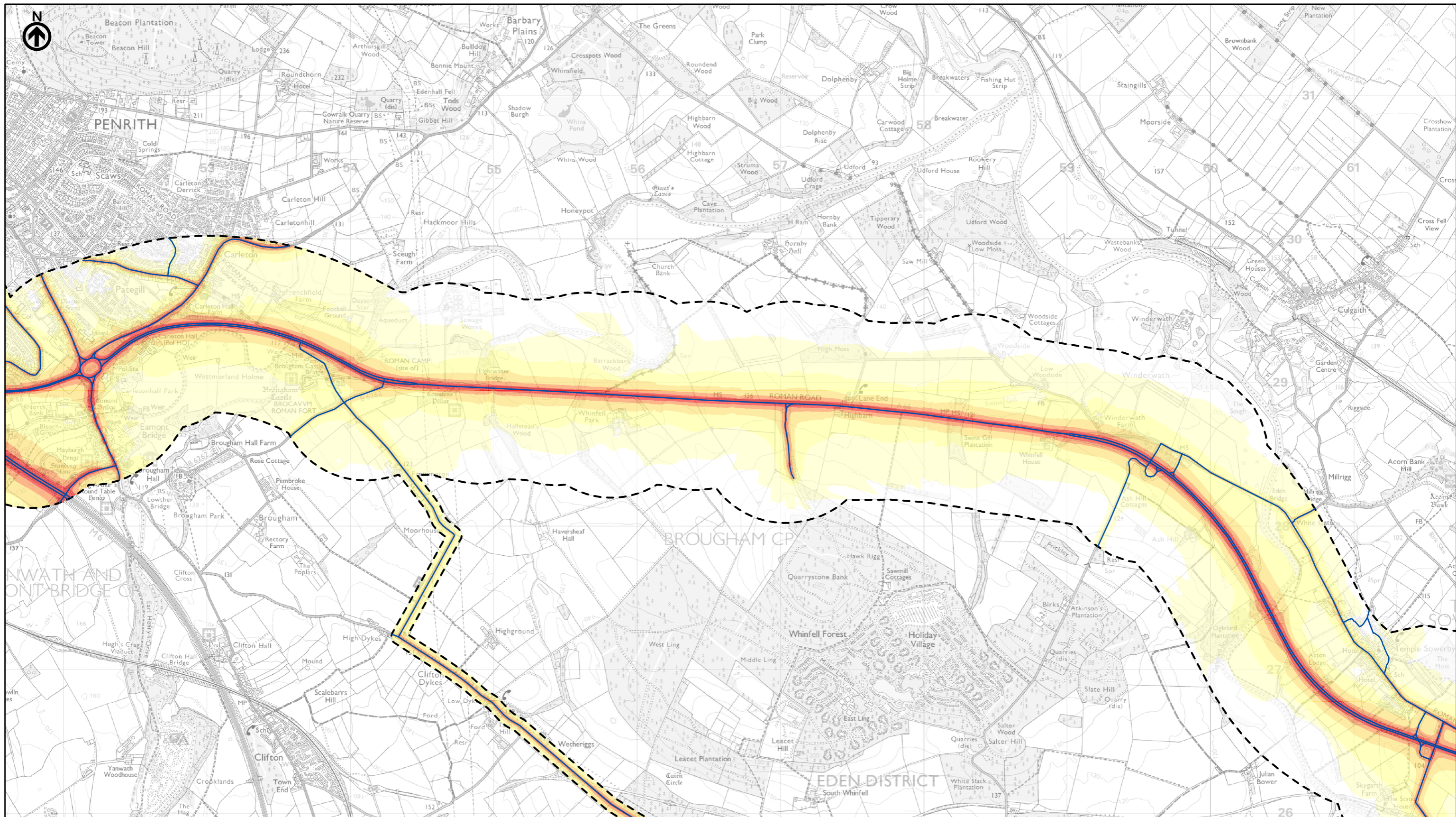
Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3  
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**Project Name**  
A66 Northern Trans-Pennine Project

**Map Title**  
Figure 12.5  
Future Year Do-Minimum Noise Level  
Scheme: 0102, M6 Junction 40 to Kemplay Bank  
Sheet 1 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	- ENV
	S00	- MP	- LN - 008100
	Location	Type	Role

Suitability	Suitability Description	Revision
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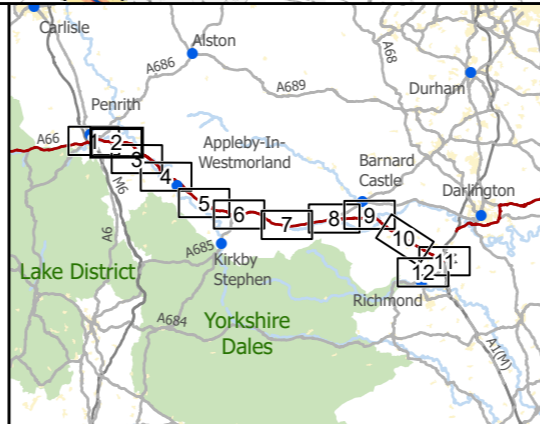


**Operational Noise Study Area**

**Modelled Road Network - Do-Minimum Future Year 2044**

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



**national highways**

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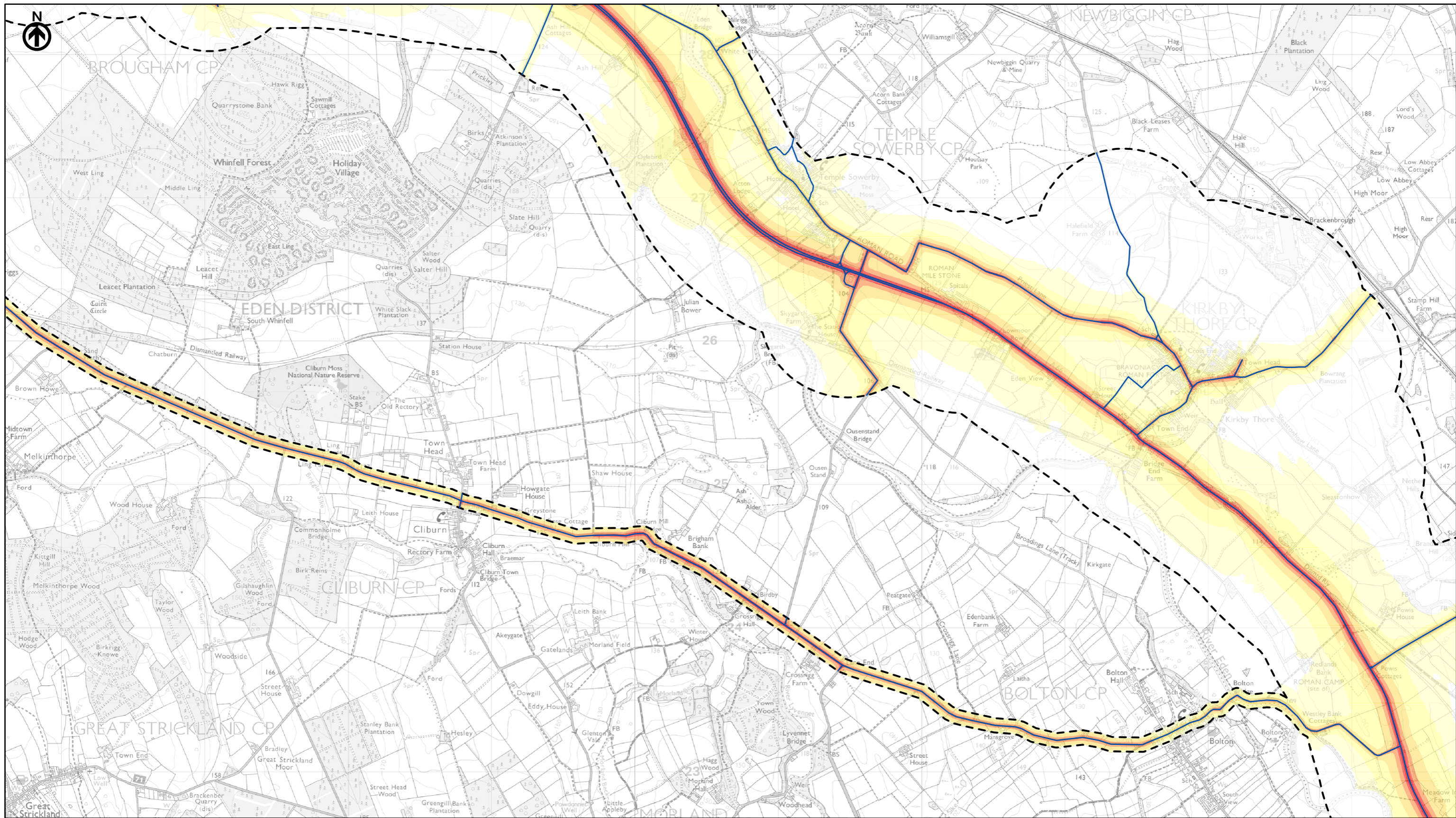
P02	First Issue				
	JBAR	LHAN	MBUT	AMIT	KWHA
	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

Kilometres

0 1 2

Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3  
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Project Name <b>A66 Northern Trans-Pennine Project</b>			
Map Title <b>Figure 12.5</b>			
Future Year Do-Minimum Noise Level Scheme: 03, Penrith to Temple Sowerby			
Sheet 2 of 12			
Map Number Project	Originator	Volume	
HE565627	AMY	ENV	
S00	-	MP	LN - 008101
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02

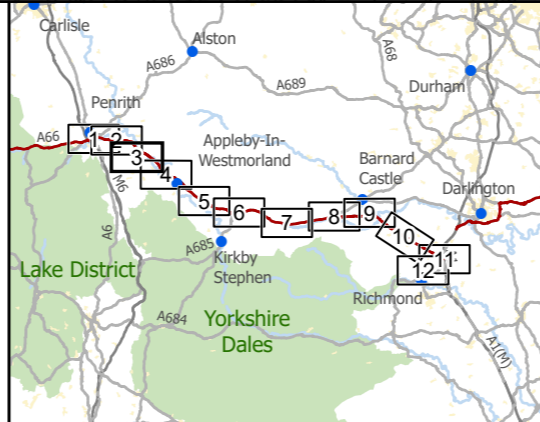


**Operational Noise Study Area**

**Modelled Road Network - Do-Minimum Future Year 2044**

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



**national highways**

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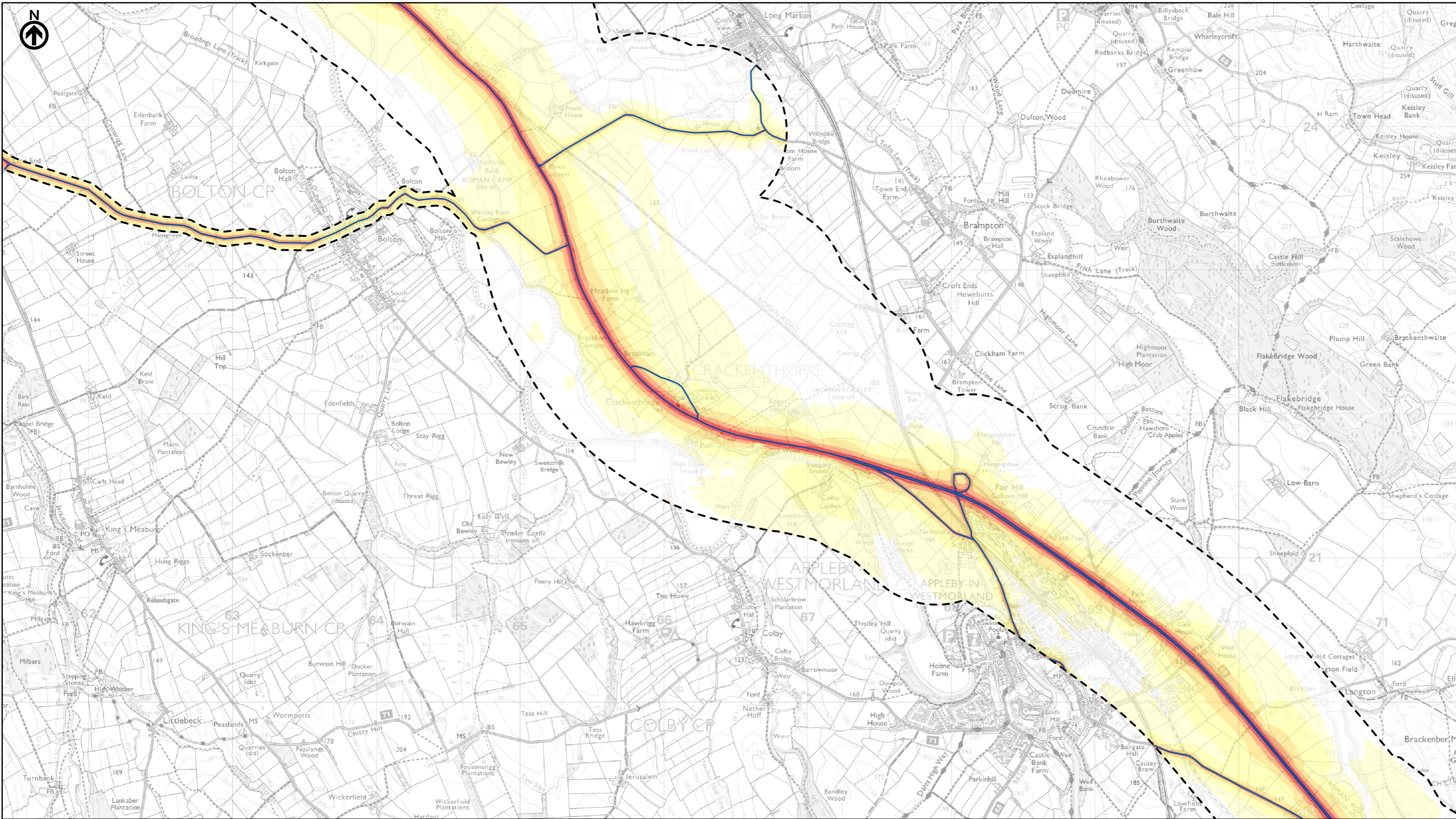
P02	First Issue	JBAR	LHAN	MBUT	AMIT	KWHA
	Created	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

Kilometres

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Project Name <b>A66 Northern Trans-Pennine Project</b>			
Map Title <b>Figure 12.5</b>			
Future Year Do-Minimum Noise Level			
Scheme: 0405, Temple Sowerby to Appleby			
Sheet 3 of 12			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	MP - LN - 008102
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02

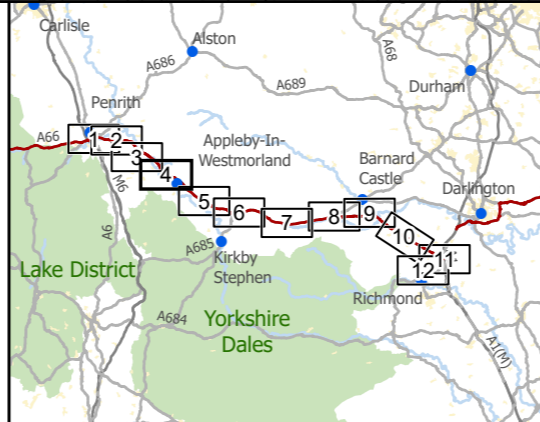


**Operational Noise Study Area**

— Modelled Road Network - Do-Minimum Future Year 2044

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



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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	

Kilometres

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

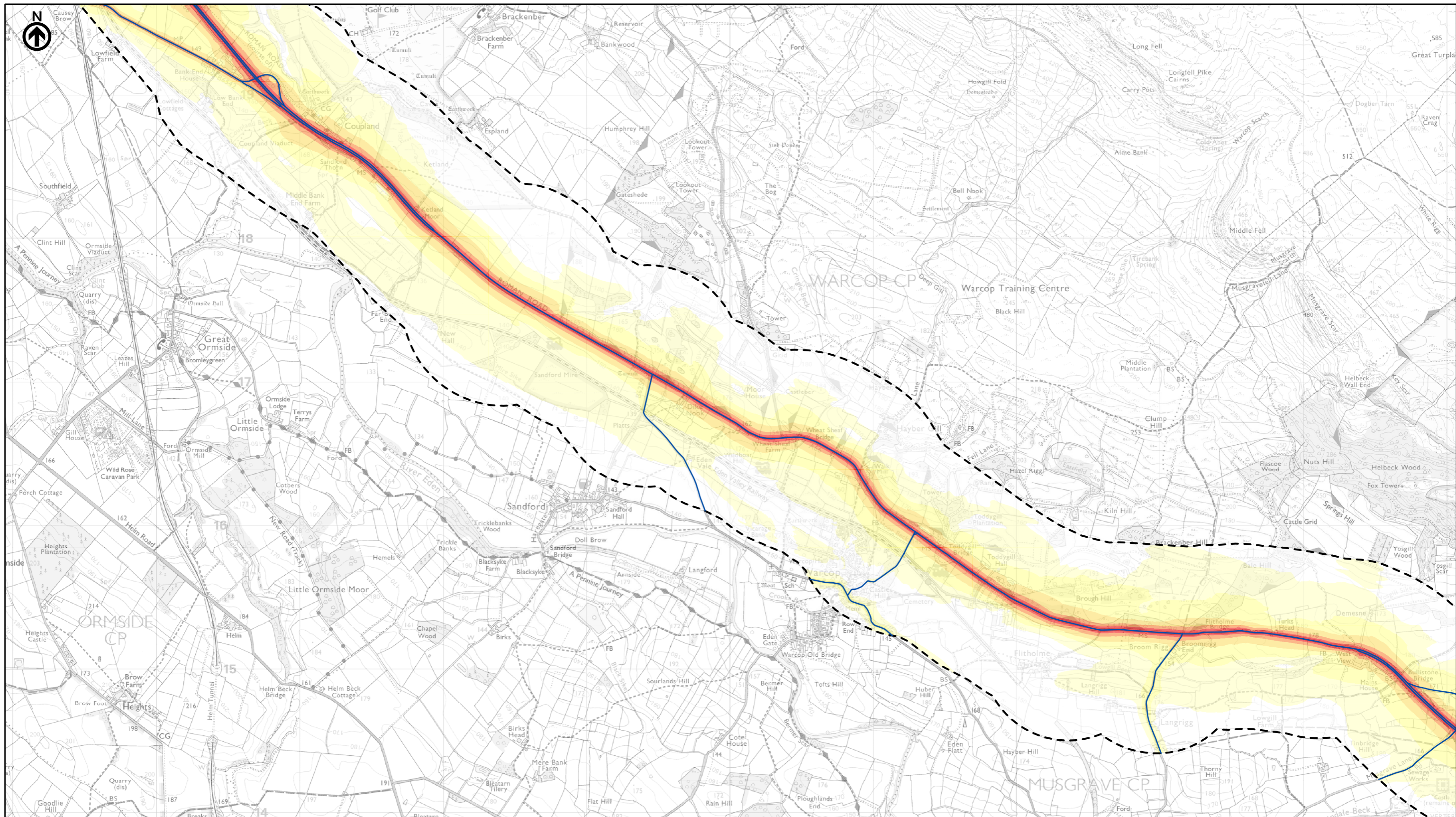
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Project Name  
**A66 Northern Trans-Pennine Project**

Map Title  
**Figure 12.5**

Future Year Do-Minimum Noise Level  
Scheme: 0405, Temple Sowerby to Appleby  
Sheet 4 of 12

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

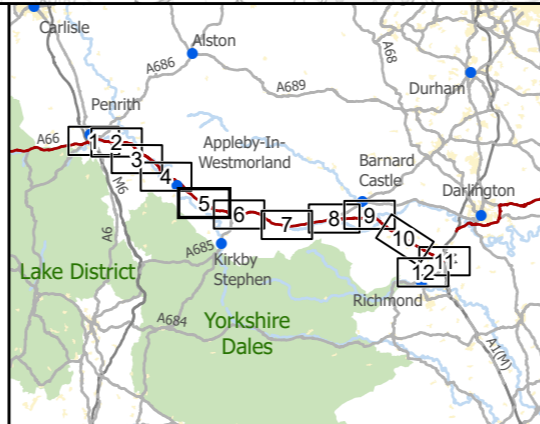


**Operational Noise Study Area**

— Modelled Road Network - Do-Minimum Future Year 2044

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



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

Kilometres

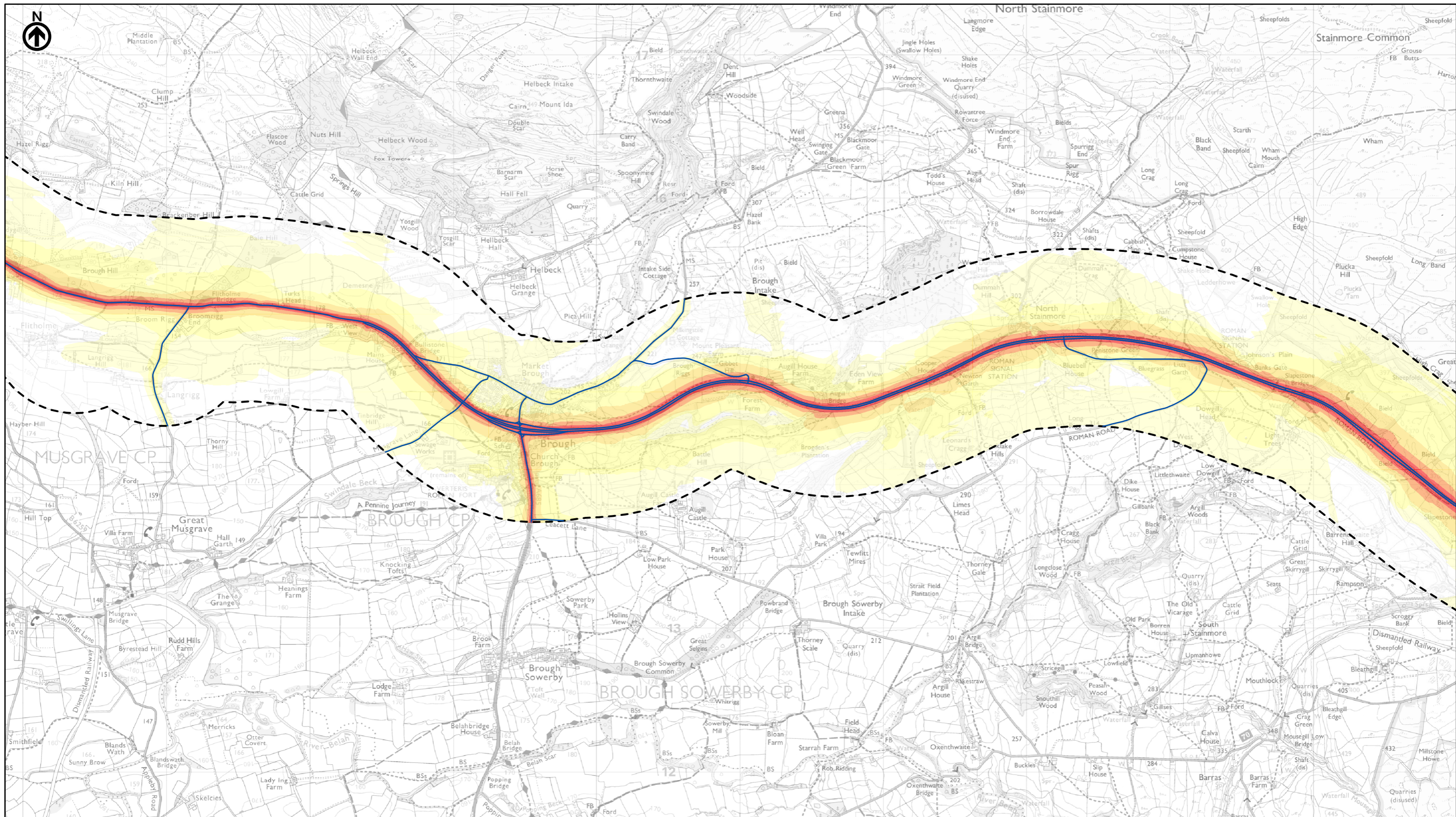
Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3  
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**Project Name**  
A66 Northern Trans-Pennine Project

**Map Title**  
Figure 12.5  
Future Year Do-Minimum Noise Level  
Scheme: 06, Appleby to Brough  
Sheet 5 of 12

Map Number	Project	Originator	Volume
HE565627	S00	AMY	ENV
Location	Type	Role	Number
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Suitability: S4  
Revision: P02

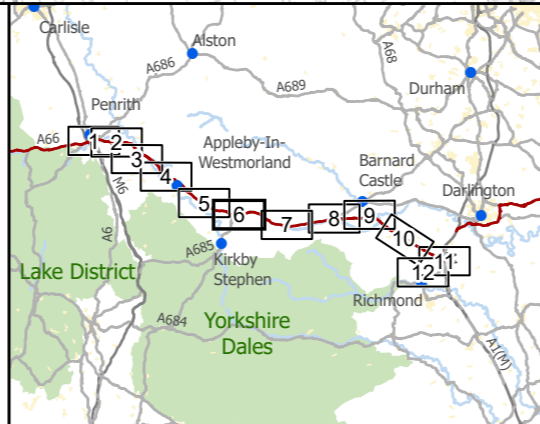


**Operational Noise Study Area**

— Modelled Road Network - Do-Minimum Future Year 2044

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



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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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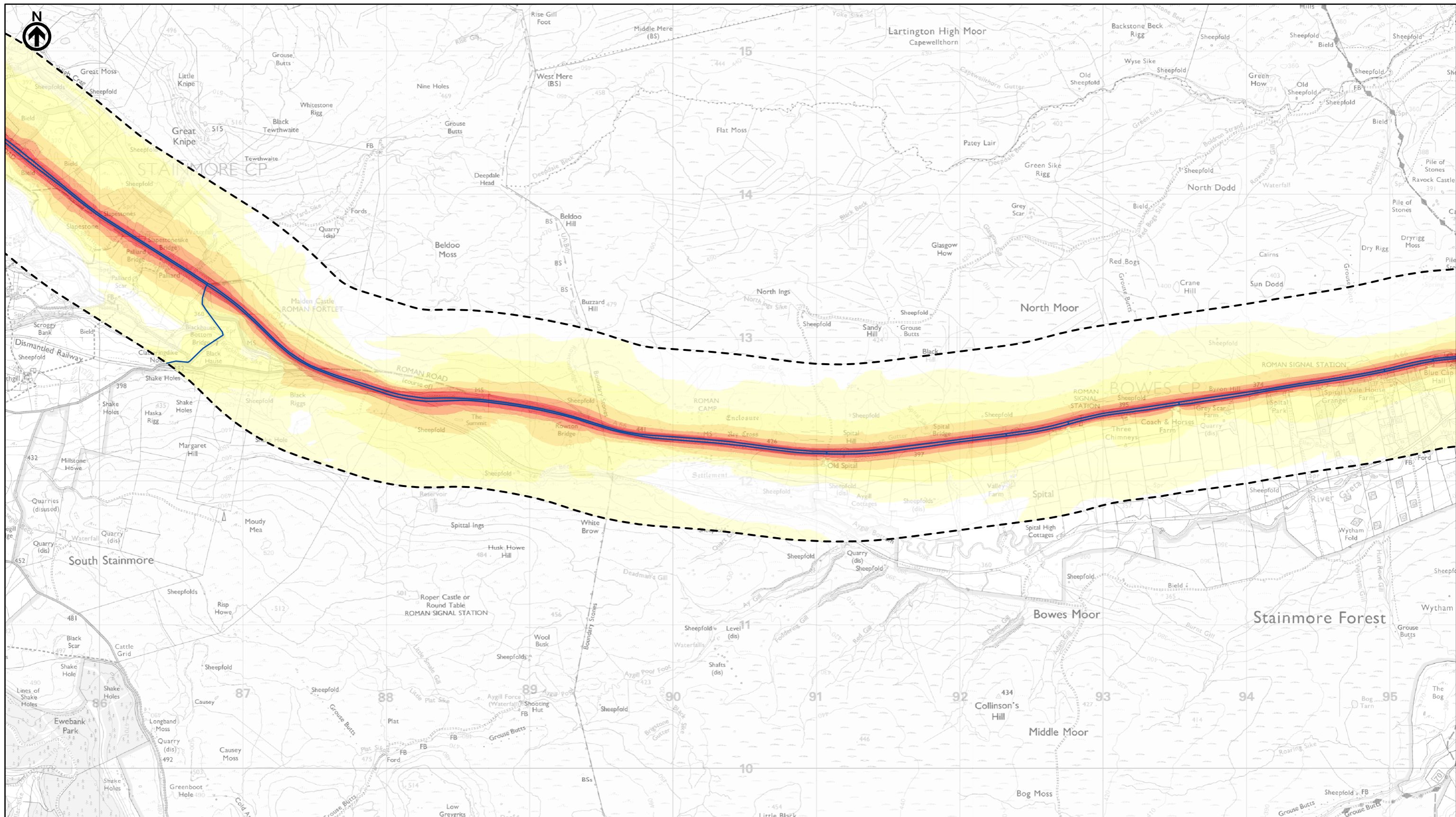
Project Name  
**A66 Northern Trans-Pennine Project**

Map Title  
**Figure 12.5**

Future Year Do-Minimum Noise Level  
Scheme: 06, Appleby to Brough  
Sheet 6 of 12

Map Number	Project	Originator	Volume
HE565627	-	AMY	- ENV
S00	-	MP	- LN - 008105
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P02

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

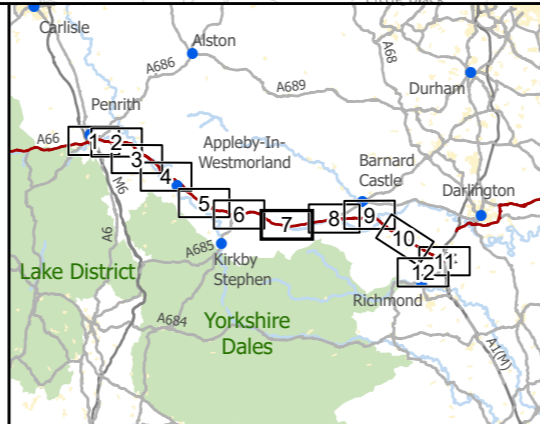


**Operational Noise Study Area**

**Modelled Road Network - Do-Minimum Future Year 2044**

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



**national highways**

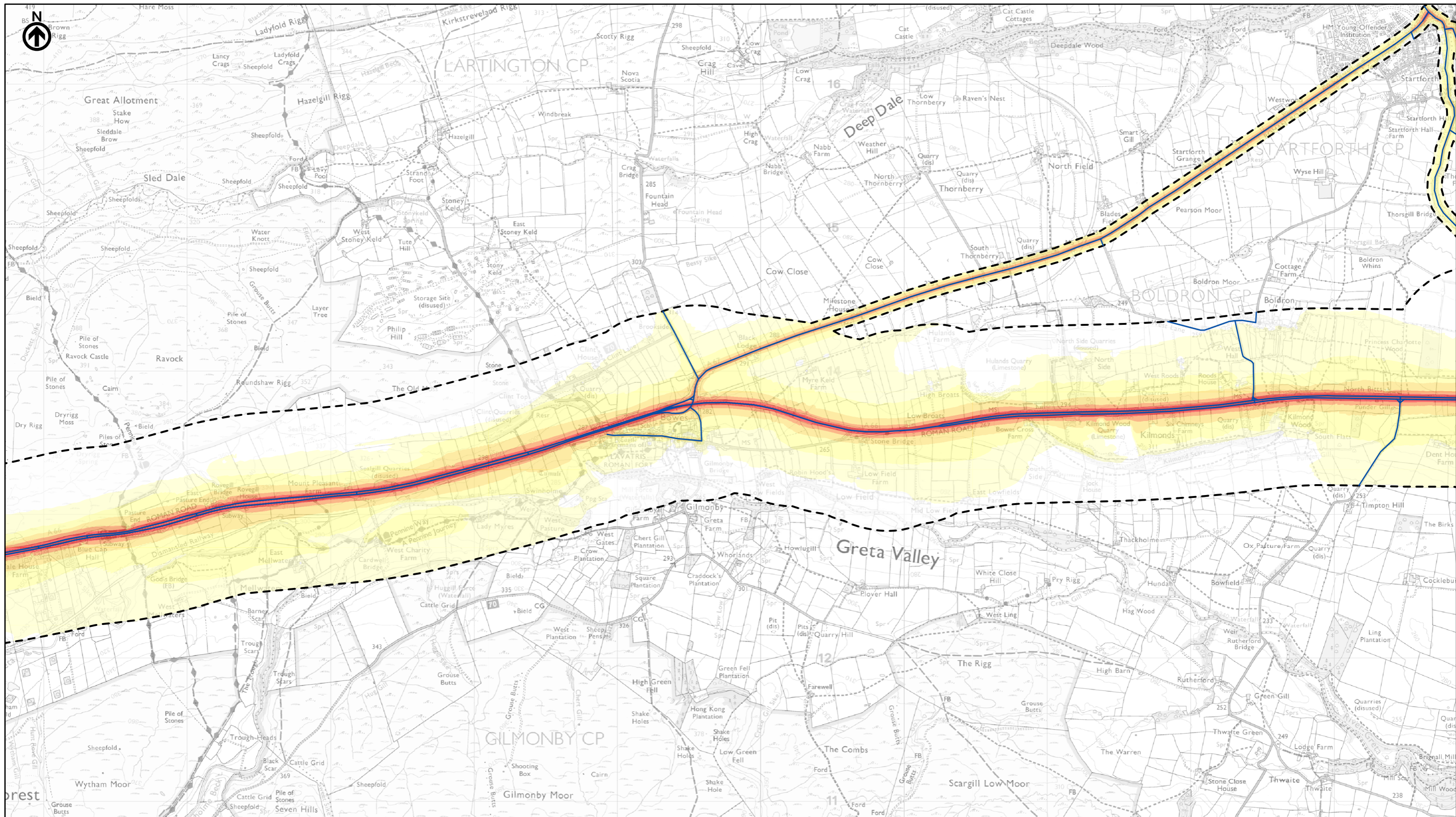
3 Piccadilly Place  
Manchester  
M1 3BN

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	

Kilometres

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Project Name <b>A66 Northern Trans-Pennine Project</b>			
Map Title <b>Figure 12.5</b>			
Future Year Do-Minimum Noise Level			
Scheme: N/A, Operational Noise Study Area			
Sheet 7 of 12			
Map Number Project	Originator	Volume	
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S00	MP	LN	008106
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P02

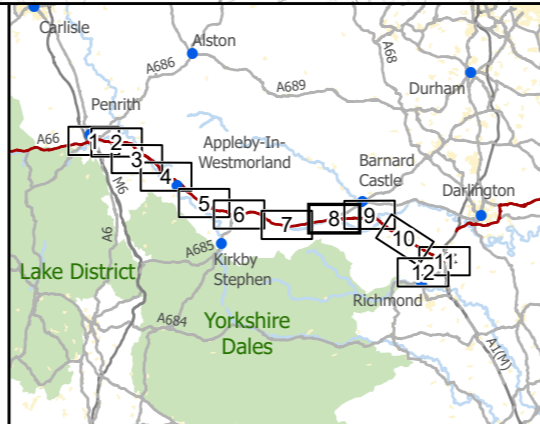


**Operational Noise Study Area**

**Modelled Road Network - Do-Minimum Future Year 2044**

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



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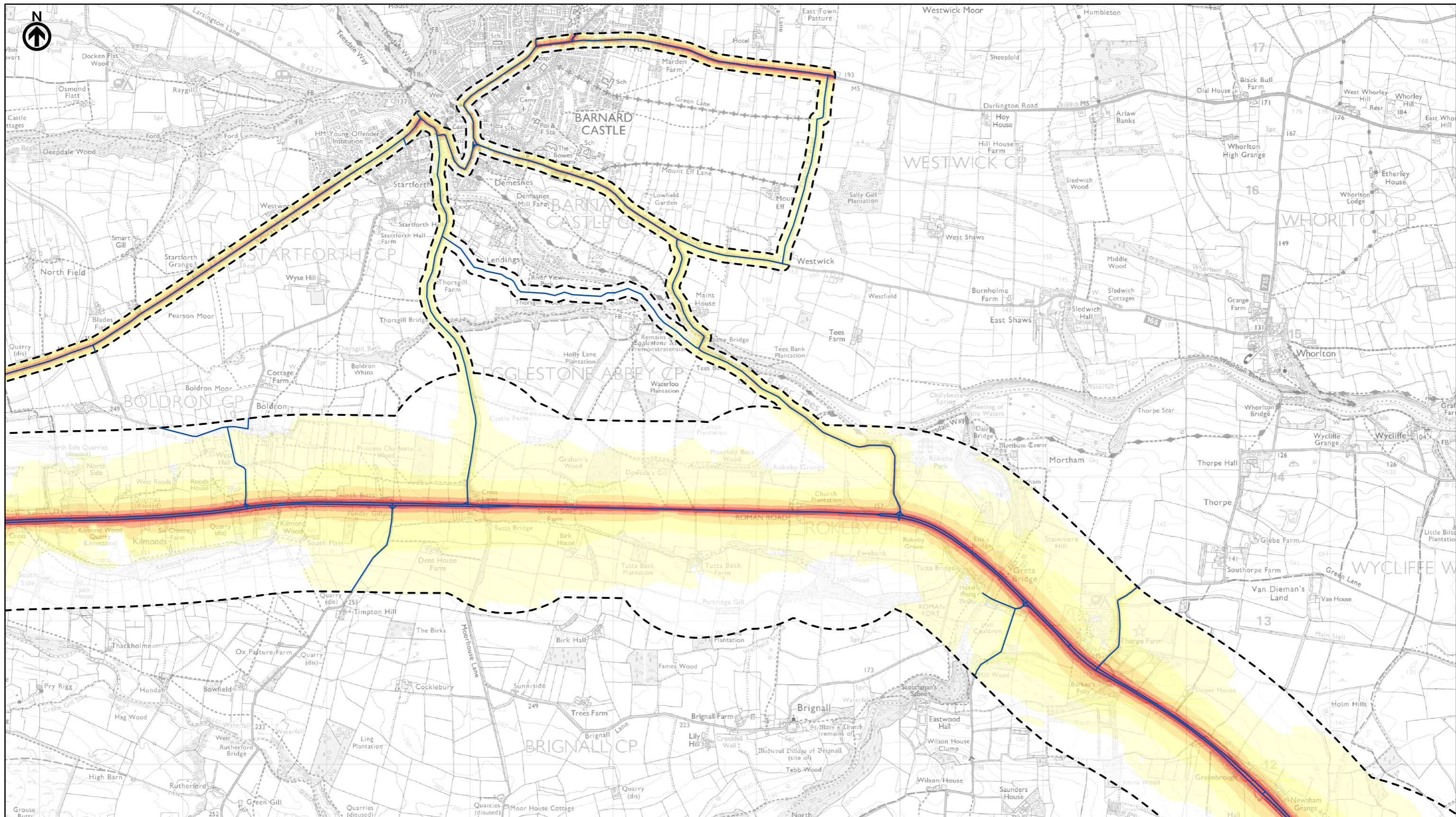
P02	First Issue				
	JBAR	LHAN	MBUT	AMIT	KWHA
	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name <b>A66 Northern Trans-Pennine Project</b>			
Map Title <b>Figure 12.5</b>			
Future Year Do-Minimum Noise Level <b>Scheme: 07, Bowes Bypass</b>			
Sheet 8 of 12			
Map Number Project	Originator	Volume	
HE565627	AMY	ENV	
Location S00		MP - LN - 008107	
Suitability S4		Type   Role   Number	
Suitability Description <b>FIT FOR STAGE APPROVAL</b>		Revision <b>P02</b>	



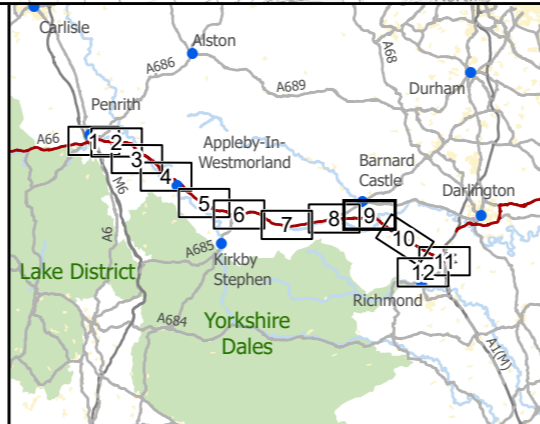


**Operational Noise Study Area**

**Modelled Road Network - Do-Minimum Future Year 2044**

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



**national highways**

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Revision	Created	Checked	Reviewed	Approved	Authorised
P02	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22

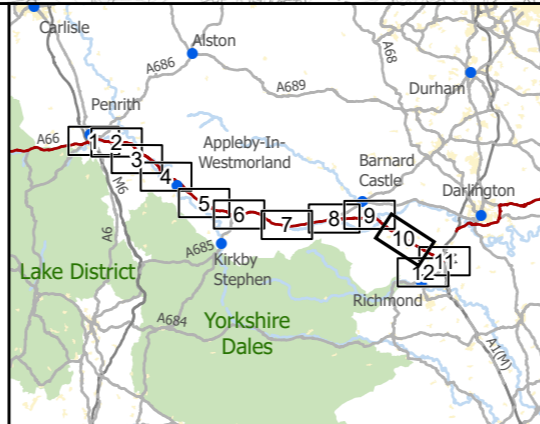
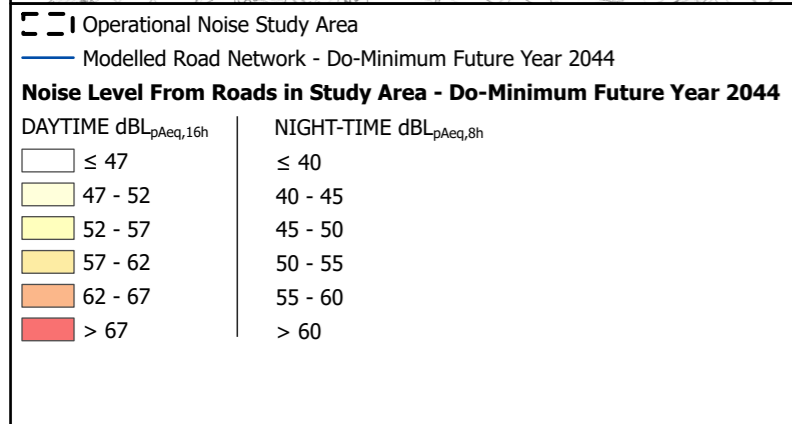
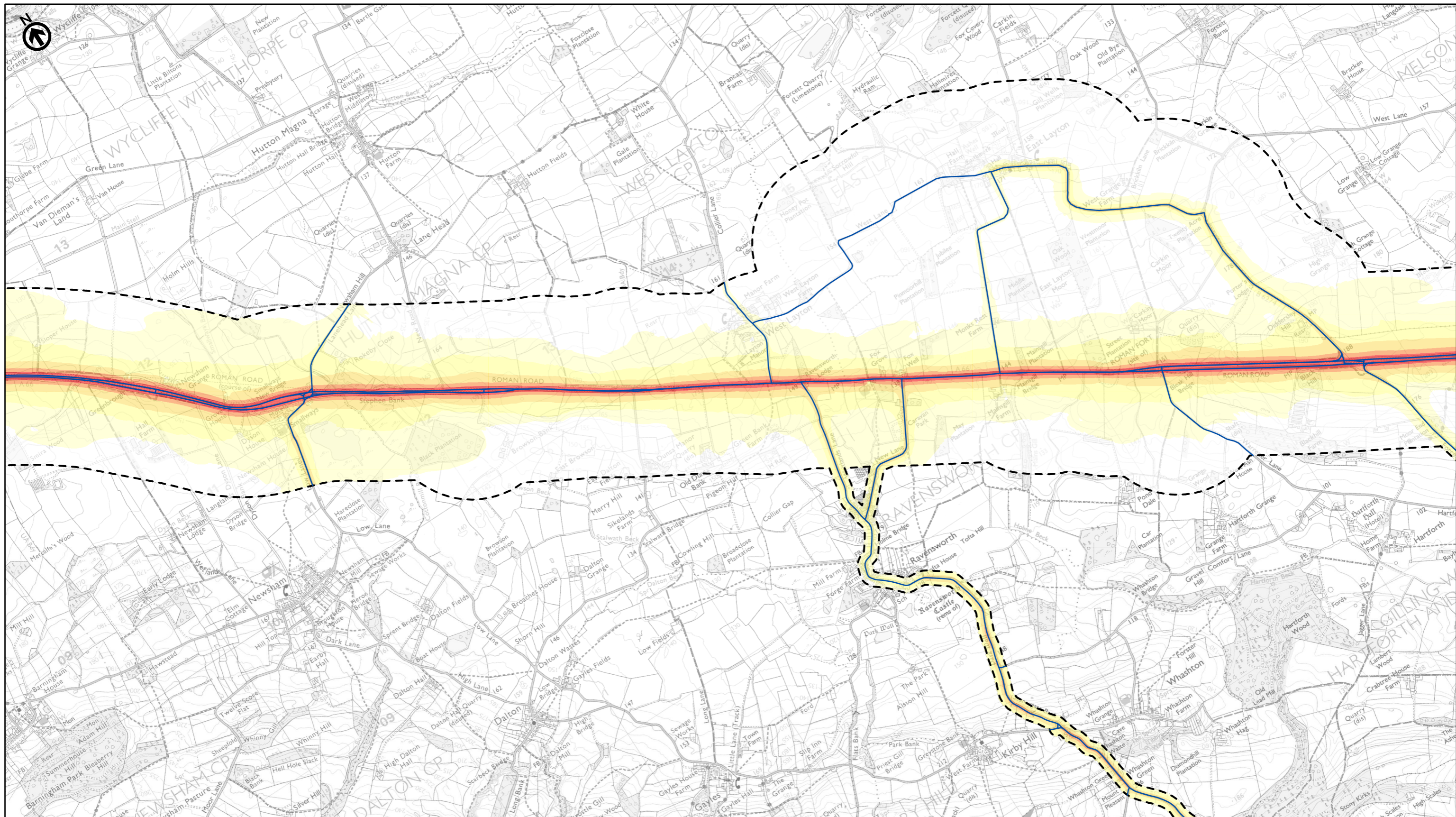
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**Project Name**  
A66 Northern Trans-Pennine Project

**Map Title**  
Figure 12.5  
Future Year Do-Minimum Noise Level  
Scheme: 08, Cross Lanes to Rokeby  
Sheet 9 of 12

Map Number	Project	Originator	Volume
HE565627	S00	AMY	MP - LN - 008108

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



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3 Piccadilly Place  
Manchester  
M1 3BN

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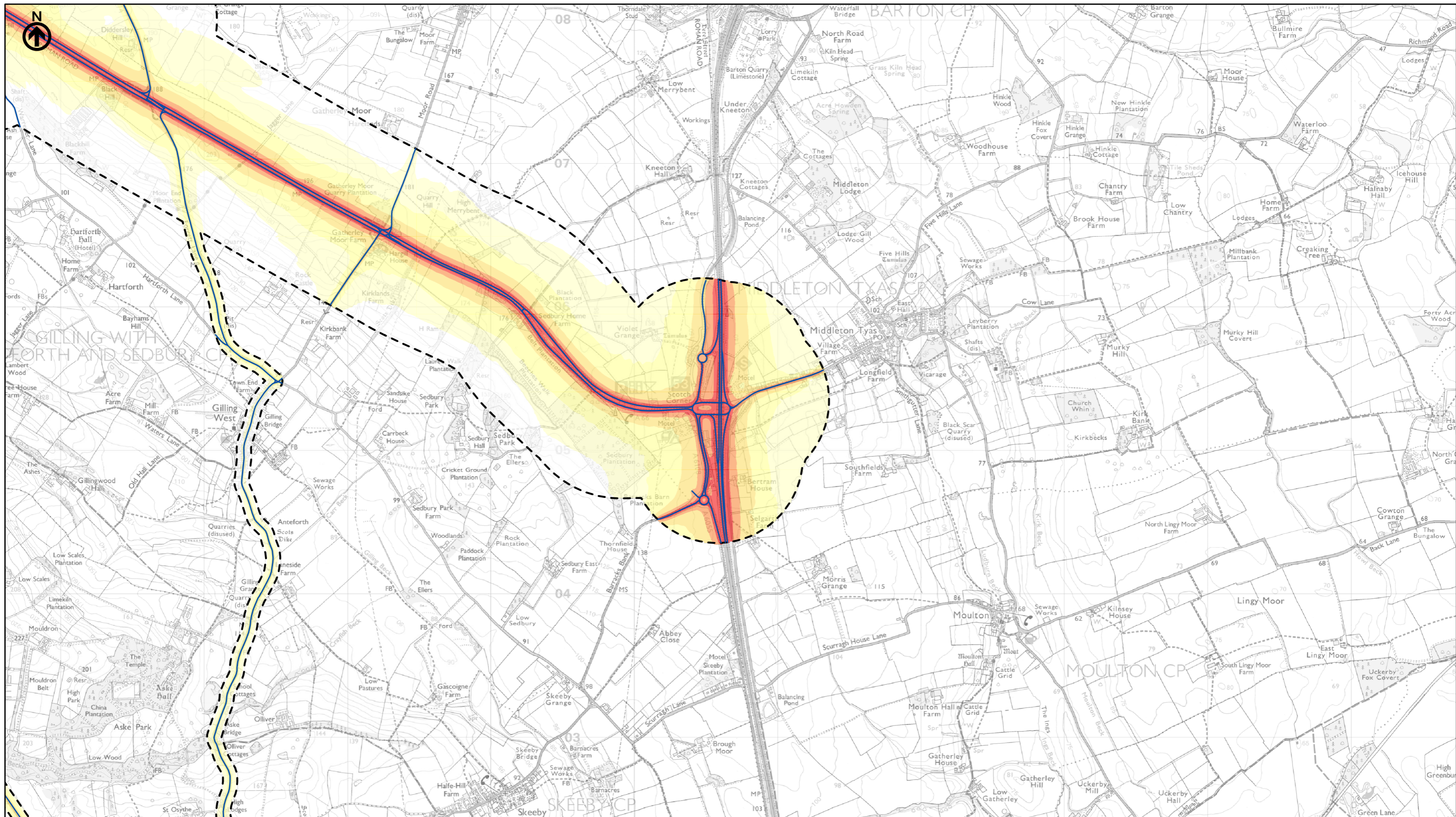
Project Name  
**A66 Northern Trans-Pennine Project**

Map Title  
**Figure 12.5**

Future Year Do-Minimum Noise Level  
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

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02

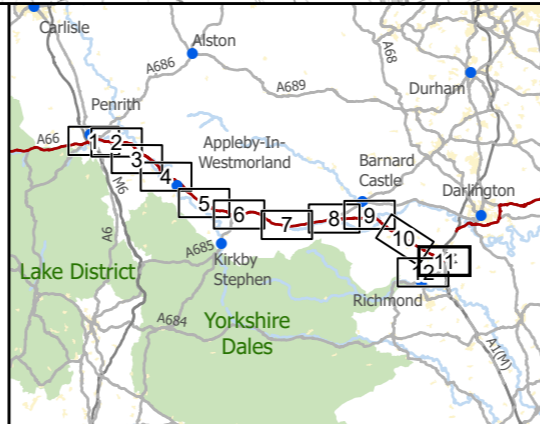


**Operational Noise Study Area**

— Modelled Road Network - Do-Minimum Future Year 2044

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



**national highways**

3 Piccadilly Place  
Manchester  
M1 3BN

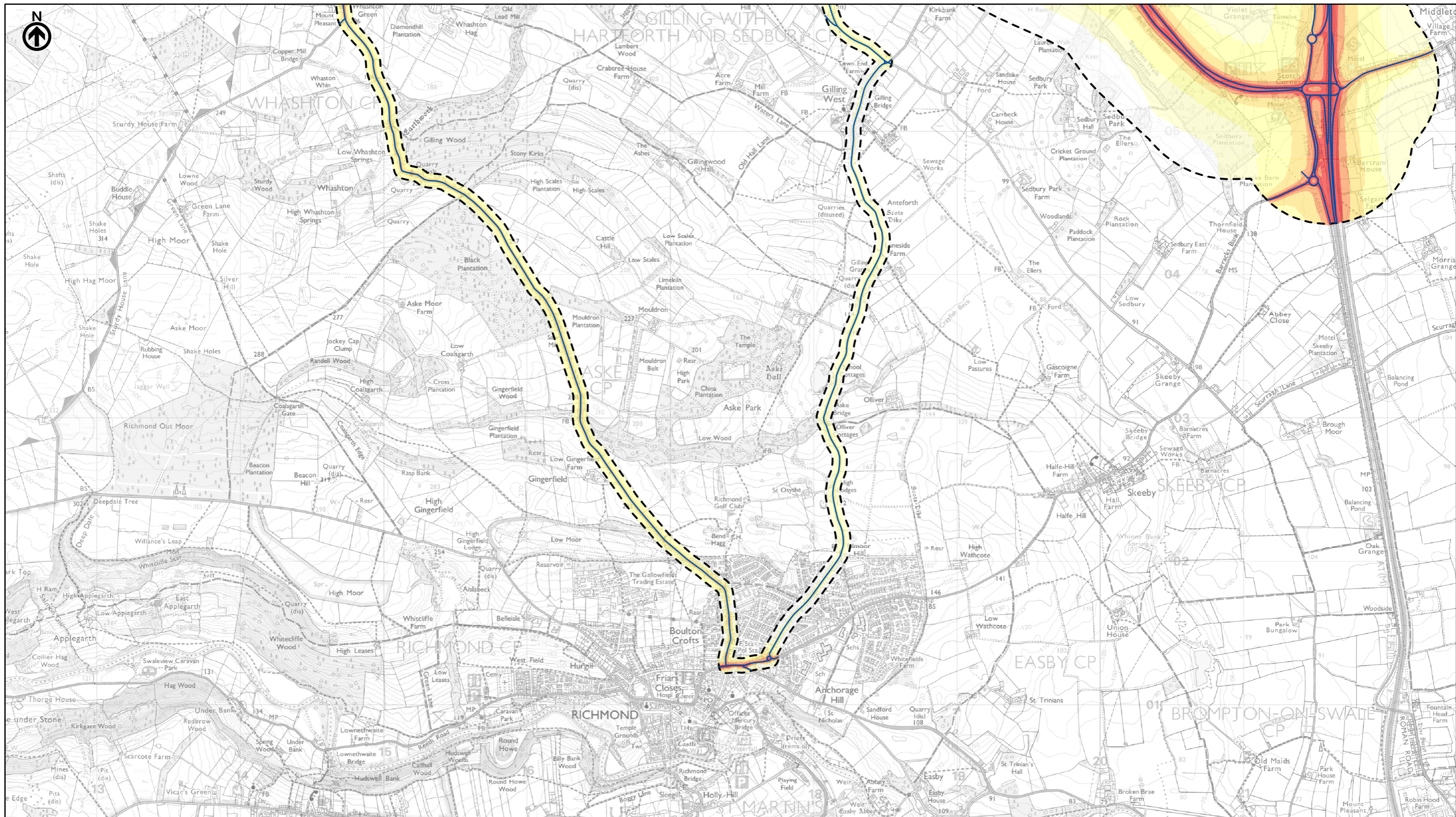
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	JBAR	LHAN	MBUT	AMIT	KWHA
	16/03/22	18/03/22	18/03/22	20/04/22	20/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised

Kilometres

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Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3  
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Project Name <b>A66 Northern Trans-Pennine Project</b>			
Map Title <b>Figure 12.5</b>			
Future Year Do-Minimum Noise Level			
Scheme: 11, A1(M) Junction 53 Scotch Corner			
Sheet 11 of 12			
Map Number Project	Originator	Volume	
HE565627	AMY	ENV	
S00	-	MP - LN - 008110	
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P02

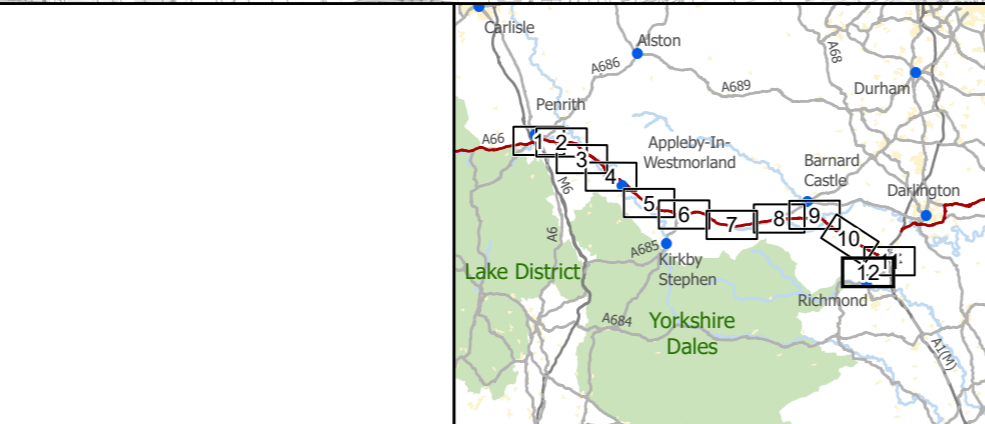


**Operational Noise Study Area**

— Modelled Road Network - Do-Minimum Future Year 2044

**Noise Level From Roads in Study Area - Do-Minimum Future Year 2044**

DAYTIME dBL <sub>pAeq,16h</sub>	NIGHT-TIME dBL <sub>pAeq,8h</sub>
≤ 47	≤ 40
47 - 52	40 - 45
52 - 57	45 - 50
57 - 62	50 - 55
62 - 67	55 - 60
> 67	> 60



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Manchester  
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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

Kilometres

Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3  
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Project Name <b>A66 Northern Trans-Pennine Project</b>			
Map Title <b>Figure 12.5</b>			
Future Year Do-Minimum Noise Level			
Scheme: N/A, Operational Noise Study Area			
Sheet 12 of 12			
Map Number Project	Originator	Volume	
HE565627	AMY	ENV	
Scale	S00	MP	LN - 008111
Location		Type	Role   Number
Suitability S4	Suitability Description <b>FIT FOR STAGE APPROVAL</b>		Revision P02