

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

2025 Traffic Noise Policy



Effective Date: 4/3/2025



2025 Traffic Noise Policy

Sponsors:

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Traffic Noise and Air Quality Group Leader

Approved By:

4/3/2025
Date of Approval

Signed by:
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Joey R. Hopkins
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4/3/2025
Date of Approval

Michael S. Fox

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Board of Transportation

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2025 TRAFFIC NOISE POLICY

NCDOT POLICY

F.35.0103

Business Category: Division of Highways (DOH)		Business Area: Traffic Noise and Air Quality Group
Approval Date: 6/13/1990	Last Revision Date: 04/03/2025	Next Review Date: 11/5/2026
Authority: 23 Code of Federal Regulations Part 772 – Procedures for Abatement of Highway Traffic Noise and Construction Noise		Select all that apply: <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Requires Board approval <div style="text-align: center;"><u>Board of Transportation</u></div> <input checked="" type="checkbox"/> Requires Federal Highway Administration (FHWA) approval <input type="checkbox"/> Requires other external agency approval: Click here to enter external agency name(s).
Definitions: “ Decibel (dB) ” – shall mean the logarithmic unit for measuring sound pressure levels. For traffic noise measurements, decibels are most reported in terms of the A-weighting frequency scale, which best includes the frequencies to which human hearing is typically most sensitive and is denoted by the abbreviation dB(A). “ Leq ” – shall mean the equivalent steady -state sound level which, in a defined period of time, contains the same amount of acoustic energy as a time-varying sound level during the same period of time. “ Receptor ” – shall mean any location that receives traffic noise. “ Impacted Receptor ” – shall mean a receptor for which the predicted hourly equivalent traffic noise level 1) meets or exceeds the approach criteria value found in Table 1 of this policy or 2) exceeds the existing ambient noise level by 10 dB(A) or more. “ Benefited Receptor ” – shall mean all receptors, both impacted and non-impacted, that receive a noise level reduction of 5 dB(A) or more through placement of a noise abatement measure. “ Noise Abatement Measure ” – shall mean any method used to reduce traffic noise levels, such as noise walls and earthen berms. “ Worst Noise Hour ” – shall mean the hour within a day in which the highest magnitude hourly equivalent sound level occurs. The worst traffic noise hours typically occur when traffic flows freely at a high volume compared to the peak traffic hour volume, with a high percentage of trucks. “ Practicable ” – shall mean available and capable of being done after taking into consideration cost, existing technology, and logistics considering overall project purposes.		

Policy:

INTRODUCTION

This document represents the North Carolina Department of Transportation (hereinafter NCDOT) policy on highway traffic noise and construction noise and describes the implementation of the requirements of the Federal Highway Administration (hereinafter FHWA) Noise Standard at 23 Code of Federal Regulations Part 772 (23 CFR 772) as they relate to federal-aid and select state-funded highway construction in North Carolina. This policy was developed by the NCDOT and reviewed and approved by the FHWA.

The North Carolina Department of Transportation Traffic Noise Manual and 23 CFR 772 are intended to be companion documents to this policy.

PURPOSE

This policy describes the NCDOT process that is used in determining traffic noise impacts and abatement measures and the equitable and cost-effective expenditure of public funds for noise abatement. Where the FHWA has given highway agencies flexibility in implementing the 23 CFR 772 standards, this policy describes the NCDOT approach to implementation.

Federal-Aid Projects

This policy applies to all "Type I" federal or federal-aid highway projects in the State of North Carolina, including federal projects that are administered by local public agencies. Therefore, this policy applies to any highway project that is funded with federal-aid highway funds or requires FHWA approval regardless of funding sources. NCDOT does not participate in nor fund Type II (retrofit) projects along existing transportation facilities. Noise analyses are not required for Type III projects. Each of these project types are defined below. This policy shall be applied uniformly and consistently to all Type I federal projects throughout North Carolina.

Type I Project

- (a) The construction of a highway on new location; or,
- (b) The physical alteration of an existing highway where there is either:
 - (i) Substantial Horizontal Alteration. A project that halves the distance between the traffic noise source and the closest receptor between the existing condition to the future build condition; or,
 - (ii) Substantial Vertical Alteration. A project that removes shielding, therefore exposing the line-of-sight between the receptor and the traffic noise source. This is done by either altering the vertical alignment of the highway or by altering the topography between the highway traffic noise source and the receptor; or,
- (c) The addition of a through-traffic lane(s). This includes the addition of a through-traffic lane that functions as a HOV lane, High-Occupancy Toll (HOT) lane, bus lane, or truck climbing lane; or,
- (d) The addition of an auxiliary lane 2500 feet long or longer; or,
- (e) The addition or relocation of interchange lanes or ramps added to a quadrant to complete an existing partial interchange; or,
- (f) Restriping existing pavement for the purpose of adding a through-traffic lane or an auxiliary lane; or,
- (g) The addition of a new or substantial alteration of a weigh station, rest stop, ride-share lot or toll plaza.
- (h) If a project is determined to be a Type I project under this definition, then the entire project area as defined in the environmental document is a Type I project.

Type II Project

A Federal or Federal-aid highway project for noise abatement on an existing highway. For a Type II project to be eligible for Federal-aid funding, the highway agency must develop and implement a Type II program in accordance with 23 CFR 772.7(e).

Type III Project

A Federal or Federal-aid highway project that does not meet the classifications of a Type I or Type II project. Type III projects do not require noise analysis.

The highway traffic noise prediction requirements, noise analyses, noise abatement criteria, and requirements for informing local officials in 23 CFR 772 and this policy constitute the noise standards mandated by 23 U.S.C. 109(1). All federally funded highway projects which are developed in conformance with this policy shall be deemed to be in accordance with the FHWA noise standards.

State-Funded Projects

Projects that are State funded do not use the federal project type designation for applicability.

This policy will apply to State funded projects located on a US or Interstate route that has full control of access where the project involves adding a through-traffic lane.

All other State-funded projects for which a State Environmental Assessment (EA) or State Environmental Impact Statement (EIS) is prepared will comply with the North Carolina Environmental Policy Act (SEPA) and the North Carolina Administrative Code. For these projects, noise barriers will be considered where practicable.

Screening Analysis for Projects

A screening analysis using an FHWA-approved traffic noise screening tool and associated procedures may be conducted on Type I projects where noise impacts are not anticipated, provided the project's site conditions meet the criteria prescribed by FHWA's screening tool guidance. When such a screening analysis concludes that a detailed noise analysis is not required because the potential for traffic noise impacts is low, a memorandum to file documenting this may be prepared in lieu of a detailed noise study.

DATE OF PUBLIC KNOWLEDGE

The Date of Public Knowledge of the location and potential noise impacts of a proposed highway project is the approval date of the final environmental document, e.g., Categorical Exclusion (CE), State or Federal Finding of No Significant Impact (FONSI) or State or Federal Record of Decision (ROD).

NCDOT is not responsible for evaluating or implementing any noise barriers to protect developed lands that were not permitted before the Date of Public Knowledge.

The criterion for determining when undeveloped land is permitted for development is the approval date of a building permit for an individual lot or site. Approval of a development plan or any other development plan does not meet the permitted criteria.

NCDOT advocates the use of local government authority to regulate land development, planning, design and construction in such a way that noise impacts are minimized.

TRAFFIC NOISE PREDICTION

All traffic noise analyses performed by or for NCDOT must utilize the most current version of the FHWA Traffic Noise Model (TNM®) or any other model determined by the FHWA to be consistent with the methodology of the TNM® model, pursuant to 23 CFR 772.9.

Average pavement type shall be used in the FHWA TNM® for future noise level prediction.

Noise contour lines may be used only for project alternative screening or for providing information to local officials for their land use planning efforts associated with undeveloped lands as per 23 CFR 772.17. Noise contours should not be used for determining highway traffic noise impacts or assessing noise barriers.

Traffic characteristics that yield the worst noise hour equivalent traffic noise levels, expressed in Leq (h), for the Design Year shall be used in predicting noise levels and assessing noise impacts.

Traffic noise prediction must adhere to all directions contained in the NCDOT Traffic Noise Manual.

NOISE IMPACT DETERMINATION

Noise abatement measures for NCDOT highway projects must be considered when traffic noise impacts are created by either of the following two conditions:

- (a) The predicted worst noise hour Leq (h) traffic noise levels for the Design Year approach (reach one decibel less than) or exceed the Noise Abatement Criteria (NAC) contained in 23 CFR 772 and in Table 1, found on page 5 of this policy, OR
- (b) The predicted worst noise hour Leq (h) traffic noise levels for the Design Year substantially exceed existing noise 10 dB(A) or more.

A receptor is a discrete or representative location within a noise sensitive area(s) for any of the land uses listed in Table 1. For multifamily dwellings, each residence shall be counted as one receptor when determining impacted and benefited receptors. Non-residential receptors shall be represented by Equivalent Receptors calculated according to direction contained in the NCDOT Traffic Noise Manual.

Primary consideration should be given to exterior areas where frequent human use occurs in the determination of traffic noise impacts.

A traffic noise analysis shall be completed for each project alternative under detailed study and for all receptors and Equivalent Receptors defined to represent land use activities A, B, C, D, and E listed in Table 1 that are present in the study area. FHWA approval is required for designating Activity Category A land uses on federally funded projects. Traffic noise analyses are not required for Activity Category F land uses. Noise predictions are required for Activity Category G land uses to the extent needed to develop estimated noise levels to provide to local officials for planning purposes.

Table 1			
Noise Abatement Criteria			
Hourly Equivalent A-Weighted Sound Level (decibels (dB(A)))			
Activity Category	Activity Criteria¹ Leq(h)²	Evaluation Location	Activity Description
A	57	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B ³	67	Exterior	Residential

Table 1			
Noise Abatement Criteria			
Hourly Equivalent A-Weighted Sound Level (decibels (dB(A)))			
C ³	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, daycare centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios
E ³	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F
F	--	--	Agriculture, airports, bus yards, emergency services, industrial, logging maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing
G	--	--	Undeveloped lands that are not permitted

1. The Leq(h) Activity Criteria values are for impact determination only and are not design standards for noise abatement measures.
2. The equivalent steady-state sound level which in a stated period of time contains the same acoustic energy as the time-varying sound level during the same time period, with Leq (h) being the hourly value of Leq.
3. Includes undeveloped land permitted for this activity category.

ANALYSIS OF NOISE ABATEMENT MEASURES

When traffic noise impacts are identified, noise abatement measures shall be considered and evaluated for feasibility for all impacted receptors and reasonableness for all benefited receptors. All the following conditions must be met in order

for noise abatement measures to be justified and incorporated into project design, as applicable. Failure to achieve any single element of feasibility or reasonableness will result in the noise abatement measure being deemed not feasible or not reasonable, whichever applies.

NCDOT will provide noise barriers for all possible impacted receptors that meet the feasibility and reasonable criteria found in this policy. Noise barriers will not be extended solely to provide noise reduction for non-impacted receptors. Benefits for non-impacted receptors will only occur when they are incidental in noise barriers designed for impacted receptors.

Feasibility

The combination of acoustic and engineering factors is considered in the evaluation of a noise barrier.

- (a) Any receptor that receives a minimum noise level reduction of five dB(A) due to a noise barrier shall be considered a benefited receptor. Noise reduction of five dB(A) must be achieved for at least two impacted receptors.
- (b) Engineering feasibility of noise barriers shall consider adverse impacts created by or upon property access, drainage, topography, utilities, safety, and maintenance requirements.

Reasonableness

The combination of social, economic, and environmental factors considered in the evaluation of a noise barrier.

- (a) The allowable quantities for noise barriers per benefited receptor, with allowances for incremental increases based upon existing and predicted noise levels of all impacted receptors within each noise study area, are shown in Table 2.

For the purpose of calculating the incremental increase, the Noise Abatement Criteria (NAC) values for Activity Categories A, B, C, D, and E, as shown in Table 1, are to be used and not the NCDOT "approach" values used in traffic noise impact determinations.

Table 2			
Allowable Noise Barrier Base Quantities			
Maximum Allowable Base Quantity	Noise Level Consideration	Noise Wall	Earthen Berm
		1,500 ft ²	4,200 yd ³
Average dB(A) Increase Between Existing and Future Build for All Impacted Receptors	< 5 dB(A)	+ 0 ft ²	+ 0 yd ³
	5-10 dB(A)	+ 500 ft ²	+ 1,400 yd ³
	> 10 dB(A)	+ 1,000 ft ²	+ 2,800 yd ³
Average Exposure to Absolute Noise Levels for All Impacted Receptors	< 5 dB(A) Over NAC Activity Category	+ 0 ft ²	+ 0 yd ³
	5-10 dB(A) Over NAC Activity Category	+ 500 ft ²	+ 1,400 yd ³
	> 10 dB(A) Over NAC Activity Category	+ 1,000 ft ²	+ 2,800 yd ³

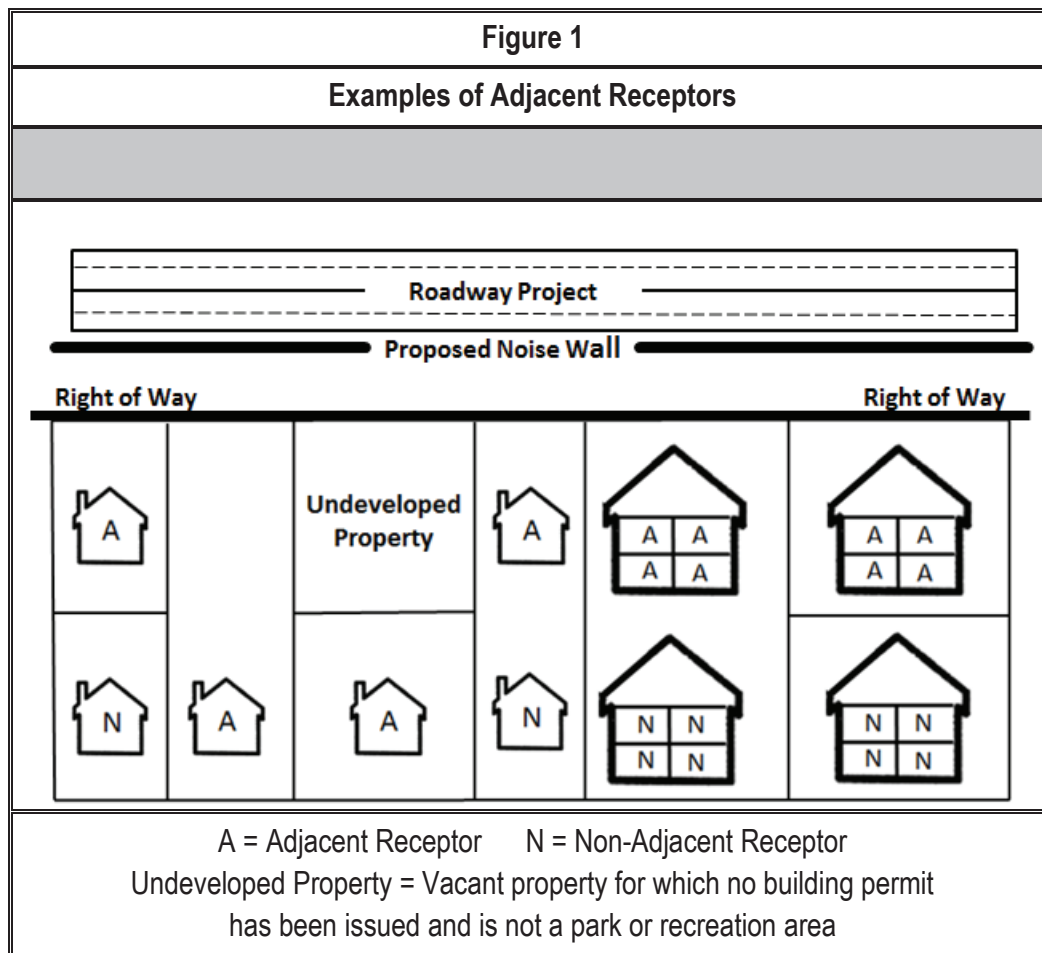
- (b) A noise reduction design goal of 7 dB(A) must be achieved for at least one benefited receptor, whether impacted or not. If it can be achieved for one benefit, then the barrier shall be optimized to achieve 7 dB(A) at as many impacted receptors as possible. The initial evaluation of at least one NRDG is focused on all benefits. The subsequent assessment of achieving NRDG at additional receptors is focused only on impacts.

(c) Property owners and tenants of all benefited receptors shall be solicited to obtain their preferences for or against a proposed noise barrier. No tenant ballots are distributed for vacant rental property. Points per ballot shall be distributed in the following weighted manner:

- 5 points/ballot for adjacent property owners who reside at property
- 4 points/ballot for adjacent property owners who rent property to others
- 3 points/ballot for all non-adjacent property owners who reside at property
- 2 points/ballot for all non-adjacent property owners who rent property to others
- 1 point/ballot vote for all tenants of rental property

Adjacent Receptor is a benefited receptor that 1) represents a property that abuts the highway right of way or 2) has no benefited receptor between it and the highway. Where multiple buildings containing benefited receptors are on the same property, such as an apartment or condominium complex, only the building closest to the highway is an adjacent receptor. Adjacent receptors will most often, but not always, be part of the front row of benefited receptors. Figure 1 provides graphic examples of Adjacent Receptors.

Owners of multi-unit rental locations will receive the applicable number of owner points for each individual benefited receptor (rental unit) owned.



If 50% or greater of all possible voting points from benefited receptors for each noise barrier are received on the first solicitation, a simple majority of voting points cast will be used to determine if the proposed noise barrier will be constructed

If less than 50% of all possible points for each noise barrier are received on the first solicitation, a second solicitation will be sent to benefited receptors who did not respond to the first solicitation.

If a second solicitation is conducted and 50% or greater of all possible voting points for each noise barrier are received after the second solicitation, a simple majority of voting points cast will be used to determine whether or not the proposed noise barrier will be constructed.

If less than 50% of total possible points for a noise barrier are received after the second solicitation, the noise barrier will not be constructed.

Noise barriers will be constructed in the case of a tie (equal number of points for and against a noise barrier).

All balloting soliciting the viewpoints of benefited property owners and applicable residents/tenants that occur after the effective date of this policy, regardless of the Date of Public Knowledge, shall comply with the criteria of this policy.

Other Considerations

Prior to CE approval or issuance of a FONSI or ROD, NCDOT shall identify in all applicable environmental documents:

- (a) Noise barriers that are feasible and reasonable,
- (b) Noise impacts for which no noise barrier appears to be feasible and reasonable,
- (c) Locations where noise impacts will occur, where noise barriers are feasible and reasonable, and the locations that have no feasible and reasonable noise barriers.
- (d) Whether it is "likely" or "unlikely" that noise barriers will be installed for each noise sensitive area identified. "Likely" does not mean a firm commitment. The final decision on the installation of noise barriers shall be made upon completion of the project design, the public involvement process, compliance with the NCDOT Policy, and FHWA approval.

Third Party Participation

- (a) Third party funding of noise barriers cannot be used to make up the difference between the reasonable quantity allowance and the actual quantity of noise barriers. Third party funding is allowed only by local, state and federal government agencies, and can only be used to pay for additional features such as landscaping and aesthetic treatments for noise barriers that meet all feasible and reasonable criteria previously detailed in this policy. Private parties may freely enter into agreements with government agencies to develop noise barrier enhancements; however, all funding for enhancements paid to NCDOT must come from government agencies.
- (b) Traditional highway construction resources pay for required noise barriers. Should a local government request that materials be used that are more costly than the standard materials proposed by NCDOT, the requesting entity must assume 100% of the actual additional construction cost.
- (c) If a local government insists on the provision of a noise barrier deemed not reasonable by NCDOT, a noise barrier may be installed provided the local government assumes 100% of the costs and obtains an encroachment permit from NCDOT to perform the work. These costs include, but are not limited to, preliminary and final engineering, actual construction and all related maintenance. In addition, local governments must ensure that NCDOT's material, design and construction specifications are met. The local government must also assume 100% of the liability associated with the measure and hold harmless the NCDOT.
- (d) For (b) and (c) above, the settlement agreement shall be signed before third party noise barrier design begins and payment shall be made to NCDOT in accordance with N.C.G.S. 136-66.3(e).

ARCHITECTURAL TREATMENT OF NOISE WALLS

The standard noise wall architectural treatment consists of:

- (a) Concrete columns; Steel piles may be used when necessary to address site conditions adverse to the use of concrete columns.
- (b) Precast concrete panels textured on both sides.
- (c) No texture on the uppermost foot of each wall segment.

- (d) A single color of stain in brown or gray tones applied to both sides of textured panels.
- (e) No stain applied to the uppermost foot of each wall segment and the concrete columns.

All enhancements to this standard noise wall must be paid for in accordance with Third Party Participation provisions in this policy.

NCDOT Division Engineers are responsible for determining noise wall textures and colors in their respective Divisions.

PUBLIC INVOLVEMENT

Communication with the community regarding noise impacts and possible noise abatement shall occur at the start of the noise study process and continue throughout the development of the project. NCDOT will communicate with citizens to present information on the nature of highway traffic noise and discuss the effects of noise abatement and how public preferences for noise abatement are solicited via a balloting process.

Noise study areas showing “likely” noise barriers and/or proposed locations of any “recommended” noise barriers will be presented and discussed when holding Public Hearings and Public Meetings. Likely noise barriers are based on preliminary design traffic noise analyses and are described in environmental documents. Recommended noise barriers are based on final design noise analyses and are usually identified after the environmental document is completed. Property owners and tenants who are being balloted for a recommended noise barrier will be provided with a visual of the noise barrier location prior to their casting a ballot.

COORDINATION WITH LOCAL OFFICIALS

NCDOT will provide all traffic noise analyses to local government officials within whose jurisdiction a highway project is proposed as early in the project planning process as possible to protect future development from becoming incompatible with traffic noise levels. Specifically, environmental documents and design noise reports will contain information identifying areas that may be impacted by traffic noise, predicted noise level contour information, the best estimation of future noise levels for developed and undeveloped lands or properties in the immediate vicinity of the project and other appropriate design information. If requested, NCDOT will assist local officials with coordination and distribution of this information to residents, property owners and developers. NCDOT will provide information to assist local jurisdictions in the development of local noise controls, when requested. NCDOT strongly advocates the planning, design and construction of noise-compatible development and encourages its practice among planners, building officials, developers and others.

CONSTRUCTION NOISE

To minimize the impacts of construction noise on the public, NCDOT shall:

- (a) Identify land uses or activities that may be affected by noise from construction of the project.
- (b) Determine the measures that are needed in the plans and specifications to minimize or eliminate adverse construction noise impacts to the community. This determination shall consider the benefits achieved and the overall adverse social, economic, and environmental effects and costs of the abatement measures.
- (c) Consider construction techniques and scheduling to reduce construction noise impacts to nearby receptors and incorporate the needed abatement measures in the project plans and specifications.

FEDERAL PARTICIPATION

The costs of noise barriers may be included in federal aid participating in project costs with the federal share being the same as that for the system on which the project is located when:

- (a) Traffic noise impacts have been identified; and
- (b) Noise barriers have been determined to be feasible and reasonable pursuant to 23 CFR 772 and this policy.

REVIEW OF POLICY

This policy shall be reviewed by the NCDOT Board of Transportation at least every five years.

Scope: Projects with a Date of Public Knowledge on or after the effective date of this policy shall comply with the criteria of this policy.

Procedures: [2022 Traffic Noise Manual](#)

Related Documents:

[State Highway Agency Noise Policy Template](#)

[Highway Traffic Noise: Analysis and Abatement Guidance](#)

[Noise Policy FAQs - Frequently Asked Questions](#)

[Noise Measurement Handbook - Final Report FHWA-HEP-18-065](#)

[Noise Measurement Field Guide - Final Report FHWA-HEP-18-066](#)

2021 Noise Policy Committee:

Lamar Sylvester, PE	Chief Engineer's Office
Anthony Law	Division 3
Joey Hopkins, PE	Division 5 (formerly; currently, Chief Engineer's Office)
Drew Cox, PE	Division 6
Wright Archer, PE	Division 7
Pat Ivey, PE	Division 9
Brett Canipe, PE	Division 10
Matt Clarke, PE	Technical Services Division
Teresa Bruton, PE	Design-Build Unit
Derrick Weaver, PE	Environmental Policy Unit
Scott Hidden, PE	Geotechnical Engineering Unit
Tatia White, PE	Roadway Design Unit
Gichuru Muchane, PE	Structures Management Unit
Phil Harris, PE	Environmental Analysis Unit
Missy Pair, PE	Traffic Noise and Air Quality Group

Committee Support Staff:

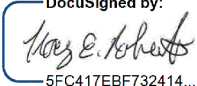

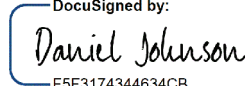
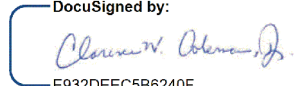
Scott Webb, PE	Geotechnical Engineering Unit
William Akabi-Davis, PE	Roadway Design Unit
David Stutts, PE	Structures Management Unit
Jamie Lancaster, PE	Environmental Analysis Unit
Beth Allen (NV5)	Environmental Analysis Unit
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Tracy Roberts (HNTB)	Traffic Noise and Air Quality Group

Sponsors:

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Felix Davila, PE	Federal Highway Administration
Michael S. Fox	Board of Transportation

Revision History

Revision Date	Revision Number	Description
6/13/1990	1	1990 Noise Abatement Guidelines
1996	2	<u>1996 Traffic Noise Abatement Policy</u>
9/2/2004	3	<u>2004 Traffic Noise Abatement Policy</u>
7/13/2011	4	<u>2011 Traffic Noise Abatement Policy</u>
10/6/2016	5	<u>2016 Traffic Noise Policy</u>
11/4/2021	6	<u>2021 Traffic Noise Policy</u>
4/3/2025	7	<u>2025 Traffic Noise Policy</u> : 2021 Policy updated to add the section titled Screening Analysis for Projects, which allows the use of an FHWA approved traffic noise screening tool within the confines of the FHWA guidance on how to use such a tool.

Policy Approval		
<p><i>The signing below certifies that the aforementioned policy has been vetted by the business area representative, applicable legal counsel (AG's office, etc.), and executive staff member(s).</i></p>		
<p>Business Area Representative</p>	<p>DocuSigned by:</p>  <p>5FC417EBF732414...</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Signature</p>	<p>03/24/2025</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Date</p>
<p>Executive Staff Member</p> <p><i>(Responsible for the Unit)</i></p>	<p>DocuSigned by:</p>  <p>1EB20097EAAF437...</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Signature</p>	<p>03/24/2025</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Date</p>
<p>Legal Counsel</p> <p><i>(Responsible for the Unit)</i></p>	<p>DocuSigned by:</p>  <p>F5F3174344634CB...</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Signature</p>	<p>03/24/2025</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Date</p>
<p>FHWA Representative</p>	<p>DocuSigned by:</p>  <p>E932DEEC5B6240F...</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Signature</p>	<p>03/24/2025</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/> <p>Date</p>