



King County

Department of Local Services
Road Services Division

September 18, 2026

TO: Stacy Graves, Assistant Planner, Permitting Division

FM: Adam Brown, Environmental Scientist, Environmental Unit

RE: Construction Hours Noise Variance Request – SE Jones Rd Culvert Replacement
Project #3-46532

King County Department of Local Services, Road Services Division (Roads) is requesting a Construction Hours Variance to work outside of normal hours of operation per King County Code (KCC) 12.86.550. The following information is provided in support of this request.

Project: SE Jones Rd Culvert Replacement Project #3-46532

Applicant/Contact: Adam Brown

Environmental Scientist III, Environmental Unit
Road Services Division, King County Department of Local Services
155 Monroe Avenue NE, Building A (Mailstop: RSD-LS-0100)
Renton, WA 98056-4101

Project Location: The culvert is located in the northern part of the S-curve of SE Jones Road, north of the Ricardi Beach Natural Area, east of the city of Renton in unincorporated King County. The project site is within the Northeast Quarter of Section 24, Township 23N, Range 05E, Willamette Meridian at latitude 47.46768 N and longitude 122.10354 W.

Project Description: To replace a deteriorated corrugated metal pipe culvert prone to getting plugged with sediment, with a fish-passable four-sided concrete box culvert designed to allow for sediment removal at the inlet.

Variance Requested: To expedite project work and provide more flexibility for the work crew schedule, Roads is requesting a Construction Hours Variance for 14 days within the construction period, which is from October 12 to November 20.

Justification for Variance:

- SE Jones Road is a moderately traveled urban road that provides local access and is a school bus route.
- The fish passage culvert replacement project is a necessary infrastructure improvement that will maintain the safety of this stream crossing. It will replace a deteriorating metal culvert with a pre-cast concrete box culvert. This will reduce the risk of roadway failure and flooding and improves the ability to maintain the crossing into the future. This ensures adequate and safe access for the traveling public, residents, emergency personnel, and other services.
- Given the permitting timelines and procurement of materials, this project has seen multiple delays. The authorized in-water work window allows work outside of the window when the stream is naturally dry. Roads anticipates that allowing work outside of normal construction hours will decrease the total number of days

that the project is under construction. It is unknown exactly how many days fewer the project would be in construction if the variance is issued.

- Working less days may reduce economic hardship if the closure prevents or delays people from traveling to work, or from accessing childcare, eldercare, healthcare, or other services.
- Working less days may help reduce potential sediment, erosion, and air quality impacts.
- Allowing work in the evenings/early morning, as needed may have less impact on the public because there will be less traffic on the road during this time. Less traffic minimizes safety issues and traveling disruptions for the public.
- Approximately 6 homes are located within 500 feet of the project location and may be affected by project noise (see the enclosed map).
- No known sensitive receivers are located within 500 feet of the work area.

Mitigation Measures: Per KCC 16.82.105.B.6, proposed measures are provided to minimize noise impacts to avoid health and safety hazards outside of normal hours of operation. The forested conditions and topography surrounding the project are anticipated to provide additional sound attenuation. To further reduce noise impacts, the following mitigation measures will be implemented:

- Specific mitigation measures listed in attached Equipment Table shall be implemented to the extent feasible.
- All vehicles should be equipped with backup warning devices, except pure tone devices, to the extent allowed or required by the Washington State Department of Labor and Industries. Workers may 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. Workers shall use backup observers and back-up warning devices, except pure tone devices, for dump trucks in compliance with WAC Chapter 296-155-610.
- All trucks shall have well-maintained bed liners as inspected and approved by the Engineer.
- Truck tailgate banging is prohibited. All truck tailgates shall be secured to prevent excessive noise from banging.
- All equipment shall be properly muffled and comply with all applicable local, state, and federal regulations.
- Music, loud voices, radios, and other such amplifying equipment shall not be used in a manner that is heard outside the immediate work area.
- A copy of the construction hours variance shall be always kept on the project site.
- A 24-hour complaint number (listed below), as well as a list of designated contact persons, shall be provided for the purpose of forwarding complaints.
- Roads will provide additional verbal and/or written notice to parcel owners within approximately 500 feet that might be potentially affected by noise at least 14 days prior to the start date of the work.
- Public outreach for the upcoming work may also employ use of social media outreach.

- Permitting Division will be notified prior to the actual start date of the work per the conditions of Construction Hours Variance.
- Roads will maintain an accurate record of the work completed on this project per ongoing coordination with the contractor.
- Contact information during construction is as follows:
 - Terry DePriest, King County Roads, Supervisor, Drainage Construction (206)477-3596, Terry.DePriest@kingcounty.gov
 - Rachel Ainsley, King County Roads, Drainage Engineer/Project Manager, (206) 963-9140, rainslie@kingcounty.gov
 - Hoda Sondossi, King County Roads, Environmental Scientist, (206) 889-8313
 - Roads 24-hour complaint/information number 206-477-8100

Thank you for your assistance with this project. If there are any questions, please call me at 425-757-6412 or email me at adbrown@kingcounty.gov.

Enclosures

Sincerely,

Adam Brown
Environmental Scientist III

cc:

Rachel Ainslie
Project Manager/Engineer III



SE Jones Road Culvert Replacement Project #3-46532

-  Project Location
-  Stream
-  500-foot buffer
-  Parcel

0 250 500 Feet



King County

The information included on this map has been compiled by King County staff from a variety of sources and is subject to change without notice. King County makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a survey product. King County shall not be liable for any general, special, indirect, incidental, or consequential damages including, but not limited to, lost revenues or lost profits resulting from the use or misuse of the information contained on this map. Any sale of this map or information on this map is prohibited except by written permission of King County.



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Equipment	Sound Level (dBA) ^a					Mitigation Measures
	At 50 ft	At 100 ft	At 200 ft	At 300 ft	At 500 ft	
Air compressor	78	70	63	59	53	When possible, air compressors will be located in areas shielded from direct line of sight from residences or temporary noise shields will be used.
Chainsaw	84	76	69	65	59	Chainsaws will only be used during daytime hours.
Compactor	83	75	68	64	58	When possible, contractor will locate shield between compactors and area residents with direct line of sight.
Concrete hammer drill	85	77	70	66	60	When possible, contractor will locate shield between concrete hammer drills and area residents with direct line of sight.
Concrete saw	90	82	75	71	65	When possible, contractor will locate shield between concrete saws and area residents with direct line of sight.
Concrete truck	81	73	66	62	56	To the extent feasible, cement trucks will be used during daylight hours only.
Crane	81	73	66	62	56	To the extent feasible, cranes will be used during daylight hours only.
Dump truck	76	68	61	57	51	Non-pure tone back up alarms will be utilized; truck tailgate banging is not allowed.
Generator	81	73	66	62	56	When possible, generators will be located in areas shielded from direct line of sight from residences or temporary noise shields will be used.
Grinder	85	77	70	66	60	When possible, contractor will locate shield between grinders and area residents with direct line of sight.
Jackhammer	89	81	74	70	64	To the extent feasible, jackhammers will be used during daylight hours only.
Mini-excavator	81	73	66	62	56	Use of mini-excavators will be minimized to the extent feasible during nighttime work.
Pickup truck	75	67	60	56	50	Contractor shall avoid parking and idling vehicles next to residences.
Vac-truck	85	77	70	66	60	To the extent feasible, vac-trucks will be used during daylight hours only.