

Appendix I

Site Eligibility and Noise Calculation Method

Site Eligibility:

1. All existing residential developments, having an OLA adjacent to a town road due to a reverse frontage or flankage lot orientation and meeting the noise level and other technical and administrative requirements for retrofit locations will be considered on a case-by-case basis by the town for inclusion in the 10 year Capital Budget Forecast.

Noise Calculation Method:

The method used in calculating noise levels will be in accordance with the Ministry of Environment and Climate Change Guidelines, i.e. Ontario Road Noise Analysis Method for Environment and Transportation (ORNAMENT) Technical Document and the Ministry of Environment and Climate Change "STAMSON" Computer Program for Road and Rail Traffic Noise Assessment.

The objective sound level for the retrofitting programme is Leq day time (7:00 a.m. to 11:00 p.m.) 60 dBA after attenuation. An Leq (daytime) above 60 dBA generated by the average daily traffic shall be used as the criteria for which noise abatement features will be considered, assuming such mitigation measures can reduce the sound level by a minimum 5 dBA. Points of reception subject to sound levels equal to or lower than Leq (daytime) 60 dBA within the majority of the OLA's will not qualify for noise mitigation measures.