



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 14, 2026** to **Sunday, September 20, 2026**

PUBLISHED September 23, 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: **593**

Impact work days to date: **0**

WEEKLY TOTALS

Nights worked this week (under the MPPCNV)	5
Project related non-compliance this week	1
Nighttime noise issue comments to the project	6
Non-project-related noise exceedances this week	70

PROJECT TOTALS TO DATE

Total Nights Worked (under the MPPCNV)	295
Total Project related non-compliance	8
Total noise issue comments to the project	45
Total non-project related exceedances	4805
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



SR 520 Portage Bay Bridge and Roanoke Lid Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, September 14, 2026 to Sunday, September 20, 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, September 14, 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	58.1	56.1	53.4	51.1	51.4	50.9	54.4	58.3	59.9	N/A	N/A
M2- 2619 11th Ave E	57	53.3	52.7	49.6	45.8	49.1	49.8	50.3	51.2	52.4	N/A	N/A
M3- 2613 Boyer Ave E	62	58.1	56.7	53.2	50.9	51.9	52.8	54.6	58	62.9	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.8	56.6	54.4	50.5	52.9	53.8	55.1	57.7	60.3	N/A	N/A
M5- 2411 Federal Ave E	70	57.1	55.2	53.6	50.8	48.7	49.4	51.9	52.9	55	N/A	N/A
M6- 3113 Eastlake Ave E	66	71.2	70.7	68	66	65.6	66.7	69.1	71.7	73.1	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60.1	58.8	55.8	52.5	55.4	56	57.5	59.1	60.8	N/A	N/A
M8-1633 E Calhoun St	60	56.5	56	53.9	48.7	50.4	50	51.2	50.4	53.8	N/A	N/A
M9-ROW near 1910 E Louisa St	60	64	64.2	59.3	56.3	61.3	62.1	61.1	57.7	60.1	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	52.5	50	49.3	46.3	46.8	46.2	49.9	51.7	53.8	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.2	59.1	55.3	52.5	57.6	58.1	58.8	58.7	62	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Penhall was demoing Montlake offramp Transcon was relocating conduit 7161404-NV Public Comments: 3 public comments. Please see log for details Exceedances: Site(s): M9 exceedances are from sawcutting on the Montlake exit All other exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors Non-Compliance: A full tone was used on a forklift during the Montlake ramp demolition.												

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 14, 2026 to Sunday, September 20, 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 15, 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	55.8	55.1	55	52	52.4	54.8	58.8	65	N/A	N/A
M2- 2619 11th Ave E	57	51.5	51.5	51.4	50.2	48.7	48.7	49.9	50.6	56.1	N/A	N/A
M3- 2613 Boyer Ave E	62	57.9	57.1	55.3	54	53	53.2	55.2	57	62.8	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	59.7	58.9	59.1	53.5	54.8	57.6	54.5	56.5	60.5	N/A	N/A
M5- 2411 Federal Ave E	70	56.9	54.1	53.7	51.5	52.3	53.1	53.9	56.8	57.4	N/A	N/A
M6- 3113 Eastlake Ave E	66	71.8	70.3	67.5	66.7	66.8	67.1	69.2	71.9	73.3	N/A	N/A
M7-ROW near 2552 20th Ave E	72	59.5	59	58.2	56	57.1	61.7	57.2	59.8	63.1	N/A	N/A
M8-1633 E Calhoun St	60	57.5	55.9	56.2	52.5	53.9	60.6	52.7	54.2	60	N/A	N/A
M9-ROW near 1910 E Louisa St	60	64.3	65.8	66.8	61.3	62.1	68.8	61.2	62	63.6	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	52	50.8	49.4	48.3	48.7	48.4	50.1	53.1	55.6	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.4	61	60.3	57	57.1	61.3	57.8	60.1	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 Penhall was demoing Montlake offramp Transcon was relocating conduit 7161404-NV Public Comments: No public comments at this time. Exceedances: Site(s): M9 exceedances are from sawcutting on the Montlake exit All other 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 14, 2026 to Sunday, September 20, 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 16, 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	58.5	56.4	54.9	53	51.9	53.9	55.4	59	60.9	N/A	N/A
M2- 2619 11th Ave E	57	52.2	50.8	50.4	49.3	48.1	49.3	50.9	53	54.5	N/A	N/A
M3- 2613 Boyer Ave E	62	58.7	57.5	54.1	53.4	52	52.4	55.5	59.1	62.7	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	58.8	57.7	54.9	55.2	52	52.5	55.1	58.4	60.6	N/A	N/A
M5- 2411 Federal Ave E	70	59.4	55.5	55	52.6	53	54.2	52.7	55.3	56	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.3	70.5	68.4	66.2	66.6	67.6	68.9	72	73.5	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60.4	58.6	57	56.5	57.5	55.8	57.8	59.7	61.6	N/A	N/A
M8-1633 E Calhoun St	60	55.6	56.7	54.1	56	53.1	51.5	51.4	54.4	57	N/A	N/A
M9-ROW near 1910 E Louisa St	60	61.6	62.4	60.8	60.6	61.2	58.7	58.7	60.8	61.6	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	54.1	49.8	48	49.4	49.6	49.4	50.4	53.6	54.9	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.6	59.3	~	56.4	56.5	55.6	56.6	59.8	62.9	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Penhall was demoing Montlake offramp Transcon was relocating conduit Malcom was pouring concrete 7161404-NV Public Comments: No public comments at this time. Exceedances: Site(s): M9 exceedances are from sawcutting on the Montlake exit All 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

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 14, 2026 to Sunday, September 20, 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 17, 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	58.1	57.6	54.2	52.5	51	51.8	54.1	59	61.1	N/A	N/A
M2- 2619 11th Ave E	57	53.1	52.9	51.7	49	46.7	48.6	49.8	50.7	51.6	N/A	N/A
M3- 2613 Boyer Ave E	62	59.1	57.6	55.6	52.8	51.3	52.3	55.3	57	62.1	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	61.9	58.5	54.8	52	50.7	52.3	55	56.2	59	N/A	N/A
M5- 2411 Federal Ave E	70	56.1	55.1	50.5	49.3	48.4	49	51.8	53.7	54.8	N/A	N/A
M6- 3113 Eastlake Ave E	66	72.5	70.8	68.8	67.6	67.3	67.4	69.6	71.5	73.2	N/A	N/A
M7-ROW near 2552 20th Ave E	72	60.4	58.8	56.1	54.9	53.5	55.4	58.6	60.1	60.1	N/A	N/A
M8-1633 E Calhoun St	60	56.8	54.6	52.5	51	50	52.7	55.3	53	52.1	N/A	N/A
M9-ROW near 1910 E Louisa St	60	64.4	62.4	61.7	61	61.3	65	66.8	66.3	61.1	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	54.9	51.7	48	47.8	47	48.6	49.9	52.1	51.5	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	61.8	59.4	56.8	55.5	53.5	56.8	59.1	61.8	62.7	N/A	N/A
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Penhall was demoing Montlake offramp Transcon was relocating conduit 7161404-NV Public Comments: 2 public comments. Please see log for details. Exceedances: Site(s): M9 exceedances are from sawcutting on the Montlake exit All 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

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 14, 2026 to Sunday, September 20, 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 18, 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	59.7	58	59.4	55.2	52	51.9	54.2	55.1	58.6	62	61.1
M2- 2619 11th Ave E	57	52.1	51.4	50.6	50.5	48.2	50.5	48.5	49.9	53	52.7	55.1
M3- 2613 Boyer Ave E	62	58.9	58.6	55.5	55.6	53.1	53.7	52	54.8	58.4	59.6	62.9
M4A- ROW near 2518 Everett Ave	66	58.8	60	56	56.2	53.2	54	52.7	54	57	58.1	60.2
M5- 2411 Federal Ave E	70	56.5	55.5	55.3	53.9	51	49.5	50.6	52	54.8	57.3	56.9
M6- 3113 Eastlake Ave E	66	73.4	72.6	~	69.1	68.4	67	66.5	68.4	70.2	72.3	73.5
M7-ROW near 2552 20th Ave E	72	63.8	64.2	60.5	58.3	59.1	59.9	59.4	56.6	58.2	58.9	60
M8-1633 E Calhoun St	60	58.5	59	54.9	54.8	52.2	53.7	52.8	52	53.6	52.2	55
M9-ROW near 1910 E Louisa St	60	68.6	70.4	64.8	61.6	60.7	61.4	60.8	60.9	62.1	59.4	59.9
M10A- 2510 E Lake Washington Blvd	67	54.3	55.6	51.3	52.2	47.4	47.8	49.8	50.7	52.3	52.8	54.5
M11-NOAA 2725 Montlake Blvd	67	63.6	63.2	60.3	58.2	56.1	57	57.4	57	60.1	61.3	63
*Hourly-Average Leq (dBA)												
Notes recorded by the on-site Independent Noise Monitor												
Work: Skanska was providing traffic control Penhall was demoing Montlake offramp 7161404-NV Public Comments: 1 public comment. See log for details. Exceedances: Site(s): M9 exceedances are from sawcutting on the Montlake exit All 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

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 14, 2026 to Sunday, September 20, 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, September 19, 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	55.7	54.3	53.6	51.7	51.5	54.4	56.8	58.1	60.8
M2- 2619 11th Ave E	57	53.8	53	50.1	48.4	48.1	48.2	47.8	50.5	53	53.8	54.7
M3- 2613 Boyer Ave E	62	59.6	58.5	56	53.7	53.1	52.7	52.4	54.9	57.9	58.8	60.4
M4A- ROW near 2518 Everett Ave	66	60.6	59.5	57	55.6	54.3	53.6	52	54.8	57.5	58.5	60.1
M5- 2411 Federal Ave E	70	57.6	56.5	55.2	54.5	54.1	50.4	49.6	51.9	53.6	55.5	57.2
M6- 3113 Eastlake Ave E	66	73.8	73.2	70.8	68.7	68.8	66.3	65.9	66.7	68.8	71	72.2
M7-ROW near 2552 20th Ave E	72	61	59.6	57.8	56	54.9	51.7	52.2	54.5	55.3	57.2	58.7
M8-1633 E Calhoun St	60	57.1	56	53.2	52.1	50.6	49.3	47.5	50.8	52.6	54.4	56.1
M9-ROW near 1910 E Louisa St	60	61.7	60.5	58.6	57.4	55.9	53.3	52.9	55.2	56.1	57.5	58.8
M10A- 2510 E Lake Washington Blvd	67	54.7	53.8	51.7	50.6	50.1	50.1	49.7	51.4	52.4	53.4	54.8
M11-NOAA 2725 Montlake Blvd	67	63.5	61.9	58.9	56.9	55.8	52	52.7	54.6	56.7	58.5	60.1
*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

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Yellow = Noise Level Exceedance, covered by TNV

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Monday, September 14, 2026 to Sunday, September 20, 2026 10 pm to 7 am (weekdays) / 9am (weekends)

Sunday, September 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	56.1	55.1	52.8	51	49.4	50	53.6	58.8	60	N/A	N/A
M2- 2619 11th Ave E	57	49.4	50	48.1	46.2	45.7	46	48.6	52.6	55	N/A	N/A
M3- 2613 Boyer Ave E	62	57.2	56.4	53.7	51.1	50.1	50.8	54.1	57.8	62.1	N/A	N/A
M4A- ROW near 2518 Everett Ave	66	57.7	56.9	55	51.7	50.4	51.4	55.1	58.3	60.1	N/A	N/A
M5- 2411 Federal Ave E	70	54.4	53.8	52.5	51.5	49.5	51.3	53.2	53.8	54.8	N/A	N/A
M6- 3113 Eastlake Ave E	66	71.8	72.2	~	66.8	65.8	66.5	69.2	71.7	73.1	N/A	N/A
M7-ROW near 2552 20th Ave E	72	58.1	56.7	~	52.1	50	50.5	53.3	57.5	60.4	N/A	N/A
M8-1633 E Calhoun St	60	53.7	53.2	51	47.6	46.4	46.7	51.5	52.7	55.8	N/A	N/A
M9-ROW near 1910 E Louisa St	60	58.8	57.5	55.6	53.4	51.3	52.2	55.1	57.7	59.9	N/A	N/A
M10A- 2510 E Lake Washington Blvd	67	50.8	50	~	47.8	47.2	47.7	50.5	53	54.7	N/A	N/A
M11-NOAA 2725 Montlake Blvd	67	60.2	57.9	~	52.7	50.5	51.5	53.9	58.6	60.8	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.												

= 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 14, 2026 to Sunday, September 20, 2026

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution
9/14/2026 11:04pm	Hotline/ John O.	The neighbor called to complain that full tone alarms were being used. Investigation: A forklift with a full tone alarm was being used on the worksite. It contributed to a Leq exceedance at M9	Once the full tone alarm was discovered, the alarm was disabled and allowed to remain of on site. The non-compliance and complaint was reported to SDCI. An ECAP was issued.
9/15/26 3:17am	Email/ Michael C.	The neighbor emailed to complain that he was hearing a hum that was preventing him from sleeping. Investigation: There were no exceedances and no work was taking place in the area. The noise from the sawcutting was audible at low levels but does not match the sounds provided. The source of the noise is unknown.	The comms team reached out and asked to have him call if he heard the noise again. The comment was reported to SDCI.
9/15/26 03:49 pm	Hotline/ Jennifer R.	A neighbor called to complain that she heard a humming vibration that kept her awake from 2am-5am. She wanted to know what it was. Investigation: There were no exceedances recorded and no work was being performed in the area. The source of the noise is unknown.	The comment was reported to SDCI.
9/17/26 10:30am	Hotline/ Laura G.	A neighbor called to complain about the noise she was hearing from the past few nights. She had been hearing saws and has been unable to sleep Investigation: Crews were demolishing the existing Montlake offramp using concrete sawcutting to break apart the ramp. There have been multiple exceedances in the area. The work being performed is covered under a TNV	The comms team explained that the work being done was covered under the TNV and there are hotel rooms available is she wants one. The comment was reported to SDCI
9/18/26 1:00am	Hotline/ Liana A. S.	The neighbor called to report noise that could be heard from the Montlake Playfield area. Investigation: Crews were demolishing the existing Montlake offramp using concrete sawcutting to break apart the ramp. There have been multiple exceedances in the area. The work being performed is covered under a TNV.	The comment was reported to SDCI.
9/18/26 8:32pm	Hotline/ Melinda E.	The neighbor called to report loud sawcutting coming from the Montlake area and wanted to know when it was going to stop. Investigation: Crews were demolishing the existing Montlake offramp using concrete sawcutting to break apart the ramp. There have been multiple exceedances in the area. The work being performed is covered under a TNV.	The comms team explained that the work was going to continue until 8:30 on Saturday and then continue on nights the following week. They also informed her of the availability of hotel rooms.