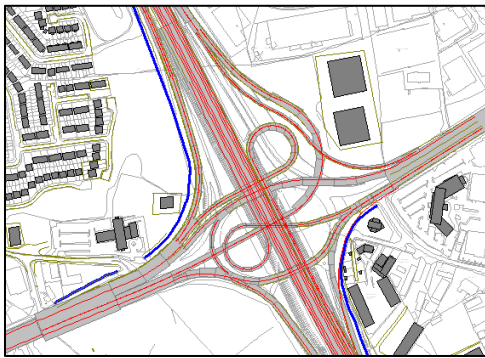


Environmental Noise Modelling

AWN Consulting is a multi-disciplinary engineering consultancy with offices in Dublin and Cork. Its acoustics team is the largest and most experienced of its kind in Ireland.

AWN Consulting's acoustics team can offer its clients a comprehensive package in relation to environmental noise modelling. A brief summary of the available scope of services is provided below.



Environmental Noise Modelling

AWN has considerable skills and experience in relation to modelling of road, rail and industrial noise sources. We use leading proprietary acoustic modelling software, i.e. Brüel & Kjaer Type 7810 *Predictor*, which allows detailed 3D models to be generated.

The use of a computer based noise model lends itself to ongoing evaluation of proposals and provides output that is detailed and extensive.



Assessment of Environmental Noise

AWN Consulting is uniquely positioned to carry out detailed assessments of the impact of environmental noise on sensitive receptors. We have the capability to assess both existing noise sources and predict the impact of future noise sources on the environment. Our engineers use their in-depth knowledge of Irish, British and International standards to determine appropriate limit values and the extent of any impact.



In the event that limit values are exceeded, AWN provides detailed advice with respect to practicable and cost effective means to control the noise impact.

Technical reports present the results of the assessment along with clear and concise recommendations for mitigation measures. In addition, our experienced team is available to provide evidence as expert witnesses if required.