



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 3, 2026** to **Sunday, August 9, 2026**

PUBLISHED August 12, 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: **551**

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	73

PROJECT TOTALS TO DATE

Total Nights Worked (under the MPPCNV)	265
Total Project related non-compliance	6
Total noise issue comments to the project	31
Total non-project related exceedances	4413
Total TNV permits to date	15

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

- Water Bodies:** Portage Bay, Lake Washington, 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 Highway 520.

SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, August 3, 2026 to Sunday, August 9, 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 3, 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	56.4	54	52.5	51.6	52.1	54.1	58.1	60.8	N/A	N/A
M2 2619 11th Ave E	57	52	52.6	50.7	49.4	48.2	49.6	51.7	54.8	54.2	N/A	N/A
M3 2613 Boyer Ave E	62	63.8	58.2	55.8	53.9	52.5	53.9	55.5	59	61.5	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63.5	63.6	59.5	57.8	56.1	58.1	60.8	64.6	66.4	N/A	N/A
M5 2411 Federal Ave E	70	57.5	54.9	52.8	53	51.9	50.7	53	55.4	56.5	N/A	N/A
M6 3113 Eastlake Ave E	66	71.8	71	68.5	66.9	66.8	67.3	68.7	71.4	73.2	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.3	56.8	55.3	52.2	50.7	51.4	53	57.3	59.9	N/A	N/A
M8-1633 E Calhoun St	60	54.7	54.3	51	52.2	49.9	49.3	50.6	53.6	57.3	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.6	58.3	56.2	54.3	52.6	53.4	55	58.5	60.1	N/A	N/A
M10 2510 E Lake Washington Blvd	67	52.5	52.7	49.1	48	45.7	45.4	46.8	52.7	55.2	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.5	58.2	56.8	53.1	52	53.4	53.9	59.3	62.2	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing MOT Transcon was working in area 9 Malcom was prepping shafts at pier 4 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 3, 2026 to Sunday, August 9, 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

Tuesday, August 4, 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	56.1	53.3	51.7	50.1	50.6	53.5	57.1	64.7	N/A	N/A
M2 2619 11th Ave E	57	51.3	50.9	48.8	47.5	46.2	48	49.9	51.4	55.6	N/A	N/A
M3 2613 Boyer Ave E	62	57.8	56.4	54	52.1	51	52.5	54.2	57	60.8	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63.9	63.9	58.8	56.9	56.5	57.2	60.1	64.2	65	N/A	N/A
M5 2411 Federal Ave E	70	56.6	55.5	52.5	51	51.8	50.6	52	55.7	57.3	N/A	N/A
M6 3113 Eastlake Ave E	66	72.2	71.6	69.1	66.6	66.4	67.1	69.1	71.5	73.2	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.9	59.6	54	52.7	52.6	53.6	53.9	58.5	59.9	N/A	N/A
M8-1633 E Calhoun St	60	55.4	55.4	51.4	48.5	48.3	49.3	50.6	54.8	56.6	N/A	N/A
M9-ROW near 1910 E Louisa St	60	60.6	60.4	55.8	53.7	53.3	53.5	54.9	59.4	60.4	N/A	N/A
M10 2510 E Lake Washington Blvd	67	53	51.8	47.9	46.2	46	45.8	47.4	53.8	55	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.5	60.1	55.4	54.2	53.1	53.6	54.4	59.5	62	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing MOT Transcon was removing poles in area 9 Malcom was prepping shafts at pier 4 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).

Monday, August 3, 2026 to **Sunday, August 9, 2026** **10 pm to 7 am (weekdays) / 9am (weekends)**

Wednesday, August 5, 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	56.3	53.1	51.7	49.8	51.1	53.6	56.9	62.7	N/A	N/A
M2- 2619 11th Ave E	57	51.5	49.6	48.6	48.3	46.9	46.9	48.4	50.8	52.6	N/A	N/A
M3- 2613 Boyer Ave E	62	57.9	55.9	53.4	53.6	51.8	51.5	54	57.1	60.4	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	63.9	61.6	59.1	58.2	56.4	57.5	61.2	66	66.6	N/A	N/A
M5- 2411 Federal Ave E	70	56.3	55	52.9	51.2	49.1	50.2	52.9	54.6	57.8	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.3	70.1	68.5	66.7	66.5	67.2	68.5	71.5	72.7	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60.8	59.2	55.4	53.4	51.5	52	54.8	58.5	60.8	N/A	N/A
M8-1633 E Calhoun St	60	55.5	53.3	50.8	49.1	46.6	47.3	49.7	53.6	56	N/A	N/A
M9-ROW near 1910 E Louisa St	60	61	58.7	55.9	54.5	52.3	53.8	57.5	59.1	61	N/A	N/A
M10- 2510 E Lake Washington Blvd	67	53.7	51	48.3	47.9	45.7	45.8	48.1	52.2	54.7	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.9	58.5	~	54.6	52.3	54.1	55.1	59.3	62.2	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska / Grady was hauling out material in area 8 Transcon was removing poles in area 9 Malcom had a concrete pour at pier 5 Malcom was prepping shafts at pier 4												
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).

Monday, August 3, 2026 to Sunday, August 9, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

Thursday, August 6, 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	56.7	55.3	53.4	52.8	50.8	50.7	51.5	56.5	58.7	N/A	N/A
M2 2619 11th Ave E	57	50.7	50.8	49.4	48.7	49.8	48.9	48.4	49.4	51.4	N/A	N/A
M3 2613 Boyer Ave E	62	57.7	56.6	54.9	52.8	53.9	52.3	52.7	56.2	59.1	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	64	61.8	59.6	58	57.3	57	59.6	63.5	64.1	N/A	N/A
M5 2411 Federal Ave E	70	55.8	54.2	51.6	51.2	50.2	48.3	51	53.6	55.7	N/A	N/A
M6 3113 Eastlake Ave E	66	72.3	70.1	67.9	66.8	65.8	66.3	68.6	70.8	72.7	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.6	57.4	55.3	59.3	51.7	51.4	53.6	57.5	59.3	N/A	N/A
M8-1633 E Calhoun St	60	55	53.6	51.7	51.2	50.5	49.7	50.8	53.6	55.5	N/A	N/A
M9-ROW near 1910 E Louisa St	60	59.8	58.1	55.9	55	53.2	52.1	54.5	58.2	59.7	N/A	N/A
M10 2510 E Lake Washington Blvd	67	53.4	50.4	48.2	47.1	48.8	43.1	45.7	51.6	54.2	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.1	58.9	56.1	53.2	52.3	51.9	53.8	58.2	60.4	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: 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, August 3, 2026 to Sunday, August 9, 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 7, 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	59.1	57.8	56.5	56.2	53.4	52.4	55.9	55.1	57.3	58.5	60.2
M2 2619 11th Ave E	57	54.6	53.5	51.4	52.4	50.1	47.6	45.9	51.2	52.7	52.2	54
M3 2613 Boyer Ave E	62	59.4	58.6	56.1	54.9	53.3	51.4	51.4	54.2	57.4	58.8	60.1
M4-Portage Bay Condos 2524 Boyer Ave	66	65	64.7	62.2	60.4	59.5	56.5	57.8	60.4	63.5	64.6	65.3
M5 2411 Federal Ave E	70	57.2	56.2	54.9	54.5	52.4	50	50.4	52.7	55.7	55.6	57.2
M6 3113 Eastlake Ave E	66	72.8	72.6	~	68.7	69.1	66.9	66.4	67.7	70.2	71.8	72.6
M7-RROW near 2552 20th Ave E	72	59.5	59.2	57.5	55.9	54.2	53.2	53.4	56.6	57.1	59	59.9
M8-1633 E Calhoun St	60	56.6	55.6	52.5	51.8	50.1	48.8	48	51.2	54.4	55.3	56.6
M9-RROW near 1910 E Louisa St	60	60.8	59.9	58	57.1	55.2	53.6	53.5	55.8	57.9	59.5	60.5
M10 2510 E Lake Washington Blvd	67	54	52.8	50	48.6	46.8	45.5	45.2	48.5	51.6	53	54.5
M11-NOAA 2725 Montlake Blvd	67	60.7	60.3	57.1	55.5	53.8	53.4	52	54.9	58.2	60.9	61.2
*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:												

$L_{eq} = L_{eq}$ means the equivalent sound level, which is the constant sound level in a given time period.

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Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

Yellow = Noise Level Exceedance, covered by TNV

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SR 520 Portage Bay Bridge and Roanoke Lid Project

Major Public Project Construction Noise Variance

NOISE MONITORING - WEEKLY REPORT

Monday, August 3, 2026

to

Sunday, August 9, 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 8, 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	59.1	57.4	56	56.8	52.6	51.3	49.5	52.1	55.8	58.3	59.9
M2 2619 11th Ave E	57	51.4	49.6	49.1	46.3	45.6	44.3	44.2	45.7	51.2	54.3	56.6
M3 2613 Boyer Ave E	62	58.2	56.7	55.8	52.5	51.8	50	49.6	51.1	55.8	58.6	60.2
M4-Portage Bay Condos 2524 Boyer Ave	66	63.6	63.5	63.3	58.2	52.9	50.8	50.9	54.9	60	62	63
M5 2411 Federal Ave E	70	54.3	54	53.1	52.7	51.8	50.1	50	52.6	54.3	55.9	57.3
M6 3113 Eastlake Ave E	66	74	72.4	70.3	69	68.1	65.1	64.7	66.8	69.4	70	71.6
M7-ROW near 2552 20th Ave E	72	58.9	56.9	54.9	59.5	51.4	50.2	49.9	51.1	54.5	56.9	58.4
M8-1633 E Calhoun St	60	52.2	50.9	50.5	48.2	47.4	46	45.9	48.2	53.3	55.5	56.4
M9-ROW near 1910 E Louisa St	60	57.2	56.2	54.4	53	51.1	49.8	49.6	51.6	54.7	56.9	58.2
M10 2510 E Lake Washington Blvd	67	51.5	50	48.3	46	44.4	44.5	43	46.1	50	53.5	55
M11-NOAA 2725 Montlake Blvd	67	57	55.8	54.2	51.4	50.8	49.2	49.5	51	54.7	57.2	59
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was repairing an expansion joint Skanska was providing traffic control 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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N/A = Time Period not applicable to MPPCNV

Red = Noise Level Exceedance, 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, August 3, 2026

to

Sunday, August 9, 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 9, 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	56.8	60.1	54.1	51	47.6	49.3	51.8	57.9	63.7	N/A	N/A
M2 2619 11th Ave E	57	52	50	49.7	46.5	44.8	45.6	47.3	52.6	54.6	N/A	N/A
M3 2613 Boyer Ave E	62	58.9	56.3	54.5	51.8	49.7	50.4	52.9	57.7	61.4	N/A	N/A
M4-Portage Bay Condos 2524 Boyer Ave	66	64.2	62	60.5	56.9	55.4	55.8	58.9	63.8	69.1	N/A	N/A
M5 2411 Federal Ave E	70	54.1	54.6	52.7	49.2	48	47.6	49.8	54.2	57	N/A	N/A
M6 3113 Eastlake Ave E	66	69.6	70.1	~	66.6	66	66.9	68.4	71.5	72.8	N/A	N/A
M7-ROW near 2552 20th Ave E	72	56.1	55	~	51.8	47.6	48.4	50	55.4	59	N/A	N/A
M8-1633 E Calhoun St	60	54.3	52.1	51.6	47.3	45.6	45	48	54	56.4	N/A	N/A
M9-ROW near 1910 E Louisa St	60	56.6	55	54.1	50.4	49.6	49.5	51.5	56.1	59	N/A	N/A
M10 2510 E Lake Washington Blvd	67	51.1	48.9	~	49.6	41.6	40.2	45.1	52.2	54.4	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	57.1	55.3	~	50.3	49.5	49.4	51.6	56.8	60.6	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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NOISE MONITORING - WEEKLY REPORT

Monday, August 3, 2026 to Sunday, August 9, 2026

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution