

# TRAFFIC NOISE EVALUATION

Wisconsin Department of Transportation

## Factor Sheet D-3

Alternative	Total Length of Center Line of Existing Roadway Length of This Alternative
Preferred <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:

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