



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, September 21, 2026** to **Sunday, September 27, 2026**

PUBLISHED September 30, 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: **600**

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	0
Non-project-related noise exceedances this week	74

PROJECT TOTALS TO DATE

Total Nights Worked (under the MPPCNV)	301
Total Project related non-compliance	8
Total noise issue comments to the project	45
Total non-project related exceedances	4879
Total TNV permits to date	17

CONSTRUCTION AREA AND NOISE MEASUREMENT LOCATIONS

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



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

***Hourly-Average Leq (dBA)**

Work:

Public Comments:

Exceedances:

Non-Compliance:

= 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, September 21, 2026 to Sunday, September 27, 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, September 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	57.5	55.1	50.9	49.5	48.4	50.8	54.3	64.7	65.7	N/A	N/A
M2- 2619 11th Ave E	57	50.4	49.4	44.9	43.8	43.9	45.3	49	54.3	56	N/A	N/A
M3- 2613 Boyer Ave E	62	57.7	55.7	52.8	50.6	51.6	51.5	54.4	59.8	61.5	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	56.6	54.8	50.5	50	48.2	50.2	53.7	58.4	61	N/A	N/A
M5- 2411 Federal Ave E	70	54.6	52.3	46.8	46.9	45	46.8	50.3	54.6	55.5	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.5	69.4	67.9	66.8	66.2	66.1	69.5	71.9	73.1	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60.8	55.5	51.1	49.3	49.9	48.4	52.4	57.1	60.7	N/A	N/A
M8-1633 E Calhoun St	60	55.5	52.4	44.7	44	40.2	41.8	47.2	51.7	55.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	62	58.1	52.4	52.9	48.2	48.8	52.7	56.5	59	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	53.5	52.4	50.5	50	49.5	48.7	49.8	61.4	53.5	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.5	57.8	53.8	52.6	50.8	51.1	53.9	59	62.3	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 delivering material to Pen yard Transcon was trenching in area 9 7161404-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.												

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, September 21, 2026 to Sunday, September 27, 2026 10 pm to 7 am (weekdays) / 9 am (weekends)

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

Wednesday, September 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	60	56.3	53.3	51	49.9	50.7	53.6	58.4	59.9	N/A	N/A
M2- 2619 11th Ave E	57	52.5	51.4	49.8	48.2	47.1	47.3	50	52.4	54.3	N/A	N/A
M3- 2613 Boyer Ave E	62	59	57	54.8	52.6	51.3	51.5	54.9	58.1	61.2	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	60.2	58.1	55.1	53.2	51.7	52.1	55.6	59.4	61.9	N/A	N/A
M5- 2411 Federal Ave E	70	56.7	53.3	51.1	50.8	49	50.9	51.2	55	56.9	N/A	N/A
M6- 3113 Eastlake Ave E	66	73.2	70.9	67.8	66.7	66.5	66.9	69.3	71.9	73.2	N/A	N/A
M7-ROW near 2552 20th Ave E	72	61.9	56.9	54	53.1	50.4	52.4	53.4	57.9	59	N/A	N/A
M8-1633 E Calhoun St	60	57.6	54.1	51.5	50.6	47.6	49.7	50.5	54.1	57.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	61.5	58.1	54.6	53.5	50.7	53	55.3	58.2	59.9	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	54	54.2	52.4	53.2	52.1	53.5	51	53.2	53.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.5	57.3	~	53	50.1	54.4	56.4	59.2	61.2	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 delivering material to Pen yard Transcon was installing conduit on I-5 Malcom was pouring concrete 7161404-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

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, September 21, 2026 to Sunday, September 27, 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, September 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	59.8	58.2	55	53.1	52.1	51.9	52.9	58.2	61.2	N/A	N/A
M2- 2619 11th Ave E	57	53.2	54	51.3	49.7	47.8	48.3	47.9	53.7	55.3	N/A	N/A
M3- 2613 Boyer Ave E	62	59.1	57.6	55.6	53.2	51.5	51	52.9	57.8	61.6	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.2	56.8	53.9	51.1	50.6	52.1	53.7	57.9	60.3	N/A	N/A
M5- 2411 Federal Ave E	70	54.7	56.6	52.8	50.1	49.4	52.1	53.5	54.8	57.2	N/A	N/A
M6- 3113 Eastlake Ave E	66	73	70.4	67.8	67.9	66.5	66.3	69.3	71	72.8	N/A	N/A
M7-ROW near 2552 20th Ave E	72	57.6	56.8	54.1	51.8	51.8	53.6	54	57	58.5	N/A	N/A
M8-1633 E Calhoun St	60	52.5	54.8	51.5	48.7	48.1	49.9	50.1	52.8	53.7	N/A	N/A
M9-ROW near 1910 E Louisa St	60	57.6	56.9	53.3	51.2	51.8	53.7	55.3	57.6	57.9	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	54.7	55.5	53.3	51.5	49.8	50.1	50.3	52.7	53.5	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	57.7	56.8	53.3	51.9	51.7	52.4	54	57.6	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 Skanska was working on TB2 Transcon was backfilling conduit boxes 7161404-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

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, September 21, 2026 to Sunday, September 27, 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, September 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	60.9	59.1	60.8	55.4	54.2	51.8	53.9	56.9	57.5	59.8	61.1
M2- 2619 11th Ave E	57	54.3	54.7	53.4	50.4	48.5	46.4	50.1	54	53.5	54.9	56.6
M3- 2613 Boyer Ave E	62	60.9	59.9	58.6	56.6	54.9	52.6	55.1	57.4	58.5	61	62.6
M4A- ROW near 2518 Everett Ave	66	60.4	59.3	57.7	55.4	53.6	51.6	53.2	56.2	58.2	60.8	61.9
M5- 2411 Federal Ave E	70	56.9	54.9	54.7	51.7	50	48.3	50	53.8	53.9	56.9	58
M6- 3113 Eastlake Ave E	66	74.7	73.1	~	68.5	67	66.8	66.5	68.6	70.3	72.6	73.5
M7-ROW near 2552 20th Ave E	72	60.1	58.6	57.4	54.7	52.8	52.1	55.5	57.5	59.4	61.3	60.7
M8-1633 E Calhoun St	60	55	53.6	53.1	49.5	47	47.3	50	52.9	53.9	56.7	57.7
M9-ROW near 1910 E Louisa St	60	60.9	59.5	60.6	55.7	54.4	52.9	55.1	57.4	59	61.1	61.8
M10A- 2510 E Lake Washington Blvd	67	55.2	53.6	52.6	51.5	50.7	50.9	52.1	52.9	53.7	55.7	57
M11-NOAA 2725 Montlake Blvd	67	63.9	61.3	59.9	57.2	55.8	53.4	56.3	59.6	61.2	63.6	63.6
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Penhall / Skanska was removing demoed ramp 7161404-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

Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

Yellow = Noise Level Exceedance, covered by TNV

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

Monday, September 21, 2026 to Sunday, September 27, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

Saturday, September 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	60.5	59.8	58.5	56.1	54.7	52.2	53	54.1	55.8	57.7	60
M2- 2619 11th Ave E	57	55.4	54.1	52.8	51.2	48.9	48.3	48	49.7	50.9	53.1	54.3
M3- 2613 Boyer Ave E	62	61.3	60.4	58.8	56	53.8	53	52	55	57.3	59.2	60.9
M4A- ROW near 2518 Everett Ave	66	62.8	62	60	57.5	55.6	53.9	53.2	55.9	57.5	59.1	61.3
M5- 2411 Federal Ave E	70	58.4	59.1	58.9	56	55	52.7	54.2	53.7	55.7	57	57.6
M6- 3113 Eastlake Ave E	66	74.3	72.5	69.9	68.2	68.3	65.3	65.5	66.8	68.6	70.8	72.6
M7-ROW near 2552 20th Ave E	72	60.7	61.4	59.1	57.4	54.6	52	52.2	53.9	55.9	57.4	59
M8-1633 E Calhoun St	60	59.9	59.6	57.5	55.3	53.2	50.2	50.2	52.3	53.8	55.4	56.1
M9-ROW near 1910 E Louisa St	60	62.1	62.9	61.8	60.3	56.6	53.8	53.6	55.1	57.1	58.9	59.7
M10A- 2510 E Lake Washington Blvd	67	58.4	56.3	54.5	52.7	51.8	51	51.1	52	52.5	54	55.5
M11-NOAA 2725 Montlake Blvd	67	61.9	61.7	60	57.1	54.8	53	53	54.7	57.3	59.4	60.7
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Penhall / Skanska was removing demoed ramp												
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.												

= 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, September 21, 2026 to Sunday, September 27, 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, September 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	58.2	55.5	63.4	51.2	50.6	51.1	52.6	58	59.9	N/A	N/A
M2- 2619 11th Ave E	57	54.9	52.1	49.8	46.5	47.4	49.4	48.6	53	54.6	N/A	N/A
M3- 2613 Boyer Ave E	62	60.4	56.8	54.5	51.8	51.2	52.4	53.6	58.6	62	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	59.7	57.5	55	52.1	51.2	52.4	55.5	59.3	61.6	N/A	N/A
M5- 2411 Federal Ave E	70	55	53.7	54.8	51.8	50.8	48.6	50.6	55.5	56.1	N/A	N/A
M6- 3113 Eastlake Ave E	66	73.1	71.5	~	65.4	66.1	66.1	68.9	71.8	73.4	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60.2	58.5	~	53.1	50.3	50.7	54.3	58.5	59.3	N/A	N/A
M8-1633 E Calhoun St	60	55.5	53.6	52.6	49.1	47.8	46.9	50.3	54.8	56.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	60.9	59.1	57.5	54	51.7	52.4	55.7	59.4	59.6	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	53.6	52.5	~	50.7	51.2	50.6	51.4	54.4	55.1	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	62.9	59.1	~	54.1	51.9	52.4	54.8	59.7	62	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

Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

Yellow = Noise Level Exceedance, covered by TNV

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= 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, September 21, 2026 to Sunday, September 27, 2026

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution