



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, August 24, 2026** to **Sunday, August 30, 2026**

PUBLISHED September 2, 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: **572**

Impact work days to date: **0**

WEEKLY TOTALS

Nights worked this week (under the MPPCNV)	5
Project related non-compliance this week	0
Nighttime noise issue comments to the project	3
Non-project-related noise exceedances this week	67

PROJECT TOTALS TO DATE

Total Nights Worked (under the MPPCNV)	279
Total Project related non-compliance	7
Total noise issue comments to the project	39
Total non-project related exceedances	4614
Total TNV permits to date	16

CONSTRUCTION AREA AND NOISE MEASUREMENT LOCATIONS

Noise Monitoring Locations: the map below shows the locations of the eleven stationary noise monitoring sites



SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, August 24, 2026 to Sunday, August 30, 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, August 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	55.7	54.3	60.6	53.9	49.6	52.7	57.2	55.6	59.7	N/A	N/A
M2- 2619 11th Ave E	57	50.7	50.3	49.2	47.1	45.7	46.5	49	50.1	54.7	N/A	N/A
M3- 2613 Boyer Ave E	62	56.9	55.4	53.8	52.4	50.2	51.2	53.7	57.8	63.4	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.6	56.7	53.9	53.1	50.2	51.8	55.5	58.6	61.2	N/A	N/A
M5- 2411 Federal Ave E	70	54.5	53.2	53.6	50	50.6	51.8	51.4	54.2	57.3	N/A	N/A
M6- 3113 Eastlake Ave E	66	71.7	69.7	69.1	66.9	65.6	66.9	68.7	70.7	72.2	N/A	N/A
M7-ROW near 2552 20th Ave E	72	56.1	54.1	52.7	51.8	50.4	51.9	54.5	57.2	59.8	N/A	N/A
M8-1633 E Calhoun St	60	53.1	51.8	49.2	47.1	46.8	47.7	49.9	53.1	56.6	N/A	N/A
M9-ROW near 1910 E Louisa St	60	56.9	55.6	53.7	52.6	51.4	52.3	55.1	57.7	60.1	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	51.5	49.4	47.5	46.6	46.8	47.6	49.5	52.8	55.5	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	57.1	55	53.8	52.8	51.7	52	54.6	58.7	62.8	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Malcom was drilling shafts Public Comments: 2 public comments. See log for details. 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

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, August 24, 2026

to

Sunday, August 30, 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, August 25, 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	58.4	55.1	52.9	51.2	50.6	50.1	52.9	56.6	59.3	N/A	N/A
M2- 2619 11th Ave E	57	51.9	48.5	45.8	44.6	43.4	43.5	45.9	50.8	53.8	N/A	N/A
M3- 2613 Boyer Ave E	62	58	55.4	53.3	52.6	50.2	50.1	52.9	57.8	61.8	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.5	55.4	53.7	51.5	51	50.4	54.7	58	59.8	N/A	N/A
M5- 2411 Federal Ave E	70	55.8	52.5	49.5	49.2	47.6	47.7	50.2	54.5	55.3	N/A	N/A
M6- 3113 Eastlake Ave E	66	72	71	69.5	66.8	66.8	67.5	68.9	71.1	72.8	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.6	55.4	52.8	52.1	50.9	49.6	52.4	56.3	58.8	N/A	N/A
M8-1633 E Calhoun St	60	53.4	50.2	46.1	43.8	43.4	42.7	47.1	52	53.6	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.3	55.9	53.7	51.8	50.3	50.1	53.3	57	58.9	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	52.8	49.6	46.1	47.4	41.8	46.6	48.1	57.1	53.4	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.7	57.7	55.8	53.9	51.7	52	54.6	59.1	62.4	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Malcom was pouring concrete Skanska was repairing sidewalk 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.												

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, August 24, 2026 to Sunday, August 30, 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, August 26, 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	55.1	52.3	51.5	50	51.3	55.1	58.3	60	N/A	N/A
M2- 2619 11th Ave E	57	50.9	50.1	47.3	44.7	44.6	43.3	49	52.2	52.8	N/A	N/A
M3- 2613 Boyer Ave E	62	57.5	55.7	53.1	52.3	51	50	53.2	58.7	62	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.9	56.5	54.3	55.6	52	50.5	54.6	59.3	60.1	N/A	N/A
M5- 2411 Federal Ave E	70	55.5	53.5	51.5	52.2	48.6	49.5	52.4	55	55.5	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.1	70.7	69.3	67	66.5	67.4	69.4	71.5	73	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.8	57.4	54.5	53.7	53.5	50.3	53.6	57.1	58.8	N/A	N/A
M8-1633 E Calhoun St	60	53.5	52.8	49.3	49.5	46.6	44.5	49.3	52.7	52.9	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.2	57.9	55.1	54.3	51.4	50.7	54.3	57.2	58.5	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	52.8	51.9	48.8	48.2	50.8	43.9	48.9	52.1	53.1	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.5	57.8	~	55.8	52.4	54.1	58.3	60.8	63.3	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Malcom was drilling Skanska was working on TB2 Public Comments: 1 public comment. See log for details. Exceedances: Site(s): All exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors Non-Compliance: Pile driving outside of allowable hours												

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, August 24, 2026 to Sunday, August 30, 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, August 27, 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	59.6	56.6	53.8	50.2	51.6	49.4	51.1	56	57.9	N/A	N/A
M2- 2619 11th Ave E	57	52.4	52.6	52	46.8	46.7	45.1	46.6	51.3	51.6	N/A	N/A
M3- 2613 Boyer Ave E	62	60.1	57.7	54.8	51.5	51.1	50.7	53.3	57.7	62	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	59.3	58.2	57	52.7	51.3	51.4	53.1	58.7	60.5	N/A	N/A
M5- 2411 Federal Ave E	70	58.1	56.1	53.5	50.3	49.8	48.2	50.6	54.5	56.2	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.6	71.8	68.6	67.8	67.3	69.6	69.2	70.9	72.3	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.7	57.5	54.8	50.5	52.1	49.9	52.2	56.3	58.8	N/A	N/A
M8-1633 E Calhoun St	60	55.4	55.1	52.6	47.9	47.5	45.5	48	53.4	54.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.5	58.6	55.9	51.4	52.5	49.8	53.4	57.1	59.1	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	53.3	51.8	50.8	48	46.7	47	47.6	52.3	52.8	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61	59.2	55.9	51.3	51.7	49.9	53.6	58.6	60.5	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Malcom was pouring concrete Skanska was working on TB2 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

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, August 24, 2026 to Sunday, August 30, 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, August 28, 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	56.3	54.4	53	53.4	51.5	51.1	54.6	56.6	58.9	61.1
M2- 2619 11th Ave E	57	50.8	49.8	48.6	48	49.7	48.7	48.2	50.8	51.4	54.2	56
M3- 2613 Boyer Ave E	62	58.5	57.1	55.2	53.8	53	53.5	52.2	56	56.6	59.1	61.1
M4A- ROW near 2518 Everett Ave	66	60.3	59.9	57.3	56.2	57.3	54.7	51.7	55.3	57.7	59.4	61.1
M5- 2411 Federal Ave E	70	57.1	56.9	54.9	54.1	54.8	52.4	50	55.4	57.4	58.6	58.9
M6- 3113 Eastlake Ave E	66	73.4	72.2	~	69.5	67.5	65.9	65.7	67.4	69.4	71.2	73.2
M7-ROW near 2552 20th Ave E	72	59.1	58.1	55	55	54.8	56.1	50.1	53.8	57.4	59.9	61.4
M8-1633 E Calhoun St	60	56.2	55.5	52.3	52	56.1	55.1	47.2	52.3	54.1	56.8	57.9
M9-ROW near 1910 E Louisa St	60	61.5	60.1	56.9	56.7	57.2	57.5	50.8	54.6	58.9	60.8	62
M10A- 2510 E Lake Washington Blvd	67	52.5	50.7	48.3	47.2	50.8	63.9	47.3	49.4	51.9	55.2	56.3
M11-NOAA 2725 Montlake Blvd	67	58.8	56.8	54.9	53.5	56.7	56.2	50.9	54	57.1	59.1	63.4

Notes recorded by the on-site Independent Noise Monitor

Work:

Skanska was working on TB2

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.

$L_{eq} = L_{eq}$ 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).

Monday, August 24, 2026 to **Sunday, August 30, 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, August 29, 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	58.8	57.1	54.3	53.1	51.6	50	49.3	54	55.6	57.8	59.7
M2- 2619 11th Ave E	57	54.2	51.7	49.5	47	46.9	45.2	45.8	50.6	53.1	54	55.5
M3- 2613 Boyer Ave E	62	60.3	58.3	56.4	54.4	53.4	51.4	51.2	56.2	57	59	60.7
M4A- ROW near 2518 Everett Ave	66	60.2	58	55.9	56.1	53.2	50.8	51.4	54.5	56.8	58	59.4
M5- 2411 Federal Ave E	70	56	53.5	51.1	49	48.2	45.8	47	51.9	53.1	55.5	57.3
M6- 3113 Eastlake Ave E	66	74.2	72	69.7	68.9	66.9	65.7	65.2	66.4	68.4	70.5	71.6
M7-ROW near 2552 20th Ave E	72	58.5	59.5	53.8	52.9	51	48.2	48.7	51.6	55.1	56.3	57.5
M8-1633 E Calhoun St	60	55.4	52.2	49.5	46.4	45.3	42.9	44.9	50.1	51.8	54.3	55.6
M9-ROW near 1910 E Louisa St	60	59.3	57.7	55.1	53.6	52.5	50.2	49.8	52.7	55.6	57	57.9
M10A- 2510 E Lake Washington Blvd	67	52.6	50.9	48.4	46.4	45.3	43.3	45.8	48.9	49.6	52.4	54.5
M11-NOAA 2725 Montlake Blvd	67	62.8	60.4	57	55.2	53.7	51	50.6	54	56.8	59.4	61.1
*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.												

$L_{eq} = L_{eq}$ 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

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Yellow = Noise Level Exceedance, covered by TNV

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

Monday, August 24, 2026 to **Sunday, August 30, 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

Sunday, August 30, 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	56.1	60.7	53.8	51.1	49.1	51.2	52.7	56.9	58.8	N/A	N/A
M2- 2619 11th Ave E	57	50.9	51	49.5	46.4	45.6	46.2	48.5	51.9	53	N/A	N/A
M3- 2613 Boyer Ave E	62	57.7	57	54.9	51.7	49.9	50.7	53.5	58.4	62.1	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	59.3	58.3	56.2	53.4	51.3	51.2	54.9	59	61.7	N/A	N/A
M5- 2411 Federal Ave E	70	55.1	54.1	52.2	51.8	50.7	52.2	52.5	55.5	55.8	N/A	N/A
M6- 3113 Eastlake Ave E	66	73	71.5	~	66.9	66.3	67.2	68.9	71.5	72.5	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.5	56	~	52.2	49.4	50.6	53.2	56.3	58.9	N/A	N/A
M8-1633 E Calhoun St	60	54.5	53.7	51.4	49.5	48	47.9	49.5	53.8	57.3	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.7	57.2	56.1	54.3	51.5	51.7	54.8	57.7	59.4	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	53.5	49.1	~	46.9	46.1	46.5	49.2	52.3	54.7	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.6	56.8	~	52.1	49.9	50.8	54.2	57.6	60.2	N/A	N/A

*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.

$L_{eq} = L_{eq}$ 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

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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, August 24, 2026 to Sunday, August 30, 2026

10 p.m. to 7 a.m. (weekdays)/9a.m. (weekends)

Public Comment Log			
Date / Time	To/From	Issue	Resolution
8/25/26 12:15am	Hotline/ Jennifer V	The neighbor left a voicemail at 12:15 a.m. with a complaint about noise that she described as sounding like drilling on the south side of East Roanoke Street . She asked us to stop the noise but did not request a call back.	None. No exceedances were detected. The neighbor did not want a follow-up. SDCI was informed of the complaint
8/25/2026 1:00am	Hotline/ Beth R	The neighbor called the Revive I-5 project to complain about backup alarms. Investigation: The PBB project had crews on the WB520 to NB I-5 ramp working against the Roanoke Exit. All observed backup alarms were broadband alarms. No full tone alarms were observed. There were no exceedances, and no full tone alarms were recorded	None. No full tone backup alarms were detected. SDCI was informed of the complaint.
8/27/2026 2:14pm	Email/ Shaina P.	The neighbor emailed with a complaint about the noise from the work being done in the Roanoke area on the nights and asking if hotel rooms were available for the work being done next week.	None. No exceedances were detected. The comms team reached out to explain that work was covered under the MPPCNV and allowed. They also told them that households have noise abatements available.