



Promote the common good

Chloe Eudaly, *Commissioner*
Suk Rhee, *Director*
1221 SW 4th Avenue, Room 110
Portland, OR 97204
Noise Control Program
Phone: 503-823-7350
portlandoregon.gov/civic



FINDINGS AND DECISION OF THE NOISE REVIEW BOARD-Revision

APPLICANT: HOFFMAN CONSTRUCTION *TOVA ROMERO*

VARIANCE NUMBER: 16-274745-002-00-NV

DECIDED: January 3, 2017

DECISION: APPROVED WITH CONDITIONS, DELEGATED FOR AUTHORITY BY NOISE CONTROL OFFICER, PER BOARD CHAIR, CAROL GOSSETT & CURRENT CHAIR, JAMIE HURD

BACKGROUND:

Title 18 establishes sound levels based on the zones of both the source and receivers of noise. Events that produce noise above permitted levels may be considered for variance from the code. The Noise Review Board is charged by code to review and act upon some of these applications. The review must consider the physical characteristics; times & duration of the emitted sound; the geography, zone and population density of the affected area; whether the public health, safety or welfare is impacted; whether the sound source predates the receiver(s); and whether compliance with the standard would produce hardship without equal or greater benefit to the public. The code does not preclude review of other factors, nor does it specify the weight to be given to each criterion.

REQUEST:

Updated request revision 2

Extension dates February 1, 2019 through September 30, 2019 for the following scope of work:

1. Material deliveries
 - a. 5:00 am deliveries will be scheduled due to tight site logistics and to facilitate an aggressive construction schedule. A forklift will be required for off-loading and back-up alarms will be muffled to mitigate noise impacts. The need to accommodate early deliveries will persist through June 2019.
2. Building façade
 - a. To maintain the project schedule, façade subcontractors will work an extended shift until 8:00 pm and implement a swing shift from 10:00 pm – 6:00 am Monday through Friday. Noise generating equipment will include the occasional gasoline motors of the hydromobile scaffold as it goes up and down. Noise will also be generated by the Alimack manlift providing material and crew members access to the upper floors required to support off-hour activities. Façade efforts will continue through June 2019.

3. Tower crane dismantle
 - a. Dismantling of the crane is a high- risk operation requiring the assembly/disassembly of a mobile crane. Due to the need to close or partially close the jobsite as well as perimeter roads, this effort will be completed with an early start and late finish over a weekend in February 2019.
4. Hawthorne Bridge remodel
 - a. This scope of work will require the demo of two main girders over the southbound land of Naito, one girder over the northbound lane and the removal of a large section of the “flared” sidewalk at the west end of the bridge. Lane restrictions on Naito will be required and available hours for construction have been set by PBOT to occur between 8:00 pm and 6:00 am to lessen impacts to commuters. Noise generating equipment will include a track hoe with concrete breakers to be used for demo, and the disposal of debris into dump trucks. This work has a 4- month duration and will commence in February and continue through May.
5. Underground Stormwater
 - a. The final City tie-in for the Courthouse’s storm water system will take roughly a week in the month of March or April 2019. Lane restrictions will be required and available hours for construction have been set by PBOT to occur between 8:00 pm – 6:00 am to lessen impacts to commuters. Noise generating equipment will include excavation equipment, dump trucks hauling materials, soil compaction devices, and asphalt repair equipment.
6. Frontage improvements
 - a. This scope will include a major traffic signal change at Madison and 1st Avenues, demo of existing sidewalks, install underground traffic signal raceways and loops, underground drain systems, security bollards, prepping subgrade for concrete placement, and asphalt repaving. Lane restrictions will be required and available hours for construction have been set by PBOT to occur between 8:00 pm – 6:00 am to lessen impacts to commuters. Noise generating equipment will include excavation equipment, dump trucks hauling materials, soil compaction devices, and asphalt repair equipment. This work will commence in June or July and continue through the end of September 2019.

Updated request revision 1: This has already been approved (old work)

1. Concrete pours will need to be extended through September 30, 2018, due to unforeseen conditions and schedule delays. The total number of pours is unchanged. Additionally, the rate at which they can cast concrete with their placing boom has been reduced, requiring a 2:00 am start time for pours.
2. A swing shift from 10:00 pm – 7:00 am is being utilized to maintain a 14- day interval to pour floors. The tight site constraints coupled with the time required to form/strip decks and beams warrant the additional shift to accommodate the overall project.
3. Due to the schedule delays for concrete pours the crane and manlift dismantle dates need to push back to the weekend pre or post the 2018 holiday moratorium.

Tova Romero, representing Hoffman Construction, is requesting a noise variance for construction of the Multnomah County Courthouse, located on the city block bounded by SW Madison St, SW 1st Ave., SW Jefferson St, and SW Naito Parkway. The variance request is for 2018 – 2019 one year, between the hours of 7:00 pm – 6:00 am.

The variance request is requested by 3 factors:
Hoffman Multnomah County Courthouse project