



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, July 28, 2025

to

Sunday, August 3, 2025

PUBLISHED August 6, 2025

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: 180

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	68

PROJECT TOTALS TO DATE

Total Nights Worked (under the MPPCNV)	72
Total Project related non-compliance	2
Total noise issue comments to the project	3
Total non-project related exceedances	1335
Total TNV permits to date	7

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, July 28, 2025 to Sunday, August 3, 2025 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, July 28, 2025												
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	55.9	54.6	51	50.1	51.3	54.3	59.4	61.4	N/A	N/A
M2 2619 11th Ave E	57	51.6	50.3	49.1	46.3	47	47.2	50	53.7	53.6	N/A	N/A
M3 2613 Boyer Ave E	62	57.6	55.9	54	51	51.3	51.4	54.6	59.2	61.1	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63.9	61.6	59.5	56.5	55.9	56.4	60.2	65.7	66.6	N/A	N/A
M5 2411 Federal Ave E	70	57.5	56	54.4	54	53.4	53.6	54.8	57.8	59.5	N/A	N/A
M6 3113 Eastlake Ave E	66	71.5	69.8	67.4	65.5	66.4	65.5	67.5	70.5	72	N/A	N/A
M7-ROW near 2552 20th Ave E	72	57.4	53.9	52.8	50.2	50.7	53.5	54.5	58	59.8	N/A	N/A
M8-1601 E Calhoun St	60	53.9	52.2	50.4	48.3	47.4	48.1	48.7	53.4	57	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.6	56	54	52.3	52.8	53.3	55.7	60.2	61.1	N/A	N/A
M10 2510 E Lake Washington Blvd	67	51.5	49.8	48.6	47.2	45.8	45.2	44.7	51.1	54.8	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.1	56.6	54.8	51.9	52.6	52.6	56.1	60.7	63.3	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

~ = 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, July 28, 2025 to Sunday, August 3, 2025 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, July 29, 2025												
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	59.3	56.8	58	51.7	52.3	51.1	53.8	59.5	61.4	N/A	N/A
M2 2619 11th Ave E	57	53.8	50.9	53.7	47.9	46.4	46.7	48.5	53.4	54	N/A	N/A
M3 2613 Boyer Ave E	62	62.3	56.1	55.9	52.3	51.7	51.3	53.5	58.6	61.2	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	65.1	62.1	59.7	57.3	57.7	56.3	60	65.3	67	N/A	N/A
M5 2411 Federal Ave E	70	58.2	56.9	56.9	54.5	55	55	56.8	58.8	59.3	N/A	N/A
M6 3113 Eastlake Ave E	66	72.3	70.2	67.6	65.6	65.9	64.8	68	70.5	72.1	N/A	N/A
M7-ROW near 2552 20th Ave E	72	56.7	54.5	53.3	49	52.8	51	53.3	57.8	61.1	N/A	N/A
M8-1601 E Calhoun St	60	54.9	53.1	50.4	48	48.3	46.4	48.8	53.5	54.6	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.5	56.7	55.1	51.9	55.1	54.2	55.9	59.8	60.7	N/A	N/A
M10 2510 E Lake Washington Blvd	67	55.8	54.8	54.7	54.3	54.3	54.6	54.6	55.7	55.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.6	56.5	55.4	52.4	52.8	53.3	55.4	61.2	63.4	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanksa was cutting pile 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).

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**

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

Thursday, July 31, 2025												
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	59.2	58	55.1	51	51.2	54.1	54.5	59	61.7	N/A	N/A
M2 2619 11th Ave E	57	51.4	49.4	48.5	43.4	40.5	41.2	44.9	~	52.6	N/A	N/A
M3 2613 Boyer Ave E	62	58.6	57.3	53.4	50.3	48.6	50.6	53	56.9	60.4	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	62.8	62.2	58.9	55.6	54.1	54.4	59	65.1	65.5	N/A	N/A
M5 2411 Federal Ave E	70	56.8	58.4	55.2	54.9	54.3	55.2	55.6	58	58.8	N/A	N/A
M6 3113 Eastlake Ave E	66	73.2	71.3	68.6	66.3	66.9	66.6	67.3	70.7	72.1	N/A	N/A
M7-ROW near 2552 20th Ave E	72	56.7	55.7	52.6	51.3	50.8	51.5	53.6	58.1	59.5	N/A	N/A
M8-1601 E Calhoun St	60	51.5	53.7	48.9	47.1	46.8	46.4	46.5	52.6	53.8	N/A	N/A
M9-ROW near 1910 E Louisa St	60	57.6	58	55.2	55	53.9	53.6	54.6	59.6	58.8	N/A	N/A
M10 2510 E Lake Washington Blvd	67	55.3	55.2	54.2	54.2	54.3	54.4	54.1	55.6	55.5	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.3	58.2	55.6	53.6	52.8	53.1	55.9	60.5	62.3	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska provided traffic control Skanska mobilized two manlifts onto the trestle Skanska was cutting pile 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).

SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, July 28, 2025 to Sunday, August 3, 2025 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 1, 2025												
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	61.5	60.3	57.4	55.3	54	58.6	52.4	56	58	67	61.1
M2 2619 11th Ave E	57	55.7	53.9	51.5	49.6	47.9	48	47.5	51.8	51.6	51.9	54.1
M3 2613 Boyer Ave E	62	60.8	58.7	56.5	54.3	53.9	52.1	51.9	55.6	57.8	58.8	60
M4-Portage Bay Condos 2524 Boyer Ave	66	66.1	64.7	62.4	61	59.5	56.3	56.5	60.1	63.3	64.8	65.6
M5 2411 Federal Ave E	70	60.5	59.3	57.7	56.6	55.3	60.3	54.9	56.7	57.3	61.1	59.8
M6 3113 Eastlake Ave E	66	73.4	72	69.6	68.7	66.3	64.9	65.9	67	69.1	71.1	71.8
M7-ROW near 2552 20th Ave E	72	59.3	61.6	54.6	52.6	51.1	50.1	50.8	53.8	55.7	58.3	58.6
M8-1601 E Calhoun St	60	57.6	56.5	54.1	50.9	48.7	47	46.4	51.9	52.6	53.4	54.1
M9-ROW near 1910 E Louisa St	60	60.6	60.4	57	55.1	53.8	52	52.3	55.1	57.5	59.7	59.2
M10 2510 E Lake Washington Blvd	67	56.3	55.9	54.6	54	53.1	53.6	53.3	54	54.9	54.2	54.9
M11-NOAA 2725 Montlake Blvd	67	62.4	59.8	56.8	55	53.2	52	52.8	55.9	58.9	61.9	62.7
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was cutting pile 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, July 28, 2025 to Sunday, August 3, 2025 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 2, 2025												
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	59.9	59.3	57.5	55.4	54.7	51.9	50.2	53.8	57.2	63.4	61.9
M2 2619 11th Ave E	57	51.4	51	49.5	49.9	47.2	46.2	44.5	46.9	49.4	53	54.6
M3 2613 Boyer Ave E	62	58.5	57.8	56.1	54.9	53	50.8	50.2	52	56.5	58	59.4
M4-Portage Bay Condos 2524 Boyer Ave	66	66.2	65.3	62.8	61	59.7	56.8	55.8	58.3	62.2	63.4	64.9
M5 2411 Federal Ave E	70	59.5	58.4	57.9	55.2	55.9	53.6	53.5	55	56.7	58.2	59.4
M6 3113 Eastlake Ave E	66	72.9	72	69.4	67.6	66.6	64.4	64.1	65.8	67.8	68.9	70.3
M7-ROW near 2552 20th Ave E	72	58.6	57.2	55.1	53	52.9	49.3	49.2	53.4	56.7	58.8	60.5
M8-1601 E Calhoun St	60	56.2	55.4	54.6	50.7	49.3	45.2	44.2	47.8	51.3	55	56
M9-ROW near 1910 E Louisa St	60	60.7	59.6	57.7	55.2	53.7	51	51	54.6	57.1	59.6	60.4
M10 2510 E Lake Washington Blvd	67	54.8	54.3	54.4	53.5	52.9	52.7	52.5	52.8	53.1	54.6	62.4
M11-NOAA 2725 Montlake Blvd	67	60.4	59.7	58.2	55.2	53.6	51.5	51.8	55.7	58.6	60.3	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.												

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SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
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Monday, July 28, 2025 to Sunday, August 3, 2025 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

Sunday, August 3, 2025												
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	59.9	57.5	54.4	52.7	50.8	51.8	53.2	59.4	61.3	N/A	N/A
M2 2619 11th Ave E	57	54.3	50.3	48.3	46	45	45.2	44.6	51.2	52.7	N/A	N/A
M3 2613 Boyer Ave E	62	58.9	55.8	52.7	50.8	49.4	51.1	51.1	57.4	60.5	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	64.1	61.6	58.6	56.4	54.5	56.6	58.7	64.4	66.2	N/A	N/A
M5 2411 Federal Ave E	70	59.7	57.7	55.6	54.6	54	54.6	55.1	58.5	59.1	N/A	N/A
M6 3113 Eastlake Ave E	66	72.5	69.9	67.6	65.6	64.9	64.9	67.2	70.2	71.8	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.4	57	54.9	51.5	49.1	50.2	51.9	57.4	58.9	N/A	N/A
M8-1601 E Calhoun St	60	55.9	52.4	50.6	46.8	46	44.8	45.3	52.7	54.3	N/A	N/A
M9-ROW near 1910 E Louisa St	60	60.3	58	55.9	53.2	50.3	51.6	53.5	58.7	59.5	N/A	N/A
M10 2510 E Lake Washington Blvd	67	55.6	54.2	54	53.1	52.9	52.8	52.7	55.6	55.1	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61	58.7	56	53.3	51.5	52.9	54.7	60.5	63.4	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: None. 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, July 28, 2025 to Sunday, August 3, 2025

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution