

**A66 Northern Trans-Pennine Project
TR010062**

**3.4 Environmental Statement
Appendix 12.5 Non-significant Effects**

APFP Regulations 5(2)(a)

Planning Act 2008

**Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009**

Volume 3

June 2022

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed
Forms and Procedure)
Regulations 2009**

A66 Northern Trans-Pennine Project
Development Consent Order 202x

**3.4 ENVIRONMENTAL STATEMENT
APPENDIX 12.5 NON-SIGNIFICANT EFFECTS**

Regulation Number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010062
Application Document Reference	3.4
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Version	Date	Status of Version
Rev 1	13/06/22	DCO Application

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12.5 Non-significant Effects

- 12.5.1.1 Table 1: Summary of non-significant effects (construction) and Table 2: Summary of non-significant effects (operation) below, show the receptors which have been assessed and for which noise impacts arising from construction and operation of the Project are assessed as not significant.

Table 1: Summary of non-significant effects (construction)

Receptor	Attribute	Receptor sensitivity	Potential impact before essential mitigation	Essential mitigation/enhancement	Impact magnitude	Residual effect
Routewide						
Receptors near M6 Junction 40 to Kemplay Bank	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition)	None required	Minor or Negligible	Not significant
Receptors near Penrith to Temple Sowerby	Noise	High	Noise levels are below the SOAEL during phase 3 (structures)	None required	Minor or Negligible	Not significant
Receptors near Temple Sowerby to Appleby	Noise	High	Noise levels are below the SOAEL during phase 3 (structures)	None required	Minor or Negligible	Not significant
Receptors near Appleby to Brough	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors near Cross Lanes to Rokeby	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors near Stephen Bank to Carkin Moor	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors near A1(M) Junction 53 Scotch Corner	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
M6 Junction 40 to Kemplay Bank						
Receptors at Eamont Bridge	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition) and phase 3 (structures)	None required	Minor or Negligible	Not significant
Receptors at Redhill	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant

Receptor	Attribute	Receptor sensitivity	Potential impact before essential mitigation	Essential mitigation/enhancement	Impact magnitude	Residual effect
Penrith to Temple Sowerby						
Receptors at Brougham	Noise	High	Noise levels are below the SOAEL during phase 3 (structures)	None required	Minor or Negligible	Not significant
Receptors at Temple Sowerby	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Temple Sowerby to Appleby						
Receptors at Kirkby Thore	Noise	High	Noise levels are below the SOAEL during phase 3 (structures)	None required	Minor or Negligible	Not significant
Receptors at Long Marton	Noise	High	Noise levels are below the SOAEL during phase 3 (structures)	None required	Minor or Negligible	Not significant
Receptors at Crackenthorpe	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Temple Sowerby	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Colby	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Appleby-In-Westmorland	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Appleby to Brough						
Receptors at Brough	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition) and phase 4 (compound)	None required	Minor or Negligible	Not significant

Receptor	Attribute	Receptor sensitivity	Potential impact before essential mitigation	Essential mitigation/enhancement	Impact magnitude	Residual effect
Receptors at Warcop	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Sandford	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Coupland Beck	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Bowes Bypass						
Receptors at Bowes	Noise	High	Noise levels are below the SOAEL during phase 3 (structures)	None required	Minor or Negligible	Not significant
Receptors at Boldron	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Gilmonby	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Cross Lanes to Rokeby						
Receptors at Barnard Castle	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Rokeby	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant

Receptor	Attribute	Receptor sensitivity	Potential impact before essential mitigation	Essential mitigation/enhancement	Impact magnitude	Residual effect
Receptors at Brignall	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Stephen Bank to Carkin Moor						
Receptors at East Layton	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Warcop	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Ravensworth	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at West Layton	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
A1(M) Junction 53 Scotch Corner						
Receptors at Middleton Tyas	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant
Receptors at Scotch Corner	Noise	High	Noise levels are below the SOAEL during phase 1 (demolition), phase 3 (structures) and phase 4 (compound)	None required	Minor or Negligible	Not significant

Table 2: Summary of non-significant effects (operation)

Receptor	Attribute	Receptor sensitivity	Potential Impact before essential mitigation	Essential mitigation/ enhancement	Impact magnitude	Residual effect
Routewide (areas not within a scheme)						
Residential and non-residential receptors alongside Moor Lane, Wetheriggs and Chapel Street, passing through Clifton Dykes, Cliburn and Bolton (between Penrith and Crackenthorpe) (except those identified in the main chapter with a significant beneficial effect)	Noise	High	Not Significant	None required	Negligible, minor adverse and minor beneficial impacts	Not Significant
Residential and non-residential receptors in Appleby-in-Westmorland	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant
Residential and non-residential receptors between Brough and Bowes (around the AONB)	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant
Residential and non-residential receptors in Kimonds (between Bowes and Cross Lanes)	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant
Residential and non-residential receptors alongside A67 from Bowes to Barnard Castle	Noise	High	Not Significant	None required	Negligible and minor beneficial impacts	Not Significant
Residential and non-residential receptors within Barnard Castle (except those identified in the main chapter with a significant beneficial effect)	Noise	High	Not Significant	None required	Negligible, minor adverse and minor beneficial impacts	Not Significant
Residential and non-residential receptors between Rokeby and West Layton including the areas of Thorpe	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant

Receptor	Attribute	Receptor sensitivity	Potential Impact before essential mitigation	Essential mitigation/ enhancement	Impact magnitude	Residual effect
Farm, Barke's Folly, Sloper House, Greenbrough, Newsham Grange and Hutton						
Residential and non-residential receptors between Carkin Moor and Scotch Corner including the areas of Gilling With Hartforth and Sedbury	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant
Residential and non-residential receptors between Ravensworth and Richmond and between the areas of Gilling With Hartforth and Sedbury and Richmond (except those identified in the main chapter with a significant beneficial effect)	Noise	High	Not Significant	None required	Negligible impacts Minor and moderate adverse impacts* Minor beneficial impacts	Not Significant
M6 Junction 40 to Kemplay Bank						
Residential and non-residential receptors in Penrith including the areas south of Skirsgill, Wetheriggs, Pategill, Eamont Bridge, Westmoreland Holme and Frenchfield Farm	Noise	High and medium	Not Significant	None required	Negligible, minor adverse and minor beneficial impacts	Not Significant
Penrith to Temple Sowerby						
Residential receptors by Lane End (north Highbarn)	Noise	High	Not Significant	None required	Negligible, minor adverse and minor beneficial impacts	Not Significant
Residential and non-receptors by Woodside, Low Woodside, Whinfell	Noise	High	Not Significant	None required	Negligible, minor and moderate	Not Significant

Receptor	Attribute	Receptor sensitivity	Potential Impact before essential mitigation	Essential mitigation/ enhancement	Impact magnitude	Residual effect
House (east of scheme), Winderwath Farm, As Hill Cottages and Ash Hill					adverse impacts*	
Temple Sowerby to Appleby						
Residential and non-residential receptors in Temple Sowerby, Skygarth Farm and the Station House	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant
Residential receptors in Kirkby Thore (except those identified within the main chapter as significant adverse and significant beneficial)					Minor, moderate and major adverse impacts* Minor, moderate and major beneficial impacts*	
Residential receptors in Long Marton including Broom House Farm and Far Broom	Noise	High	Not Significant	None required	Minor, moderate and major adverse impacts*	Not Significant
Residential and non-residential receptors located to the west of Appleby-in-Westmorland	Noise	High	Not Significant	None required	Negligible impacts Minor and moderate adverse impacts* Minor beneficial impacts	Not Significant
Appleby to Brough						

Receptor	Attribute	Receptor sensitivity	Potential Impact before essential mitigation	Essential mitigation/ enhancement	Impact magnitude	Residual effect
Residential and non-residential receptors in Coupland	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant
Residential receptors in Far bank End, New Hall (west of Sandford Mire), north of Sandford, Platts, Dike Nook and Eden Vale	Noise	High	Not Significant	None required	Minor and moderate adverse impacts* Minor beneficial impacts	Not Significant
Residential and non-residential receptors in Warcop (except those identified in the main chapter towards Hall Park)	Noise	High	Not Significant	None required	Negligible impacts Minor and moderate adverse impacts* Minor and moderate beneficial impacts*	Not Significant
Residential receptors in Flitholme and Langrigg Hill	Noise	High	Not Significant	None required	Negligible impacts Minor, moderate and major adverse impacts*	Not Significant
Residential and non-residential receptors in Brough (except those identified in the main chapter alongside Lady Ann Drive and Pembroke Close)	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant

Receptor	Attribute	Receptor sensitivity	Potential Impact before essential mitigation	Essential mitigation/enhancement	Impact magnitude	Residual effect
Bowes Bypass						
Residential and non-residential receptors (except the non-residential receptor identified in the main chapter) in Bowes (including West Low Fields, Myre Keld Farm, High Broats and Bowes Cross Farm)	Noise	High	Not Significant	None required	Negligible impacts Minor, moderate and major adverse impacts* Major beneficial impacts*	Not Significant
Cross Lanes to Rokeby						
Residential and non-residential receptors in Dent House Farm (south of Cross Lanes, Tutta Bridge, Castle Farm, Rokeby Grange and Greta Bridge	Noise	High	Not Significant	None required	Negligible impacts Minor and moderate adverse impacts* Minor beneficial impacts	Not Significant
Stephen Bank to Carkin Moor						
Residential receptors south of the A66 in the areas of Browson, Green Bank Farm, Ravensworth, Mainsgill Farm and East Layton	Noise	High	Not Significant	None required	Negligible impacts Minor, moderate and major adverse impacts* Minor beneficial impacts	Not Significant

Receptor	Attribute	Receptor sensitivity	Potential Impact before essential mitigation	Essential mitigation/ enhancement	Impact magnitude	Residual effect
A1(M) Junction 53 Scotch Corner						
Residential and non-residential receptors around Scotch Corner including the areas of Bertram House, Middleton Tyas and Selgarth Farm.	Noise	High	Not Significant	None required	Negligible and minor adverse impacts	Not Significant
* Where the impact magnitude is predicted to be moderate or major, significance of effects is determined following the methodology set out in the main chapter (ES Chapter 12: Noise and Vibration (Application Document Number 3.2), section 12.4: Assessment methodology Table 12-14: Determining final operational significance on noise sensitive receptors (from <i>DMRB LA 111</i>)						