



COLORADO

Department of
Transportation

Traffic Noise Practitioner's Summit

June 27-28, 2018

National Academies of Science

2101 Constitution Ave NW, Washington DC

CDOT's Noise Report Template

By Rose Waldman, CDOT Noise Program Manager



Template Benefits

- Consultants: No more guessing about what CDOT wants in reports
- CDOT: Should cut down on number of comments made, thus reduce review time
- Public: Consistency in level of detail, terminology, and how report is laid out



Schedule

- 1st draft developed over 5 months, then 3 months of review (interrupted by computer attack)
- Released April 28, 2018
- Required on projects with Scoping Date on or after July 1, 2018
- Received 3 reports using template as of June 25, 2018



Creation and Review

- Based on requirements in current CDOT guidelines
- Flexibility to add more information via additional appendices
- 1st draft developed by consultant; based on CDOT parameters
- Most of changes in later drafts made by CDOT
- Internal CDOT and FHWA review followed by open consultant review (meeting and via email)



Template Overview

- Text is either not highlighted, red (directions), or highlighted in grey (sample text)
- Template applicability and overall directions/information at beginning, in red
- Outline and content based on FHWA report recommendations
- Used tables to “cut the fluff” and so data could be located more easily
- Characteristics of noise discussion not included; refers to CDOT guidance



Questions???

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Template available at:

<https://www.codot.gov/programs/environmental/noise/regulations-guidelines-policies>



Templates?

Templates?

We Do Need Some Steeking Templates?

Session 2

Report Templates

2018 Noise Practitioner's Summit

June 27 - 28, 2018



WisDOT Environmental Process Templates

- Environmental Document Templates
- Factor Sheet Templates
- Section 4(f) Templates
- Document Re-Evaluation Template
- Public Involvement Templates

<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrces/environment/formsandtools.aspx>



Traffic Noise Evaluation Factor Sheet

File Home Insert Design Layout References Mailings Review View BLUEBEAM Tell me what you want to do

d3traffic.doc [Read-Only] [Compatibility Mode] - Word WALDSCHMIDT, JAY A Share

TRAFFIC NOISE EVALUATION Wisconsin Department of Transportation
Factor Sheet D-3

Alternative	Total Length of Center Line of Existing Roadway
Preferred	Length of This Alternative
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None Identified	

1. Need for Sound Level Analysis:
Is the proposed action considered a Type I project or WisDOT Retrofit Project per FDM 23-10-1?
☐ No - Complete only Factor Sheet D-2, Construction Stage Sound Quality Evaluation.
☐ Yes - Complete Factor Sheet D-2, Construction Stage Sound Quality Evaluation, and the rest of this sheet.

2. Traffic Data:
Indicate whether traffic volumes for sound prediction are different from the Design Hourly Volume (DHV) on Basic Sheet 6, Traffic Summary Matrix:
☐ No
☐ Yes - Indicate volumes and explain why they were used:
Automobiles Veh/hr
Trucks Veh/hr
Or Percentage (T) %

3. Sound Level Analysis Technique
Identify and describe the noise analysis technique or program used to identify existing and future sound levels. (See attached receptor location map as Exhibit). A receptor location map must be included with this document.

4. Sensitive Receptors
Identify sensitive receptors, e.g., schools, libraries, hospitals, residences, etc. potentially affected by traffic sound. (See attached receptor location map - Exhibit).

5. Noise Impacts
If this proposal is implemented will future sound levels produce a noise impact?
☐ No
☐ Yes - The impact will occur because:
☐ The Noise Level Criteria (NLC) is approached (1 dBA less than the NLC) or exceeded.
☐ Existing sound levels will increase by 15 dBA or more.

6. Abatement
Will traffic noise abatement measures be implemented?
☐ Not applicable - Traffic noise impacts will not occur.
☐ No - Traffic noise abatement is not reasonable or feasible (explain why). In areas currently undeveloped, local units of government shall be notified of predicted sound levels for land use planning purposes. A COPY OF THIS WRITTEN NOTIFICATION SHALL BE INCLUDED WITH THE FINAL ENVIRONMENTAL DOCUMENT.
☐ Yes - Traffic noise abatement has been determined to be feasible and reasonable. Describe any traffic noise abatement measures which are proposed to be implemented. Explain how it will be determined whether, or not those measures will be implemented.

Page 1 of 2 767 words

100%



Traffic Noise Evaluation Factor Sheet

[illegible]

Traffic Noise Evaluation Factor Sheet

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WALDSCHMIDT, JAY A

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CONSTRUCTION STAGE SOUND QUALITY EVALUATION Wisconsin Department of Transportation

Factor Sheet D-2

Alternative	Total Length of Center Line of Existing Roadway
	Length of This Alternative

Preferred
☐ Yes ☐ No ☐ None Identified

1. Identify and describe residences, schools, libraries, or other noise sensitive areas near the proposed action and which will be in use during construction of the proposed action. Include the number of persons potentially affected:

2. Describe the types of construction equipment to be used on the project. Discuss the expected severity of noise levels including the frequency and duration of any anticipated high noise levels:

The noise generated by construction equipment will vary greatly, depending on equipment type/model/make, duration of operation and specific type of work effort. However, typical noise levels may occur in the 67 to 107 dBA range at a distance of 50 feet.

3. Describe the construction stage noise abatement measures to minimize identified adverse noise effects.

Check all that apply:

☐ WisDOT Standard Specifications 107.8(6) and 108.7.1 will apply.

☐ WisDOT Standard Specifications 107.8(6) and 108.7.1 will apply with the exception that the hours of operation requiring the engineer's written approval for operations will be changed to _____ P.M. until _____ A.M.

☐ Special construction stage noise abatement measures will be required. Describe:

Page 1 of 1 211 words

100%



Noise Barrier PIM Public Notice Templates

- One version for those eligible to vote
 - Includes a voting ballot
 - Barrier color and texture comment form
- One version for those not eligible
- Template for newspaper notice





**Wisconsin Department of Transportation
Verona Road (US 18/151)
Raymond Road to Seminole Highway
Project ID 1206-07-06/09
Dane County**

NOISE WALL VOTING BALLOT

There are five noise walls that are eligible to be incorporated into Stage 1 of the Verona Road project if the wall receives the support of benefiting receptors. For a noise wall to be constructed, WisDOT must receive a vote of support for the noise wall from a simple majority of all votes cast by the owners or residents of the benefited receptors as follows:

- For each benefited receptor that is owner-occupied, the owner will have one vote.
- For each benefited receptor that is not owner-occupied, the owner will have one vote and one resident will have one vote.

Proposed Noise Wall #«Noise_Wall_No»

«Renter_First_Name»

«Property_Address», «Property_CSZ»

- ☐ OWNER (I am the Owner of the Property Listed Above)
- ☐ RENTER (I am a renter in the Property Listed Above)
- ☐ I Support Construction of the Eligible Noise Wall
- ☐ I Do Not Support Construction of the Eligible Noise Wall

Please return this ballot with your vote using any of the following options:

1. Submit your ballot by e-mail to mark.vesperman@dot.wi.gov.
2. Submit ballot using the self-addressed postage paid envelope included with this ballot by June 18, 2012.

The ballot is due to the Wisconsin Department of Transportation by June 18, 2012.

If you have any questions on the voting process please contact:

Mark Vesperman
Project Manager

Phone: (608) 246-7548
E-mail: mark.vesperman@dot.wi.gov

Una versión en español de este documento está disponible al reverso.

The Ballot



Questions?

If you want electronic copies of any of
the templates,
please email me at;

jay.waldschmidt@dot.wi.gov

