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Highway Noise Barriers Lessons Learned



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Highway Noise Barriers Lessons Learned

- 30 Years of Experience
- Ohio, Pennsylvania, West Virginia
- Environmental Noise Impact Analysis
- Barrier Analysis using FHWA models
- Barrier Construction Plan Design
- Public Input and Aesthetic Considerations

Federal Laws and Regulations

- Federal Aid Highway Act - 1970
- National Environmental Policy Act - 1969
- National Historic Preservation Act (Section 106) - 1966
- Department of Transportation Act (Section 4(f)) - 1966
- Transportation Equity Act for the 21st Century - 1998

Federal Laws and Regulations

- Federal Highway Administration Federal-Aid Policy Guide Title 23 Code of Federal Regulations Part 772 (23 CFR 772)
 - Procedures for Noise Studies
 - Noise Abatement Criteria (NAC)
 - Type I Projects
(new location, alignment change, or capacity increase)
 - Type II Projects
(existing highway)

Guidance

- FHWA Highway Traffic Noise Analysis and Abatement Policy and Guidance, June 1995
- FHWA Measurement of Highway-Related Noise, May 1996
- FHWA Technical Advisory T6680.8A, 1987
- INDOT Highway Traffic Noise Policy, 1997