

state college area CONNECTOR



Pennsylvania
Department of Transportation

www.PennDOT.pa.gov/SCAC

Warranted → Feasible → Reasonable

PennDOT considers noise abatement for residential receptors with traffic noise levels exceeding 66 dB(A) in the Build Condition

PennDOT considers noise abatement feasible when

- Noise abatement is constructable
- Achieve 5 dB(A) reduction for majority (50%) of impacted receptors
- Safety, access and maintenance considerations

PennDOT considers noise abatement reasonable when

- Abatement is determined warranted and feasible
- Abatement is less than cost reasonable value – PennDOT uses 2,000 ft² / benefited residence
- Achieve 7 dB(A) reduction for at least 1 benefited receptor
- Desired by the majority of benefitted receptors

FEIS/
ROD

Highway traffic noise abatement commitments are made at two times during a project's development:

- Environmental Clearance Phase
- Final Design Phase

The Pennsylvania Department of Transportation is committed to the construction of warranted, feasible, and reasonable highway traffic noise abatement measures at the noise-impacted locations identified contingent upon the following conditions:

- Detailed noise analyses during the Final Design Phase
- Analysis and determination of the feasibility and reasonableness of highway traffic noise abatement measures methodology and criteria
- Community input regarding desires, types, heights, and locations as well as aesthetic considerations
- Safety and engineering aspects as related to the roadway user and the adjacent property owner.