



NOISE / HOURS OF WORK VARIANCE

City of Tualatin

18880 SW Martinazzi Ave.

Tualatin, OR 97062

Phone: 503-691-3044 Fax: 503-692-0147 www.tualatinoregon.gov

SHORT TERM APPROVAL

Please print:

Today's Date: 5/27/2016

Requested By: Rick Garrison, Project Manager – ODOT

Company Name/Address: Oregon Department of Transportation
123 NW Flanders
Portland OR 97209

Contact Name & Number(s): Rick Garrison (503)731-8462
richard.f.garrison@odot.state.or.us

Job Site (job name, address/location, and permit number):
MBM (major bridge maintenance) Deck Seal Replacement Project
OR99W northbound over the Tualatin River (Bridge #01417N) – see attached map

Nature of Work to be Performed (describe in detail ~ i.e. concrete placement, etc.):

The Oregon Department of Transportation is requesting a noise variance from the City of Tualatin noise ordinance provisions 6-14-040 and 6-14-050. ODOT will be installing a bridge deck overlay on one structure, bridge No. 01417N, which carries OR99W northbound over the Tualatin River (See attached map). Project elements include installing an overlay and restriping. This bridge structure falls partially within the jurisdiction of Washington County, and ODOT is seeking a noise variance from the County as well. This is part of a larger maintenance project, replacing deck seals on 11 ODOT bridge structures.

Date(s) and Time(s) Requested to Perform Said Work (not to exceed 5 days):

The entire project is expected to begin construction at the end of June 2016 and finish on or before September 15th 2016. The noise variance is requested for the duration of the project. The high volume of traffic on this structure requires that all lanes be open during the morning and afternoon commute times, leaving only a few hours for weekday daytime work that requires lane closures. Therefore, most of the work requiring lane closures will occur at night. ODOT is requesting a noise variance for 24 hours/day, 7 days a week. **Work will not be done continuously during that period, rather it will occur over one consecutive 2 night period.** The range of possible work dates is due to the requirement for several days of dry weather to precede and follow the deck seal application.

The following equipment is anticipated to be used:

Equipment	Average noise level at a distance of 100 ft (dBA)	Average noise level at a distance of 400 ft (dBA)	Average noise level at a distance of 500 ft (dBA)
Compressor	67.7	55.6	53.7
Sweeper	65.6	53.5	51.6
Shot Blaster	76.5	64.4	62.5

The surrounding land use within the project area is primarily multi-family residential (within 400' of the project location. ODOT will contact the City prior to beginning construction with the exact dates of work. Portable changeable message signs will be in place five days prior to lane closures to inform the traveling public of the upcoming work.

Mitigation Measures:

The measures that will be used by ODOT and/or the contractor to mitigate noise during the proposed nighttime construction activities are anticipated to be, but are not limited to the following:

- ODOT and the contractor are required to give notification to the local jurisdiction of any anticipated night work that will be noise intensive. The notice will also include a phone number that will reach an on-site representative, 24 hours a day for questions and complaints. Complaints will be investigated and addressed within 24 hours or before the next scheduled night work. Complaints and the corresponding responses will be documented, including supporting data such as noise levels taken before and after mitigation measures. ODOT will report complaints and responses to the City via email.
- Complaints will be investigated to determine if there is a violation, and if so determined, the contractor will commence mitigation. The following mitigation measures may be required:
 - Locate stationary construction equipment as far from nearby noise sensitive properties as feasible.
 - Shut off idling equipment.
 - Reschedule construction operations to avoid periods of noise annoyance identified in the complaint.
 - Notify nearby residents whenever extremely noisy work will be occurring.
 - Install temporary or portable acoustic barriers around stationary construction noise sources.
 - Operate electric-powered equipment using line voltage power or solar power.
- The ODOT project Manager will ensure compliance with the noise abatement requirements and mediate any infractions of those requirements should they occur.
- If such sound levels cannot be mitigated, the local jurisdiction will be contacted and a plan of action outlined. It is understood that if the jurisdiction deems the plan to be inadequate, the variance may be revoked.

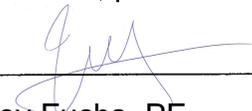
Your consideration of this variance request is greatly appreciated. Please don't hesitate to call or email if you have any additional questions regarding this application.

This authorizes the company listed to do the work noted above on the date(s) and at the time(s) requested, weather permitting.

This approval is subject to the following conditions:

1. All vehicle traffic is arranged to minimize backing motions involving backup beepers.
2. No outdoor speakers, radios, or other noise generators are used.
3. Any lights used are directed away from any residential property as much as possible.
4. If any complaints are received by the City, your operations may need to be modified to respond to said complaints.

If you have any questions, please contact the City Engineer, at 503.691.3034.

Issued By: 
Jeffrey Fuchs, PE

Date: 06/14/2016

MBM Deck Seal Replacement Project
Bridge #01417N

