

## **WSDOT Noise Minimization Measures**

Except in the case of emergency, whenever the Contractor works between the night-time hours of 10:00 p.m. and 7:00 a.m. Monday through Friday or between 10:00 p.m. and 9:00 a.m. Saturday through Sunday and exceeds the local ordinance noise levels, the Contractor shall, in addition to other restrictions of this section or other ordinances, perform the following measures to minimize construction noise:

1. Impact/impulse tools such as jackhammers and concrete saws, generators, and compressors may be used between the hours of 10:00 p.m. and 7:00 a.m. Monday through Friday and between the hours of 10:00 p.m. and 9:00 a.m. Saturday, Sunday, and holidays provided WSDOT-approved noise mitigation shields are used during this type of work.
2. The Contractor shall use broadband, ambient-sensitive, or strobe backup warning devices or use back-up observers in lieu of back-up warning devices for all equipment except dump trucks in compliance with WAC Chapter 296-155-610 and 296-155-615. The Contractor shall use back-up observers and the broadband or strobe back-up warning devices for dump trucks in compliance with WAC Chapter 296-155-610. This condition shall apply to activity conducted between the hours of 10:00 pm and 7:00 am, Monday through Friday, and between the hours of 10:00 pm and 9:00 am on Saturday, Sunday, and legal holidays.
3. All trucks performing export haul shall have rubber bed liners between the hours of 10:00 p.m. and 7:00 a.m. Sunday night through Friday and between 10:00 p.m. and 9:00 a.m. on Friday night through Sunday morning.
4. During pavement removal, all material spilled on the roadway shall be removed by hand or by sweeping. No scraping type equipment shall be used.
5. Stationary equipment, such as light plants and generators, is allowed provided that Contracting Agency-approved noise mitigation shields are used. Other machinery for off-road use, such as cranes, shall use double mufflers where practicable.
6. The Contractor shall use noise blankets, skirts, or other means available for all mobile equipment to mitigate noise that does not reasonably interfere with the operation of the engine.
7. The Contractor shall provide written notification to the Public Facilities District, the Seattle Mariners organization, and residents within 500 feet of the night-time work zone area 7 days prior to the commencement of the work. The Contractor shall provide a copy for review and approval to the Engineer at least 10 days prior to the mailing deadline.

The notification shall contain the following information:

1. Legal project title, mile post (MP) location, jurisdiction, description of the project, and description of the items of work to be performed at night by the Contractor.
2. Start date and duration of the night-time work.
3. List of the expected night-time noise sources.
4. List of noise mitigation measures to be implemented.
5. A 24-hour Contracting Agency construction office complaint number, as well as a list of designated contact persons for the purpose of forwarding complaints.

A sample of a written notification is available from the Engineer upon request.

Failure of the Contractor to perform all obligations under this Special Provision will result in the suspension of all night work.

The Contractor shall furnish temporary wood-frame noise shields constructed from standard building materials in accordance with the Environmental Compliance Detail sheet in the Plans. The temporary noise shields shall be used to comply with the City of Seattle noise variance condition(s) listed in the contract Special Provisions.