

# CONSTRUCTION SOUND Factor Sheet

06-11-2019 (Guidance 08-18-2025)

Wisconsin Department of Transportation

Alternative:	Preferred: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None identified	Project ID:
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For questions contact the Region Environmental Coordinator (REC) or the Bureau of Technical Services, Environmental Process and Documents Section (BTS-EPDS) specialist.

A separate Factor Sheet should be completed for each alternative carried forward for detailed analysis with potential impacts to construction stage sound receptors, unless impacts are identical between alternatives, in which case clarify in the Alternatives box above which alternatives are included in the discussion on this sheet.

1. **Identify and describe residences, schools, libraries, government or social services offices or other noise sensitive areas near the proposed project which will be in use during construction window of the proposed project. Include the number of persons potentially affected:**

If any of the potentially impacted receptors are Environmental Justice groups the EJ Factor Sheet must also be completed.

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 73 to 101 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.
- ☐ 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:

If special construction noise mitigation measures are required, contact your REC for the appropriate verbiage.

All environmental commitments made to avoid, minimize or compensate for impacts must be included in Section XIII of the CEC Template or Section 22 of the ER and EA Template.