

# NOISE ABATEMENT PROCESS

**Warranted:** Do any receptors warrant highway traffic noise abatement consideration?

Projected design year noise levels must be at or above 66 decibels (dBA), or must demonstrate a 10 dBA increase above existing noise levels.

**Feasible:** Is the proposed abatement feasible?

This question considers whether it would be physically possible to construct noise walls or earth berms at locations under study, and whether noise abatement would provide a measurable benefit for the majority of impacted residents – noise level reduction of at least 5 dBA. Additional feasibility considerations include access and safety, impacts to utilities and drainage.

**Reasonable:** Is it reasonable from a cost/benefit, maintainability, and land use conformity consideration?

To be considered reasonable, the area of the noise wall must not exceed 2000 SF/per benefited residence. To be considered a benefit, a 5 dBA noise reduction must be obtained for at least 50% of impacted sites. Community concurrence is also required.

*Final noise mitigation commitments will be made during the project's final design phase.*