WSDOT

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, October 26, 2026 to Sunday, November 1, 2026

PUBLISHED November 4, 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: **635**
Impact work days to date: **0**

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	6
Project related non-compliance this week	0
Nighttime noise issue comments to the project	1
Non-project-related noise exceedances this week	66

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	331
Total Project related non-compliance	8
Total noise issue comments to the project	51
Total non-project related exceedances	5187
Total TNV permits to date	18

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, October 26, 2026 to Sunday, November 1, 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, October 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	57.5	56.2	54.5	52.6	51.5	53.2	54.6	58	59.8	N/A	N/A
M2- 2619 11th Ave E	57	51.4	50.9	47.6	46.4	44.4	42.9	46.7	50.2	51.8	N/A	N/A
M3- 2613 Boyer Ave E	62	56.6	56	52.7	51.1	50.4	48.5	52.5	57	60.1	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.2	57.6	52.6	51.5	49.1	49.3	53.4	58.5	59.3	N/A	N/A
M5- 2411 Federal Ave E	70	55.2	54.1	50	49.1	47.7	51.1	53	56.4	57.1	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.2	71.4	68.3	66.6	66.7	66.9	69.2	71.8	73.1	N/A	N/A
M7-ROW near 2552 20th Ave E	72	57.8	56.7	53.3	51.6	51.9	52.9	56.8	59.2	60	N/A	N/A
M8-1633 E Calhoun St	60	53.7	53.2	49.7	48.5	44.6	47.5	50.2	54	54.5	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.8	58.4	56	54.4	53	50.8	55.2	59.5	59.8	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	53.1	52	50.7	51	49.9	51	52.2	54	53.4	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.2	57.9	55.4	52.6	52	51.7	55.8	60.3	62.7	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 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, October 26, 2026 to Sunday, November 1, 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, October 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	60.6	60.1	58.2	55.8	55.6	56	56.4	60.4	66.1	N/A	N/A
M2- 2619 11th Ave E	57	51.9	53.2	50.4	46.2	47	43.9	45.8	51.2	55.7	N/A	N/A
M3- 2613 Boyer Ave E	62	58.1	58.5	56.7	51.5	51.6	50.8	51.7	57.2	60.5	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	56.7	57.5	54.1	50.7	50.4	50.4	53.6	58.1	59.9	N/A	N/A
M5- 2411 Federal Ave E	70	55.6	55.8	53.9	51.8	51.4	51.5	54.3	57.1	58.5	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.8	71.8	69.5	66.9	67.2	67.4	69.3	72	73.4	N/A	N/A
M7-ROW near 2552 20th Ave E	72	57.4	56.7	53.8	50.8	50.9	51.1	55.4	58.9	62.5	N/A	N/A
M8-1633 E Calhoun St	60	52.4	52.9	49.8	48.2	47	45.3	49.5	53.6	55.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.1	58.4	55.3	54.7	54.1	51.7	55.2	59.1	60.6	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	53.5	53.5	52.4	53.2	51.8	50.8	52.3	54.5	55.5	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.4	61	58.2	55.3	55.3	54.6	57	61.1	64	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 TB2
Grady was offhauling dirt

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, October 26, 2026 to Sunday, November 1, 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, October 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	60.9	57.9	54.9	54.4	52.6	53.6	55.3	59.3	61.1	N/A	N/A
M2- 2619 11th Ave E	57	55.1	52.2	49.2	46.7	46.1	46.8	51.3	54.8	55.3	N/A	N/A
M3- 2613 Boyer Ave E	62	59.4	56.8	54.1	52	51.5	51.8	55.6	59	61.2	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	59.5	56.3	53.4	49.6	50.1	50.9	56.9	59.4	60.6	N/A	N/A
M5- 2411 Federal Ave E	70	57	55.3	51	50.3	48.8	49	50.3	55.4	56.7	N/A	N/A
M6- 3113 Eastlake Ave E	66	73.5	70.8	68.3	66	67.5	67.5	69.4	72.2	73.5	N/A	N/A
M7-ROW near 2552 20th Ave E	72	57.7	55.8	52.5	52.6	51.1	51.1	55.3	57.2	58.8	N/A	N/A
M8-1633 E Calhoun St	60	54.8	52.5	48.4	45.8	45.3	45.2	48.8	54.1	55.6	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.3	56.7	55	54	51.8	49.7	53.4	57.5	58.9	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	55	53.5	51.7	51.4	51	52.2	52.1	54.8	54.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.2	58.3	~	54.4	52.5	52.4	54.2	58.9	62.2	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 TB2
Grady was offhauling dirt

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:

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
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, October 26, 2026 to Sunday, November 1, 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, October 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	59	57.5	54.9	54.1	52.9	54.7	53.9	58.6	60.9	N/A	N/A
M2- 2619 11th Ave E	57	53.3	52.6	49.7	48.6	48.8	48.7	48.6	52.8	54.5	N/A	N/A
M3- 2613 Boyer Ave E	62	58.4	56.8	54.2	52.1	52.5	51.4	53	57.3	60.5	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.6	58.7	54.8	52.5	53.3	52.1	56.4	59.6	61	N/A	N/A
M5- 2411 Federal Ave E	70	56.8	55.7	53.3	52.6	50.3	52.3	55.6	58	59.4	N/A	N/A
M6- 3113 Eastlake Ave E	66	73.2	72.1	69.2	66.9	67.6	67.1	69.3	71.8	73.1	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.6	56	54.4	52.6	51.6	52.8	54.5	59.8	60.8	N/A	N/A
M8-1633 E Calhoun St	60	54.6	53.7	50.8	50.2	49.5	49.1	50.4	56	57.3	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.8	58.9	57.1	55.9	53.5	52.7	55.5	60	60.3	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	54.7	53.6	52.3	53	52.2	52.8	51.9	55.5	56	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.1	58.5	56.7	54.2	53.4	53	55.4	59.8	61.4	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 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.

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SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, October 26, 2026 to Sunday, November 1, 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, October 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	60.6	60.4	58.4	57.6	56.9	53.8	54.5	54.2	56.6	58.6	60.6
M2- 2619 11th Ave E	57	55.2	55.3	54.1	53.4	53	48.8	50	48.6	52.1	53.2	55.4
M3- 2613 Boyer Ave E	62	60.8	60.7	59.9	58.5	57.8	53.9	53.7	53.9	57.9	59.6	61.7
M4A- ROW near 2518 Everett Ave	66	59.4	59.3	58	56.6	59.2	52.8	52.5	52.1	56	59.1	60.8
M5- 2411 Federal Ave E	70	56.7	55.9	54.8	54.6	55.4	50.3	51.3	50.8	54.6	55.2	56.6
M6- 3113 Eastlake Ave E	66	74.8	74.5	~	73.1	73.5	73.4	70.3	71.3	72.7	73.8	74.2
M7-ROW near 2552 20th Ave E	72	59.7	59	57.9	57	55.7	51.9	52.7	54.5	56	58	60
M8-1633 E Calhoun St	60	55.3	55.9	54.3	53.6	52.4	47.4	49.9	48.4	52.8	54.6	55.7
M9-ROW near 1910 E Louisa St	60	60.1	60.1	59.2	58.7	57.7	52.3	52.7	52.7	56.2	58.8	59.9
M10A- 2510 E Lake Washington Blvd	67	55.4	54.9	54.4	54	53.9	52.5	53.4	52.2	54.4	55.4	58.2
M11-NOAA 2725 Montlake Blvd	67	62.4	61.3	60	59.7	58.6	54	54.7	54	57.8	60	61.6

*Hourly-Average Leq (dBA)

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.

Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.
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SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, October 26, 2026 to Sunday, November 1, 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, October 31, 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	60.1	61.3	59	56.5	54.3	56	50.3	52.7	55.7	58.2	59.8
M2- 2619 11th Ave E	57	53.7	55.6	53.6	~	48.4	47.2	~	48.6	51.5	53.7	54.6
M3- 2613 Boyer Ave E	62	61.5	60.7	60.6	57.6	55.1	52.5	52.5	53.5	56.7	59.1	60.1
M4A- ROW near 2518 Everett Ave	66	58.6	58.2	~	56.1	54.1	51	50.6	52.5	55.5	57.5	58.9
M5- 2411 Federal Ave E	70	56	58.2	56.7	57.3	54.9	51.1	49.9	53.2	54.3	56	58
M6- 3113 Eastlake Ave E	66	74	74.6	74.2	~	71.9	74	0	70.5	71.9	73.1	73.8
M7-ROW near 2552 20th Ave E	72	60.9	60.2	59.9	59.6	54.1	52.3	49.5	51.6	55.7	57.7	59.9
M8-1633 E Calhoun St	60	54.5	54.5	54.3	52.5	50.5	46.2	46.3	49.2	51.9	54.2	55.9
M9-ROW near 1910 E Louisa St	60	60.9	60	59.6	57.1	55.5	51.1	50.3	52.6	55	57.1	60.2
M10A- 2510 E Lake Washington Blvd	67	55.8	55.6	54.6	52.2	51.6	51.2	51	51.8	52.9	54.1	55.5
M11-NOAA 2725 Montlake Blvd	67	63.2	61.9	60.5	55.8	54.9	50.9	50.1	52.7	55.6	57.4	58.8
*Hourly-Average Leq (dBA)												

Notes recorded by the on-site Independent Noise Monitor

Work:

Skanksa 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.
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NOISE MONITORING - WEEKLY REPORT
Monday, October 26, 2026 to Sunday, November 1, 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, November 1, 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	58.3	55.6	52.8	50.7	48.4	48.8	52.7	57.5	60.8	N/A	N/A
M2- 2619 11th Ave E	57	54.6	50.9	49.3	48.2	46.5	46.8	49.3	53.4	53.7	N/A	N/A
M3- 2613 Boyer Ave E	62	59.1	56.3	53.9	51.7	49.3	50	53.6	59	61	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	58.9	57.1	53.1	51.4	49.1	49.8	54.5	58.4	60.5	N/A	N/A
M5- 2411 Federal Ave E	70	54.8	52.1	51.1	47.1	46.6	47.1	49.5	53.7	56.6	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.1	71.7	~	65.8	65.4	66.8	68.9	71.3	73.2	N/A	N/A
M7-ROW near 2552 20th Ave E	72	56.5	55.9	~	49.3	46.8	47.3	51.7	55.6	58.6	N/A	N/A
M8-1633 E Calhoun St	60	54.6	52.4	47.8	46.2	44.9	44.2	46.5	51.5	54.6	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.2	57	53.5	51.2	48.4	49.2	52.4	56.3	58.9	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	54.6	54.2	~	52	51.4	51.5	51.5	53.6	54.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.2	57.3	~	51	49.2	50	53.5	58.4	62.2	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.

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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SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT

Monday, October 26, 2026 to Sunday, November 1, 2026 **10 p.m. to 7 a.m. (weekdays)/9a.m. (weekends)**

Public Comment Log

Date / Time	To/From	Issue	Resolution
10/28 11:32pm	Hotline/ Kristin F.	A neighbor called inquiring about the noise she was hearing from work near her home. She was not notified of the work being performed. Investigation: There was work being performed off WB520 near the Delmar bridge. It involves the loading trucks with the material that was excavated during the day. The work is intermittent and rarely exceeds the noise level of the freeway traffic. There were no exceedances recorded.	None. There were no exceedances or noncompliance The comms told her about the construction corner website and neighbor email. They also promised to follow up in the morning. SDCI was informed of the comment.