

Broadland Northway – Notice regarding Noise Insulation Regulations 1975 (and amendment 1988)

23 September 2019

1 Background

The Norwich Northern Distributor Road (NDR) was granted Development Consent in June 2015. Following construction and subsequent opening of the NDR to traffic, Norfolk County Council, as the highway authority, have a statutory obligation to identify any properties eligible for insulation under the Noise Insulation Regulations 1975 (and amendment 1988) (NIR).

The NDR is a 20km scheme to the north of Norwich passing through predominantly rural areas. There are relatively few properties in close vicinity to the scheme and the majority of these are located on pre-existing roads which were re-aligned with the scheme.

The scheme was opened in three sections, but the date upon which it was fully open to the public was the 17th April 2018. The Regulations require that a list or map is prepared, identifying all eligible properties and made available for public inspection not less than six months after the date the scheme was first opened to the public.

One of the Requirements attached to the approval of the Development Consent Order was that post-opening of traffic flows should be undertaken. As these would result in more up-to-date traffic counts than traffic forecasts used at the time of the Environmental Statement it was considered prudent to defer publication of a list of any eligible properties under the NIR. This would enable the most up-to-date information to be used in the calculation process. The proposals and results of post-opening traffic counts are detailed in planning applications Y/5/2017/5023 and Y/5/2018/5007 to Norfolk County Council.

2 Methodology

The Noise Insulation Regulations (NIR) state that a highway authority is required to carry out or make a grant in respect of the cost of carrying out insulation work to an eligible building providing the following conditions are met at a reception point located 1 metre in front of the most exposed part of an external window or door of an eligible room:

- (i) the combined expected maximum traffic noise level, i.e. the relevant noise level, from the new or altered highway together with other traffic in the vicinity must not be less than the specified noise level (68 dB(A) L₁₀ (18-hour)).**

- (ii) the relevant noise level is at least 1.0 dB(A) more than the prevailing noise level, i.e. the total traffic noise level existing before the works to construct or improve the highway were begun.
- (iii) the contribution to the increase in the relevant noise level from the new or altered highway must be at least 1.0 dB(A).

The Noise Insulation Regulations require that calculations are undertaken in accordance with the Department of Transport's technical memorandum 'Calculation of Road Traffic Noise' 1988 (CRTN).

3 Results and Conclusion

When assessed against the NIR qualifying criteria, no properties were found to be eligible for secondary insulation therefore production of a list or map is not required.

However, Regulation 13 of the NIR provides for appeals to be made. These should be made within 6 months of the date of this notice.

On receipt of an appeal calculations are to be reassessed.

Should the appeal be refused, then a written statement of the reasons will be given.

Appeals may be made in writing to: -

Infrastructure Delivery Team (2nd floor)
Norfolk County Council
County Hall
Martineau Lane
Norwich
Norfolk
NR1 2SG

Or by e-mail to: -

norwich.transport@norfolk.gov.uk