

Proposed Scheme

**Long Term Changes in Noise Level**

**dB L<sub>A10,18Hour</sub>**

- Major -10.0
- Moderate -5.0 - -9.9
- Minor -3.0 - -4.9
- Negligible -0.1 - -2.9
- No change
- Negligible +0.1 - 2.9
- Minor +3.0 - 4.9
- Moderate +5.0 - 9.9
- Major +10.0

Noise contours calculated at 4.0m above local ground height

Continued on Sheet 2

Kilometres

0 0.25 0.5

Status	Suitability
FINAL	B

Client

**TRANSPORT SCOTLAND**  
COMHDHAIL ALBA

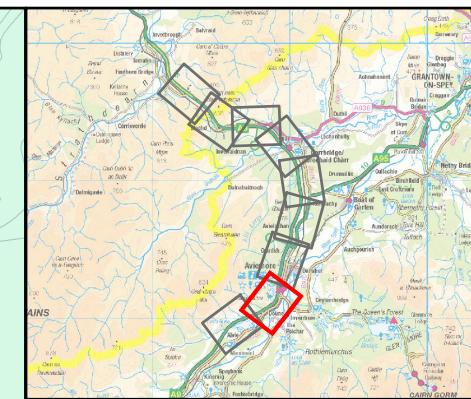
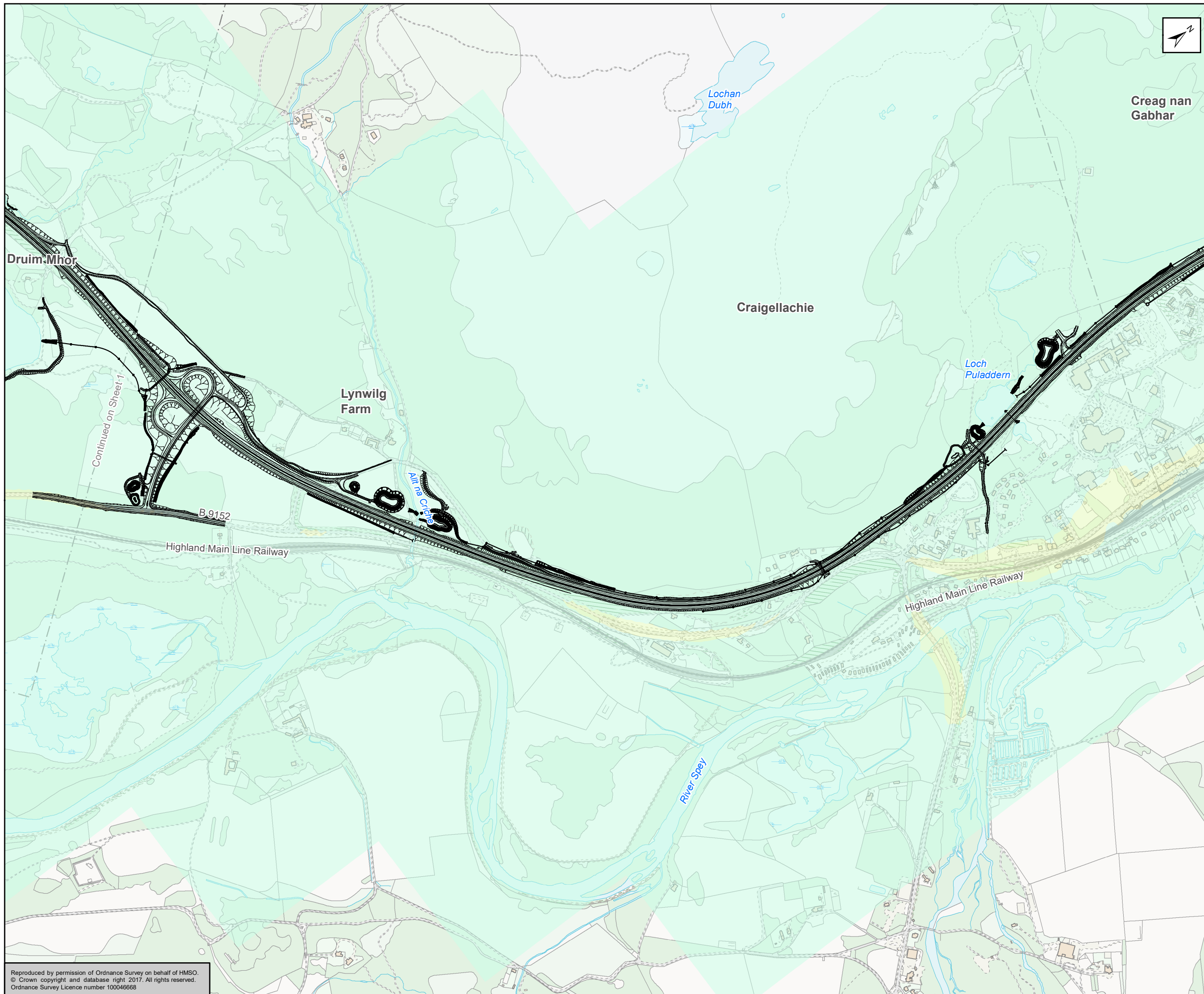
**A9**  
**DUALING**  
PERTH TO INVERNESS  
Dalraddy to Stochd

**ATKINS** mouchel

Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 1 of 9

Scale	Drawn	Checked	Approved	Authorised
1:10,000	AC	RB	ROB	SB
Document Number	Project	Originator	Volume	Revision
	A9P11-AMJ-ENV-Z_ZZZZZ_XZ-DR-GI-0032			P04
Location	Type	Role	Number	

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~ Proposed Scheme

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Noise contours calculated at 4.0m above local ground height

Kilometres

0                      0.25                      0.5

---

Status: B

FINAL

Client:

**TRANSPORT SCOTLAND**  
COMHDAIL ALBA

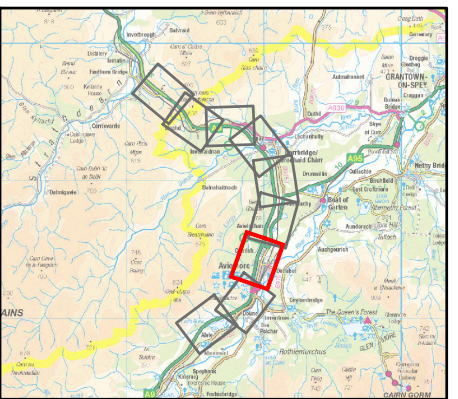
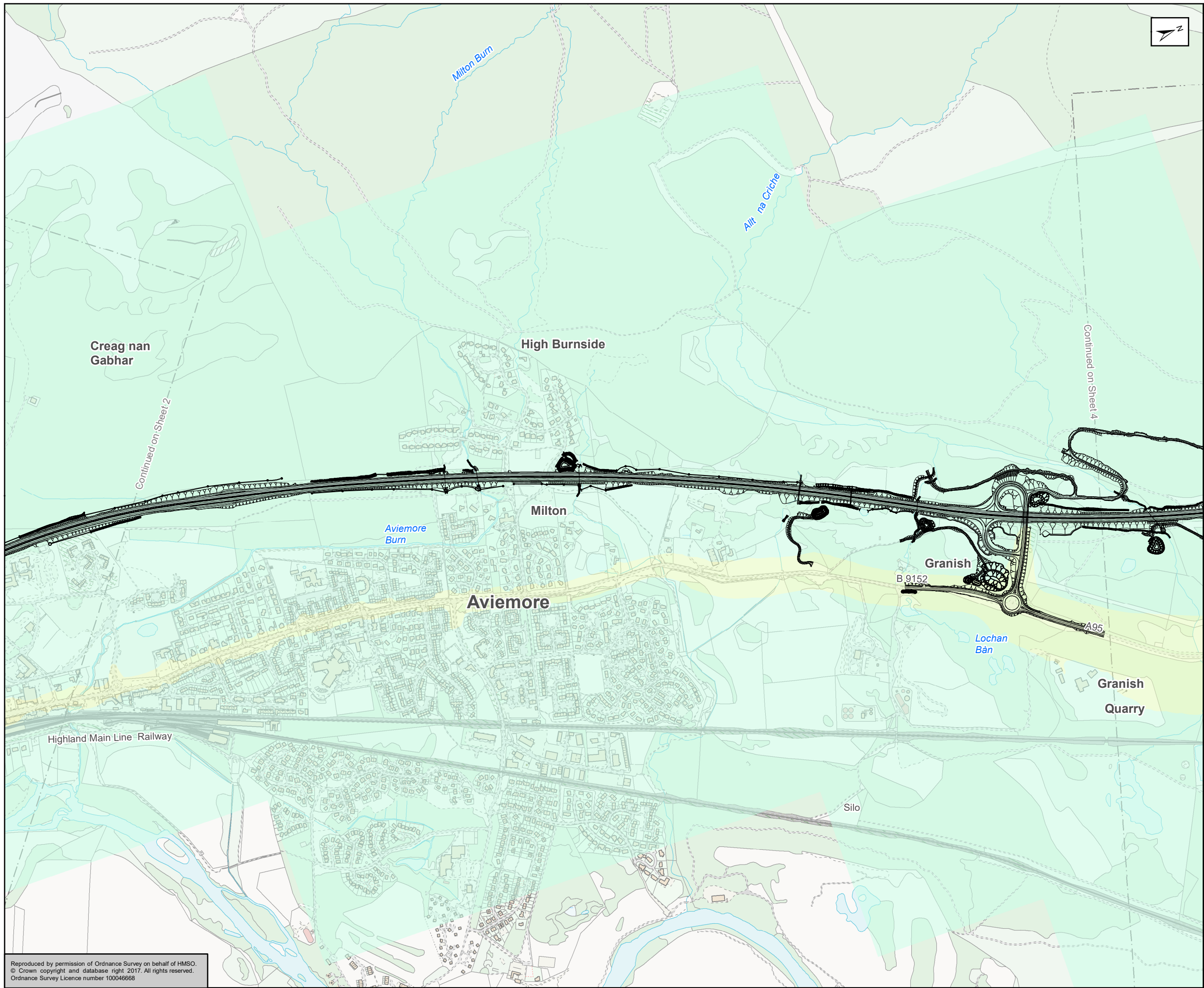
**A9**  
**DUALLING**  
PERTH TO INVERNESS  
Dalraddy to Stochd

**ATKINS** mouchel

Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 2 of 9

Scale 1:10,000	Drawn AC	Checked RB	Approved ROB	Authorised SB
Document Number	Project A9P11-AMJ-ENV-Z_ZZZZZ_XX-DR-GI-0033	Originator	Volume	Revision P04
Location	Type	Role	Number	

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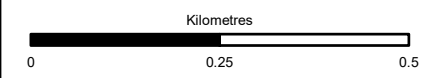
~ Proposed Scheme

**Long Term Changes in Noise Level**

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- Negligible +0.1 - 2.9
- Minor +3.0 - 4.9
- Moderate +5.0 - 9.9
- Major +10.0

Noise contours calculated at 4.0m above local ground height



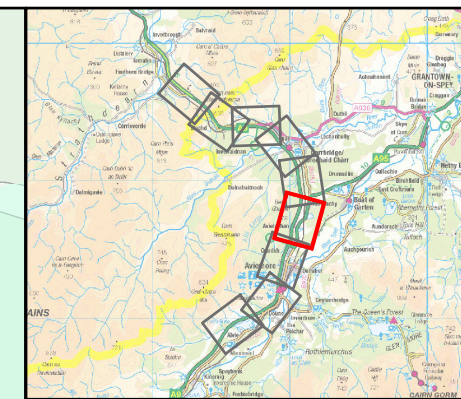
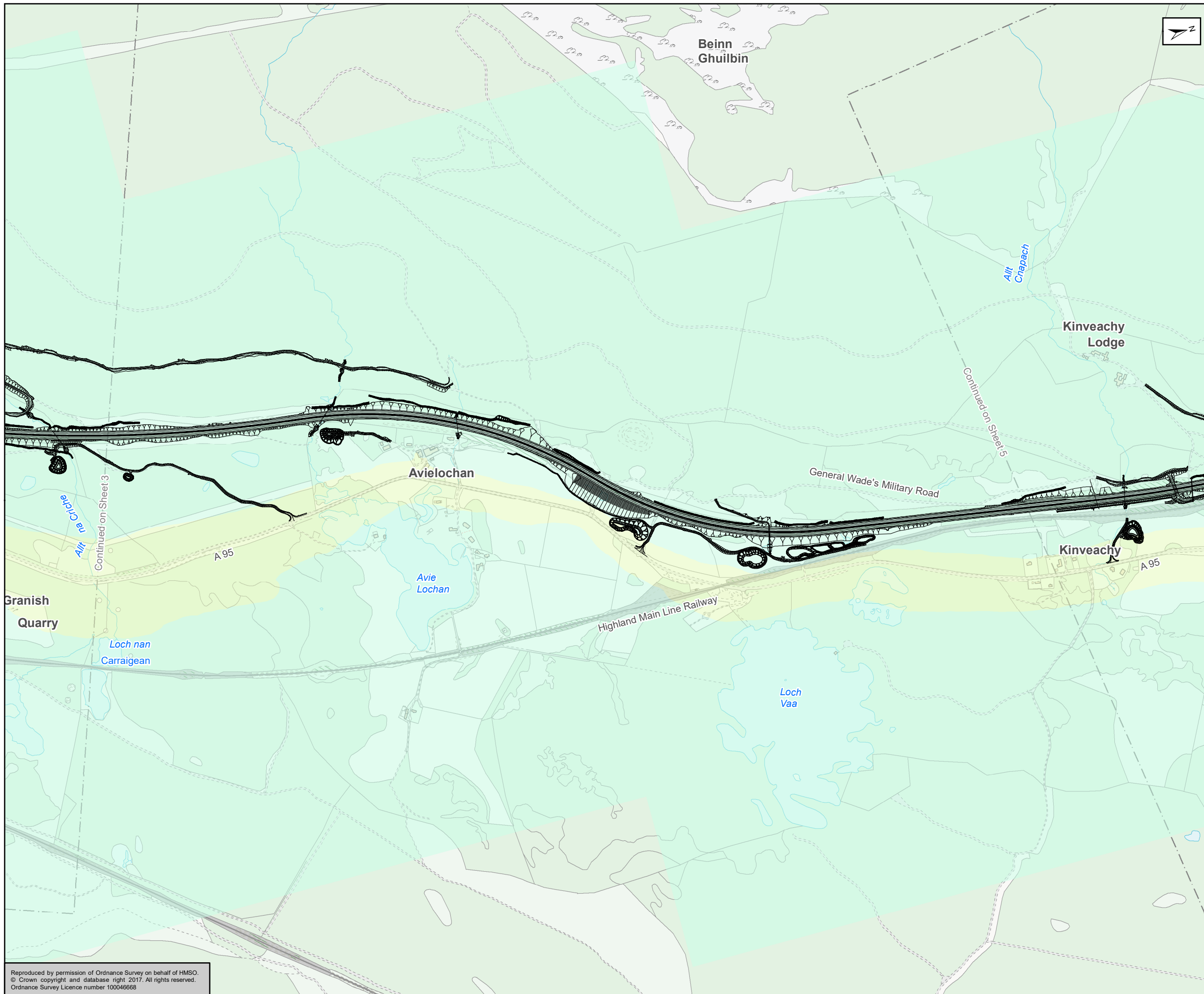
Status	FINAL	Suitability	B
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Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 3 of 9

Scale	1:10,000	Drawn	AC	Checked	RB	Approved	ROB	Authorised	SB
Document Number	A9P11-AMJ-ENV-Z_ZZZZZ_XX-DR-GI-0034							Revision	P04
Project	Originator	Volume							
Location	Type	Role	Number						

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Proposed Scheme

**Long Term Changes in Noise Level**

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- Negligible +0.1 - 2.9
- Minor +3.0 - 4.9
- Moderate +5.0 - 9.9
- Major +10.0

Noise contours calculated at 4.0m above local ground height

Kilometres

0 0.25 0.5

Status	Suitability
FINAL	B

Client

**TRANSPORT SCOTLAND**  
COMHDHAIL ALBA

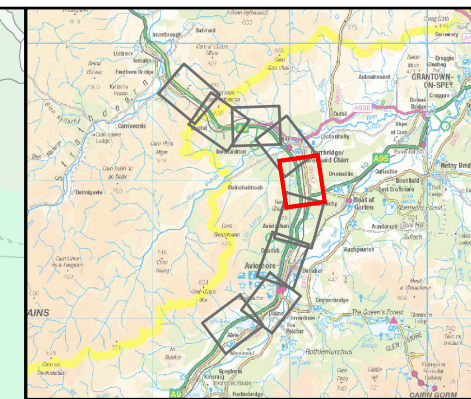
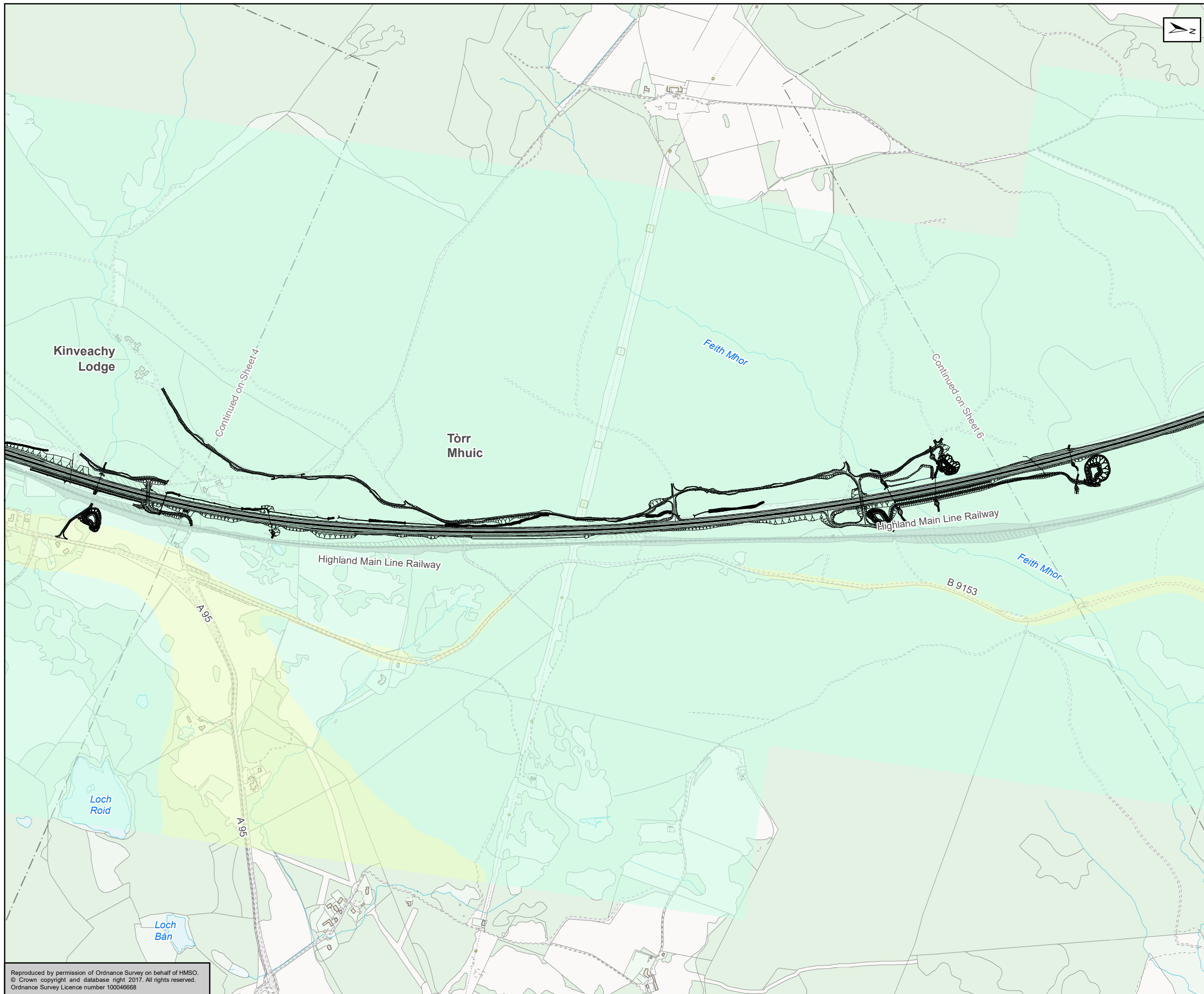
**A9**  
**DUALLING**  
PERTH TO INVERNESS  
Dalraddy to Stochd

**ATKINS mouchel**

Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 4 of 9

Scale	1:10,000	Drawn	AC	Checked	RB	Approved	ROB	Authorised	SB
Document Number	Project   Originator   Volume								Revision
	A9P11-AMJ-ENV-Z_ZZZZZ_XX-DR-GI-0035								P04
Location	Type	Role	Number						

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~ Proposed Scheme

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- Major +10.0

Noise contours calculated at 4.0m above local ground height

Kilometres

0 0.25 0.5

Status	Suitability
FINAL	B

Client

**TRANSPORT SCOTLAND**  
COMHDHAIL ALBA

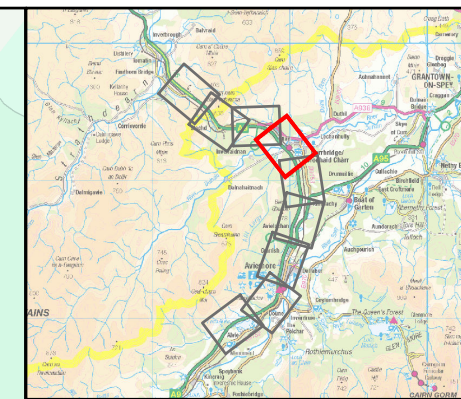
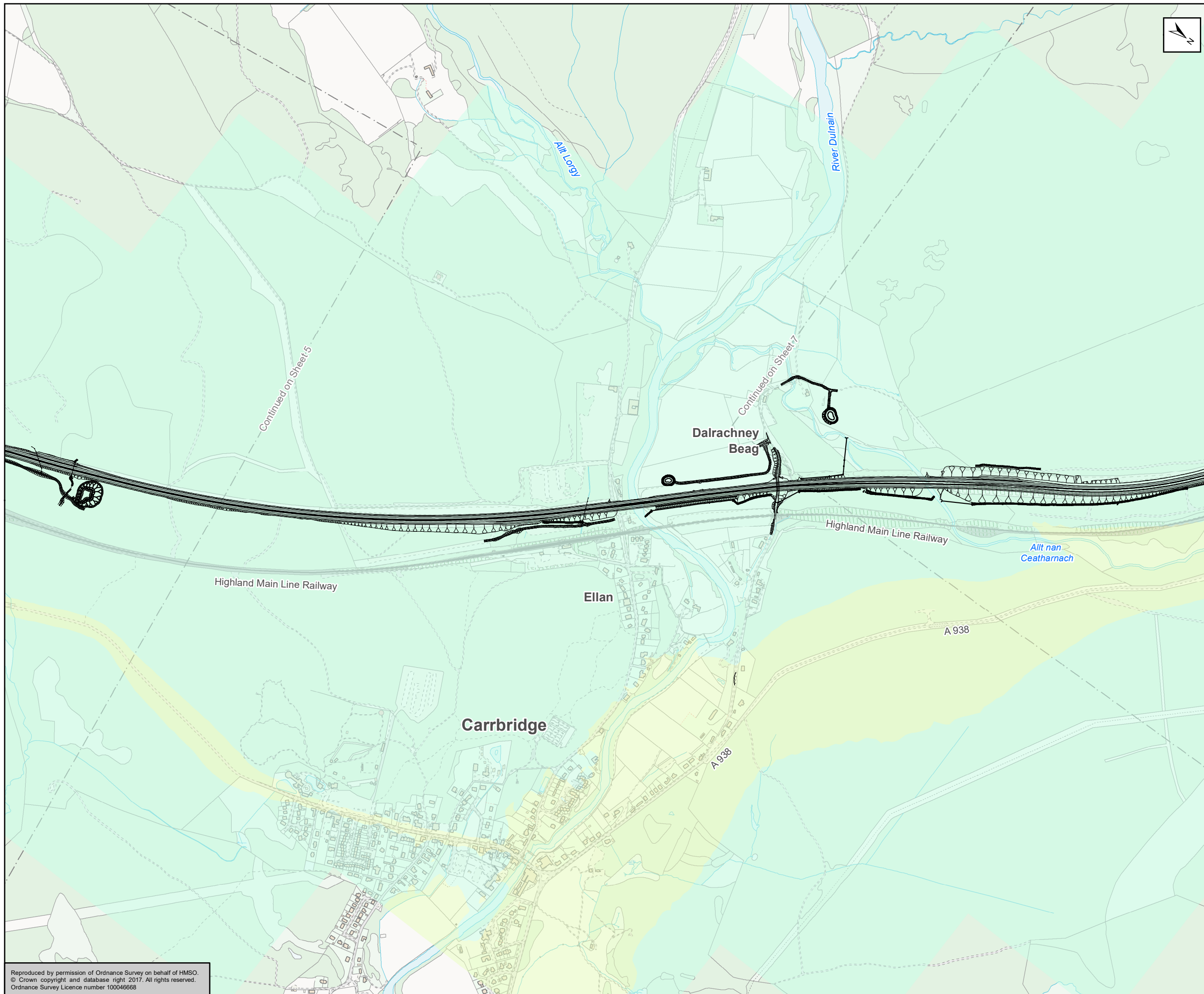
**A9**  
**DUALLING**  
PERTH TO INVERNESS  
Dalraddy to Slochd

**ATKINS mouchel**

Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 5 of 9

Scale	1:10,000	Drawn	AC	Checked	RB	Approved	ROB	Authorised	SB
Document Number	Project   Originator   Volume								Revision
	A9P11-AMJ-ENV-Z_ZZZZZ_XX-DR-GI-0036								P04
Location	Type	Role	Number						

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Proposed Scheme

**Long Term Changes in Noise Level**

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- Negligible +0.1 - 2.9
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- Moderate +5.0 - 9.9
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Noise contours calculated at 4.0m above local ground height

Kilometres

0 0.25 0.5

Status	FINAL	Suitability	B
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Client

TRANSPORT SCOTLAND  
COMHDHAIL ALBA

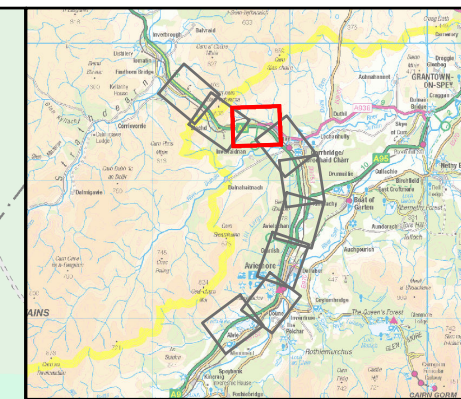
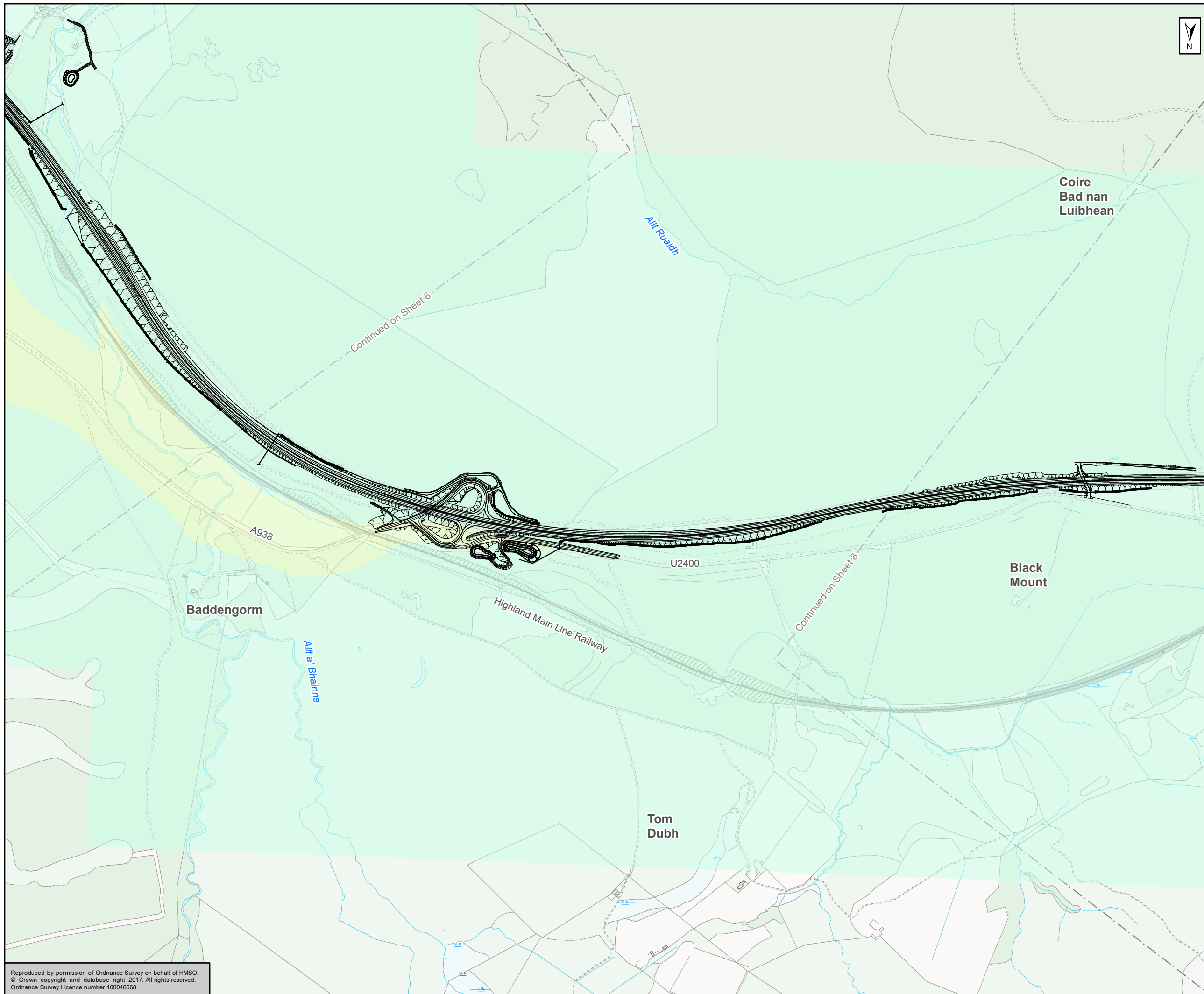
**A9**  
DUALLING  
PERTH TO INVERNESS  
Dalraddy to Stochd

**ATKINS** mouchel

Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 6 of 9

Scale	1:10,000	Drawn	AC	Checked	RB	Approved	ROB	Authorised	SB
Document Number	A9P11-AMJ-ENV-Z_ZZZZ_XX-DR-GI-0037							Revision	P04
Project	Originator	Volume							
Location	Type	Role	Number						

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Proposed Scheme

**Long Term Changes in Noise Level**

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- Negligible -0.1 - -2.9
- No change
- Negligible +0.1 - 2.9
- Minor +3.0 - 4.9
- Moderate +5.0 - 9.9
- Major +10.0

Noise contours calculated at 4.0m above local ground height

Kilometres

0 0.25 0.5

Status	Suitability
FINAL	B

Client

TRANSPORT SCOTLAND  
COMHDHAIL ALBA

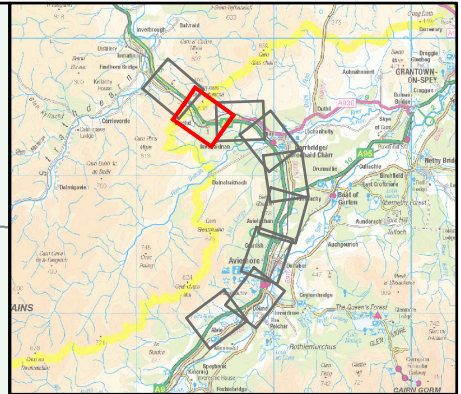
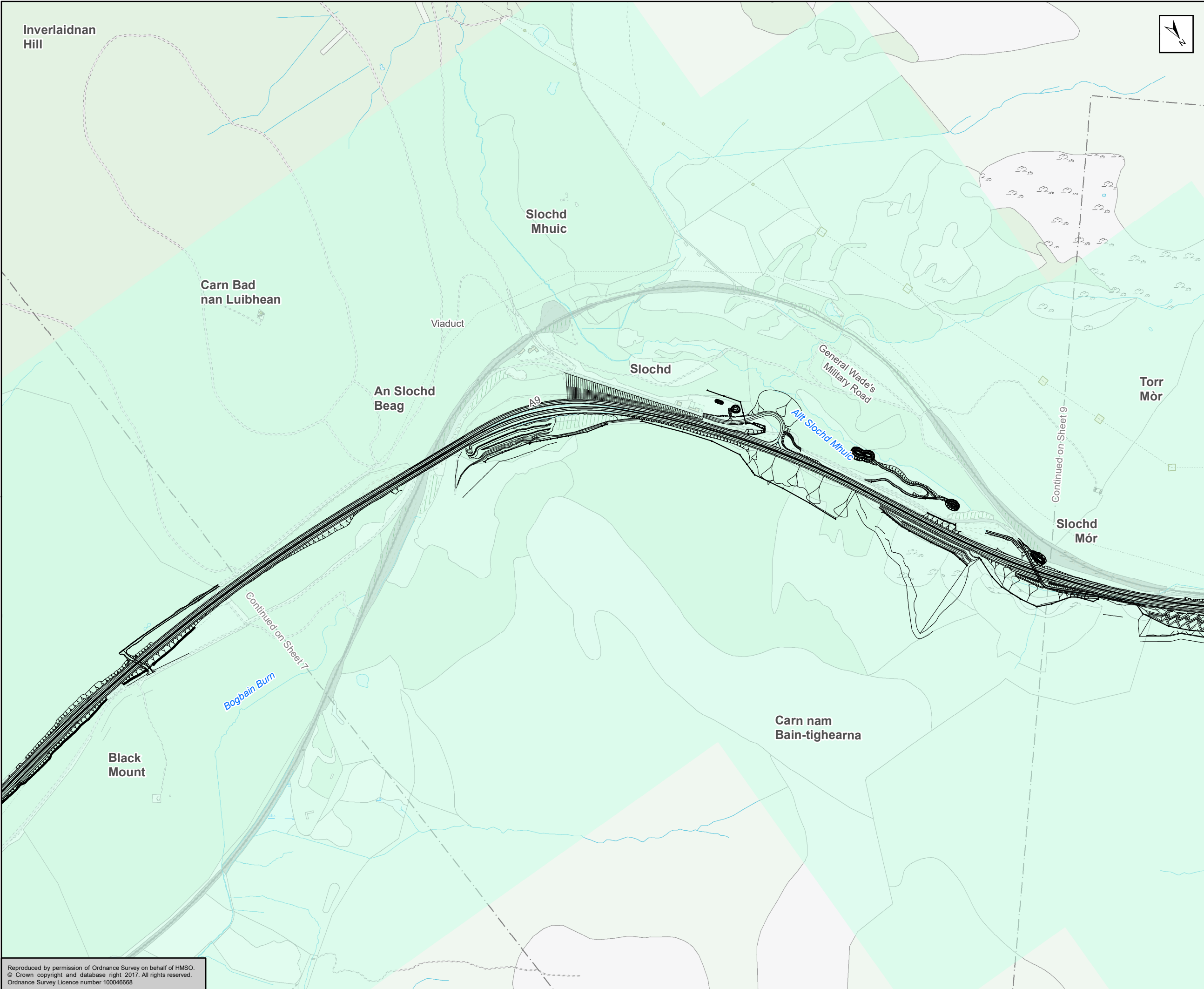
**A9**  
DUALLING  
PERTH TO INVERNESS  
Dalraddy to Stochd

**ATKINS** mouchel

Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 7 of 9

Scale	Drawn	Checked	Approved	Authorised
1:10,000	AC	RB	ROB	SB
Document Number	Project	Originator	Volume	Revision
	A9P11-AMJ-ENV-Z_ZZZZZ_XX-DR-GI-0038			P04
Location	Type	Role	Number	

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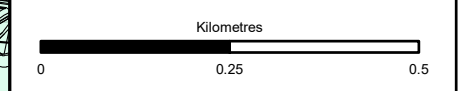
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- No change
- Negligible +0.1 - 2.9
- Minor +3.0 - 4.9
- Moderate +5.0 - 9.9
- Major +10.0

Noise contours calculated at 4.0m above local ground height



Status	FINAL	Suitability	B
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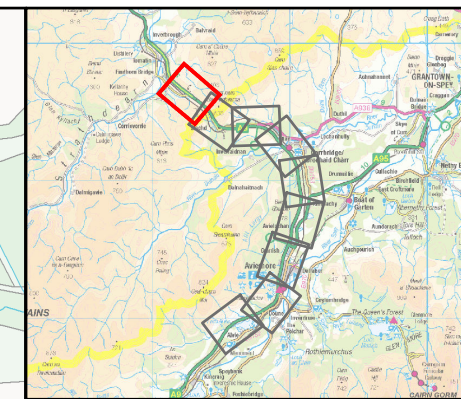
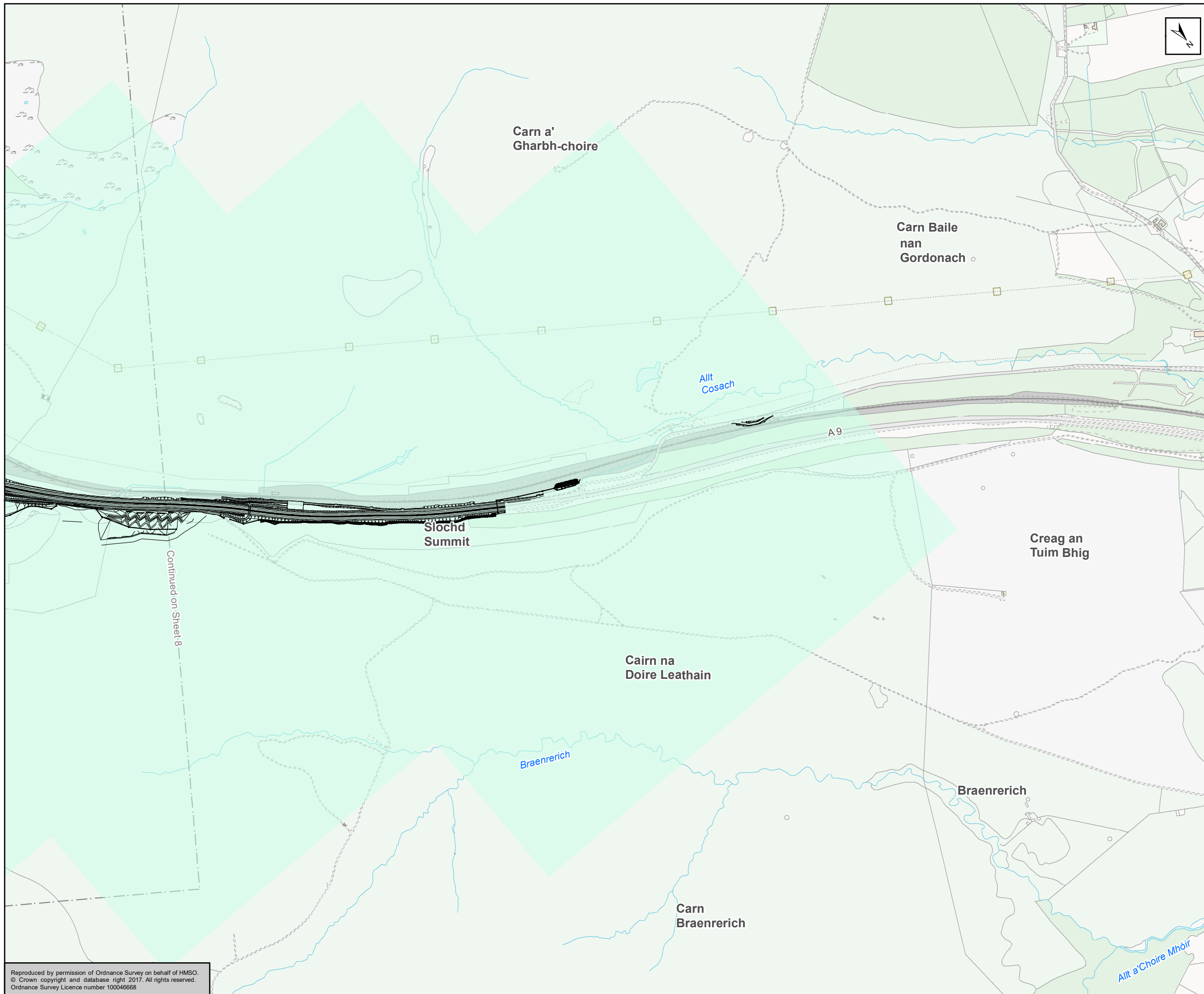


Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 8 of 9

Scale	1:10,000	Drawn	AC	Checked	RB	Approved	ROB	Authorised	SB
Document Number	A9P11-AMJ-ENV-Z_ZZZZZ_XX-DR-GI-0039							Revision	P04
Project	Originator	Volume							
Location	Type	Role	Number						

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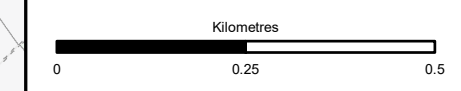
Proposed Scheme

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- Negligible -0.1 - -2.9
- No change
- Negligible +0.1 - 2.9
- Minor +3.0 - 4.9
- Moderate +5.0 - 9.9
- Major +10.0

Noise contours calculated at 4.0m above local ground height



Status	FINAL	Subsidiary	B
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Figure 17.5  
Long Term Do-Minimum Night time  
Noise Level Change Contour  
Sheet 9 of 9

Scale	1:10,000	Drawn	AC	Checked	RB	Approved	ROB	Authorised	SB
Document Number	A9P11-AMJ-ENV-Z_ZZZZZ_XX-DR-GI-0040							Revision	P04
Project	Originator	Volume							
Location	Type	Role	Number						

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Continued on Sheet 8