SR 520 Montlake Project
Noise Monitoring Weekly Report Summary for Monday, December 2, 2019 to Sunday, December 8, 2019
PUBLISHED DECEMBER 11, 2019
Monitoring times: Weekdays, 10 p.m. to 7 a.m.; weekends, 10 p.m. to 9 a.m.

How to use this report: This document summarizes the weekly nighttime noise data for the SR 520 Montlake Project. In it, you’ll find:

- Page 1 - Summary of noise levels recorded above the limits allowed under the Major Public Project Construction Noise Variance, for this week and throughout the project. This includes non-project-related noise exceedances
- Page 2 - Map of the project limits and locations of the seven stationary monitor locations
- Pages 3 – 9 - Night-by-night noise recordings for each of the project noise monitors, along with a description of the work that night, comments received from the public regarding Project noise, and explanations for any noise limit exceedances and actions taken in response
- Page 10 - Log of public comments regarding nighttime noise issues and resolutions for the week

WSDOT is sharing this information as per the terms of the Major Public Project Construction Noise Variance (Permit #3030792).

MPPCNV start date: Friday, August 16, 2019
MPPCNV days to date: 115

### WEEKLY TOTALS

<table>
<thead>
<tr>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nights worked this week (under the MPPCNV)</td>
<td>5</td>
</tr>
<tr>
<td>Project related non-compliance this week</td>
<td>0</td>
</tr>
<tr>
<td>Nighttime noise issue comments to the project</td>
<td>0</td>
</tr>
<tr>
<td>Non-project-related noise exceedances this week</td>
<td>48</td>
</tr>
</tbody>
</table>

### PROJECT TOTALS TO DATE

<table>
<thead>
<tr>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Nights Worked (under the MPPCNV)</td>
<td>40</td>
</tr>
<tr>
<td>Total Project related non-compliance</td>
<td>8</td>
</tr>
<tr>
<td>Total noise issue comments to the project</td>
<td>19</td>
</tr>
<tr>
<td>Total non-project related exceedances</td>
<td>641</td>
</tr>
</tbody>
</table>
EXHIBIT 5. CONSTRUCTION AREA AND NOISE MEASUREMENT LOCATIONS

Noise Monitoring Locations: the map below shows the work limits of the SR 520 Montlake Project and the locations of the seven stationary noise monitoring sites.

Legend
- Monitoring Locations
- Limits of Nighttime Construction and Staging Activity

Note: Portable Monitoring Site 8 is located between Sites 4 and 6, Portable Monitoring Sites 9 and 10 are located between Sites 7 and 1.
### NOISE MONITORING - WEEKLY REPORT

**Montlake Project MPPCNV Weekly Report**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area:

<table>
<thead>
<tr>
<th>Site</th>
<th>Site limit*</th>
<th>10pm - 11pm</th>
<th>11pm - 12am</th>
<th>12am - 1am</th>
<th>1am - 2am</th>
<th>2am - 3am</th>
<th>3am - 4am</th>
<th>4am - 5am</th>
<th>5am - 6am</th>
<th>6am - 7am</th>
<th>7am - 8am</th>
<th>8am - 9am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1 - 2449 E. Lk WA Blvd</td>
<td>57</td>
<td>58.0</td>
<td>54.2</td>
<td>53.3</td>
<td>50.6</td>
<td>51.2</td>
<td>49.0</td>
<td>53.4</td>
<td>56.1</td>
<td>60.1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 2 - 2015 E. Roanoke St</td>
<td>78</td>
<td>62.5</td>
<td>58.7</td>
<td>58.3</td>
<td>55.0</td>
<td>54.3</td>
<td>53.8</td>
<td>60.0</td>
<td>60.5</td>
<td>64.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 3 - 3810 E. Mcgilvra St</td>
<td>62</td>
<td>54.5</td>
<td>47.5</td>
<td>48.1</td>
<td>46.3</td>
<td>47.1</td>
<td>45.6</td>
<td>46.9</td>
<td>48.0</td>
<td>50.5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 4 - 2800 Montlake Blvd E</td>
<td>66</td>
<td>68.2</td>
<td>64.2</td>
<td>69.7</td>
<td>60.3</td>
<td>59.2</td>
<td>59.8</td>
<td>63.5</td>
<td>67.2</td>
<td>69.2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 5 - 2565 22nd Av E.</td>
<td>65</td>
<td>60.9</td>
<td>56.4</td>
<td>55.6</td>
<td>52.9</td>
<td>52.7</td>
<td>51.3</td>
<td>57.3</td>
<td>57.6</td>
<td>61.9</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 6 - 2160 E. Hamlin St</td>
<td>63</td>
<td>58.7</td>
<td>54.5</td>
<td>55.0</td>
<td>52.1</td>
<td>51.7</td>
<td>48.0</td>
<td>52.3</td>
<td>55.9</td>
<td>56.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 7 - 2209 E. Lake Wa Blvd</td>
<td>66</td>
<td>57.4</td>
<td>53.3</td>
<td>53.9</td>
<td>49.6</td>
<td>50.2</td>
<td>47.9</td>
<td>52.3</td>
<td>56.4</td>
<td>59.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 8 - Portable Between Sites 4 and 6</td>
<td>63</td>
<td>58.7</td>
<td>53.7</td>
<td>56.1</td>
<td>50.7</td>
<td>51.4</td>
<td>46.8</td>
<td>51.9</td>
<td>55.4</td>
<td>57.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 9 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>77.5</td>
<td>69.8</td>
<td>59.6</td>
<td>54.6</td>
<td>56.2</td>
<td>55.3</td>
<td>60.7</td>
<td>62.8</td>
<td>67.6</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 10 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>61.5</td>
<td>57.3</td>
<td>59.3</td>
<td>53.7</td>
<td>54.1</td>
<td>51.4</td>
<td>56.9</td>
<td>60.4</td>
<td>64.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**
- Traffic signal at the intersection of Lake Washington Blvd E and 24th Ave E.
- Contractor worked between 10 p.m. and 4:10 a.m.
- Gary Stensland with Graham ECM and the WSDOT INM noticed that Site #9 and Site #10 swapped locations from the previous weeks.

**Public Comments:**
No public comments received related to nighttime noise.

**Exceedances:**
Site #4 & #9 exceedances are not project-related. Exceedances are caused by public traffic driving by the noise monitors.

**Non-Compliance:**
None.

**Legend**
Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.
N/A = Time Period not applicable to MPPCNV
Red = Noise Level Exceedance, project related
Blue = Noise level exceedance, not project related
~ = No Data Available
# = No contract work. Portable monitors are not being used (not needed).

---

**Monday, December 2, 2019**

SR 520 Montlake Project
Major Public Project Construction Noise Variance

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area:...
The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area:

<table>
<thead>
<tr>
<th>Site</th>
<th>Site limit*</th>
<th>10pm - 11pm</th>
<th>11pm - 12am</th>
<th>12am - 1am</th>
<th>1am - 2am</th>
<th>2am - 3am</th>
<th>3am - 4am</th>
<th>4am - 5am</th>
<th>5am - 6am</th>
<th>6am - 7am</th>
<th>7am - 8am</th>
<th>8am - 9am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1 - 2449 E. Lk WA Blvd</td>
<td>67</td>
<td>54.4</td>
<td>51.6</td>
<td>50.4</td>
<td>47.1</td>
<td>47.8</td>
<td>46.2</td>
<td>50.7</td>
<td>56.5</td>
<td>59.4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 2 - 2015 E. Roanoke St</td>
<td>78</td>
<td>60.8</td>
<td>58.5</td>
<td>55.8</td>
<td>53.7</td>
<td>52.3</td>
<td>53.4</td>
<td>61.1</td>
<td>61.0</td>
<td>63.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 3 - 3810 E. McGilvra St</td>
<td>62</td>
<td>48.1</td>
<td>46.8</td>
<td>47.0</td>
<td>45.7</td>
<td>46.1</td>
<td>45.2</td>
<td>46.2</td>
<td>49.3</td>
<td>49.8</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 4 - 2800 Montlake Blvd E</td>
<td>66</td>
<td>66.1</td>
<td>63.6</td>
<td>61.2</td>
<td>59.4</td>
<td>58.2</td>
<td>59.4</td>
<td>69.2</td>
<td>67.3</td>
<td>68.4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 5 - 2565 22nd Av E.</td>
<td>65</td>
<td>59.1</td>
<td>57.0</td>
<td>53.9</td>
<td>51.5</td>
<td>50.2</td>
<td>51.0</td>
<td>56.7</td>
<td>58.2</td>
<td>60.9</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 6 - 2160 E. Hamlin St</td>
<td>63</td>
<td>55.5</td>
<td>53.5</td>
<td>52.6</td>
<td>49.4</td>
<td>49.5</td>
<td>48.0</td>
<td>51.5</td>
<td>55.3</td>
<td>55.8</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 7 - 2209 E. Lake Wa Blvd</td>
<td>66</td>
<td>53.7</td>
<td>51.8</td>
<td>50.8</td>
<td>48.1</td>
<td>47.9</td>
<td>47.8</td>
<td>53.1</td>
<td>55.8</td>
<td>58.6</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 8 - Portable Between Sites 4 and 6</td>
<td>63</td>
<td>56.1</td>
<td>53.3</td>
<td>51.3</td>
<td>47.8</td>
<td>48.3</td>
<td>46.5</td>
<td>54.4</td>
<td>55.2</td>
<td>56.7</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 9 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>59.1</td>
<td>57.2</td>
<td>56.3</td>
<td>49.2</td>
<td>50.6</td>
<td>48.8</td>
<td>53.9</td>
<td>63.3</td>
<td>67.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 10 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>58.9</td>
<td>56.5</td>
<td>54.7</td>
<td>52.6</td>
<td>52.1</td>
<td>53.0</td>
<td>59.7</td>
<td>60.3</td>
<td>63.6</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**
- Traffic signal at the intersection of Lake Washington Blvd E and 24th Ave E.
- Contractor worked between 10 p.m. and 5:10 a.m.

**Public Comments:**
No public comments received related to nighttime noise.

**Exceedances:**
Site #4 & #9 exceedances are not project-related. Exceedances are caused by public traffic driving by the noise monitors.

**Non-Compliance:**
None.

**Legend**
Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.
N/A = Time Period not applicable to MPPCNV
Red = Noise Level Exceedance, project related
Blue = Noise level exceedance, not project related
~ = No Data Available

Montlake Project MPPCNV Weekly Report
### SR 520 Montlake Project
#### Major Public Project Construction Noise Variance

**NOISE MONITORING - WEEKLY REPORT**

Monday, December 2, 2019 to Sunday, December 8, 2019

10 pm to 7 am (weekdays) / 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area:

<table>
<thead>
<tr>
<th>Site</th>
<th>Site limit*</th>
<th>10pm - 11pm</th>
<th>11pm - 12am</th>
<th>12am - 1am</th>
<th>1am - 2am</th>
<th>2am - 3am</th>
<th>3am - 4am</th>
<th>4am - 5am</th>
<th>5am - 6am</th>
<th>6am - 7am</th>
<th>7am - 8am</th>
<th>8am - 9am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1 - 2449 E. Lk WA Blvd</td>
<td>67</td>
<td>55.6</td>
<td>53.2</td>
<td>51.0</td>
<td>49.4</td>
<td>48.8</td>
<td>50.4</td>
<td>51.8</td>
<td>57.0</td>
<td>61.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 2 - 2015 E. Roanoke St</td>
<td>78</td>
<td>61.9</td>
<td>63.3</td>
<td>57.9</td>
<td>55.7</td>
<td>53.9</td>
<td>56.6</td>
<td>59.2</td>
<td>62.4</td>
<td>66.5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 3 - 3810 E. McGilvra St</td>
<td>62</td>
<td>48.3</td>
<td>47.5</td>
<td>46.5</td>
<td>45.9</td>
<td>45.8</td>
<td>45.3</td>
<td>46.1</td>
<td>48.8</td>
<td>51.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 4 - 2800 Montlake Blvd E</td>
<td>66</td>
<td>66.3</td>
<td>70.1</td>
<td>61.4</td>
<td>60.2</td>
<td>57.9</td>
<td>60.0</td>
<td>63.8</td>
<td>67.1</td>
<td>69.6</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 5 - 2565 22nd Av E.</td>
<td>65</td>
<td>59.6</td>
<td>59.7</td>
<td>55.3</td>
<td>53.2</td>
<td>51.6</td>
<td>53.0</td>
<td>56.2</td>
<td>59.3</td>
<td>63.5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 6 - 2160 E. Hamlin St</td>
<td>63</td>
<td>51.5</td>
<td>49.5</td>
<td>48.3</td>
<td>47.9</td>
<td>47.9</td>
<td>44.4</td>
<td>47.1</td>
<td>51.4</td>
<td>53.4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 7 - 2209 E. Lake Wa Blvd</td>
<td>66</td>
<td>54.7</td>
<td>53.8</td>
<td>50.2</td>
<td>50.1</td>
<td>49.7</td>
<td>49.1</td>
<td>50.6</td>
<td>56.2</td>
<td>59.5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 8 - Portable Between Sites 4 and 6</td>
<td>63</td>
<td>53.3</td>
<td>53.4</td>
<td>49.7</td>
<td>48.5</td>
<td>47.7</td>
<td>44.9</td>
<td>48.9</td>
<td>53.8</td>
<td>55.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 9 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>60.7</td>
<td>56.8</td>
<td>57.4</td>
<td>51.9</td>
<td>56.8</td>
<td>58.8</td>
<td>58.7</td>
<td>63.8</td>
<td>68.3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 10 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>59.3</td>
<td>60.6</td>
<td>54.5</td>
<td>53.6</td>
<td>52.7</td>
<td>54.3</td>
<td>55.4</td>
<td>61.1</td>
<td>64.1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

**Work:**
- Traffic signal at the intersection of Lake Washington Blvd E and 24th Ave E.
- Contractor worked between 10 p.m. and 3:10 a.m.

**Public Comments:**
No public comments received related to nighttime noise.

**Exceedances:**
Site #4 & #9 exceedances are not project-related. Exceedances are caused by public traffic driving by the noise monitors.

**Non-Compliance:**
None.

**Legend**
- Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.
- N/A = Time Period not applicable to MPPCNV
- Red = Noise Level Exceedance, project related
- Blue = Noise level exceedance, not project related
- ~ = No Data Available
### SR 520 Montlake Project

**Major Public Project Construction Noise Variance**

**NOISE MONITORING - WEEKLY REPORT**

**Monday, December 2, 2019** to **Sunday, December 8, 2019**  
**10 pm to 7 am (weekdays) / 9 am (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area.

#### Thursday, December 5, 2019

<table>
<thead>
<tr>
<th>Site</th>
<th>Site limit*</th>
<th>10pm - 11pm</th>
<th>11pm - 12am</th>
<th>12am - 1am</th>
<th>1am - 2am</th>
<th>2am - 3am</th>
<th>3am - 4am</th>
<th>4am - 5am</th>
<th>5am - 6am</th>
<th>6am - 7am</th>
<th>7am - 8am</th>
<th>8am - 9am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1 - 2449 E. Lk WA Blvd</td>
<td>67</td>
<td>57.9</td>
<td>54.5</td>
<td>51.3</td>
<td>48.9</td>
<td>48.6</td>
<td>49.1</td>
<td>50.3</td>
<td>56.9</td>
<td>61.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 2 - 2015 E. Roanoke St</td>
<td>78</td>
<td>62.9</td>
<td>60.5</td>
<td>58.2</td>
<td>57.1</td>
<td>71.3</td>
<td>56.2</td>
<td>58.2</td>
<td>62.1</td>
<td>65.2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 3 - 3810 E. McGilvra St</td>
<td>62</td>
<td>48.7</td>
<td>47.6</td>
<td>48.4</td>
<td>46.0</td>
<td>45.5</td>
<td>45.3</td>
<td>46.1</td>
<td>49.1</td>
<td>51.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 4 - 2800 Montlake Blvd E</td>
<td>66</td>
<td>58.0</td>
<td>65.3</td>
<td>61.5</td>
<td>59.8</td>
<td>67.2</td>
<td>59.7</td>
<td>63.9</td>
<td>67.6</td>
<td>69.5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 5 - 2565 22nd Ave E</td>
<td>65</td>
<td>60.6</td>
<td>58.1</td>
<td>56.0</td>
<td>54.7</td>
<td>68.0</td>
<td>53.5</td>
<td>55.6</td>
<td>59.6</td>
<td>63.2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 6 - 2160 E. Hamlin St</td>
<td>63</td>
<td>54.4</td>
<td>53.0</td>
<td>52.8</td>
<td>48.1</td>
<td>47.9</td>
<td>45.8</td>
<td>47.6</td>
<td>54.6</td>
<td>56.8</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 7 - 2209 E. Lake Wa Blvd</td>
<td>66</td>
<td>57.0</td>
<td>53.7</td>
<td>52.1</td>
<td>51.0</td>
<td>53.1</td>
<td>49.3</td>
<td>50.4</td>
<td>55.9</td>
<td>59.1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 8 - Portable Between Sites 4 and 6</td>
<td>63</td>
<td>56.0</td>
<td>53.5</td>
<td>51.6</td>
<td>47.7</td>
<td>52.0</td>
<td>46.3</td>
<td>49.6</td>
<td>55.6</td>
<td>57.9</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 9 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>65.0</td>
<td>61.8</td>
<td>54.5</td>
<td>52.0</td>
<td>53.8</td>
<td>57.5</td>
<td>56.9</td>
<td>63.8</td>
<td>67.8</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Site 10 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>61.9</td>
<td>58.4</td>
<td>55.7</td>
<td>56.0</td>
<td>56.3</td>
<td>54.9</td>
<td>55.5</td>
<td>61.3</td>
<td>64.2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**
- Arboretum on-ramp signal removal.
- Traffic signal at the intersection of Lake Washington Blvd E and 24th Ave E.
- Contractor worked between 10pm and 2:40 a.m.

**Public Comments:**
No public comments received related to nighttime noise.

**Exceedances:**
Sites #4, #5, & #9 exceedances are not project-related. Exceedances are caused by public traffic driving by the noise monitors.

**Non-Compliance:**
None.

**Legend**
- Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.
- N/A = Time Period not applicable to MPPCNV
- Red = Noise Level Exceedance, project related
- Blue = Noise level exceedance, not project related
- ~ = No Data Available

---

Montlake Project MPPCNV Weekly Report
### SR 520 Montlake Project
#### Major Public Project Construction Noise Variance

**NOISE MONITORING - WEEKLY REPORT**

**Monday, December 2, 2019** to **Sunday, December 8, 2019**

**10 pm to 7 am (weekdays) / 9 am (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area.

<table>
<thead>
<tr>
<th>Site</th>
<th>Site Limit*</th>
<th>10pm - 11pm</th>
<th>11pm - 12am</th>
<th>12am - 1am</th>
<th>1am - 2am</th>
<th>2am - 3am</th>
<th>3am - 4am</th>
<th>4am - 5am</th>
<th>5am - 6am</th>
<th>6am - 7am</th>
<th>7am - 8am</th>
<th>8am - 9am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1 - 2449 E. Lk WA Blvd</td>
<td>67</td>
<td>58.6</td>
<td>56.6</td>
<td>56.3</td>
<td>53.8</td>
<td>53.2</td>
<td>52.4</td>
<td>51.8</td>
<td>53.4</td>
<td>55.7</td>
<td>59.4</td>
<td>60.8</td>
</tr>
<tr>
<td>Site 2 - 2015 E. Roanoke St</td>
<td>78</td>
<td>62.4</td>
<td>62.4</td>
<td>60.1</td>
<td>58.5</td>
<td>57.2</td>
<td>58.1</td>
<td>58.0</td>
<td>58.5</td>
<td>61.3</td>
<td>62.2</td>
<td>64.0</td>
</tr>
<tr>
<td>Site 3 - 3810 E. McGilvra St</td>
<td>62</td>
<td>49.5</td>
<td>49.0</td>
<td>48.9</td>
<td>46.9</td>
<td>49.7</td>
<td>52.1</td>
<td>51.2</td>
<td>51.2</td>
<td>52.2</td>
<td>50.5</td>
<td>51.8</td>
</tr>
<tr>
<td>Site 4 - 2800 Montlake Blvd E</td>
<td>66</td>
<td>67.1</td>
<td>66.1</td>
<td>65.0</td>
<td>65.1</td>
<td>63.1</td>
<td>62.0</td>
<td>63.1</td>
<td>66.0</td>
<td>69.5</td>
<td>66.6</td>
<td>69.6</td>
</tr>
<tr>
<td>Site 5 - 2565 22nd Av E.</td>
<td>65</td>
<td>60.1</td>
<td>59.9</td>
<td>57.7</td>
<td>56.3</td>
<td>56.3</td>
<td>57.1</td>
<td>56.5</td>
<td>56.5</td>
<td>59.0</td>
<td>59.5</td>
<td>61.6</td>
</tr>
<tr>
<td>Site 6 - 2160 E. Hamlin St</td>
<td>63</td>
<td>57.4</td>
<td>53.2</td>
<td>55.7</td>
<td>51.8</td>
<td>53.0</td>
<td>51.5</td>
<td>50.1</td>
<td>52.4</td>
<td>54.8</td>
<td>55.4</td>
<td>57.9</td>
</tr>
<tr>
<td>Site 7 - 2209 E. Lake Wa Blvd</td>
<td>66</td>
<td>57.3</td>
<td>55.2</td>
<td>55.7</td>
<td>53.9</td>
<td>52.3</td>
<td>51.5</td>
<td>50.1</td>
<td>52.5</td>
<td>55.4</td>
<td>58.1</td>
<td>59.9</td>
</tr>
<tr>
<td>Site 8 - Portable Between Sites 4 and 6</td>
<td>63</td>
<td>57.1</td>
<td>54.7</td>
<td>54.0</td>
<td>51.8</td>
<td>52.8</td>
<td>51.1</td>
<td>50.9</td>
<td>53.3</td>
<td>55.9</td>
<td>56.1</td>
<td>59.0</td>
</tr>
<tr>
<td>Site 9 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>66.2</td>
<td>64.2</td>
<td>62.6</td>
<td>61.4</td>
<td>59.0</td>
<td>57.1</td>
<td>56.8</td>
<td>61.1</td>
<td>63.5</td>
<td>66.6</td>
<td>68.6</td>
</tr>
<tr>
<td>Site 10 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>62.4</td>
<td>60.7</td>
<td>60.8</td>
<td>59.3</td>
<td>57.1</td>
<td>55.4</td>
<td>55.0</td>
<td>58.1</td>
<td>61.0</td>
<td>63.6</td>
<td>65.6</td>
</tr>
</tbody>
</table>

*Hourly-Average Leq (dBA)*

**Legend**
- Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.
- N/A = Time Period not applicable to MPPCNV
- Red = Noise Level Exceedance, project related
- Blue = Noise level exceedance, not project related
- ~ = No Data Available

---

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**
- American Bridge worked on BMP/Containment maintenance underneath span 2 of the old eastbound bridge.
- Crews started work at 7:15 a.m.

**Public Comments:**
No public comments received related to nighttime noise.

**Exceedances:**
Sites #4 & #9 exceedences are not project related.
No work happened before 7:15 a.m. Exceedences are caused by public traffic driving by the noise monitors.

**Non-Compliance:**
None.
# SR 520 Montlake Project

## Major Public Project Construction Noise Variance

### NOISE MONITORING - WEEKLY REPORT

**Monday, December 2, 2019** to **Sunday, December 8, 2019**

**10 pm to 7 am (weekdays) / 9am (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area:

<table>
<thead>
<tr>
<th>Site</th>
<th>Site limit*</th>
<th>10pm - 11pm</th>
<th>11pm - 12am</th>
<th>12am - 1am</th>
<th>1am - 2am</th>
<th>2am - 3am</th>
<th>3am - 4am</th>
<th>4am - 5am</th>
<th>5am - 6am</th>
<th>6am - 7am</th>
<th>7am - 8am</th>
<th>8am - 9am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1 - 2449 E. Lk WA Blvd</td>
<td>67</td>
<td>60.2</td>
<td>58.5</td>
<td>55.9</td>
<td>53.8</td>
<td>52.8</td>
<td>50.1</td>
<td>50.0</td>
<td>50.3</td>
<td>54.3</td>
<td>55.8</td>
<td>58.7</td>
</tr>
<tr>
<td>Site 2 - 2015 E. Roanoke St</td>
<td>78</td>
<td>64.1</td>
<td>62.7</td>
<td>64.0</td>
<td>60.5</td>
<td>58.5</td>
<td>55.8</td>
<td>67.2</td>
<td>56.5</td>
<td>61.0</td>
<td>61.5</td>
<td>63.0</td>
</tr>
<tr>
<td>Site 3 - 3810 E. McGilvra St</td>
<td>62</td>
<td>50.4</td>
<td>49.5</td>
<td>47.9</td>
<td>47.0</td>
<td>46.7</td>
<td>45.6</td>
<td>45.7</td>
<td>46.1</td>
<td>48.8</td>
<td>47.9</td>
<td>51.4</td>
</tr>
<tr>
<td>Site 4 - 2800 Montlake Blvd E</td>
<td>66</td>
<td>67.5</td>
<td>68.2</td>
<td>67.1</td>
<td>62.6</td>
<td>61.8</td>
<td>59.8</td>
<td>67.7</td>
<td>62.8</td>
<td>67.3</td>
<td>67.0</td>
<td>68.2</td>
</tr>
<tr>
<td>Site 5 - 2565 22nd Av E.</td>
<td>65</td>
<td>61.4</td>
<td>60.0</td>
<td>61.6</td>
<td>57.6</td>
<td>55.6</td>
<td>53.3</td>
<td>57.1</td>
<td>54.0</td>
<td>60.0</td>
<td>58.9</td>
<td>61.2</td>
</tr>
<tr>
<td>Site 6 - 2160 E. Hamlin St</td>
<td>63</td>
<td>54.1</td>
<td>53.9</td>
<td>51.8</td>
<td>47.3</td>
<td>47.5</td>
<td>46.5</td>
<td>47.9</td>
<td>47.4</td>
<td>52.2</td>
<td>52.6</td>
<td>57.2</td>
</tr>
<tr>
<td>Site 7 - 2209 E. Lake Wa Blvd</td>
<td>66</td>
<td>58.8</td>
<td>57.8</td>
<td>57.5</td>
<td>52.5</td>
<td>51.2</td>
<td>48.2</td>
<td>49.9</td>
<td>48.9</td>
<td>54.8</td>
<td>55.5</td>
<td>58.2</td>
</tr>
<tr>
<td>Site 8 - Portable Between Sites 4 and 6</td>
<td>63</td>
<td>55.9</td>
<td>56.3</td>
<td>54.3</td>
<td>49.3</td>
<td>49.3</td>
<td>47.5</td>
<td>50.8</td>
<td>49.0</td>
<td>53.8</td>
<td>53.9</td>
<td>57.7</td>
</tr>
<tr>
<td>Site 9 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>67.7</td>
<td>65.7</td>
<td>62.8</td>
<td>60.3</td>
<td>57.5</td>
<td>53.7</td>
<td>53.6</td>
<td>54.3</td>
<td>60.9</td>
<td>63.8</td>
<td>66.7</td>
</tr>
<tr>
<td>Site 10 - Portable Between Sites 1 and 7</td>
<td>66</td>
<td>63.7</td>
<td>62.8</td>
<td>62.9</td>
<td>57.6</td>
<td>55.9</td>
<td>52.9</td>
<td>55.0</td>
<td>54.0</td>
<td>59.0</td>
<td>61.0</td>
<td>63.5</td>
</tr>
</tbody>
</table>

*Hourly-Average Leq (dBA)*

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

No nighttime construction work performed.

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Not project-related. Exceedances are caused by public traffic driving by the noise monitors.

**Non-Compliance:**

None.

**Legend**

Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.

N/A = Time Period not applicable to MPPCNV

Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

~ = No Data Available
### SR 520 Montlake Project

**Major Public Project Construction Noise Variance**

**NOISE MONITORING - WEEKLY REPORT**

**Monday, December 2, 2019** to **Sunday, December 8, 2019**

10 pm to 7 am (weekdays) / 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area.

#### Site Limit

- **Site 1 - 2449 E. Lk WA Blvd**
  - 10pm - 11pm: 67
  - 11pm - 12am: 56.5
  - 12am - 1am: 53.2
  - 1am - 2am: 52.1
  - 2am - 3am: 49.1
  - 3am - 4am: 49.6
  - 4am - 5am: 52.0
  - 5am - 6am: 57.7
  - 6am - 7am: 61.1
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 2 - 2015 E. Roanoke St**
  - 10pm - 11pm: 78
  - 11pm - 12am: 60.8
  - 12am - 1am: 58.4
  - 1am - 2am: 56.2
  - 2am - 3am: 55.0
  - 3am - 4am: 52.9
  - 4am - 5am: 56.0
  - 5am - 6am: 63.5
  - 6am - 7am: 62.7
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 3 - 3810 E. McIlwra St**
  - 10pm - 11pm: 62
  - 11pm - 12am: 48.5
  - 12am - 1am: 46.9
  - 1am - 2am: 46.0
  - 2am - 3am: 45.9
  - 3am - 4am: 45.3
  - 4am - 5am: 45.5
  - 5am - 6am: 46.2
  - 6am - 7am: 48.6
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 4 - 2800 Montlake Blvd E**
  - 10pm - 11pm: 66
  - 11pm - 12am: 65.3
  - 12am - 1am: 63.8
  - 1am - 2am: 61.8
  - 2am - 3am: 62.0
  - 3am - 4am: 58.1
  - 4am - 5am: 58.8
  - 5am - 6am: 72.7
  - 6am - 7am: 67.9
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 5 - 2565 22nd Av E.**
  - 10pm - 11pm: 65
  - 11pm - 12am: 58.4
  - 12am - 1am: 55.7
  - 1am - 2am: 53.6
  - 2am - 3am: 52.6
  - 3am - 4am: 50.1
  - 4am - 5am: 52.9
  - 5am - 6am: 59.6
  - 6am - 7am: 59.9
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 6 - 2160 E. Hamlin St**
  - 10pm - 11pm: 63
  - 11pm - 12am: 53.4
  - 12am - 1am: 50.4
  - 1am - 2am: 48.2
  - 2am - 3am: 49.2
  - 3am - 4am: 46.6
  - 4am - 5am: 46.3
  - 5am - 6am: 48.0
  - 6am - 7am: 51.5
  - 7am - 8am: 54.5
  - 8am - 9am: N/A

- **Site 7 - 2209 E. Lake Wa Blvd**
  - 10pm - 11pm: 66
  - 11pm - 12am: 55.2
  - 12am - 1am: 52.2
  - 1am - 2am: 51.2
  - 2am - 3am: 52.0
  - 3am - 4am: 49.1
  - 4am - 5am: 50.9
  - 5am - 6am: 53.5
  - 6am - 7am: 55.7
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 8 - Portable Between Sites 4 and 6**
  - 10pm - 11pm: 63
  - 11pm - 12am: 54.6
  - 12am - 1am: 51.7
  - 1am - 2am: 48.6
  - 2am - 3am: 49.9
  - 3am - 4am: 46.8
  - 4am - 5am: 46.9
  - 5am - 6am: 55.0
  - 6am - 7am: 54.0
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 9 - Portable Between Sites 1 and 7**
  - 10pm - 11pm: 66
  - 11pm - 12am: 62.9
  - 12am - 1am: 60.4
  - 1am - 2am: 58.3
  - 2am - 3am: 58.9
  - 3am - 4am: 52.5
  - 4am - 5am: 54.0
  - 5am - 6am: 57.7
  - 6am - 7am: 66.4
  - 7am - 8am: N/A
  - 8am - 9am: N/A

- **Site 10 - Portable Between Sites 1 and 7**
  - 10pm - 11pm: 66
  - 11pm - 12am: 59.8
  - 12am - 1am: 57.0
  - 1am - 2am: 55.1
  - 2am - 3am: 56.5
  - 3am - 4am: 50.3
  - 4am - 5am: 53.9
  - 5am - 6am: 60.1
  - 6am - 7am: 60.3
  - 7am - 8am: N/A
  - 8am - 9am: N/A

#### Notes recorded by the on-site Independent Noise Monitor

**Work:**

No nighttime construction work performed.

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Not project-related. Exceedances are caused by public traffic driving by the noise monitors.

**Non-Compliance:**

None.

*Legend*

- **Leq** = Leq means the equivalent sound level, which is the constant sound level in a given time period.
- **N/A** = Time Period not applicable to MPPCNV
- **Red** = Noise Level Exceedance, project related
- **Blue** = Noise level exceedance, not project related
- **~** = No Data Available
## Public Comment Log

<table>
<thead>
<tr>
<th>Date / Time</th>
<th>To/From</th>
<th>Issue</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Monday, December 2, 2019 to Sunday, December 8, 2019  
10 p.m. to 7 a.m. (weekdays) 9 a.m. (weekends)