



SR 520 Bridge Replacement and HOV Program

SR 520 Portage Bay Bridge and Roanoke Lid Project



SR 520 Portage Bay Bridge and Roanoke Lid Project

Noise Monitoring Weekly Report Summary for **Monday, May 18, 2026** to **Sunday, May 24, 2026**

PUBLISHED May 27, 2026

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 Portage Bay Bridge 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 eleven 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 #6903010).

MPPCNV start date: **February 5, 2025**

MPPCNV days to date: **474**

Impact work days to date: **0**

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	4
Project related non-compliance this week	0
Nighttime noise issue comments to the project	0
Non-project-related noise exceedances this week	76

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	218
Total Project related non-compliance	2
Total noise issue comments to the project	24
Total non-project related exceedances	3841
Total TNV permits to date	13

**SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, May 18, 2026 to Sunday, May 24, 2026**

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

The table below includes data gathered from noise monitoring equipment located at eleven locations throughout the PBB Project area

Monday, May 18, 2026												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
M1-1004 E Roanoke St	71	58.1	55.9	55.7	50.2	48.7	51.1	53.8	58.4	60.1	N/A	N/A
M2 2619 11th Ave E	57	53.3	52.3	52	46.2	43.6	47.6	47.9	53.6	52.9	N/A	N/A
M3 2613 Boyer Ave E	62	58.2	56.6	55.2	51.3	48.8	51.3	52.9	58.2	60.8	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	61.5	59	57	53.8	51.5	53.2	58.1	65	66.1	N/A	N/A
M5 2411 Federal Ave E	70	58.5	55.6	56.4	51.3	48.3	51	52.9	56.4	58.3	N/A	N/A
M6 3113 Eastlake Ave E	66	72.5	70.7	68	67.1	66.2	67	68.8	71.6	73	N/A	N/A
M7-ROW near 2552 20th Ave E	72	56.1	54.9	53.8	49.9	47.4	51.4	56.1	57.4	59.5	N/A	N/A
M8-1601 E Calhoun St	60	55.5	53.5	53.7	48.5	45.8	47.7	51	53.9	54.2	N/A	N/A
M9-ROW near 1910 E Louisa St	60	57.4	55.2	54.9	52.4	50.4	51.7	54.5	63.9	59.7	N/A	N/A
M10 2510 E Lake Washington Blvd	67	52.1	49.8	52.3	47.5	47.2	48	49.4	53.1	53.5	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	57.1	55.4	54.9	51.1	50	51.4	54.7	60.5	62.7	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
<p>Work: Skanska was providing traffic control Skanska was working on temp bridge 17141132-NV</p> <p>Public Comments: No public comments at this time.</p> <p>Exceedances: Site(s): All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors</p> <p>Non-Compliance: None.</p>												

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

Yellow = Noise Level Exceedance, covered by TNV

~ = No Data Available

= No contract work . Portable monitors are not being used (not needed).

SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, May 18, 2026 to Sunday, May 24, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at eleven locations throughout the PBB Project area

Tuesday, May 19, 2026												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
M1-1004 E Roanoke St	71	57.9	56.3	54.2	52.3	49.8	48.1	55.1	58.9	66.5	N/A	N/A
M2 2619 11th Ave E	57	52.4	51.4	50.4	48.3	43.8	43.6	48.7	54.1	55.7	N/A	N/A
M3 2613 Boyer Ave E	62	58.5	56.7	54.5	52.3	49.8	50.3	53.7	58.9	62.1	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	62.2	60.2	57	55.1	52.8	54.1	58.9	65.3	69	N/A	N/A
M5 2411 Federal Ave E	70	58.7	57.2	55.6	54.4	52	50	52.4	56.1	59.4	N/A	N/A
M6 3113 Eastlake Ave E	66	73.1	70.8	68.1	66.6	66.7	67.5	68.5	71.5	73.4	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.7	56.6	54.5	51.4	50.8	50.4	56.3	57.8	61.1	N/A	N/A
M8-1601 E Calhoun St	60	55.2	54.2	53.5	51.3	46.5	45.4	49.7	55.4	58.5	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.9	57.7	55.7	53.5	51.1	50.3	53.7	59.6	60.5	N/A	N/A
M10 2510 E Lake Washington Blvd	67	52.4	50.3	48.9	46.9	43	41.7	46.9	52.8	55	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.4	57	54.3	52.8	50.1	50.4	52.8	58.2	60.8	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
<p>Work: Skanska was providing traffic control Skanska was working on temp bridge 17141132-NV</p> <p>Public Comments: No public comments at this time.</p> <p>Exceedances: Site(s): All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors</p> <p>Non-Compliance: None.</p>												

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
Yellow = Noise Level Exceedance, covered by TNV
~ = No Data Available
= No contract work . Portable monitors are not being used (not needed).

SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, May 18, 2026 to Sunday, May 24, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at eleven locations throughout the PBB Project area

Wednesday, May 20, 2026												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
M1-1004 E Roanoke St	71	59.1	60.4	53.2	52.2	50.9	50.8	58.4	58.9	60.5	N/A	N/A
M2- 2619 11th Ave E	57	52.2	54	48.6	46.4	46.1	47.2	50.2	52.7	52.1	N/A	N/A
M3- 2613 Boyer Ave E	62	57.8	58.2	54	52.2	50.4	51.1	55.3	58.5	60.2	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63	61.5	57.6	55.2	54	55.1	58	63.8	66.5	N/A	N/A
M5- 2411 Federal Ave E	70	58.8	56.9	53.9	52.4	53.3	52.9	53.6	58.5	59.1	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.1	70.9	68.7	67.1	66.5	67.7	69	72.1	73.3	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.8	56.5	55.1	53.6	52.8	54	55.3	59.9	61.2	N/A	N/A
M8-1601 E Calhoun St	60	55.5	55.7	54	52.5	50	50.5	52	55.1	56.2	N/A	N/A
M9-ROW near 1910 E Louisa St	60	60	60.1	61.3	62	61.3	60.6	57.6	61	61.8	N/A	N/A
M10- 2510 E Lake Washington Blvd	67	53.9	53.3	50.3	49.5	49.8	50	51.2	55.5	55.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.2	56.8	55.9	54.6	53.6	53.9	55	60.8	61.6	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
<p>Work: Skanska was providing traffic control Skanska was working on temp bridge 1 PSC was placing temp barrier 7141132-NV</p> <p>Public Comments: No public comments at this time.</p> <p>Exceedances: Site(s): All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors.</p> <p>Non-Compliance: None.</p>												

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

Yellow = Noise Level Exceedance, covered by TNV

~ = No Data Available

= No contract work . Portable monitors are not being used (not needed).

SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, May 18, 2026 to Sunday, May 24, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at eleven locations throughout the PBB Project area

Thursday, May 21, 2026												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
M1-1004 E Roanoke St	71	59	56.2	55	53.2	50.6	50.3	57	57.8	59.8	N/A	N/A
M2 2619 11th Ave E	57	51.5	51	50.9	50.2	47.1	45.2	50.6	52	51.8	N/A	N/A
M3 2613 Boyer Ave E	62	58.5	57.4	55.2	54.3	51.1	49.6	54.2	57.4	60.3	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63.2	61.3	58.3	57	55.1	54.1	58.4	63.5	65.5	N/A	N/A
M5 2411 Federal Ave E	70	59.5	55.4	52.4	52.9	51.8	53.9	57.9	57.9	61.2	N/A	N/A
M6 3113 Eastlake Ave E	66	72.8	71.2	68.5	67	66.6	67.2	68.4	71.5	73.2	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.4	55.9	54.6	54.8	53	54.7	55.9	58.8	59.5	N/A	N/A
M8-1601 E Calhoun St	60	58	54.8	51.7	52.7	49.9	48.1	51.7	54.5	55.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	63.2	61.3	61.1	60.8	59.6	53.1	56.3	59.4	60	N/A	N/A
M10 2510 E Lake Washington Blvd	67	53.7	50.6	50.2	50.3	49	48.8	52.3	54.2	54.8	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.9	58.5	55	55.7	53.7	52.2	54.9	59.5	61.7	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Skanska was providing traffic control
Skanska was working on temp bridge 1
PSC was placing temp barrier
7141132-NV

Public Comments:

No public comments at this time.

Exceedances:

Site(s) : All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors

Non-Compliance:

None.

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

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Blue = Noise level exceedance, not project related

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SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, May 18, 2026 to Sunday, May 24, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at eleven locations throughout the PBB Project area

Friday, May 22, 2026												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
M1-1004 E Roanoke St	71	58.2	56.7	56	53.2	52.4	50.8	52.9	56.4	59.4	58.6	60.6
M2 2619 11th Ave E	57	52.2	52	51.6	49.2	44.9	42	47.1	51.1	51.1	51.8	53.9
M3 2613 Boyer Ave E	62	59.2	58	56.4	53.5	52.1	50	51.6	55.2	57.4	58.9	60.1
M4-Portage Bay Condos 2524 Boyer Ave	66	65.2	63.9	62.1	59.8	58.6	55.5	56.2	58.9	62.6	63.8	65
M5 2411 Federal Ave E	70	56.8	54.2	53	54.2	51.5	49.7	50.3	53.4	54.2	55	56.7
M6 3113 Eastlake Ave E	66	73.7	71.9	~	69.3	67.6	65.6	65.8	67.2	69.6	71.7	72.9
M7-ROW near 2552 20th Ave E	72	57.5	55.6	54.6	54.1	54.2	59.3	53.8	53.9	55.9	56.9	59
M8-1601 E Calhoun St	60	57.4	54.7	52.5	49.9	48.7	45.8	48.6	50.5	51.2	51.1	54.2
M9-ROW near 1910 E Louisa St	60	59.8	57.1	55	55.2	55.6	52.9	55.5	55.2	56.4	57.8	59.5
M10 2510 E Lake Washington Blvd	67	52.1	50.9	50.1	47.5	48.6	47.2	49.7	51.7	51.6	52.1	54
M11-NOAA 2725 Montlake Blvd	67	58	56.9	55.4	54.3	55.2	53.6	51.4	55.8	59.2	60.9	62.2

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

No work during MPPCNV hours

Public Comments:

No public comments at this time.

Exceedances:

Site(s): All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors

Non-Compliance:

None.

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

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SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, May 18, 2026 to Sunday, May 24, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at eleven locations throughout the PBB Project area

Saturday, May 23, 2026												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
M1-1004 E Roanoke St	71	59.1	57.3	56.4	54.3	53.7	50.5	56.1	56.1	56.4	57.9	60.2
M2 2619 11th Ave E	57	54.5	52.3	51.5	49.4	50	46.8	47.8	52.1	52.3	52.5	55.8
M3 2613 Boyer Ave E	62	59.7	57.8	56.5	54.9	54.5	51.5	51.6	55	56.8	58.7	60.1
M4-Portage Bay Condos 2524 Boyer Ave	66	66.8	64.3	62.5	61.1	62.1	55.9	57	59.2	62.2	62.8	64
M5 2411 Federal Ave E	70	58.5	56.6	55	54.5	51.9	48.1	50.3	53.6	54.1	54.6	58.8
M6 3113 Eastlake Ave E	66	73.9	71.8	68.9	67.1	66.7	64.8	64.7	66.3	68.2	69.5	71.2
M7-ROW near 2552 20th Ave E	72	58.3	55.6	55	52.5	52.3	58.8	51.8	54.6	55.3	56.5	59.2
M8-1601 E Calhoun St	60	58	54.7	53.2	51.2	50.6	46.6	48.6	51.3	53	53	57.1
M9-ROW near 1910 E Louisa St	60	59.6	57	55.6	54.6	53.1	49.7	51.1	56.4	55.4	57.4	59.9
M10 2510 E Lake Washington Blvd	67	53.5	52.4	50.9	49.8	51	48.8	50.9	51	51.7	52.9	55.7
M11-NOAA 2725 Montlake Blvd	67	59.3	57.1	55.3	53.9	52.4	50.2	49.9	52.9	56	58	60.9
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
<p>Work: No work during MPPCCNV hours</p> <p>Public Comments: No public comments at this time.</p> <p>Exceedances: Site(s): All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors</p> <p>Non-Compliance: None.</p>												

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 MPPCCNV

Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

Yellow = Noise Level Exceedance, covered by TNV

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Major Public Project Construction Noise Variance
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The table below includes data gathered from noise monitoring equipment located at eleven locations throughout the PBB Project area

Sunday, May 24, 2026												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
M1-1004 E Roanoke St	71	60	59	57	55.1	55.1	51.7	56.6	55.3	58.2	N/A	N/A
M2 2619 11th Ave E	57	53.3	50.2	46.1	44.2	44	42.5	48.7	51.2	52.2	N/A	N/A
M3 2613 Boyer Ave E	62	59.2	57	53.3	51.3	50.7	50.1	51.4	54.7	57.6	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63.5	61.7	59.1	56.5	54.9	54.2	55.3	59.1	62.2	N/A	N/A
M5 2411 Federal Ave E	70	57.1	56.1	53.4	51.4	48.4	49.7	50.2	53.7	55.5	N/A	N/A
M6 3113 Eastlake Ave E	66	72.6	70.8	0	66.1	65.1	63.9	64.6	66.4	68.6	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.7	57.9	55.5	51.9	46.6	49.8	53.5	53.7	56.3	N/A	N/A
M8-1601 E Calhoun St	60	54.4	52.6	49.3	46.1	40.4	43.1	45.9	49.9	53	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59	58.5	56.1	53	47.9	50.5	50.7	56.5	57.4	N/A	N/A
M10 2510 E Lake Washington Blvd	67	53.3	51.6	0	47.8	48.5	47.1	49.4	51.1	52.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	62	60.7	58	54.6	50.5	52.3	52.1	55.8	59.2	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

No work during MPPCCNV hours

Public Comments:

No public comments at this time.

Exceedances:

Site(s): All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors

Non-Compliance:

None.

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 MPPCCNV

Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

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