A38 Derby Junctions
TR010022
Volume 6
6.3 Environmental Statement
Appendices
Appendix 9.2: Construction Phase Noise Predictions

Regulation 5(2)(a)

Planning Act 2008

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

April 2019
A38 Derby Junctions
Environmental Statement

Planning Inspectorate Scheme Ref: TR010022
Application Document Ref: TR010022/APP/6.3

Infrastructure Planning
Planning Act 2008

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

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Development Consent Order 202[ ]

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Appendix 9.2: Construction Phase Noise Predictions

9.1.1 The predicted monthly noise levels at each receptor during the construction phase are shown in Figure A9.2.1 to Figure A9.2.100: R34 Alfreton Road, Little Eaton – Evening/Weekend, Ground Floor.

9.1.2 Receptor locations are marked on Figures 9.1a and 9.1b [TR010022/APP/6.2]. For two storey residential properties ground floor results are provided for the daytime and evening, and first floor results for the night. For flats and non-residential buildings the top floor is provided for all time periods. The Lowest Observable Adverse Effect Level (LOAEL) and Significant Observed Adverse Effect Level (SOAEL) for each receptor and time period are shown on the figures. The predicted noise levels shown are based on the area over which each activity is likely to occur over the course of each month. As detailed in Chapter 9: Noise and Vibration, Section 9.3 [TR010022/APP/6.1], to define the SOAEL and LOAEL ambient noise levels at the relevant façade of each of the selected receptors has been determined based on predicted 2015 baseline traffic flows.

9.1.3 At some receptors given the large separation distance between the construction activity taking place and the receptor, predicted noise levels for some months have not been calculated, based on a cut-off distance of 1km between receptors and works. Additionally, there are some periods of the programme where no activities take place in some location, in particular evening/weekend and night works.
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- LOAEL
- SOAEL
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