

Pile Driving FAQ

The questions and answers below provide current information on the noise impacts of pile driving for the Abernethy Bridge Project.

- **What is pile driving?** Pile driving is a construction method used to install vertical columns made of large 24-inch to 36-inch steel pipes by inserting them into soil with a very large hammer. Essentially, the “piles” will create the framework for the remaining temporary work bridge the contractor will use to access and construct the new bridge foundations in the river for the Abernethy Bridge structure.
- **How long will the activity last?** Initial pile driving began in July 2023 and will conclude in October 2023. Additional activity may continue throughout the project.
- **How loud will pile driving be?** Within 200 feet of the pile driving, the sound will be comparable to a noisy restaurant. At 500 feet and greater from the site, the sound will be no louder than city traffic. While noise from this activity will be disruptive in the immediate area, it is the only safe and reliable method to ensure the contractor can safely access the new bridge foundation in the river.
- **What is being done to mitigate noise from pile driving on the community?**
 - The piles will be vibrated into the soil to start to lessen the amount of hammer strikes needed to embed them to the proper depth.
 - Pile driving will occur Monday to Saturday from 8am – 8pm. No nighttime pile driving is permitted.
 - Where feasible, machinery will be muffled.
- **What other noise will occur during the project?** In addition to pile driving, the project will have typical construction noise from bridge demolition, large machinery, vehicle backing-up beepers and general work activity.
- **How do I stay involved?**
 - Visit the Project Website for updates and notices: i205corridor.org.
 - Call the 24-hour Noise Hotline at (503) 294-2125 if you have any concerns with noise during nighttime construction activities.