



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 20, 2026** to **Sunday, July 26, 2026**

PUBLISHED July 29, 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: **537**

Impact work days to date: **0**

WEEKLY TOTALS

Nights worked this week (under the MPPCNV)	7
Project related non-compliance this week	0
Nighttime noise issue comments to the project	0
Non-project-related noise exceedances this week	63

PROJECT TOTALS TO DATE

Total Nights Worked (under the MPPCNV)	255
Total Project related non-compliance	3
Total noise issue comments to the project	31
Total non-project related exceedances	4268
Total TNV permits to date	15

The map displays the University of Washington campus and surrounding areas. Key features include:

- Water Bodies:** Lake Washington, Portage Bay, and Montlake Cut.
- Major Roads:** Ship Canal Bridge, Boyer Ave E, Highway 520, and various local streets like E Louisa St, E Miller St, and E North St.
- Landmarks:** University of Washington, Broken Island, and Evergreen Pt F.
- Noise Observation Points (NOI):**
 - NOI_06: Located near Eastlake Ave E and Franklin Ave E.
 - NOI_01, NOI_02, NOI_03: Located near Boyer Ave E and E Hamlin St.
 - NOI_04: Located near Boyer Ave E and E Miller St.
 - NOI_05: Located near E Miller St and E Louisa St.
 - NOI_08: Located near E Louisa St and E Miller St.
 - NOI_09, NOI_07: Located near E Louisa St and E Miller St.
 - NOI_11: Located near E Hamlin St and E North St.
 - NOI_10A and NOI_10 Decommissioned: Located near E North St and E Louisa St.

[illegible]

SR 520 Portage Bay Bridge and Roanoke Lid Project

Major Public Project Construction Noise Variance

NOISE MONITORING - WEEKLY REPORT

Monday, July 20, 2026

to

Sunday, July 26, 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, July 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	57.9	58	57.8	50.7	49.9	53	53.7	58.1	60.9	N/A	N/A
M2 2619 11th Ave E	57	51.1	54.8	47.1	44.9	44.8	47	49.5	52.2	54.2	N/A	N/A
M3 2613 Boyer Ave E	62	58.8	56	50.8	48.9	47.8	49.8	52.8	57.5	60.6	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	62.9	60.2	57.2	55.5	54.4	56.1	59.7	65	65.4	N/A	N/A
M5 2411 Federal Ave E	70	57	57.2	54.5	50.6	50.3	52.4	54	56.3	57.6	N/A	N/A
M6 3113 Eastlake Ave E	66	72.2	69.7	67.9	66.2	66	67.3	68	71.3	72.3	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.8	58.6	54.5	51.5	52.3	54.8	54.3	58.7	60.2	N/A	N/A
M8-1633 E Calhoun St	60	55	55.2	50.4	49.5	49.4	50.3	51.9	55.1	55.9	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.4	58.3	54.5	52.8	51	52.3	55.6	59.4	60.5	N/A	N/A
M10 2510 E Lake Washington Blvd	67	52.8	58	48.1	45.2	44.7	47.3	46.5	53	54.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	59.9	57.6	53.3	51.2	49.8	51.7	55.2	59.3	61.3	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Transcon was removing poles Malcom was prepping pier 4 7152184-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, July 20, 2026 to Sunday, July 26, 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, July 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	57.4	55.1	54.1	53.2	51	52.7	55.3	59.4	65.1	N/A	N/A
M2 2619 11th Ave E	57	51.3	50.6	50.1	49.1	46.6	48.6	50.2	51.6	56.1	N/A	N/A
M3 2613 Boyer Ave E	62	57.2	56	54.3	52.9	51.7	51.3	54.2	57.5	60.2	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63.6	61.5	58.6	58	55.4	56.6	61	64.5	64.7	N/A	N/A
M5 2411 Federal Ave E	70	55.4	53.7	51.2	50.4	50.9	51.1	55.2	55.7	56.1	N/A	N/A
M6 3113 Eastlake Ave E	66	72.7	69.8	68.1	66.1	65.8	66.9	68.5	71.3	72.7	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60.9	56.9	52.6	52.2	51.5	55.1	55.7	58.4	61	N/A	N/A
M8-1633 E Calhoun St	60	57.9	54.2	50.4	49.6	49.6	51.1	52.5	55.1	56.7	N/A	N/A
M9-ROW near 1910 E Louisa St	60	61	57.6	52.9	52.9	52.1	53.2	56.2	59	60	N/A	N/A
M10 2510 E Lake Washington Blvd	67	59.7	52.7	49.2	47	47.3	47.1	49	53.1	54.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.5	57.5	53.2	53.1	52.1	52.9	55.6	58.5	60.8	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 potholing on 10th Ave Transcon was removing poles in the Roanoke area Malcom was prepping pier 4 7152184-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
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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, July 20, 2026 to Sunday, July 26, 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, July 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	59.2	55.6	55.9	55.1	52.9	53.4	53.5	58.3	61.2	N/A	N/A
M2- 2619 11th Ave E	57	52.8	50.5	49	46	46.3	45.4	47.8	50.7	53.7	N/A	N/A
M3- 2613 Boyer Ave E	62	64	63.8	62.2	64.2	63.2	62.9	60.6	57.4	60.4	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	62	60.3	57.7	56.2	56	57.7	59.7	64.7	65.9	N/A	N/A
M5- 2411 Federal Ave E	70	56.9	54	53.5	52.3	49.5	48.4	50.5	55.1	57.5	N/A	N/A
M6- 3113 Eastlake Ave E	66	72	70	67.6	67	67	67.7	68.8	71.1	72.6	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60	57.2	56.9	55.9	55.1	55.7	53.1	57.2	59.7	N/A	N/A
M8-1633 E Calhoun St	60	55.1	52.3	51.1	49.9	49.4	48.4	49.6	53.2	55.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.1	55.9	54.1	53.2	51.3	50.8	52.6	57.5	59.8	N/A	N/A
M10- 2510 E Lake Washington Blvd	67	55	52.3	50.3	49.3	45.7	45.2	47.2	51.5	54.6	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.9	57.4	~	53.9	52.7	53.5	55	60.3	63.6	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 potholing on 10th Ave Skanska was hauling out material at Boyer Hill Transcon was removing poles in the Roanoke area Apex was working on traffic signs on Montlake Malcom was prepping pier 4 7152184-NV Public Comments: No public comments at this time. Exceedances: Site(s): M3 was caused by work occurring near the monitor primarily caused by a light plant. Other 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, July 20, 2026 to Sunday, July 26, 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, July 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	58.4	57.8	57.2	55.1	52.9	51.9	52.7	57.4	59.3	N/A	N/A
M2 2619 11th Ave E	57	53.4	52.9	48.5	49.5	46.2	50	49.5	51.5	53.1	N/A	N/A
M3 2613 Boyer Ave E	62	63.5	63.9	62.5	62.9	62.9	63.3	63.3	65.5	60	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	62.6	62.3	59.2	57.9	56.6	56.5	59.9	64.3	65.3	N/A	N/A
M5 2411 Federal Ave E	70	56.9	57.8	53.6	51	51.6	53.1	51.8	55.5	55.2	N/A	N/A
M6 3113 Eastlake Ave E	66	72.4	70.7	69.2	67.8	66	67.2	68.7	71.2	72.5	N/A	N/A
M7-ROW near 2552 20th Ave E	72	61.4	60.8	59.1	57.2	58.4	58.4	57.7	58.3	57.7	N/A	N/A
M8-1633 E Calhoun St	60	56	56.1	51.4	50.8	49.8	51.4	52.6	54.1	55	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.6	60.2	55.4	53.1	52.3	52.7	53.8	56.5	58.1	N/A	N/A
M10 2510 E Lake Washington Blvd	67	53.5	51.9	47.3	46.2	44.1	48.7	48.3	52.3	53.3	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.3	58.1	54.7	52.1	51.2	53.6	54	57.3	59.9	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 potholing at pier 4 Skanska was hauling out material at Boyer Hill Malcom was prepping pier 4 7152184-NV Public Comments: No public comments at this time. Exceedances: Site(s): M3 was caused by work occurring near the monitor primarily caused by a light plant. Other 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 20, 2026 to Sunday, July 26, 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

Friday, July 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	59.3	57.1	55.8	55.2	52.8	50.4	52.4	56.1	59.4	59.8	63.1
M2 2619 11th Ave E	57	53	50.9	49.4	43.8	42.7	43	47.2	48.3	50.6	53.5	55.6
M3 2613 Boyer Ave E	62	64	62.8	62.1	62.4	62.3	61.2	63.4	61.5	55.6	63.3	65.1
M4-Portage Bay Condos 2524 Boyer Ave	66	64.3	60.3	55.7	54.1	54.5	52.7	54.6	55.4	57.8	63	65.2
M5 2411 Federal Ave E	70	56.2	53.6	52.2	50.1	48.9	47.2	48.8	52	54.2	56.2	58.2
M6 3113 Eastlake Ave E	66	73.1	71.9	~	67.3	66.9	66.3	65.5	68.6	77.2	71.5	72.4
M7-ROW near 2552 20th Ave E	72	61	59.5	61.3	55.8	57.6	55.7	59	53.9	56.7	57.3	59.5
M8-1633 E Calhoun St	60	55	53.3	54	48.4	48.1	47.9	50.1	50.6	52.7	55.2	57
M9-ROW near 1910 E Louisa St	60	59	56	55.2	49.6	48.8	47.2	49.8	50.1	54.1	57.5	59.6
M10 2510 E Lake Washington Blvd	67	52.6	53.7	49.3	45.1	39.8	41.1	46.3	47.4	50.3	52.7	54.9
M11-NOAA 2725 Montlake Blvd	67	60.5	56.5	54.9	50.7	49.3	48.6	50.6	51.8	56	62.3	65.3
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Skanska was hauling out material at Boyer 7152184-NV												
Public Comments: No public comments at this time.												
Exceedances: Site(s): M3 was caused by work occurring near the monitor primarily caused by a light plant. Other 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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= 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 20, 2026 to Sunday, July 26, 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

Saturday, July 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	59.4	58.3	56.2	56.9	53	50.1	51.1	54.5	56.7	59.1	60
M2 2619 11th Ave E	57	52.6	52	51.4	48	45.9	45.6	46.5	49.3	52	55.2	54.9
M3 2613 Boyer Ave E	62	64.2	64.1	63.7	62.8	64.1	63.4	63.8	54.8	56.7	59.2	60
M4-Portage Bay Condos 2524 Boyer Ave	66	64.9	63.7	62.7	60.3	59.8	57.3	57.1	59	61.2	62.4	64
M5 2411 Federal Ave E	70	56.4	55.8	53.9	55.4	48.6	47.5	48.3	51.8	54	56.6	57.3
M6 3113 Eastlake Ave E	66	73.3	71.9	69.8	67.5	66.8	65.3	65.2	66	68.2	69.6	71
M7-ROW near 2552 20th Ave E	72	61.6	60.2	61.6	59.5	58.5	57	56.6	52.5	54.3	56.4	58.3
M8-1633 E Calhoun St	60	54.9	54.2	53.6	50.4	48.9	48.5	49.7	50.7	52.9	55.3	55.9
M9-ROW near 1910 E Louisa St	60	60.7	58.6	57.6	54.7	53.4	51.9	51.7	53.4	54.9	57	58
M10 2510 E Lake Washington Blvd	67	53	51	51.3	45.3	42.5	41	44.7	47	49.6	51.9	53.8
M11-NOAA 2725 Montlake Blvd	67	62.9	60.3	58.4	56	54.7	53.2	53	54.8	57.3	60	61.2
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Skanska was hauling out material at Boyer 7152184-NV Public Comments: No public comments at this time. Exceedances: Site(s): M3 was caused by work occurring near the monitor primarily caused by a light plant. Other exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors. Non-Compliance: None.												

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Monday, July 20, 2026 to Sunday, July 26, 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, July 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	58.3	55.9	53.9	51.6	48.3	50.4	53.1	57.7	62.1	N/A	N/A
M2 2619 11th Ave E	57	53	50.6	48.2	46.5	44.3	45.1	48.1	52	53.2	N/A	N/A
M3 2613 Boyer Ave E	62	58.3	56	54	52.4	49.9	50.1	54.9	57.3	60.2	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63	60.6	57.7	57.1	53.7	55	63.7	63.8	65.6	N/A	N/A
M5 2411 Federal Ave E	70	55.9	53.9	51.6	49.7	46.2	48.4	51.1	54.6	56.7	N/A	N/A
M6 3113 Eastlake Ave E	66	72.4	71.3	~	65.6	66.2	66.4	68.3	71.5	72.8	N/A	N/A
M7-ROW near 2552 20th Ave E	72	56.5	54.4	~	49.7	46.6	47.4	52	55.7	58.5	N/A	N/A
M8-1633 E Calhoun St	60	54.4	53.1	51.1	49.5	48.2	49.2	51.2	53.3	55.1	N/A	N/A
M9-ROW near 1910 E Louisa St	60	57.2	55.9	53.9	52.9	47.7	49.3	53.6	56.4	58.8	N/A	N/A
M10 2510 E Lake Washington Blvd	67	52	48.5	~	43.1	41.9	41.6	44.8	51.1	53.3	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.2	57.3	~	52.6	49.9	51.1	54.8	58.5	62.3	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Malcom was prepping pier 4 7152184-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.												

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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 20, 2026 to Sunday, July 26, 2026

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution