Lynnwood Link Extension

January 2014

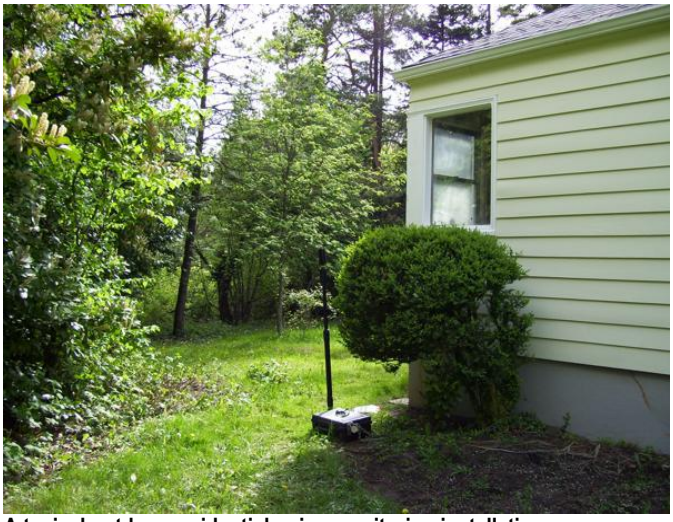
Neighborhood and Residential Field Work

Over the next few months Sound Transit representatives will contact property owners for approval to access private property in order to conduct noise monitoring, vibration testing/monitoring, geotechnical drilling and survey work. This information is needed to study, evaluate and document the potential impacts of the planned Link light rail expansion, complete the environmental review process and publish the Final Environmental Impact Statement early next year.

After receiving approval from property owners in the form of Right of Entry authorizations, work on private and public properties will take place over the next six months or more along the Interstate 5 corridor between Northgate and Lynnwood.

Noise Monitoring

Measuring noise at homes helps staff determine the potential impacts of future train operations. Noise monitoring equipment is placed outdoors on private property to collect data on existing conditions for 2-3 days at each site. Only surrounding noise is recorded as decibel levels, actual sounds or nearby conversations are not recorded. Access to homes and power is not required.



A typical outdoor residential noise monitoring installation.

Vibration Testing and Monitoring

To evaluate the potential for vibration from future train operations on nearby buildings and homes, vibration testing and monitoring will be completed. Monitoring equipment is placed in and around homes to record vibration data while staff and equipment are nearby during testing. Power generators may be heard and impact equipment may cause noticeable vibration during testing. Testing will be completed during normal working hours and each site should be completed in 4-5 hours.

Geotechnical Drilling

In order to study soil conditions, drilling or “borings” are necessary to collect soil samples for analysis. A drill rig and truck will perform borings and remove soil samples from each site. Each bored hole will be refilled and patched to match previous conditions as closely as possible. In accordance with all local regulations borings will be done carefully to avoid soil erosion and dirt or mud from leaking into surface waters, wetlands and drainage systems. Each site may take about three days to complete.

Civil and Wetlands Survey Work

Civil surveyors will gather topographical information and may leave paint markings or survey nails on the ground and ribbons in trees. Biologists will perform wetlands survey work and analyze plants species, hydrologic conditions and soils. Small holes may be dug but will be refilled. Survey flags may also be placed to indicate wetland boundaries and should not be moved.

Your cooperation and assistance is appreciated as neighborhood and residential field work is completed.

Questions?

Contact Roger Iwata at 206-689-4904 or roger.iwata@soundtransit.org.

Learn more about the project at soundtransit.org/LLE.

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