



King County



South Park Bridge  
8442 Dallas Avenue South  
Seattle, WA 98108  
206-763-1355

September 1, 2011

Charles Wu  
Health & Environmental Investigator IV,  
King County Department of Public Health  
401 5<sup>th</sup> Ave Ste 1100  
Seattle, WA 98104

**Serial Letter 0004**

RE: South Park Bridge Replacement – Contract C00606C11; Project 300197  
Noise Variance: Intention to Work Beyond of Normal Hours of Operation

Dear Mr. Wu:

This letter serves as notification for noise variance for the above-referenced project, which is located at the South Park Bridge. This project location crosses the Duwamish River at 14<sup>th</sup> and 16<sup>th</sup> Avenues South, Seattle, WA 98108.

The South Park Bridge project provides for the replacement of South Park Bridge over the Duwamish Waterway in King County by constructing a new bascule bridge immediately downriver and approximately parallel to the existing South Park Bridge, intersection improvements, roadway, drainage, and utility construction, approach spans and retaining wall construction, riverbank mitigation, incorporation of historic and art elements, illumination with decorative luminaries, demolition of the remaining portion of the existing bridge, and other work. The existing bridge has been removed from service and the forward portion of the bascule leaves have been removed. The project construction schedule is from approximately May 2011 – February 2013.

This noise variance notification for the project's work is expected at the following times and primarily during the in-water/fish window time periods of August – May each year.

**Caisson Dredging**

Day Shift 6:00 AM to 6:00 PM – Monday – Saturday  
Night Shift 6:00 PM to 6:00 AM – Monday – Saturday (if necessary)

**Caisson Form Erection and Stripping**

Day Shift 7:00 AM to 5:30 PM – Monday – Saturday  
Night Shift 5:00 PM to 3:30 AM – Monday – Saturday

**Caisson Rebar Erection**

Day Shift 7:00 AM to 5:30 PM – Monday – Saturday  
Night Shift 5:00 PM to 3:30 AM – Monday – Saturday

Caisson Concrete Placement

Day Shift 7:00 AM to 5:30 PM – Monday – Saturday

Night Shift 5:00 PM to 3:30 AM – Monday – Saturday

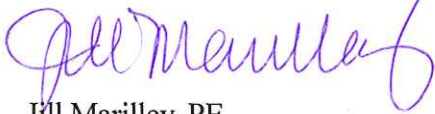
It is not expected that all of these times will be utilized all weeks or all days but notification is being provided in case of scheduling changes.

The noise that we anticipate will be from large crane operations, concrete pumping truck and concrete vibrators. This noise is not expected to be more than normal construction noise. To minimize noise impacts to the community, when possible, engines will be turned off, noise blankets will be used and back up alarms will be turned off, or muffled.

The number of staff will vary from 6 to 20 individuals and artificial light sources will provide illumination only to the area being worked in the water. All light will be directed away from surrounding areas with shields or strategic placement.

If you have any questions, or if you need further clarification, please call me at 206-763-1355 (office) or 206-391-6931 (cell). The site supervisor for the contractor for this work has not been identified at this time.

Regards,



Jill Marilley, PE  
Senior Construction Manager

Attachment: Kiewit-Massman Serial Letter #007

cc: John Urquhart, Media Relations Officer, King County Sheriff's Office  
Ron Ainslie, Site Development Specialist II, King County Department of Development and Environmental Services