



CITY OF

PORTLAND, OREGON

OFFICE OF NEIGHBORHOOD INVOLVEMENT

Chloe Eudaly, Commissioner
Suk Rhee, Bureau Director
Noise Control Program
1221 SW 4th Avenue, Room 110
Portland, Oregon 97204

Promoting a culture of civic engagement

Minutes Noise Review Board 9/13/17

Call to order 6:00 pm

Present: Melissa Stewart, Kerrie Standlee, Jamie Hurd, Michael Wallace, and Paul van Orden

Absent: Ryan Hyke

Minutes: Katherine Couch

Emily Short, representing Bureau of Environmental Services, is requesting a variance for the Sunnyside East Green Street and Sewer Repair Project, located at SE Cesar Chavez Blvd using the Open Trench and Horizontal Directional Drilling methods of construction, for dates between May 1, 2018 and April 23, 2019

Presenting: Debbie Caselton, Eric Durshbeck

Debbie Caselton

Open Cut and Directional Drilling are the construction methods being used.

There is one area that will take up to 10 nights using the open cut method, with equipment consisting of silent generators, back hoes, trucks, concrete saw, and bypass pumping. Up to 10 days will be needed because there many lateral pipes, which will require drilling across the right of way to place them. 3 houses (between Alder & Morrison) are situated extremely close to the upcoming work. BES is offering to pay for hotels for 3 houses during active construction.

Eric Durshbeck

SE Taylor, Yamhill, Morrison, and Washington Streets will also be using the open cut method. BES plans to use a silenced generator. They will have a phone on site with the engineer to take complaints. At that time, the engineer will use a sound level meter to gauge the dBA reading to determine if the noise being created is within the allowable threshold. They will also require the contractor submit their proposed haul route to BES, who will need to review and approve the plan.

The work will occur on non-consecutive nights. It will be phased work. The first phase will be the open cut. Next, will be pipe placement, and finally, the final phase is paving. There will be Monday through Saturday, with no Sunday work occurring.

There will be saw cutting, which BES has said they will be done by midnight. They will use Spotters instead of back- up alarms. There will be no overlap in locations.

BES hasn't received any complaints on this project.

In response to Kerrie Standlee's question about the ability to close the street, to allow all work to be done in the daytime, BES says that Cesar Chavez Blvd is open, but they will be taking one lane with flaggers. The cross streets will be hard-closed, but not Chavez.

They will not be working in Peacock lane.

Bypass pumps will be staged out of another location outside of where they're working. The night work uses a quieter pump than is typically used, it is explained to Kerrie Standlee, in response to a concern about the pump.

Since this is a dry line, the pump will be on when working, but the pumps return to gravity end of shift. This is a new sewer service line, so residents will be asked to connect to it.

Melissa Stewart indicates concern over the use of a compactor. BES explains that the compactor is used when putting materials in. They are doing all compacting work simultaneously, so it would be 3- 4 nights with high levels of vibration during most of night. At end of shift, temporary asphalt will be placed, so there will not be a large hole in the road during the day. With the need to keep a lane open during the day due to traffic impacts, they are unable to do the compacting work during the day. They are going to discuss this with the contractor to see if there is any way to perform compacting during daytime hours while meeting specifications for maintaining traffic.

Public Testimony

No public testimony

Jamie Hurd moves to approve the variance request with the set of conditions in the application Kerrie Standlee. Michael Wallace seconds the motion. The motion passes unanimously, 4 - 0. Ryan Hyke was absent

A. Noise variance shall run from May 1, 2018 through April 23, 2019.

B. Allowable night work hours are as follows:

- a. Intersection of SE Yamhill and SE Cesar Chavez Boulevard from 10:00 p.m. to 6:00 a.m., Monday through Saturday for up to 6 nights
- b. Intersection of SE Taylor and SE Cesar Chavez Boulevard from 10:00 p.m. to 6:00 a.m., Monday through Saturday for up to 8 nights
- c. SE Cesar Chavez Boulevard from SE Morrison to SE Alder from 10:00 p.m. to 6:00 a.m., Monday through Saturday for up to 10 nights
- d. Intersection of SE Washington and SE Cesar Chavez Blvd from 10:00 pm to 6:00 am, Monday through Saturday, for up to 3 nights.

C. From 10:00 pm until 6 am the following morning back up alarms will be disconnected and spotters will be used to safely back up vehicles.

D. Occupants of 3 homes involved with the work on Cesar Chaves Blvd between SE Alder St & SE Morrison St will be offered accommodations away from the work area on the nights when the work has occurred

E. Pumps shall be enclosed to reduce the sound level at the nearest residents within 25 feet to 75 dBA outside any residential structure whenever possible.

- F. The applicant shall work to utilize direct connection to power whenever possible. Use of gasoline or diesel generators or other stationary equipment will be isolated from any residential neighbors with the safe use of a ¾ inch plywood enclosure that does not impact the need of the unit to be properly ventilated.
- G. Applicant is required to use an enclosure for stationery equipment. It will be placed away from neighbors whenever possible and isolated from any residential neighbors designed to reduce sound levels outside of all residential structures to go no higher than 75 dBA
- H. Notice to be mailed and emailed two weeks prior to start of work to a two-block radius of the work site. Notice shall include the nature of the work, anticipated noise sources and a contact phone number for a person on site to explain the work and possibly mitigate the issue.
- I. Noise Office to be notified once staging areas have been chosen for the project.
- J. BES inspector to be on site during all work hours.
- K. The applicant will send complaint reports along with a complaint log and details of how the problem was resolved to the City of Portland Noise Control Officer. These logs can be emailed to noise@portlandoregon.gov.
- L. The applicant shall prepare to develop a noise mitigation plan with the Noise Control Office should complaints arise.
- M. The noise variance will be reviewed upon receipt of complaints. If complaints are filed, the Noise Control Officer may modify the variance as needed to resolve community noise disturbances.
- N. The applicant will notify the Noise Control Officer by the next morning if the variance was needed to work outside the permitted construction hours. The applicant will keep a running tally of variance days used. This log shall be made available to the Noise Control Office upon request.

Kerrie Standlee asks for the following amendments

Occupants of 3 homes involved with the work on Cesar Chaves Blvd between SE Alder St & SE Morrison St will be offered accommodations away from the work area on the nights when the work has occurred

Pumps shall be enclosed to reduce the sound level at the nearest residents within 25 feet to 75 dBA outside any residential structure whenever possible.

Applicant is required to use an enclosure for stationery equipment. It will be placed away from neighbors whenever possible and isolated from any residential neighbors designed to reduce sound levels outside of all residential structures to go no higher than 75 dBA

Michael Wallace moves to approve the amendments. Jamie Hurd seconds the motion. Motion passes, 4 – 0 (Ryan Hyke was not present)

Margaret Russell, representing Bureau of Environmental Services, is requesting a variance for the St. Johns – Cathedral Park Sewer Repair Project on several streets in St Johns, using Open Trench, Pipe Bursting, and Cured in Place Pipe methods of construction for dates between April 1, 2018 and August 15, 2019.

Presenting, Debbie Caselton, Nick Navar

15,000 feet of 80-year-old sewers are falling apart and in need of replacement and/or repair. Methods used are open trench, pipe bursting, or CIPP lining, methods dependent on location, and recommendations of contractor

The average distance from residents is 30 feet.

BES is expecting that the work will take up to 47 total nights, not including CIPP.

There was extensive public input, with information mailed to 6200 people.

Night work is required due to traffic volumes.

Public Testimony

John Smart, resident at N Ida and N Syracuse Streets

John Smart's residence is 3 blocks from one of the sites, and is concerned for the need for work to happen at night, and noise volume level, and wants to make sure the mitigation efforts happen as much as possible.

Mary Sipe, Pearl District resident

Mary Sipe has questions about the notification methodology.

BES shares their efforts, which go out by mail, email, and posted on the web

Mary Sipe also wants notices on doors close to the work sites and is told that the contractor posts notices on doors 15 days before work begins.

Mary Sipe says that not everyone has email. BES reiterates the mailing efforts are included in any notifications that precede any project.

Kerrie moves to approve variance request for night work in the St Johns area with the following conditions:

- A. Noise variance shall run from April 1, 2018 through August 15, 2019
 - a) Allowable night work hours as follows due to either cure times or traffic restrictions:
 - b) N Midway between Fessenden and Powers from 6:00 p.m. to 7:00 a.m. for up to 6 nights.
 - c) N Ida at Kellogg St from 9:00 p.m. to 6:00 a.m., Monday through Saturday for up to 6 nights.
 - d) N Ivanhoe between John and Charleston from 10:00 p.m. to 6:00 a.m. Monday through Saturday, No work on Sundays for up to 14 days.
 - e) N Lombard between John and Richmond from 10:00 p.m. to 6:00 a.m. Monday through Saturday, no work on Sundays for up to 21 days.
 - f) N Swift Way near Columbia Blvd from 6:00 p.m. to 7:00 a.m. for up to 3 nights for CIPP lining.
 - g) N Fessenden between Midway and Columbia Way from 8:00 p.m. to 6:00 a.m., Monday through Saturday, no work on Sundays for up to 5 nights for CIPP lining.
 - h) N Lombard St/US 30 Bypass between N Polk and Burr Ave from 10:00 p.m. to 6:00 a.m., Monday through Friday, 9:00 p.m. to 7 am Saturday, no work on Sundays for up to 5 nights for CIPP lining.
- B. Truck backup alarms will be turned off after 8pm.
- C. Applicant is required to use an enclosure for stationery equipment. It will be placed away from neighbors whenever possible and isolated from any residential neighbors designed to reduce sound levels outside of all residential structures to go no higher than 70 dBA
- D. All saw cutting shall be performed during daytime allowable work hours. If saw cutting is required during night work, it shall be done prior to midnight. Saw cutting taking place between 10 pm and midnight shall include portable sound barriers being utilized to decrease the noise level to a level of no more than 75 dBA at any point immediately outside a residential structure)
- E. Notice to be mailed and emailed two weeks prior to start of work to a two-block radius of the work site. Notice shall include nature of work, anticipated noise sources and a contact phone number for a person on site to explain the work and possibly mitigate the issue.
- F. Noise office to be notified once staging areas have been chosen for the project.
- G. BES inspector is to be on site during all work hours with a sound level meter to be able to confirm noise limits are met when complaints are received.

- H. The applicant will send complaint reports along with a complaint log and details of how the problem was resolved to the City of Portland Noise Control Officer. These logs can be emailed to noise@portlandoregon.gov.
- I. The applicant shall prepare to develop a noise mitigation plan with the Noise Control Office should complaints arise.
- J. The noise variance will be reviewed upon receipt of complaints. If complaints are filed, the Noise Control Officer may modify the variance as needed to resolve community noise disturbances.
- K. The applicant will notify the Noise Control Officer by the next morning if the variance was needed to work outside the permitted construction hours. The applicant will keep a running tally of variance days used. This log shall be made available to the Noise Control Office upon request.

Kerrie Standlee moves to approve the variance request with the conditions above. Jamie Hurd seconds the motion. Motion passes, 4-0 (Ryan Hyke absent)

Tammy Cleys, representing Bureau of Environmental Services, is requesting a variance for the Taggart Outfall 30 Sewer Repair Project at Grand Ave, SE 19th Ave, SE Milwaukie, and the pedestrian path east of SE Brooklyn, using the Tunnel Liner Plate construction between May through October, for the years 2018 and 2019.

Also presenting, Richard Attanasio from CH2M, Kristin Hull from CH2M

During dry weather, the pipes within Taggart Outfall are primarily dry, but during rainy weather, the outfall takes overflows from the combined sewer system to the Willamette River. For this safety issue, work is only able to occur during dry months. The Taggart Outfall is roughly one hundred years old, and potential flooding could result in millions of dollars of property damage and disruption.

The Tunnel Liner Plate method will minimize traffic impacts and noise. Crews will access the sewer through existing manholes.

There are 4 areas, all in an industrially-zoned area, in which work will be done 24/7.

Kerrie Standlee asks if they are able to run the liner plate from the back end and create a tunnel. BES says they had thought of that, but it would put Ross Island Sand & Gravel out of business, and the distance would be too far to go.

This request is for 2 years, but there are incentives for the contractor to finish the work in one year. This is dependent on dry weather, therefore, difficult to predict.

Public Testimony

There was no public testimony

Kerrie moves to approve the request to operate 24/7 on dry days between May 1, 2018 and October 31, 2018, and 2019, if necessary, with following conditions:

- A. A noise variance shall be issued for work between May 1, 2018 through October 31, 2018, and May 1, 2019 through October 31, 2019.
- B. From 6 p.m. until 10 p.m. the applicant will be required to use “smart alarm” back up beepers instead of a standard reverse alarm for all equipment activity.
- C. From 10 p.m. until 7 a.m., the applicant is required to disconnect the backup alarms and spotters will be used to safely back up vehicles.
- D. Any saw-cutting will be occurring during the day time hours.
- E. The applicant is required to use direct connection to power whenever possible. Use of gasoline or diesel generators or other stationary equipment shall be placed away from residential neighbors when possible, and at all times isolated from any residential neighbors with the safe use of an enclosure designed to reduce noise levels immediately outside all residential structures to a level no higher than 65 dBA.
- F. Notice to be mailed and emailed two weeks prior to start of work to all neighbors within 500 feet of the work site. Notice shall include the nature of work, anticipated noise sources and a contact phone number for a person on site to explain the work and possibly mitigate the issue.
- G. Noise Office must be notified of proposed staging areas related to night work and approve the location before the area can be used for night work.
- H. BES inspector shall be on site during night time work with a sound level meter to be able to confirm noise limits are met if complaints are received.
- I. Noise from all other equipment operating on the project shall be limited at all residential structures to no more than 70 dBA, including grout pump and vactor truck
- J. The applicant will send complaint reports along with a complaint log and details of how the problem was resolved to the City of Portland Noise Control Officer. These logs can be emailed to noise@portlandoregon.gov.
- K. The applicant shall prepare to develop a noise mitigation plan with the Noise Control Office should complaints arise.
- L. The noise variance will be reviewed upon receipt of complaints. If complaints are filed, the Noise Control Officer may modify the variance as needed to resolve community noise disturbances.
- M. Applicant will notify the Noise Control Officer when the project is completed.

Kerrie Standlee moves to approve the variance application with the above conditions. Michael Wallace seconds the motion. The motion passes 4-0 (Ryan Hyke absent)

Public Testimony

Sandy Miller- private individual

Sandy Miller is here to talk about variances for Zoo Concerts. Miller feels that no one is speaking for the animals and they are unable to speak for themselves. She would like to start a dialog when the next variance request comes before the board. She would like to give a different point of view. She is concerned about noise impacts to the elephants, due to the nature of the elephants ability to hear and create infrasounds. She would like the zoo to measure the dBA level of the infrasounds in the elephant yard. She distributes a document with more details regarding the elephants and possible noise impacts., which is included in these minutes.

Approval of minutes from June 14, 2017, July 12, 2017, and August 9, 2017

Kerrie Standlee moves to table the minutes. Michael Wallace seconds the motion. Motion passes, 4- 0 (Ryan Hyke was absent)

Jamie Hurd makes a request that all minutes to be approved be sent to the Noise Review Board

Jamie Hurd moves to adjourn the meeting. There was no second.

Meeting adjourned at 7:50