

**Legend**

- Proposed scheme (DMRB Stage 3 design)
- SuDS
- Noise and vibration calculation area
- Noise and vibration study area
- Area of low noise road surfacing (LNRS)
- Noise mitigation barrier
- Baseline noise monitoring location

**Do-Minimum Baseline Year Vs Do-Something Baseline Year (with Mitigation)**  
( $L_{A10,18hr}$  Free-field) Ground Floor  
 $x$  = noise level

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

Rev.	Rev. Date	ES Publication	PM	AJ	BM	AJG
0	JUL 2018	ES Publication				
		Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

**JACOBS**  
95 Bothwell Street, Glasgow, G2 7HX, UK.  
Tel: +44(0)141 243 8000  
www.jacobs.com

Client

TRANSPORT SCOTLAND  
COPHDHAIL ALBA

Project

**A9**  
DUALLING  
PERTH TO INVERNESS  
Tay Crossing to Ballinluig

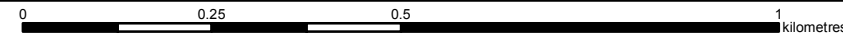
Drawing title

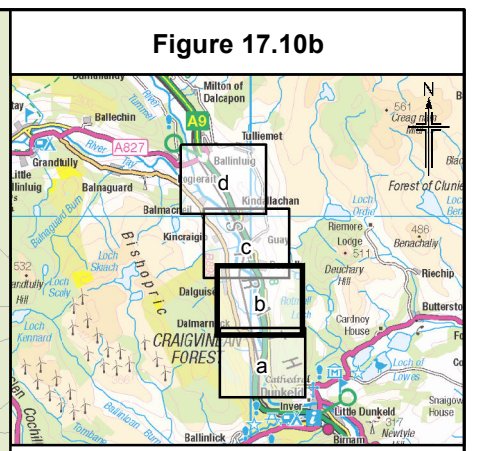
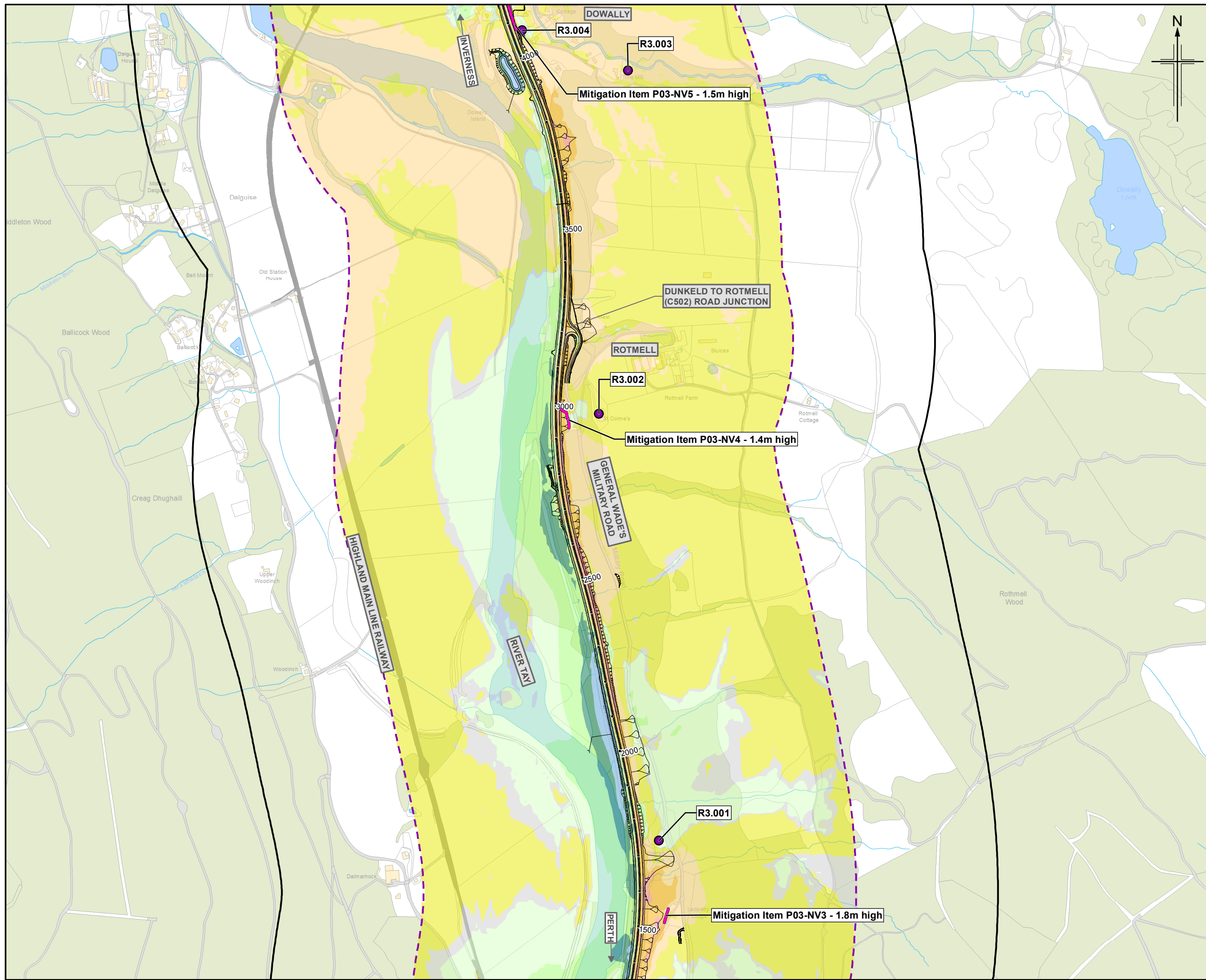
**Environmental Statement  
Noise Level Difference Contour Map  
(Ground Floor) Do-Minimum Baseline Year  
Vs Do-Something Baseline Year (with Mitigation)**

Sheet 1 of 4

Drawing Status	FINAL		
Scale	1:10,000	@ A3	DO NOT SCALE
Jacobs No.	B2140003		
BIM No.			
Drawing number	Figure 17.10a	Rev	0

© Copyright 2018 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





**Legend**

- Proposed scheme (DMRB Stage 3 design)
- SuDS
- Noise and vibration calculation area
- Noise and vibration study area
- Area of low noise road surfacing (LNRS)
- Noise mitigation barrier
- Baseline noise monitoring location

**Do-Minimum Baseline Year Vs Do-Something Baseline Year (with Mitigation) (L<sub>A10,18hr</sub> Free-field) Ground Floor**  
**x = noise level**

- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 < x < 1 dB
- x = 0 dB
- 1 < x < 0 dB
- 3 < x ≤ -1 dB
- 5 < x ≤ -3 dB
- 10 < x ≤ -5 dB
- x ≤ -10 dB

Rev	Rev. Date	ES Publication	PM	AJ	BM	AJG
0	JUL 2018	ES Publication				
		Purpose of revision	Orig/Dwn	Check/Rev'd	Apprv'd	

**JACOBS**  
 95 Bothwell Street, Glasgow, G2 7HX, UK.  
 Tel: +44(0)141 243 8000  
 www.jacobs.com

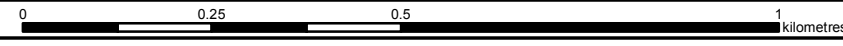
Client  
  
 TRANSPORT SCOTLAND  
 CÒRPHDHAIL ALBA

Project  
  
**A9 DUALLING**  
 PERTH TO INVERNESS  
 Tay Crossing to Ballinluig

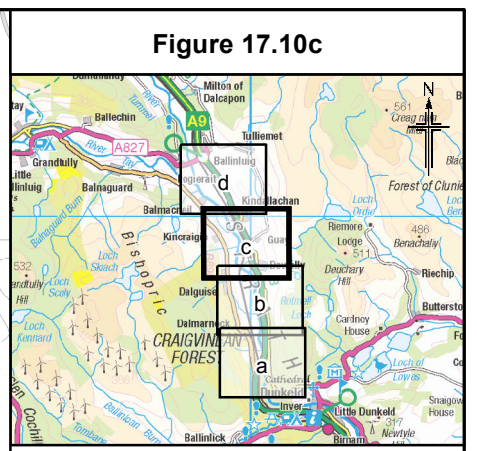
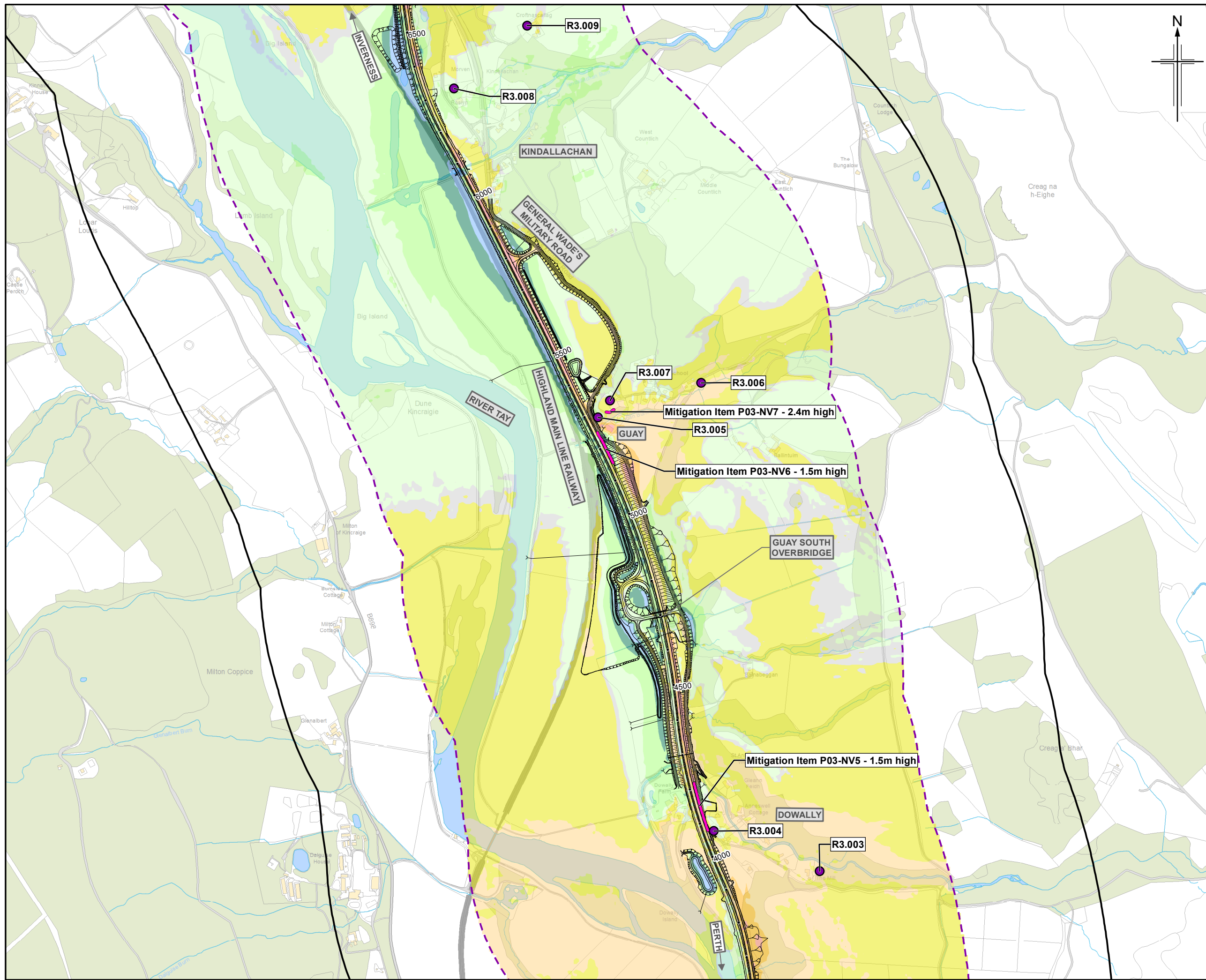
Drawing title  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(Ground Floor) Do-Minimum Baseline Year**  
**Vs Do-Something Baseline Year (with Mitigation)**  
**Sheet 2 of 4**

Drawing Status	FINAL		
Scale	1:10,000	@ A3	DO NOT SCALE
Jacobs No.	B2140003		
BIM No.			
Drawing number	Figure 17.10b		Rev 0

© Copyright 2018 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.







**Legend**

- Proposed scheme (DMRB Stage 3 design)
- SuDS
- Noise and vibration calculation area
- Noise and vibration study area
- Area of low noise road surfacing (LNRS)
- Noise mitigation barrier
- Baseline noise monitoring location

**Do-Minimum Baseline Year Vs Do-Something Baseline Year (with Mitigation) (LA10,18hr Free-field) Ground Floor**  
**x = noise level**

- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 1 ≤ x < 3 dB
- 0 < x < 1 dB
- x = 0 dB
- 1 < x < 0 dB
- 3 < x ≤ -1 dB
- 5 < x ≤ -3 dB
- 10 < x ≤ -5 dB
- x ≤ -10 dB

Rev.	Rev. Date	ES Publication	PM	AJ	BM	AJG
0	JUL 2018	ES Publication				
		Purpose of revision	Orig/Dwn	Check/Rev'd	Apprv'd	

**JACOBS**  
 95 Bathurst Street, Glasgow, G2 7HX, UK.  
 Tel: +44(0)141 243 8000  
 www.jacobs.com

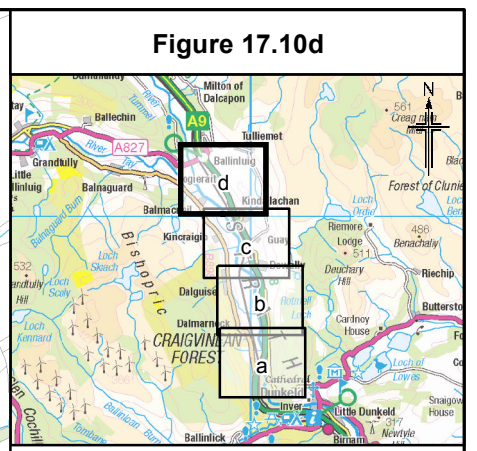
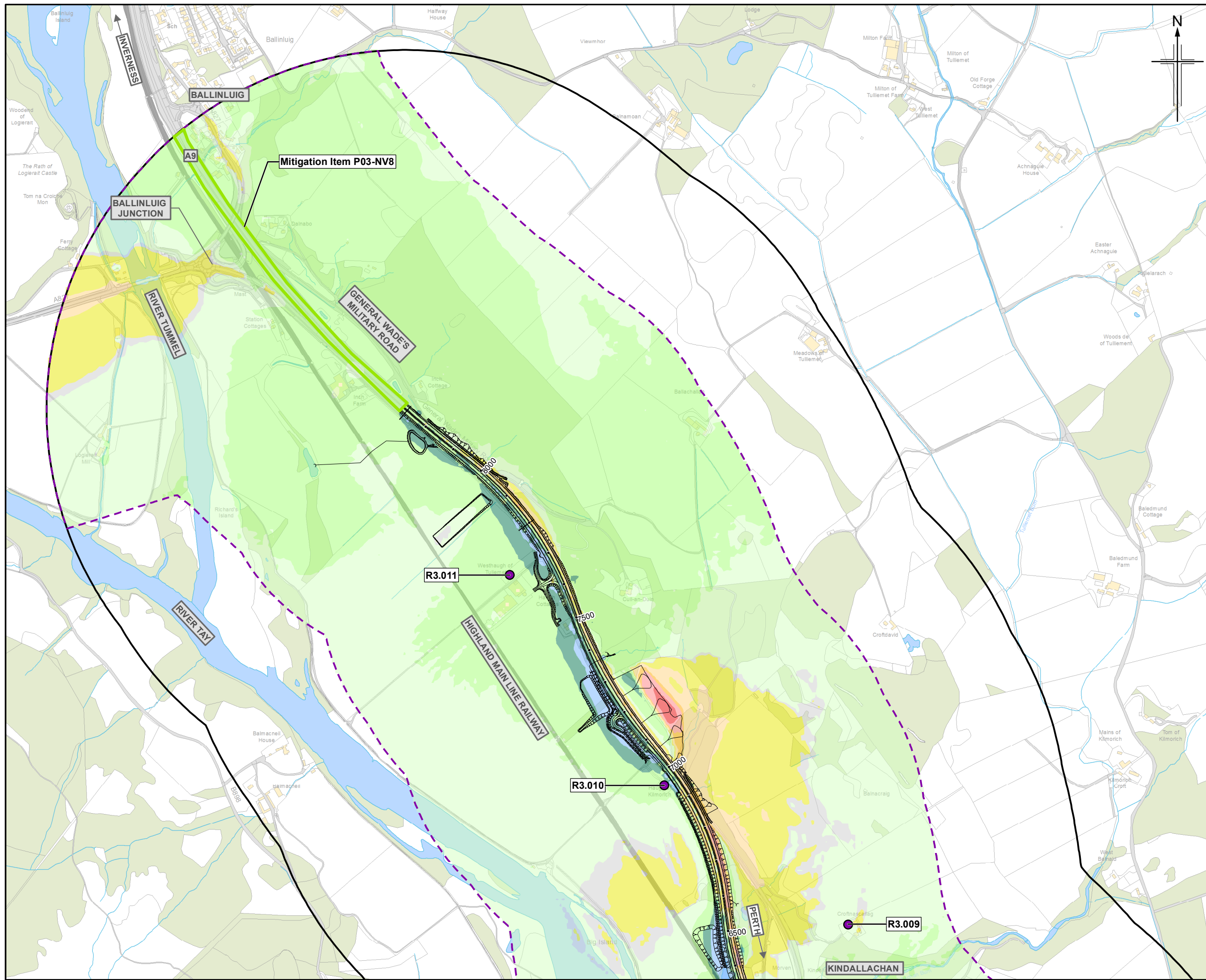
Client  
  
 TRANSPORT SCOTLAND  
 CÒRPHDHAIL ALBA

Project  
  
**A9 DUALLING**  
 PERTH TO INVERNESS  
 Tay Crossing to Ballinluig

Drawing title  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(Ground Floor) Do-Minimum Baseline Year**  
**Vs Do-Something Baseline Year (with Mitigation)**  
**Sheet 3 of 4**

Drawing Status	FINAL		
Scale	1:10,000	@ A3	DO NOT SCALE
Jacobs No.	B2140003		
BIM No.			
Drawing number	Figure 17.10c	Rev	0





**Legend**

- Proposed scheme (DMRB Stage 3 design)
- SuDS
- Noise and vibration calculation area
- Noise and vibration study area
- Area of low noise road surfacing (LNRS)
- Noise mitigation barrier
- Baseline noise monitoring location

**Do-Minimum Baseline Year Vs Do-Something Baseline Year (with Mitigation)**  
( $L_{A10,18hr}$  Free-field) Ground Floor  
 $x$  = noise level

- $x \geq 10$  dB
- $5 \leq x < 10$  dB
- $3 \leq x < 5$  dB
- $1 \leq x < 3$  dB
- $0 < x < 1$  dB
- $x = 0$  dB
- $-1 < x < 0$  dB
- $-3 < x \leq -1$  dB
- $-5 < x \leq -3$  dB
- $-10 < x \leq -5$  dB
- $x \leq -10$  dB

Rev.	Rev. Date	ES Publication	PM	AJ	BM	AJG
0	JUL 2018	ES Publication				
		Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

**JACOBS**  
95 Boothwell Street, Glasgow, G2 7HX, UK.  
Tel: +44(0)141 243 8000  
www.jacobs.com

Client  
**TRANSPORT SCOTLAND**  
CORPHDHAIL ALBA

Project  
**A9 DUALLING**  
PERTH TO INVERNESS  
Tay Crossing to Ballinluig

Drawing title  
**Environmental Statement**  
**Noise Level Difference Contour Map**  
**(Ground Floor) Do-Minimum Baseline Year**  
**Vs Do-Something Baseline Year (with Mitigation)**  
Sheet 4 of 4

Drawing Status	FINAL		
Scale	1:10,000	@ A3	DO NOT SCALE
Jacobs No.	B2140003		
BIM No.			
Drawing number	Figure 17.10d	Rev	0

© Copyright 2018 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

