

## Appendix II

### Noise Wall Technical Requirements:

1. The noise barriers must be designed to the satisfaction of the town. (See attached Standard Wooden Noise Wall Drawing for typical design).
2. With the exception of noise walls associated with condominium applications, the noise wall is to be located within the town road allowance.
3. To ensure its effectiveness, the noise barrier must be installed in a continuous line.
4. The minimum height of the wall shall be 1.8 m above existing grade at the base of the wall. The maximum height of the wall portion of the noise barrier shall be 2.5 metres. The maximum height of the noise barrier shall be 3.0 m above existing grade at the base of the barrier. Berming where possible would be included in the design to achieve the additional 0.5 meters in noise barrier height.
5. For retrofit and roadway expansion projects, the choice of the type of barrier material and colour will be jointly shared with the homeowners. However the barrier material must meet the town's current specifications for noise barriers.
6. With respect to retrofit and capital works related noise barrier situations only, if required, property owners at the termination points of the noise barrier will be requested to allow the registration of an easement in favour of the town for the construction and maintenance of a noise barrier along a side lot line. The side lot line noise barrier will provide noise protection for the rear yard area. If the landowner declines the request, the town will not attempt to purchase or expropriate the easement but will delete this section of barrier from the project and reassess the impact on the effectiveness of the proposed noise barrier relative to the revised design.
7. The final design for noise walls proposed under Parts A and B shall be subject to the approval of the Director of Engineering and Construction. The final design of noise walls proposed under Part C shall be subject to the approval of the Director of Development Engineering.