

**SR520 I5 Mercer Street to SR520 Portage Bay - I5 Interchange Improvements
Major Public Project Construction Noise Variance - #6733975-NV**

NOISE MONITORING - WEEKLY REPORT

Monday, June 17, 2024 to Sunday, June 23, 2024 10 pm to 7 am (weekdays)/ 9am (weekends)

The table below includes data gathered from noise monitoring equipment in the Project area

Saturday, June 22, 2024													
Site	Site limit (dBA)	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am	
M1 - 624 Yale Ave N	1 Hr Leq	72	69.6	69.2	68.8	65.9	66.1	63.4	64.0	65.6	66.8	67.9	69.3
	1 Hr L1	82	72.4	72.4	72.2	70.4	70.5	67.1	67.1	68.5	70.8	71.5	72.5
M2 - 1547 Boylston Ave E	1 Hr Leq	74	73.5	74.5	75.1	73.8	73.2	71.5	71.1	72.2	73.4	75.5	76.3
	1 Hr L1	84	76.2	76.6	77.0	76.2	75.9	74.4	74.4	75.1	76.1	77.9	78.1
M4 - 3625 Federal Ave E	1 Hr Leq	70	61.6	59.6	58.2	56.4	54.7	52.6	56.4	54.5	57.2	59.1	61.2
	1 Hr L1	80	63.9	62.2	60.1	59.1	58.0	55.9	56.8	57.9	60.3	62.0	63.8
M5 - E Roanoke St & 10th Ave E	1 Hr Leq	71	64.8	64.0	64.0	60.2	59.0	56.4	57.6	58.8	62.1	63.3	65.0
	1 Hr L1	81	68.2	66.7	64.9	63.4	62.0	59.0	60.5	62.0	65.5	67.1	68.4
M6 - 3125 Eastlake Ave E	1 Hr Leq	66	78.2	70.6	62.8	61.8	60.8	59.6	60.2	61.6	63.1	64.6	75.3
	1 Hr L1	76	80.6	75.1	64.5	63.8	63.2	62.1	62.9	63.9	65.2	66.5	79.0
Mobile - 2411 Boylston Ave E	1 Hr Leq	71	73.2	71.6	70.6	69.0	68.0	67.0	68.1	69.2	71.1	72.5	72.8
	1 Hr L1	81	75.0	73.7	72.7	71.6	70.3	68.9	70.2	71.4	73.1	74.7	74.8

Notes recorded by the on-site Independent Noise Monitor

Work:
No work during MPPCNV hours

Public Comments:
None.

Exceedances:
Site(s) M1, M2, M6 & Mobile exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors.

Non-Compliance Events:
None.

Legend
 N/A = Time Period not applicable to MPPCNV
 Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.
 L1 = L1 means the Sound level exceeded for 1 percent of the measurement duration (i.e., 36 seconds per hour)
 Red = Noise Level Exceedance (Project Related)
 Blue = Noise Level Exceedance (Not Project Related)
 ~ = No Data Available

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Sunday, June 23, 2024													
Site	Site limit (dBA)	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am	
M1 - 624 Yale Ave N	1 Hr Leq	72	68.6	68.6	66.0	63.0	62.8	62.5	65.4	69.0	70.3	N/A	N/A
	1 Hr L1	82	72.4	~	70.2	66.6	65.0	63.9	68.3	72.2	73.7	N/A	N/A
M2 - 1547 Boylston Ave E	1 Hr Leq	74	75.5	75.1	73.8	72.2	71.1	71.8	74.2	77.3	78.3	N/A	N/A
	1 Hr L1	84	77.1	77.1	76.3	75.2	74.6	75.2	77.2	79.4	79.9	N/A	N/A
M4 - 3625 Federal Ave E	1 Hr Leq	70	60.7	58.9	56.1	52.5	50.2	49.4	54.8	60.2	62.2	N/A	N/A
	1 Hr L1	80	63.6	61.4	59.1	55.6	53.5	52.6	58.3	63.1	64.2	N/A	N/A
M5 - E Roanoke St & 10th Ave E	1 Hr Leq	71	63.4	61.3	58.9	55.9	53.0	53.6	58.4	62.6	64.8	N/A	N/A
	1 Hr L1	81	67.1	64.8	61.9	57.7	55.2	55.8	61.4	65.1	67.3	N/A	N/A
M6 - 3125 Eastlake Ave E	1 Hr Leq	66	75.1	68.5	62.6	59.4	59.2	60.6	63.4	79.0	80.1	N/A	N/A
	1 Hr L1	76	78.7	72.4	63.7	62.3	62.7	64.0	66.0	82.1	82.4	N/A	N/A
Mobile - 2411 Boylston Ave E	1 Hr Leq	71	71.7	70.2	68.0	66.2	65.8	67.5	71.1	73.9	74.6	N/A	N/A
	1 Hr L1	81	74.1	72.4	71.7	68.6	68.2	69.6	73.2	75.8	76.3	N/A	N/A

Notes recorded by the on-site Independent Noise Monitor

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No work during MPPCNV hours

Public Comments:
None.

Exceedances:
Site(s) M1, M2, M5, M6 & Mobile exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors.

Non-Compliance Events:
None.

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N/A = Time Period not applicable to MPPCNV
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Public Comment Log			
Date / Time	To/From	Issue	Resolution