Southwest Metro Corridor and Bankstown Early Works Construction Monitoring Report 6 September 2023 - February 2024

SMCSWSSJ-JHL-WEC-EM-REP-000030

Document and Revision History

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Rev A	05/03/2024	Initial Issue	Zhengyi Zhang	Chris McCallum
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Management reviews

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Compliance Matrix

Condition	Requirement	Reference
C14	The results of the Construction Monitoring Programs must be submitted to the Planning Secretary, and relevant regulatory agencies, for information in the form of a Construction Monitoring Report at the frequency identified in the relevant Construction Monitoring Program.	Section 1.1

1. Introduction

The Construction Monitoring Program is being implemented to monitor impacts on surrounding surface water quality resources and impacts from noise and vibration on the surrounding areas during the construction phase. The surface water monitoring program and noise and vibration monitoring program are also both designed to assess the effectiveness of the mitigation measures applied as part of the Southwest Metro Corridor Works (SMC) and Bankstown Early Works (BEW). This is the 6th construction monitoring report, the reporting periods for each document are as follows:

1. Construction monitoring report 001 for the period of March 2021 – August 2021
2. Construction monitoring report 002 for the period of September 2021 – February 2022
3. Construction monitoring report 003 for the period of March 2022 – August 2022
4. Construction monitoring report 004 for the period of September 2022 – February 2023
5. Construction monitoring report 005 for the period of March 2023 – August 2023
6. Construction monitoring report 006 for the period of September 2023 – February 2024

These reports are to be prepared 6 monthly until the completion of the project or when JHLORJV are no longer undertaking works in established monitoring areas.

1.1. Submission Requirements

In accordance with condition C14, the CMR will be submitted to the following agencies for information:

- City of Canterbury Bankstown
- Inner West Council
- New South Wales (NSW) Environment Protection Authority (EPA)
- NSW Department of Planning and Environment (DPE) (Formerly DPIE)

The Independent Environmental Representative and Sydney Metro will review the report prior to submission.

1.2. Surface Water

The project site is located within the rail corridor on the T3 Bankstown line between Sydenham and Bankstown, NSW.

The Project site forms part of the overall Cooks River, Coxs Creek and Salt Pan Creek catchment areas. The water from the area discharges into these water catchments via local

stormwater drainage or overland flow. The surrounding catchment areas are urbanised with a mix of residential, commercial, and industrial properties.

Water quality is measured on an ongoing basis for the wider Cooks River catchment by the *Environment, Energy and Science - NSW DPE* as part of the Beachwatch programme. The monitoring pointis at Kyeemagh Baths at the mouth of the Cooks River in Port Botany. Water quality within the Cooks River catchment is influenced by stormwater, fertilisers, industrial discharge and sewage contamination.

The EIS, referring to the Salt Pan Creek catchments, states “A number of beaches in the lower Georges River are monitored as part of Department of Planning Industry and Environment – Environment, Energy and Science’s (DPE-EES) Beachwatch program. The most recent State of the Beaches annual report noted that these locations were graded as ‘good’, meaning that the quality of the water was appropriate for swimming most of the time”. It is noted however that the catchment is impact by development, including construction impacts and litter, as well as other influences such as wastewater overflows and a landfill operation.

Surface water quality monitoring is undertaken in accordance with the Water Quality Monitoring Programme within the Construction Soil and Water Management Plan (refer to Section 7).

Objectives for water quality management during construction are:

- Minimise pollution of surface water through appropriate erosion and sediment control
- Maintain existing water quality of surrounding surface watercourses

1.3. Noise and Vibration

The area surrounding the SMC project contains a variety of land-use types and receivers, including residential receivers, commercial, industrial, sensitive non-residential receivers. These land-uses are mixed within the identified noise catchments, though in general there are clusters of industrial and commercial areas surrounding stations, and primarily residential areas between stations. The area surrounding the project is affected by rail noise and vibration.

Majority of the works will occur within the rail corridor between stations, works will mainly occur adjacent to residential properties.

There are a number of sensitive non-residential receivers identified within the vicinity of the project works. The full list of receivers can be found within the CNVIS (SMCSWSSJ-JHL-WEC-EM-REP-000011-Construction Noise and Vibration Impact Statement-Rev04) A summary of the sensitive receivers are;

- 17 Childcare and Early Learning Centres
- 25 Primary and High Schools
- 24 Hospitals, Medical Centres, clinics and Aged Care Facilities
- 23 Places of Worship

Objectives for noise and vibration management on the project are:

- Minimise unreasonable noise and vibration impacts on residents and businesses
- Avoid cosmetic damage to buildings or heritages items as a result of construction vibration
- Maintain positive, co-operative relationships with schools, childcare centres, local residents and building owners, and undertake active community consultation

Construction noise levels for some SMC activities are expected to exceed the external noise management level at times, particularly during works outside of standard hours, resulting in noise impacts to outdoor spaces. Internal and external noise levels will be assessed as part of the Out of Hours Works (OOHW) protocol and monitored accordingly.

2.1. Surface Water

Surface water quality monitoring is undertaken in accordance with the Water Quality Monitoring Programme within the Construction Soil and Water Management Plan (refer to Section 7).

The water quality monitoring methodology as stated within the CSWMP is as follows;

"*Following rain events of greater than 20mm in a 24-hour period, JHLOR will undertake post rainfall inspections of monitoring locations to determine if there is any change in water quality post a significant first flush. An 'event' is defined as the first 20mm rainfall event within a 24-hour period. In the case of multiple consecutive events, only the first will be monitored. Monitoring will resume after a seven-day period of no rain. Visual inspections will include the following monitoring parameters:*

- *Water clarity and colour*
- *Odour*
- *Description of flow and quantity*
- *Oil and Grease determination*
- *Details of any foreign objects within the water, and*
- *Visible runoff (into the water body)*

JHLOR will maintain a record of the inspections (including photographs) within the SMC Project drive.

Where water quality issues are visibly observed JHLOR will investigate further to determine if the source of the issue is related to JHLOR construction activities (where possible, noting safe access limitations). The JHLOR Environmental Manager or delegate will discuss changes in water quality associated with Construction with the JHLOR Construction Team to determine if further controls may be implemented, noting that any controls must be feasible and reasonable.

Once works in a particular area have been completed and any disturbed ground (from the works) reinstated to a suitable condition the associated monitoring within the particular area will cease.

It is noted that post-rainfall inspections within 24 hours of some drainage crossings and outlets may not be possible in some circumstances, including:

- *Where there are safety concerns, or access is restricted due to rail safe working requirements*
- *Where erosion and sediment controls prevent access to an outlet and removing those controls would present a risk to water quality (e.g. removing drain guards).*

Weather monitoring will be conducted using data from the Canterbury Racecourse weather station, accessed via the bureau of Meteorology website (http://www.bom.gov.au)."

Water quality monitoring locations are included within Appendix F of the CSWMP. Canterbury Racecourse BOM weather observations were used to determine the amount of rainfall in a 24hr period, forming the basis of when monitoring occurred.

Pre-construction (baseline) monitoring was undertaken prior to the start of Construction in late March 2021, noting that works did not commence across the entire project site in March. The baseline for water quality monitoring was updated with two extra sites (eastern-side canterbury compound and BEW) during May and September of 2021. Monitoring was undertaken during dry conditions (no rainfall within the last 24hrs). Pre-construction monitoring was undertaken with the same visual and qualitative approach as described above.

The results of the Construction Water Quality Monitoring Programme are included in Section 3.

There are currently no active sediment basins on the project, and none have been identifiedduring the construction phase of the project to date.

2.2. Surface Water Baseline Data

One baseline monitoring inspection was conducted in March 2021 (02/03/2021) and updated with 2 additional locations including and Canterbury compound (14/04/2021 – see **Figure 1**) and BEW (10/09/2021 – see **Figure 2**). Refer to **Table 1** for a summary.

Figure 1 - *Canterbury Compound (water quality location 8)*

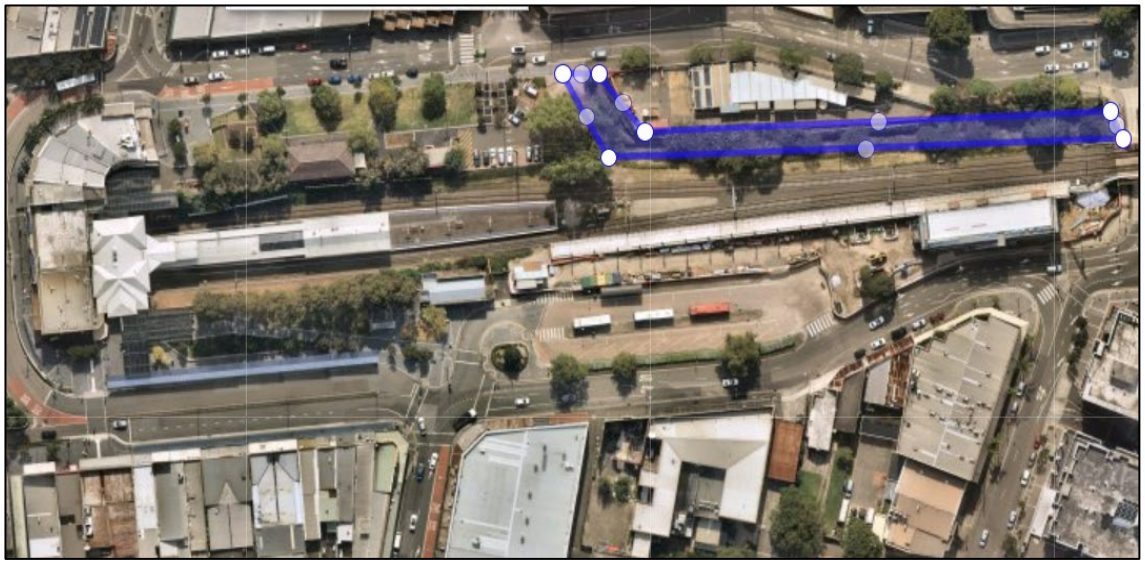


Figure 2 - Bankstown early works (water quality location 9)

Table 1 - *Surface Water Monitoring Baseline*

Date	Total Rainfall (mm)	Rainfall Event (hours)	Adverse Impacts relating to JHLOR works recorded	Monitoring Location Checklist	Notable Observations	Observations relating to JHLOR impacts	Follow up actions with construction team
03/2021	0	0 (dry weather baseline)	No	• Location 1 Dulwich Hill • Location 2 Hurlstone Park • Location 3 West Bank of Cooks River • Location 4 Belmore Triangle • Location 5 Lakemba • Location 6 Wiley Park • Location 7 Punchbowl	Ewart St, Dulwich Hill: Turbid water entering from side tributary into D/S side of rail culvert – no JHLOR works in area. Unknown source. General – low flows and litter.	None	N/A
05/05/2021	86.4	72	No	• Location 1 Dulwich Hill • Location 2 Hurlstone Park • Location 3 West Bank of Cooks River • Location 4 Belmore Triangle • Location 5 Lakemba • Location 6 Wiley Park • Location 7 Punchbowl • **Location 8 Canterbury Compound (First Inspection)**	Ewart St, Dulwich Hill: Turbid water entering from side tributary into D/S side of rail culvert – no JHLOR works in area. Unknown source. Close Street, Canterbury: turbid water observed coming from upstream. No inflow from compound area	None	N/A
14/10/2021	31.8	48	No	• Location 1 Dulwich Hill • Location 2 Hurlstone Park • Location 3 West Bank of Cooks River • Location 4 Belmore Triangle • Location 5 Lakemba • Location 6 Wiley Park • Location 7 Punchbowl • Location 8 Canterbury Compound • **Location 9 Bankstown (First Inspection)**	Ewart St, Dulwich Hill: Small side tributary (LHS) – source of upstream brown cloudiness/dirty water unknown other than Council Contactor works under Ness St bridge. – no JHLOR works in area. Hurlstone Park: JHJLOR installing engineered earth ramp upstream from culvert. Controls in place and ramp structure stabilised with “little” sign of scour flowing into heavily vegetated area (upstream of culvert). Wiley Park: Station Contractor works near culverts. Pre-construction baseline inspections and early Construction period inspections indicate turbid water within this drain at times. No indication SM works causing turbidity. Canterbury Compound: turbid/cloudy water observed in creek. No JHLOR works.	None	N/A

2.3. Noise and Vibration monitoring

As part of the Noise and Vibration Assessment within the Sydney Metro Sydenham to Bankstown Upgrade Environmental Impact Statement, the area surrounding the entire Project site was divided into 13 Noise Catchment Areas (NCAs). SMC works occur across all 13 NCA's depending on where works will reside, there are some locations where works are more consistent than others. Noise monitoring was undertaken in 2016 to determine the Rating Background Level for the 13 noise catchments. The Rating Background Levels for all NCAs are shown in **Table 2**.

Table 2 - *RBLs for SSJ Noise Catchment Areas*

NCA	Daytime RBL(7am to 6pm)	Evening RBL (6pm to10pm)	Night RBL (10pm to7am)
1	38	38	33
2	38	38	33
3	38	38	34
4	40	40	35
5	36	36	32
6	45	42	35
7	41	41	35
8	47	47	41
9	44	44	36
10	47	47	41
11	47	47	39
12	54	51	42
13	42	42	39

Based on planned work in the construction phase, impacts were largely spread across the noise catchments.

Figure 3 below shows the noise catchment boundaries across the project.

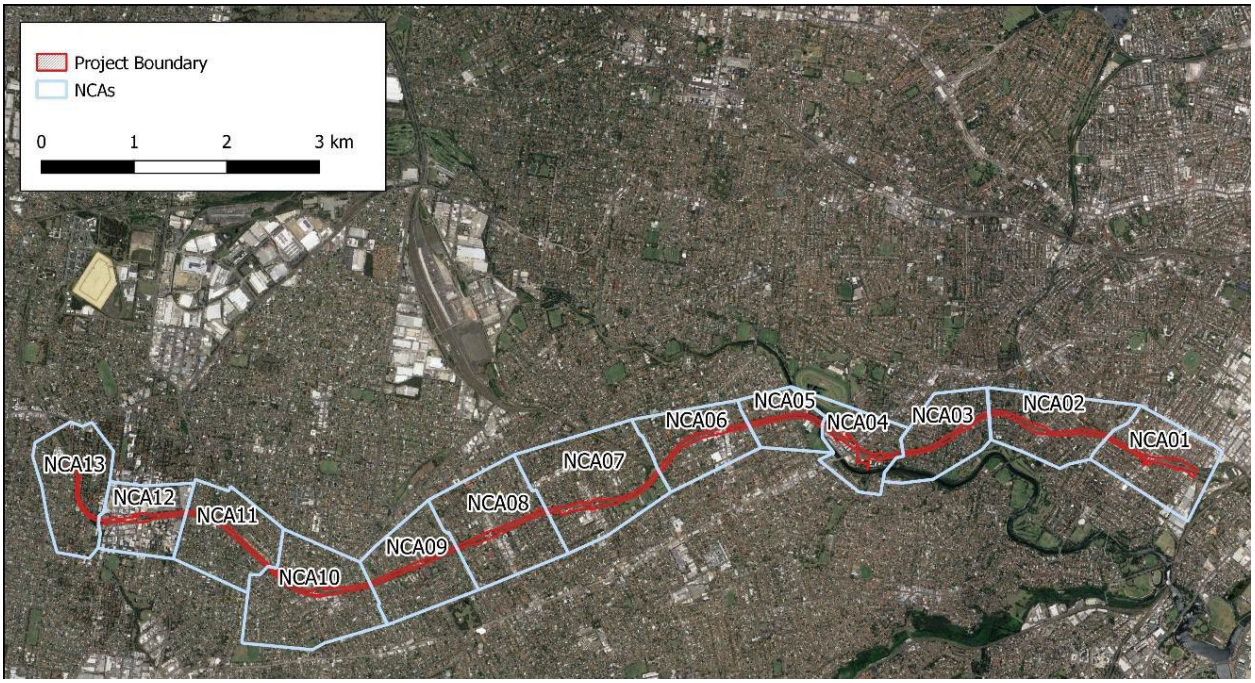


Figure 3 – Sydenham to Bankstown Noise Catchment Areas

Monitoring is undertaken during construction activities (including out of hours works) where required in accordance with Section 8 of the CNVS and for validation purposes. Attended noise monitoring is undertaken in the event of a noise complaint. Where a complaint occurs, monitoring will be undertaken at the complainant's property, nearest to any work.

Vibration monitoring will be undertaken before and during works where buildings or structures exist within the safe work distances of vibratory plant. Monitoring will also be undertaken where vibration generating activities have the potential to impact on heritage items. Monitoring will be undertaken for vibration causing “activities” at a structure and applied as indicative across the project area in similar circumstances (e.g. the methods and plant used for the compaction of batters is consistent across the site, as such the monitoring at one structure is representative of the impacts at other structures). Representative monitoring should be undertaken at the most sensitive structure for which it is to be applied. In accordance with the requirements of the CNVS,the vibration limits have been set out in the British Standard BS 7385-2:1993.

3. Results

3.1. Surface Water

Water quality monitoring inspections were undertaken six (6) times during this reporting period. These occurred between on the 28th of September 2023 and 16th of February 2024.

The following monitoring inspections were undertaken during the reporting period (Result surmised in **Table 3**):

- Rain Event on the 28/09/2023, 21.8mm rainfall during inspection, no adverse impacts identified during the period;
- Rain Event on the 06/11/2023, 38.8mm rainfall during inspection, no adverse impacts identified during the period;
- Rain Event on the 30/11/2023, 21.6mm rainfall during inspection, no adverse impacts identified during the period;
- Rain Event on the 15/01/2024, 27.7mm rainfall during inspection, no adverse impacts identified during the period;
- Rain Event on the 06/02/2024, 23.6mm rainfall during inspection, no adverse impacts identified during the period;
- Rain Event on the 16/02/2024, 47.4mm rainfall during inspection, no adverse impacts identified during the period;

Full monitoring inspections, including commentary and photographs are maintained on the JHLOR Project Drive. These are available upon request. See **Appendix A** for a sample water monitoring report. Where monitoring indicates adverse impacts associated with JHLOR works this Section of the CMR will explore the details and corrective actions in detail.

Table 3 – *Summary of result - Surface Water Monitoring undertaken during the CMR6 reporting period*

Date	Total Rainfall	Adverse Impacts	Monitoring Location Checklist	Notable Observations	Observations	Follow up actions
28/09/2023	21.8 mm	No adverse impacts relating to JHLOR works recorded	**Location 1** Dulwich Hill	No JHLOR works, ERSED Controls in place, Turbid water from side inlet on LHS, Unknown source. Station Contractor's black pipe from on RHS – not able to see.	None relating to JHLOR impacts	N/A
			Location 2 Hurlstone Park	**NO PO AVAILABLE – AREA NOT INSPECTED**, No JHLOR works, ERSED Controls in place		
			Location 3 West Bank of Cooks River	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor		
			Location 4 Belmore Triangle	JHLOR Stockpiling area, **NO PO AVAILABLE – AREA NOT INSPECTED**, ERSED Controls in place		
			Location 5 Lakemba	No JHLOR works. Not checked on Downstream due to the drainage network is below ground. Upstream AREA NOT INSPECTED, ERSED Controls in place.		
			Location 6 Wiley Park	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor. Small inlet from the RHS of the Western most culverts – turbid water flowing into culver. Unknown upstream source but seeping from concrete GLT/ toe of vegetated batter. No oil & grease. No odour		
			Location 7 Punchbowl	This flow line is below ground and runs across the corridor from North to South and can be seen through pits located within corridor only. **NO PO AVAILABLE – AREA NOT INSPECTED** – No JHLOR works in catchment		
			Location 8 Canterbury Compound	JHLOR compound, ERSED Controls in place, No sign of dirty water from corridor		
			Location 9 Bankstown	No construction work on culvert side. JHLORJV works occurring here. ERSED controls in place, effective and maintained. No sign of dirty water from corridor		
06/11/2023	38.8 mm	No adverse impacts relating to JHLOR works recorded	**Location 1** Dulwich Hill	No JHLOR works, ERSED Controls in place, Turbid water from side inlet on LHS, Unknown source. Station Contractor's black pipe from on RHS – not able to see.	None relating to JHLOR impacts	N/A
			Location 2 Hurlstone Park	**NO PO AVAILABLE – AREA NOT INSPECTED**, No JHLOR works, ERSED Controls in place		
			Location 3 West Bank of Cooks River	No JHLOR works in the area or up at Campsie Station. ERSED Controls in place. Slightly turbid water from side inlet on LHS. Unknown source.		
			Location 4 Belmore Triangle	JHLOR Stockpiling area, ERSED Controls in place, No sign of dirty water from corridor		
			Location 5 Lakemba	No JHLOR works. Not checked on Downstream due to the drainage network is below ground. Upstream observed to have low turbidity and Total Suspension Solid (TSS)		
			Location 6 Wiley Park	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor. Small inlet from the RHS of the Western most culverts – clean water flowing into culver. Unknown upstream source but seeping from concrete GLT/ toe of vegetated batter. No oil & grease. No odour		
			Location 7 Punchbowl	This flow line is below ground and runs across the corridor from North to South and can be seen through pits located within corridor only. **NO PO AVAILABLE – AREA NOT INSPECTED** – No JHLOR works in catchment		
			Location 8 Canterbury Compound	JHLOR compound, ERSED Controls in place. Clean ponded water on asphalt surface and no flow of water off asphalt parking surface at time of inspection. Downstream water observed to be turbid (looks same as upstream). No excavation activities along the corridor near this location. NOTE: signs of batter slip on LHS.		
			Location 9 Bankstown	No excavation activities work on culvert side. JHLORJV works occurring here. ERSED controls in place, effective and maintained. No sign of dirty water from corridor		
30/11/2023	21.6 mm	No adverse impacts relating to JHLOR works recorded	**Location 1** Dulwich Hill	No JHLOR works, ERSED Controls in place, Water in main culvert is slightly turbid. Turbid water from side inlet on LHS. No JHLOR works in the area or up at Ewart St. Unknown source. Station Contractor's black pipe from on RHS – not able to see. Low flow of water, but damage to vegetation indicates previously high flow	None relating to JHLOR impacts	N/A
			Location 2 Hurlstone Park	**NO PO AVAILABLE – AREA NOT INSPECTED**, No JHLOR works, ERSED Controls in place		
			Location 3 West Bank of Cooks River	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor		
			Location 4 Belmore Triangle	JHLOR Stockpiling area, ERSED Controls in place, No sign of dirty water from corridor		
			Location 5 Lakemba	No JHLOR works. Not checked on Downstream due to the drainage network is below ground. Upstream observed to have clean water flowing through both culverts. No sign of residual sediment in floor.		
			Location 6 Wiley Park	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor. Small inlet from the RHS of the Western most culverts – turbid water flowing into culver. Unknown upstream source but seeping from concrete GLT/ toe of vegetated batter. No oil & grease. No odour		
			Location 7 Punchbowl	This flow line is below ground and runs across the corridor from North to South and can be seen through pits located within corridor only. **NO PO AVAILABLE – AREA NOT INSPECTED** – No JHLOR works in catchment		
			Location 8 Canterbury Compound	JHLOR compound, ERSED Controls in place. Clean ponded water on asphalt surface and no flow of water off asphalt parking surface at time of inspection. Downstream water observed to be turbid (looks same as upstream). No excavation activities along the corridor near this location. NOTE: signs of batter slip on LHS.		
			Location 9 Bankstown	**Piling work on culvert side**. ERSED controls in place, effective and maintained. No sign of dirty water from corridor		
15/01/2024	27.7 mm	No adverse impacts relating to JHLOR works recorded	**Location 1** Dulwich Hill	No JHLOR works, ERSED Controls in place, Water in main culvert is slightly turbid. Turbid water from side inlet on LHS. No JHLOR works in the area or up at Ewart St. Unknown source. Station Contractor's black pipe from on RHS – not able to see. Low flow of water, but damage to vegetation indicates previously high flow	None relating to JHLOR impacts	N/A
			Location 2 Hurlstone Park	**NO PO AVAILABLE – AREA NOT INSPECTED**, No JHLOR works, ERSED Controls in place		
			Location 3 West Bank of Cooks River	JHLOR Security fence piling works occurs west side of Warioa Bridge, ERSED Controls in place, No sign of dirty water from corridor		
			Location 4 Belmore Triangle	JHLOR Stockpiling area, ERSED Controls in place, No sign of dirty water from corridor		
			Location 5 Lakemba	No JHLOR works. ERSED Controls in place, **AREA NOT INSPECTED**		
			Location 6 Wiley Park	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor. Small inlet from the RHS of the Western most culverts – turbid water flowing into culver. Unknown upstream source but seeping from concrete GLT/ toe of vegetated batter. No oil & grease. No odour		
			Location 7 Punchbowl	This flow line is below ground and runs across the corridor from North to South and can be seen through pits located within corridor only. **NO PO AVAILABLE – AREA NOT INSPECTED** – No JHLOR works in catchment		
			Location 8 Canterbury Compound	No JHLOR works. ERSED Controls in place, **AREA NOT INSPECTED**		
			Location 9 Bankstown	No excavation work on culvert side. JHLORJV works occurring here. ERSED controls in place, effective and maintained. No sign of dirty water from corridor		

Date	Total Rainfall	Adverse Impacts	Monitoring Location Checklist	Notable Observations	Observations	Follow up actions
06/02/2024	23.6 mm	No adverse impacts relating to JHLOR works recorded	**Location 1** Dulwich Hill	No JHLOR works, ERSED Controls in place, Water in main culvert is turbid. Turbid water from side inlet on LHS. No JHLOR excavation works in the area or up at Ewart St. Unknown source. Station Contractor's black pipe from on RHS – not able to see. High flow of water. No Oil and Grease observed.	None relating to JHLOR impacts	N/A
			Location 2 Hurlstone Park	**NO PO AVAILABLE – AREA NOT INSPECTED**, No JHLOR works, ERSED Controls in place		
			Location 3 West Bank of Cooks River	JHLOR Security fence piling works occurs west side of Warioa Bridge, ERSED Controls in place, No sign of dirty water from corridor		
			Location 4 Belmore Triangle	JHLOR Stockpiling area, ERSED Controls in place, No sign of dirty water from corridor		
			Location 5 Lakemba	No JHLOR works. Not checked on Downstream due to the drainage network is below ground. Upstream observed to have clean water flowing through both culverts. No sign of residual sediment in floor.		
			Location 6 Wiley Park	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor. Small inlet from the RHS of the Western most culverts – turbid water flowing into culver. Unknown upstream source but seeping from concrete GLT/ toe of vegetated batter. No oil & grease. No odour		
			Location 7 Punchbowl	This flow line is below ground and runs across the corridor from North to South and can be seen through pits located within corridor only. **NO PO AVAILABLE – AREA NOT INSPECTED** – No JHLOR works in catchment		
			Location 8 Canterbury Compound	JHLOR compound, ERSED Controls in place, No sign of dirty water from corridor		
			Location 9 Bankstown	No excavation work on culvert side. JHLORJV works occurring here. ERSED controls in place, effective and maintained. No sign of dirty water from corridor		
16/02/2024	47.4mm	No adverse impacts relating to JHLOR works recorded	**Location 1** Dulwich Hill	JHLOR works on western side of Terrace Rd, ERSED Controls in place, Turbid water from side inlet on LHS. Checked drainage pits up at Ewart St bridge on DOWN side - water flow looks clean. No sign of dirty water from corridor	None relating to JHLOR impacts	N/A
			Location 2 Hurlstone Park	**NO PO AVAILABLE – AREA NOT INSPECTED**, No JHLOR works, ERSED Controls in place		
			Location 3 West Bank of Cooks River	JHLOR Security fence piling works occurs west side of Warioa Bridge, ERSED Controls in place, No sign of dirty water from corridor		
			Location 4 Belmore Triangle	JHLOR Stockpiling area, ERSED Controls in place, No sign of dirty water from corridor		
			Location 5 Lakemba	No JHLOR works. ERSED Controls in place, **AREA NOT INSPECTED**		
			Location 6 Wiley Park	No JHLOR works, ERSED Controls in place, No sign of dirty water from corridor. Small inlet from the RHS of the Western most culverts – turbid water flowing into culver. Unknown upstream source but seeping from concrete GLT/ toe of vegetated batter. No oil & grease. No odour		
			Location 7 Punchbowl	This flow line is below ground and runs across the corridor from North to South and can be seen through pits located within corridor only. **NO PO AVAILABLE – AREA NOT INSPECTED** – No JHLOR works in catchment		
			Location 8 Canterbury Compound	JHLOR compound, ERSED Controls in place, No sign of dirty water from corridor		
			Location 9 Bankstown	No construction work on culvert side. JHLORJV works occurring here. ERSED controls in place, effective and maintained. No sign of dirty water from corridor		

3.2. Noise and Vibration Monitoring

3.2.1. Noise Monitoring

Attended noise monitoring was undertaken as required for OOHW and possessions, where noise modelling predicted significant exceedance of Rating Background Levels (RBL) or otherwise required validation using this method.

Continuous noise monitoring was undertaken for OOHW and possessions. They were located at the locations with the highest risk of noise exceedance of RBL as established by the JHLOR noise models, detailed monitoring locations can be found in **Appendix B – Noise Monitoring Report**.

These noise monitoring methods have been conducted for activities with significant predicted exceedances of noise management levels, mostly occurring where works are conducted in the evening or night-time periods. SMC have committed to review impacts and mitigation of construction activity and document outcomes where an exceedance is recorded or a complaint is made related to project construction activities.

The following noise monitoring event were undertaken for the below Out-of-hour works (OOHW):

- OOHW carried out over 23rd of September 2023 and the 6th of October 2023 in September Shut 2023. Works carried out under condition L5.6- Local Possessions
- OOHW carried out on the 17th and 18th of October 2023 during the over 2 nights (single activity at Stacey St) during the weekday. Works carried out under condition L5.7(a) (iv) - Local Area and Utility Works Possessions
- OOHW carried out on 21st and the 22nd of October 2023 during Weekend 17 Possession (WE17) over 2 days and 1 night. Works carried out under condition L5.6- Local Possessions
- OOHW carried out on 11th and 12th of November 2023 during Weekend 20 Possession (WE20) over 2 days and 1 night. Works carried out under condition L5.6- Local Possessions
- OOHW carried out between 27th of December 2023 and 25th of January 2024 during Christmas Shut. Works carried out under condition L5.6- Local Possessions
- OOHW carried out on 3rd and the 4th of February 2024 during Weekend 32 Possession (WE32) over 2 days and 1 night. Works carried out under condition L5.6- Local Possessions
- OOHW carried out on 17th and 18th of February 2024 during Weekend 34 Possession (WE34) over 2 days and 1 night. Works carried out under condition L5.6- Local Possessions

Detailed noise monitoring results are attached in **Appendix B**. Throughout the works carried out over the reporting period (September 2023 to February 2024). Actual noise (LAeq 15min) data was collected at the monitoring location and assessed for exceedances.

There was one exceedance (on the 3/10/23 at Belmore, location H, refer to **Appendix B – September Shut 2023**) of the original noise predictions. A delay in daytime tamping activities was attributed to excessive track temperatures and stopped these critical rail works until track temperatures decreased. This had a knock-on effect and without an acceleration of this critical activity, there would have been an impact on commuter trains running by the Friday morning. The community was notified on the evening of the works and additional respite was extended for an additional night as captured in the noise validation report for the September Shut.

As part of the noise monitoring, a respite offer was the correct level of additional mitigation.

Construction impacts as well as extraneous noise has been recorded as impacting receivers and monitoring results. Frequent extraneous noise sources throughout the night included:

- Noise from passing freight trains on the ARTC line
- Road traffic, particularly rail replacement buses during rail possessions

3.2.2. Vibration

As per the Construction Noise and Vibration Impact Statement, real time vibration monitoring is conducted when the works are predicted to exceed the building cosmetic damage vibration goals and/or human comfort vibration goals. No works throughout this reporting period indicated the need for vibration monitoring

To date, there has been no exceedances of vibration from construction activities, and recorded vibration (PPV in mm/s) has been well below cosmetic vibration limits for affected structures. As above, attended noise and vibration monitoring has identified that external non-construction noise and vibration sources are frequent in the areas, which is also expected to reflect in the results of any real-time continuous monitoring.

Vibration monitoring was not required throughout this reporting period.

3.2.3. Complaints

There were forty-one (41) complaints throughout this reporting period. All complaints were noise complaints which were found to be attributed to JHLORJV works.

Date received	Complaint Identification	Complaint Method	Suburb complaint relates to	Construction site/work complaint relates to	Complaint description	Response provided to stakeholder by community team	Action taken by project team/team on site	Status
23/09/2023	ECO039 (Consultation Mgr Number 5047)	Approached team member on site	Hurlstone Park	Construction Noise	Resident approached engineer to complain of jackhammering (in standard construction hours). Engineer explained that our works. Weren't using Jackhammer and there was no jackhammering occurring in the vicinity of the rail corridor. Works were using an NDD. The complainant was referred to the complaints hotline but did not call.	Advised resident that our works did not involve use of a jackhammer. Also reminded them they were eligible RO for the following day as well as one nights AA the following week which they had not responded to.	JHLOR Community relations manager rang and spoke with engineer to understand what works we were conducting in the area. Confirmed no jack hammering (although permitted). Enviro team visited site and confirmed no jackhammers were being used by our teams. Noise monitoring confirmed works were below prediction and the resident was not high noise affected.	Closed
26/09/2023	ECO040 (Consultation Mgr Number 5051)	Phone call	Hurlstone Park	OOH work	Resident enquiring as to if they missed a respite/ AA offer due to overnight noisy works which occurred at the Melford St railway access gate	Community Relations Manager spoke to resident and apologised for the unscheduled use of the area and advised them that it was unauthorised. The complainant was advised that the team have been reminded that area is not permitted for night works going forward as assessment and notification has not been issued. RO was offered retrospectively and accepted.	Noncompliance raised against EPL 21147 Condition L5.1 and will be communicated to EPA via the Annual Return.	Closed
26/09/2023	ECO041 (Consultation Mgr Number 5056)	Email	Marrickville	OOH Noise	Resident complained that works are occurring and did not receiving respite offer	Community Relations Manager emailed resident advising that they were eligible for RO/AA and were notified on the 13 September. RO was offered for the missed days and reminded that that are eligble for coming weekend if they provided details as required.	Community Relations Manager checked respite master list and confirmed that resident was offered respite and alternative accommodation for 23/04 September and again for 30/09 and 01/10 but has not responded to offer.	Closed
27/09/2023	ECO042 (Consultation Mgr Number 5064)	Email	Canterbury	OOH Noise	Note: Complaint was issued 25/09 to Previous Community Manager no longer working on the project as well as HSE who were not working OOH this possession. The complaint was forwarded to JHLOR 27/09. The resident complained about OOHW occurring at Canterbury Station.	The Community Relations Manager emailed resident to advise that AA/RO was issued and that the resident is still eligible for AA/RO for upcoming works. Resident responded and accepted respite vouches.	The Community Relations Manager checked work program to confirm if OOHW works was scheduled and if AA/RO was triggered and issued. AA/RO was issued.	Closed
27/09/2023	ECO043 (Consultation Mgr Number 5066)	Phone Call	Belmore	Truck movement	Resident Called the community relations manager to complain about the trucks using Redman Pde to access Belmore Triangle OOH	Community Relations Manager called resident and confirmed truck movements of ~2/hr and that Redman Pde is an approved haulage route in accordance with the EIS.	JHLOR CR&S Manager spoke with superintendent who advised that we have 2 trucks are hour using Redman Pde during the OOH. Superintendent also advised that traffic control has been informed to keep trucks moving slowly along Redman Pde to reduce impact on residents.	Closed
27/09/2023	ECO044 (Consultation Mgr Number 5063)	Phone Call	Hurlstone Park	OOH Noise	Resident complaint regarding not being notified of OOHW which occurred on Monday night to Tuesday morning	Community Relations Manager spoke to resident and apologised for the unscheduled use of the area and advised them that it was unauthorised. The complainant was advised that the team have been reminded that area is not permitted for night works going forward as assessment and notification has not been issued. RO was offered retrospectively and accepted.	Noncompliance raised against EPL 21147 Condition L5.12 and will be communicated to EPA via the Annual Return.	Closed
29/09/2023	ECO045 (Consultation Mgr Number 5071)	Text to Place Manager	Belmore	General construction activity within rail corridor. Standard hrs	Resident texted JHLORJV CRM's phone complaining of noise, trucks not safely entering the corridor, general privacy in backyard, blocked driveway by worker 2 weeks ago	JHLORJV CRM texted resident back within 45mins and offered to call resident or visit and discuss issues with resident. Nil response.	Noise check was undertaken to model trucks entering and exiting access gate with RO being offered and already accepted by resident. Speed restriction signs already in place along access track. Traffic control have been reminded to keep trucks moving below 10km/h. JHLORJV CRM attended site to check on privacy screen (still intact) which had been placed between driveway and resident's house. Privacy screen intact and providing blocked line of sight. Additional cable ties attached where flapping. Reviewed program from two weeks ago and confirm that we weren't in the area so unlikely that the blocked driveway would be because of our work. Keeping residents access clear at all times has been raised as a prestart topic as well as respecting resident privacy.	Closed

Date received	Complaint Identification	Complaint Method	Suburb complaint relates to	Construction site/work complaint relates to	Complaint description	Response provided to stakeholder by community team	Action taken by project team/team on site	Status
29/09/2023	ECO046 (Consultation Mgr Number 5072)	Email	Lakemba	Standard & OOH Noise	Email was received overnight and not seen until the morning. Resident complained of noise during standard hours as well has OOH	JHLORJV CRM responded by email. Resident was advised that JHLORJV had been conducting works in the vicinity during the week during standard hours and on 29/09 had conduct one night of works 29/9. If noise had been heard on other evenings, it was likely due to Sydney Trains maintenance. JHLORJV CRM asked resident if they receive the Monthly Metro notifications from Sydney Metro as this works were covered in the Monthly notice. No response	Reviewed night-time noise modelling and OOHW plan. Model indicates predicted noise is low at this resident where the location is outside the noise catchment where RO/AA is offered for the night period. Unable to verify actual noise levels during evening period as complaint was only picked up in the morning.	Closed
30/09/2023	ECO047 (Consultation Mgr Number 5073)	Email	Canterbury	Standard hours noise	Email was received in the morning. Resident complained of noise in general outside residence, in corridor.	JHLORJC CRM emailed resident within 30" to explain that works were being conducted within standard hours of construction and in line with the construction noise and vibration management plan and EPL. Explained to resident that they had already taken up the offer of Respite and Alternative Accommodation for standard &OOH works conducted on the 24 Sep (RO) and 30 Sep (AA) respectively. Resident had already accepted RO and AA when initially offered.	Time of noise 08:10. Reviewed noise modelling and OOHW plan and followed up with attended monitoring (conducted at 09:10) alongside this residential property during same construction activity. Actual noise at resident did not indicate RO was required for this daytime period. Resident had already accepted RO and AA when initially offered	Closed
2/10/2023	ECO048 (Consultation Mgr Number 5075)	Complaints hotline	Hurlstone Park	OOH Noise	Resident's complaint was regarding noise and not being notified of OOHW which occurred on Sunday 1/10 into Monday 2/10 night and not being provided with respite offer	JRLORJV CRM phoned resident to apologise and explained that due to the extreme heat on the Sunday there had been a stop placed on critical track tamping activities. The resultant knock-on slip in schedule, needed to be accelerated so that would be no delay to the first train service on Friday 6/10/23. JHLORJV CRM also undertook to keep resident updated on the next few days of night works	Unavoidable noise was generated from tamping operations during the local possession. Works were forecast to be completed near resident's house during standard hours but because of the heat experienced and the resultant temperature of track, the schedule had to be modified to ensure the safe handback of track and the timely operation of line to ST. Notification advised schedule was subject to change. Sydney Metro to send a broadcast email update to affected residents.	Closed
2/10/2023	ECO049 (Consultation Mgr Number 5076)	Email	Belmore	OOH Noise	Resident complained of oversized machinery being parked on street, making a beeping noise when reversed.	JHLORJV CRM spoke to resident and apologised for the noise. Advised resident that the loading/unloading of plant during OOH would be raised as a topic at the next prestart - reminding operators to be mindful when unloading in residential areas.	Avoidable complaint. Offloading/loading of plant item in Redman Pde during a local possession contrary to project requirements. No contact or notification of event provided to JHLOR by the transport company. The company will be toolboxes of the project's requirements.	Closed
3/10/2023	ECO050 (Consultation Mgr Number 5079)	Email	Campsie	OOH Noise	Email was received in the morning. Resident complained of noise outside residence, in corridor.	JRLORJV CRM phoned resident to apologise and explained that due to the extreme heat on the Sunday there had been a stop placed on critical track tamping activities. The resultant knock-on slip in schedule, needed to be accelerated so there would be no delay to the first train service on Friday 6/10/23.	Unavoidable noise was generated from tamping operations during the local possession. Works were forecast to be completed near resident's house during standard hours but because of the heat experienced and the resultant temperature of track, the schedule had to be modified to ensure the safe handback of track and the timely operation of line to ST. Notification advised schedule was subject to change. Sydney Metro issued a broadcast email (updated notification) to affected residents on afternoon of Tuesday 3/10/23.	Closed
3/10/2023	ECO051 (Consultation Mgr Number 5080)	Email	Canterbury	OOH Noise	Email was received in the morning. Resident complained of noise outside residence, in corridor.	JRLORJV CRM phoned resident to apologise and explained that due to the extreme heat on the Sunday there had been a stop placed on critical track tamping activities. The resultant knock-on slip in schedule, needed to be accelerated so there would be no delay to the first train service on Friday 6/10/23.	Unavoidable noise was generated from tamping operations during the local possession. Works were forecast to be completed near resident's house during standard hours but because of the heat experienced and the resultant temperature of track, the schedule had to be modified to ensure the safe handback of track and the timely operation of line to ST. Notification advised schedule was subject to change. Sydney Metro issued a broadcast email (updated notification) to affected residents on afternoon of Tuesday 3/10/23.	Closed

Date received	Complaint Identification	Complaint Method	Suburb complaint relates to	Construction site/work complaint relates to	Complaint description	Response provided to stakeholder by community team	Action taken by project team/team on site	Status
21/10/2023	ECO052 (Consultation Mgr Number 5083)	Text to Place Manager	Campsie	OOH Noise	Complaint was for OOHW noise on 22/9, 23/9 and 29/9/23	After investigation, the JHLORJV CRM advised (by text) that noise on 22/9 and 23/9 was not generated by JHLOR construction activities. Noise on 29/9/23. The JHLORJV CRM apologised for the unscheduled use of a tamper in the area and advised them that it was unauthorised. The complainant was advised that the team have been reminded that night work in the area is not permitted as assessment and notification has not been issued.	22 & 23/09/23 Noise on these dates was not attributed to JHLOR construction activities. 29/09/23 Avoidable. Notification of OOHW not provided to resident. Noncompliance raised against EPL 21147 Condition L5.12 and will be communicated to EPA via the Annual Return.	Closed
22/10/2023	ECO053 (Consultation Mgr Number 5117)	SM Complaints hotline	Marrickville	OOH Noise	Resident complaining of noise and asking about respite. Latest weekend work period. WE17, 21 & 22/10/23	JHLORJV CRM rang resident to explain that they had been notified on 13 September advising of noisy works and offered AA/RO for the weekend. Retrospectively offered the resident respite for Saturday night and Sunday.	Resident had been advised and offered AA/RO but had not responded to the initial offer. JHLORJV CRM reviewed noise model and trigger list and found resident had been advised of works and offered AA/ RO for Saturday night and Sunday.	Closed
23/10/2023	ECO054 (Consultation Mgr Number 5121)	SM Complaints hotline	Hurlstone Park	Standard & OOH Noise	Resident complaining of noise during standard hours of construction and OOH. Latest weekend work period. WE17, 21 & 22/10/23	JHLORJV CRM phone resident. Resident was not happy with feedback and advised that the monthly notice didn't advise works would be happening around the clock. Resident asked for the complaint to be escalated. JHLORJV CRM has forwarded complaint to Sydney Metro CM.	JHLORJV CRM reviewed noise model and residents address was not eligible for respite due to distance from worksite. CRM and Enviro advisor also reviewed data from site hive which was 20m from the 'actual' work' location. This further reinforced that resident wasn't due for respite at their address which was so far away.	Closed
22/10/2023	ECO055 (Consultation Mgr Number 5122)	Email to Sydney Metro	Hurlstone Park	OOH Noise	Resident complaining of disruption due to OOH noise	JHLORJV emailed resident and apologised for the disruption. Explained that the continuous attended monitoring and modelling showed the resident was not eligible for respite. Offered respite as a gesture of goodwill for the inconvenience caused	JHLORJV CRM and Enviro advisor reviewed modelling and continuous attended monitoring data which showed resident was not eligible for respite.	Closed
23/10/2023	ECO056 (Consultation Mgr Number 5123)	Email to Sydney Metro	Hurlstone Park	OOH Noise	Resident complaining of noise OOH and asking about respite. Latest weekend work period. WE17, 21 & 22/10/23	JHLORJV CRM rang resident to explain that they had been notified on 13 September advising of noisy works and offered AA/RO for the weekend. Retrospectively offered the resident respite for Saturday night and Sunday.	Resident had been advised and offered AA/RO but had not responded to the initial offer. JHLORJV CRM reviewed noise model and trigger list and found resident had been advised of works and offered AA/ RO for Saturday night and Sunday.	Closed
22/10/2023	ECO057 (Consultation Mgr Number 5124)	Email to Sydney Metro	Hurlstone Park	OOH Noise	Resident complaining of OOH noise	JHLORJV emailed resident and apologised for the disruption. Explained that the continuous attended monitoring and modelling showed the resident was not eligible for respite. Offered respite as a gesture of goodwill for the inconvenience caused	JHLORJV CRM and Enviro advisor reviewed modelling and continuous attended monitoring data which showed resident was not eligible for respite.	Closed
26/10/2023	ECO058 (Consultation Mgr Number 5127)	Email to Sydney Metro	Hurlstone Park	OOH Noise	Resident complaining of OOH noise	JHLORJV CRM emailed resident to apologise and explain that they had been written to on 18 September advising of noisy works and offered AA/RO for the weekend. Retrospectively offered the resident respite for Saturday night and Sunday.	JHLORJV CRM reviewed noise model and trigger list and found resident had been advised of works and offered AA/ RO for Saturday night and Sunday. Offer letter deliver to mailbox on 18 October by JHLORJV CRM	Closed
10/11/2023	ECO059 (Consultation Mgr Number 5137)	Email to Sydney Metro	Hurlstone Park	OOH Noise	Resident complaining of OOH noise during the WE17 rail possession, night of Sat 21/10	JHLORJV emailed resident and apologised for the disruption. Explained that the continuous attended monitoring and desktop modelling showed the resident was not eligible for respite. As a one off, the complainant was offered respite as a gesture of goodwill.	WE17 Rail Possession. JHLORJV CRM and Enviro advisor reviewed the noise model and real time monitoring which showed the resident was outside the area that was eligible for respite. Activity at time of complaint: Installation of Segregation Fencing between the ARTC and SM tracks. Metro Community manager confirmed monthly notification was letterboxed to the property as well as notification and possession reminder emails sent to the complainant's email.	Closed
11/11/2023	ECO061 (Consultation Mgr Number 5193)	Dircect call to JHLOR	Punchbowl	OOH Noise	Resident complaining of OOH noise during the WE20 rail possession - Saturday night 11/11/23	JHLORJV rang resident to apologise and explain that the building was missed when compiling the respite offer list.	Activities at time of complaint: Track work, skim - excavation and replacement of ballast.	Closed

Date received	Complaint Identification	Complaint Method	Suburb complaint relates to	Construction site/work complaint relates to	Complaint description	Response provided to stakeholder by community team	Action taken by project team/team on site	Status
		Community Mgr				Offered respite vouchers and advised resident that building would be noted to be included in future respite situations.	Attended monitoring conducted (01:30) at building during same activity identified that resident would have been offered respite. Block of units above commercial business not identified in noise model. Address is a mixed commercial/residential building and was missed when compiling the trigger list as it was only registered as a commercial building in the noise model. Noise model to be updated to include residential properties alongside this station not previously identified.	
28/12/2023	ECO062 (Consultation Mgr Number 5284)	Email to Community inbox	Canterbury	Standard hours noise	Resident complaining of noise near residence and requesting respite for each day of work	JHLOR CRM emailed resident to advise respite vouchers were an additional mitigation used for OOHW and explained that the resident was only eligible for respite for OOHW from 30/12 - 03/01.	JHLOR CRM attended site to inspect construction activities and found nothing of concern. Resident complaining of works being conducted during standard hours and had been offered and accepted respite for works being conducted OOH.	Closed.
31/12/2023	ECO063 (Consultation Mgr Number 5288)	Phone call to 1800 Info line	Dulwich Hill	OOH noise	Resident inquiring weather noise coming from corridor was within limits	JHLORJV CRM has been unable to contact the resident by phone to close out the complaint with the resident	Noise had been modelled, was within expected limits and appropriate additional mitigation measures had been applied	Closed
31/12/2023	ECO064 (Consultation Mgr Number 5285)	Email to CRM email	Hurlstone Park	OOH noise	Resident complaining of plant behind their residence and why wasn't AA offered for the night.	JHLORJV CRM emailed resident to advise that the noise monitored at residence last night is in accordance with predictive noise modelling and relevant additional mitigation measures. The resident had been offered and accepted the respite offer as mitigation. The CRM also advised that offers differ between properties as each location is considered individually, taking into account a range of factors. Hence why neighbour may still be in alternative accommodation. Additional noise monitoring was conducted at the generator at 23:00 on the 01/01/2024	JHLORJV CRM and Enviro advisors reviewed continuous noise monitor results (which is set up at Hurlstone Park Station at a similar distance residence property).	Closed
1/01/2024	ECO065 (Consultation Mgr Number 5286)	Phone call to 1800 Info line	Hurlstone Park	OOH noise	Resident called to complain about noise and light coming from the corridor	JHLORJV Community Assistant spoke to resident acknowledged call. Advised that JHLORJV CRM would be in contact the next morning. JHLOR CRM rang resident and explained that a letter was sent to advise of the works and offer respite. Offered respite retrospectively and resident accepted and was happy with the outcome.	JHLORJV CRM reviewed noise modelling and trigger list found the resident was eligible for respite for the works conducted on 30 and 31 Dec. Letter was sent to resident on 13 Dec, but no response received.	Closed
3&4/01/2024	ECO066 (Consultation Mgr Number 5290)	SMS / Direct call to JHLOR Community Mgr / phone call to 1800 info line	Hurlstone Park	OOH noise	03/01/24 - SMS from resident complaining of noise and vibration at 18:18 04/01/24 - Various text messages with videos received overnight from resident complaining of noise from the rail corridor.	JHLORJV CRM rang resident to advise that noise was in predicted limits and confirmed an offer of respite and not AA was triggered.	Respite offer sent afternoon of 03/01/2024. 03/01/24 - SMS in from resident complaining of noise - JHLORJV CRM confirmed with the team that works had not started as they were still at Canterbury completing a prestart. Messaged resident to advise of this. 04/01/24 - Various SMS messages received overnight from resident. JHLORJV CRM reviewed videos supplied and checked meta data. Meta data times do not match times resident was claiming videos were taken. JHLORJV CRM and Environment advisors reviewed continuous and attended monitoring data which was taken near the works at a similar distance to the residence. Levels recorded were in accordance with predictions and the projects construction noise and vibration plan. Respite vouchers were the appropriate additional mitigation measure. JHLORJV CRM rang resident at 15:30 to advise the above. Resident became abusive.	Closed
8/01/2024	ECO067	Phone call to 1800 Info line	Hurlstone Park	OOH noise	Resident called to complain that there is a generator at the back of her house that is on 24/7 and it is very loud all the time.	JHLORJV CRM rang resident to discuss her concerns. After the team had investigated the issue, the CRM rang the resident to advise that the generator is working within predictions and that respite or AA are not warranted.	JHLORJV CRM rang resident to discuss the complaint. The team reviewed monitoring data and conducted a site inspection and confirmed that the generator is working within predictions.	Closed

Date received	Complaint Identification	Complaint Method	Suburb complaint relates to	Construction site/work complaint relates to	Complaint description	Response provided to stakeholder by community team	Action taken by project team/team on site	Status
5/01/2024	ECO068 (Consultation Mgr Number 5303)	Email to Community inbox	Dulwich Hill	OOH noise	Resident complained of generator noise at Dulwich Hill Station	JHLORJV CRM advised that monitoring of generator had been conducted and was working within predicted levels. Generator is required for lift and lights on the Dulwich Hill Station overpass which links to the Light Rail	The team confirmed that noise blankets had been deployed, the generator was working to predicted levels, and is required to power lights on the Dulwich Hill overpass and lifts.	Closed
7/01/2024	ECO069 (Consultation Mgr Number 5299)	Phone call to 1800 Info line	Dulwich Hill	OOH noise	Resident complained of generator noise at Dulwich Hill Station	JHLORJV CRM advised that monitoring of generator had been conducted and was working within predicted levels. Generator is required for lift and lights on the Dulwich Hill Station overpass which links to the Light Rail	The team confirmed that noise blankets had been deployed, the generator was working to predicted levels, and is required to power lights on the Dulwich Hill overpass and lifts.	Closed
9/01/2024	ECO070 (Consultation Mgr Number 5303)	Email to Community inbox	Canterbury	OOH noise	Resident complained of noise from rail activities	JHLORJV CRM emailed resident and apologised for the inconvenience. Advised that due to some survey issues the team was needing to conduct additional works before 10pm to allow for another contractor to continue works the next day. The work was modelled and covered by the Community Notification. The tamping did not trigger an additional notification as it was conducted prior to 10pm.	JHLORJV CRM reviewed OOH notice, approval and predictive modelling with Enviro advisor. Work was included for the time period in the notice and approval. Modelling showed the resident wouldn't have been contacted with a respite offer as the noise level didn't trigger additional mitigation measures	Closed
9/01/2024	ECO071 (Consultation Mgr Number 5302)	Phone call to 1800 Info line	Canterbury	OOH noise	Resident complained of noise from rail activities	JHLORJV Community team called resident and apologised for the inconvenience. Advised that due to some survey issues the team was needing to conduct additional works before 10pm to allow for another contractor to continue works the next day.	JHLORJV CRM reviewed OOH notice, approval, and predictive modelling with Enviro advisor. Work was included for the period in the notice and approval. Modelling showed the resident wouldn't have been contacted with a respite offer as the noise level didn't trigger additional mitigation measures	Closed
9/01/2024	ECO072 (Consultation Mgr Number 5306)	Email to Community inbox lodged at local Council.	Canterbury	OOH noise	Resident complained of noise from rail activities	JHLORJV Community team emailed the resident and apologised for the inconvenience. Advised that due to some survey issues the team was needing to conduct additional works before 10pm to allow for another contractor to continue works the next day.	JHLORJV CRM reviewed OOH notice, approval and predictive modelling with Enviro advisor. Work was included for the time period in the notice and approval. Modelling showed the resident wouldn't have been contacted with a respite offer as the noise level didn't trigger additional mitigation measures	
11/01/2024	ECO073	Phone call to 1800 Info line	Punchbowl	OOH noise	Resident complained of noise from works ongoing 24hrs a day and is unable to sleep. Resident complained she has had enough of the noise	JHLORJV CRM phoned resident and explained that respite had been offered and accepted by household for the OOHW. CRM also explained that we had no deliveries at that time on 11 January. Resident was neutral with response and seems to be suffering from construction fatigue.	JHLORJV CRM reviewed AA/RO trigger list and the resident had been offered and accepted respite for OOHW near their residence. CRM confirmed no unscheduled works had taken place. JHLORJV and DTI were not working OOH on the 11 January and no deliveries to the area were received. This noise was not related to Sydney Metro activities.	Closed
12/01/2024	Consultation Mgr Number 5308	Passed on from Local Council	Marrickville	Truck noise (day)	Resident complained about two construction and utilities trucks parked in her street with their engines on creating a noise impact.	JHLORJV CRM phoned resident and confirmed the trucks were associated with the project and have been instructed to use a different area.	JHLORJV CRM spoke to site engineer and two trucks had used the residential St. the correct areas were reiterated to the sub contractor. (Note: the trucks were on the approved haulage road).	Closed.
21/01/2024	ECO074 (Consultation Mgr Number 5323)	Email to Community inbox	Canterbury	OOH noise	Resident complained of OOHW, and enquired about Respite & Alternative Accommodation	JHLORJV CRM responded to resident and explained the situation and apologised. Sent respite retrospectively to resident.	JHLORJC CRM reviewed noise model and trigger list. Confirmed that resident was eligible for AA but was not transferred to trigger list which notifies resident of offer.	Closed
21/01/2024	ECO075 (Consultation Mgr Number 5324)	Phone call - 1800 Info Line	Hurlstone Park	OOH noise	Resident complained of noise from rail activities	JHLORJV CRM phoned resident to advise that continuous and attended monitoring from last night which was undertaken near the resident and confirmed that the predictive noise model was in line with what was received by the resident. The resident was offered and accepted the correct additional mitigation measure of RO. The resident requested further information in the form of the construction noise and vibration plan which outline how these decisions are made. This was supplied to the resident. Resident was appreciative of the call back.	JHLORJV CRM and Environment Advisor reviewed continuous and attended monitoring which was undertaken near the resident during the works and confirmed that the predictive noise model was in line with what was received by the resident. The resident was offered and accepted the correct additional mitigation measure of RO.	Closed
21/01/2024	ECO076	Email to Community inbox	Canterbury	OOH noise	Resident complained of noise from rail activities and enquired about RO	JHLORJV CRM emailed resident to apologise and sent respite retrospectively for the inconvenience.	JHLORJV CRM reviewed predictive noise modelling and trigger list. Resident was eligible for AA but was missed in compilation of trigger list/ letters.	Closed

Date received	Complaint Identification	Complaint Method	Suburb complaint relates to	Construction site/work complaint relates to	Complaint description	Response provided to stakeholder by community team	Action taken by project team/team on site	Status
18/02/2024	ECO077 (Consultation Mgr Number 5368)	Email to Community Inbox	Hurlstone Park	OOH noise	Resident complained of noise from rail activities and enquired about RO	JHLORJV CRM emailed resident to advise that works were notified in the Sydney Metro monthly notice and on this occasion the works did not trigger respite for the resident	JHLORJV CRM checked the predictive noise modelling conducted and on this occasion, property did not trigger an offer of respite for the works conducted outside of standard construction hours.	Closed
19/02/2024	ECO078	Email to Community Inbox	Hurlstone Park	OOH noise	Resident complained of noise from rail activities 19-19 February and enquired about RO	JHLORJV CRM spoke to resident and apologised for the disturbance and explained that this was a different weekend possession and the current possession activities did not trigger a respite offer. In relation to the noise coming from the track on Sunday evening, S&CLM advised the resident that the teams were off track by 6pm.	JHLORJV CRM checked the predictive noise modelling conducted and, on this occasion, property did not trigger an offer of respite for the works conducted outside of standard construction hours on 16 to evening of 18 February. No works were conducted on 19 February. Resident was confused with respite offer associated with prior weekend possession (3/4 February) that was withdrawn as the work activities triggering the respite were no longer taking place.	Closed
27/02/2024	ECO079 (Consultation Mgr Number 5387)	Email to community Inbox	Hurlstone Park	OOH noise	Resident complained of noise from a generator that had been turned on prior to 7am and workers parking in the street	S&CLM has called Resident twice (9.56AM & 10.17AM) but has not been able to reach them to close out the complaint.	Complaint was passed on by DT Infrastructure, S&CLM contracted Supervisor who advised all cars bar except was parked in the compound and the generator was not turned on until after 7am. Approval has been obtained to plug the caravan into the mains power. A toolbox was subsequently provided to the subcontractors to remind them of parking requirements. The S&CLM has called resident twice (9.56AM & 10.17AM) and no response has been received.	Closed

4. Mitigation Measures

4.1. Noise and Vibration

Standard and Additional mitigation measures as applicable were implemented as per Section 7 of the Construction Noise andVibration Management Plan, and Sections 6.2 and 6.4 of the Construction Noise and Vibration Impact Statement. These were effective during the reporting period.

4.2. Water

Standard mitigation measures were implemented as per Section 6 of the Construction Soil and Water Management Plan. A new area-checklist is completed for every new area JHLORJV works is planning to commence in. This considers existing ERSED issues and assists in the developing of ERSED control plans. Controls were, identified, installed and repaired as required throughout this reporting period.

5. Conclusion

Pre-construction surface water monitoring began in March 2021, with results showing several instances of poor water quality due to detritus and turbidity. Monitoring during the September 2023 – February 2024 period indicated no adverse impacts associated with JHLOR activities.

Erosion-sediment control plans are maintained and reviewed regularly, and JHLOR conducts weekly and post rain environmental inspections. The Environment Representative also conducts bi-weekly inspections, and any observations are closed out within agreed timeframes.

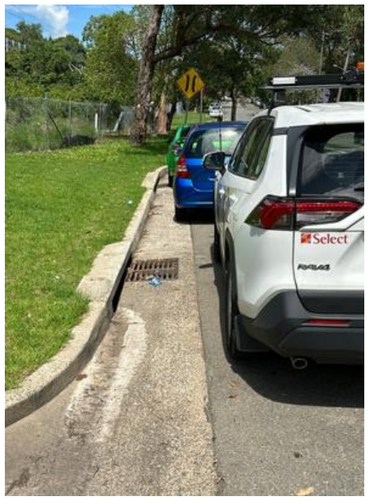
Monitoring records have validated modelled noise and are consistent with the predicted impact of construction activities on noise catchment areas, including sensitive receivers. There was one exceedance on the 3/10/23 at Belmore (location H, refer to Appendix B – September Shut 2023) of the noise predictions

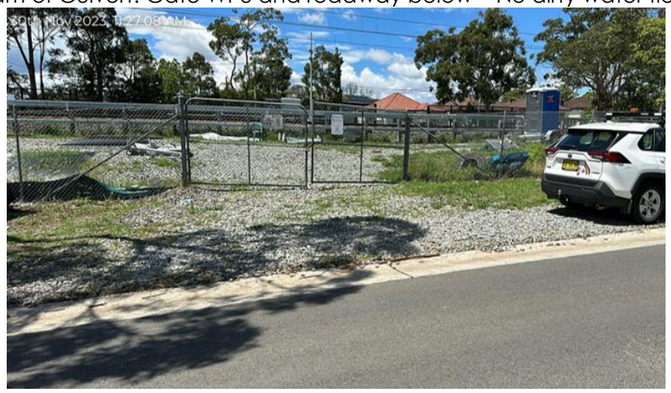
Appendix A – Sample of Water Monitoring Report

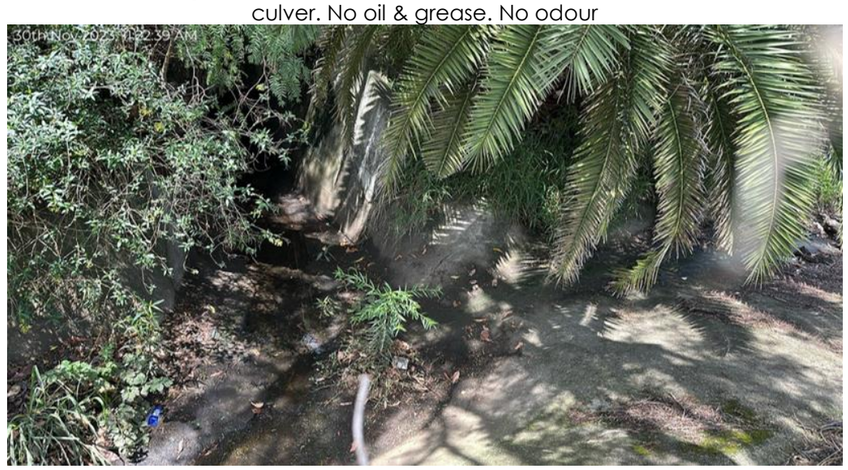
Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
Location 1 Dulwich Hill, country side, near commuter car park	No JHLOR Construction/excavation activities up at Ewart St or along the corridor near this location	**Water clarity and colour:** Water in main culvert is slightly turbid Turbid water from side inlet on LHS. No JHLOR works in the area or up at Ewart St. Unknown source. Station Contractor's black pipe from on RHS – not able to see. **Odour:** Nil **Description of flow and quantity/ Visible runoff (into the water body):** Low flow of water, but damage to vegetation indicates previously high flow **Oil and Grease:** Nil **Details of any foreign objects within the water:** Nil **Other comments/description:** N/A	 	Degraded vegetation cover in open channel - by others. Checked drainage pits up at Ewart St bridge on DOWN side - water flow looks clean.		
Location 2 Hurlstone Park, countryside	No JHLOR construction/excavation activities along the corridor near this location	**Water clarity and colour:** **Odour:** N/A **Description of flow and quantity/ Visible runoff (into the water body):** N/A **Oil and Grease:** N/A	**NO PO AVAILABLE – AREA NOT INSPECTED**	Area alongside tracks and upstream from the open culvert are heavily vegetated.		

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
		Details of any foreign objects within the water: N/A **Other comments/description:** N/A				
Location 3 West bank of Cook's River	No JHLOR construction/excavation activities along the corridor near this location	**Water clarity and colour**: Clear through SW pipe **Odour:** Nil **Description of flow and quantity/ Visible runoff (into the water body):** very low flow **Oil and Grease:** Nil **Details of any foreign objects within the water:** N/A **Other comments/description:** N/A	 	Cooks River already running brown from rain event. Wairoa St area is stabilised. No work up in this area.		

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
Location 4 Belmore Triangle Access Road	BelmoreT - access road alongside this open channel	**Water clarity and colour**: Clear through SW pipe **Odour:** Nil **Description of flow and quantity/ Visible runoff (into the water body):** very low flow **Oil and Grease:** Nil **Details of any foreign objects within the water:** N/A **Other comments/description:** N/A	 	This location is alongside a stable ballast track and is upstream from the BelmoreT stockpiles – no previous sediment impacts from these two areas **BelmoreT ERSED** Surface in the area is mostly covered by ballast. Mid batter berm intact to divide catchment. Thick vegetated area around sed fence.		
Location 5 Lakemba, country side	No JHLOR construction/excavation activities along the corridor near this location	**Water clarity and colour:** Clean water flowing through both culverts. No sign of residual sediment in floor **Downstream (North Side):** Drainage network below ground – SO NOT INSPECTED. See photos	**jDownstream (North Side)** Drainage network below ground – no visual	No excavation activities along the corridor near this location		

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
		Upstream (South side): Cleanwater in both culverts **Odour:** Nil **Description of flow and quantity/ Visible runoff (into the water body):** Low flow **Oil and Grease:** Nil **Details of any foreign objects within the water:** None **Other comments/description:** Nil	  **Upstream (South side)** 			

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
Location 6 Wiley Park, countryside.	Some security fence work in this area but none in last two weeks. Exposed surfaces covered with geofab	**Water clarity and colour:** **Downstream (Nth side):** See notes in photo section **Upstream (Sth side):** See notes in photo section **Odour:** Nil **Description of flow and quantity/ Visible runoff (into the water body):** **Oil and Grease:** Nil **Details of any foreign objects within the water:** **Other comments/description:**	**Downstream (North Side of corridor)** Area upstream of Culvert. Gate WP3 and roadway below – No dirty water flowing off site.  	WP3 access gate checked - no dirty water flowing from stabilised access down to culverts in raodway.		

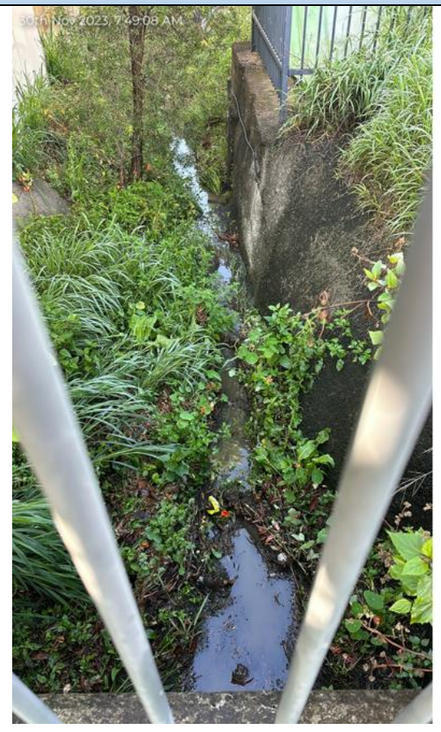
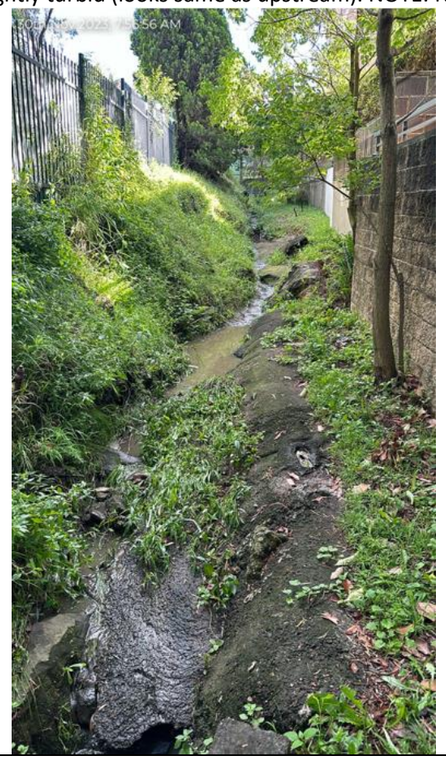
Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
			Western most culvert Very Low flow, clean water through main culvert. Small inlet from the RHS – clean very low/nil water flowing into culver. No oil & grease. No odour  Middle culvert: No flow. Culvert blocked with leaf litter. Clean water in culvert Eastern most culvert Low flow, clear water through main culvert. Inlet from the LHS – clean water flow. No oil & grease. No odour. Clear water through ERSED controls on LHS			

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
			   Upstream (Sth side of corridor) Western most culvert Low flow, clear water through culvert from upstream. No oil & grease. No odour			

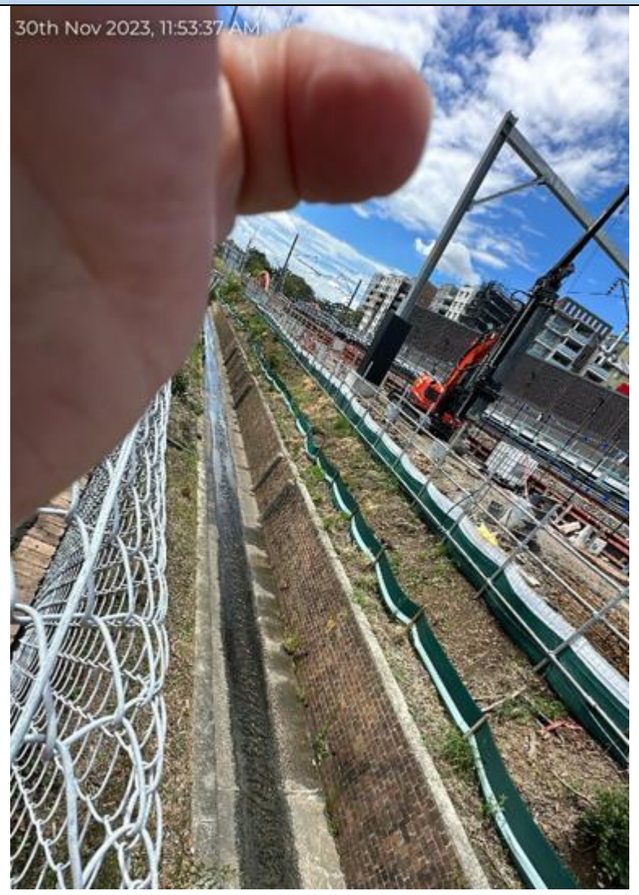
Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
			 Middle culvert Leaf litter on surface. No visual sign of flowing water. Catchment is only from a small area within the corridor either side of this culvert. Eastern most Culvert Low flow, clear water through main culvert. No signs of residual sediment on floor. No oil & grease. No odour 			

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
Location 7 Bankstown	Nil		**No PO available – not inspected – no JHLOR works in catchment** NOTE: This flow line is below ground and runs across the corridor from Nth to Sth and can be seen through pits only. They are all inside corridor			
Location 7ALT City side of Bankstown DOWN track (near Stacey St)	No JHLOR construction/excavation activities along the corridor near this location	**<u>Sth Side</u>** **Water clarity and colour:** Low flow, clear water. **Odour:** Nil **Description of flow and quantity/ Visible runoff (into the water body):** see above **Oil and Grease:** Nil **Details of any foreign objects within the water:** No debris in water **Other comments/description** Nil		No JHLOR construction/excavation activities along the corridor near this location		
Location 8 'NEW' Cant Compound	No JHLOR construction/excavation activities along the corridor near this location	**Water clarity and colour from Culvert Under Corridor.** Low flow, turbid water from across the track. No water flow water from compound hard stand/asphalt into ballast drain. Clean water ponded on Cant Compound carpark	**Inside Canterbury Compound** No noticable flow in ballast channel. Clean water ponded on Cant Compound carpark. No odour and no oil & grease	No excavation activities along the corridor near this location **NOTE 1:** Clean ponded water on asphalt surface and no flow of water off asphalt parking surface at time of inspection.		

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
		Odour: Nil **Description of flow and quantity/ Visible runoff (into the water body):** Turbid water, medium flow of water in eastern channel **Oil and Grease:** Nil **Details of any foreign objects within the water:** Nil **Other comments/description:** Nil	 **Eastern Channel. Outside Canterbury Compound boundary alongside pedestrian footpath:** <u>Upstream from JHLOR discharge point:</u> Slightly turbid water, low flow of water in eastern channel upstream. No odour and no oil & grease. Visible damage to vegetation (from earlier high flow).			

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
			 <u>Downstream from JHLOR discharge point:</u> Downstream water observed to be slightly turbid (looks same as upstream). NOTE: No signs of batter slip on LHS . 			

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
Location 9 Bankstown	Piling /augering activities along the corridor near this location. No visual sign of sediment flowing down brick culvert walls	**Water clarity and colour:** Low flow, clear water. **Odour:** Nil **Description of flow and quantity/ Visible runoff (into the water body):** see above **Oil and Grease:** Nil **Details of any foreign objects within the water:** No debris in water **Other comments/description** Nil	 			

Inspection Type:	JHLOR Construction Activities in area	Comments from Inspection of waterways	Photos	Additional Observations Are there any impacts related to JHLOR construction works	Follow up action required	Outcome of follow up action
						

Appendix B – Noise Monitoring Report

EPL 21147
R4.4 Validation Report

September Shut 2023

Ballast Skim, Tamping & Rail Adjustment, Segregation and Security Fence Panels, ULX, Platform Brackets, Bridge Works, Bankstown Activities and Cable Installation.

Document and Revision History

Document Details	
Title	R4.4 Validation Report
Client	Sydney Metro City & Southwest
JHLOR JV contract no.	K44

Revisions

Revision	Date	Description	Prepared by	Reviewed by
00	23/10/2023	Prepared for R4.4 Report	Zhengyi Zhang	Andre Kruize

Management reviews

Review date	Details	Reviewed by

Controlled: NO Copy no.: Uncontrolled: YES

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R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail: **3**

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 3
2. A copy of the community notification required under Condition L5.12 4
3. Noise monitoring as required by L5.8(d) 4
4. Details of any exceedances of predicted noise levels; 4
5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 5
6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1. 5

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight. **5**

Attachment 1 – Noise Monitoring Results **6**

Attachment 2 – Community Notification **23**

Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 and provides compliance to the various CoA noted below. The JHLOR activities included daytime and out-of-hour works (Sunday and night time periods) carried out over a two week period, between 23 September and 06 October 2023. Works was carried under condition L5.6 - Local Possessions at the following locations:

- Ballast skim, tamping & track adjustment at various locations (+-26) through corridor.
- Segregation fence – drilling for bolts & panel installation
  - From Marrickville to Dulwich Hill Station
  - From Ewart street through Hurston Park Station to Canterbury Station
  - From Canterbury Station to Belmore Station
- Security fencing – augering of holes, post & panel installation
  - Marrickville at Victoria Rd
  - Belmore Station city side
  - Wiley Park to Punchbowl
- Minor CSR activities. Installation of shallow GLT in ballast/CESS at various locations
- Under Line Crossing (ULX)
  - Dulwich Hill SM8km580
  - Hurlstone Park SM9km520,
  - Canterbury SM10km185
  - Campsie SM12km185,
  - Belmore Triangle SM13km020,
  - Belmore Station SM13km750,
  - Belmore SM14km005,
  - Wiley Park SM16km080,
  - Punchbowl at SM17km710,
- Platform brackets at stations
  - Marrickville
  - Dulwich Hill
  - Hurlstone Park
  - Canterbury
  - Campsie
  - Lakemba
- Bridge works - screen installation
  - Church Street
  - Duke Street
- Bankstown activities – ballast & embankment retainment, bonding and service searching/removal
- Cable pulling through GST at various locations through corridor
- Over Head Wiring works at various locations through corridor.

Refer to **Attachment 1** for monitoring results.

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail:

1. **Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite**

The assessment prepared for the works included modelling for the following plant and

equipment:

- Tamper, regulator and thermo welding.
- PEM LEM Track Skim Recon)
- Excavators 3T, 6 and13T (inc jack hammer attachments)
- Balloon tyre dump trucks (Hydrema)
- Light vehicles
- Trucks
- Payloader
- Handheld powered and non-powered tools
- Vac Trucks
- EWP/telehandler
- Front-end loader
- Concrete truck and line pump
- Portable Generators
- Compressors
- Compactor
- Bogie
- Water pumps
- 4T Dumpy
- 60T crane
- Site lights

2. A copy of the community notification required under Condition L5.12

A copy of the community notification can be seen in **Attachment 2**.

3. Noise monitoring as required by L5.8(d)

September Shut 2023. Real time noise monitoring was carried out at 8 locations (inside the corridor) across the project. Monitors were placed at the following locations:

a. 20m NW of 17 Warberton St, Marrickville
b. 22m NW of 7 Randall St, Marrickville
c. 35m Sth of 74-76 Floss St, Hurlstone Park
d. 10m SW of 4 Broughton St, Canterbury
e. Front yard of 39 South Parade, Campsie
f. 12m NW of 25-29 Loftus St, Campsie
g. 8m Sth of PCYC Building, 332-344 Burwood Rd, Burwood
h. 27m Sth of 12 Railway Parade, Lakemba

Refer to **Attachment 1.**

4. Details of any exceedances of predicted noise levels;

Actual noise (LAeq 15min) data was collected at the 8 monitoring location over the two week period and assessed.

There was one exceedance (on the 3/10/23 at Belmore, location H) of the noise predictions. A delay in daytime tamping activities was attributed to excessive track temperatures and stopped these critical rail works until track temperatures decreased. This had a knock-on effect and without an acceleration of this critical activity, there would have been an impact on commuter trains running by the Friday morning.

5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The following noise mitigation measures were implemented:

- All workers made aware of the expectations in relation to community and work sites through briefings at the OOHW prestart meeting.
- Works to only occur within the hours stipulated in the OOHW Permit.
- All plant, where possible to be positioned so that the exhaust (or noisiest side of the plant) is directed away from sensitive receivers.
- Plant is to be turned off when not in use
- Workers are not to shout, slam doors, drop objects or make any other unnecessary noise. Gatherings are to be away from residential properties.
- Workers are to be mindful of residents when mobilizing and demobilizing
- Noise mats are placed around standing equipment when positioned in close proximity to residents.

Additional mitigation measures in accordance with the Sydney Metro Construction Noise and Vibration Strategy were implemented which included:

- Letter box drops
- Real time noise monitoring at 8 selected locations
- A noise model was developed and where required (Sunday and nighttime periods), respite offers (RO) were provided for residents with predicted noise exceedance of over 20dB and alternative accommodation (AA) offered for residents with predicted noise exceedance of over 30dB above the background.

6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1.

The works carried out during the scheduled September Shut were completed under L5.6 (Local Possessions), as carrying out these works and activities during standard construction hours (specified in L5.1) would cause unacceptable safety risks to construction personnel, rail passenger, railways personnel safety and the railway network operational reliability.

Construction activities occurring within the rail corridor/danger zone can only be safely conducted during a rail possession and the absence of trains. All feasible and reasonable at-source noise controls were implements in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight.

This R4.4 Validation report has been submitted within the period above.

Attachment 1 – Noise Monitoring Results

- Monitoring Result
- Monitoring Location

Table 1. Continues monitoring result for Monitoring Location A

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 01 • Continuous Monitoring • 20m NW of 17 Warburton St, Marrickville • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	66	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	76	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 58 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (58 dB) is lower than the predicted level (76 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
3		24/09/2023	Day to Evening 7:00 to 22:00			70	76	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 70 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (70 dB) is lower than the predicted level (76 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	70	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (60 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
5		25/09/2023	Day to Evening 7:00 to 22:00			66	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	40	**Yes**	• RBL: 33 • The noise monitor recorded a highest LAeq15min value of 52 dB. The nighttime noise level of 52 dB appears consistent with the actual background noise when there are no construction activities (see 26, 27, 28 & 29/09/23). In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00.
7		26/09/2023	Day to Evening 7:00 to 22:00			67	Normal construction hours 7:00 – 18:00, no construction after 18:00		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			49	No construction activity		
9		27/09/2023	Day to Evening 7:00 to 22:00			58	Normal construction hours 7:00 – 18:00, no construction after 18:00		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	No construction activity		
11		28/09/2023	Day to Evening 7:00 to 22:00			67	Normal construction hours 7:00 – 18:00, no construction after 18:00		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			48	No construction activity		
13		29/09/2023	Day to Evening 7:00 to 22:00			58	Normal construction hours 7:00 – 18:00, no construction after 18:00		
14		29/09/2023 To 30/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	No construction activity		
15		30/09/2023	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		

16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			65	72	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (65 dB) is lower than the predicted level (72 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
17		01/10/2023	Day to Evening 7:00 to 22:00			60	57	**Yes**	• RBL: 38 • The noise monitor recorded a highest LAeq15min value of 60 dB. The daytime noise level of 60 dB appears consistent with the actual background noise when there are no construction activities (see 2, 3 & 4/10/23). In this respect exceedance was considered not to be influenced by construction activities between the hours 07:00 to 22:00.
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	69	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
19		02/10/2023	Day to Evening 7:00 to 22:00			57	57	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (57 dB) aligns with the predicted level (57 dB)
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	No construction activity		
21		03/10/2023	Day to Evening 7:00 to 22:00			52	Normal construction hours 7:00 – 18:00, no construction after 18:00		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	No construction activity		
23		04/10/2023	Day to Evening 7:00 to 22:00			59	Normal construction hours 7:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	No construction activity		

Table 2. Continues monitoring result for Monitoring Location B

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 02 • Continuous Monitoring • 22m NW of 7 Randall St, Marrickville • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	55	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			43	63	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 43 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (43 dB) is lower than the predicted level (63 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
3		24/09/2023	Day to Evening 7:00 to 22:00			54	65	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	No construction activity		
5		25/09/2023	Day to Evening 7:00 to 22:00			52	Normal construction hours 7:00 – 18:00, no construction after 18:00		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			49	No construction activity		
7		26/09/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, no construction after 18:00		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			44	No construction activity		
9		27/09/2023	Day to Evening 7:00 to 22:00			51	Normal construction hours 7:00 – 18:00, no construction after 18:00		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	No construction activity		
11		28/09/2023	Day to Evening 7:00 to 22:00			69	Normal construction hours 7:00 – 18:00, no construction after 18:00		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			46	No construction activity		
13		29/09/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, no construction after 18:00		
14		29/09/2023 To 30/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	No construction activity		
15		30/09/2023	Day to Evening 7:00 to 22:00			52	Normal construction hours 8:00 – 18:00, no construction after 18:00		
16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	No construction activity		
17		01/10/2023	Day to Evening 7:00 to 22:00			65	57	**Yes**	• RBL: 38 • Noise monitor detect highest LAeq15min value of 65 dB due to construction related activities between the hours 07:00 to 22:00. Although the actual noise is higher than the predicted noise, there is still no respite triggered at this location. • **Predicted noise levels (weekend daytime works) in this area did not trigger offers for Respite.** • **Actual noise levels (weekend daytime works) in this area did not trigger offers for**

									Respite.
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	67	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
19		02/10/2023	Day to Evening 7:00 to 22:00			51	19[1]	**Yes**	• RBL: 38 • The noise monitor recorded a highest LAeq15min value of 51 dB. This daytime noise level of 51 dB appears consistent with the actual background noise when there are no construction activities (see 3 & 4/10/23). In this respect exceedance was considered not to be influenced by construction activities between the hours 07:00 to 22:00
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	37	**Yes**	• RBL: 33 • The noise monitor recorded a highest LAeq15min value of 50 dB. The nighttime noise level of 50 dB appears consistent with the actual background noise when there are no construction activities (see 3 & 4/10/23). In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00.
21		03/10/2023	Day to Evening 7:00 to 22:00			52	Normal construction hours 7:00 – 18:00, no construction after 18:00		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	No construction activity		
23		04/10/2023	Day to Evening 7:00 to 22:00			55	Normal construction hours 7:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	No construction activity		

[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away and beyond the distance that the model can modelling.

Table 3. Continues monitoring result for Monitoring Location C

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 03 • Continuous Monitoring • 35m Sth of 74-76 Floss St, Hurlstone Park • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	54	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			43	No construction activity		
3		24/09/2023	Day to Evening 7:00 to 22:00			50	66	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (50 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	No construction activity		
5		25/09/2023	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, no construction after 18:00		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	No construction activity		
7		26/09/2023	Day to Evening 7:00 to 22:00			53	Normal construction hours 7:00 – 18:00, no construction after 18:00		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			48	No construction activity		
9		27/09/2023	Day to Evening 7:00 to 22:00			57	Normal construction hours 7:00 – 18:00, no construction after 18:00		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			58	No construction activity		
11		28/09/2023	Day to Evening 7:00 to 22:00			51	Normal construction hours 7:00 – 18:00, no construction after 18:00		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			45	No construction activity		
13		29/09/2023	Day to Evening 7:00 to 22:00			49	Normal construction hours 7:00 – 18:00, no construction after 18:00		
14		29/09/2023 To 30/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			44	No construction activity		
15		30/09/2023	Day to Evening 7:00 to 22:00			47	Normal construction hours 8:00 – 18:00, no construction after 18:00		
16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			44	No construction activity		
17		01/10/2023	Day to Evening 7:00 to 22:00			54	65	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from			61	No construction activity		

			18:00 to 7:00)						
19		02/10/2023	Day to Evening 7:00 to 22:00			47	65	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 47 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			44	61	**Yes**	• RBL: 34 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 44 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (44 dB) is lower than the predicted level (61 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
21		03/10/2023	Day to Evening 7:00 to 22:00			49	Normal construction hours 7:00 – 18:00, no construction after 18:00		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	No construction activity		
23		04/10/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	No construction activity		

Table 4. Continues monitoring result for Monitoring Location D

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 04 • Continuous Monitoring • 10m SW of 4 Broughton St, Canterbury • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	50	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			45	No construction activity		
3		24/09/2023	Day to Evening 7:00 to 22:00			50	58	**Yes**	• RBL: 40 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (50 dB) is lower than the predicted level (58 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			48	No construction activity		
5		25/09/2023	Day to Evening 7:00 to 22:00			60	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			59	70	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (59 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		26/09/2023	Day to Evening 7:00 to 22:00			57	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	70	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (50 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		27/09/2023	Day to Evening 7:00 to 22:00			52	Normal construction hours 7:00 – 18:00, no construction after 18:00		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			53	No construction activity		
11		28/09/2023	Day to Evening 7:00 to 22:00			52	Normal construction hours 7:00 – 18:00, no construction after 18:00		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			49	No construction activity		
13		29/09/2023	Day to Evening 7:00 to 22:00			69	Normal construction hours 7:00 – 18:00, no construction after 18:00		
14		29/09/2023 To 30/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	No construction activity		
15		30/09/2023	Day to Evening 7:00 to 22:00			56	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	56	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 47 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (56 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
17		01/10/2023	Day to Evening 7:00 to 22:00			53	63	**Yes**	• RBL: 40 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise

									between the hours of 07:00 to 22:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (63 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			64	67	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
19		02/10/2023	Day to Evening 7:00 to 22:00			65	68	**Yes**	• RBL: 40 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (65 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 47 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
21		03/10/2023	Day to Evening 7:00 to 22:00			56	Normal construction hours 7:00 – 18:00, no construction after 18:00		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			66	No construction activity		
23		04/10/2023	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			NA	No construction activity		

Table 5. Continues monitoring result for Monitoring Location E

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 06 • Continuous Monitoring • Front yard of 39 South Parade, Campsie • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	51	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	No construction activity		
3		24/09/2023	Day to Evening 7:00 to 22:00			51	62	**Yes**	• RBL: 45 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (62 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	19[1]	**Yes**	• RBL: 35 • The noise monitor recorded a highest LAeq15min value of 52 dB. The nighttime noise level of 52 dB is consistent with actual background noise when there are construction activities (see 24, 25 & 27/09/23). As these construction activities where significantly far away from the monitor to have no impact, the noise model predicted noise levels lower than the RBL. • During this period the actual night time RBL of 52 dB is higher than the RBL of 35dB. The exceedance was considered not to be influenced by construction activities. • **Predicted noise levels (weekend works) near this area do not trigger offers for Respite.** • **Actual noise levels (weekend works) in this area do not trigger offers for Respite.**
5		25/09/2023	Day to Evening 7:00 to 22:00			52	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	23[1]	**Yes**	• RBL: 35 • The noise monitor recorded a highest LAeq15min value of 52 dB. The nighttime noise level of 52 dB is consistent with actual background noise when there are construction activities (see 24, 25 & 27/09/23). As these construction activities where significantly far away from the monitor to have no impact, the noise model predicted noise levels lower than the RBL. • During this period the actual night time RBL of 52 dB is higher than the RBL of 35dB. The exceedance was considered not to be influenced by construction activities. • **Predicted noise levels (nightshift works) in this area do not trigger offers for Respite.** • **Actual noise levels (nightshift works) in this area do not trigger offers for Respite.**
7		26/09/2023	Day to Evening 7:00 to 22:00			56	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	67	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		27/09/2023	Day to Evening 7:00 to 22:00			60	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	23[1]	**Yes**	• RBL: 35 • The noise monitor recorded a highest LAeq15min value of 524 dB. The nighttime noise level of 54 dB is consistent with actual background noise when there are construction activities (see 24, 25 & 27/09/23). As these construction activities where significantly far away from the monitor to have no impact, the noise model predicted noise levels lower than the RBL. • During this period the actual night time RBL of 52 dB is higher than the RBL of 35dB. The exceedance was considered not to be influenced by construction activities. • **Predicted noise levels (nightshift works) in this area do not trigger offers for Respite.** • **Actual noise levels (nightshift works) in this area do not trigger offers for Respite.**
11		28/09/2023	Day to Evening 7:00 to 22:00			57	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	63	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (63 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
13		29/09/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
14		29/09/2023 To	Night 22:00 to 7:00			50	71	**Yes**	• RBL: 35 • LAeq15min below predictions.

		30/09/2023	(Modeled from 18:00 to 7:00)					• Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (50 dB) is lower than the predicted level (71 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
15		30/09/2023	Day to Evening 7:00 to 22:00		56	Normal construction hours 8:00 – 18:00, no construction after 18:00		
16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		48	No construction activity		
17		01/10/2023	Day to Evening 7:00 to 22:00		55	65	**Yes**	• RBL: 45 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		51	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
19		02/10/2023	Day to Evening 7:00 to 22:00		53	67	**Yes**	• RBL: 45 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		51	65	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
21		03/10/2023	Day to Evening 7:00 to 22:00		55	Normal construction hours 8:00 – 18:00, no construction after 18:00		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		58	No construction activity		
23		04/10/2023	Day to Evening 7:00 to 22:00		60	Normal construction hours 8:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)		54	No construction activity		

[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away and beyond the distance that the model can modelling.

Table 6. Continues monitoring result for Monitoring Location F

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 07 • Continuous Monitoring • 12m NW of 25-29 Loftus St, Campsie • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	62	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			53	72	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (72 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
3		24/09/2023	Day to Evening 7:00 to 22:00			62	72	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (62 dB) is lower than the predicted level (72 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			51	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
5		25/09/2023	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		26/09/2023	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		27/09/2023	Day to Evening 7:00 to 22:00			64	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			51	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
11		28/09/2023	Day to Evening 7:00 to 22:00			60	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			53	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
13		29/09/2023	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
14		29/09/2023 To 30/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			48	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 48 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (48 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**

15		30/09/2023	Day to Evening 7:00 to 22:00			59	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			43	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 43 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (43 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
17		01/10/2023	Day to Evening 7:00 to 22:00			54	77	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (77 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
19		02/10/2023	Day to Evening 7:00 to 22:00			55	67	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (weekend works) in this area do not triggered offers for Respite.**
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			56	69	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
21		03/10/2023	Day to Evening 7:00 to 22:00			64	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	39	**Yes**	• RBL: 35 • The noise monitor recorded a highest LAeq15min value of 52 dB. The nighttime noise level of 52 dB appears consistent with the actual background noise when there are no construction activities (see 4/10/23). In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00. • **Predicted noise levels (nightshift works) in this area do not trigger offers for Respite.** • **Actual noise levels (nightshift works) in this area do not trigger offers for Respite.**
23		04/10/2023	Day to Evening 7:00 to 22:00			61	Normal construction hours 7:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	No construction activity		

Table 7. Continues monitoring result for Monitoring Location G

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 07 • Continuous Monitoring • 8m Sth of PCYC Building, 332-344 Burwood Rd, Burwood • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	66	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	62	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (50 dB) is lower than the predicted level (62 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
3		24/09/2023	Day to Evening 7:00 to 22:00			61	70	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (61 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
5		25/09/2023	Day to Evening 7:00 to 22:00			57	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			49	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 49 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (49 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		26/09/2023	Day to Evening 7:00 to 22:00			53	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 47 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		27/09/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
11		28/09/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
13		29/09/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
14		29/09/2023 To 30/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 47 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**

15		30/09/2023	Day to Evening 7:00 to 22:00			48	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			49	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 49 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (49 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
17		01/10/2023	Day to Evening 7:00 to 22:00			55	68	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	68	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
19		02/10/2023	Day to Evening 7:00 to 22:00			51	69	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			48	20[1]	**Yes**	• RBL: 35 • The noise monitor recorded a highest LAeq15min value of 48 dB. The nighttime noise level of 48 dB is consistent with actual background noise when there are construction activities (see 29, 30, 03 & 04/09/23). As these construction activities where significantly far away from the monitor to have no impact, the noise model predicted noise levels lower than the RBL. • During this period the actual nighttime RBL of 48 dB is higher than the RBL of 35dB. The exceedance was considered not to be influenced by construction activities. • **Predicted noise levels (P/H works) in this area do not trigger offers for Respite.** • **Actual noise levels (P/H works) in this area do not trigger offers for Respite.**
21		03/10/2023	Day to Evening 7:00 to 22:00			53	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	38	**Yes**	• RBL: 35 • The noise monitor recorded a highest LAeq15min value of 48 dB. The nighttime noise level of 48 dB appears consistent with the actual background noise when there are no construction activities (see 3 & 4/10/23). In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 • **Predicted noise levels (nightshift works) in this area do not trigger offers for Respite.** • **Actual noise levels (nightshift works) in this area do not trigger offers for Respite.**
23		04/10/2023	Day to Evening 7:00 to 22:00			55	Normal construction hours 7:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			51	No construction activity		

[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away and beyond the distance that the program can model.

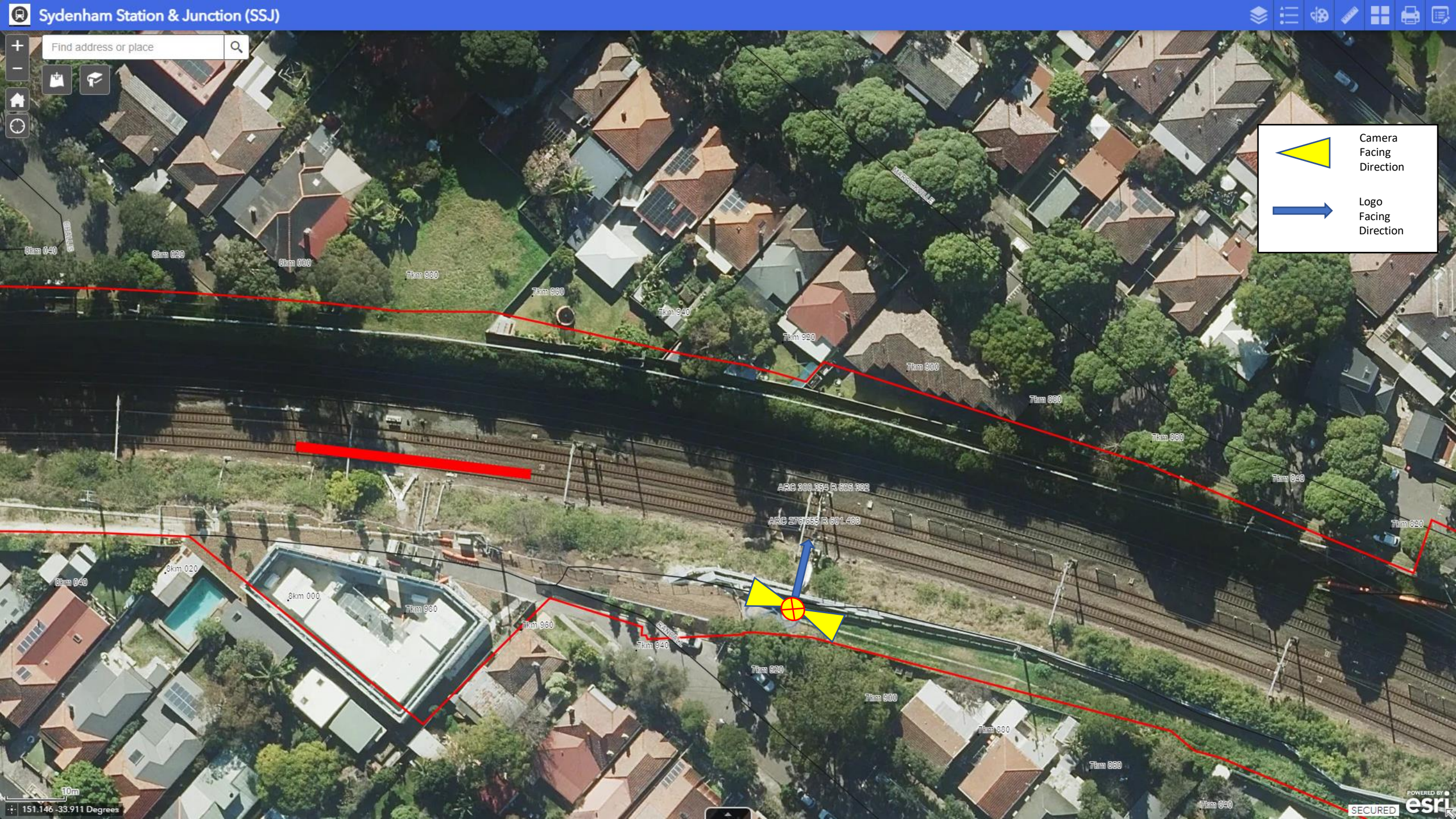
Table 8. Continues monitoring result for Monitoring Location H

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 08 • Continuous Monitoring • 27m Sth of 12 Railway Parade, Lakemba • 23/09/2023 7:00 AM to 05/10/2023 7:00 AM	23/09/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	56	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		23/09/2023 To 24/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			49	No construction activity		
3		24/09/2023	Day to Evening 7:00 to 22:00			55	No construction activity		
4		24/09/2023 To 25/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	No construction activity		
5		25/09/2023	Day to Evening 7:00 to 22:00			53	Normal construction hours 7:00 – 18:00, no construction after 18:00		
6		25/09/2023 To 26/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	No construction activity		
7		26/09/2023	Day to Evening 7:00 to 22:00			54	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		26/09/2023 To 27/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	66	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		27/09/2023	Day to Evening 7:00 to 22:00			59	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
10		27/09/2023 To 28/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			61	66	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (61 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
11		28/09/2023	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
12		28/09/2023 To 29/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	66	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
13		29/09/2023	Day to Evening 7:00 to 22:00			60	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
14		29/09/2023 To 30/09/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			50	66	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 50 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (50 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
15		30/09/2023	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
16		30/09/2023 To 01/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			49	29[1]	**Yes**	• RBL: 41 • The noise monitor recorded a highest LAeq15min value of 49 dB. The nighttime noise level of 49 dB appears lower than the actual background noise when there are no construction activities (see 3 & 4/10/23). In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00. • The noise model predicted noise level lower than the RBL. JHLOR related construction activities are far away. • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**

									• **Actual noise levels (weekend works) in this area do not trigger offers for Respite.**
17		01/10/2023	Day to Evening 7:00 to 22:00			57	69	**Yes**	• RBL: 47 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
18		01/10/2023 To 02/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			56	56	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (56 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite.**
19		02/10/2023	Day to Evening 7:00 to 22:00			51	69	**Yes**	• RBL: 47 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area do not trigger offers for Respite.**
20		02/10/2023 To 03/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			66 (Calculated highest LAeq in work period at the nearest resident is 62)	60	**NO**	• RBL: 41 • LAeq15min was above predictions. • Noise monitor detect highest LAeq15min value of 66 dB due to general construction noise between the hours of 22:00 to 07:00. • The calculated highest LAeq during this work period (62 dB) at the nearest resident was above the predicted level (60 dB) • **The original predicted noise levels (P/H works) in this area did not trigger offers for Respite, however these actual noise levels (P/H works) in this area triggered offers for Respite.**
21		03/10/2023	Day to Evening 7:00 to 22:00			72	Normal construction hours 7:00 – 18:00, no construction after 18:00		
22		03/10/2023 To 04/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	No construction activity		
23		04/10/2023	Day to Evening 7:00 to 22:00			57	Normal construction hours 7:00 – 18:00, no construction after 18:00		
24		04/10/2023 To 05/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	No construction activity		

[1] The predicted noise level is lower than the RBL, JHLOR related construction activities are far away and beyond the distance that the program can model.

Sydenham Station & Junction (SSJ)
Find address or place
Camera Facing Direction
Logo Facing Direction
7km 440
7km 420
7km 400
7km 380
7km 360
7km 340
7km 320
7km 300
7km 280
7km 260
7km 460
7km 480
TRS 7km 414.278
ARC 58.823 R 1148.317
ARC 79.389 R 1150.017
TRS 7km 485.544
TP 7km 366.226
L 48.953
L 34.815
TRS 7km 415.213
TP 7km 269.094
L 39.089
L 35.885
TP 7km 280.775
10m
151.151 -33.914 Degrees
SECURED
esri


Sydenham Station & Junction (SSJ)
Find address or place
Camera Facing Direction
Logo Facing Direction
10m
151.146 -33.911 Degrees
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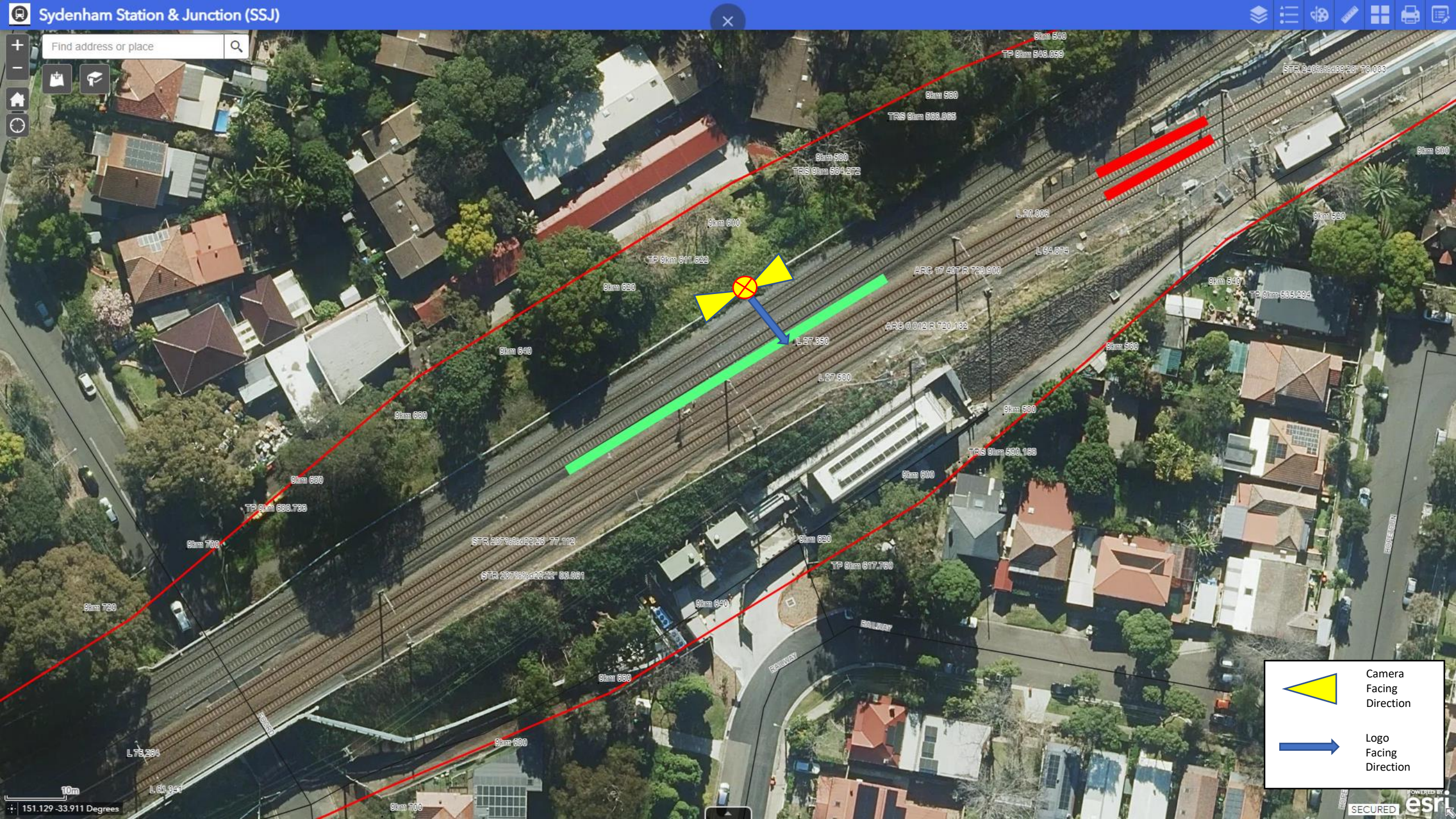
Sydenham Station & Junction (SSJ)
Find address or place
9km 540
TP 9km 548.039
9km 560
TRS 9km 568.085
9km 580
TRS 9km 584.272
9km 600
TP 9km 611.822
9km 620
9km 640
9km 660
9km 680
TP 9km 688.788
9km 700
9km 720
9km 740
L 76.284
L 50.341
9km 700
9km 680
TP 9km 685.294
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ARC 0.912 R 720.132
L 27.390
L 27.500
STR 287°48'22.26" 77.112
STR 287°48'22.22" 65.661
RAILWAY
RAILWAY
FORBES ST
10m
151.129 -33.911 Degrees
Camera Facing Direction
Logo Facing Direction
SECURED
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Sydenham Station & Junction (SSJ)

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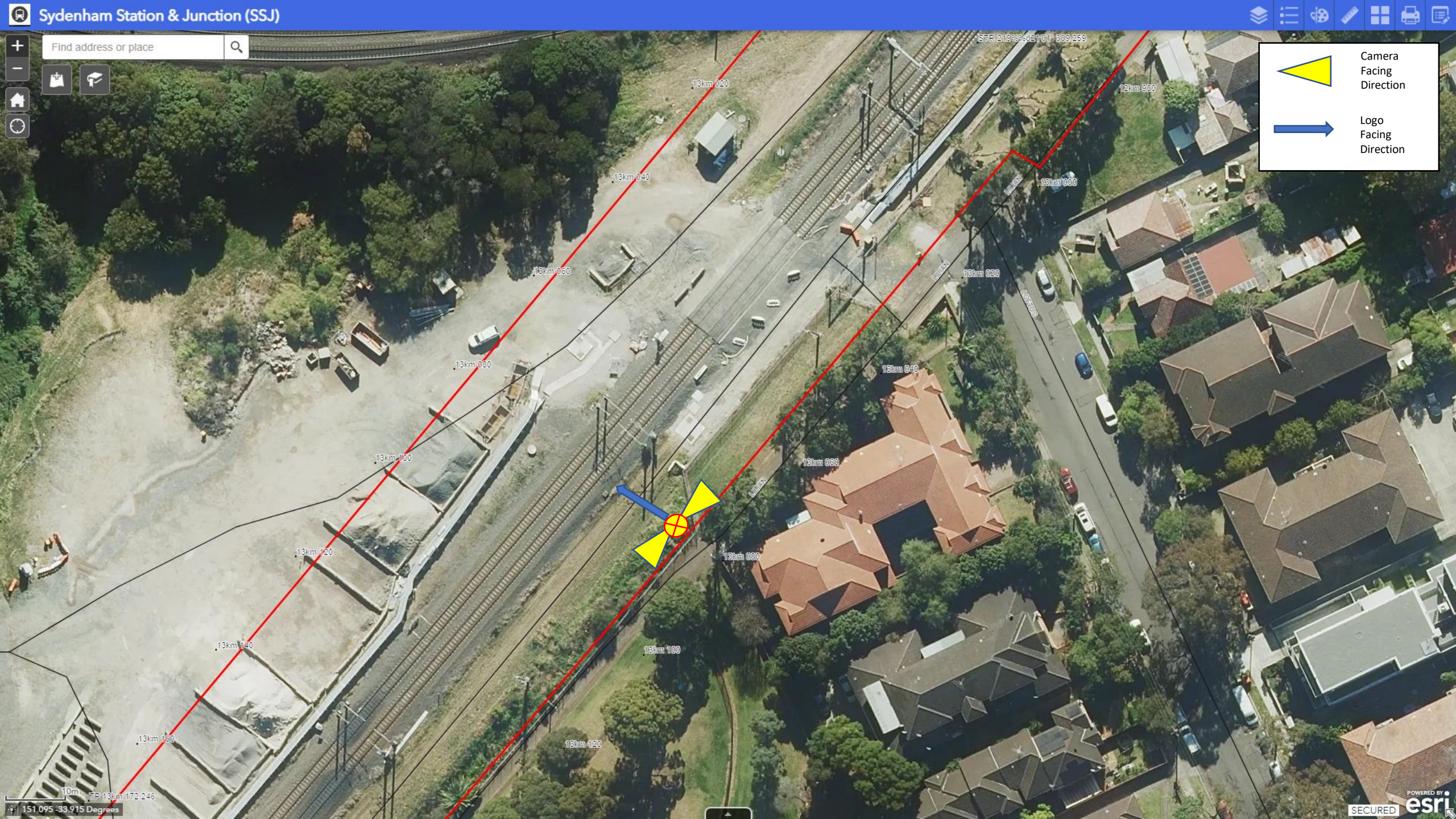
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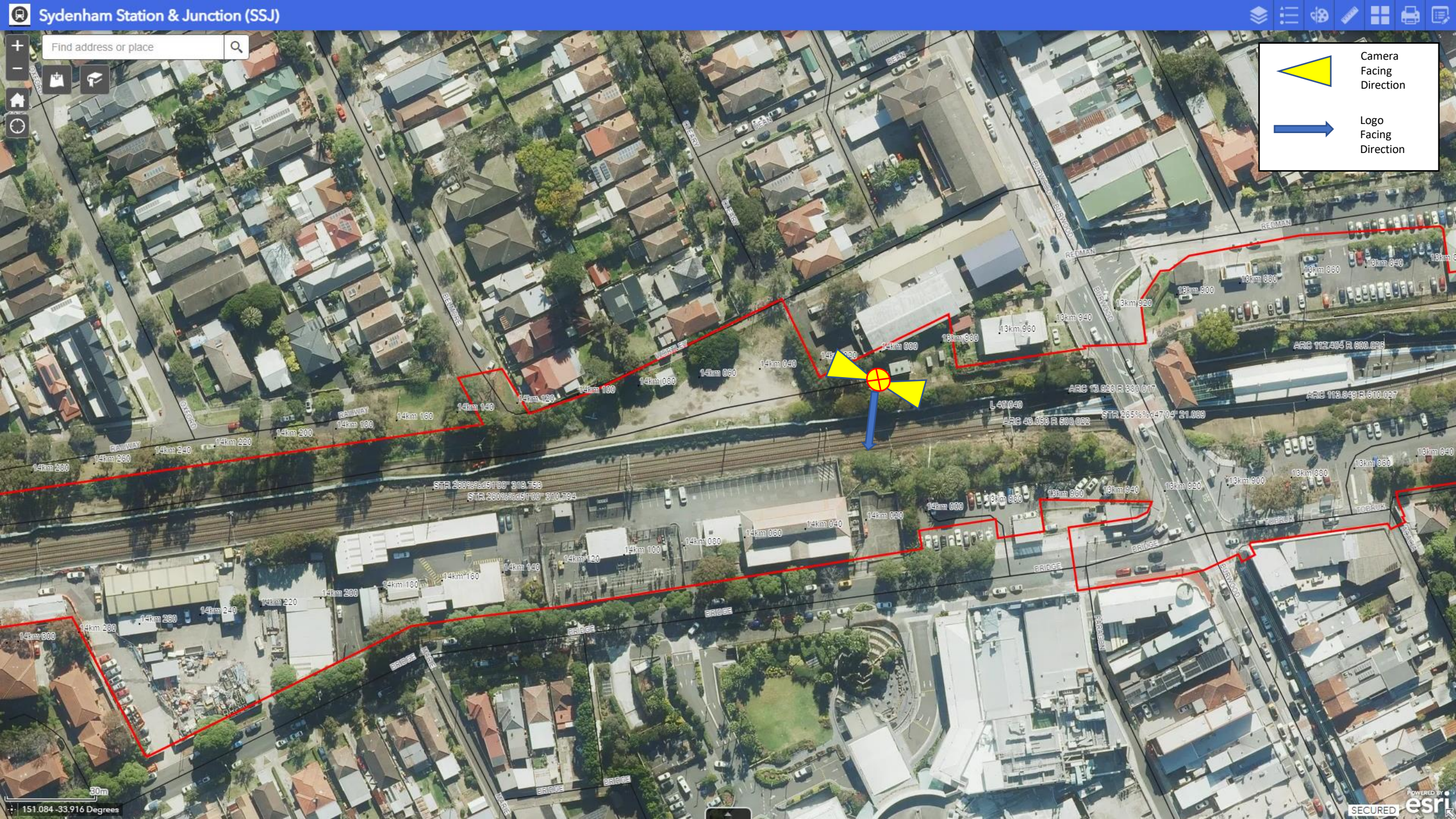
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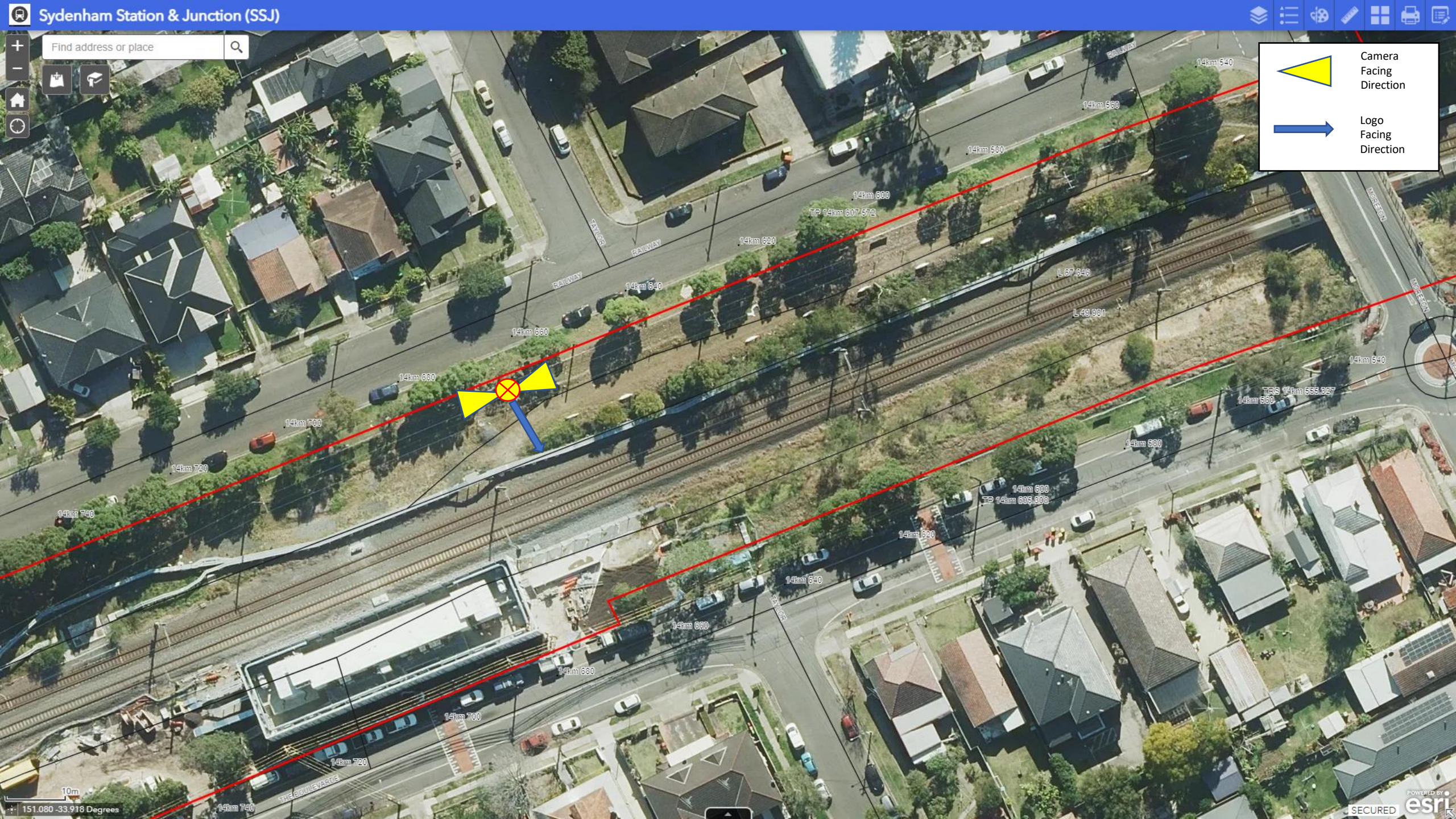
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Attachment 2 – Community Notification

Community Notifications were provided to residents of:

- Sydenham
- Marrickville
- Canterbury
- Hurlstone Park
- Dulwich Hill
- Campsie
- Belmore
- Wiley Park
- Punchbowl to Bankstown

Please refer to the following community notifications for works undertaken at the previously stated locations.

City & Southwest

Notification – Belmore

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle
- Keep a look out for trucks and heavy equipment deliveries near the train stations

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In September, work will continue along the corridor and at Belmore Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, Monday to Friday 7am-6pm and Saturday 8am-6pm. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Belmore (along the rail corridor)	• Testing & commissioning at the Station • Minor defect work • Galvanised steel trough (GST) strapping in the rail corridor • Internal works at station platform • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work
Around Belmore Station and at the services building site (off Redman Parade, adjacent to the rail line)	• Testing and commissioning at services building • Minor defect work • Ongoing termination work at services building • Local cabling for padmounts • Installation of brackets and contaminants on station platform
Belmore site compound (Bridge Road)	• Delivery and storage of materials, including cables, cable drums, light and heavy vehicles • Ongoing truck and traffic movements into and out of site, occasionally managed by traffic control
Lakemba substation, off The Boulevarde, near Taylor Street	• Installation of perimeter fencing • Traffic control to facilitate truck movements on The Boulevarde • Installing cables and cable supports, conduits, transformers, and mechanical and electrical fit out • Landscaping, including planting, maintenance of new trees and shrubs • Site amenities relocation

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and galvanised steel troughing • Security fence post installation • Various works related to the segregation fencing within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor • High voltage cabling and other electrical installation work in the rail corridor and substations • Voltage Limiting Device (VLD) negative cabling works • Deliver and install VMD units and cabling
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, hi-rail vehicles, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julie** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours
southwestmetro@transport.nsw.gov.au
Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240
If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Campsie

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle
- Keep a look out for trucks and heavy equipment deliveries near the train stations

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In September, work will continue along the corridor and at Campsie Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, Monday to Friday 7am-6pm and Saturday 8am-6pm. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Campsie (along the rail corridor)	• Testing and jointing cables • Fit and strap covers to galvanised steel troughing (GST) along rail corridor • Demobilisation and change over of site amenities and offices for station upgrades • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Single lane closure north and south bound at Wairoa St bridge on Wednesday 6th September to conduct crash beam inspection • Internal work at Campsie Station platform
Around Campsie Station	• Completing building services • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrade • Installation of brackets and containments on station platform
Services building site at Lilian Lane opposite Dewar Street	• Ongoing termination work • Local cabling for padmounts • Completing building services • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrades
Substation site (Off Lilian Street)	• Traffic controllers to facilitate truck movements on Lilian Street • Bulk power supply installation into the traction substation • Installing cables and cable supports, and mechanical and electrical fit out • Landscaping, including planting and maintenance of new trees and shrubs

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport

for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and GST • Security fence post installation and work related to segregation fencing within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along rail corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage Limiting Device (VLD) negative cabling works • Delivery and installation of VMD units and cabling around the station • Temporary removal of parking spaces adjacent to the rail corridor along North and South Parade • Modification to the Duke Street footbridge, including temporary closure with pedestrian detour via Beamish Street
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor

Equipment used for the above work will include heavy machinery (including but not limited to excavators, trucks, hi-rail vehicles, hydraulic ram, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to scheduled work will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Stacy** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Canterbury

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October 2023 for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle
- Keep a look out for trucks and heavy equipment deliveries near the train stations

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In September, work will continue along the corridor and at Canterbury Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Canterbury (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Single lane closure north and south bound at Wairoa St bridge on Wednesday 6th September • Electrical work within the rail corridor and galvanised steel troughing (GST) strapping
Around Canterbury station	• Storage and removal of materials and plant and defect work • Station equipment rooms work and local cabling for padmount • Cladding and work on the station concourse building • Installation of equipment for lifts on Platform 0/1 and 2 • Electrical containment installation on Platform 0/1 and 2 and pedestrian ramp, light fittings and building services on Platform 0/1 and 2 • Remediation and painting work for existing structural steel • Installation of electricals, running cables and civil and remediation work at services building • Demobilisation of amenities from carpark and storage areas at 6 Charles and 6 Broughton streets • Ongoing termination and testing work at services building • Installation of brackets and contaminants on the station platform
Former Bowling Club	• Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Temporary parking impacts on Close Street • Vegetation management
Substation site off Hutton Street	• Site demobilisation • Installing cables, cable supports, and mechanical and electrical fit out • Traffic controllers to facilitate truck movements on Hutton Street • Landscaping, including planting, maintenance of new trees and shrubs

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

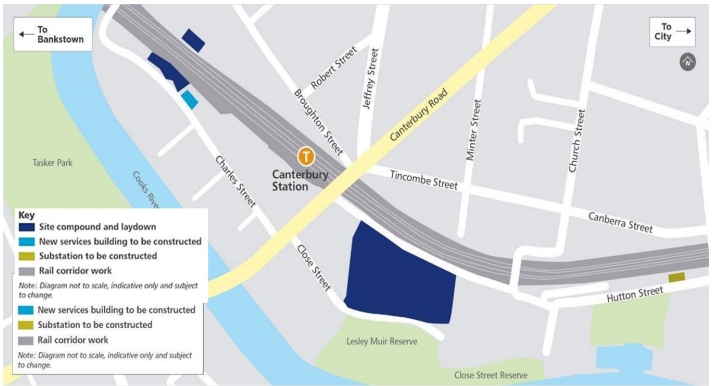
Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October***	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and GST • Various works related to the segregation fencing within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor • Modification work at Church Street footbridge including temporary closure of Church Street footbridge and temporary removal of parking along Church Street cul-de-sac (pedestrian diversions via Church Street, Tincombe Street, Canterbury Road and the public footpath between the rail corridor and the former Canterbury Bowls Club) • Pit lid replacement on platform • High voltage cabling and other electrical installation work along rail corridor and at substation
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Bus stops lighting work on Broughton Street • Installation of brackets on station platform • Fit and strap covers to GST along rail corridor • Delivery of Voltage Limiting Device (VLD) and negative cabling work • Fit out of station equipment rooms and buildings • Installation of trackside equipment and cables • High voltage cabling and other electrical installation work • Temporary parking impacts on Close Street

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24-hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.



Thank you for your cooperation while we complete this essential work.

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Dulwich Hill

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle.
- Keep a look out for trucks and heavy equipment deliveries near the train stations

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

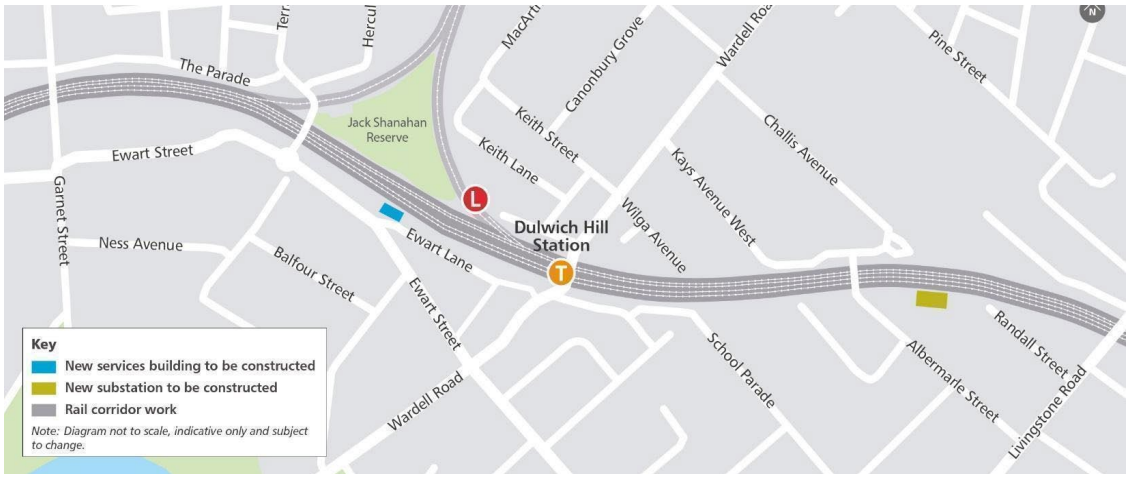
In September, work will continue along the corridor and at Dulwich Hill Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, Monday to Friday 7am-6pm and Saturday 8am-6pm. You may also notice an increase in plant and materials being removed from our sites as contractors complete their scope along the alignment.

Location	Details of work during standard construction hours (daytime)
Dulwich Hill (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Internal work at station platform and defect rectification • Testing and jointing and fit and strap covers to galvanise steel troughing (GST) along rail corridor
Around Dulwich Hill Station	• Finishing work to the new footbridge, including brick work and tie-ins • Fit out and services work within new platform building • Installation of in-ground services, concrete slabs, footpaths and stairs within new plaza area • Paving, fencing and finishing work at new plaza area • Installation of brackets and contaminants on the station platform
Services building site at Ewart Lane	• Installation of building services and equipment within building • Installation of in-ground services and drainage and remaining concrete slabs and footings • Installation of permanent steel access stairs • Asphalting at new driveway and around padmount substations • Fencing work, ongoing termination work and local cabling for padmounts
Substation site (off Randall Street behind Albermarle Street, Marrickville)	• Traffic control to facilitate truck movements from Livingstone Road into Randall Street • Installing cables, cable supports, cable tray structure as well as mechanical and electrical fit out • Landscaping, including planting, maintenance of new trees and shrubs

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October 2023***	• Installation of gutters to new platform stair canopies • Installation of new lighting and electrical cabling on platforms and asphalting activities • Painting of existing concourse building • Minor defect rectification work around platforms • Fit and strap covers to GST along rail corridor • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and GST • Various activities related to segregation fencing within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Deliver and install electrical units and cabling, including cable pulling • Delivery of Voltage Limiting Device (VLD) and negative cabling work

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Claire** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

Notification – Hurlstone Park

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle
- Keep a look out for trucks and heavy equipment deliveries near the train stations

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown in 2025.

In September, work will continue along the corridor and at Hurlstone Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, Monday to Friday 7am-6pm and Saturday 8am-6pm. You may also notice an increase in plant and materials being removed from our sites as contractors complete their scope along the alignment.

Location	Details of work during standard construction hours (daytime)
Hurlstone Park (along the rail corridor)	• Installation of fencing, cables and cable service route (CSR) including cable pulling • Work associated with installation of future boundary fence • Landscaping work • Site investigations, surveys, defect work and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Galvanised steel troughing (GST) strapping in rail corridor
Around Hurlstone Park Station	• Utilisation of access gates and laydown areas at Keir Avenue, The Parade, Ewart Street, Railway Street and Foord Avenue and delivery of construction plant and materials • Footpath closures for footpath works with pedestrian and traffic detours in place and traffic control • High level containment work for electrical and communication services • Ceiling work at the concourse and on the stairs • Platform and other fencing work and platform equipment installation • Site shed layout adjustments as required to facilitate ongoing construction work • Landscaping work, concourse furniture installation and defect rectification work • Ongoing occupation of Floss Street car park site shed (extended to September 2023)
Services building site off Railway Street	• Site investigations, surveys and associated activities • Delivery of construction plant and material • Installation of fencing, cables, and cable service route (CSR) and GST • Work associated with installation of future boundary fence • FRP work around services building • Minor roofing and wall cladding works • Services connections for chiller units and local cabling for padmount • Services installation within building structures including cladding and doors to progress building works • Landscaping work • Site shed layout adjustments as required to facilitate ongoing construction work • Ongoing termination work at services building

Substation site, off Hutton Street	• Site demobilisation • Installing cables, cable supports, and mechanical and electrical fit out • Traffic controllers to facilitate truck movements on Hutton Street • Landscaping, including planting, maintenance of new trees and shrubs

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October 2023***	• Site investigations, surveys and associated activities. • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and GST • Various work related to segregation fencing within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage limiting device (VLD) negative cabling works • Concourse epoxy installation and concourse furniture and tactiles • Installation of containment for interim camera(s) • Delivery and installation of VMD units and cabling
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email linewideMetro@transport.nsw.gov.au. For all other works please ask for **Julie** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Lakemba

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October 2023 for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle
- Keep a look out for trucks and heavy equipment deliveries near the train stations

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In September, work will continue along the corridor and at Lakemba Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.** You may also notice an increase in plant and materials being removed from our sites as contractors complete their scope along the alignment.

Location	Details of work during standard construction hours (daytime)
Lakemba (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities and any required defect work • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Testing and jointing cables within the rail corridor and internal work at the station platform • Fit and strap covers to galvanised steel troughing (GST)
Around Lakemba station (Railway Parade and The Boulevarde):	• Delivery of plant and materials including storage and removal as required • Temporary footpath, lane and car park closures will be in place when required, including at Railway Parade and The Boulevarde near the station (signage and traffic control will be in place) • Temporary footpath closure on Haldon Street bridge for anti-throw screen handrail, anti-graffiti installation and maintenance work • Use of work platform knuckle boom at Railway Parade and The Boulevarde station entry • Use of crane lifts along Railway Parade • Carpark reinstatement and minor landscape work around Metro Services Building • Installation of brackets and contaminants on station platform
Services building site on Railway Parade near Bellevue Avenue:	• Delivery of plant and materials • Construction work including concreting, electrical work, cable installation, cladding, mechanical services installation, security installation in services building • Installation of temporary fencing • Clean and fit out stormwater pits • Ongoing termination work and local cabling for padmount
Lakemba substation, off The Boulevarde:	• Installing cables and supports, conduits, transformers, mechanical and electrical fit out and fencing • Landscaping, including planting, maintenance of new trees and shrubs and relocation of facilities

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October***	• High voltage cabling and other electrical installation work along rail corridor and at substation • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and GST • Security fence post installation and work related to segregation fencing within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor • Installation of pit labels • Testing of the electrical and mechanical system • Deliver and install VMD units and cabling at station
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor • Fit out of station equipment rooms and buildings • Installation of trackside equipment and cables • Temporary removal of some trackside equipment • Delivery of Voltage Limiting Device (VLD) and VLD negative cabling works at station • Removal of temporary works anti-fall sheeting and strapping • Dress high voltage structures

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Marrickville

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October 2023 for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle
- Keep a look out for trucks and heavy equipment deliveries near the train stations

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In September, work will continue along the corridor and at Marrickville Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.** You may also notice an increase in plant and materials being removed from our sites as contractors complete their scope along the alignment.

Location	Details of work during standard construction hours (daytime)
Marrickville (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities and defect management • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Investigations on Livingstone Road bridge involving periodic lane and footpath closures and removal of the parking lane along Livingstone Road bridge on Monday 4th and Tuesday 5th September • Testing and jointing cables within the rail corridor • Fit and strap covers to galvanised steel troughing (GST)
Around Marrickville Station	• Testing and commissioning of services including mechanical, fire and active assets, platform lighting and live voltage services • Installation of bollards and tactiles • Installation of high-level containment on station platform • Internal work at the Marrickville Station platform
Services building site in the rail corridor, off Victoria Road	• High voltage energisation and testing and commissioning • Demobilisation from site • Local cabling for padmount and ongoing termination work
Substation site (off Randall Street behind Albermarle Street)	• Traffic control to facilitate truck movements from Livingstone Road into Randall Street • Installing cables, cable supports, cable tray structure as well as mechanical and electrical fit out • Landscaping including planting, maintenance of new trees and shrubs

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October***	• Throw screen anchor pull testing under the Illawarra Road bridge • Rope and mandrel platform conduit installation • Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and GST • Security fence post installation and work related to segregation fencing within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor • Pull testing of throw screen anchors (ARTC Line) • Voltage limiting device (VLD) negative cabling installation at station • Deliver and installation of VMD units and cabling • Pulling cables on track
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Installation of security fencing rails • Fit and strap covers to galvanised steel troughing along rail corridor • Fit out of station equipment rooms and buildings • Installation of trackside equipment and cables • High voltage cabling and other electrical installation work

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au. **Thank you for your cooperation while we complete this essential work.**

Notification – Punchbowl to Bankstown

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
- On street parking will be limited near train stations. Please check signage before parking your vehicle
- Keep a look out for trucks and heavy equipment deliveries near the train stations

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In September, work will continue along the corridor and at Punchbowl and Bankstown (weather and site conditions permitting). Work will be undertaken during standard construction hours, Monday to Friday 7am-6pm and Saturday 8am-6pm. You may also notice an increase in plant and materials being removed from our sites as contractors complete their scope along the alignment.

Location	Details of work during standard construction hours (daytime)
Punchbowl to Bankstown (along the rail corridor)	• Testing and jointing cables • Fit and strap covers to galvanised steel troughing (GST) along rail corridor • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Internal work at Punchbowl Station and Bankstown Station platforms
Punchbowl Station and surrounding areas & Concourse	• Installation of brackets on station platform • Minor defect rectification • Testing and commissioning, including lifts
Services building site off Urunga Parade, adjacent to the rail line	• Local cabling for padmounts • Ongoing termination work • Minor defect rectification • Testing and commissioning, including equipment for lifts
Punchbowl substation, off South Terrace near Scott Street	• Installation of perimeter fence • Traffic control to facilitate truck movements on South Terrace • Installing cables and cable supports, conduits, transformers, and mechanical and electrical fit out • Landscaping, including planting, maintenance of new trees and shrubs and amenities relocation

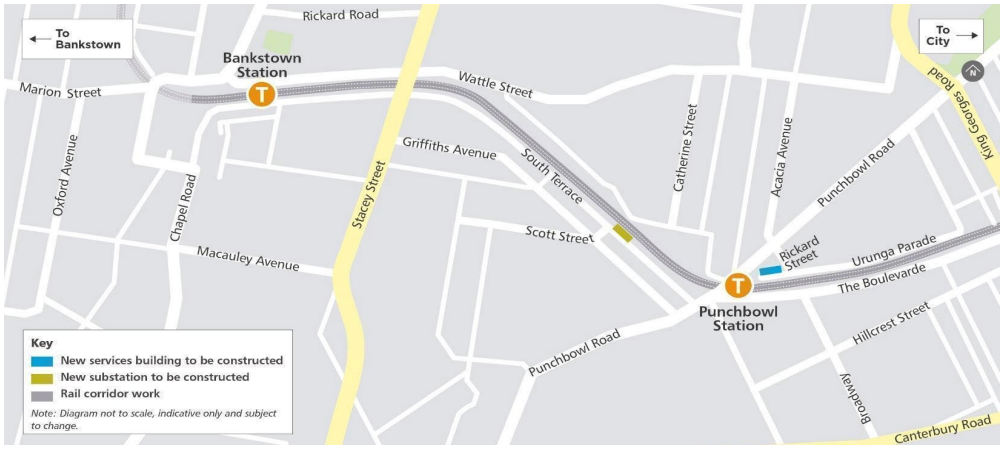
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October 2023***	• High voltage (HV) cabling in the rail corridor • HV cabling and other electrical installation work at substations • VLD negative cabling work • Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes and GST • Security fence post installation and work related to the segregation fence within the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor • Delivery and installation of VMD units and cabling at Punchbowl Station and Bankstown Station • Pulling cables on track

Equipment used for the above work will include excavators, jack hammers, hi-rail vehicles, vacuum trucks, slashers, motorised saws, concrete trucks, sucker trucks, delivery vehicles, borehole drillers, rollers, generators, whacker packers, dump trucks, wood chippers, mulchers, grass cutters, telehandlers, crane trucks, drilling rigs, lifting machinery, elevated work platforms, bobcats, concrete pumps, cable pulling equipment, compactors, lighting towers, forklifts, chainsaw, water carts, vibrating plates, crane 400T, franna crane, elevated work platform, concrete pump, excavator and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers. **Where temporary footpath changes, car parking removal or lane closures are required for works, traffic control, pedestrian detours and signage will be in place to assist the community.**



Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Stacy** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Wiley Park

September 2023

The T3 Bankstown Line between Sydenham and Bankstown will be closed from Saturday 23 September to Thursday 5 October for metro upgrade work.

How this impacts you

- Opal buses will replace trains during this time
- Allow extra travel time and plan your trip at transport.nsw.info
- Travel before 7am or after 9pm where possible
- Download the Opal app and turn on trip alerts to keep updated of any changes

Traffic and parking

- Temporary bus zones will be installed
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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In September, work will continue along the corridor and at Wiley Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, Monday to Friday 7am-6pm and Saturday 8am-6pm. You may also notice an increase in plant and materials being removed from our sites as contractors complete their scope along the alignment.

Location	Details of work during standard construction hours (daytime)
Wiley Park (along the rail corridor)	• Testing and commissioning • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Testing and jointing cables • Fit and strap covers to GST along rail corridor • Internal work at station platform • Minor incomplete work and defect rectification
Wiley Park Station	• Defect rectification work • Testing and commissioning at MSB and Station • Ongoing termination work at services building • Local cabling for padmounts

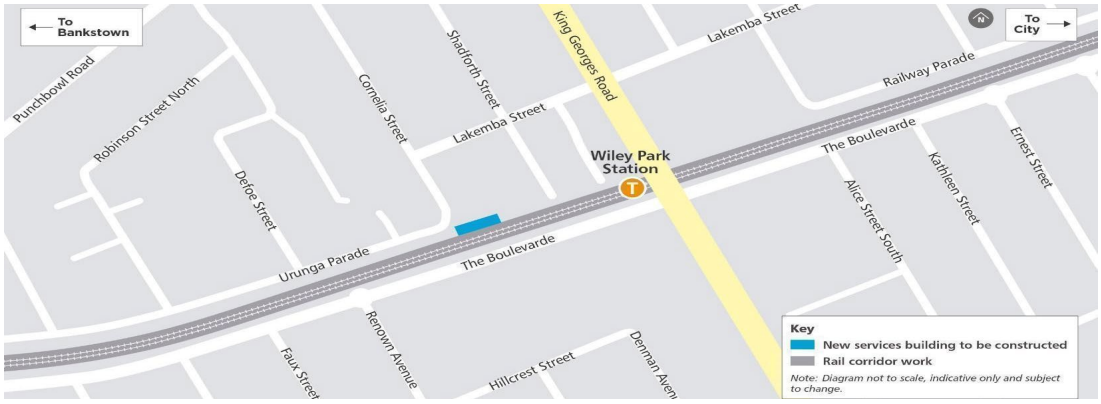
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 23 September to Thursday 5 October 2023***	• Testing and commissioning activities and defect work • Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Installation of new underground services around the station and corridor, including excavation, rock breaking and trenching work • Installation of cable service routes, galvanised steel troughing (GST) • Security fence post installation and work related to segregation fencing in the rail corridor • Track related construction activities • Parking removal to facilitate parking and access at various rail access gates along the corridor • High voltage (HV) cabling in the rail corridor • HV cabling and other electrical installation work at substations • VLD negative cabling works and delivery and installation of VMD units • Pulling cables on track
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

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1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

EPL 21147
R4.4 Validation Report

SWMC Mid-Week, Night Works.
Wairoa St Bridge Works Stage 2 – Crash Beam Inserts

Document and Revision History

Document Details	
Title	R4.4 Validation Report
Client	Sydney Metro City & Southwest
JHLOR JV contract no.	K44

Revisions

Revision	Date	Description	Prepared by	Reviewed by
00	25/10/2023	Prepared for R4.4 Report	Zhengyi Zhang	Andre Kruize

Management reviews

Review date	Details	Reviewed by

Controlled:	NO	Copy no.:	Uncontrolled:	YES

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R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail: 3

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 3
2. A copy of the community notification required under Condition L5.12 3
3. Noise monitoring as required by L5.8(d) 3
4. Details of any exceedances of predicted noise levels; 3
5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite..... 3
6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1. 4

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight. 4

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Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 and provides details to confirm compliance to the various CoA noted below. JHLOR conducted out-of-hour works (weekday nights) 17 and 18 October 2023. Works was carried under condition L5.7 (a) (iv) - Local Area and Utility Works Possessions at the following location:

- Wairoa St Bridge, Canterbury.

Refer to **Attachment 1** for monitoring results.

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail:

1. **Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite**

The assessment prepared for the works included modelling for the following plant and equipment:

- Light vehicles
- Flatbed Truck (delivery of inserts)
- Handheld powered tools
- EWP/telehandler
- 8-15kV Generator
- Site Lights

2. **A copy of the community notification required under Condition L5.12**

A copy of the community notification as required under Condition L5.12 is appended in **Attachment 2**.

3. **Noise monitoring as required by L5.8(d)**

Real time noise monitoring was carried out at one location (inside the corridor) on the south side of Wairoa Street bridge.

Refer to **Attachment 1.**

4. **Details of any exceedances of predicted noise levels;**

Actual noise (LAeq 15min) data was collected at the monitoring location and assessed. There were no exceedances of the noise predictions due to construction activities.

There were no noise complaints related to JHLOR construction activities.

5. **Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite**

The following noise mitigation measures were implemented:

- All workers made aware of the expectations in relation to community and work sites through a briefing at the OOHW prestart meeting.

- Works to only occur within the hours stipulated in the OOHW Permit.
- All plant, where possible to be positioned so that the exhaust (or noisiest side of the plant) is directed away from sensitive receivers.
- Plant is to be turned off when not in use
- Workers are not to shout, slam doors, drop objects or make any other unnecessary noise. Gatherings are to be away from residential properties.
- Workers are to be mindful of location of the residents when mobilizing and demobilizing
- Noise mats are placed around the mobile generator.

Additional mitigation measures in accordance with the Sydney Metro Construction Noise and Vibration Strategy were implemented and included:

- Community notification of works through letter box drop
- A noise model was developed and specific notifications of respite offered (RO) where predicted noise exceedance was over 20dB and alternative accommodation (AA) offered for residents with predicted noise exceeded 30dB above the background
- Real time noise monitoring was carried out at one selected location

6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1.

The new crash beam across the road (in front of the Wairoa Bridge) needsed to have additional inserts bolted to the underside of the crash beam. This activity requires the road to be closed to position EWP and plant (under the crash beam) to lift and bolt the inserts into place.

The works carried out during the night period was carried under condition L5.7(a)(iv) - Local Area and Utility Works Possessions. Due to high daytime traffic volumes on Wairoa Road, Canterbury/Bankstown Council (the road authority in this area) has endorsed JHLOR application to conduct these activities at night as it minimizes disruptions to traffic, pedestrians and community as a whole. The Local Traffic Committee (Council, Fire, Police & Ambos) have endorsed the traffic plan for the activity.

All feasible and reasonable at-source noise controls were implements in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight.

This R4.4 Validation report has been submitted within the period above.

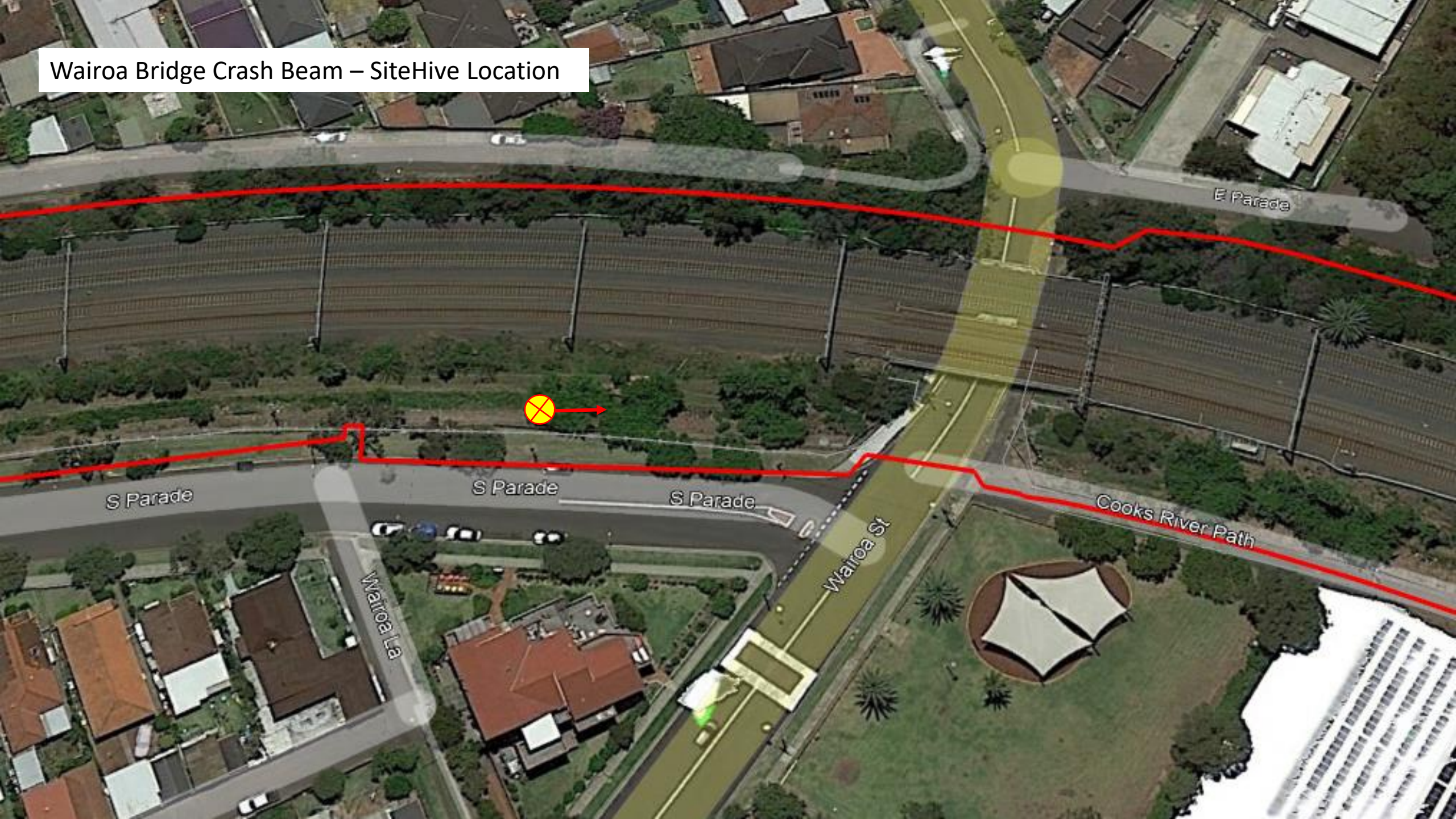
Attachment 1 – Noise Monitoring Results

- Monitoring Result
- Monitoring Location

Table 1. Continues noise monitoring result for instrument at Location: South of Wairoa Street Bridge

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location (dBA)	Predicted noise level LAeq,15min at resident (dBA)	Compliant	Comments
1	NCA 05 Canterbury • Continuous Monitoring • Location: 55m west of Wairoa St & 31m north of 1-2 S Parade, Canterbury NSW 2193 • 01/08/2023 22:00 to 04/08/2023 07:00	17/10/2023 To 18/08/2023	Night 22:00 to 7:00	Installation of Crash Beam Inserts	- Forklift - Light vehicles - Flatbed Truck (delivery of inserts) - Handheld powered tools - EWP/telehandler - 8-15kV Generator - Site Lights	52	72	**Yes**	• RBL: 32 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LA_{aeq} in work period (49.671 dB) is lower than the predicted level (72 dB) • **Predicted noise levels in this area triggered offers for Alternative Accommodation (AA) or Respite (RO).**
2		02/08/2023 To 03/08/2023	Night 22:00 to 7:00	Installation of Crash Beam Inserts	- Forklift - Light vehicles - Flatbed Truck (delivery of inserts) - Handheld powered tools - EWP/telehandler - 8-15kV Generator - Site Lights	52	72	Yes	• RBL: 32 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LA_{aeq} in work period (53.375 dB) is lower than the predicted level (72 dB) • **Predicted noise levels in this area triggered offers for Alternative Accommodation (AA) or Respite (RO).**

Wairoa Bridge Crash Beam – SiteHive Location



Attachment 2 – Community Notification

- Community Notifications
- Community Notification Distributed Area

City & Southwest

Notification – Campsie

October 2023

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Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Campsie Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Campsie (along the rail corridor)	• Testing and jointing cables • Fit and strap covers to galvanised steel troughing (GST) along rail corridor • Demobilisation of site amenities and offices for station upgrades • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Internal works at Campsie Station platform • Finishing trades such as painting
Around Campsie Station	• Completing building services and defect rectification • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrade • Installation of brackets and containments on station platform
Services building site at Lilian Lane opposite Dewar Street	• Ongoing termination work • Local cabling for padmounts • Completing building services and defect rectification • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrades • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Substation site (Off Lilian Street)	• Installing cables and cable supports, and mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting, maintenance of new trees and shrubs • Traffic controllers to facilitate truck movements on Lilian Street (if required) • Operation of transformers for testing and commissioning purposes, 24 hours/day

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures and fibre cabling • Various work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage Limiting Device (VLD) negative cabling works • Deliver and install VMD units and cabling to station • Temporary removal of parking spaces adjacent to the rail corridor along North and South Parade • Modification to the Duke Street footbridge, including temporary closure with pedestrian detour via Beamish Street • Operation of transformers for testing and commissioning purposes at the Campsie substation site, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor • Operation of transformers for testing and commissioning purposes at the Campsie substation site, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of fibre cabling • Modification to Wairoa Street bridge including temporary road closure from 10pm to 4am between 9 -13 October and 16 - 20 October on Wairoa Street between South and East Parade. Road diversions will be in place. Northern diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern diversions will be via South Parade and Beamish Street.

Equipment used for the above work will include heavy machinery (including but not limited to excavators, trucks, hi-rail vehicles, hydraulic ram, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to scheduled work will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Canterbury

October 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Canterbury Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Canterbury (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Electrical work within rail corridor • Galvanised steel troughing (GST) strapping in corridor
Around Canterbury station	• Storage and removal of materials and plant • Station equipment rooms work • Electrical containment installation on Platform 0/1 and 2 and pedestrian ramp, light fittings and building services on Platform 0/1 and 2 • Remediation and painting work for existing structural steel • Installation of electrical components and running cables at services building • Demobilisation of amenities from carpark, 6 Charles Street storage area and 6 Broughton Street • Ongoing termination and testing work at services building • Installation of brackets and containments on the station platform • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Former Bowling Club	• Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Temporary parking impacts on Close Street • Vegetation management
Substation site off Hutton Street	• Installing cables, cable supports, and mechanical and electrical fitout inside Traction Substation • Landscaping including planting, maintence of new trees and shrubs • If required, Traffic controllers to facilitate truck movements on Hutton Street • Operation of transformers at the Canterbury substation site for testing and commissioning purposes, 24 hours/day

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Various works related to the segregation fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Modification work at Church Street footbridge including temporary closure of Church Street footbridge and temporary removal of parking along Church Street cul-de-sac. Pedestrian diversions via Church Street, Tincombe Street, Canterbury Road and the public footpath between the rail corridor and the former Canterbury Bowls Club • Pit lid replacement on platform • High voltage cabling and other electrical installation work along rail corridor and at substation • Electrical containment installation on Platform 0/1 and 2 and pedestrian ramp, light fittings and building services on Platform 0/1 and 2 • Metro services building work on Charles Street – installing electrical components and cables • Ongoing termination and testing work at services building • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings. Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the Canterbury substation site for testing and commissioning purposes, 24 hours/day
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Bus stops lighting work on Broughton Street • Installation of brackets on station platform and fit out of station equipment rooms and buildings • Fit and strap covers to GST along rail corridor • Delivery of Voltage Limiting Device (VLD) and negative cabling work • Installation of trackside equipment and cables • High voltage cabling and other electrical installation work • Temporary parking impacts on Close Street • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at Canterbury substation for testing and commissioning, 24 hours/day • Modification to Wairoa Street bridge including temporary road closure from 10pm to 4am between 9 -13 October and 16 - 20 October on Wairoa Street between South and East Parade • Road diversions will be in place. Northern side diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern side diversions will be via South Parade and Beamish Street.

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

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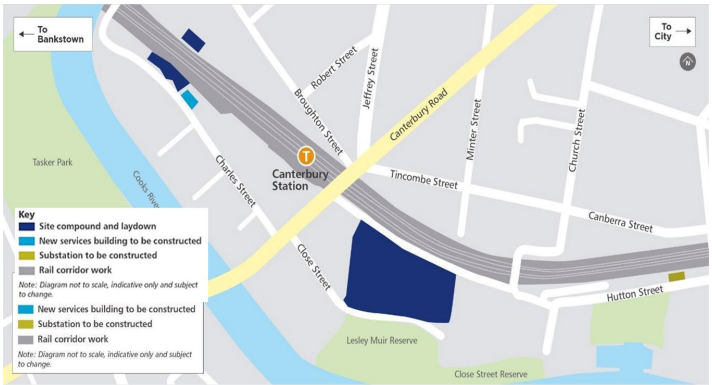
Thank you for your cooperation while we complete this essential work.



If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

09 October 2023
Ref: AAO/JS

The Resident
1 Nowra Street
Campsie NSW
2194

Dear Neighbour,

Southwest Metro Corridor works – Temporary alternative accommodation offer

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail. Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations. Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In 2024, Sydney will have 31 metro railway stations and a 66 km standalone metro railway system – the biggest urban rail project in Australian history. There will be ultimate capacity for a metro train every two minutes in each direction under the Sydney city centre. The upgrade of the T3 Bankstown Line between Sydenham to Bankstown to metro standards received planning approval on 19 December 2018.

Southwest Metro Corridor works are being delivered by John Holland Pty Ltd and Laing O'Rourke Australia Construction Pty Ltd, including upgrading 12 bridges that cross over or under the railway, installation of safety screens, civil construction including work on retaining walls, culverts and track drainage, fencing along the rail corridor and the segregation of the existing freight line from the new driverless railway, rail systems works and utility modifications.

Sydney Metro will be conducting out of hours working **from 10pm – 4am Tuesday 17 and Wednesday 18 October 2023.** Work activities include the installation of a crash beam along Wairoa Street bridge. To maximise the amount of work that can be done, work will take place continuously throughout the night. Work activities will be taking place near your property, and some of the works will be noisy.

Our construction activities are carefully planned to minimise impacts on the community and customers, and we take various measures to keep noise to a minimum, such as switching off equipment when not in use and installing non-tonal reversing beepers on vehicles. We also advise residents to close windows where possible to minimise noise impacts.

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How do I accept the offer?

Please scan the QR code on the next page or email community@jhlorjv.com.au by **5pm Friday 13 October 2023** to ensure the vouchers will be emailed to you before the scheduled work. If you choose to email, please provide us:

1. Your name
2. Your full address, including unit number if applicable
3. Email and mobile number
4. How many adults and how many children (15 years of age or under, please provide children's ages) are within your household
5. Bed configuration preferences
6. Any additional booking information

Should you require any assistance please call or message James on 0477 876 280.

Please note we will endeavour to fulfil your room configuration and additional booking preferences however we cannot guarantee due to availability through our booking provider.

Some properties do not have onsite parking available, if you are required to pay for parking, please provide your parking ticket following your stay, and you will be reimbursed for the equivalent cost with GiftPay vouchers.

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Sydney Metro recognises that noisy work is inconvenient for residents, and we would like to thank you for your patience while we complete this essential work.

Regards,

Joe Thompson

Joe Thompson

Project Leader
Southwest Metro Corridor works

09 October 2023
Ref: AAO/JS

The Resident
1/1-2 South Parade
Canterbury NSW
2193

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Regards,

Joe Thompson

Joe Thompson

Project Leader
Southwest Metro Corridor works

09 October 2023
Ref: AAO/JS

The Resident
2/1-2 South Parade
Canterbury NSW
2193

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Regards,

Joe Thompson

Joe Thompson

Project Leader
Southwest Metro Corridor works

09 October 2023
Ref: AAO/JS

The Resident
3/1-2 South Parade
Canterbury NSW
2193

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Regards,

Joe Thompson

Joe Thompson

Project Leader
Southwest Metro Corridor works

09 October 2023
Ref: AAO/JS

The Resident
4/1-2 South Parade
Canterbury NSW
2193

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Project Leader
Southwest Metro Corridor works

09 October 2023
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Joe Thompson

Joe Thompson

Project Leader
Southwest Metro Corridor works

09 October 2023
Ref: AAO/JS

The Resident
6/1-2 South Parade
Canterbury NSW
2193

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09 October 2023
Ref: AAO/JS

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7/1-2 South Parade
Canterbury NSW
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Ref: AAO/JS

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Canterbury NSW
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Project Leader
Southwest Metro Corridor works

09 October 2023
Ref: AAO/JS

The Resident
12 Wairoa Street
Canterbury NSW
2193

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Southwest Metro Corridor works

09 October 2023
RO/JS

The Resident
1/5 East Parade
Campsie NSW
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Sydney Metro
Level 43, 680 George Street, Sydney NSW 2000 | PO Box K659, Haymarket NSW 1240
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By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail. Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations. Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

Southwest Metro Corridor works are being delivered by John Holland Pty Ltd and Laing O'Rourke Australia Construction Pty Ltd, including upgrading 12 bridges that cross over or under the railway, installation of safety screens, civil construction including work on retaining walls, culverts and track drainage, fencing along the rail corridor and the segregation of the existing freight line from the new driverless railway, rail systems works and utility modifications.

Sydney Metro will be conducting out of hours working **from 10pm – 4am Tuesday 17 and Wednesday 18 October 2023.** Work activities include the installation of a crash beam along Wairoa Street bridge. To maximise the amount of work that can be done, work will take place continuously throughout the night. Work activities will be taking place near your property, and some of the works will be noisy.

As an offer of respite from construction activities on the following dates: **Tuesday 17 and Wednesday 18 October 2023**, we would like to offer **your household a $50 prepaid voucher per day** for respite.

The vouchers will be delivered to you via email.

Our construction activities are carefully planned to minimise impacts on the community and customers, and we take various measures to keep noise to a minimum, such as switching off equipment when not in use and installing non-tonal reversing beepers on vehicles. Residents are also advised to close windows where possible to minimise noise impacts.

How do I take up the offer?

Please scan the QR code on this page or email community@jhlorjv.com.au by **5pm Monday 16 October 2023** to ensure the vouchers will be emailed to you before the scheduled work. In your email, please provide us:

1. Your name
2. Your full address, including unit number if applicable
3. Contact information such as email and phone number.

Should you require any assistance please call or message James on 0477 876 280.

Sydney Metro
Level 43, 680 George Street, Sydney NSW 2000 | PO Box K659, Haymarket NSW 1240
T 02 8265 9400 | sydneymetro.info | ABN 12 354 063 515

We may not be able to get back to you right away, but we will respond to you as quickly as possible to ensure your vouchers are emailed to you before the start of works. **Please note, requests received after works have occurred will not be eligible for the respite offered.**

We may withdraw or change your offer at any time due to weather events or unexpected construction challenges. If your offer changes, we will inform you. Sydney Metro will continue to undertake work across its projects in accordance with current Government advice during the COVID-19 pandemic.

Sydney Metro recognises that noisy work is inconvenient for residents, and we would like to thank you for your patience while we complete this essential work.

Regards,

Joe Thompson

Project Director
Southwest Metro Corridor works

09 October 2023
RO/JS

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3 Nowra Street
Campsie NSW
2194

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EPL 21147
R4.4 Validation Report

SWMC WE17

Track Skim Recon Works (inc Repairs), Installation of Segregation Fence, Security Fence Panel/mesh screens, OHW Footings, Bridge Panel/mesh screens and brackets on Station Platforms. Clearing of Vegetation and Installation of Brackets at Stations, Cabling and Trackside Equipment.

Document and Revision History

Document Details	
Title	R4.4 Validation Report
Client	Sydney Metro City & Southwest
JHLOR JV contract no.	K44

Revisions

Revision	Date	Description	Prepared by	Reviewed by
00	26/10/2023	Prepared for R4.4	Zhengyi Zhang	Andre Kruize

Management reviews

Review date	Details	Reviewed by

Controlled: NO Copy no.: Uncontrolled: YES

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2. A copy of the community notification required under Condition L5.12 4
3. Noise monitoring as required by L5.8(d) 4
4. Details of any exceedances of predicted noise levels; 4
5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 4
6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1. 5

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight. **5**

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Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 for out-of-hour works carried out over 21st and the 22nd of October during Weekend 17 Rail Possession (WE17) over 2 days and 1 night. Works was carried under condition L5.6 - Local Possessions at the following locations;

- Track Skim Recon Works between Carrington & Victoria Rd bridge
- Track defects repairs
  - Cook's river city side in Canterbury
  - Loch St, city side in Campsie.
- Segregation Fence Piling
  - Illawarra Rd to Ewart St (Access Wooley Ln MA1)
  - Hurlstone Pk to Melford (Access HP9)
  - Campsie city side (Access CB9)
  - Campsie to BelmoreT (Access BelmoreT)
- Security Fence installation
  - Carrington to Victoria Rd (down)
  - Belmore Stadium Area (down)
  - Belmore Station (Countryside, down)
  - Lakemba (City side, down)
  - Wiley Park to Punchbowl
- Overhead Wiring Works (installing footings & pile caps)
  - Various locations through corridor – on the edge of the ballast shoulder
- Bridge works at Church St Duke St – installation of frames and mesh screens.
- Clearing of vegetation at Wiley Park
- Installation of platform brackets (large and small)
  - Marrickville, Dulwich Hill, Hurlstone Park
  - Canterbury, Campsie and Lakemba.
- Installation of Cabling and Trackside Equipment throughout corridor

Refer to **Attachment 1** for monitoring results.

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail:

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The assessment prepared for the works included modelling for the following plant and equipment:

- Tamper and regulator
- Track welding and realignment equipment
- PEM LEM
- Excavators 3T, 6 and13T (inc jack hammer attachments)
- Balloon tyre dump trucks (Hydrema)
- Light vehicles
- Trucks
- Payloader
- Handheld powered and non-powered tools
- Vac Trucks

- EWP/telehandler
- Front-end loader
- Concrete truck and line pump
- Portable Generators
- Compressors
- Compactor
- Bogie
- Water pumps
- 4T Dumpy
- 60T crane
- Site lights

2. A copy of the community notification required under Condition L5.12

A copy of the community notification required under Condition L5.12 is appended as **Attachment 2**.

3. Noise monitoring as required by L5.8(d)

WE17 noise monitoring was carried out at 8 locations on the perimeter of the rail corridor:

- 20m north-west of Victoria Rd bridge (inside corridor), Marrickville
- End of Kays Ave West (2m inside corridor), Dulwich Hill
- 15m south of 76 Floss Ave, Hurlstone Park
- 14m south of 92 Church St, Canterbury
- Front garden of 39 South Pde, Campsie
- 12m north-west of 25-29 Loftus St, Campsie
- 22m south of 3 Railway Pde, Belmore
- 25m south of 16 Railway Pde, Lakemba

Refer to attachment 1.

4. Details of any exceedances of predicted noise levels;

During WE17, there were no exceedances of the noise predictions due to construction activity.

5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The following noise mitigation measures were implemented:

- All workers briefed at prestart of OOHW taking place.
- Works occur within the hours agreed in the OOHW only.
- All plant were positioned so that the exhaust (or noisiest side of the plant) is pointing away from sensitive receivers, where possible.
- Plant to be turned off when not in use.
- Workers are not to shout, slam doors, drop objects or make any other unnecessary noise
- Workers are to be mindful of residents when mobilizing and demobilizing. Avoid congregating at corridor access gates.

Additional mitigation measures in accordance with the Sydney Metro Construction Noise and Vibration Strategy were implemented which included:

- Community notification of works through letter box drops.
- Specific notifications and respite offers (RO) were provided for residents with predicted noise exceedance of over 20dB and alternative accommodation (AA) were offered for residents with predicted noise was in exceedance of over 30dB above the background.
- Continuous monitoring at the 8 selected locations

6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1.

The works carried out on WE17 were completed under L5.6 (Local Possession) as carrying out these associated construction activities during standard construction hours (specified in L5.1) would cause unacceptable risks to construction personnel safety; rail passenger and railways personnel safety and railway network operational reliability. The works could only be safely conducted during a rail possession due to works occurring within the rail corridor. All feasible and reasonable at-source noise controls were implements in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight.

This R4.4 Validation report has been submitted to EPA by no later than two business days after the end of the fortnight.

Attachment 1 – Noise Monitoring Results

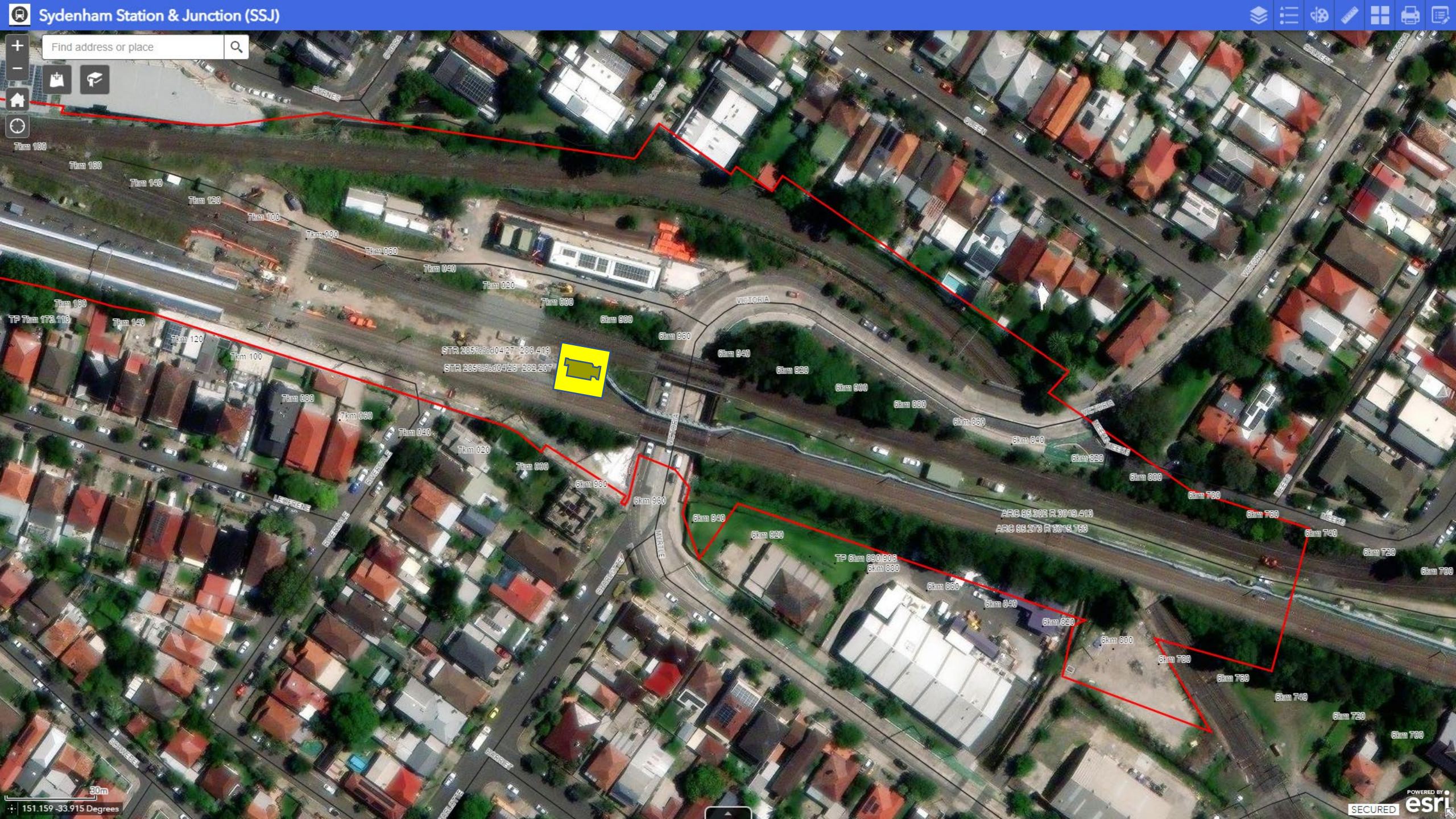
- Monitoring Result
- Monitoring Location

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min	Compliant	Comments
1	NCA 01 Continues Monitoring 20m north-west of Victoria Rd bridge (inside corridor), Marrickville	21/10/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavator - Tamper, - regulator - PEM LEM - Light tower	57	75	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (75 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
2		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	74	Yes	• RBL: 33 dB • LAeq15min below predictions. • Highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (74 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
3		22/12/2023	Day to Evening 7:00 to 22:00			73	75	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 73 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (73 dB) is lower than the predicted level (75 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
4	NCA 02 Continues Monitoring End of Kays Ave West (2m inside corridor), Dulwich Hill	21/10/2023	Day to Evening 7:00 to 22:00		- Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	58	73	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 58 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (58 dB) is lower than the predicted level (73 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
5		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			48	74	Yes	• RBL: 33 dB • LAeq15min below predictions. • Highest LAeq15min value of 48 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (48 dB) is lower than the predicted level (74 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
6		22/12/2023	Day to Evening 7:00 to 22:00			64	73	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 64 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (73 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq 15min in work period	Predicted noise level LAeq,15min	Compliant	Comments
7	NCA 03 Continues Monitoring 15m south of 76 Floss Ave, Hurlstone Park	21/10/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	68	68	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 68 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (68 dB) is matched the predicted level (68 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
8		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			63	64	Yes	• RBL: 34 dB • LAeq15min below predictions. • Highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
9		22/12/2023	Day to Evening 7:00 to 22:00			64	68	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 64 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
10	NCA 04 Continues Monitoring 14m south of 92 Church St, Canterbury	21/10/2023	Day to Evening 7:00 to 22:00			55	66	Yes	• RBL: 40 • LAeq15min below predictions. • Highest LAeq15min value of 55 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
11		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			52	67	Yes	• RBL: 35 dB • LAeq15min below predictions. • Highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
12		22/12/2023	Day to Evening 7:00 to 22:00			52	66	Yes	• RBL: 40 • LAeq15min below predictions. • Highest LAeq15min value of 52 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq 15min in work period	Predicted noise level LAeq,15min	Compliant	Comments
13	NCA 06 Continues Monitoring Front garden of 39 South Pde, Campsie	21/10/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	61	69	Yes	• RBL: 45 • LAeq15min below predictions. • Highest LAeq15min value of 61 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (61 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
14		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			62	69	Yes	• RBL: 35 dB • LAeq15min below predictions. • Highest LAeq15min value of 62 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (62 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
15		22/12/2023	Day to Evening 7:00 to 22:00			54	69	Yes	• RBL: 45 • LAeq15min below predictions. • Highest LAeq15min value of 54 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
16	NCA 07 Continues Monitoring 12m north-west of 25-29 Loftus St, Campsie	21/10/2023	Day to Evening 7:00 to 22:00			55	65	Yes	• RBL: 41 • LAeq15min below predictions. • Highest LAeq15min value of 55 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
17		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			61	66	Yes	• RBL: 35 dB • LAeq15min below predictions. • Highest LAeq15min value of 61 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (61 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
18		22/12/2023	Day to Evening 7:00 to 22:00			65	65	Yes	• RBL: 41 • LAeq15min below predictions. • Highest LAeq15min value of 65 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (65 dB) is matched the predicted level (65 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq 15min in work period	Predicted noise level LAeq,15min	Compliant	Comments
19	NCA 07 Continues Monitoring 22m south of 3 Railway Pde, Belmore	21/10/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	65 (Calculated actual noise at resident is 61)	64	Yes	• RBL: 41 • LAeq15min below predictions. • Highest LAeq15min value of 61 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (61 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
20		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	66	Yes	• RBL: 35 dB • LAeq15min below predictions. • Highest LAeq15min value of 60 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (60 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
21		22/12/2023	Day to Evening 7:00 to 22:00			78 (Calculated actual noise at resident is 63)	64	Yes	• RBL: 41 • LAeq15min below predictions. • Highest LAeq15min value of 78 dB was due to noise from concrete line pump being located 1m from monitor. Calculated noise at the nearest resident was 63dB. • The Highest LAeq in work period (63 dB) is matched the predicted level (64 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
22	NCA 08 Continues Monitoring 25m south of 16 Railway Pde, Lakemba	21/10/2023	Day to Evening 7:00 to 22:00			57	50	Yes	• RBL: 47 • LAeq15min is above predictions but due to non-construction related, offsite activities. • Highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 and 22:00. • **Predicted noise levels (weekend daytime works) in this area did not trigger offers for Respite.** • **Actual noise levels (weekend daytime works) in this area did not trigger offers for Respite.**
23		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	56	Yes	• RBL: 41 dB • LAeq15min below predictions. • Highest LAeq15min value of 47 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (56 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
24		22/12/2023	Day to Evening 7:00 to 22:00			55	50	Yes	• RBL: 47 • LAeq15min is an isolated event above predictions due combined construction and to non-construction related, offsite activities. No additional mitigation required • Highest LAeq15min value of 55 dB due to general construction noise between the hours of 07:00 and 22:00. • **Predicted noise levels (weekend daytime works) in this area did not trigger offers for Respite.** • **Actual noise levels (weekend daytime works) in this area did not trigger offers for Respite.**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Find address or place
VICTORIA
BURNES
QUEEN
LIVERPOOL
SYDENHAM
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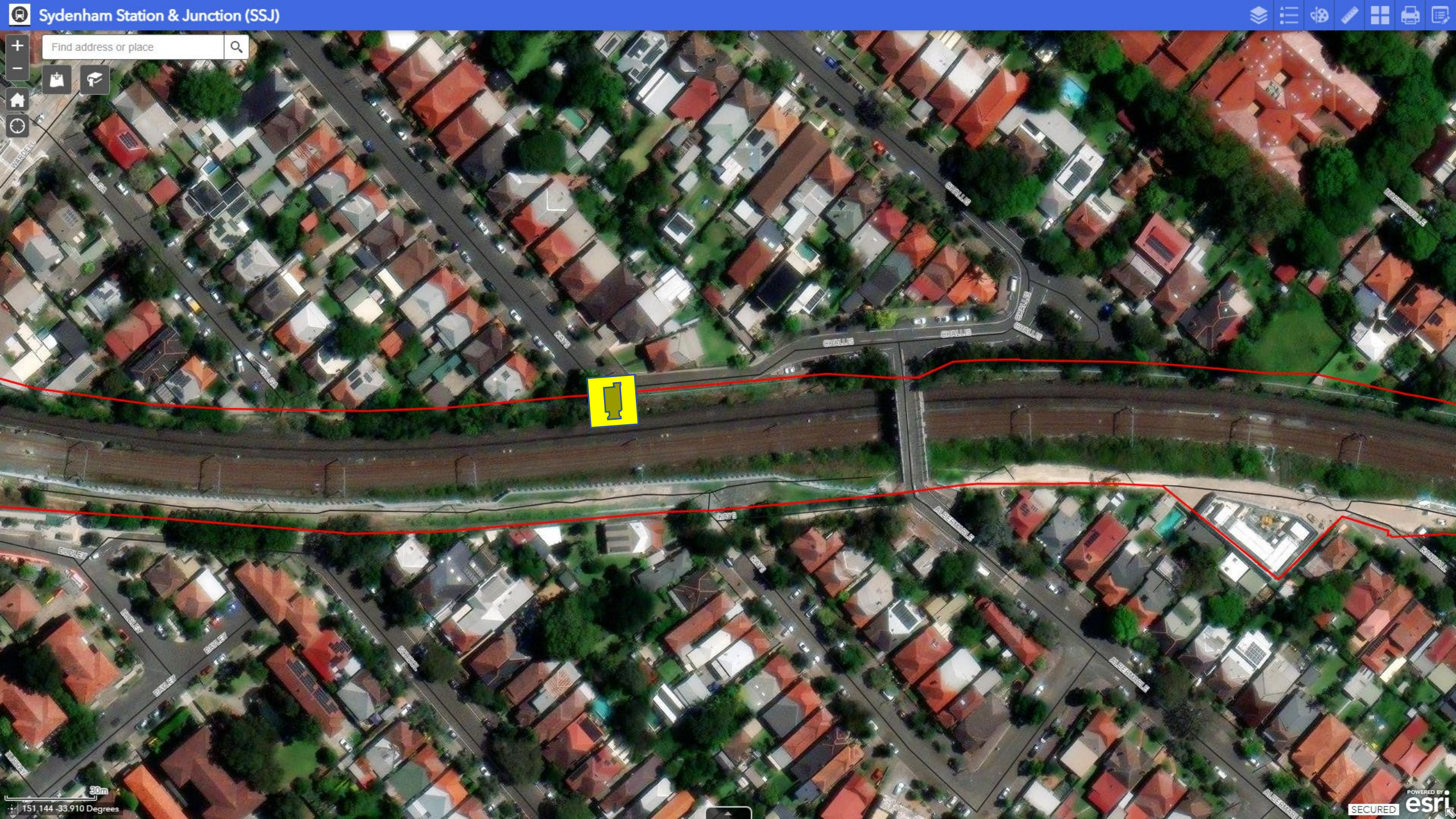
STR 285%%d04°25' 282.207
ARC 85.282 R 3018.413
ARC 85.279 R 3018.759
TP 6km 890.806
30m
151.159 -33.915 Degrees
SECURED
POWERED BY esri


Sydenham Station & Junction (SSJ)
Find address or place
CHALLIS
HAYS
BAILEY
ALBERMARLE
30m
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SECURED
esri

Sydenham Station & Junction (SSJ)
Find address or place
30m
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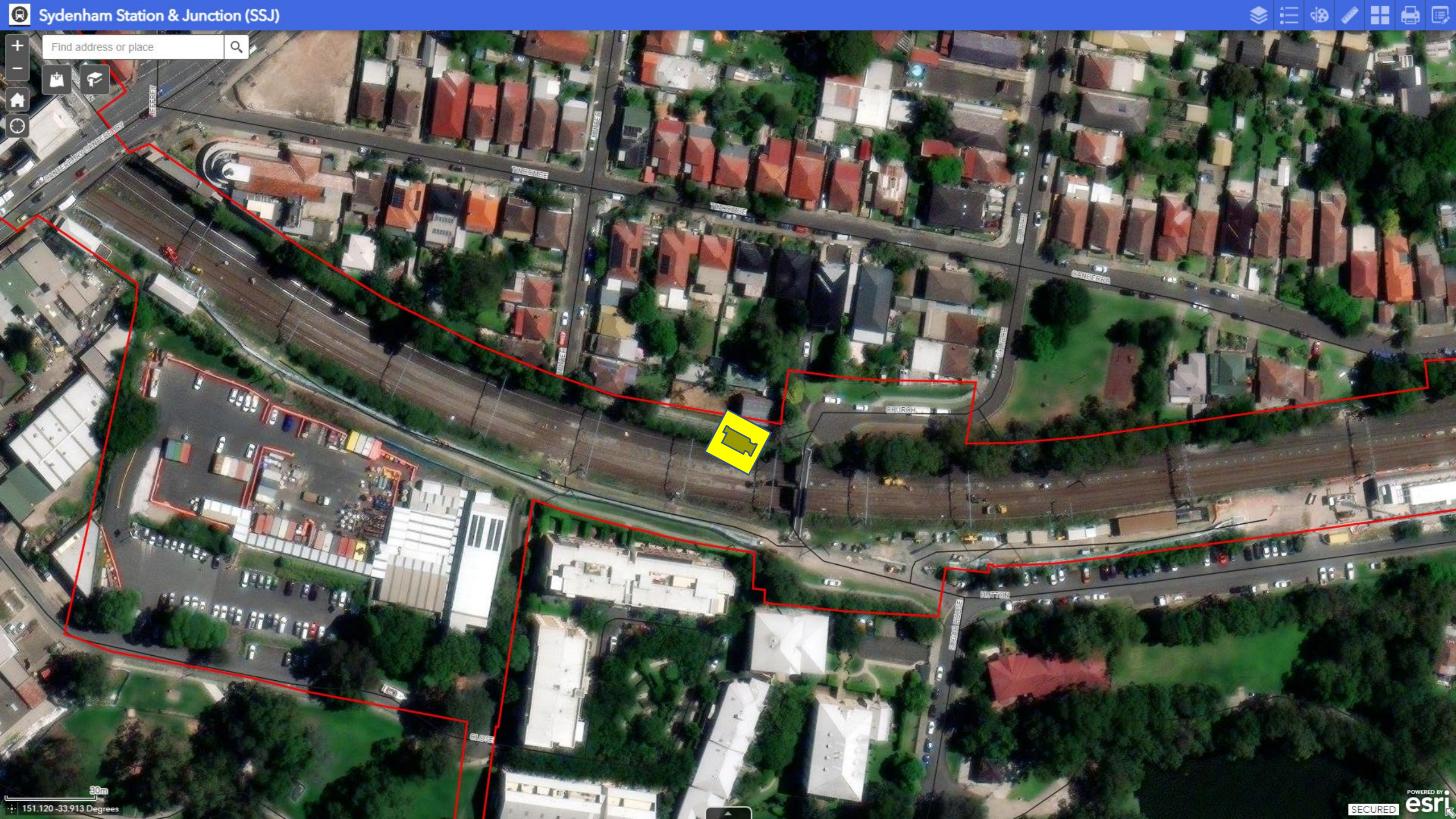
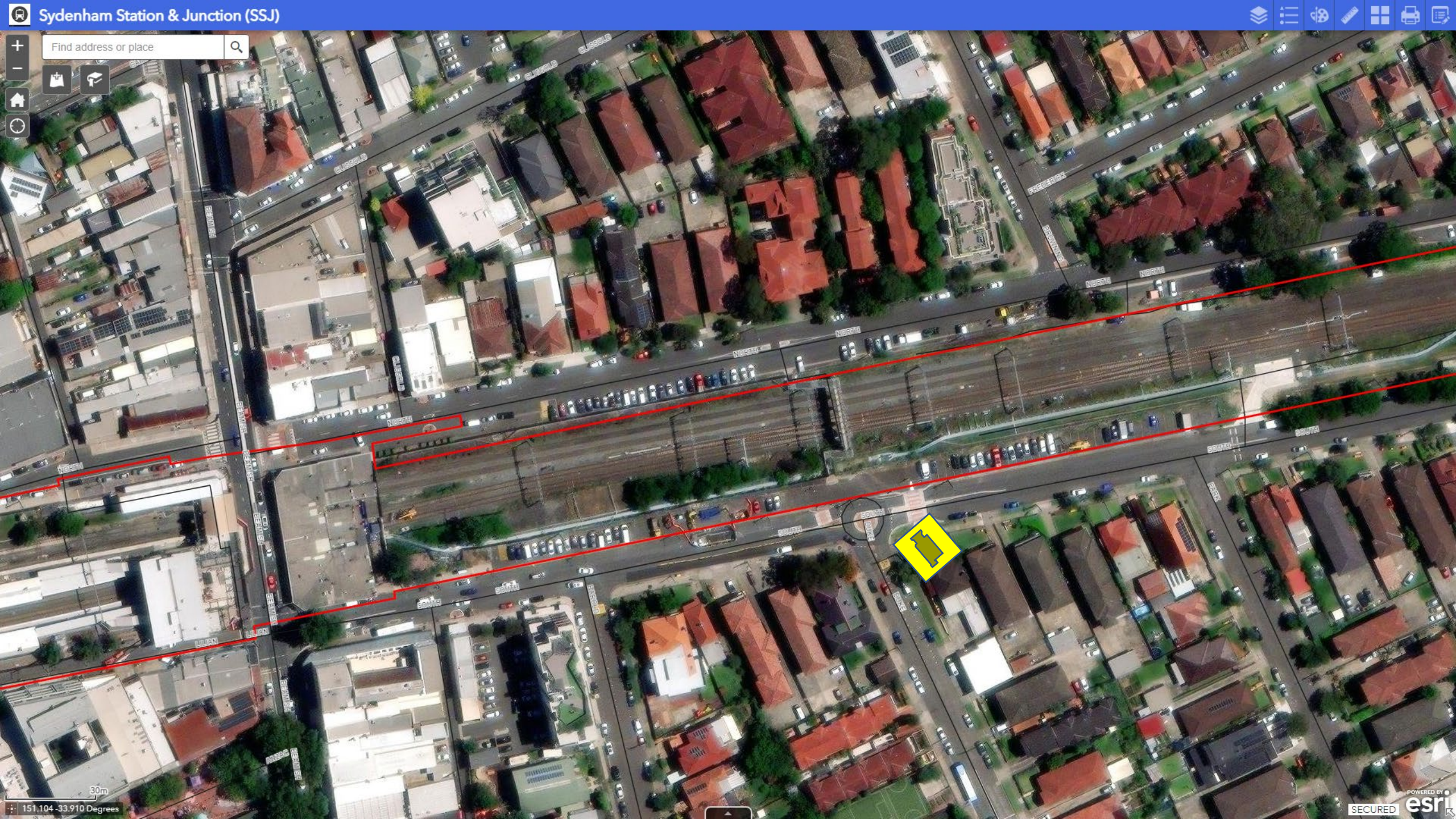
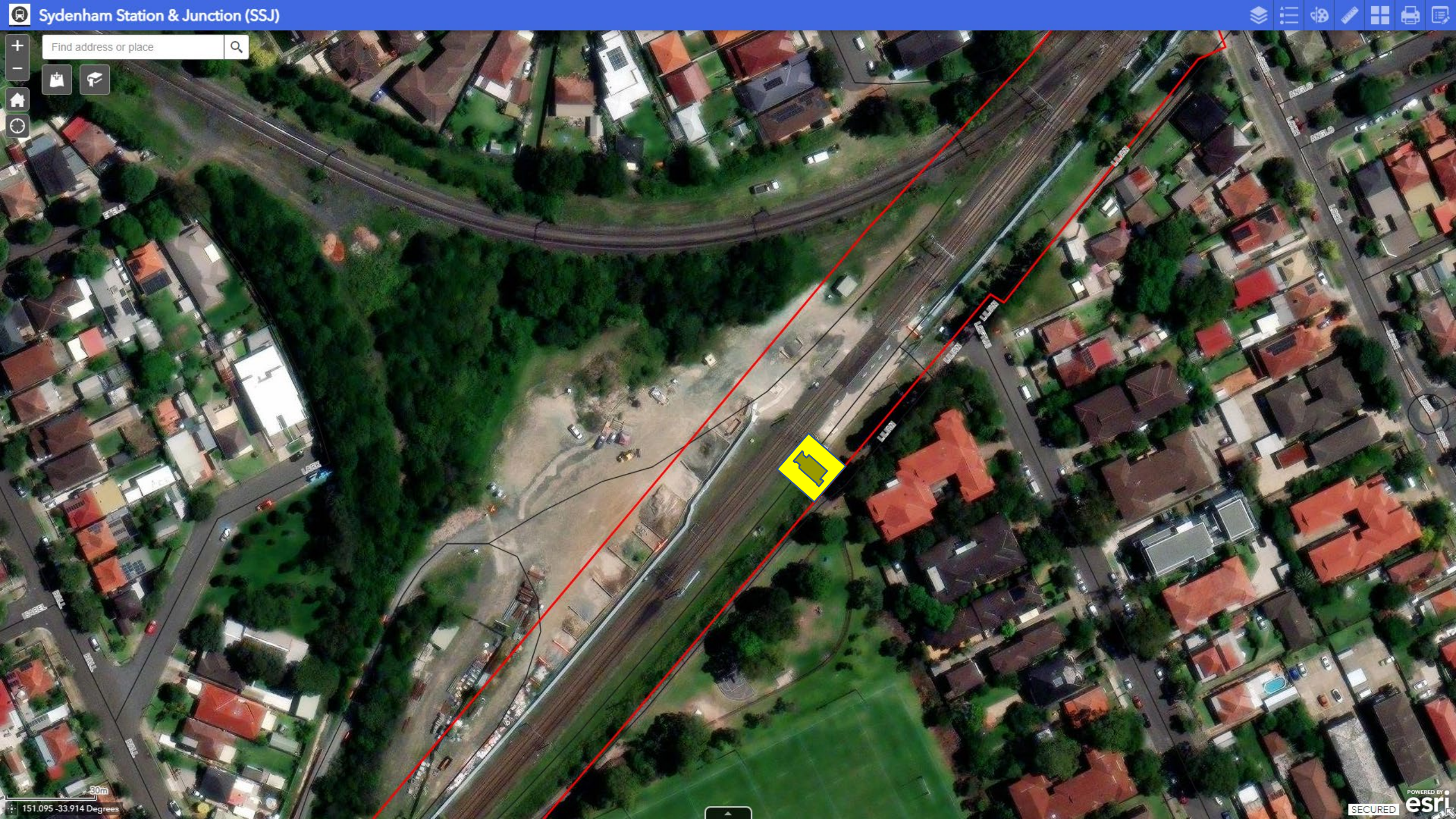
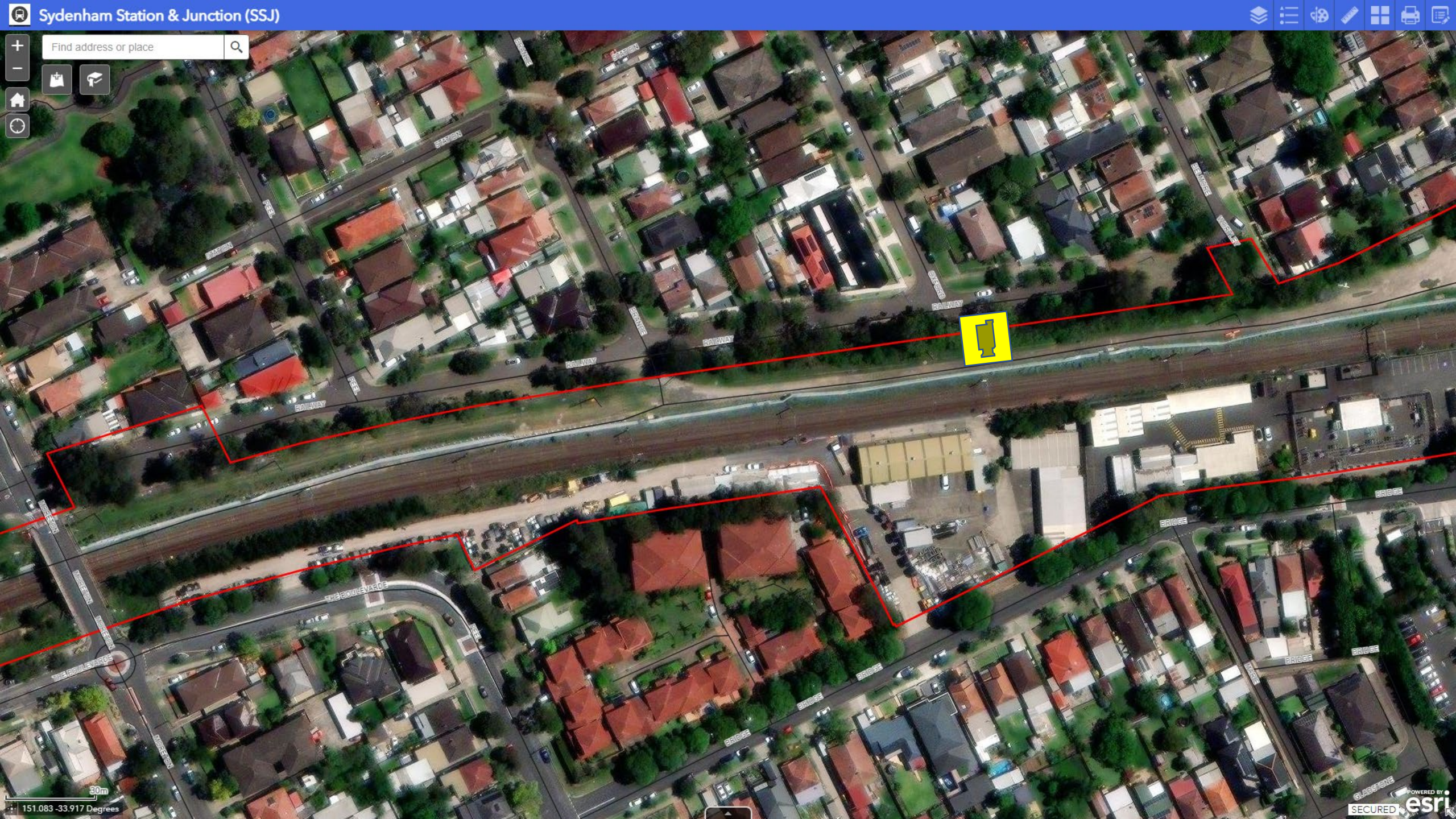
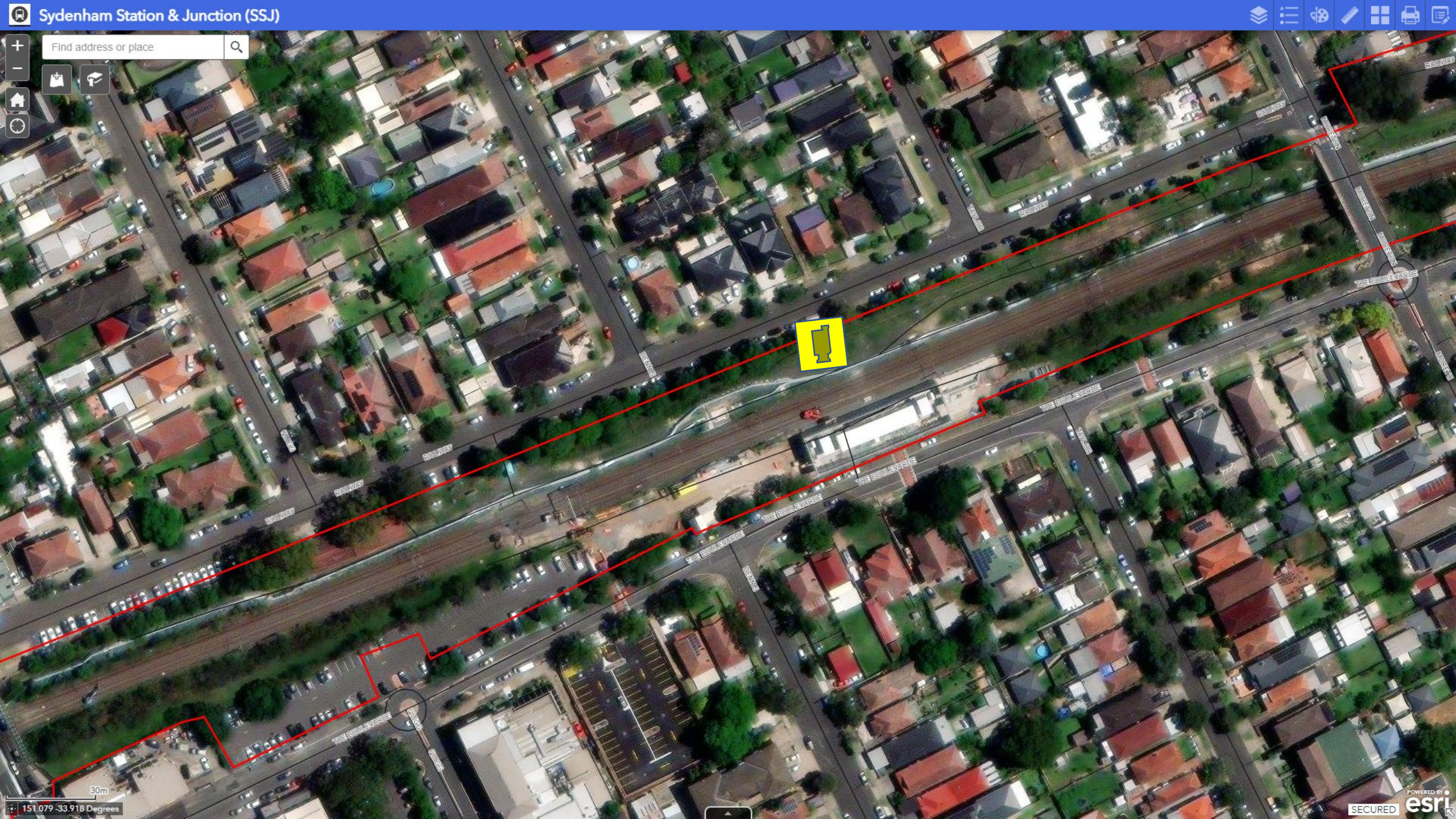
SECURED
esri


Sydenham Station & Junction (SSJ)
Find address or place
TINGCOMBE
CANBERRA
CHURCH
HUTTON
CLOSE
30m
151.120 -33.913 Degrees
SECURED
esri


Sydenham Station & Junction (SSJ)
Find address or place
CLISSOLD
BEAMISH
FREDERICK
BERWYN
NORTH
SOUTH
LILIAN
DUKE
ANGAS
30m
151.104 -33.910 Degrees
SECURED
esri


Sydenham Station & Junction (SSJ)
Find address or place
ANGLO
ULLER
ETELA
LARA
BASEL
BRAE
30m
151.095 -33.914 Degrees
SECURED
POWERED BY esri


Sydenham Station & Junction (SSJ)
Find address or place
STATION
RAILWAY
BRIDGE
THE BOULEVARDE
GLADSTONE
30m
151.083 -33.917 Degrees
SECURED
esri


Sydenham Station & Junction (SSJ)
Find address or place
RAILWAY
THE BOULEVARDE
30m
151.079 -33.918 Degrees
SECURED
esri

Attachment 2 – Community Notification

Community Notifications were provided to residents of:

- Canterbury,
- Marrickville,
- Hurlstone Park,
- Dulwich Hill, and
- Campsie.

Please refer to the following community notifications for works undertaken at the previously stated locations.

City & Southwest

Notification – Belmore

October 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Belmore Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Belmore (along the rail corridor)	• Testing and commissioning at the station • Minor defects rectification and internal work at station platform • Galvanised steel trough (GST) strapping in rail corridor • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work
Around Belmore Station and at the services building site (off Redman Parade, adjacent to the rail line)	• Testing and commissioning at services building • Minor defect rectifications as required • Ongoing termination work at services building • Local cabling for padmounts • Installation of brackets and contaminants on station platform • Help point, Personal Emergency Care (PEK) and Visual Indication Unit (VIU) installation on concourse • Local cabling, mechanical and electrical fit out work for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Belmore site compound (Bridge Road)	• Delivery and storage of materials, including cables, cable drums, light and heavy vehicles • Ongoing truck and traffic movements into and out of site, occasionally managed by traffic control
Lakemba substation, off The Boulevarde, near Taylor Street	• Installation of perimeter fencing • Installing cables and cable supports, conduits, transformers, and mechanical and electrical fit out • Landscaping including planting, maintenance of new trees and shrubs • Site amenities relocation • Traffic control to facilitate truck movements on The Boulevarde (if required) • Operation of transformers for testing and commissioning purposes, 24 hours/day

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Security fence post installation • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • High voltage cabling and other electrical installation work in the rail corridor and substations • Voltage Limiting Device (VLD) negative cabling works • Deliver and install VMD units and cabling • Operation of transformers for testing and commissioning purposes, 24 hours/day at the Lakemba substation site • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for out-of-hours work • Fit and strap covers to GST along rail corridor • Operation of transformers for testing and commissioning purposes, 24 hours/day at the Lakemba substation site • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, hi-rail vehicles, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers**.**

Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julie** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Campsie

October 2023

Sydney Metro is Australia's biggest public transport project.

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Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Campsie Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Campsie (along the rail corridor)	• Testing and jointing cables • Fit and strap covers to galvanised steel troughing (GST) along rail corridor • Demobilisation of site amenities and offices for station upgrades • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Internal works at Campsie Station platform • Finishing trades such as painting
Around Campsie Station	• Completing building services and defect rectification • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrade • Installation of brackets and containments on station platform
Services building site at Lilian Lane opposite Dewar Street	• Ongoing termination work • Local cabling for padmounts • Completing building services and defect rectification • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrades • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Substation site (Off Lilian Street)	• Installing cables and cable supports, and mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting, maintenance of new trees and shrubs • Traffic controllers to facilitate truck movements on Lilian Street (if required) • Operation of transformers for testing and commissioning purposes, 24 hours/day

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures and fibre cabling • Various work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage Limiting Device (VLD) negative cabling works • Deliver and install VMD units and cabling to station • Temporary removal of parking spaces adjacent to the rail corridor along North and South Parade • Modification to the Duke Street footbridge, including temporary closure with pedestrian detour via Beamish Street • Operation of transformers for testing and commissioning purposes at the Campsie substation site, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor • Operation of transformers for testing and commissioning purposes at the Campsie substation site, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of fibre cabling • Modification to Wairoa Street bridge including temporary road closure from 10pm to 4am between 9 -13 October and 16 - 20 October on Wairoa Street between South and East Parade. Road diversions will be in place. Northern diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern diversions will be via South Parade and Beamish Street.

Equipment used for the above work will include heavy machinery (including but not limited to excavators, trucks, hi-rail vehicles, hydraulic ram, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to scheduled work will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Canterbury

October 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Canterbury Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Canterbury (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Electrical work within rail corridor • Galvanised steel troughing (GST) strapping in corridor
Around Canterbury station	• Storage and removal of materials and plant • Station equipment rooms work • Electrical containment installation on Platform 0/1 and 2 and pedestrian ramp, light fittings and building services on Platform 0/1 and 2 • Remediation and painting work for existing structural steel • Installation of electrical components and running cables at services building • Demobilisation of amenities from carpark, 6 Charles Street storage area and 6 Broughton Street • Ongoing termination and testing work at services building • Installation of brackets and containments on the station platform • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Former Bowling Club	• Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Temporary parking impacts on Close Street • Vegetation management
Substation site off Hutton Street	• Installing cables, cable supports, and mechanical and electrical fitout inside Traction Substation • Landscaping including planting, maintence of new trees and shrubs • If required, Traffic controllers to facilitate truck movements on Hutton Street • Operation of transformers at the Canterbury substation site for testing and commissioning purposes, 24 hours/day

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

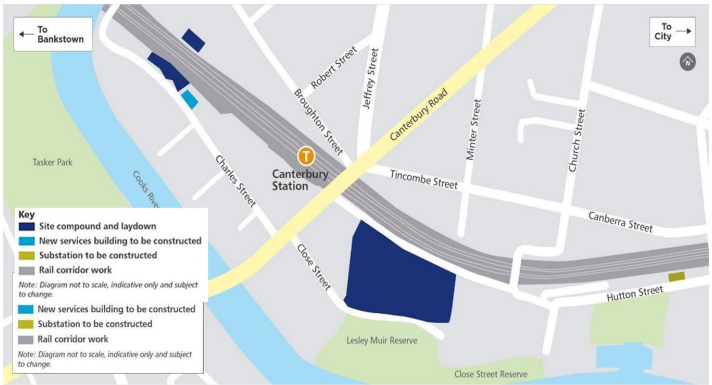
Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Various works related to the segregation fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Modification work at Church Street footbridge including temporary closure of Church Street footbridge and temporary removal of parking along Church Street cul-de-sac. Pedestrian diversions via Church Street, Tincombe Street, Canterbury Road and the public footpath between the rail corridor and the former Canterbury Bowls Club • Pit lid replacement on platform • High voltage cabling and other electrical installation work along rail corridor and at substation • Electrical containment installation on Platform 0/1 and 2 and pedestrian ramp, light fittings and building services on Platform 0/1 and 2 • Metro services building work on Charles Street – installing electrical components and cables • Ongoing termination and testing work at services building • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings. Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the Canterbury substation site for testing and commissioning purposes, 24 hours/day
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Bus stops lighting work on Broughton Street • Installation of brackets on station platform and fit out of station equipment rooms and buildings • Fit and strap covers to GST along rail corridor • Delivery of Voltage Limiting Device (VLD) and negative cabling work • Installation of trackside equipment and cables • High voltage cabling and other electrical installation work • Temporary parking impacts on Close Street • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at Canterbury substation for testing and commissioning, 24 hours/day • Modification to Wairoa Street bridge including temporary road closure from 10pm to 4am between 9 -13 October and 16 - 20 October on Wairoa Street between South and East Parade • Road diversions will be in place. Northern side diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern side diversions will be via South Parade and Beamish Street.

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24-hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.



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City & Southwest

Notification – Dulwich Hill

October 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Dulwich Hill Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Dulwich Hill (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Internal works at station platform • Testing and jointing
Around Dulwich Hill Station	• Finishing work on the new pedestrian footbridge • Fit out and services work within new platform building • Installation of in-ground services within new plaza area • Installation of concrete slabs, footpaths and stairs within new plaza area • Paving, fencing and finishing work to new plaza area • Installation of brackets and contaminants on the station platform • Brickwork tie-ins between light rail stop and pedestrian overbridge
Services building site at Ewart Lane	• Installation of building services and equipment within building • Installation of in-ground services and drainage • Mechanical duct works • Installation of permanent steel access stairs • Asphalting of new driveway and around padmount substations • Ongoing termination work • Local cabling for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts services buildings • Ongoing termination and cabling work
Substation site (off Randall Street behind Albermarle Street, Marrickville)	• Cable supports, cable tray structure as well as mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting, maintence of new trees and shrubs • Traffic control to facilitate truck movements from Livingstone Road into Randall Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

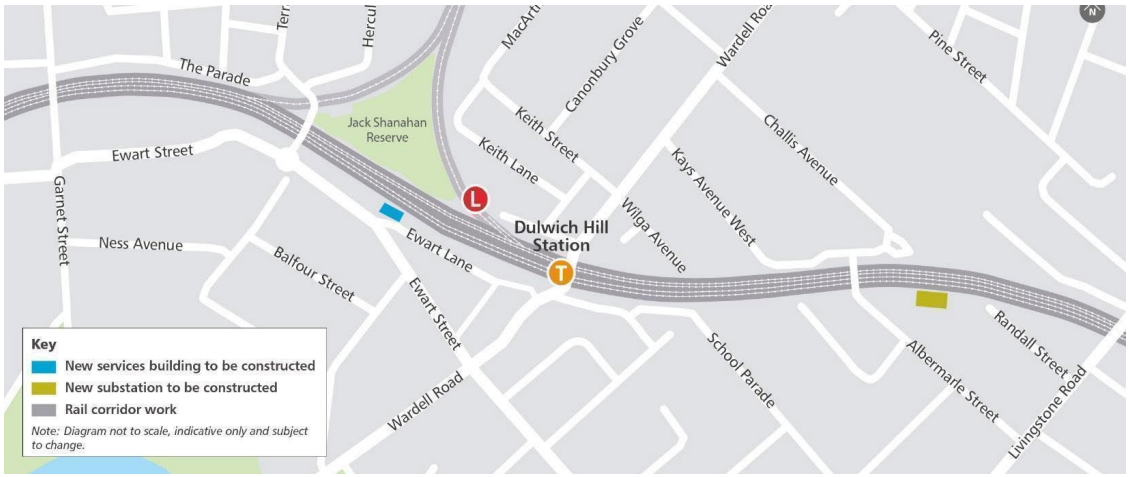
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Platform asphalting • Installation of gutters to new platform stair canopies • Installation of new lighting and electrical cabling on platform • Minor defect rectification works around platform • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Installing overhead wiring footings and structures • Various works related to the segregation fence installation within the rail corridor • Installing fibre cables • Operation of transformers at the Dulwich Hill substation site for testing and commissioning purposes, 24 hours/day
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Delivery and installation of electrical units and cabling, including cable pulling • Delivery of Voltage Limiting Device (VLD) and negative cabling work • Installing fibre cables • Operation of transformers at the Dulwich Hill substation site for testing and commissioning purposes, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

Notification – Hurlstone Park

October 2023

Sydney Metro is Australia's biggest public transport project.

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Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Hurlstone Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Hurlstone Park (along the rail corridor):	• Installation of fencing, cables and cable service route (CSR) including cable pulling • Site investigations, surveys and associated activities. • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work
Around Hurlstone Park Station	• Utilisation of access gates and laydown areas at Keir Avenue, The Parade, Ewart Street, Railway Street and Foord Avenue • Delivery of construction plant and materials • Footpath closures for footpath works with pedestrian and traffic detours in place under the direction of traffic control (residential access will be maintained) • High level containment work for electrical and communication services • Ceiling work at concourse and on stairs • Platform equipment installation • Site shed layout adjustments as required to facilitate ongoing construction works, including the resulting traffic impacts • Landscaping work • Defect rectification works • Installation of brackets and contaminants on the station platform
Services building site off Railway Street	• Site investigations, surveys and associated activities • Delivery of construction plant and materials • Installation of fencing, cables, and cable service route (CSR) and troughing • Work associated with installation of future boundary fencing • Minor roofing and wall cladding works • Services connections for chiller units • Services installation within building structures including cladding and doors to progress building works • Landscaping work • Site shed layout adjustments as required to facilitate ongoing construction works, possibly resulting in local traffic impacts • Ongoing termination work at services building • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Substation site, off Hutton Street	• Installing cables, cable supports, and mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting, maintenance of new trees and shrubs • Traffic controllers to facilitate truck movements on Hutton Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Installing overhead wiring footings and structures • Various activities related to the segregation fence installation within the rail corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage limiting device (VLD) negative cabling works • Deliver and installation of VMD units and cabling • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Install of display cantilever arms
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email linewideMetro@transport.nsw.gov.au. For all other works please ask for **Julie** or email SouthwestMetro@transport.nsw.gov.au.

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City & Southwest

Notification – Lakemba

October 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Lakemba Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.** You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Lakemba (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Testing and jointing cables within the rail corridor • Fit and strap covers to galvanised steel troughing (GST) • Internal work at station platform and any defect work required
Around Lakemba station (Railway Parade and The Boulevarde):	• Delivery of plant and materials including storage and removal as required • Temporary footpath and lane closures will be in place when required at Railway Parade and The Boulevarde near the station; Signage and traffic control will be in place for the safety of workers and the public • Temporary footpath closure on Haldon Street bridge for anti-throw screen handrail, anti-graffiti installation and maintenance works • Temporary car park closures • Use of work platforms for work at Railway Parade and The Boulevarde station entry • Use of crane lifts along Railway Parade • Carpark reinstatement and minor landscape work around Metro Services Building • Installation of brackets and contaminants on station platform • Minor landscaping works around the Metro Services Building
Services building site on Railway Parade near Bellevue Avenue:	• Delivery of plant and materials • Signage and traffic control will be in place as needed for worker and public safety • Construction work including concreting, electrical work, cable installation, cladding, mechanical services installation and security installation • Installation of temporary fencing • Clean and fit out of stormwater pits • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Lakemba substation, off The Boulevarde, near Taylor Street:	• Installation of perimeter fence • Installing cables and cable supports, conduits, transformers, and mechanical and electrical fit out • Landscaping including planting, maintenance of new trees and shrubs • Site Amenities relocation. • If required, Traffic control to facilitate truck movements on The Boulevarde • Operation of transformers for testing and commissioning purposes, 24 hours/day

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• High voltage cabling and other electrical installation work along rail corridor and at substation • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Track related construction activities • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Testing of electrical and mechanical system • Delivery and installation of VMD units and cabling at station • Electrical and mechanical work and installation of pit labels • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to troughing along rail corridor • Fit out of station equipment rooms and buildings • Installation and alterations to trackside equipment and cables • Delivery of voltage limiting device (VLD) and VLD negative cabling works at station • Removal of temporary works anti-fall sheeting and strapping • Dressing high voltage structures • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

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City & Southwest

Notification – Marrickville

October 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Marrickville Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.** You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment..

Location	Details of work during standard construction hours (daytime)
Marrickville (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Testing and jointing cables within the rail corridor • Fit and strap covers to galvanised steel troughing (GST)
Around Marrickville Station	• Testing and commissioning of services including mechanical, fire and active assets including platform lighting and live voltage services • Installation of bollards and tactiles and defect rectification • Installation of brackets and high-level containment on the station platform • Fibre cabling installation on the platforms • Internal work at the platform
Services building site in the rail corridor, off Victoria Road	• High voltage power energisation • Testing and commissioning of Metro Services Building • Demobilisation from site and associated activities • Local cabling for padmount • Ongoing termination work • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Substation site (off Randall Street behind Albermarle Street)	• Cable supports, cable tray structure as well as mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting, maintence of new trees and shrubs • Traffic control to facilitate truck movements from Livingstone Road into Randall Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Throw screen anchor pull testing under Illawarra Road bridge • Rope and mandrel of platform conduits • Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Various work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities and pulling cables • Installation of Cable Service Routes (CSR), Galvanised Steel Troughing (GST) and Ground Level Troughing (GLT) • Pull Testing of Throw Screen Anchors (ARTC Line) • Voltage limiting device (VLD) negative cabling installation at station • Delivery and installation of VMD units and cabling • Redundant cable removal from Station Rooms and installing fibre cables • Platform low voltage and electrical works • Earthing cable works on Platform 0 and 1 and earthing pit installation on Platform 1 • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Installation of security fencing rails • Fit and strap covers to galvanised steel troughing along rail corridor • Fit out of station equipment rooms and buildings • Installation of trackside equipment and cables • High voltage cabling and other electrical installation work • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

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Notification – Punchbowl to Bankstown

October 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Hurlstone Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Punchbowl to Bankstown (along the rail corridor)	• Testing and jointing cables • Fit and strap covers to galvanised steel troughing (GST) along rail corridor • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Internal works at Punchbowl Station platform and Bankstown Station platform
Punchbowl Station and surrounding areas & Concourse	• Installation of brackets on station platform • Minor defect rectification • Testing and commissioning including lifts
Services building site off Urunga Parade, adjacent to the rail line	• Local cabling for padmounts • Ongoing termination work • Minor defect rectificaton • Testing and commissioning of services • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Punchbowl substation, off South Terrace near Scott Street	• Installation of perimeter fence • Installing cables and cable supports, conduits, transformers, and mechanical and electrical fit out • Landscaping including planting, maintenance of new trees and shrubs • Site amenities relocation • Traffic control to facilitate truck movements on South Terrace, if required

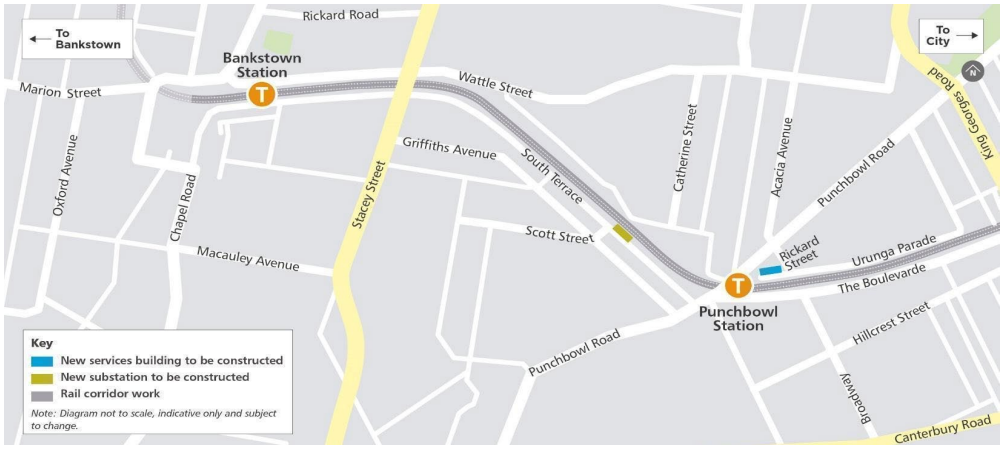
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• HV cabling in the rail corridor • HV cabling and other electrical installation work at substations • Voltage Limiting Device (VLD) negative cabling work • Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Bankstown Station platform works • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Deliver and install VMD units and cabling at Punchbowl Station and Bankstown Station • Pulling cables on track • Operation of generators for testing and commissioning of padmount transformers, 24/7 • Operation of transformers at the substation site for testing and commissioning purposes, 24/7

Equipment used for the above work will include excavators, jack hammers, hi-rail vehicles, vacuum trucks, slashers, motorised saws, concrete trucks, sucker trucks, delivery vehicles, borehole drillers, rollers, generators, whacker packers, dump trucks, wood chippers, mulchers, grass cutters, telehandlers, crane trucks, drilling rigs, lifting machinery, elevated work platforms, bobcats, concrete pumps, cable pulling equipment, compactors, lighting towers, forklifts, chainsaw, water carts, vibrating plates, crane 400T, franna crane, elevated work platform, concrete pump, excavator and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers. **Where temporary footpath changes, car parking removal or lane closures are required for works, traffic control, pedestrian detours and signage will be in place to assist the community.**



Keeping you informed

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1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

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City & Southwest

Notification – Wiley Park

October 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In October, work will continue along the corridor and at Wiley Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Wiley Park (along the rail corridor)	• Testing and commissioning activities • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Testing and jointing cables • Fit and strap covers to GST along rail corridor • Internal works at station platform • Minor incomplete work updates and defect rectification
Wiley Park Station	• Defect rectification work • Testing and commissioning at services building and station • Ongoing termination work at services building • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings

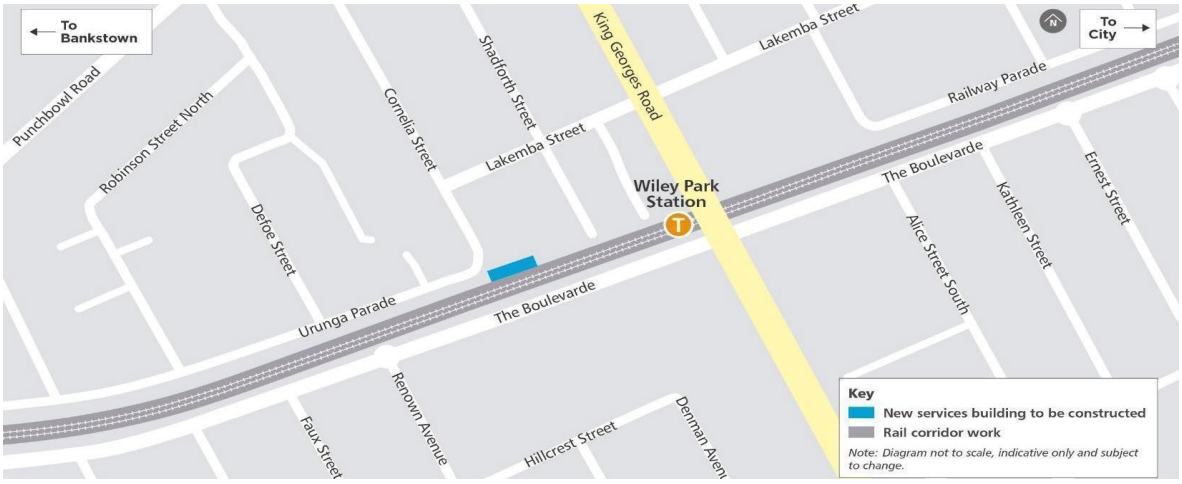
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 21 October to Sunday 22 October 2023***	• Testing and commissioning activities • Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Security fence post installation • Track related construction activities • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • High voltage cabling in the rail corridor and pulling cables on track • High voltage cabling and other electrical installation work at substations • Voltage limiting device (VLD) negative cabling works • Delivery and installation of VMD units • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming work • Fit and strap covers to GST along rail corridor • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



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southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

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EPL 21147
R4.4 Validation Report

SWMC WE20

Track Skim Recon Works (inc Repairs), Installation of Segregation Fence, Security Fence Panel/mesh screens, OHW Footings/Structure, GST Installation, Vegetation Clearing and Installation of Brackets at Stations, Cabling and Trackside Equipment.

Document and Revision History

Document Details	
Title	R4.4 Validation Report
Client	Sydney Metro City & Southwest
JHLOR JV contract no.	K44

Revisions

Revision	Date	Description	Prepared by	Reviewed by
00	14/11/2023	Prepared for R4.4	Zhengyi Zhang	Andre Kruize

Management reviews

Review date	Details	Reviewed by

Controlled: NO Copy no.: Uncontrolled: YES

Table of Contents

Introduction 3

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail: 3

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 3
2. A copy of the community notification required under Condition L5.12 4
3. Noise monitoring as required by L5.8(d) 4
4. Details of any exceedances of predicted noise levels; 4
5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite..... 4
6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1. 5

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight. 5

Attachment 1 – Noise Monitoring Results 6

Attachment 2 – Community Notification 11

Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 for out-of-hour works carried out over 11th and the 12th of November during Weekend 20 Rail Possession (WE20) over 2 days and 1 night. Works was carried under condition L5.6 - Local Possessions at the following locations;

- Track Skim Recon Works between Lakemba (LA6) to Punchbowl (PB6)
- Track defects repairs
  - Cook's river section, country side near Canterbury
  - Loch St bridge section, city side near Campsie.
- Segregation Fence Post & Panel Installation
  - Illawarra Rd to Ewart St (Access Wooley Ln MA1)
  - Hurlstone Pk to Melford (Access HP9)
  - Campsie city side (Access CB9)
  - Campsie to BelmoreT (Access BelmoreT)
- Security Fence Piling and Post & Panel Installation
  - Carrington to Victoria Rd (down)
  - Belmore Stadium Area (down)
  - Belmore Station (Countryside, down)
  - Lakemba (City side, down)
  - Wiley Park to Punchbowl
- Overhead Wiring Works (installing footings & structure)
  - Various locations through corridor – on the edge of the ballast shoulder
- GST Cable Tray Installation
  - Marrickville Station
- CSR dropper and earthing
  - Hurlstone Park under bridge
  - Belmore Triangle to Belmore Station
- Clearing of vegetation at Belmore Triangle
  - Along Lilian Ln, from Loftus St to Loch St
- Installation of platform brackets (large and small)
  - Dulwich Hill Station
  - Canterbury Station
  - Lakemba Station, and
  - Punchbowl Station
- Installation of Cabling and Trackside Equipment throughout corridor

Refer to **Attachment 1** for monitoring results.

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail:

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The assessment prepared for the works included modelling for the following plant and equipment:

- Tamper and regulator
- Track welding and realignment equipment
- PEM LEM
- Excavators 3T, 6 and13T (inc jack hammer attachments)

- Balloon tyre dump trucks (Hydrema)
- Light vehicles
- Trucks
- Payloader
- Handheld powered and non-powered tools
- Vac Trucks
- EWP/telehandler
- Front-end loader
- Concrete truck and line pump
- Portable Generators
- Compressors
- Compactor
- Bogie
- Water pumps
- 4T Dumpy
- 60T crane
- Site lights

2. A copy of the community notification required under Condition L5.12

A copy of the community notification required under Condition L5.12 is appended as **Attachment 2**.

3. Noise monitoring as required by L5.8(d)

WE17 noise monitoring was carried out at 7 locations on the perimeter of the rail corridor:

- 20m north-west of Victoria Rd bridge (inside corridor), Marrickville
- 22m south of 3 Railway Pde, Belmore
- 25m south of 16 Railway Pde, Lakemba
- 20m south-east of 17 Alice St N, Wiley Park
- 25m south-west of Wiley Park Station down platform
- 30m south of 40 Urunga Parade, Punchbowl
- Between 15 and 17 South Terrace, adjacent to property back fence, Punchbowl

Refer to attachment 1.

4. Details of any exceedances of predicted noise levels;

During WE20, there were no exceedances of the noise predictions due to construction activity.

5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The following noise mitigation measures are implemented:

Source noise controls include mufflers fitted to exhausts, regular maintenance of plant, acoustic enclosure of machinery on plant items, non-tonal reversing alarms fitted to plant.

Additional Mitigation measures: General community (monthly) notification. Assessment of OOHW construction activities and associated noise impacts. Specific notification to impacted residents no later than 7 days out - AA and RO mitigation. Use of real time noise monitors at targeted work

locations. Periodic desk top checks on data collected by the 7 real time monitoring instruments during work periods.

On site mitigation instructions to crews. No music, no dropping of objects
No shouting or unnecessary noise
Be respectful of neighbours when coming and going from site. As far as possible, avoid congregating near residential property boundaries.
Position plant as far from residents as possible and orientate them if possible, to emit noise on non-resident side.
Plant to be switched off when not in use.

6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1.

The works carried out on WE20 were completed under L5.6 (Local Possession) as carrying out these associated construction activities during standard construction hours (specified in L5.1) would cause unacceptable risks to construction personnel safety; rail passenger and railways personnel safety and railway network operational reliability. The works could only be safely conducted during a rail possession due to works occurring within the rail corridor. All feasible and reasonable at-source noise controls were implements in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight.

This R4.4 Validation report has been submitted to EPA by no later than two business days after the end of the fortnight.

Attachment 1 – Noise Monitoring Results

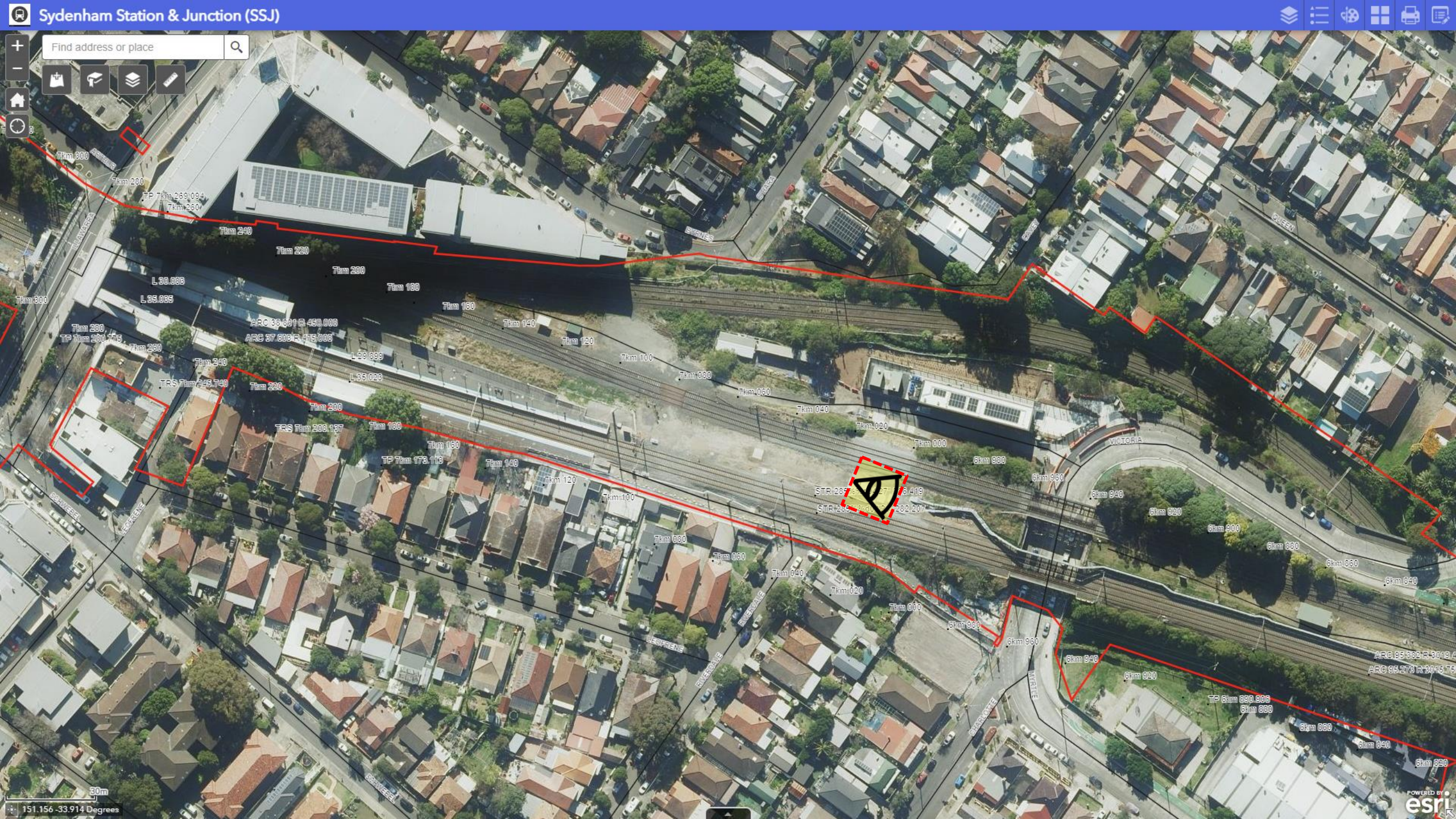
- Monitoring Result
- Monitoring Location

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min	Compliant	Comments
1	NCA 01 Continues Monitoring 20m north-west of Victoria Rd bridge (inside corridor), Marrickville	11/11/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	53	71	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 53 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (71 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
2		11/11/2023 To 12/11/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			51	69	Yes	• RBL: 33 dB • LAeq15min below predictions. • Highest LAeq15min value of 51 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
3		12/11/2023	Day to Evening 7:00 to 22:00			53	71	Yes	• RBL: 38 • LAeq15min below predictions. • Highest LAeq15min value of 53 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (33 dB) is lower than the predicted level (71 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
4	NCA 07 Continues Monitoring 22m south of 3 Railway Pde, Belmore	11/11/2023	Day to Evening 7:00 to 22:00			54	70	Yes	• RBL: 41 • LAeq15min below predictions. • Highest LAeq15min value of 54 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
5		11/11/2023 To 12/11/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	67	Yes	• RBL: 35 dB • LAeq15min below predictions. • Highest LAeq15min value of 47 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
6		12/11/2023	Day to Evening 7:00 to 22:00			58	70	Yes	• RBL: 41 • LAeq15min below predictions. • Highest LAeq15min value of 58 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (58 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq 15min in work period	Predicted noise level LAeq,15min	Compliant	Comments
7	NCA 08 Continues Monitoring 25m south of 16 Railway Pde, Lakemba	11/11/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	59	62	Yes	• RBL: 47 • LAeq15min below predictions. • Highest LAeq15min value of 59 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (59 dB) is matched the predicted level (62 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
8		11/11/2023 To 12/11/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			46	64	Yes	• RBL: 41 dB • LAeq15min below predictions. • Highest LAeq15min value of 46 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (46 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
9		12/11/2023	Day to Evening 7:00 to 22:00			56	62	Yes	• RBL: 47 • LAeq15min below predictions. • Highest LAeq15min value of 56 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (62 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
10	NCA 09 Continues Monitoring 20m south-east of 17 Alice St N, Wiley Park	11/11/2023	Day to Evening 7:00 to 22:00		- Excavator - Tamper, - regulator - PEM LEM - Light tower - Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	58	66	Yes	• RBL: 44 • LAeq15min below predictions. • Highest LAeq15min value of 58 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (58 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
11		11/11/2023 To 12/11/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	66	Yes	• RBL: 36 dB • LAeq15min below predictions. • Highest LAeq15min value of 57 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
12		12/11/2023	Day to Evening 7:00 to 22:00			56	66	Yes	• RBL: 44 • LAeq15min below predictions. • Highest LAeq15min value of 56 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq 15min in work period	Predicted noise level LAeq,15min	Compliant	Comments
13	NCA 09 Continues Monitoring 25m south-west of Wiley Park Station down platform	11/11/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavator - Tamper, regulator - PEM LEM - Light tower - Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	59	64	Yes	• RBL: 44 • LAeq15min below predictions. • Highest LAeq15min value of 59 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (59 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
14		11/11/2023 To 12/11/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			59	64	Yes	• RBL: 36 dB • LAeq15min below predictions. • Highest LAeq15min value of 59 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (59 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
15		12/11/2023	Day to Evening 7:00 to 22:00			57	64	Yes	• RBL: 44 • LAeq15min below predictions. • Highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
16	NCA 10 Continues Monitoring 30m south of 40 Urunga Parade, Punchbowl	11/11/2023	Day to Evening 7:00 to 22:00			60	72	Yes	• RBL: 47 • LAeq15min below predictions. • Highest LAeq15min value of 60 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (60 dB) is lower than the predicted level (72 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
17		11/11/2023 To 12/11/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	72	Yes	• RBL: 41 dB • LAeq15min below predictions. • Highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (72 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
18		12/11/2023	Day to Evening 7:00 to 22:00			61	72	Yes	• RBL: 47 • LAeq15min below predictions. • Highest LAeq15min value of 61 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (61 dB) is matched the predicted level (72 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq 15min in work period	Predicted noise level LAeq,15min	Compliant	Comments
19	NCA 10 Continues Monitoring Between 15 and 17 South Terrace, adjacent to property back fence, Punchbowl	21/10/2023	Day to Evening 7:00 to 22:00	General track related construction activities	- Excavator - Tamper, - regulator - PEM LEM - Light tower - Excavators 3T, 6 and13T (inc jack hammer attachments) - Balloon tyre dump trucks (Hydrema) - Light vehicles - Trucks - Payloader - Handheld powered and non-powered tools - Vac Trucks - EWP/telehandler - Front-end loader - Concrete truck and line pump - Portable Generators - Compressors - Compactor - Bogie - Water pumps - 4T Dumpy - 60T crane - Site lights	57	71	Yes	• RBL: 47 • LAeq15min below predictions. • Highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (71 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
20		21/10/2023 To 22/10/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	70	Yes	• RBL: 41 dB • LAeq15min below predictions. • Highest LAeq15min value of 60 dB due to general construction noise between the hours of 22:00 and 07:00. • The Highest LAeq in work period (60 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**
21		22/12/2023	Day to Evening 7:00 to 22:00			66	71	Yes	• RBL: 47 • LAeq15min below predictions. • Highest LAeq15min value of 66 dB due to general construction noise between the hours of 07:00 and 22:00. • The Highest LAeq in work period (66 dB) is matched the predicted level (71 dB) • **Predicted noise levels (weekend works) in this area triggered offers for Respite**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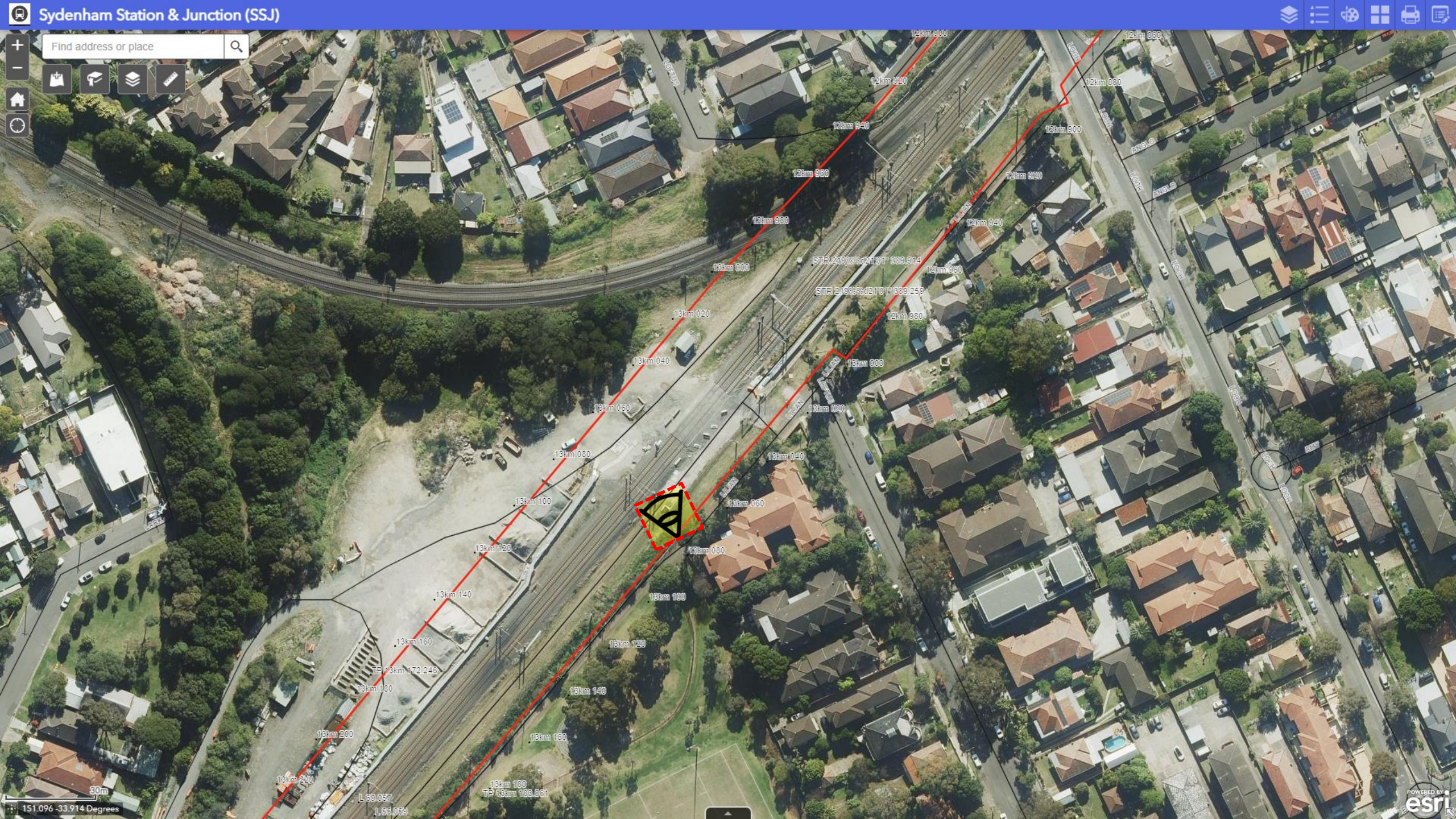
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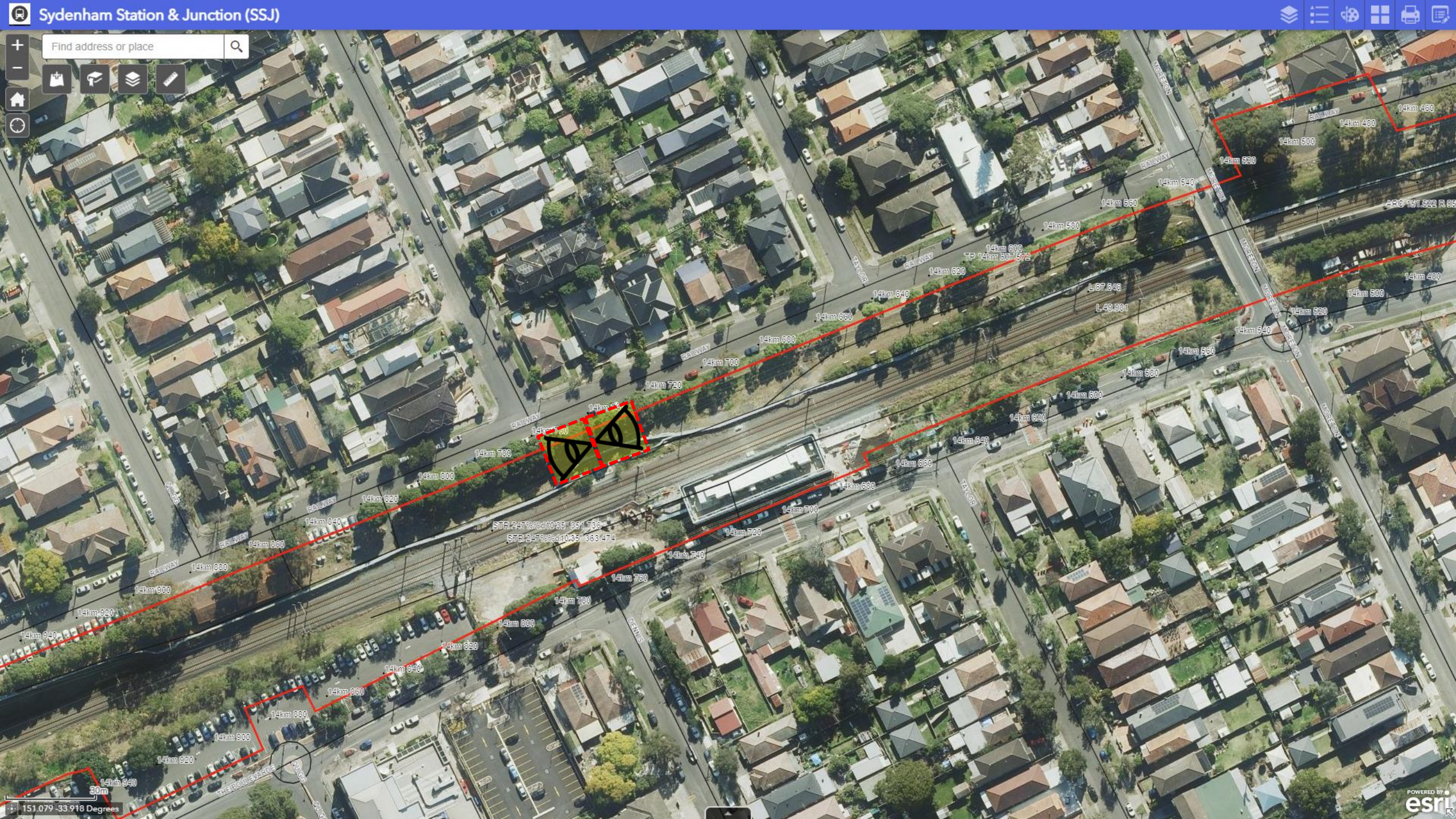
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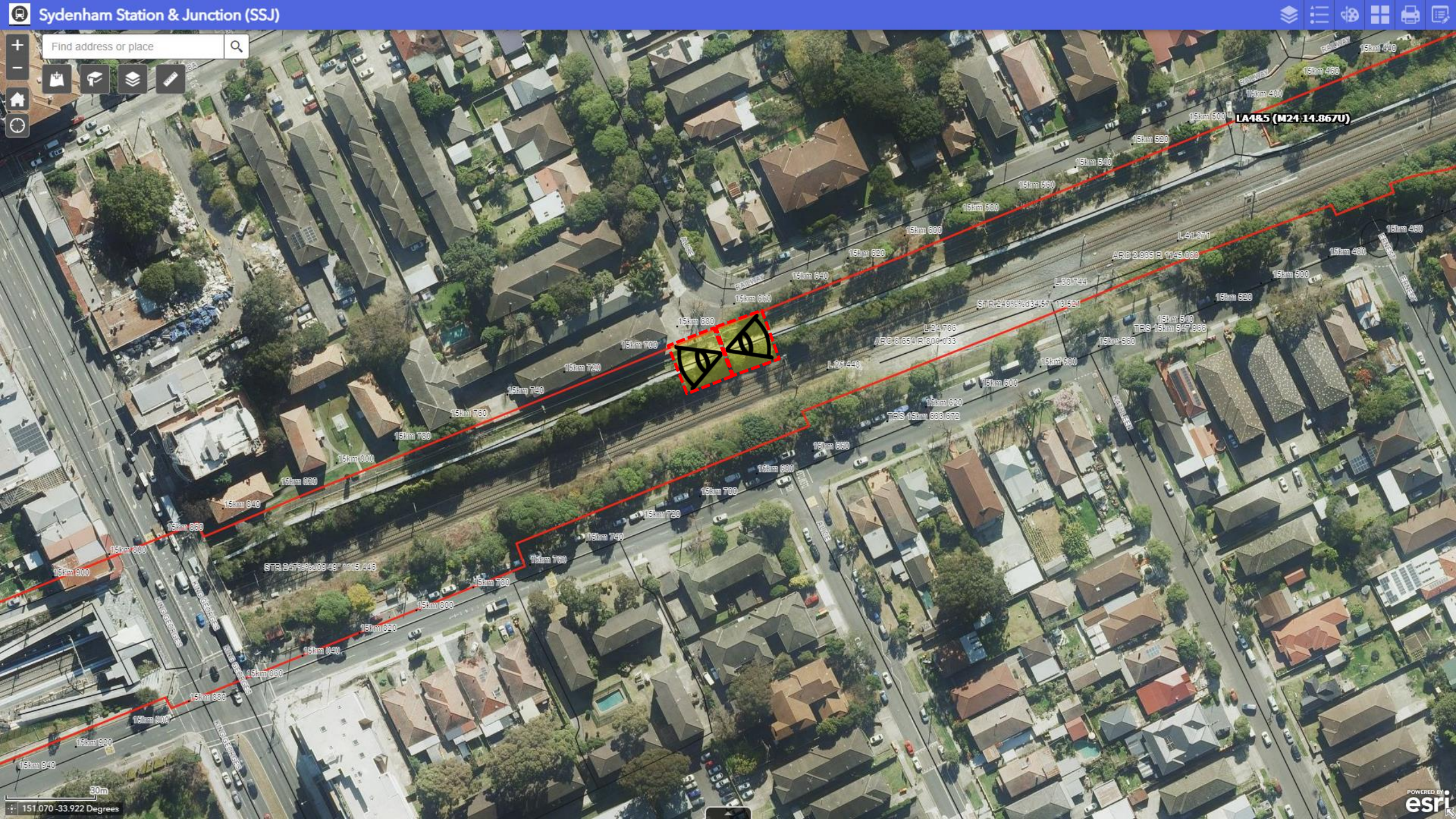
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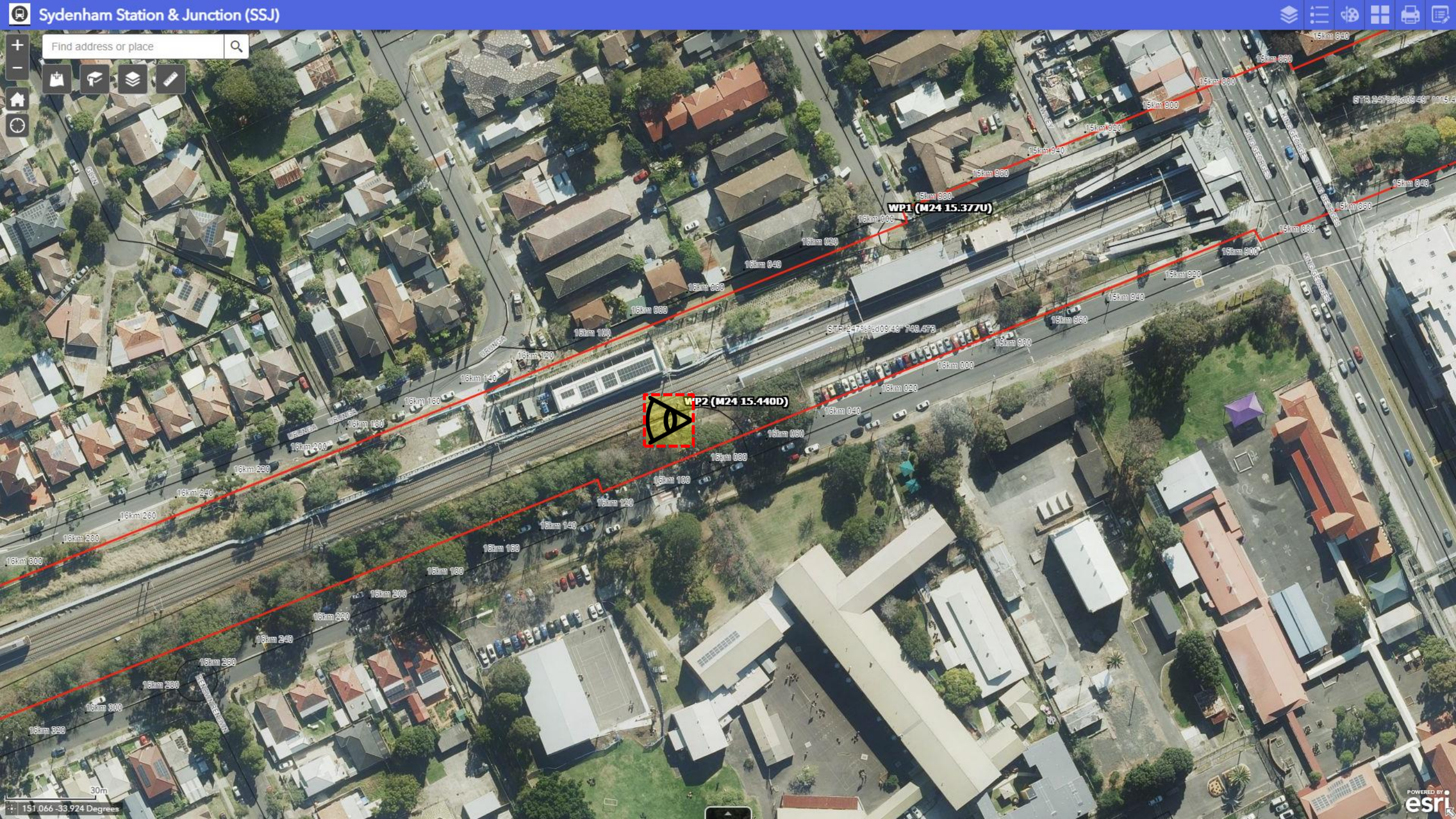
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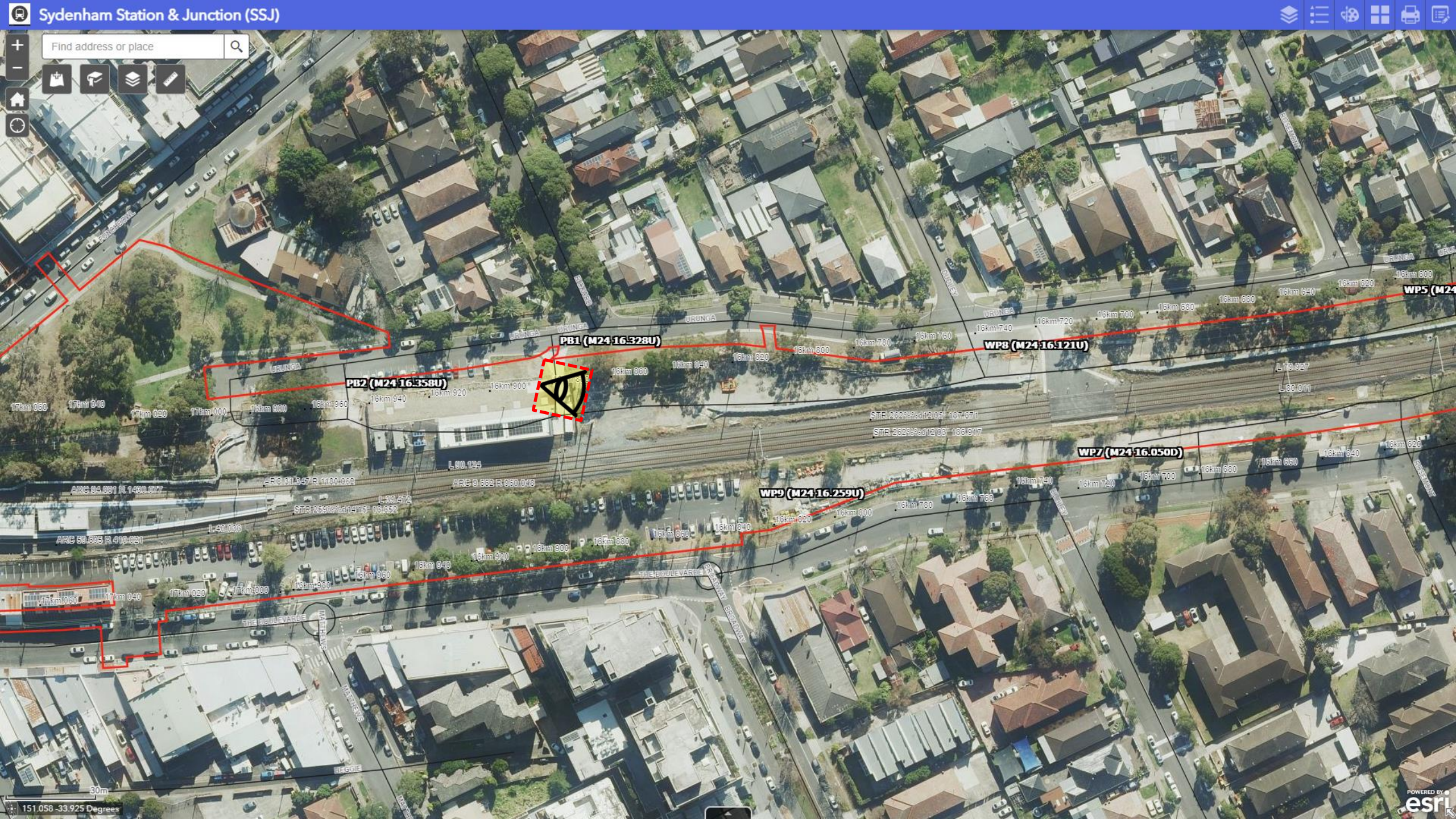
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Attachment 2 – Community Notification

Community Notifications were provided to residents of:

- Canterbury,
- Marrickville,
- Hurlstone Park,
- Dulwich Hill, and
- Campsie.

Please refer to the following community notifications for works undertaken at the previously stated locations.

Notification – Belmore

November 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Belmore Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Belmore (along the rail corridor)	• Testing and commissioning activities at the station • Minor defect rectification and internal work at station platform • Galvanised steel trough (GST) strapping in rail corridor • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Security fence post installation • Cable installation and temporary removal of trackside equipment
Around Belmore Station and at the services building site (off Redman Parade, adjacent to the rail line)	• Fencing work at the services building • Testing and commissioning activities at the services building • Minor defect rectifications as required • Local cabling for padmounts • Installation of brackets and contaminants on station platform • Help point, Personal Emergency Care (PEK) and Visual Indication Unit (VIU) install on the concourse • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment
Belmore site compound (Bridge Road)	• Delivery and storage of materials, including cables, cable drums, light and heavy vehicles • Ongoing truck and traffic movements into and out of site, occasionally managed by traffic control
Lakemba substation, off The Boulevarde, near Taylor Street	• Installation of perimeter fencing • Installation of cables, cable supports, conduits, transformers and mechanical and electrical fit out • Landscaping including planting and maintenance of new trees and shrubs • Site amenities relocation • Traffic control to facilitate truck movements on The Boulevarde, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities and security fence post installation • Various work related to the Combined Services Route (CSR) within the corridor • High voltage cabling and other electrical installation work in the rail corridor and substations • Voltage Limiting Device (VLD) negative cabling works • Delivery and install of VMD units and cabling • Operation of transformers for testing and commissioning purposes, 24 hours/day at the Lakemba substation site • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings. • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms and buildings and installation of trackside equipment
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for out-of-hours work • Fit and strap covers to GST along rail corridor • Operation of transformers for testing and commissioning purposes, 24 hours/day at the Lakemba substation site • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings. • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, hi-rail vehicles, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julie** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Campsie

November 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Campsie Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Campsie (along the rail corridor)	• Testing and jointing cables • Fit and strap covers to galvanised steel troughing (GST) along rail corridor • Demobilisation of site amenities and offices for station upgrades • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Security fence post installation • Modification to the Duke Street footbridge, pedestrian access will be maintained • Cable installation and temporary removal of trackside equipment
Around Campsie Station	• Completing building services and defect rectification • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrade • Internal work and Installation of brackets and containments on station platform • Testing and commissioning work
Services building site at Lilian Lane opposite Dewar Street	• Ongoing termination work • Local cabling for padmounts • Completing building services and defect rectification • Finishing trades such as painting • Demobilisation of site amenities and offices for station upgrades • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment • Electrical Testing and commissioning work
Substation site (Off Lilian Street)	• Installation of cables and cable supports as well as mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements on Lilian Street (if required) • Operation of transformers for testing and commissioning purposes, 24 hours/day

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures and fibre cabling • Various work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage Limiting Device (VLD) negative cabling works • Delivery and installation of VMD units and cabling to station • Temporary removal of parking spaces adjacent to the rail corridor along North and South Parade • Modification to the Duke Street footbridge, including temporary closure with pedestrian detour via Beamish Street • Operation of transformers for testing and commissioning purposes at the Campsie substation site, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Finishing trades such as painting and minor defect rectification work • Operation of generators for temporary station and third party shops during the possession, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms and buildings and installation of trackside equipment and cable work
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor and installing fibre cables • Operation of transformers for testing and commissioning purposes at the Campsie substation site, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, trucks, hi-rail vehicles, hydraulic ram, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to scheduled work will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

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City & Southwest

Notification – Canterbury

November 2023

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Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Canterbury Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Canterbury (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Galvanised steel troughing (GST) strapping and electrical work within rail corridor • Modification work at Church Street footbridge including temporary closures of Church Street footbridge (pedestrian access will be maintained)
Around Canterbury station	• Storage and removal of materials and plant • Station equipment rooms work • Installation of brackets and containments on Platform 0/1 and 2 and pedestrian ramp, light fittings and building services on Platform 0/1 and 2 • Remediation and painting work for existing structural steel • Installation of electrical components and running cables at services building • Demobilisation of amenities from carpark, 6 Charles Street and 6 Broughton Street storage areas • Ongoing termination and testing work at services building • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment
Former Bowling Club	• Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Temporary parking impacts on Close Street • Vegetation management
Substation site off Hutton Street	• Installing cables, cable supports, and mechanical and electrical fitout inside Traction Substation • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements on Hutton Street (if required) • Operation of transformers at the Canterbury substation for testing and commissioning, 24 hours/day

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Various works related to the segregation fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Modification work at Church Street footbridge including temporary closure of Church Street footbridge and temporary removal of parking along Church Street cul-de-sac. Pedestrian diversions via Church Street, Tincombe Street, Canterbury Road and the public footpath between the rail corridor and the former Canterbury Bowls Club • Pit lid replacement on platform • High voltage cabling and other electrical installation work along rail corridor and at substation • Electrical containment installation on Platform 0/1 and 2 and pedestrian ramp, light fittings and building services on Platform 0/1 and 2 • Metro services building work on Charles Street – installation of electrical components and cables • Ongoing termination and testing work at services building • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the Canterbury substation site for testing and commissioning purposes, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms and buildings and installation of trackside equipment and cables
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Bus stops lighting work on Broughton Street • Installation of brackets on station platform and fit out of station equipment rooms and buildings • Fit and strap covers to GST along rail corridor • Delivery of Voltage Limiting Device (VLD) and negative cabling work • Installation of trackside equipment and cables • High voltage cabling and other electrical installation work • Temporary parking impacts on Close Street • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at Canterbury substation for testing and commissioning, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

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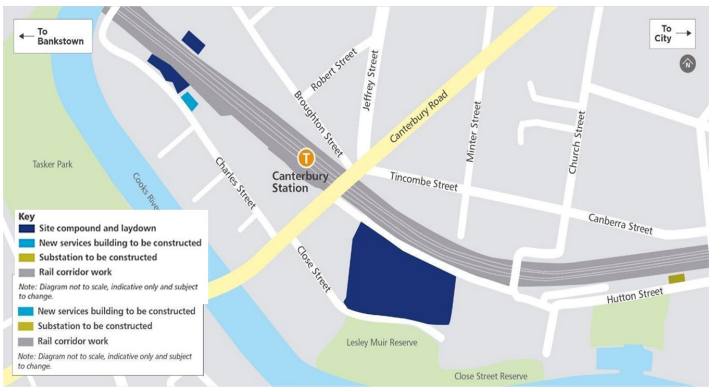

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City & Southwest

Notification – Dulwich Hill

November 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Dulwich Hill Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Dulwich Hill (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Internal work at the station platform • Testing and jointing work, and testing and commissioning activities • Cable installation and temporary removal of trackside equipment
Around Dulwich Hill Station	• Finishing work on the new pedestrian footbridge lifts • Fit out and services work within new platform building • Paving, fencing and handrail work around the new plaza area • Installation of brackets and contaminants on the station platform • Installation of cables, cable trays, cabinets and trackside equipment
Services building site at Ewart Lane	• Installation of services and equipment within the services building • Installation of in-ground services and drainage • Mechanical ducting work • Asphalting of new driveway at services building and around padmount substations • Cabling for padmounts, ongoing termination work and testing and commissioning activities • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Local cabling, mechanical and electrical fit out work for padmount services buildings
Substation site (off Randall Street behind Albermarle Street, Marrickville)	• Installation of cable supports and cable tray structure, and mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements from Livingstone Road into Randall Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

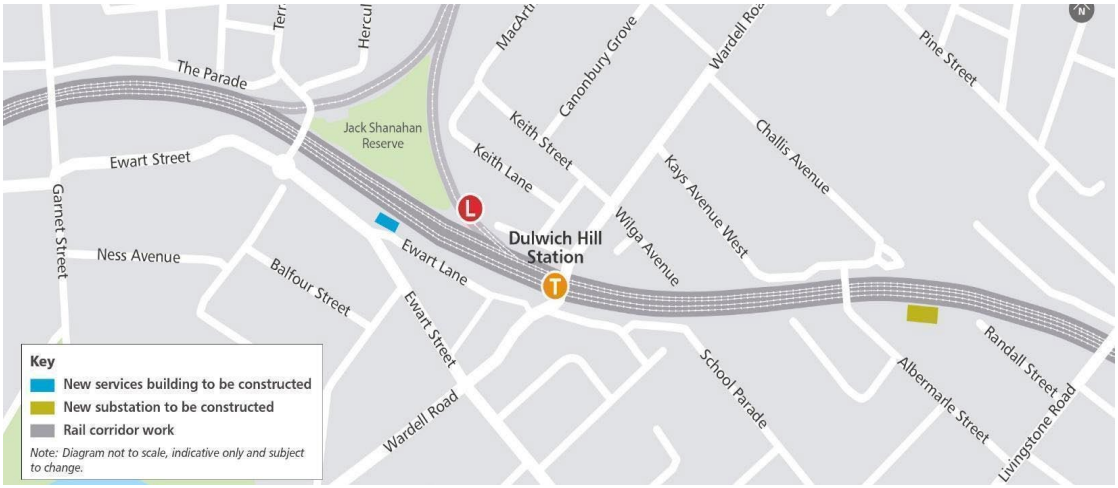
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• Minor defect rectification work around the station platform • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Installation of overhead wiring footings and structures • Work relating to installation of combined services routes (CSR) and ground level trough (GLT) • Various work relating to the segregation fence installation within the rail corridor • Testing and commissioning work • Operation of transformers at the Dulwich Hill substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms • Installation of trackside equipment, fibre cables and cabling works
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Delivery and installation of electrical units and cabling, including cable pulling and installation of fibre cables • Delivery of voltage limiting device (VLD) and negative cabling work • Operation of transformers at Dulwich Hill substation site for testing and commissioning, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

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Notification – Hurlstone Park

November 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Hurlstone Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Hurlstone Park (along the rail corridor):	• Installation of fencing, cables and cable service route (CSR) including cable pulling • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of cable and temporary removal of trackside equipment
Around Hurlstone Park Station	• Utilisation of access gates and laydown areas at Keir Avenue, The Parade, Ewart Street, Railway Street and Foord Avenue • Delivery of construction plant and material • Footpath closures for footpath works, with pedestrian and traffic detours in place under the direction of traffic control • High level containment work for electrical and communication services • Ceiling work at the concourse and on stairs • Testing and commissioning of the lifts in preparation for opening • Site shed layout adjustments as required to facilitate ongoing construction work, resulting in some traffic impacts • Landscaping work • Defect rectification work • Installation of brackets and contaminants on the station platform, and cables, cable trays, cabinets and trackside equipment
Services building site off Railway Street	• Site investigations, surveys and associated activities • Delivery of construction plant and materials • Installation of fencing, cables, and cable service route (CSR) and troughing • Work associated with installation of future boundary fence • Minor roofing, wall cladding work and landscaping • Services connections for chiller units • Services installation within building structures including cladding and doors to progress building work • Site shed layout adjustments as required to facilitate ongoing construction work, including the resulting traffic impacts • Ongoing termination work, cabling, and mechanical and electrical fit out works at the services building and padmounts • Mechanical testing works • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of cables, cable trays, cabinets and trackside equipment
Substation site, off Hutton Street	• Installation of cables and cable supports, and mechanical and electrical fitout inside substation building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements on Hutton Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Installation of overhead wiring footings and structures • Work related to the segregation fence installation within the rail corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage limiting device (VLD) negative cabling works • Delivery and installation of VMD units and cabling • Operation of transformers at the substation site for testing and commissioning, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of fencing at services building site • Installation of fibre cables, trackside equipment and cabling work in the rail corridor and station • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities. • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

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City & Southwest

Notification – Lakemba

November 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Lakemba Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.** You may also notice an increase in plant and materials being removed from our sites as contractors complete their scope along the alignment.

Location	Details of work during standard construction hours (daytime)
Lakemba (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Security fence post installation • Fit and strap covers to galvanised steel troughing (GST) • Cable installation, testing and jointing and temporary removal of trackside equipment
Around Lakemba station (Railway Parade and The Boulevarde):	• Delivery of plant and material including storage and removal as required • Temporary footpath and lane closures will be in place when required at Railway Parade and The Boulevarde near the station. Signage and traffic control will be in place for the safety of workers and the public • Temporary footpath closure on Haldon Street Bridge for anti-throw screen handrail, anti-graffiti installation and maintenance works • Temporary car park closure • Use of elevated work platforms for work at Railway Parade and The Boulevarde station entry • Use of crane lifts along Railway Parade • Carpark reinstatement and minor landscape work around Metro Services Building • Installation of brackets and contaminants and internal work on station platform • Electrical fit-out, cable installation, mechanical installation, containment and minor civil works in platform area, platform buildings, and on concourse • Installation of cables, cable trays, cabinets and trackside equipment
Services building site on Railway Parade near Bellevue Avenue:	• Delivery of plant and materials • Signage and traffic control will be in place as needed for worker and public safety • Construction work including concreting, electrical work, cable installation, cladding, mechanical services installation and security installation • Installation of temporary fencing and ongoing termination and cabling work • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Lakemba substation, off The Boulevarde, near Taylor Street:	• Installation of perimeter fence • Installation of cables, cable supports, conduits, transformers and mechanical and electrical fit out • Landscaping including planting and maintenance of new trees and shrubs • Site amenities relocation • Traffic control to facilitate truck movements on The Boulevarde, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023***	• High voltage cabling and other electrical installation work along rail corridor and at substation • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of brackets, containments and minor civil work on the station platform and concourse • Installing overhead wiring footings, structures, fibre cables, trackside equipment and cable work • Security fence installation and track related construction activities • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Delivery and installation of VMD units and cabling at station • Work on and testing of electrical and mechanical systems and installation of pit labels • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day • Installation of equipment, cables, trays and cabinets in station equipment rooms and buildings
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to troughing along rail corridor • Fit out of station equipment rooms and buildings • Installation and alterations to trackside equipment, cables and fibre cables • Delivery of Voltage Limiting Device (VLD) and VLD negative cabling works at station • Removal of temporary works anti-fall sheeting and strapping • Dressing high voltage structures • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

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City & Southwest

Notification – Marrickville

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Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Marrickville Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.** You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Marrickville (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Testing and jointing cables within the rail corridor • Fit and strap covers to galvanised steel troughing (GST) • Cable installation and temporary removal of trackside equipment
Around Marrickville Station	• Installation of high-level containment on station platform • Fibre cabling installation on the platforms • Internal works at the platform • Installation of cables, cable trays, cabinets and trackside equipment
Services building site in the rail corridor, off Victoria Road	• High voltage power energisation • Testing and commissioning of the Metro Services Building • Demobilisation from site and associated activities • Local cabling for padmount • Ongoing termination and cabling work • Local cabling, mechanical and electrical fit out works • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Substation site (off Randall Street behind Albermarle Street)	• Cable supports, cable tray structure as well as mechanical and electrical fitout inside Traction Substation Building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements from Livingstone Road into Randall Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• Throw screen anchor pull testing under Illawarra Road bridge • Rope and mandrel platform conduits • Site investigations, surveys and associated activities • Delivery of plant and materials • Installation of brackets and containments on the station platform • Installing overhead wiring footings and structures • Various work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities and pulling cables • Pull testing of throw screen anchors (ARTC Line) • Voltage limiting device (VLD) negative cabling installation at station • Deliver and install VMD units and cabling • Redundant cable removal from Station Rooms and installing of fibre cables • Platform low voltage and electrical works • Earthing cable works on Platform 0 and 1 and earthing pit installation on Platform 1 • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of trackside equipment, cables and comms pit lid replacement • Signage installation at Illawarra Road bridge • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to galvanised steel troughing along rail corridor • Fit out of station equipment rooms and buildings • Installation of trackside equipment, cables and fibre cables • High voltage cabling and other electrical installation work • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au. **Thank you for your cooperation while we complete this essential work.**

City & Southwest

Notification – Punchbowl to Bankstown

November 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Punchbowl and Bankstown stations (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Punchbowl to Bankstown (along the rail corridor)	• Testing and jointing cables • Fit and strap covers to galvanised steel troughing (GST) along rail corridor • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Platform and internal work at Punchbowl Station, Bankstown Station and on new metro platforms at Bankstown Station • Work related to security fence installation • Cable installation and temporary removal of trackside equipment
Punchbowl Station and surrounding areas & Concourse	• Drainage work required for station lifts • Installation of brackets on station platform • Testing and commissioning work and minor defect rectification works • Installation of cables, cable trays, cabinets and trackside equipment
Services building site off Urunga Parade, adjacent to the rail line	• Local cabling for padmounts • Ongoing termination work • Minor defect rectificaton • Testing and commissioning of services • Local cabling, mechanical and electrical fit out work for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Punchbowl substation, off South Terrace near Scott Street	• Installation of perimeter fence • Installation of cables, cable supports, conduits, transformers, and mechanical and electrical fit out • Landscaping including planting and maintenance of new trees and shrubs • Site amenities relocation • Traffic control to facilitate truck movements on South Terrace, if required

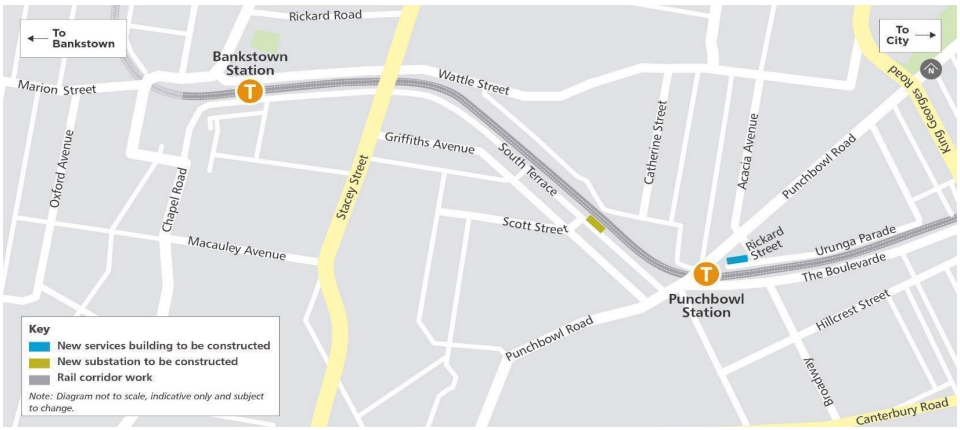
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / time	Details of out-of-hours work
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along rail corridor • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation site for testing and commissioning, 24 hours/day
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• High voltage (HV) cabling in the rail corridor and at substations • Voltage Limiting Device (VLD) negative cabling work • Site investigations, surveys and associated activities • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Bankstown station platform work • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Deliver and install VMD units and cabling at Punchbowl Station and Bankstown Station • Pulling cables on track in the rail corridor • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation site for testing and commissioning, 24 hours/day • Permanent water proofing work for lifts at Punchbowl Station • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms • Installation of trackside equipment and cable work

Equipment used for the above work will include excavators, jack hammers, hi-rail vehicles, vacuum trucks, slashers, motorised saws, concrete trucks, sucker trucks, delivery vehicles, borehole drillers, rollers, generators, whacker packers, dump trucks, wood chippers, mulchers, grass cutters, telehandlers, crane trucks, drilling rigs, lifting machinery, elevated work platforms, bobcats, concrete pumps, cable pulling equipment, compactors, lighting towers, forklifts, chainsaw, water carts, vibrating plates, crane 400T, franna crane, elevated work platform, pumps, excavator and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers. **Where temporary footpath changes, car parking removal or lane closures are required for works, traffic control, pedestrian detours and signage will be in place to assist the community.**



Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Alana/Grace** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Wiley Park

November 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then onto Bankstown in 2025.

In November, work will continue along the corridor and at Wiley Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm**. You may also notice an increase in plant and materials being removed from our sites as contractors change over along the alignment.

Location	Details of work during standard construction hours (daytime)
Wiley Park (along the rail corridor)	• Testing and commissioning activities • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Testing and jointing cables • Fit and strap covers to GST along rail corridor • Internal work at station platform • Minor incomplete work updates and defect rectification activities • Works related to security fence installation • Cable installation and temporary removal of trackside equipment
Wiley Park Station	• Defect rectification work • Testing and commissioning at services building site on Urunga Parade and the station • Fencing and gas detection system work at the services building site • Ongoing termination work at services building • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment • Installation of brackets and containments on the station platform

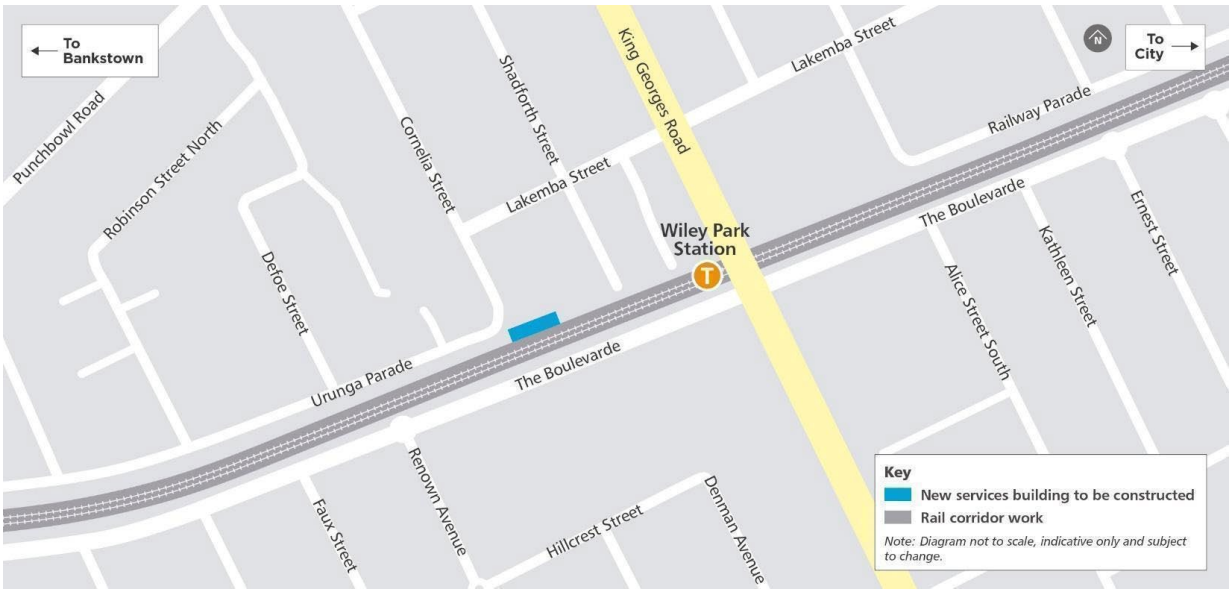
Out-of-hours works

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours, when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table over the page.

Date / Time	Details of out-of-hours work
Upcoming rail possession: ***Saturday 11 November to Sunday 12 November 2023*** ***(24/7 work)***	• Testing and commissioning activities • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • Installation of overhead wiring footings and structures • Track related construction activities • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • High voltage cabling in the rail corridor and substations and pulling cables on track • Voltage limiting device (VLD) negative cabling works • Delivery and installation of VMD units • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along the rail corridor • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

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Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

EPL 21147
R4.4 Validation Report

Xmas Shut 2023
(27/12/23 - 25/01/24)

Rail Crossing Installation, Ballast Skim, Tamping & Rail Adjustment, Segregation and Security Fence Panels, ULX, Platform Brackets, OHWiring Activities, Trenching for HV, Bridge Works, Bankstown Platform Activities and Cable Installation.

Document and Revision History

Document Details	
Title	R4.4 Validation Report
Client	Sydney Metro City & Southwest
JHLOR JV contract no.	K44

Revisions

Revision	Date	Description	Prepared by	Reviewed by
00	15/02/2024	Prepared for R4.4 Report	Zhengyi Zhang	Andre Kruize

Management reviews

Review date	Details	Reviewed by
14/02/2024	Review R4.4 Report	Chris McCallum

Controlled: NO Copy no.: Uncontrolled: YES

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R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail: 3

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 3
2. A copy of the community notification required under Condition L5.12 4
3. Noise monitoring as required by L5.8(d) 4
4. Details of any exceedances of predicted noise levels; 4
5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 4
6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1. 5

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight. 5

Attachment 1 – Noise Monitoring Results 6

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Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 and provides evidence of compliance to the various CoA noted below. The JHLOR activities included daytime and out-of-hour works (nighttime periods, Public Holidays and Sunday) carried out over a five-week period, between 27 December 2023 and 25 January 2024. Works were carried under condition L5.6 - Local Possessions at the following locations:

- Installation of new rail crossing at Bankstown
- Ballast skim, tamping & track adjustment at various locations through corridor.
- Segregation fence – drilling for bolts & panel installation
  - From Marrickville to Dulwich Hill Station
  - From Ewart street through Hurston Park Station to Canterbury Station
  - From Canterbury Station to Belmore Station
- Security fencing – augering of holes, post & panel installation at various locations through corridor
- Minor CSR activities. Installation of shallow GLT in ballast/CESS at various locations. Installation of local routes for new corridor gates
- Under Line Crossing (ULX)
- Stations - Platform brackets and edge section infills (MGF).
- Associated activities related to Overhead Wiring – piling, portal and cable installation
- Trenching for HV at Bankstown station
- Bridge works
  - Victoria Rd – piling for new crash beam.
  - Livingstone Rd – girder inspections
  - Church Street - screen installation
  - Duke Street - screen installation
  - Stacey Street - screen installation
- Bankstown station activities – ballast & embankment retainment, GST installation. piling and foundation activities for new platform
- Cable pulling through GST at various locations through corridor.

Refer to **Attachment 1** for monitoring results.

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail:

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The assessment prepared for the works included modelling for the following plant and equipment:

- Tamper, regulator and thermo welding.
- PEM LEM Track Skim Recon)
- Excavators 3T, 6 and13T (including jack hammer attachments)
- Balloon tyre dump trucks (Hydrema)
- Light vehicles
- Trucks
- Payloader
- Handheld powered and non-powered tools
- Vac Trucks

- EWP/telehandler
- Front-end loader
- Concrete truck and line pump
- Portable Generators
- Compressors
- Compactor
- Bogie
- Water pumps
- 4T Dumpy
- 60T crane
- Site lights

2. A copy of the community notification required under Condition L5.12

A copy of the community notification can be seen in **Attachment 2**.

3. Noise monitoring as required by L5.8(d)

Eight (8) real time noise monitoring instruments were progressively used at 13 locations/15 events (inside the corridor) across the project. Monitors were placed at the following locations:

a. (HEX331) 20m N of 21 Riverdale Ave, Marrickville 27 - 29/12/23
b. (HEX331) 3m N of 10 Charles St, Canterbury 29/12 - 07/01/24
c. (HEX331) 15m S CNR of Alice and Railway Parade. Wiley Park 07 - 25/01/24
d. (HEX438) 21m N of 17 Warburton St, Marrickville. 27/12 - 25/01/24
e. (HEX450) 14m N of Kays Ave East, Dulwich Hill 27/12 – 01/1/24
f. (HEX450) 13m NW of 25-29 Loftus St, Campsie 01 – 25/1/24
g. (HEX184) 10m N of 73 Ewart St, Dulwich Hill 27/12 - 25/01/24
h. (HEX412) 32m N of 99 Ewart St, Dulwich Hill 29/12 - 07101/24
i. (HEX412) 26m S of 17 Railway Pde, Lakemba 01 – 03/1/24
j. (HEX412) 21m N of 7 Floss St, Hurlstone Park 03 – 05/1/24
k. (HEX412) 26m S of 17 Railway Pde, Lakemba 05 – 25/1/24
l. (HEX330) 18m S of 74-76 Floss St, Hurlstone Park 27/12 - 25/01/24
m. (HEX183) 30m N of 232 South Terrace, Bankstown 27/12 - 25/01/24
n. (HEX425) 8m S of 11 Stansfield Ave, Bankstown 27/12 - 17/01/24
o. (HEX425) 14m N of Kays Ave East, Dulwich Hill 19/12 – 25/1/24

Refer to **Attachment 1** for monitoring results.

4. Details of any exceedances of predicted noise levels;

Actual noise (LAeq 15min) data was collected at the 13 locations/15 events over the five-week period and assessed. Where there were exceedances the recording taken by SiteHive was reviewed and the source of noise assessed. Freight trains operating in the vicinity of the SiteHive loggers impacted the data at some locations. This is denoted in the noise monitoring results in **Appendix 1**.

There was no exceedance of the noise predictions.

5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The following noise mitigation measures were implemented:

- All workers made aware of the expectations in relation to community and work sites through briefings at the OOHW prestart meeting.
- Works to only occur within the hours stipulated in the OOHW Permit.
- All plant, where possible to be positioned so that the exhaust (or noisiest side of the plant) is directed away from sensitive receivers.
- Plant is to be turned off when not in use.
- Workers are not to shout, slam doors, drop objects or make any other unnecessary noise. Gatherings are to be away from residential properties.
- Workers are to be mindful of residents when mobilizing and demobilizing.
- Noise mats are placed around standing equipment when positioned in close proximity to residents.

Additional mitigation measures in accordance with the Sydney Metro Construction Noise and Vibration Strategy were implemented which included:

- Letter box drops.
- Use of 8 Real time noise monitoring instruments at 13 selected locations.
- A noise model was developed and where required (Sunday and nighttime periods), respite offers (RO) were provided for residents with predicted noise exceedance of over 20dB and alternative accommodation (AA) offered for residents with predicted noise exceedance of over 30dB above the background.

6. **The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1.**

The works carried out during the scheduled Christmas Shut were completed under L5.6 (Local Possessions), as carrying out these works and activities during standard construction hours (specified in L5.1) would cause unacceptable safety risks to construction personnel, rail passenger, railways personnel safety and the railway network operational reliability.

Construction activities occurring within the rail corridor/danger zone can only be safely conducted during a rail possession and the absence of trains. All feasible and reasonable at-source noise controls were implements in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight.

This R4.4 Validation report has been submitted after completion of the shutdown. A non-conformance will be reported in the Annual Return.

Attachment 1 – Noise Monitoring Results

- Monitoring Result
- Monitoring Location

Table 1. Continues monitoring result for Monitoring Location A

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 01 (HEX331) • Continuous Monitoring • 20m N of 21 Riverdale Ave, Marrickville • 27/12/2023 7:00 AM to 29/112/2023 14:45 PM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	67	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68	Survey activity only, no plant, no construction activity		
3		28/12/2023	Day to Evening 7:00 to 22:00			80	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			80 (Calculated highest LAeq in work period at the nearest resident is 77)	72	**Yes**	• RBL: 33 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 77 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (77 dB) is higher than the predicted level (72 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
5		29/12/2023	Day to Evening 7:00 to 14::45			68	Normal construction hours 7:00 – 14:45		

Table 2. Continues monitoring result for Monitoring Location B

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 04 (HEX331) • Continuous Monitoring • 3m N of 10 Charles St, Canterbury • 29/12/2023 16:00 PM to 07/01/2024 10:00 AM	29/12/2023	Day to Evening 14:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	55	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		29/12/2023 To 30/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			61	No construction activity		
3		30/12/2023	Day to Evening 7:00 to 22:00			61	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		30/12/2023 To 31/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			64	69	**Yes**	• RBL: 35 • LAeq15min lower than the predictions. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
5		31/12/2023	Day to Evening 7:00 to 22:00			78	70	**Yes**	• RBL: 40 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 78 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (78 dB) is higher than the predicted level (70 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
6		31/12/2023 To 01/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			76	70	**Yes**	• RBL: 35 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 76 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (76 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
7		01/01/2024	Day to Evening 7:00 to 22:00			78	61	**Yes**	• RBL: 40 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 78 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (78 dB) is higher than the predicted level (61 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
8		01/01/2024 To 02/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			73	70	**Yes**	• RBL: 35 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 73 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (73 dB) is higher than the predicted level (70 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
9		02/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
10		02/01/2024 To 03/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			65	63	**Yes**	• RBL: 35 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures.. • Noise monitor detect highest LAeq15min value of 73 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (73 dB) is higher than the predicted level (70 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
11		03/01/2024	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
12		03/01/2024 To 04/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			67 (Noise level without ARTC freight train is 60)	58	**Yes**	• RBL: 35 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (60 dB) is higher than the predicted level (58 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.** • **Actual Noise level (Nightshift works) in without ARTC freight train is 60 dB, consistent with the predicted offers for Respite.** • ARTC freight train is identified in the following period and added to the Highest LAeq in work period at Monitoring Location: - 03:45 identified at 67 dB - 04:00 identified at 61 dB - 04:45 identified at 64 dB

13		04/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 7:00 – 18:00, no construction after 18:00			
14		04/01/2024 To 05/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			66	No construction activity			
15		05/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 8:00 – 18:00, no construction after 18:00			
16		05/01/2024 To 06/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			60	No construction activity			
17		06/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, no construction after 18:00			
18		06/01/2024 To 07/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			57	No construction activity			
19		07/01/2024	Day to Evening 7:00 to 10:00			60	64	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (60 dB) is higher than the predicted level (64 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**	

Table 3. Continues monitoring result for Monitoring Location C

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 09 (HEX331) • Continuous Monitoring • 15m S CNR of Alice and Railway Parade. Wiley Park • 07/01/2024 11:30 AM to 25/01/2024 22:00 PM	07/01/2024	Day to Evening 11:45 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	67	69	**Yes**	• RBL: 44 • LAeq15min lower the predictions. • Noise monitor detect highest LAeq15min value of 67 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (67 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
2		07/01/2024 To 08/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			54	70	**Yes**	• RBL: 36 • LAeq15min lower the predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
3		08/01/2024	Day to Evening 7:00 to 22:00			60	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		08/01/2024 To 09/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68	70	**Yes**	• RBL: 36 • LAeq15min lower the predictions. • Noise monitor detect highest LAeq15min value of 68 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (68 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
5		09/01/2024	Day to Evening 7:00 to 22:00			66	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		09/01/2024 To 10/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			69	70	**Yes**	• RBL: 36 • LAeq15min lower the predictions. • Noise monitor detect highest LAeq15min value of 69 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (69 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
7		10/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		10/01/2024 To 11/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			53	67	**Yes**	• RBL: 36 • LAeq15min lower the predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
9		11/01/2024	Day to Evening 7:00 to 22:00			66	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
10		11/01/2024 To 12/01/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	67	**Yes**	• RBL: 36 • LAeq15min lower the predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
11		12/01/2024	Day to Evening 7:00 to 22:00			55	Normal construction hours 7:00 – 18:00, no construction after 18:00		
12		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			56	No construction activity		
13		13/01/2024	Day to Evening 7:00 to 22:00			60	Normal construction hours 7:00 – 18:00, no construction after 18:00		
14		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			55	No construction activity		
15		14/01/2024	Day to Evening 7:00 to 22:00			62	44[1]	**Yes**	• RBL: 44 • The noise monitor recorded a highest LAeq15min value of 62 dB. • As the construction activities where significantly far away from the monitor to have no impact, the noise model predicted noise levels lower than the RBL.The exceedance was considered not to be influenced by construction activities. • **Predicted noise levels (weekend works) near this area do not trigger offers for Respite.** • **Actual noise levels (weekend works) in this area do not trigger offers for Respite.**
16		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			56	No construction activity		
17		15/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 7:00 – 18:00, no construction after 18:00		

18		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			55	No construction activity	
19		16/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 7:00 – 18:00, no construction after 18:00	
20		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			53	No construction activity	
21		17/01/2024	Day to Evening 7:00 to 22:00			59	Normal construction hours 7:00 – 18:00, no construction after 18:00	
22		17/01/2024 To 18/01/2024	Night 22:00 to 7:00			63	No construction activity	
23		18/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, no construction after 18:00	
24		18/01/2024 To 19/01/2024	Night 22:00 to 7:00			55	No construction activity	
25		19/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 7:00 – 18:00, no construction after 18:00	
26		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			56	No construction activity	
27		20/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 7:00 – 18:00, no construction after 18:00	
28		20/01/2024 To 21/01/2024	Night 22:00 to 7:00			54	No construction activity	
29		21/01/2024	Day to Evening 7:00 to 22:00			61	44[1]	**Yes**	• RBL: 44 • The noise monitor recorded a highest LAeq15min value of 61 dB. • As the construction activities where significantly far away from the monitor to have no impact, the noise model predicted noise levels lower than the RBL.The exceedance was considered not to be influenced by construction activities. • **Predicted noise levels (weekend works) near this area do not trigger offers for Respite.** • **Actual noise levels (weekend works) in this area did not trigger offers for Respite.**
30		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			57	No construction activity	
31		22/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 7:00 – 18:00, no construction after 18:00	
32		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			58	No construction activity	
33		23/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 7:00 – 18:00, no construction after 18:00	
34		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			60	No construction activity	
35		24/01/2024	Day to Evening 7:00 to 22:00			57	Normal construction hours 7:00 – 18:00, no construction after 18:00	
35		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			53	No construction activity	
37		25/01/2024	Day to Evening 7:00 to 22:00			83	Normal construction hours 7:00 – 18:00, no construction after 18:00	

[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away.

Table 4. Continues monitoring result for Monitoring Location D

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 01 (HEX438) • Continuous Monitoring • 21m N of 17 Warburton St, Marrickville. • 27/12/2023 7:00 AM to 25/01/2023 22:00 PM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	64	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00			48	Survey activity only, no plant, no construction activity		
3		28/12/2023	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			75	72	**Yes**	• RBL: 33 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 75 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (75 dB) is higher than the predicted level (72 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
5		29/12/2023	Day to Evening 7:00 to 22:00			72	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		29/12/2023 To 30/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			63	71	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (71 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		30/12/2023	Day to Evening 7:00 to 22:00			58	Normal construction hours 7:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		30/12/2023 To 31/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			55	65	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		31/12/2023	Day to Evening 7:00 to 22:00			62	64	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (62 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (daytshift works) in this area did not trigger offers for Respite.**
10		31/12/2023 To 01/01/2024	Night 22:00 to 7:00			55	No construction activity		
11		01/01/2024	Day to Evening 7:00 to 22:00			55	64	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (dayshift works) in this area did not trigger offers for Respite.**
12		01/01/2024 To 02/01/2024	Night 22:00 to 7:00			71	No construction activity		
13		02/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, no construction after 18:00		
14		02/01/2024 To 03/01/2024	Night 22:00 to 7:00			50	No construction activity		
15		03/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00		
16		03/01/2024 To 04/01/2024	Night 22:00 to 7:00			62	No construction activity		
17		04/01/2024	Day to Evening 7:00 to 22:00			56	Normal construction hours 8:00 – 18:00, no construction after 18:00		
18		04/01/2024 To 05/01/2024	Night 22:00 to 7:00			60	No construction activity		
19		05/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, no construction after 18:00		

20		05/01/2024 To 06/01/2024	Night 22:00 to 7:00			56	No construction activity		
21		06/01/2024	Day to Evening 7:00 to 22:00			56	Normal construction hours 8:00 – 18:00, no construction after 18:00		
22		06/01/2024 To 07/01/2024	Night 22:00 to 7:00			48	No construction activity		
23		07/01/2024	Day to Evening 7:00 to 22:00			55	63	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (63 dB) • **Predicted noise levels (dayshift works) in this area did not trigger offers for Respite.**
24		07/01/2024 To 08/01/2024	Night 22:00 to 7:00			51	No construction activity		
25		08/01/2024	Day to Evening 7:00 to 22:00			67	Normal construction hours 8:00 – 18:00, no construction after 18:00		
26		08/01/2024 To 09/01/2024	Night 22:00 to 7:00			60	No construction activity		
27		09/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, no construction after 18:00		
28		09/01/2024 To 10/01/2024	Night 22:00 to 7:00			63	No construction activity		
29		10/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, no construction after 18:00		
30		10/01/2024 To 11/01/2024	Night 22:00 to 7:00			67	No construction activity		
31		11/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, no construction after 18:00		
32		11/01/2024 To 12/01/2024	Night 22:00 to 7:00			66	No construction activity		
33		12/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, no construction after 18:00		
34		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			60	No construction activity		
35		13/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
36		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			62	No construction activity		
37		14/01/2024	Day to Evening 7:00 to 22:00			63	46	**Yes**	• RBL: 38 • LAeq15min above predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (46 dB) • **Predicted noise levels (dayshift works) in this area did not trigger offers for Respite.** • **Actual noise levels (dayshift works) in this area did not trigger offers for Respite.**
38		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			66	No construction activity		
39		15/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, no construction after 18:00		
40		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			63	No construction activity		
41		16/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
42		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			63	No construction activity		
43		17/01/2024	Day to Evening 7:00 to 22:00			77	Normal construction hours 8:00 – 18:00, no construction after 18:00		
44		17/01/2024 To 18/01/2024	Night 22:00 to 7:00			65	No construction activity		
45		18/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, no construction after 18:00		

46		18/01/2024 To 19/01/2024	Night 22:00 to 7:00			62	No construction activity		
47		19/01/2024	Day to Evening 7:00 to 22:00			66	Normal construction hours 8:00 – 18:00, no construction after 18:00		
48		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			60	No construction activity		
49		20/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
50		20/01/2024 To 21/01/2024	Night 22:00 to 7:00			61	66	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (61 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
51		21/01/2024	Day to Evening 7:00 to 22:00			63	64	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (dayshift works) in this area did not trigger offers for Respite.**
52		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00		
53		22/01/2024	Day to Evening 7:00 to 22:00			67	No construction activity		
54		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			67	Normal construction hours 8:00 – 18:00, no construction after 18:00		
55		23/01/2024	Day to Evening 7:00 to 22:00			65	No construction activity		
56		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			65	Normal construction hours 8:00 – 18:00, no construction after 18:00		
57		24/01/2024	Day to Evening 7:00 to 22:00			68	No construction activity		
58		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			65	Normal construction hours 8:00 – 18:00, no construction after 18:00		
59		25/01/2024	Day to Evening 7:00 to 22:00			67	No construction activity		

Table 5. Continues monitoring result for Monitoring Location E & N

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 02 (HEX450) • Continuous Monitoring • 14m N of Kays Ave East, Dulwich Hill • 27/12/2023 7:00 AM to 01/01/2024 11:00 AM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	56	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00			46	No construction activity		
3		28/12/2023	Day to Evening 7:00 to 22:00			53	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68	71	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 68 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (68 dB) is lower than the predicted level (71 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
5		29/12/2023	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		29/12/2023 To 30/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			70	72	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 70 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (70 dB) is lower than the predicted level (72 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		30/12/2023	Day to Evening 7:00 to 22:00			53	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		30/12/2023 To 31/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			47	64	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 47 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		31/12/2023	Day to Evening 7:00 to 22:00			51	61	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (61 dB) • **Predicted noise levels (daytshift works) in this area did not trigger offers for Respite.**
10		31/12/2023 To 01/01/2024	Night 22:00 to 7:00			53	38	**Yes**	• RBL: 33 • LAeq15min above the predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is higher than the predicted level (38 dB) • **Predicted noise levels (nightshift works) in this area did not triggered offers for Respite.** • **Actual noise levels (nightshift works) in this area did not triggered offers for Respite.**
11		01/01/2024	Day to Evening 7:00 to 11:00			48	58	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 48 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (48 dB) is lower than the predicted level (58 dB) • **Predicted noise levels (daytshift works) in this area did not trigger offers for Respite.**
12	NCA 02 (HEX425) • Continuous Monitoring • 14m N of Kays Ave East, Dulwich Hill • 19/01/2024 15:30 PM to 25/01/2024 22:00 PM	19/01/2024	Day to Evening 15:30 to 22:00			71	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
13		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			67 (Noise level without ARTC freight train is 45)	62	**Yes**	• RBL: 33 • LAeq15min (without ARTC freight train) below the predictions, consistent with the offers of additional mitigation measures. • Noise monitor detect highest LAeq15min value of 45 dB due to general construction noise between the hours 22:00 to 07:00. • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.** • **Actual Noise level (Nightshift works) in without ARTC freight train is 45 dB, consistent with the predicted offers for Respite.** • ARTC freight train is identified in the following period and added to the Highest LAeq in work period at Monitoring Location: - 22:15 identified at 61 dB - 22:30 identified at 67 dB
14		20/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
15		20/01/2024 To	Night 22:00 to 7:00			66	66	**Yes**	• RBL: 33 • LAeq15min matches predictions.

		21/01/2024							• Noise monitor detect highest LAeq15min value of 66 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (66 dB) is even with the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
16		21/01/2024	Day to Evening 7:00 to 22:00			71	61	**Yes**	• RBL: 38 • LAeq15min above the predictions, however the exceedance did not change requirements for additional mitigation measures. Consistent with the predicted offers for Respite. • Noise monitor detect highest LAeq15min value of 71 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (71 dB) is higher than the predicted level (61 dB) • **Predicted noise levels (Nightshift works) in this area triggered offers for Respite.**
17		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			72	63	**Yes**	• RBL: 33 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 72 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (72 dB) is even with the predicted level (63 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
18		22/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, no construction after 18:00		
19		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			69	No construction activity		
20		23/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
21		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			73	No construction activity		
22		24/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00		
23		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			71	No construction activity		
24		25/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00		

Table 6. Continues monitoring result for Monitoring Location F

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 07 (HEX450) • Continuous Monitoring • 13m NW of 25-29 Loftus St, Campsie • 01/01/2024 12:00 PM to 25/01/2024 22:00 AM	01/01/2024	Day to Evening 12:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	49	65	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 49 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (49 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (daytshift works) in this area did not trigger offers for Respite.**
2		01/01/2024 To 02/01/2024	Night 22:00 to 7:00			41	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 41 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (41 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
3		02/01/2024	Day to Evening 7:00 to 22:00			54	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		02/01/2024 To 03/01/2024	Night 22:00 to 7:00			53	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
5		03/01/2024	Day to Evening 7:00 to 22:00			56	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		03/01/2024 To 04/01/2024	Night 22:00 to 7:00			48	70	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 48 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (48 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		04/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		04/01/2024 To 05/01/2024	Night 22:00 to 7:00			71	70	**Yes**	• RBL: 35 • LAeq15min above the predictions, however consistent with the predicted additional mitigation measures. • Noise monitor detect highest LAeq15min value of 71 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (71 dB) is above the predicted level (70 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
9		05/01/2024	Day to Evening 7:00 to 22:00			54	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
10		05/01/2024 To 06/01/2024	Night 22:00 to 7:00			55	70	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (70 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
11		06/01/2024	Day to Evening 7:00 to 22:00			53	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
12		06/01/2024 To 07/01/2024	Night 22:00 to 7:00			51	67	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
13		07/01/2024	Day to Evening 7:00 to 22:00			53	65	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (daytshift works) in this area did not trigger offers for Respite.**
14		07/01/2024 To 08/01/2024	Night 22:00 to 7:00			42	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 42 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (42 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**

15		08/01/2024	Day to Evening 7:00 to 22:00			56	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
16		08/01/2024 To 09/01/2024	Night 22:00 to 7:00			52	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
17		09/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
18		09/01/2024 To 10/01/2024	Night 22:00 to 7:00			67	66	**Yes**	• RBL: 35 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 67 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (67 dB) is above the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
19		10/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
20		10/01/2024 To 11/01/2024	Night 22:00 to 7:00			56	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
21		11/01/2024	Day to Evening 7:00 to 22:00			55	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
22		11/01/2024 To 12/01/2024	Night 22:00 to 7:00			57	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
23		12/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00		
24		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			53	No construction activity		
25		13/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, no construction after 18:00		
26		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			48	No construction activity		
27		14/01/2024	Day to Evening 7:00 to 22:00			57	68	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (dayshift works) in this area did not trigger offers for Respite.**
28		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			50	No construction activity		
29		15/01/2024	Day to Evening 7:00 to 22:00			59	Normal construction hours 8:00 – 18:00, no construction after 18:00		
30		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			48	No construction activity		
31		16/01/2024	Day to Evening 7:00 to 22:00			67	Normal construction hours 8:00 – 18:00, no construction after 18:00		
32		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			48	No construction activity		
33		17/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00		
34		17/01/2024 To 18/01/2024	Night 22:00 to 7:00			52	No construction activity		
35		18/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, no construction after 18:00		
36		18/01/2024 To 19/01/2024	Night 22:00 to 7:00			48	No construction activity		
37		19/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00		

38		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			46	No construction activity		
39		20/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
40		20/01/2024 To 21/01/2024	Night 22:00 to 7:00			53	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
41		21/01/2024	Day to Evening 7:00 to 22:00			59	65	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (daytshift works) in this area did not trigger offers for Respite.**
42		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			54	66	**Yes**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (47 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
43		22/01/2024	Day to Evening 7:00 to 22:00			53	Normal construction hours 8:00 – 18:00, no construction after 18:00		
44		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			49	No construction activity		
45		23/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, no construction after 18:00		
46		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			60	No construction activity		
47		24/01/2024	Day to Evening 7:00 to 22:00			60	Normal construction hours 8:00 – 18:00, no construction after 18:00		
48		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			56	No construction activity		
49		25/01/2024	Day to Evening 7:00 to 22:00			51	Normal construction hours 8:00 – 18:00, no construction after 18:00		

Table 7. Continues monitoring result for Monitoring Location G

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 02 (HEX184) • Continuous Monitoring • 10m N of 73 Ewart St, Dulwich Hill. • 27/12/2023 7:00 AM to 25/01/2023 22:00 PM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	69	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00			71	No construction activity		
3		28/12/2023	Day to Evening 7:00 to 22:00			74	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			71	52	**Yes[1]**	• RBL: 33 • The noise monitor recorded a highest LAeq15min value of 71 dB. This nighttime noise level of 71 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 • Live ARTC freight train 25m from monitoring location.
5		29/12/2023	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		29/12/2023 To 30/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			77	71	**Yes**	• RBL: 33 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures.. • Noise monitor detect highest LAeq15min value of 77 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (77 dB) is above the predicted level (71 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		30/12/2023	Day to Evening 7:00 to 22:00			75	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		30/12/2023 To 31/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			74	72	**Yes**	• RBL: 33 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 74 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (74 dB) is above the predicted level (72 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for alternative accommodation**
9		31/12/2023	Day to Evening 7:00 to 22:00			82	70	**Yes**	• RBL: 38 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 82 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (82 dB) is above the predicted level (70 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for alternative accommodation.**
10		31/12/2023 To 01/01/2024	Night 22:00 to 7:00			64	68	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 68 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for alternative accommodation.**
11		01/01/2024	Day to Evening 7:00 to 22:00			69	68	**Yes**	• RBL: 38 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 69 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (69 dB) is above the predicted level (68 dB) • **Predicted noise levels (dayshift works) in this area triggered offers for alternative accommodation.**
12		01/01/2024 To 02/01/2024	Night 22:00 to 7:00			67	No construction activity		
13		02/01/2024	Day to Evening 7:00 to 22:00			74	Normal construction hours 8:00 – 18:00, no construction after 18:00		

14		02/01/2024 To 03/01/2024	Night 22:00 to 7:00			66	No construction activity		
15		03/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
16		03/01/2024 To 04/01/2024	Night 22:00 to 7:00			73	No construction activity		
17		04/01/2024	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, no construction after 18:00		
18		04/01/2024 To 05/01/2024	Night 22:00 to 7:00			70	No construction activity		
19		05/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, no construction after 18:00		
20		05/01/2024 To 06/01/2024	Night 22:00 to 7:00			72	No construction activity		
21		06/01/2024	Day to Evening 7:00 to 22:00			75	Normal construction hours 8:00 – 18:00, no construction after 18:00		
22		06/01/2024 To 07/01/2024	Night 22:00 to 7:00			68	No construction activity		
23		07/01/2024	Day to Evening 7:00 to 22:00			70	68	**Yes**	• RBL: 38 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 70 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (70 dB) is above the predicted level (68 dB) • **Predicted noise levels (dayshift works) in this area triggered offers for alternative accommodation.**
24		07/01/2024 To 08/01/2024	Night 22:00 to 7:00			71	No construction activity		
25		08/01/2024	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, no construction after 18:00		
26		08/01/2024 To 09/01/2024	Night 22:00 to 7:00			68	No construction activity		
27		09/01/2024	Day to Evening 7:00 to 22:00			76	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
28		09/01/2024 To 10/01/2024	Night 22:00 to 7:00			71	37	**Yes[1]**	• RBL: 33 • The noise monitor recorded a highest LAeq15min value of 71 dB. This nighttime noise level of 71 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 • **Live ARTC freight train 25m from monitoring location.**
29		10/01/2024	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
30		10/01/2024 To 11/01/2024	Night 22:00 to 7:00			70	37	**Yes[1]**	• RBL: 33 • The noise monitor recorded a highest LAeq15min value of 70 dB. This nighttime noise level of 70 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 • **Live ARTC freight train 25m from monitoring location**.
31		11/01/2024	Day to Evening 7:00 to 22:00			74	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
32		11/01/2024 To 12/01/2024	Night 22:00 to 7:00			68	37	**Yes[1]**	• RBL: 33 • The noise monitor recorded a highest LAeq15min value of 68 dB. This nighttime noise level of 68 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 • **Live ARTC freight train 25m from monitoring location.**
33		12/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, no construction after 18:00		
34		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			69	No construction activity		

35		13/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00		
36		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			68	No construction activity		
37		14/01/2024	Day to Evening 7:00 to 22:00			73	43	**Yes[1]**	• RBL: 38 • The noise monitor recorded a highest LAeq15min value of 73 dB. This nighttime noise level of 73 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 07:00 to 22:00 • Live ARTC freight train 25m from monitoring location.
38		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			70	No construction activity		
39		15/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00		
40		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			69	No construction activity		
41		16/01/2024	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, no construction after 18:00		
42		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			69	No construction activity		
43		17/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
44		17/01/2024 To 18/01/2024	Night 22:00 to 7:00			71	No construction activity		
45		18/01/2024	Day to Evening 7:00 to 22:00			74	Normal construction hours 8:00 – 18:00, no construction after 18:00		
46		18/01/2024 To 19/01/2024	Night 22:00 to 7:00			70	No construction activity		
47		19/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
48		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			68	37[1]	**Yes**	• RBL: 33 • The noise monitor recorded a highest LAeq15min value of 68 dB. This nighttime noise level of 68 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 • **Live ARTC freight train 25m from monitoring location.**
49		20/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
50		20/01/2024 To 21/01/2024	Night 22:00 to 7:00			60	72	**Yes**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (60 dB) is lower than the predicted level (72 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for alternative accommodation.**
51		21/01/2024	Day to Evening 7:00 to 22:00			69	68	**Yes**	• RBL: 38 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 69 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (69 dB) is above the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for alternative accommodation.**
52		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			76	72	**Yes**	• RBL: 33 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 76 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (76 dB) is above the predicted level (72 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for alternative accommodation.**

53		22/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00
54		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			73	No construction activity
55		23/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00
56		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			72	No construction activity
57		24/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00
58		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			72	No construction activity
59		25/01/2024	Day to Evening 7:00 to 22:00			74	Normal construction hours 8:00 – 18:00, no construction after 18:00

1 - There are three no construction activities nighttime period:

- Period 1: 2, 3, 4, 5 & 6 / 01 / 2024,
- Period 2: 14, 15, 16, 17 & 18 / 01 / 2024
- Period 3: 22, 23, 24 / 01 / 2024

These three periods represent the actual nighttime background noise level at the monitoring location. The average background highest LAeq at Monitoring Location is 70 dB.

Table 8. Continues monitoring result for Monitoring Location H

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 02 (HEX412) • Continuous Monitoring • 32m N of 99 Ewart St, Dulwich Hill • 27/12/2023 7:00 AM to 01/01/2023 11:15 AM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00			71	No construction activity		
3		28/12/2023	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			75 (**Noise level without ARTC freight train is 48**)	45	**Yes**	• RBL: 33 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 48 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (60 dB) is higher than the predicted level (45 dB) • **Predicted noise levels (Nightshift works) in this area did not triggered offers for Respite.** • **Actual Noise level (Nightshift works) in without ARTC freight train is 48 dB, consistent with the prediction, did not trigger offers for respite.**
5		29/12/2023	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		29/12/2023 To 30/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			77	64	**Yes**	• RBL: 33 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 77 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (77 dB) is above the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
7		30/12/2023	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		30/12/2023 To 31/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			77	64	**Yes**	• RBL: 33 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 77 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (77 dB) is above the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for alternative accommodation.**
9		31/12/2023	Day to Evening 7:00 to 22:00			79	52	**Yes**	• RBL: 38 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 79 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (79 dB) is above the predicted level (52 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for Respite.**
10		31/12/2023 To 01/01/2024	Night 22:00 to 7:00			66 (Calculated highest LAeq in work period at the nearest resident is 61)	61	**Yes**	• RBL: 33 • LAeq15min match the predictions. • Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (61 dB) is match the predicted level (61 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
11		01/01/2024	Day to Evening 7:00 to 11:10			69 (Calculated highest LAeq in work period at the nearest resident is 64)	52	**Yes**	• RBL: 38 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is above the predicted level (52 dB) • **Predicted noise levels (Nightshift works) in this area did not triggered offers for respite.** • **Actual Noise level is 64 dB, did not trigger offers for respite.**

Table 9. Continues monitoring result for Monitoring Location I & K

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 08 (HEX412) • Continuous Monitoring • 26m S of 17 Railway Pde, Lakemba • 01/01/2024 12:15 PM to 03/01/2024 13:30 PM	01/01/2024	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	53	62	**Yes**	• RBL: 47 • LAeq15min is lower the predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower the predicted level (62 dB) • **Predicted noise levels (nightshift works) in this area did not trigger offers for respite.**
2		01/01/2024 To 02/01/2024	Night 22:00 to 7:00			50	No construction activity		
3		02/01/2024	Day to Evening 7:00 to 22:00			**60**	Normal construction hours 8:00 – 18:00, no construction after 18:00		
4		02/01/2024 To 03/01/2024	Night 22:00 to 7:00			**55**	No construction activity		
5		03/01/2024	Day to Evening 7:00 to 22:00			**64**	Normal construction hours 8:00 – 18:00, no construction after 18:00		
6	NCA 08 (HEX412) • Continuous Monitoring • 26m S of 17 Railway Pde, Lakemba • 05/01/2024 14:00 PM to 25/01/2024 10:00 PM	05/01/2024	Day to Evening 14:00 to 22:00			**72**	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
7		05/01/2024 To 06/01/2024	Night 22:00 to 7:00			**74** (Calculated highest LAeq in work period at the nearest resident is 70)	**64**	**Yes**	• RBL: 41 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 70 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (70 dB) is above the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
8		06/01/2024	Day to Evening 7:00 to 22:00			**65**	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
9		06/01/2024 To 07/01/2024	Night 22:00 to 7:00			**55**	**64**	**Yes**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
10		07/01/2024	Day to Evening 7:00 to 22:00			**59**	**61**	**Yes**	• RBL: 47 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (59 dB) is lower than the predicted level (61 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
11		07/01/2024 To 08/01/2024	Night 22:00 to 7:00			**65**	**65**	**Yes**	• RBL: 41 • LAeq15min matches predictions. • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (65 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
12		08/01/2024	Day to Evening 7:00 to 22:00			**57**	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
13		08/01/2024 To 09/01/2024	Night 22:00 to 7:00			**52**	**41**[1]	**Yes**	• RBL: 41 • The noise monitor recorded a highest LAeq15min value of 52 dB. This nighttime noise level of 52 dB appears consistent with the actual background noise when there are no construction activities (see 9, 10, 11, 12 & 13/ 01/ 2024). In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00
14		09/01/2024	Day to Evening 7:00 to 22:00			**59**	Normal construction hours 8:00 – 18:00, no construction after 18:00		
15		09/01/2024 To 10/01/2024	Night 22:00 to 7:00			**61**	No construction activity		
16		10/01/2024	Day to Evening 7:00 to 22:00			**60**	Normal construction hours 8:00 – 18:00, no construction after 18:00		
17		10/01/2024 To 11/01/2024	Night 22:00 to 7:00			**51**	No construction activity		
18		11/01/2024	Day to Evening 7:00 to 22:00			56	Normal construction hours 8:00 – 18:00, no construction after 18:00		
19		11/01/2024 To 12/01/2024	Night 22:00 to 7:00			48	No construction activity		

20		12/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00	
21		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			51	No construction activity	
22		13/01/2024	Day to Evening 7:00 to 22:00			54	Normal construction hours 8:00 – 18:00, no construction after 18:00	
23		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			53	No construction activity	
24		14/01/2024	Day to Evening 7:00 to 22:00			60 (Calculated highest LAeq in work period at the nearest resident is 56)	41[1]	**Yes**	• RBL: 41 • The Highest LAeq in work period (60 dB) is above the predicted level (17 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 56 dB, did not trigger offers for respite.**
25		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			58	No construction activity	
26		15/01/2024	Day to Evening 7:00 to 22:00			59	Normal construction hours 8:00 – 18:00, no construction after 18:00	
27		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			52	No construction activity	
28		16/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00	
29		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			58	No construction activity	
30		17/01/2024	Day to Evening 7:00 to 22:00			60	Normal construction hours 8:00 – 18:00, no construction after 18:00	
31		17/01/2024 To 18/01/2024	Night 22:00 to 7:00			60	No construction activity	
32		18/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00	
33		18/01/2024 To 19/01/2024	Night 22:00 to 7:00			49	No construction activity	
34		19/01/2024	Day to Evening 7:00 to 22:00			61	Normal construction hours 8:00 – 18:00, no construction after 18:00	
35		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			52	No construction activity	
36		20/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, no construction after 18:00	
37		20/01/2024 To 21/01/2024	Night 22:00 to 7:00			50	No construction activity	
38		21/01/2024	Day to Evening 7:00 to 22:00			63 (Calculated highest LAeq in work period at the nearest resident is 59)	50	**Yes**	• RBL: 41 • The Highest LAeq in work period (63 dB) is above the predicted level (50 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 59 dB, did not trigger offers for respite.**
39		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			55	No construction activity	
40		22/01/2024	Day to Evening 7:00 to 22:00			57	Normal construction hours 8:00 – 18:00, no construction after 18:00	
41		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			56	No construction activity	
42		23/01/2024	Day to Evening 7:00 to 22:00			59	Normal construction hours 8:00 – 18:00, no construction after 18:00	
43		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			55	No construction activity	
44		24/01/2024	Day to Evening 7:00 to 22:00			56	Normal construction hours 8:00 – 18:00, no construction after 18:00	
45		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			48	No construction activity	
46		25/01/2024	Day to Evening 7:00 to 22:00			54	Normal construction hours 8:00 – 18:00, no construction after 18:00	

[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away.

Table 10. Continues monitoring result for Monitoring Location J

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 02 (HEX412) • Continuous Monitoring • 21m N of 7 Floss St, Hurlstone Park • 03/01/2024 14:30 PM to 05/01/2024 10:30 AM	03/01/2024	Day to Evening 14:30 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	61	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		03/01/2024 To 04/01/2024	Night 22:00 to 7:00			60	No construction activity		
3		04/01/2024	Day to Evening 7:00 to 22:00			61	Normal construction hours 8:00 – 18:00, no construction after 18:00		
4		04/01/2024 To 05/01/2024	Night 22:00 to 7:00			61	No construction activity		
5		05/01/2024	Day to Evening 7:00 to 10:30			56	Normal construction hours 8:00 – 18:00, no construction after 18:00		

Table 11. Continues monitoring result for Monitoring Location L

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 03 (HEX330) • Continuous Monitoring • 18m S of 74-76 Floss St, Hurlstone Park • 27/12/2023 7:00 AM to 25/01/2023 22:00 PM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00			66	No construction activity		
3		28/12/2023	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, no construction after 18:00		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			70	No construction activity		
5		29/12/2023	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		29/12/2023 To 30/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			67 (Calculated highest LAeq in work period at the nearest resident is 63)	63	**Yes**	• RBL: 34 • Calculated highest LAeq in work period at the nearest resident matched with predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is match the predicted level (63 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
7		30/12/2023	Day to Evening 7:00 to 22:00			75	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		30/12/2023 To 31/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			69 (Calculated highest LAeq in work period at the nearest resident is 65)	68	**Yes**	• RBL: 34 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (65 dB) is lower than the predicted level (68 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
9		31/12/2023	Day to Evening 7:00 to 22:00			75 (Calculated highest LAeq in work period at the nearest resident is 71)	44	**Yes**	• RBL: 38 • LAeq15min above the predictions, however consistent with the predicted offers for Respite. • Noise monitor detect highest LAeq15min value of 71 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (71 dB) is above the predicted level (44 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
10		31/12/2023 To 01/01/2024	Night 22:00 to 7:00			68 (Calculated highest LAeq in work period at the nearest resident is 64)	67	**Yes**	• RBL: 34 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (67 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
11		01/01/2024	Day to Evening 7:00 to 22:00			65 (Calculated highest LAeq in work period at the nearest resident is 61)	58	**Yes**	• RBL: 38 • LAeq15min above the predictions, however consistent with the predicted offers for respite. • Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (61 dB) is above the predicted level (58 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
12		01/01/2024 To 02/01/2024	Night 22:00 to 7:00			68 (Calculated highest LAeq in work period at the nearest resident is 64)	61	**Yes**	• RBL: 34 • LAeq15min above the predictions, however consistent with the predicted offers for Respite • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is above the predicted level (61 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
13		02/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
14		02/01/2024 To 03/01/2024	Night 22:00 to 7:00			67 (Calculated highest LAeq in work period at the nearest resident is 63)	25[2]	**Yes[1]**	• RBL: 34 • The noise monitor recorded a highest LAeq15min value of 67 dB. This nighttime noise level of 67 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 22:00 to 07:00 • Live ARTC freight train 10m from monitoring location.
15		03/01/2024	Day to Evening 7:00 to 22:00			76	Normal construction hours 8:00 – 18:00, no construction after 18:00		
16		03/01/2024 To 04/01/2024	Night 22:00 to 7:00			71	No construction activity		
17		04/01/2024	Day to Evening 7:00 to 22:00			76	Normal construction hours 8:00 – 18:00, no construction after 18:00		

18		04/01/2024 To 05/01/2024	Night 22:00 to 7:00			70	No construction activity	
19		05/01/2024	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, no construction after 18:00	
20		05/01/2024 To 06/01/2024	Night 22:00 to 7:00			68	No construction activity	
21		06/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00	
22		06/01/2024 To 07/01/2024	Night 22:00 to 7:00			65	No construction activity	
23		07/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model	
24		07/01/2024 To 08/01/2024	Night 22:00 to 7:00			69 (Calculated highest LAeq in work period at the nearest resident is 65)	54	**Yes** • RBL: 38 • The Highest LAeq in work period (65 dB) is above the predicted level (54 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 65 dB, did not trigger offers for respite.**
25		08/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, no construction after 18:00	
26		08/01/2024 To 09/01/2024	Night 22:00 to 7:00			70	No construction activity	
27		09/01/2024	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, no construction after 18:00	
28		09/01/2024 To 10/01/2024	Night 22:00 to 7:00			69	No construction activity	
29		10/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00	
30		10/01/2024 To 11/01/2024	Night 22:00 to 7:00			68	No construction activity	
31		11/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00	
32		11/01/2024 To 12/01/2024	Night 22:00 to 7:00			67	No construction activity	
33		12/01/2024	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, no construction after 18:00	
34		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			68	No construction activity	
35		13/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00	
36		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			65	No construction activity	
37		14/01/2024	Day to Evening 7:00 to 22:00			68 (Calculated highest LAeq in work period at the nearest resident is 64)	57	**Yes** • RBL: 38 • The Highest LAeq in work period (64 dB) is above the predicted level (57 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 64 dB, did not trigger offers for respite.**
38		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			69	No construction activity	
39		15/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00	
40		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			70	No construction activity	
41		16/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, no construction after 18:00	
42		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			67	No construction activity	
43		17/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, no construction after 18:00	
44		17/01/2024 To 18/01/2024	Night 22:00 to 7:00			69	No construction activity	
45		18/01/2024	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, no construction after 18:00	

46		18/01/2024 To 19/01/2024	Night 22:00 to 7:00			73	No construction activity		
47		19/01/2024	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, no construction after 18:00		
48		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			64	No construction activity		
49		20/01/2024	Day to Evening 7:00 to 22:00			60	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
50		20/01/2024 To 21/01/2024	Night 22:00 to 7:00			65 (Calculated highest LAeq in work period at the nearest resident is 61)	64	**Yes**	• RBL: 34 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (61 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
51		21/01/2024	Day to Evening 7:00 to 22:00			60 (Calculated highest LAeq in work period at the nearest resident is 56)	61	**Yes**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (61 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
52		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			69 (Calculated highest LAeq in work period at the nearest resident is 65)	64	**Yes**	• RBL: 34 • LAeq15min above the predictions, however consistent with the predicted offers for Respite • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (65 dB) is above the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
53		22/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
54		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			70	No construction activity		
55		23/01/2024	Day to Evening 7:00 to 22:00			67	Normal construction hours 8:00 – 18:00, no construction after 18:00		
56		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			70	No construction activity		
57		24/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, no construction after 18:00		
58		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			71	No construction activity		
59		25/01/2024	Day to Evening 7:00 to 22:00			67	Normal construction hours 8:00 – 18:00, no construction after 18:00		

1 - There are three no construction activities nighttime period:

- Period 1: 3, 4, 5 & 6 / 01 / 2024,
- Period 2: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19 / 01 / 2024
- Period 3: 22, 23, 24 / 01 / 2024

These three periods represent the actual night-time background noise level at the monitoring location. The average background highest LAeq at Monitoring Location is 69 dB.

2 - The predicted noise level is lower than the RBL, JHLOR related construction activities is far away.

Table 12. Continues monitoring result for Monitoring Location M

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 12 (HEX183) • Continuous Monitoring • 30m N of 232 South Terrace • 27/12/2023 7:00 AM to 25/01/2023 22:00 PM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	72	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00			76 (Calculated highest LAeq in work period at the nearest resident is 71)	66	**Yes**	• RBL: 42 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 71 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (71 dB) is above the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
3		28/12/2023	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			68 (Calculated highest LAeq in work period at the nearest resident is 63)	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
5		29/12/2023	Day to Evening 7:00 to 22:00			73	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		29/12/2023 To 30/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			67 (Calculated highest LAeq in work period at the nearest resident is 62)	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
7		30/12/2023	Day to Evening 7:00 to 22:00			68	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		30/12/2023 To 31/12/2023	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)			65	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (65 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
9		31/12/2023	Day to Evening 7:00 to 22:00			68 (Calculated highest LAeq in work period at the nearest resident is 63)	64	**Yes**	• RBL: 54 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
10		31/12/2023 To 01/01/2024	Night 22:00 to 7:00			65	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (65 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
11		01/01/2024	Day to Evening 7:00 to 22:00			67 (Calculated highest LAeq in work period at the nearest resident is 62)	64	**Yes**	• RBL: 54 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours of 07:00 to 22:00. • The Highest LAeq in work period (62 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
12		01/01/2024 To 02/01/2024	Night 22:00 to 7:00			63	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
13		02/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
14		02/01/2024 To 03/01/2024	Night 22:00 to 7:00			62	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (62 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
15		03/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		

16		03/01/2024 To 04/01/2024	Night 22:00 to 7:00			64	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
17		04/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
18		04/01/2024 To 05/01/2024	Night 22:00 to 7:00			63	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 63 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (63 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
19		05/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
20		05/01/2024 To 06/01/2024	Night 22:00 to 7:00			62	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (62 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
21		06/01/2024	Day to Evening 7:00 to 22:00			69	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
22		06/01/2024 To 07/01/2024	Night 22:00 to 7:00			59	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (59 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
23		07/01/2024	Day to Evening 7:00 to 22:00			73 (Calculated highest LAeq in work period at the nearest resident is 68)	64	**Yes**	• RBL: 54 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 70 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (70 dB) is above the predicted level (65 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
24		07/01/2024 To 08/01/2024	Night 22:00 to 7:00			75 (Calculated highest LAeq in work period at the nearest resident is 70)	65	**Yes**	• RBL: 42 • LAeq15min above the predictions, however did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 70 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (70 dB) is above the predicted level (65 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
25		08/01/2024	Day to Evening 7:00 to 22:00			70	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
26		08/01/2024 To 09/01/2024	Night 22:00 to 7:00			58	65	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 58 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (58 dB) is lower than the predicted level (65 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
27		09/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
28		09/01/2024 To 10/01/2024	Night 22:00 to 7:00			62	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (62 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
29		10/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
30		10/01/2024 To 11/01/2024	Night 22:00 to 7:00			59	66	**Yes**	• RBL: 42 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (59 dB) is lower than the predicted level (66 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
31		11/01/2024	Day to Evening 7:00 to 22:00			66	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
32		11/01/2024 To 12/01/2024	Night 22:00 to 7:00			58 (Calculated highest LAeq in work period at the nearest resident is 53)	30[1]	**Yes**	• RBL: 42 • The Highest LAeq in work period (53 dB) is above the predicted level (30 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 64 dB, did not trigger offers for respite.**

33		12/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, no construction after 18:00	
34		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			57	No construction activity	
35		13/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, no construction after 18:00	
36		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			60	No construction activity	
37		14/01/2024	Day to Evening 7:00 to 22:00			67 (Calculated highest LAeq in work period at the nearest resident is 62)	57	**Yes** • RBL: 54 • The Highest LAeq in work period (62 dB) is above the predicted level (57 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for Respite.** • **Actual Noise level is 62 dB, did not trigger offers for Respite.**
38		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			59	No construction activity	
39		15/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, no construction after 18:00	
40		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			58	No construction activity	
41		16/01/2024	Day to Evening 7:00 to 22:00			66	Normal construction hours 8:00 – 18:00, no construction after 18:00	
42		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			73	No construction activity	
43		17/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, no construction after 18:00	
44		17/01/2024 To 18/01/2024	Night 22:00 to 7:00			59	No construction activity	
45		18/01/2024	Day to Evening 7:00 to 22:00			72	Normal construction hours 8:00 – 18:00, no construction after 18:00	
46		18/01/2024 To 19/01/2024	Night 22:00 to 7:00			63	No construction activity	
47		19/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, no construction after 18:00	
48		19/01/2024 To 20/01/2024	Night 22:00 to 7:00			61	No construction activity	
49		20/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 8:00 – 18:00, no construction after 18:00	
50		20/01/2024 To 21/01/2024	Night 22:00 to 7:00			58	No construction activity	
51		21/01/2024	Day to Evening 7:00 to 22:00			71	Normal construction hours 8:00 – 18:00, no construction after 18:00	
52		21/01/2024 To 22/01/2024	Night 22:00 to 7:00			58	No construction activity	
53		22/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, no construction after 18:00	
54		22/01/2024 To 23/01/2024	Night 22:00 to 7:00			59	No construction activity	
55		23/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, no construction after 18:00	
56		23/01/2024 To 24/01/2024	Night 22:00 to 7:00			58	No construction activity	
57		24/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, no construction after 18:00	
58		24/01/2024 To 25/01/2024	Night 22:00 to 7:00			60	No construction activity	
59		25/01/2024	Day to Evening 7:00 to 22:00			66	Normal construction hours 8:00 – 18:00, no construction after 18:00	

[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away.

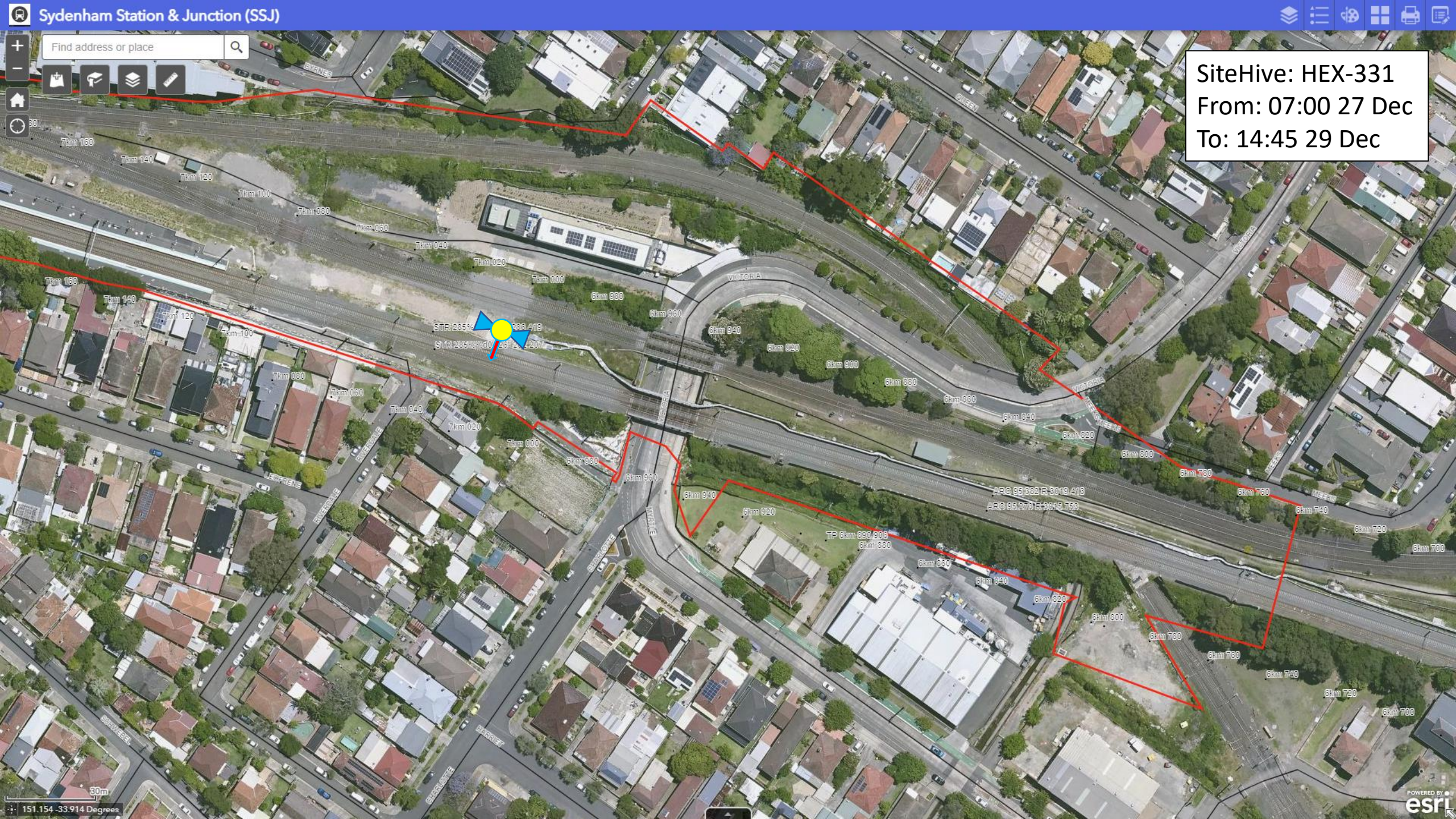
Table 13. Continues monitoring result for Monitoring Location N

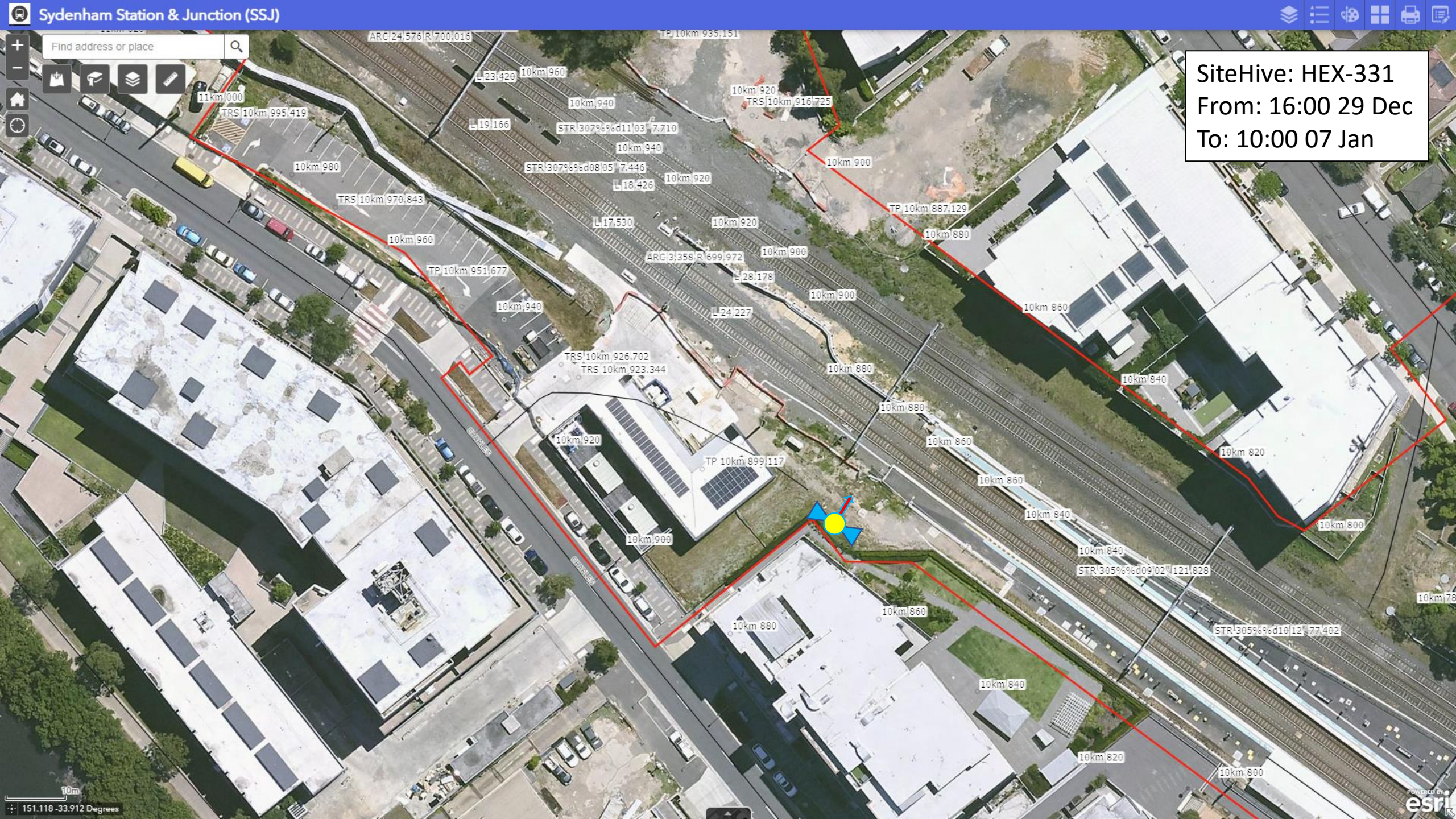
Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq,15min at resident	Compliant	Comments
1	NCA 11 (HEX425) • Continuous Monitoring • 8m S of 11 Stansfield Ave, Bankstown • 27/12/2023 7:00 AM to 17/01/2023 10:30 AM	27/12/2023	Day to Evening 7:00 to 22:00	General track related construction activities	• Tamper, regulator and thermo welding. • Penlems • Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • 60T crane • Site lights	71	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
2		27/12/2023 To 28/12/2023	Night 22:00 to 7:00			53	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
3		28/12/2023	Day to Evening 7:00 to 22:00			57	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
4		28/12/2023 To 29/12/2023	Night 22:00 to 7:00			56	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
5		29/12/2023	Day to Evening 7:00 to 22:00			60	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
6		29/12/2023 To 30/12/2023	Night 22:00 to 7:00			57	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (57 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
7		30/12/2023	Day to Evening 7:00 to 22:00			59	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
8		30/12/2023 To 31/12/2023	Night 22:00 to 7:00			53	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
9		31/12/2023	Day to Evening 7:00 to 22:00			67 (Calculated highest LAeq in work period at the nearest resident is 63)	58	**Yes**	• RBL: 47 • The Highest LAeq in work period (63 dB) is above the predicted level (58 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 63 dB, did not trigger offers for Respite.**
10		31/12/2023 To 01/01/2024	Night 22:00 to 7:00			74 (Without fireworks the Highest LAeq in work period at Monitoring Location is 62)	59	**Yes**	• RBL: 39 • LAeq15min (without fireworks) below the predictions, consistent with the predicted offers for respite. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours 22:00 to 07:00. • **Predicted noise levels (Nightshift works) in this area triggered offers for respite.** • **Actual Noise level (Nightshift works) in without ARTC freight train is 62 dB, consistent with the predicted offers for respite.** • Fireworks is identified in the following period and added to the Highest LAeq in work period at Monitoring Location: - 00:00 identified at 67 dB - 00:15 identified at 74 dB - 00:30 identified at 63 dB
11		01/01/2024	Day to Evening 7:00 to 22:00			62 (Calculated highest LAeq in work period at the nearest resident is 58)	58	**Yes**	• RBL: 47 • The Highest LAeq in work period (58 dB) is matching the predicted level (58 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 63 dB, did not trigger offers for Respite.**
12		01/01/2024 To 02/01/2024	Night 22:00 to 7:00			59	59	**Yes**	• RBL: 39 • LAeq15min matches predictions. • Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (59 dB) is match the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
13		02/01/2024	Day to Evening 7:00 to 22:00			65	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
14		02/01/2024 To 03/01/2024	Night 22:00 to 7:00			57	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 57 dB due to general construction noise between the hours of 22:00 to 07:00.

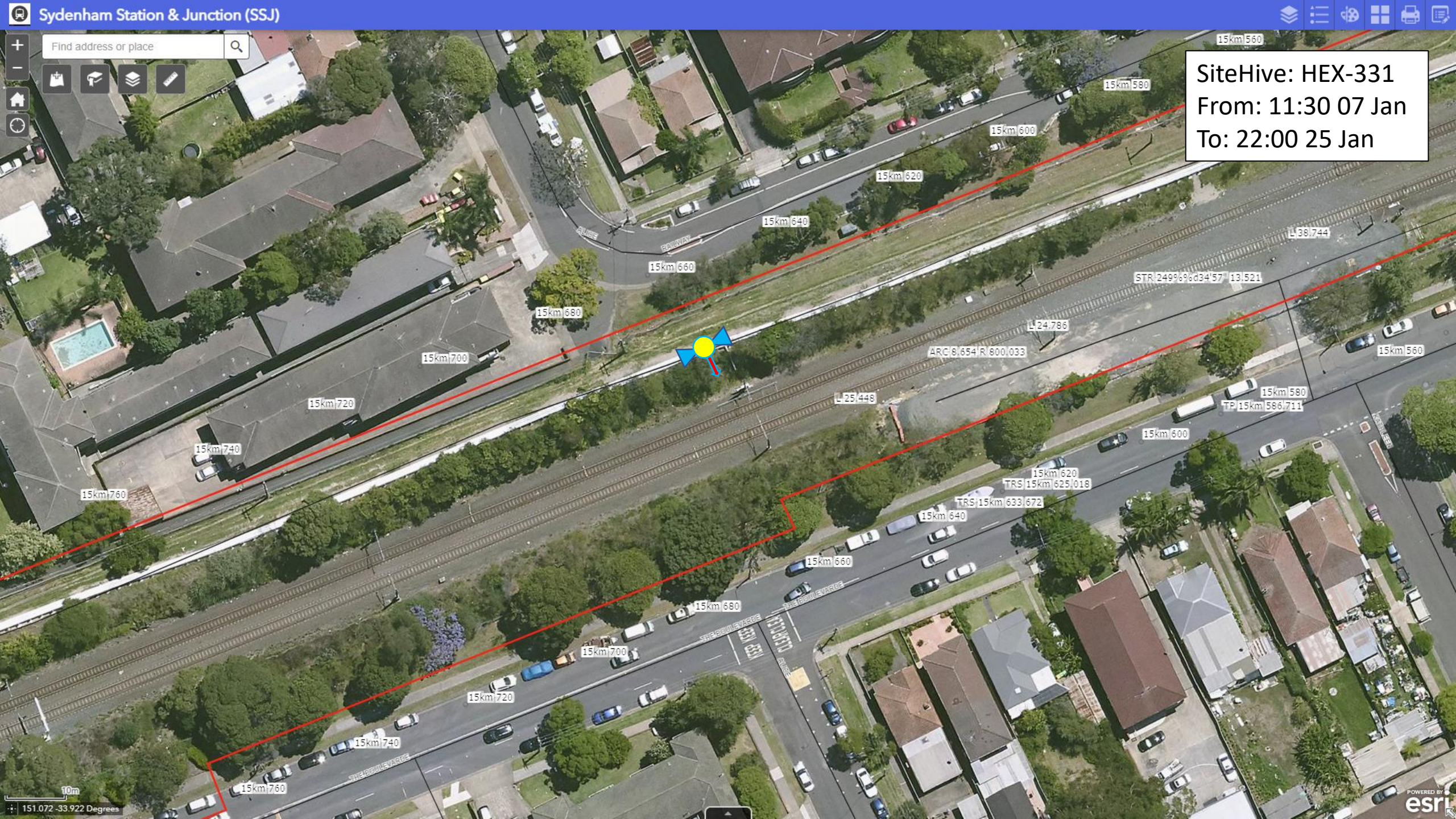
									• The Highest LAeq in work period (57 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
15		03/01/2024	Day to Evening 7:00 to 22:00			64	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
16		03/01/2024 To 04/01/2024	Night 22:00 to 7:00			60 (Calculated highest LAeq in work period at the nearest resident is 56)	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (56 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
17		04/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
18		04/01/2024 To 05/01/2024	Night 22:00 to 7:00			54	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 54 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (54 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
19		05/01/2024	Day to Evening 7:00 to 22:00			62	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
20		05/01/2024 To 06/01/2024	Night 22:00 to 7:00			52	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 52 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (52 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
21		06/01/2024	Day to Evening 7:00 to 22:00			63	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
22		06/01/2024 To 07/01/2024	Night 22:00 to 7:00			53	59	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (59 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
23		07/01/2024	Day to Evening 7:00 to 22:00			58	58	**Yes**	• RBL: 47 • The Highest LAeq in work period (58 dB) is matching the predicted level (58 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 63 dB, did not trigger offers for respite.**
24		07/01/2024 To 08/01/2024	Night 22:00 to 7:00			64	69	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
25		08/01/2024	Day to Evening 7:00 to 22:00			76	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
26		08/01/2024 To 09/01/2024	Night 22:00 to 7:00			75 (Calculated highest LAeq in work period at the nearest resident is 71)	69	**Yes**	• RBL: 39 • LAeq15min above the predictions, however consistent with the predicted offers for Respite • Noise monitor detect highest LAeq15min value of 71 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (71 dB) is above the predicted level (69 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
27		09/01/2024	Day to Evening 7:00 to 22:00			55	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
28		09/01/2024 To 10/01/2024	Night 22:00 to 7:00			71 (Calculated highest LAeq in work period at the nearest resident is 67)	69	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 67 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (67 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
29		10/01/2024	Day to Evening 7:00 to 22:00			61	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
30		10/01/2024 To 11/01/2024	Night 22:00 to 7:00			53	69	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (53 dB) is lower than the predicted level (69 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
31		11/01/2024	Day to Evening 7:00 to 22:00			55	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
32		11/01/2024 To 12/01/2024	Night 22:00 to 7:00			51	64	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise

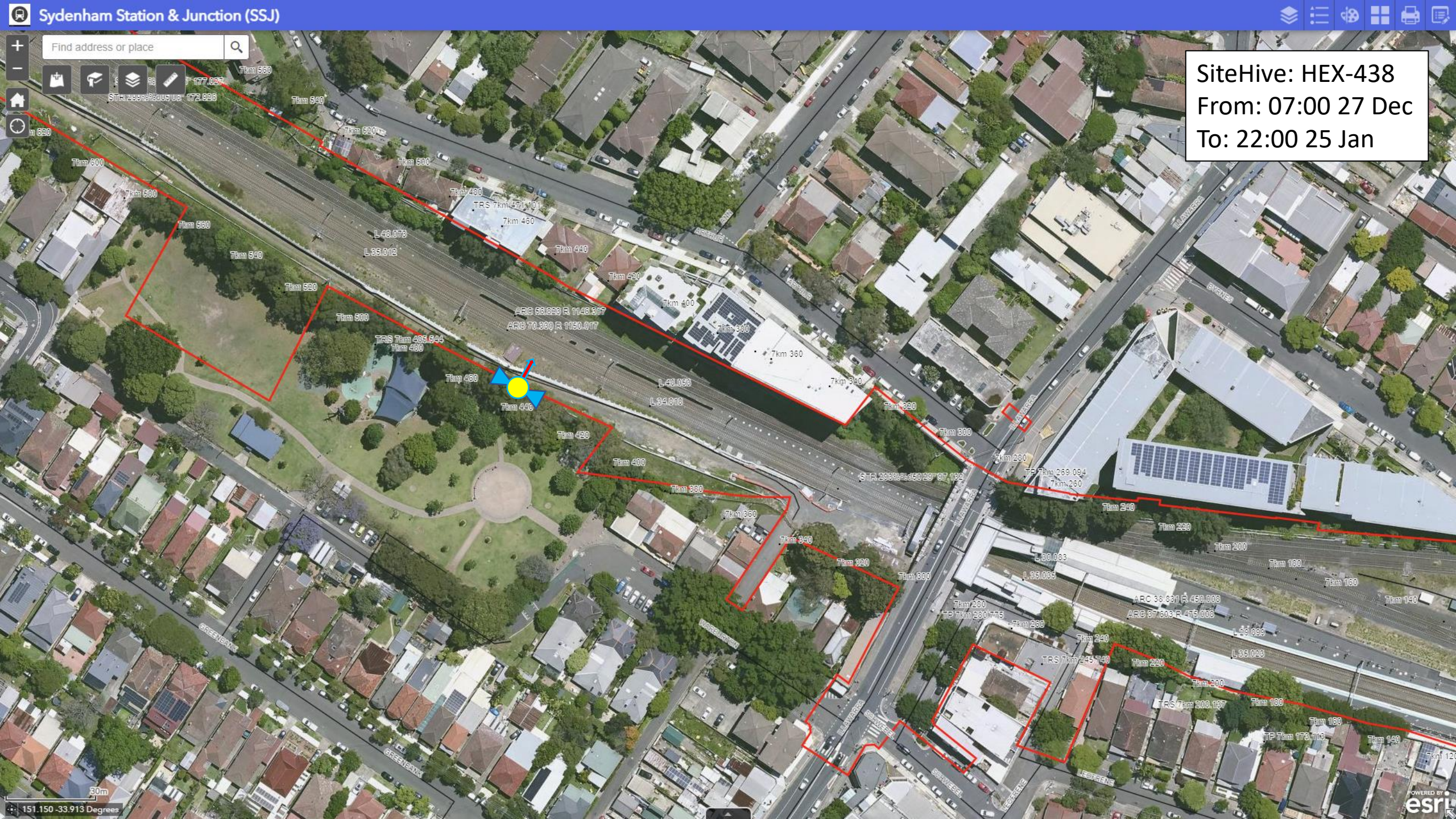
									between the hours of 22:00 to 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (64 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
33		12/01/2024	Day to Evening 7:00 to 22:00			58	Normal construction hours 8:00 – 18:00, no construction after 18:00		
34		12/01/2024 To 13/01/2024	Night 22:00 to 7:00			54	No construction activity		
35		13/01/2024	Day to Evening 7:00 to 22:00			54	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
36		13/01/2024 To 14/01/2024	Night 22:00 to 7:00			53 (Calculated highest LAeq in work period at the nearest resident is 49)	15[1]	**Yes**	• RBL: 39 • The Highest LAeq in work period (53 dB) is above the predicted level (30 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 64 dB, did not trigger offers for respite.**
37		14/01/2024	Day to Evening 7:00 to 22:00			57 (Calculated highest LAeq in work period at the nearest resident is 53)	15[1]	**Yes**	• RBL: 47 • The Highest LAeq in work period (53 dB) is above the predicted level (30 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 64 dB, did not trigger offers for respite.**
38		14/01/2024 To 15/01/2024	Night 22:00 to 7:00			53 (Calculated highest LAeq in work period at the nearest resident is 49)	15[1]	**Yes**	• RBL: 39 • The Highest LAeq in work period (53 dB) is above the predicted level (30 dB) • **Predicted noise levels (Nightshift works) in this area did not trigger offers for respite.** • **Actual Noise level is 64 dB, did not trigger offers for respite.**
39		15/01/2024	Day to Evening 7:00 to 22:00			57	Normal construction hours 8:00 – 18:00, no construction after 18:00		
40		15/01/2024 To 16/01/2024	Night 22:00 to 7:00			54	No construction activity		
41		16/01/2024	Day to Evening 7:00 to 22:00			59	Normal construction hours 8:00 – 18:00, Evening period (18:00-22:00) covered in nightshift model		
42		16/01/2024 To 17/01/2024	Night 22:00 to 7:00			51	61	**Yes**	• RBL: 39 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 51 dB due to general construction noise between the hours of 22:00 to 07:00. • The Highest LAeq in work period (51 dB) is lower than the predicted level (61 dB) • **Predicted noise levels (nightshift works) in this area triggered offers for respite.**
43		17/01/2024	Day to Evening 7:00 to 10:30			65	Normal construction hours 8:00 – 18:00, no construction after 18:00		

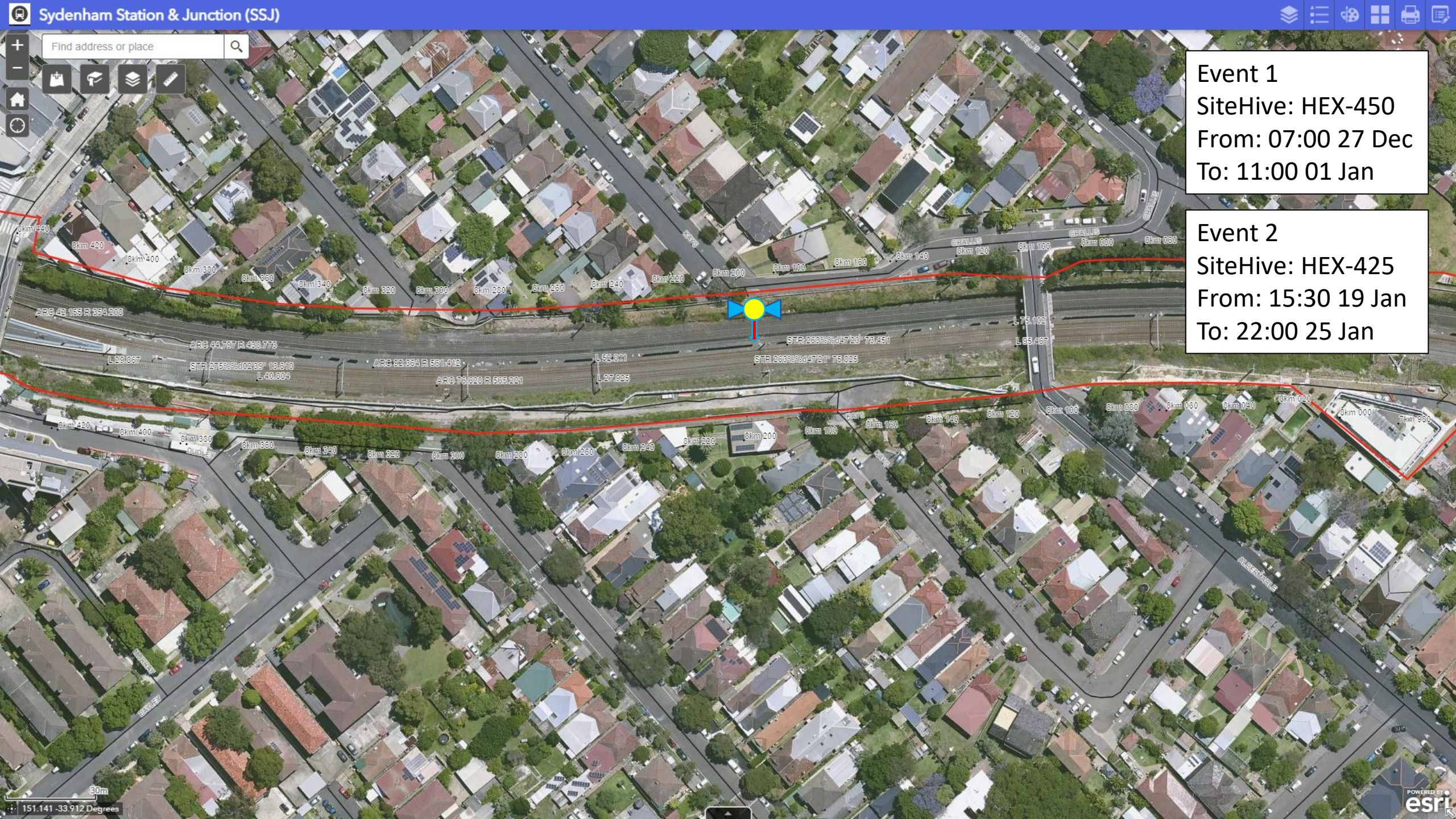
[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away.

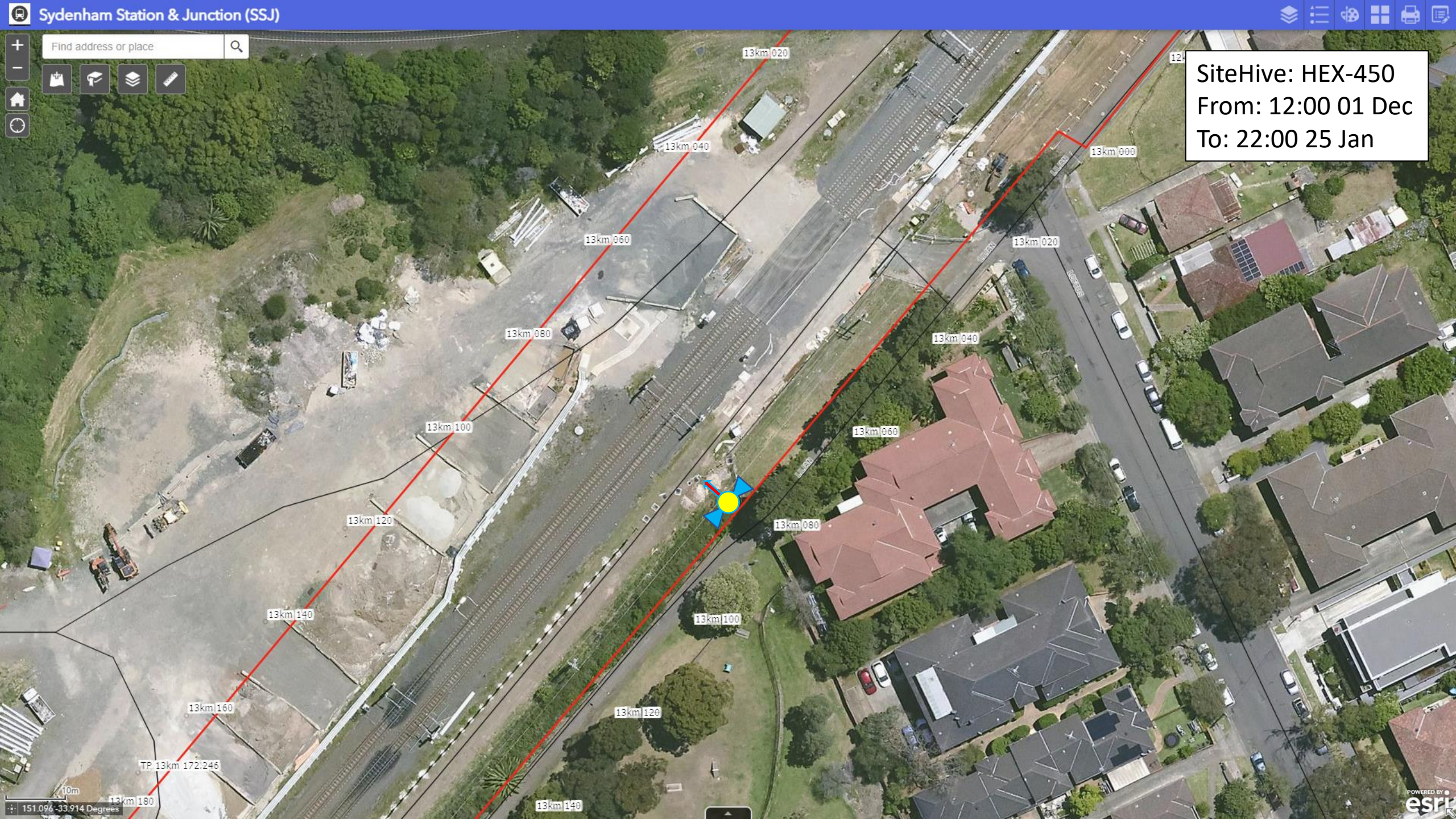

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-331
From: 07:00 27 Dec
To: 14:45 29 Dec
VICTORIA
QUEEN
BYRNES
GERSHWIN
GEORGE
BERGERIE
LEBRENE
GERSHWIN
30m
151.154 -33.914 Degrees
POWERED BY esri

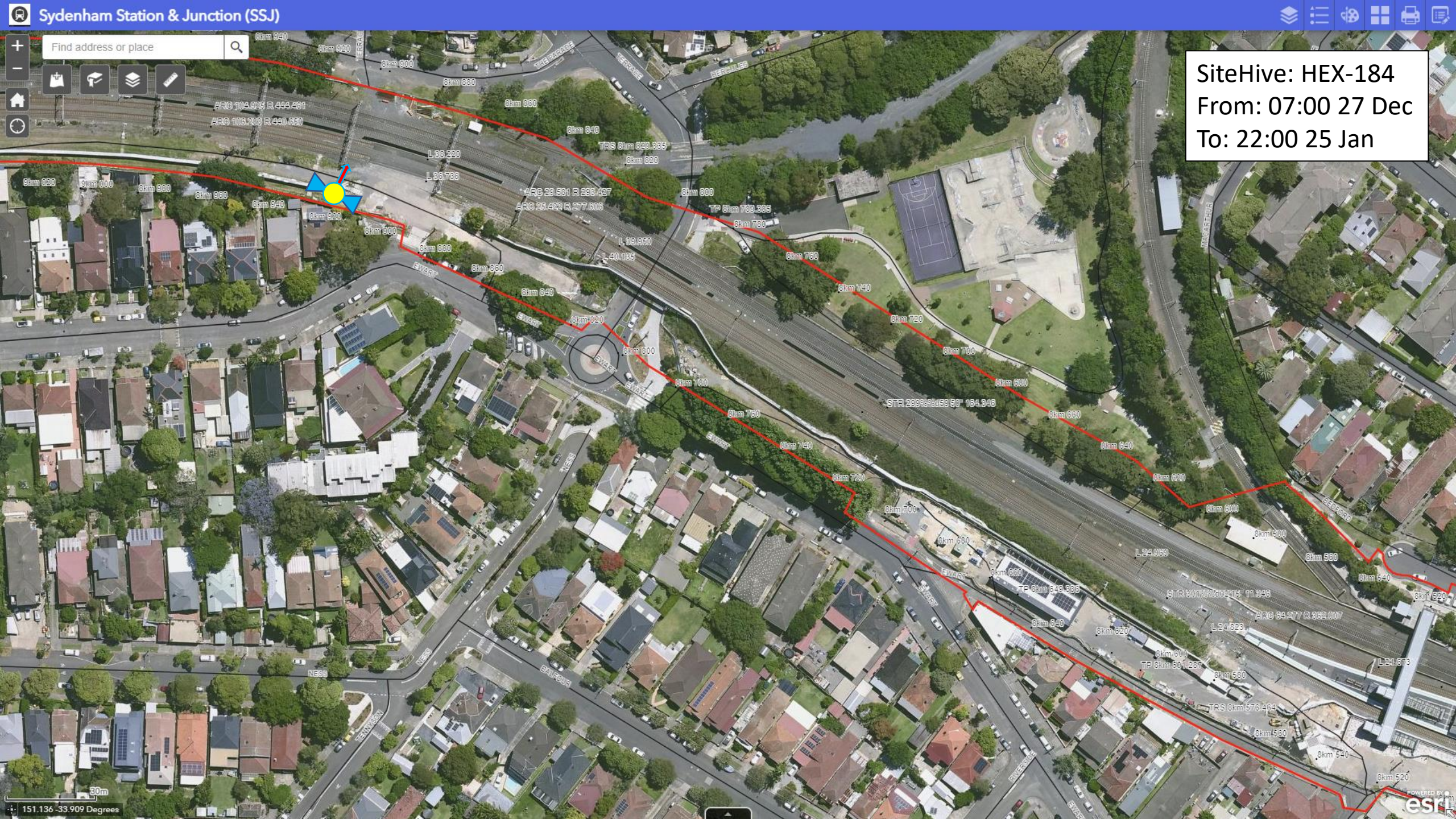

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-331
From: 16:00 29 Dec
To: 10:00 07 Jan
ARC 24.576 R 700.016
TP 10km 935.151
L 23.420
10km 960
11km 000
10km 940
TRS 10km 995.419
10km 920
TRS 10km 916.725
L 19.166
STR 307°%d11'03" 7.710
10km 940
10km 900
10km 980
STR 307°%d08'05" 7.446
10km 920
L 18.426
TRS 10km 970.843
TP 10km 887.129
L 17.530
10km 920
10km 880
10km 960
10km 900
ARC 3.358 R 699.972
TP 10km 951.677
L 28.178
10km 940
10km 900
L 24.227
10km 860
TRS 10km 926.702
TRS 10km 923.344
10km 880
10km 840
10km 880
10km 920
10km 860
TP 10km 899.117
10km 820
10km 860
10km 840
10km 900
10km 840
STR 305°%d09'02" 121.828
10km 800
10km 860
10km 880
STR 305°%d10'12" 77.402
10km 840
10km 820
10km 800
10m
151.118 -33.912 Degrees
esri

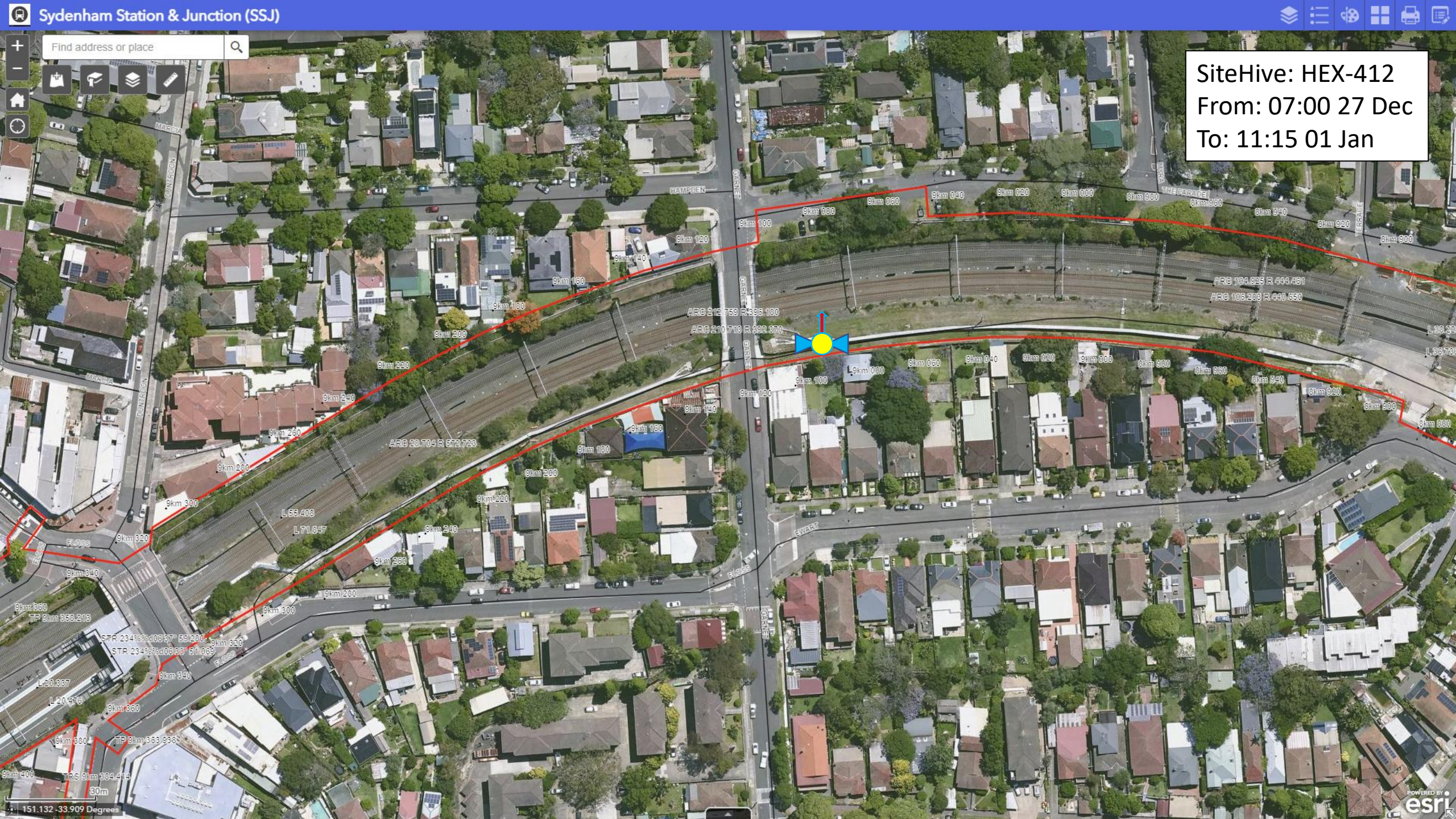

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-331
From: 11:30 07 Jan
To: 22:00 25 Jan
15km 560
15km 580
15km 600
15km 620
15km 640
15km 660
15km 680
15km 700
15km 720
15km 740
15km 760
L 38.744
STR 249%%d34'57" 13.521
L 24.786
ARC 8.654 R 800.033
L 25.448
TP 15km 586.711
TRS 15km 625.018
TRS 15km 633.672
THE BOULEVARDE
CLEVEDON RISE
RAILWAY
10m
151.072 -33.922 Degrees
POWERED BY esri

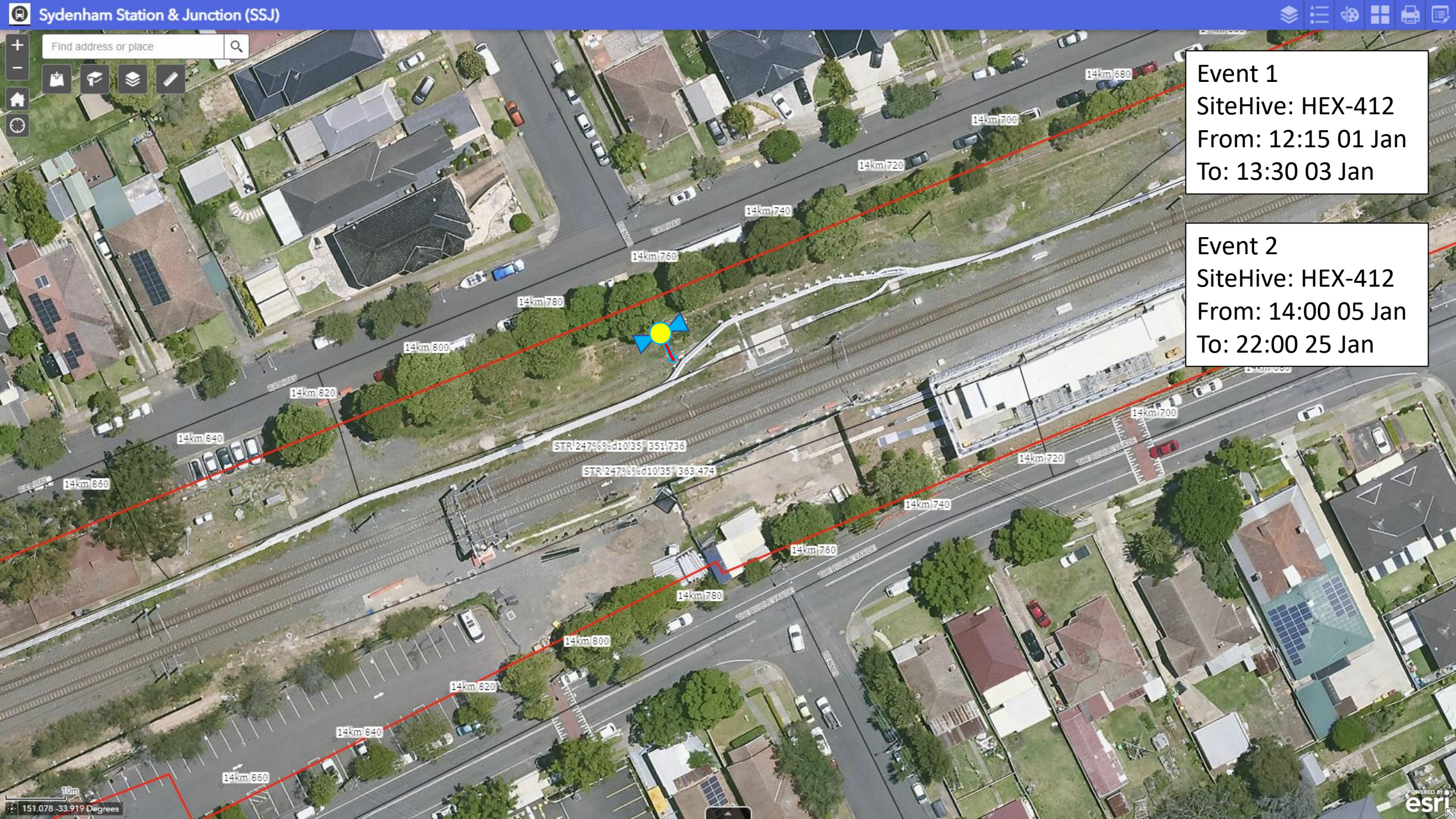

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-438
From: 07:00 27 Dec
To: 22:00 25 Jan
30m
151.150 -33.913 Degrees
esri


Sydenham Station & Junction (SSJ)
Find address or place
Event 1
SiteHive: HEX-450
From: 07:00 27 Dec
To: 11:00 01 Jan
Event 2
SiteHive: HEX-425
From: 15:30 19 Jan
To: 22:00 25 Jan
30m
151.141 -33.912 Degrees
POWERED BY esri


Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-450
From: 12:00 01 Dec
To: 22:00 25 Jan
13km 020
13km 040
13km 060
13km 080
13km 100
13km 120
13km 140
13km 160
13km 180
13km 000
TP 13km 172.246
10m
151.096 -33.914 Degrees
POWERED BY esri

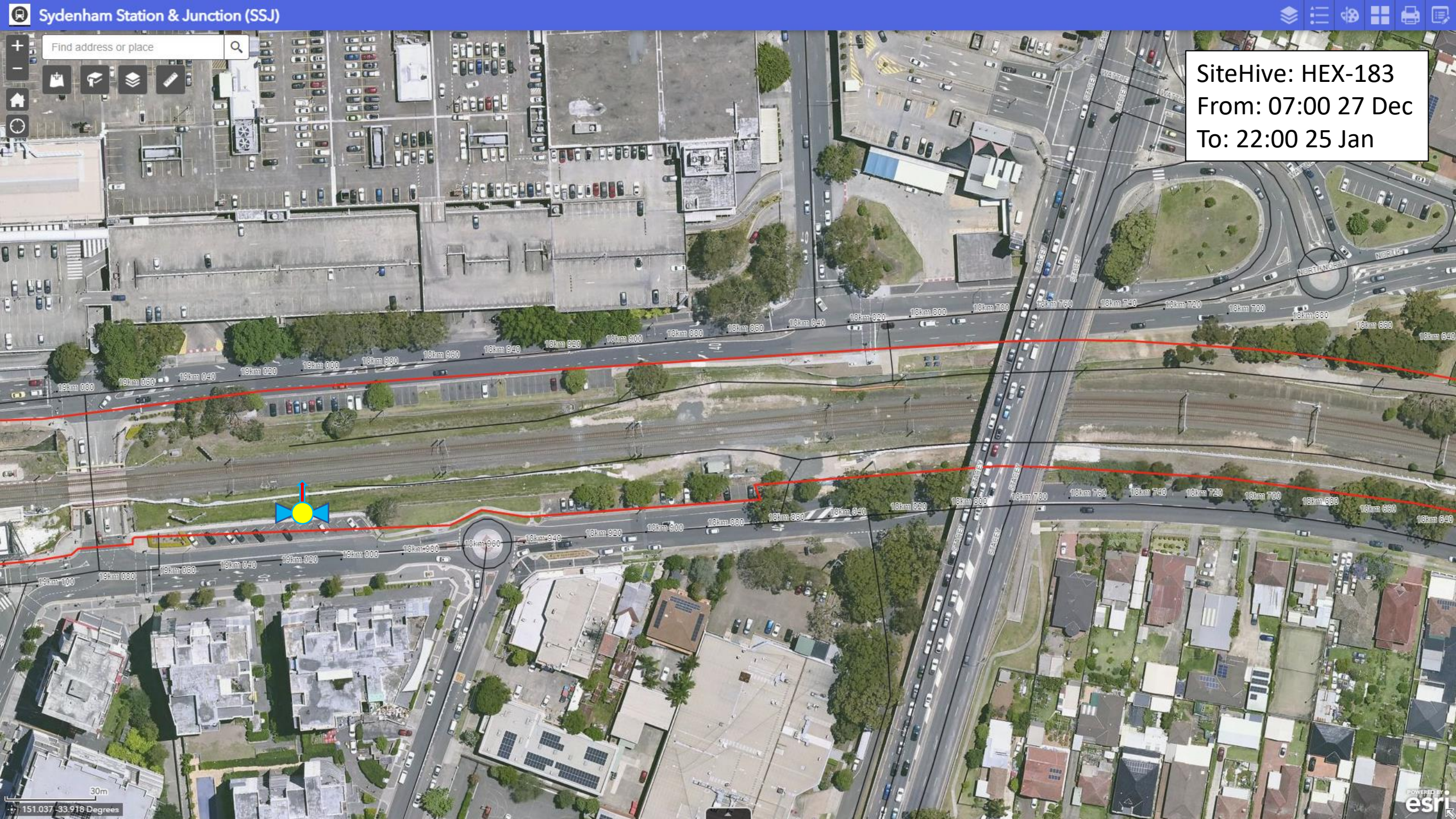

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-184
From: 07:00 27 Dec
To: 22:00 25 Jan
30m
151.136 -33.909 Degrees

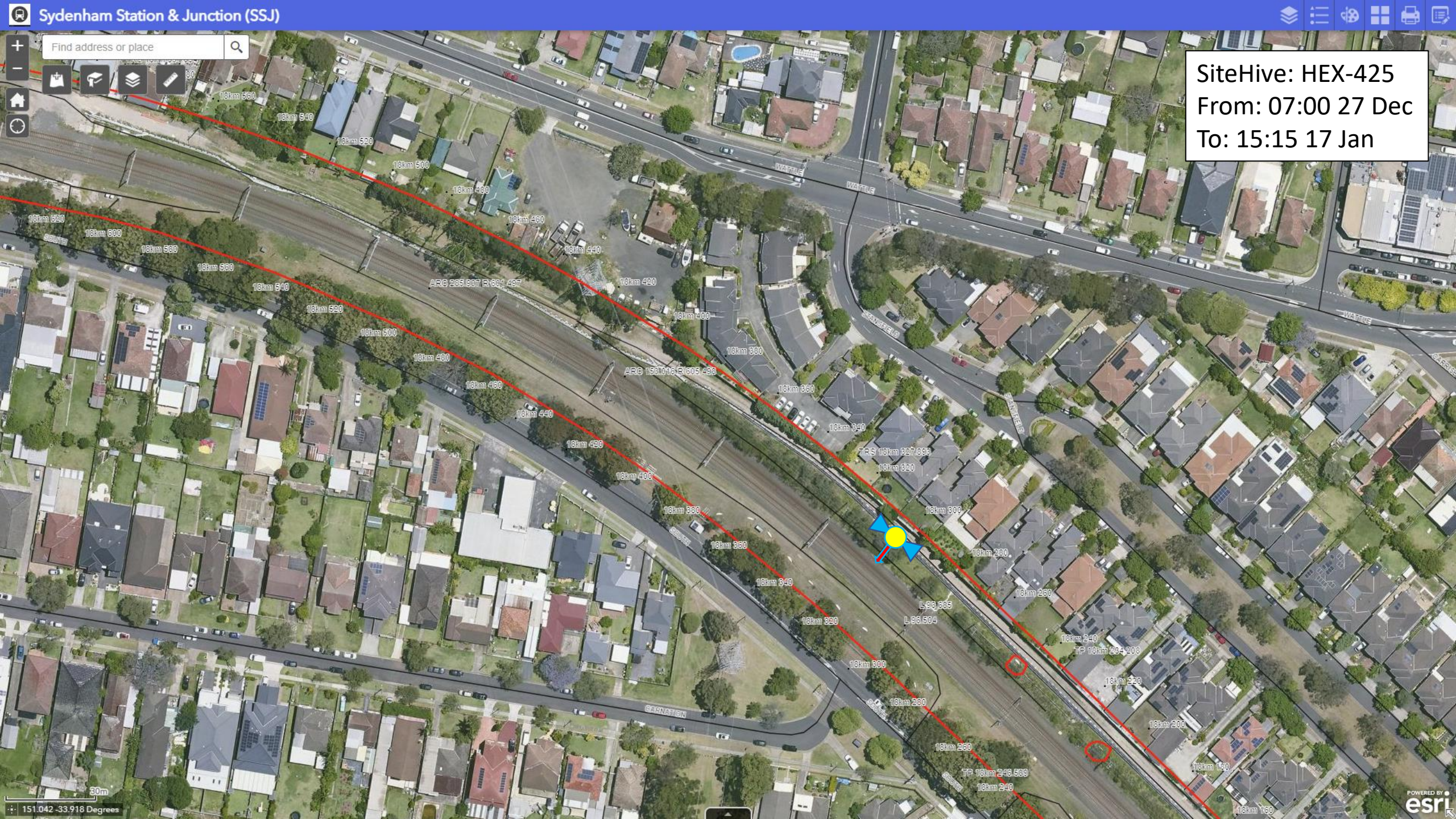

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-412
From: 07:00 27 Dec
To: 11:15 01 Jan
HAMPDEN
GARNET
EVART
FLOSS
151.132 -33.909 Degrees
30m
esri


Sydenham Station & Junction (SSJ)
Find address or place
Event 1
SiteHive: HEX-412
From: 12:15 01 Jan
To: 13:30 03 Jan
Event 2
SiteHive: HEX-412
From: 14:00 05 Jan
To: 22:00 25 Jan
14km 680
14km 700
14km 720
14km 740
14km 760
14km 780
14km 800
14km 820
14km 840
14km 860
STR 247%%d10/35" 351/736
STR 247%%d10/35" 363/474
RAILWAY
THE BOULEVARDE
10m
151.078 -33.919 Degrees
esri

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-412
From: 14:30 03 Jan
To: 10:30 05 Jan
9km 140
9km 160
9km 180
ARC 212.759 R 396.180
9km 200
ARC 210.713 R 392.370
CTP 9km 214.820
9km 220
9km 080
9km 100
9km 120
9km 240
TRS 9km 243.525
9km 140
9km 260
9km 160
ARC 28.704 R 572.723
ARC 20.010 R 568.913
9km 180
9km 280
9km 200
9km 300
9km 220
L 55.408
L 71.847
9km 240
9km 260
9km 280
9km 300
GARNET
FLOSS
10m
151.133 -33.910 Degrees
POWERED BY esri

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-330
From: 07:00 27 Dec
To: 22:00 25 Jan
151.128 -33.910 Degrees
30m
esri


Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-183
From: 07:00 27 Dec
To: 22:00 25 Jan
30m
151.037 -33.918 Degrees
esri


Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-425
From: 07:00 27 Dec
To: 15:15 17 Jan
WATTLE
CARNATION
30m
151.042 -33.918 Degrees
POWERED BY esri

Attachment 2 – Community Notification

Community Notifications were provided to residents of:

- Sydenham
- Marrickville
- Canterbury
- Hurlstone Park
- Dulwich Hill
- Campsie
- Belmore
- Wiley Park
- Punchbowl to Bankstown

Please refer to the following community notifications for works undertaken at the previously stated locations.

Monthly update – Sydenham Station

December 2023 and January 2024

Sydney Metro is Australia's biggest public transport project.

Services started in May 2019 in the city's North West with a train every four minutes in the peak. Metro rail will be extended into the CBD in 2024, with new metro railway stations at Crows Nest, Victoria Cross, Barangaroo, Martin Place, Pitt Street and Waterloo, and new metro platforms at Central, and then onto Bankstown in 2025.

John Holland Pty Ltd and Laing O'Rourke Australia Construction Pty Ltd were awarded the contract for major railway work at Sydenham as part of Sydney Metro, including upgrades at Sydenham Station and inside the rail corridor. MTR Australia has also been working at the station to install communications systems at the station and platform edge barrier system on platforms 1 and 2.

Upcoming work at Sydenham Station

The T3 Bankstown Line between Sydenham and Bankstown Station will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor 24/7 throughout the rail shutdown. An extended rail shutdown period is required to undertake work activities to prepare for the final rail conversion in 2024.

All work activities are subject to relevant approvals.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

The following activities will be undertaken 24/7 during the rail shutdown from 27 December 2023 to 26 January 2024

Location	Planned work
Sydenham Station and rail corridor	• Installation of equipment, cabinets and cables • Testing and commissioning of signalling, communications and radio systems • Overhead wiring upgrades • Dynamic train testing • Finishing works on the concourse and platforms

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned work outside the shutdown is detailed in the table on the following page.

Standard work hours

The following activities will be undertaken during standard construction hours from Monday to Friday 7am – 6pm and Saturday 8am – 1pm

Location	Planned work
Sydenham Station	• Installation of cables and equipment in the services buildings and at the station • Testing and commissioning activities of electrical services, including power, communication and signalling equipment and systems • Testing and commissioning of the platform screen doors • Dynamic train testing • Finishing works on the concourse and platforms
Rail corridor	• Installation and testing and commissioning of cables and trackside equipment • Dynamic train testing

Out-of-hours (night) work hours

Due to the nature of some activities and for the safety of community and workers, some work will occur outside standard construction hours

Location	Planned work
Sydenham Station and rail corridor: 6.30am to 4.30pm Saturdays and Sundays	• Installation of equipment, cabinets and cables • Testing and commissioning of signalling, communications and radio systems
Sydenham Station: 24/7	• Testing and commissioning of new communications and signalling systems
Rail corridor: 24/7	• Dynamic train testing • Testing and commissioning of new communications and signalling systems

What to expect

Equipment will include hi-ab truck, hand tools and power tools. The project team will take every step possible to minimise noise impacts. A range of measures are in place to meet the project's approval conditions and reduce noise, including noise barriers, using only the necessary equipment for each task, turning off equipment when not in use and equipping machinery with non-tonal movement alarms.

Thank you for your cooperation while we complete this essential work.

We encourage you to provide a contact email or phone number so we can add you to our distribution list for updates on this work.

To be included on our distribution list for project updates or if you have any questions about this work, please contact **1800 171 386** or email sydneymetro@transport.nsw.gov.au.

Contact us

24-hour Community Information Line **1800 171 386**

sydneymetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

Translating and interpreting service

If you need help understanding this information, please contact the Translating and Interpreting Service on **131 450** and ask them to call us on **1800 171 386**

City & Southwest

Notification – Belmore

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Belmore Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Belmore (along the rail corridor)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Around Belmore Station and at the services building site (off Redman Parade, adjacent to the rail line)	• Testing and commissioning activities at the services building • Minor defect rectifications as required • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Local cabling, mechanical and electrical fit out work for padmounts at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment • Installation of brackets and containments on the station platform • Enabling work related to installation of mechanical gap fillers
Belmore site compound (Bridge Road)	• Delivery and storage of materials, including cables, cable drums, light and heavy vehicles • Ongoing truck and traffic movements into and out of site, occasionally managed by traffic control
Lakemba substation, off The Boulevarde, near Taylor Street	• Installation of perimeter fencing • Installation of cables, cable supports, conduits, transformers and mechanical and electrical fit out • Landscaping including planting and maintenance of new trees and shrubs • Site amenities relocation • Traffic control to facilitate truck movements on The Boulevarde, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table below.

Date / time	Details of out-of-hours work
Standard construction hours	• Site investigations, surveys and associated activities • Delivery of plant and materials • De-vegetation and tree clearing throughout the rail corridor where required • Work related to security fence installation • Operation of transformers for testing and commissioning purposes, 24 hours/day at the Lakemba substation site • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms and buildings and installation of trackside equipment • Testing and commissioning of new communications and signalling systems
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for out-of-hours work • Operation of transformers for testing and commissioning purposes, 24 hours/day at the Lakemba substation site • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings. • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Testing and commissioning of new communications and signalling systems, including train testing

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, hi-rail vehicles, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to the rail corridor will receive further notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace/Alana** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **James** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Campsie

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Campsie Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Campsie (along the rail corridor)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Modification to the Duke Street footbridge including temporary closure with pedestrian detour via Beamish Street • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Work on Broughton Street bridge including temporary road closure from 7am-6pm between 8-12 January • Work on Wairoa Street bridge including temporary road closure from 7am-6pm between 15-19 January • Temporary removal of parking spaces adjacent to the rail corridor along North and South Parade • Work related to the Combined Services Route (CSR) within the corridor • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Around Campsie Station	• Completing building services and defect rectification • Finishing trades such as painting • Internal work and Installation of brackets and containments on station platform • Testing and commissioning work • Installation of brackets and containments on the station platform • Enabling work related to installation of mechanical gap fillers • Installation of cables, cable trays, cabinets and trackside equipment
Services building site at Lilian Lane opposite Dewar Street	• Local cabling for padmounts • Completing building services and defect rectification and minor building activities such as painting • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment • Electrical testing and commissioning work
Substation site (Off Lilian Street)	• Installation of cables and cable supports and various fitouts inside substation building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements on Lilian Street (if required) • Operation of transformers for testing and commissioning purposes, 24 hours/day

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table below.

Date / time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Site investigations, surveys and associated activities • Delivery of plant and materials • De-vegetation and tree clearing throughout the rail corridor where required • Work related to security fence installation • Modification to the Duke Street footbridge, including temporary closure with pedestrian detour via Beamish Street • Work related to security fence installation • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms and buildings and installation of trackside equipment and cable work • Testing and commissioning of new communications and signalling systems
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Operation of transformers for testing and commissioning purposes at the Campsie substation site, 24 hours/day • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Testing and commissioning of new communications and signalling systems

Equipment used for the above work will include heavy machinery (including but not limited to excavators, trucks, hi-rail vehicles, hydraulic ram, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to the rail corridor will receive further notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Canterbury

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Canterbury Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Canterbury (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Galvanised steel troughing (GST) strapping and electrical work within rail corridor • Modification work at Church Street footbridge including temporary closures of Church Street footbridge. (Pedestrian diversions via Church Street, Tincombe Street, Canterbury Road and the public footpath between the rail corridor and the former Canterbury Bowls Club) • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Around Canterbury station	• Installation of brackets and containments • Enabling work related to installation of mechanical gap fillers • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment
Former Bowling Club	• Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Temporary parking impacts on Close Street • Vegetation management
Substation site off Hutton Street	• Installing cables, cable supports, and mechanical and electrical fitout inside traction substation • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements on Hutton Street (if required) • Operation of transformers at the Canterbury substation for testing and commissioning, 24 hours/day

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table on the next page.

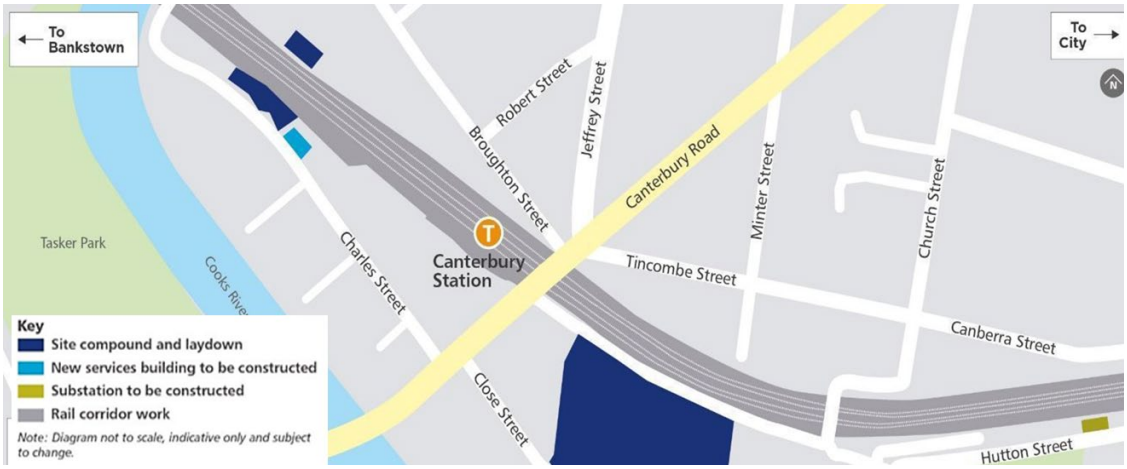
Date / Time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Modification work at Church Street footbridge including temporary closure of Church Street footbridge and temporary removal of parking along Church Street cul-de-sac. Pedestrian diversions via Church Street, Tincombe Street, Canterbury Road and the public footpath between the rail corridor and the former Canterbury Bowls Club • Work related to security fence installation and combined services routes (CSR) within the corridor • Storage and removal of materials and plant • Light and electrical containment installation and building services on platform and pedestrian ramp • Demobilisation of amenities from carpark • Ongoing termination and testing work at services building • Temporary power supply for metro service building using a generator, 24 hours/day • High voltage cabling and other electrical installation work along rail corridor and at substation • Local cabling, mechanical and electrical fit out works for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the Canterbury substation site for testing and commissioning purposes, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms and buildings and installation of trackside equipment and cables • Testing and commissioning of new communications and signalling systems
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Temporary power supply for metro service building using a generator around the clock • Installation of brackets on station platform and fit out of station equipment rooms and buildings • Fit and strap covers to GST along rail corridor • Delivery of voltage limiting device (VLD) and negative cabling work • Installation of trackside equipment and cables • High voltage cabling and other electrical installation activities • Local cabling, mechanical and electrical fit out work for padmounts at the services buildings • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at Canterbury substation for testing and commissioning, 24 hours/day • Testing and commissioning of new communications and signalling systems

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24-hour community information line). If you have questions about the **substations** please ask for **Grace** or email LinewideMetro@transport.nsw.gov.au For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.



If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Dulwich Hill

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Dulwich Hill Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Dulwich Hill (along the rail corridor)	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Internal work at the station platform • Testing and jointing work, and testing and commissioning activities • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Around Dulwich Hill Station	• Installation of cladding on pedestrian footbridge • Minor defect rectification on platform • Enabling work related to installation of mechanical gap fillers • Installation of brackets and contaminants on the station platform • Installation of cables, cable trays, cabinets and trackside equipment
Services building site at Ewart Lane	• Cabling for padmounts, ongoing termination work and testing • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Local cabling, mechanical and electrical fit out work for padmount services buildings
Substation site (off Randall Street behind Albermarle Street, Marrickville)	• Installation of cables, cable supports and cable tray structure, and mechanical and electrical fitout inside traction substation building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements from Livingstone Road into Randall Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table below.

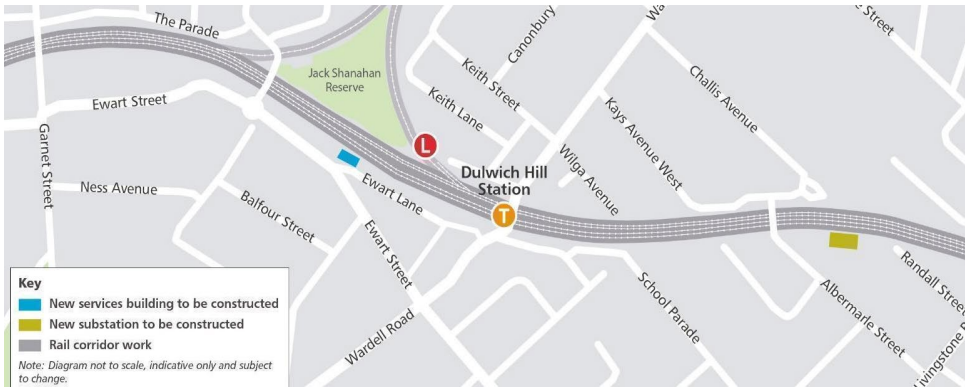
Date / time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Minor defect rectification work around the station platform • Installation of services within platform building rooms and ceiling spaces • Asphalting and commissioning work around the services building • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Installation of brackets and containments on the station platform • De-vegetation and tree clearing throughout the rail corridor where required • Work related to security fence installation • Operation of transformers at the Dulwich Hill substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms • Testing and commissioning activities, including testing new communications and signalling systems
Mid-week work between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Delivery and installation of electrical units and cabling, including cable pulling and installation of fibre cables • Delivery of voltage limiting device (VLD) and negative cabling work • Operation of transformers at Dulwich Hill substation site for testing and commissioning, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Testing and commissioning of new communications and signalling systems

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to the rail corridor will receive notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au. **Thank you for your cooperation while we complete this essential work.**



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Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

Notification – Hurlstone Park

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Station will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Hurlstone Park Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Hurlstone Park (along the rail corridor):	• Installation of fencing, cables and cable service route (CSR) including cable pulling • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Around Hurlstone Park Station	• Utilisation of access gates and laydown areas at Keir Avenue, The Parade, Ewart Street, Railway Street and Foord Avenue • Delivery of construction plant and material • Footpath closures for footpath work, with pedestrian and traffic detours in place and traffic control • Enabling work related to installation of mechanical gap fillers • High level containment work for electrical and communication services • Ceiling work at the station concourse and on stairs • Site shed layout adjustments as required to facilitate construction work, resulting in some traffic impacts • Landscaping and defect rectification work • Installation of brackets and contaminants on the station platform, and installation of cables, cable trays, cabinets and trackside equipment
Services building site off Railway Street	• Site investigations, surveys and associated activities • Delivery of construction plant and materials • Installation of fencing, cables, and cable service route (CSR) and troughing • Work associated with installation of future boundary fences • Minor roofing, wall cladding work and landscaping • Services connections for chiller units • Services installation within building structures including cladding and doors to progress building work • Site shed layout adjustments as required to facilitate construction work, resulting in some traffic impacts • Ongoing termination work, cabling, and mechanical and electrical fit out work at the services building and padmounts • Mechanical testing work • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of cables, cable trays, cabinets and trackside equipment
Substation site, off Hutton Street	• Installation of cables and cable supports, and mechanical and electrical fitout inside substation building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements on Hutton Street, if required • Operation of transformers for testing and commissioning purposes, 24 hours/day

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table below.

Date / Time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • De-vegetation and tree clearing throughout the rail corridor where required • Work related to security fence installation • Installation of brackets and containments on the station platform • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • High voltage cabling and other electrical installation work in rail corridor and at substations • Voltage limiting device (VLD) negative cabling work • Delivery and installation of VMD units and cabling • Operation of transformers at the substation site for testing and commissioning, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of fibre cables, trackside equipment and cabling work in the rail corridor and station • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms • Testing and commissioning of new communications and signalling systems • Landscaping work and installation of gates and fencing at metro services building site • Building work on Platform 2
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities. • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Operation of transformers at the substation site for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Testing and commissioning of new communications and signalling systems

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace** or email linewideMetro@transport.nsw.gov.au. For all other work please ask for **Julie** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

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If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Lakemba

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Lakemba Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Lakemba (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Cable installation, testing and jointing and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Around Lakemba station (Railway Parade and The Boulevarde):	• Delivery of plant and material including storage and removal as required • Temporary footpath and lane closures at Railway Parade and The Boulevarde near the station. Signage and traffic control will be in place for the safety of workers and the public • Use of elevated work platforms for work at Railway Parade and The Boulevarde station entry • Installation of brackets and contaminants and internal work on station platform • Electrical fit-out, cable installation, mechanical installation, containment and minor civil work on platform area, platform buildings, and on concourse • Installation of cables, cable trays, cabinets and trackside equipment • Installation of brackets and containments on the station platform • Enabling work related to installation of mechanical gap fillers
Services building site on Railway Parade near Bellevue Avenue:	• Concrete work, electrical work, cable installation, cladding, mechanical services installation and security installation • Temporary closure of car parking area on Railway Parade for reinstatement and landscaping • Ongoing termination and cabling work • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Lakemba substation, off The Boulevarde, near Taylor Street:	• Installation of perimeter fence • Installation of cables, cable supports, conduits, transformers and mechanical and electrical fit out • Landscaping including planting and maintenance of new trees and shrubs • Site amenities relocation - Traffic control to facilitate on The Boulevarde as needed • Operation of transformers for testing and commissioning purposes, 24 hours/day

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table below.

Date / Time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to security fence installation • De-vegetation and tree clearing throughout the rail corridor where required • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day • Delivery of plant and material including storage and removal as required • Temporary footpath and lane closures will be in place when required at Railway Parade and The Boulevarde near the station. Signage and traffic control will be in place for the safety of the public • Use of elevated work platforms for work at Railway Parade and The Boulevarde station entry • Use of crane lifts along Railway Parade • Installation of brackets and contaminants and internal work on station platform • Electrical fit-out, cable installation, mechanical installation, containment and minor civil works in platform area, platform buildings, and on the concourse • Installation of equipment, cables, cable trays and cabinets • Testing and commissioning of new communications and signalling systems
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day • Testing and commissioning of new communications and signalling systems

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Marrickville

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Marrickville Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Marrickville (along the rail corridor):	• De-vegetation and tree clearing throughout the rail corridor where required • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for out-of-hours work • Work related to overhead wiring upgrades • Various work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Investigations on Livingstone Road bridge including lane closures and removal of parking and bike lanes • Modification to Victoria Road rail underpass including lane closures and removal of parking and bike lanes • Testing and jointing cables within the rail corridor • Fit and strap covers to galvanised steel troughing (GST) • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Around Marrickville Station	• Installation of brackets and containments on the station platform • Enabling work related to installation of mechanical gap fillers • Fibre cabling installation and internal work on the platforms
Services building site in the rail corridor, off Victoria Road	• High voltage power energisation • Testing and commissioning of the metro services building • Demobilisation from site and associated activities • Ongoing termination and cabling work • Local cabling, mechanical and electrical fit out work for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day
Substation site (off Randall Street behind Albermarle Street)	• Installation of cables, cable supports and cable tray structure as well as mechanical and electrical fitout inside traction substation building • Landscaping including planting and maintenance of new trees and shrubs • Traffic control to facilitate truck movements from Livingstone Road to Randall Street, as required • Operation of transformers for testing and commissioning purposes, 24 hours/day

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table over the page.

Date / Time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Rope and mandrel platform conduits and pulling cables • Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials • Investigations on Livingstone Road bridge and modification to Victoria Road rail underpass including lane closures and removal of parking and bike lanes • Work related to security fence installation • Pull testing of throw screen anchors under Illawarra Road bridge and ARTC Line • Delivery and installation of VMD units and cabling • Platform low voltage, electrical work, earthing cable and pit installation • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of trackside equipment, cables and trackside equipment • Signage installation at Illawarra Road bridge • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms • Testing and commissioning and asset handover to Sydney Trains and demobilisation from site • Platform 2 store room variation work and high earth resistance • Communications and low voltage pit lid replacement work • Voltage limiting device (VLD) cabling installation at station • Linewide high voltage energisation of padmount • Intertripping containment and cabling procurement and installation • Energisation of metro services building low voltage systems via padmount • Testing and commissioning of new communications and signalling systems
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to galvanised steel troughing along rail corridor • Fit out of station equipment rooms and buildings • Installation of trackside equipment, cables, high voltage cabling and other electrical work • Operation of transformers at the substation for testing and commissioning purposes, 24 hours/day • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Testing and commissioning of new communications and signalling systems

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au. **Thank you for your cooperation while we complete this essential work.**

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

Notification – Punchbowl to Bankstown

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and between Punchbowl and Bankstown Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Punchbowl to Bankstown (along the rail corridor)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Punchbowl and Bankstown Stations and surrounding areas & Concourse	• Platform and internal work at Punchbowl and Bankstown Stations, including station concourse areas • Piling work for the new metro platform at Bankstown Station • Installation of brackets on station platform • Rectification work for accessible toilet at Punchbowl Station • Rectification work for roof canopy for Lifts 1 and 3 at Punchbowl Station • Testing and commissioning work and minor defect rectification works • Installation of cables, cable trays, cabinets and trackside equipment
Services building site off Urunga Parade, adjacent to the rail line	• Ongoing termination work and minor defect rectification activities • Testing and commissioning of services • Local cabling, mechanical and electrical fit out work for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings
Punchbowl substation, off South Terrace near Scott Street	• Installation of perimeter fence • Installation of cables and supports, conduits, transformers, and mechanical and electrical fit out • Landscaping including planting and maintenance of new trees and shrubs • Site amenities relocation • Traffic control to facilitate truck movements on South Terrace, if required

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table below.

Date / time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Piling work for the new metro platform at Bankstown Station • Work related to security fence installation • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation site for testing and commissioning, 24 hours/day • Testing and commissioning of new communications and signalling systems
Mid week between 6pm and 7am (for no more than 3 nights per week)	• Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Operation of transformers at the substation site for testing and commissioning, 24 hours/day • Testing and commissioning of new communications and signalling systems

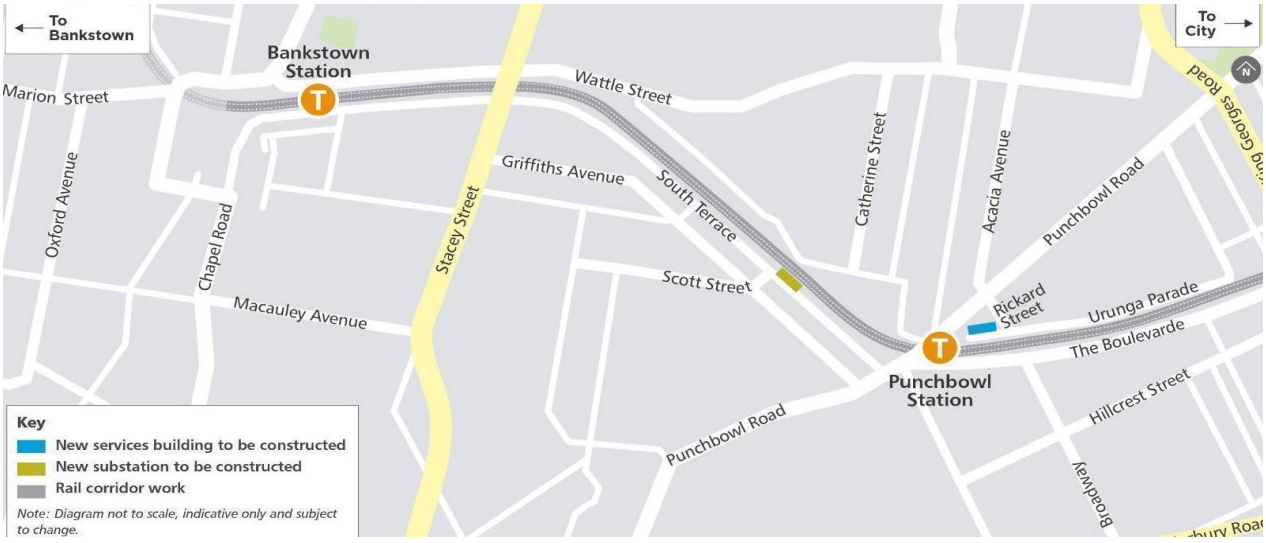
Equipment used for the above work will include excavators, jack hammers, hi-rail vehicles, vacuum trucks, slashers, motorised saws, concrete trucks, sucker trucks, delivery vehicles, borehole drillers, rollers, generators, whacker packers, dump trucks, wood chippers, mulchers, grass cutters, telehandlers, crane trucks, drilling rigs, lifting machinery, elevated work platforms, bobcats, concrete pumps, cable pulling equipment, compactors, lighting towers, forklifts, chainsaw, water carts, vibrating plates, crane 400T, franna crane, elevated work platform, pumps, excavator and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers. **Where temporary footpath changes, car parking removal or lane closures are required for works, traffic control, pedestrian detours and signage will be in place to assist the community.**

Keeping you informed

Properties close to the rail corridor will receive notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.



1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

Notification – Wiley Park

December 2023 – January 2024

The T3 Bankstown Line between Sydenham and Bankstown Stations will be closed from Wednesday 27 December 2023 to Friday 26 January 2024 for metro upgrade work.

To maximise the amount of work that can be done when trains aren't running, work will continue along the rail corridor and at Wiley Park Station 24/7 throughout the rail shutdown.

All work activities are subject to relevant approvals. The map on page 2 shows location details.

We wish everyone a safe and happy holiday season and thank you for your patience and cooperation throughout 2023.

How this impacts you

Buses will replace trains during this time to ensure passengers can get where they need to go. You can plan your trip at transportnsw.info and on trip planning apps from mid-December. Kerbside changes will also be in place around affected train stations to allow for temporary bus zones. Please check signage before parking your car.

Location	Details of work during the rail shutdown – 24/7 from 27 December 2023 to 26 January 2024
Wiley Park (along the rail corridor)	• Site investigations, surveys and associated activities • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Work related to overhead wiring upgrades • Work related to the segregation and security fence installation within the rail corridor • Parking removal and lane closures to facilitate plant/truck operation, parking and access at various rail access gates along the corridor • Track related construction activities • Cable installation and temporary removal of trackside equipment • Testing and commissioning of new communications and signalling systems
Wiley Park Station	• Testing and commissioning activities • Defect rectification work • Adjustment of cable containment under the station concourse and along the rail corridor • Local cabling, mechanical and electrical fit out works for padmounts • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Ongoing termination and cabling work at the services buildings • Installation of cables, cable trays, cabinets and trackside equipment • Installation of brackets and containments on the station platform • Enabling work related to installation of mechanical gap fillers

Planned work during the remainder of December 2023 and January 2024

Before and after the shutdown, work will continue during standard construction hours, Monday to Friday 7am to 6pm and Saturday 8am to 6pm. Due to the nature of some activities and for the safety of workers, some work will also be completed outside of standard hours, including at night. Planned out-of-hours work following the shutdown are detailed in the table below.

Date / Time	Planned work during the remainder of December 2023 and January 2024
Standard construction hours	• Testing and commissioning activities • Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • De-vegetation and tree clearing throughout the rail corridor where required • Work related to security fence installation • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Installation of equipment, cables, cable trays and cabinets in the station equipment rooms • Testing and commissioning of new communications and signalling systems
Mid-week between 6pm and 7am (for no more than 3 nights per week)	• Site investigations, surveys and associated activities • Delivery of plant and materials including preparatory activities for upcoming out-of-hours work • Fit and strap covers to GST along the rail corridor • Operation of generators for testing and commissioning of padmount transformers, 24 hours/day • Testing and commissioning of new communications and signalling systems

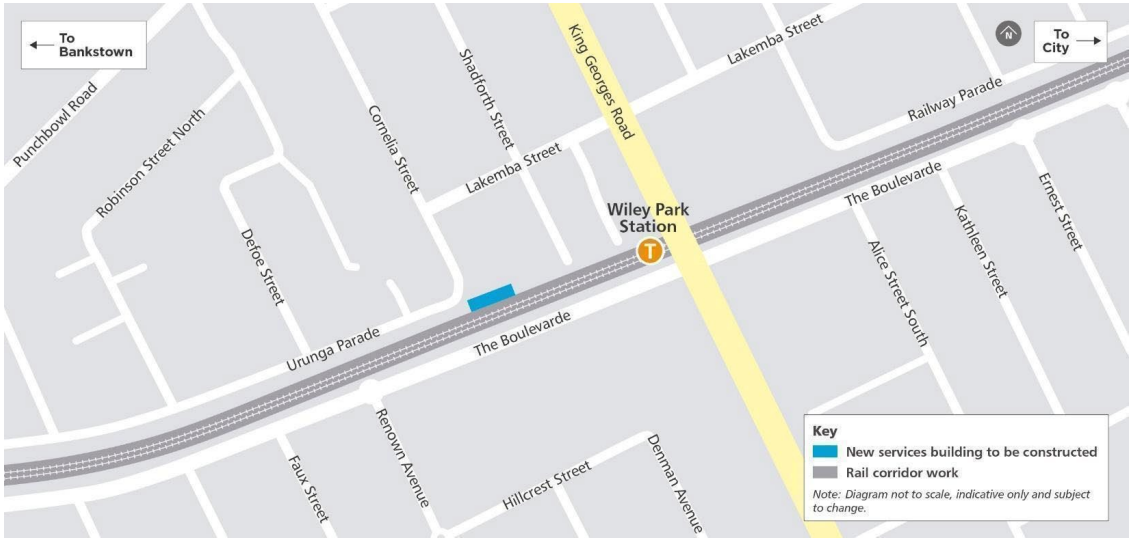
Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, hi-rail vehicles, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to the rail corridor will receive notifications before construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Grace** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.



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Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

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EPL 21147
R4.4 Validation Report

SWMC WE32

Installation of Segregation Fence; Security Fence auguring, post and Panel/mesh screens; OHW boom replacement; GST Installation; Installation of Brackets at Stations; Bankstown upper platform construction; Cabling and Trackside Equipment.

Document and Revision History

Document Details	
Title	R4.4 Validation Report
Client	Sydney Metro City & Southwest
JHLOR JV contract no.	K44

Revisions

Revision	Date	Description	Prepared by	Reviewed by
00	15/02/2024	Prepared for R4.4	Zhengyi Zhang	Andre Kruize

Management reviews

Review date	Details	Reviewed by

Controlled:	NO	Copy no.:	Uncontrolled:	YES

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R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail: **3**

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2. A copy of the community notification required under Condition L5.12 4
3. Noise monitoring as required by L5.8(d) 4
4. Details of any exceedances of predicted noise levels; 4
5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite 4
6. The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1. 5

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight. **5**

Attachment 1 – Noise Monitoring Results **6**

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Attachment 3 – Calibration Certificate ..... Error! Bookmark not defined.

Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 for out-of-hour works carried out over 3rd and the 4th of February during Weekend 32 Rail Possession (WE32) over 2 days. Works was carried under condition L5.6 - Local Possessions at the following locations;

- Sydenham Station repairs platform 1 & 2 edge tiles.
- Segregation fence From Marrickville to Belmore Station – drilling for bolts & panel installation
- Security fencing – augering of holes, post & panel installation at various locations through corridor
- Minor CSR activities. Installation of shallow GLT in ballast/CESS at various locations. Installation of local routes for new corridor gates
- Stations - Platform brackets
- Bankstown station activities
  - Concrete pour for new platform foundation beam
  - Removal of ballast retaining wall
  - GST installation (up track) on batter alongside old station platform.
- Replacement of overhead boom sections on existing portal structures
- Train stop suppression & restoration work. Tech related works
- Installation of Cabling and Trackside Equipment throughout corridor

Refer to **Attachment 1** for monitoring results.

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail:

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The assessment prepared for the works included modelling for the following plant and equipment:

- Excavators 3T, 6 and13T (inc jack hammer attachments)
- Balloon tyre dump trucks (Hydrema)
- Light vehicles
- Trucks
- Payloader
- Handheld powered and non-powered tools
- Vac Trucks
- EWP/telehandler
- Front-end loader
- Concrete truck and line pump
- Portable Generators
- Compressors
- Compactor
- Bogie
- Water pumps
- 4T Dumpy
- Site lights

2. A copy of the community notification required under Condition L5.12

A copy of the community notification required under Condition L5.12 is appended as **Attachment 2**.

3. Noise monitoring as required by L5.8(d)

WE17 noise monitoring was carried out at 7 locations on the perimeter of the rail corridor:

a. (HEX438) 21m N of 17 Warburton St, Marrickville 04/02/24
b. (HEX425) 14m N of Kays Ave East, Dulwich Hill 04/02/24
c. (HEX184) 10m N of 73 Ewart St, Dulwich Hill 04/02/24
d. (HEX330) 18m S of 74-76 Floss St, Hurlstone Park 04/02/24
e. (HEX450) 13m NW of 25-29 Loftus St, Campsie 04/02/24
f. (HEX412) 26m S of 17 Railway Pde, Lakemba 04/02/24
g. (HEX331) 15m S CNR of Alice and Railway Parade Wiley Park 04/02/24
h. (HEX183) 30m N of 232 South Terrace, Bankstown 04/02/24

Refer to **Appendix 1** for noise monitoring results.

4. Details of any exceedances of predicted noise levels;

Noise (LAeq 15min) data was collected at the 8 locations over the 04 Feb 2024 day shift and assessed. Where there were exceedances the recording taken by SiteHive was reviewed and the source of noise assessed. Freight trains operating in the vicinity of the SiteHive loggers impacted the data at some locations. This is denoted in the noise monitoring results in **Appendix 1**.

During WE32, there were no exceedances of the noise predictions due to construction activity.

5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The following noise mitigation measures are implemented:

- Source noise controls include mufflers fitted to exhausts, regular maintenance of plant, acoustic enclosure of machinery on plant items, non-tonal reversing alarms fitted to plant.
- General community (monthly) notification.
- Specific notification to impacted residents no later than 7 days out
- Additional mitigation measures such as Alternative Accommodation and Respite Offers.
- Use of real time noise monitors at targeted work locations. Periodic desk top checks on data collected by the 8 real time monitoring instruments during work periods.
- On site mitigation instructions to crews:
    - No music, no dropping of objects
    - No shouting or unnecessary noise
    - Be respectful of neighbours when coming and going from site. As far as possible, avoid congregating near residential property boundaries.
    - Position plant as far from residents as possible and orientate them if possible, to emit noise on non-resident side.
    - Plant to be switched off when not in use.

6. **The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1.**

The works carried out on WE32 could only be safely conducted during a rail possession due to works occurring within the rail corridor. Works were completed in accordance with EPL Condition L5.6 (Local Possession). Carrying out the construction activities during standard construction hours (specified in L5.1) would cause unacceptable risks to construction personnel safety; rail passenger and railways personnel safety and railway network operational reliability.

All feasible and reasonable at-source noise controls were implements in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight.

This R4.4 Validation report has been submitted to EPA by no later than two business days after the end of the fortnight.

Attachment 1 – Noise Monitoring Results

- Monitoring Result
- Monitoring Location

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq, 15min at resident	Compliant	Comments
1	Location a (NCA01) 21m N of 17 Warburton St, Marrickville Continues Monitoring	04/02/2024	Day to Evening 7:00 to 22:00	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights	65 (Calculated highest LAeq in work period at the nearest resident is 62)	64	**YES**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (62 dB) is higher than the predicted level (64 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**
2	Location b (NCA02) 14m N of Kays Ave East, Dulwich Hill Continues Monitoring					67 (Calculated highest LAeq in work period at the nearest resident is 65)	64	**YES**	• RBL: 38 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 65 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (65 dB) is higher than the predicted level (64 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**
3	Location c (NCA02) 10m N of 73 Ewart St, Dulwich Hill Continues Monitoring					77	**38**[1]	**YES**	• RBL: 38 • The noise monitor recorded a highest LAeq15min value of 77 dB. This daytime noise level of 77 dB appears consistent with the actual background noise when there are no construction activities[2]. In this respect exceedance was considered not to be influenced by construction activities between the hours 07:00 to 22:00 • **Live ARTC freight train 25m from monitoring location**
4	Location d (NCA03) 18m S of 74-76 Floss St, Hurlstone Park Continues Monitoring					68 (Calculated highest LAeq in work period at the nearest resident is 64)	57	**YES**	• RBL: 38 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (64 dB) is higher than the predicted level (57 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**
5	Location e (NCA07) 13m NW of 25-29 Loftus St, Campsie Continues Monitoring					55	61	**YES**	• RBL: 41 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (55 dB) is higher than the predicted level (61 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**
6	Location f (NCA08) 26m S of 17 Railway Pde, Lakemba Continues Monitoring					58	47[1]	**YES**	• RBL: 47 • LAeq15min above the predictions, however the exceedance did not change additional mitigation measures. • Noise monitor detect highest LAeq15min value of 58 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (58 dB) is higher than the predicted level (47 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**
7	Location g (NCA09) 15m S CNR of Alice and Railway Parade Wiley Park Continues Monitoring					60	75	**YES**	• RBL: 44 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 60 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (60 dB) is higher than the predicted level (75 dB) • **Predicted noise levels (Day shift works) in this area triggered offers for Respite.**
8	Location h (NCA12) 30m N of 232 South Terrace, Bankstown Continues Monitoring					61	64	**YES**	• RBL: 54 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 61 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (61 dB) is higher than the predicted level (64 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**

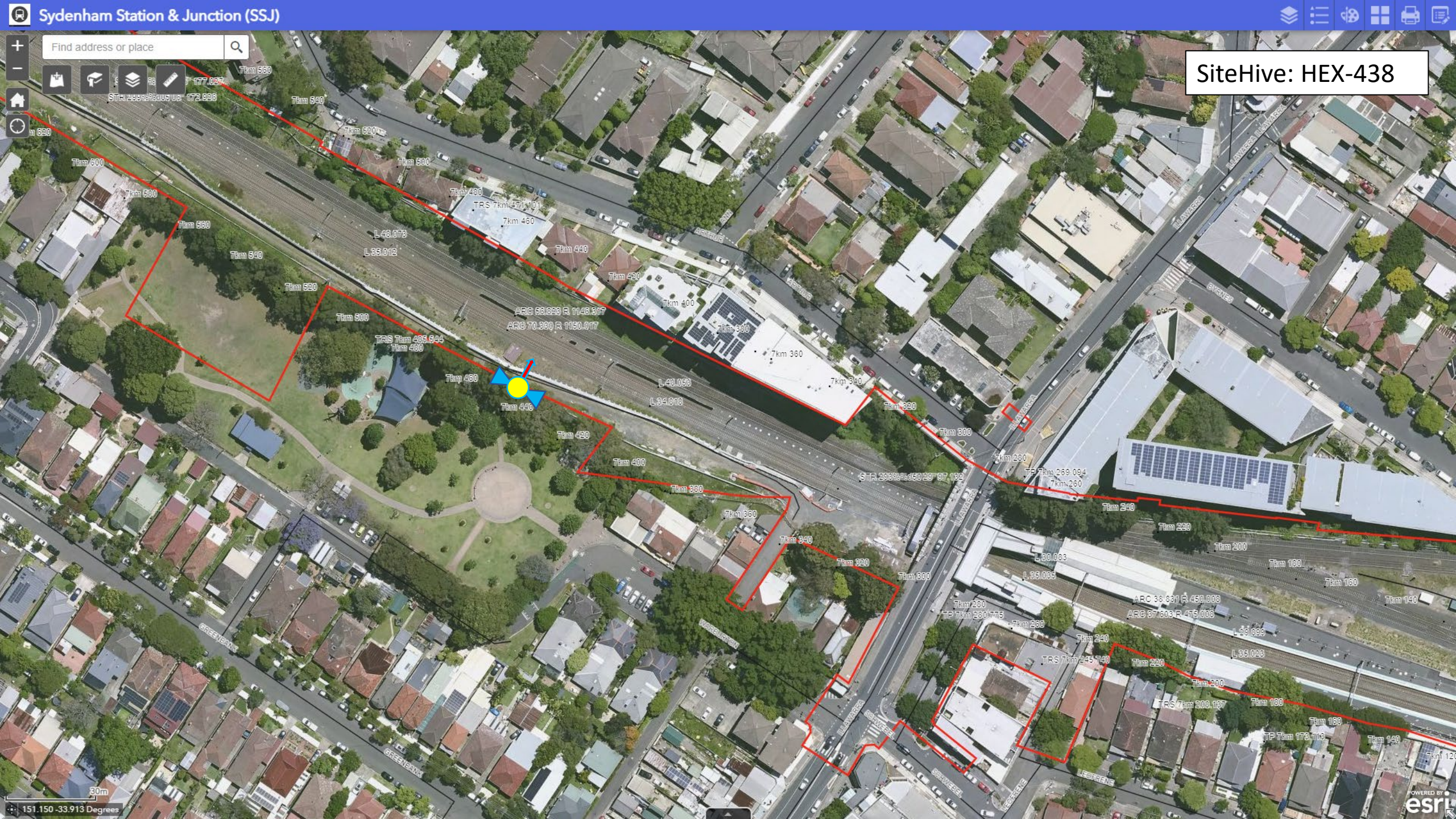
[1] The predicted noise level is lower than the RBL, JHLOR related construction activities is far away.

[2] Continues Monitor has been deployed during 26 Jan 2024 to 02 Feb 2024 to collect background noise level without any construction activities at **Monitoring Location c (NCA02) 10m N of 73 Ewart St, Dulwich Hill**.

Background data shows the actual background noise level at the monitoring location is below:

- 07:00 to 22:00: 71 dB
- 22:00 to 07:00: 71 dB

The actual background noise level is directly related to ARTC freight train.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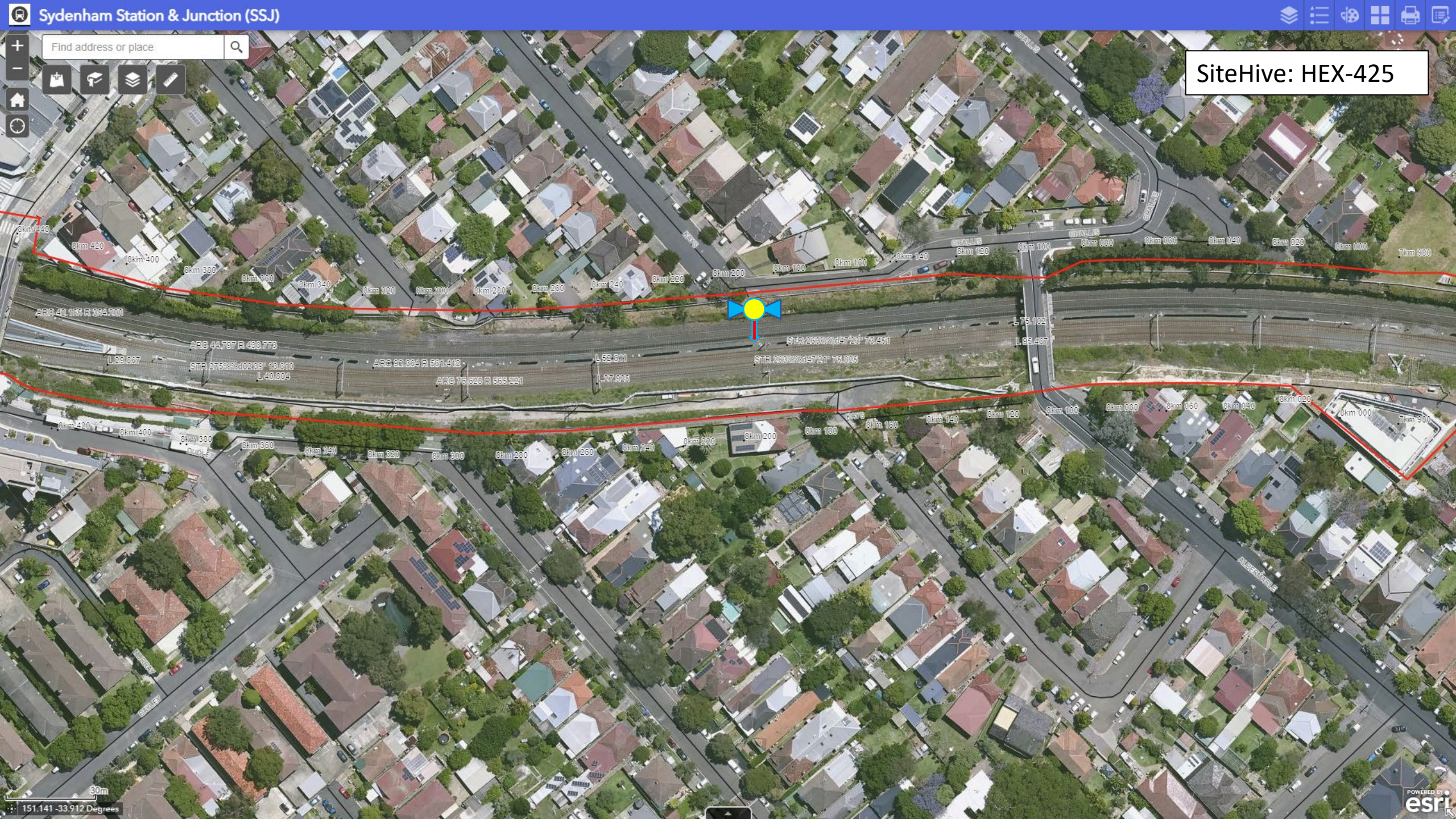
esri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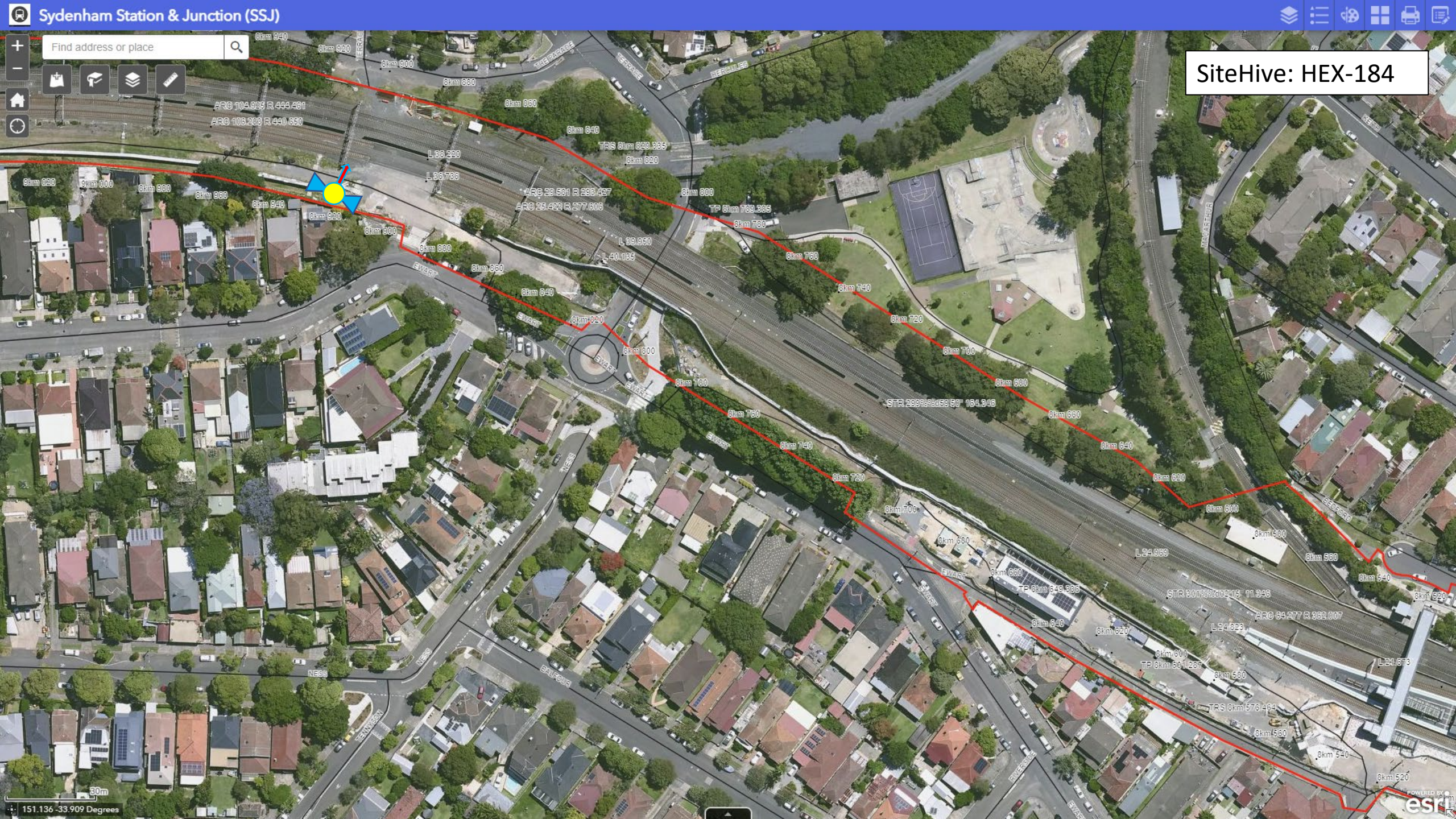
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SiteHive: HEX-184
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Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-331
15km 560
15km 580
15km 600
15km 620
15km 640
15km 660
15km 680
15km 700
15km 720
15km 740
15km 760
L 38.744
STR 249%%d34'57" 13.521
L 24.786
ARC 8.654 R 800.033
L 25.448
TP 15km 586.711
TRS 15km 625.018
TRS 15km 633.672
THE BOULEVARDE
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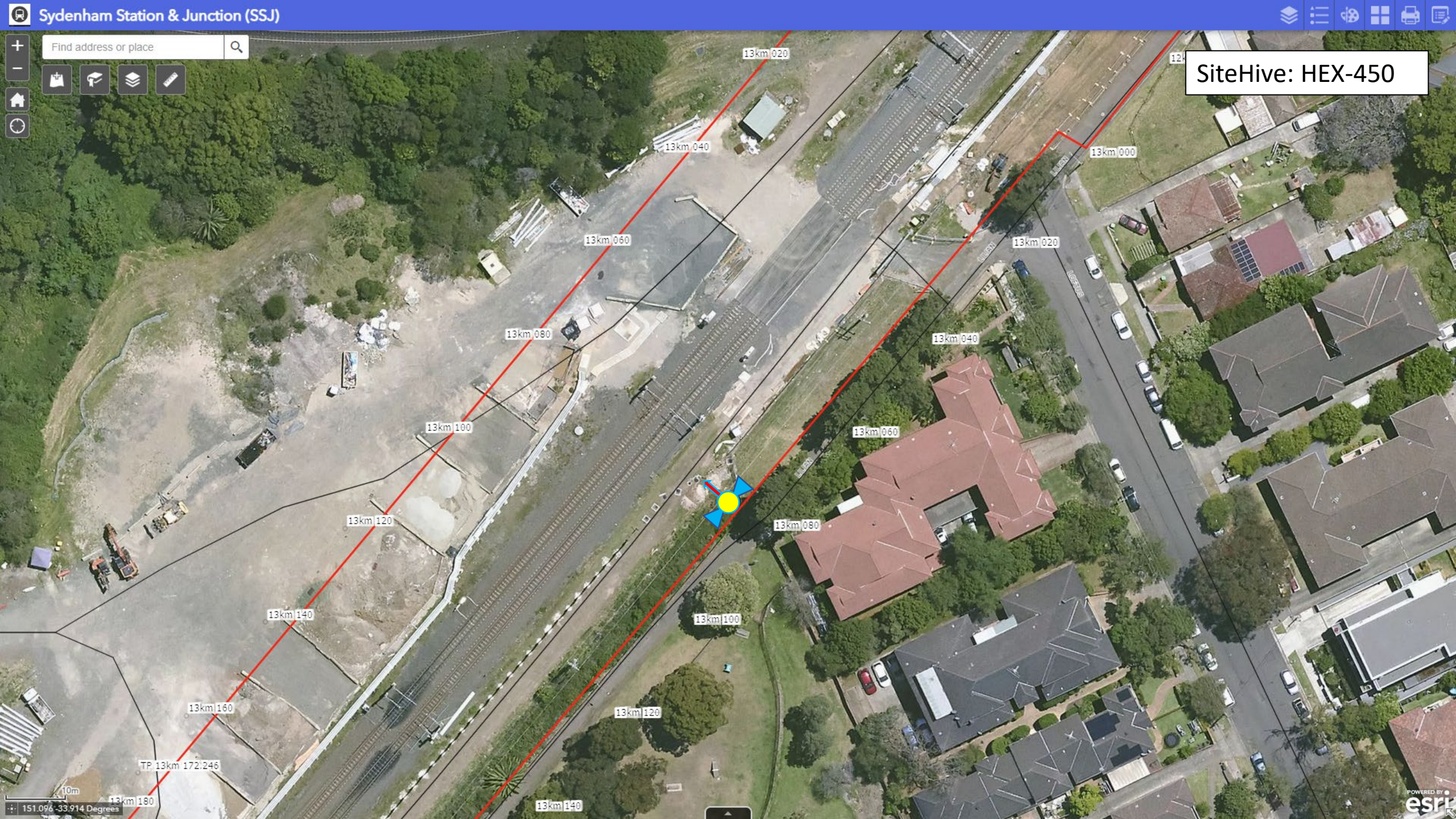
10m
151.072 -33.922 Degrees
esri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13km 160
13km 180
13km 000
13km 020
13km 040
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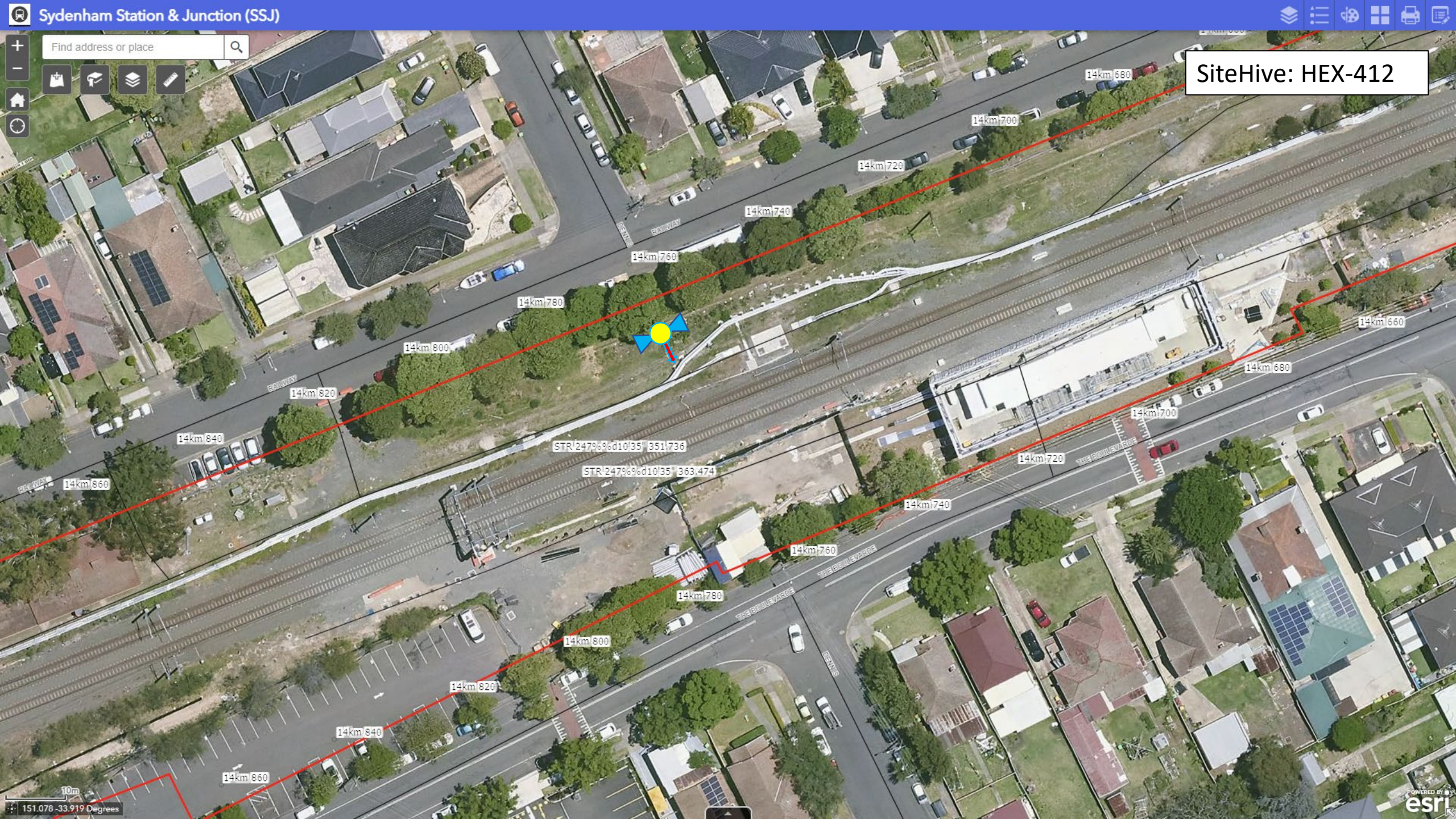
13km 140
TP 13km 172.246
10m
151.096 -33.914 Degrees
POWERED BY esri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14km 800
14km 820
14km 840
14km 860
14km 660
STR 247%%d10/35" 351,736
STR 247%%d10/35" 363,474
THE BOULEVARDE
RAILWAY
10m
151.078 -33.919 Degrees
esri

Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-330
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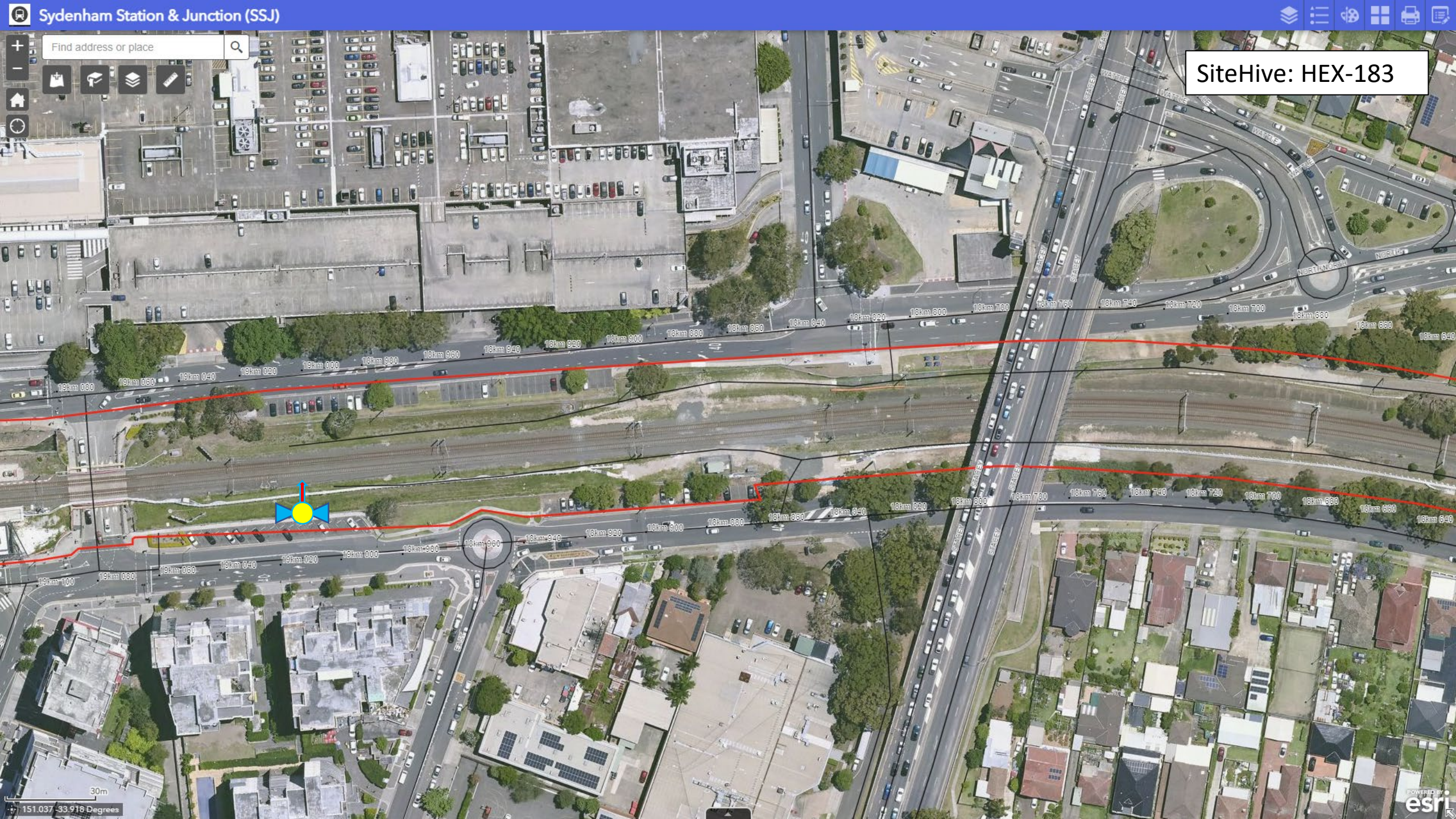
30m
POWERED BY esri


Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-183
30m
151.037 -33.918 Degrees
esri

Attachment 2 – Community Notification

Community Notifications were provided to residents of:

- Sydenham
- Marrickville
- Canterbury
- Hurlstone Park
- Dulwich Hill
- Campsie
- Belmore
- Wiley Park
- Punchbowl to Bankstown

Please refer to the following community notifications for works.

Notification – Marrickville

February 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Marrickville Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Marrickville (along the rail corridor):	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Modification to Livingstone Road bridge including periodic lane closures and removal of the parking lane along Livingstone Road bridge, involving temporary parking removal along the southern side of Marrickville Avenue adjacent to the rail corridor • Excavation, pilling and installation of fencing within the rail corridor, involving removal of parking along Warburton Street between Illawarra Road and Wooley Lane and Wooley Lane between Warburton Street and the rail corridor from **5pm Wednesday 1 Feb to 6pm Monday 6 Feb**
Around Marrickville Station	• Delivery, storage and removal of materials and plant through Wooley Lane, Riverdale Avenue and Victoria Road • Service and utility work including excavating and trenching around the platforms • Installation of fencing, cable service routes and galvanised steel troughing • Installation of high-level service containment to platforms and buildings • Electrical work at bike storage, platforms and around the station • Reconstructing the pedestrian path between Riverdale Avenue and Victoria Road • Truck movements through Wooley Lane Gate to clean the area • Footpath work: the footpath and cycleway between Station Street and Victoria Road remains closed • Service Equipment Building cabinet work • Ausgrid supply connection on Station Street
Services building site in the rail corridor, off Victoria Road	• Delivery, storage, and removal of materials and plant • Installation of cabinets in the services building • Installation of fencing to the perimeter of the building • Installation of building services and equipment • Concreting work to the east of the building on Victoria Road • Excavation of MSB driveway • Victoria Road footpath work • Concrete truck deliveries and concrete pumps • Testing and commissioning of the MSB using a generator
Substation site (off Randall Street behind Albermarle Street)	• Site mobilisation including using sections of Randall Street • Traffic control to facilitate truck movements from Livingstone Road into Randall Street • Installing facade panels, building columns, perimeter columns, glazed tiles on facade panels and anti-graffiti paint, and galvanised steel troughing (GST) • Installing cables, cable supports, cable tray structure as well as mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Installing streetscaping including driveways, kerbs, and footpaths, plus landscaping

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.*

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table:

Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Excavation, pilling and installation of fencing within the rail corridor, which will result in the removal of parking along Warburton Street between Illawarra Road and Wooley Lane and Wooley Lane between Warburton Street and the rail corridor from **5pm Wednesday 1 Feb to 6pm Monday 6 Feb**

Upcoming rail possessions:
 	
Friday 3 February to Sunday 5 February 2023
	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor
	• Installing facade wall panels at the Dulwich Hill substation at the end of Randall Street
	• Installation of cabinets and cabinet works in the station equipment rooms
	• Removal of redundant over-head-wire footings and structures
	• Excavation, pilling and installation of fencing within the rail corridor including removal of parking (see details in section above)
	• De-vegetation and tree clearing throughout the rail corridor where requires
	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing
	• Cable pulling along the rail alignment including periodic lane closures on Victoria Road between Charlotte Avenue and Victoria Road
	• Modification to bridges along the alignment at Livingstone Road including:
	  ○ Temporary periodic lane closures and removal of the parking lane along Livingstone Road bridge
	  ○ Temporary parking removal along the southern side of Marrickville Avenue adjacent to the rail corridor. Access to properties will be maintained at all times
	• Installation of throw screens
	• Reinstatement of Galvanised steel troughing (GST)
	• Installation of stormwater pits on Platform 2
	• Excavation and concrete work across Sydney Trains track
	• Earthing of radio mast

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au.

For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

Notification – Dulwich Hill

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Dulwich Hill Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Dulwich Hill (along the rail corridor)	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities and fencing • De-vegetation and tree clearing throughout the rail corridor where required • Installation of fencing, cable service routes, galvanised steel troughing (GST) and rail access pads • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Around Dulwich Hill Station	• Excavation, concrete and landscaping works within precinct area • Precinct drainage and walkway construction • Installation of remaining footbridge elements from Bedford Crescent • Installation of glazing to footbridge • Services and fit-out works to new footbridge • Delivery & installation of new lift equipment to footbridge • Construction of new platform rooms under footbridge • Installing cable steel structure equipment at Dulwich Hill Station
Services building site at Ewart Lane	• Installation of stormwater drainage, landscaping and hardscaping • Installation of external façade and solar panels to roof • Internal building fit-out work • Delivery of material and plant via Ewart Lane • Scaffold installation and removal
Substation site (off Randall Street behind Albermarle Street, Marrickville	• Site mobilisation including using sections of Randall Street • Traffic control to facilitate truck movements from Livingstone Road into Randall Street • Installing facade panels, building columns, perimeter columns, glazed tiles on facade panels and anti-graffiti paint, and galvanised steel troughing (GST) • Installing cables, cable supports, cable tray structure as well as mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Installing streetscaping including driveways, kerbs, and footpaths, plus landscaping

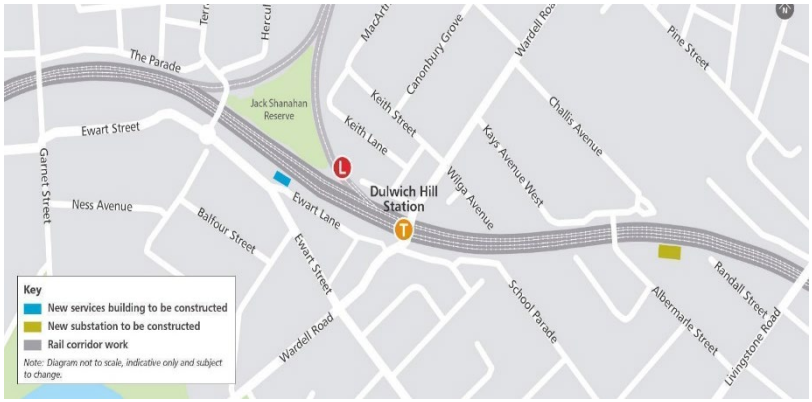
**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.*

Out-of-hours work
Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table:

Date / time	Details of out-of-hours work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable pulling within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor • Installing cable steel structure equipment and façade wall panel at Dulwich Hill substation • Removal of redundant over-head-wire footings and structures • Excavation, pilling and installation of fencing within the rail corridor including: • Temporary lane closures and removal of parking along Terrace Road between Hercules Street and Ewart Street • Installation of Roofing and Structural Steel to new footbridge • Installation of Galvanised Steel Troughing (GST) and posts • Removal of safety netting around footbridge • Installation of new underground services in precinct area, including excavation, rock breaking and trenching work • Drainage works to plaza area • Roofing works to existing concourse building • Delivery of material to platform hoarding area • Trackside equipment footings

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Claire** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

Notification – Hurlstone Park

February 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Hurlstone Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Hurlstone Park (along the rail corridor):	• Cable pulling within the rail corridor • Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of construction plant and material • Removal of trees, vegetation and asbestos as required • Installation of fencing, overhead wire protection, cables and cable service route (CSR) and galvanised steel troughing (GST) • Work associated with installation of future security fences (boundary fence) and installation of segregation fence • High voltage (HV) relocation work • Installation of bridge throw screens • Modification works to bridges at Church Street footbridge including temporary removal of parking along the Church Street cul-de-sac
Around Hurlstone Park Station	• Use of access gates and laydown areas at Keir Avenue, The Parade, Railway Street and Foord Avenue • Delivery of construction plant and material • Asphalting, drainage, and concreting work • Installation of balustrades and associated glazing work, including artwork • Work on Duntroon St to facilitate HV relocation work • Paving work around concourse area • Galvanised steel troughing (GST) work • High level containment works for electrical, communication and other services • Ceiling and glazing work at concourse and on stairs • Platform fencing work and platform equipment installation • Line marking and footpath work within the station precinct (for taxi, disabled and kiss & ride parking) resulting in temporary loss of parking on Floss Street and Duntroon Street • Construction work to city side of Duntroon Street bridge, platform finishing works and pavements to back of platform 2 • Footpath closures, including at proposed kiss and ride area
Services building site off Railway Street	• Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of construction plant and material • Installation of fencing, cables, and cable service route (CSR) and galvanised steel troughing (GST) • Work associated with installation of future security fence (boundary fence) • Service connections along Railway Street for Sydney Water assets requiring single lane closures with contraflow, traffic management controls will be in place as required to assist pedestrians and motorists • Installation of reinforcement materials around services building • Installation of structural steel, roofing for the services building, and wall cladding • Installation of chiller unit support structure and chiller units

Services building (cont.)	• Driveway slab construction • Stormwater tank construction and road pavement work • Jackhammering and excavation work to facilitate structures and services installation, with required dust and noise mitigation measures in place • Works on level 2 of the MSB structure including roof flashing and solar panel installation
Substation site, off Hutton Street	• Site mobilisation and excavations • Installing cables, cable supports, and cable tray structure • Traffic controllers to facilitate truck movements on Hutton Street • Installing glazed panels into the facade walls and anti-graffiti paint • Mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Installing streetscaping including driveways kerbs, and footpaths, plus landscaping

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.*

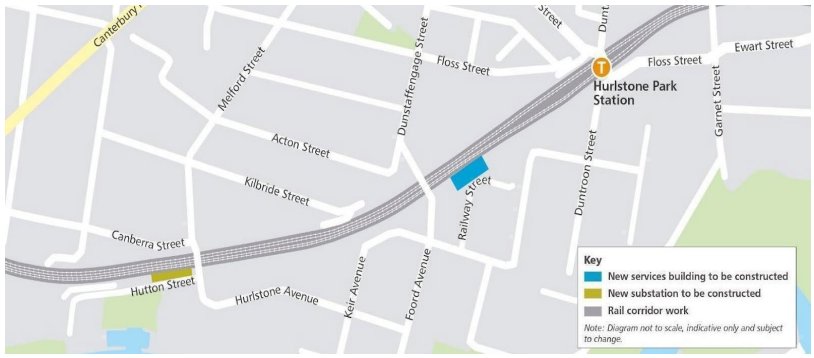
Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Planned out-of-hours work is detailed in the table below.

Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights/wk)	• Cable pulling within the rail corridor • Removal and reinstallation of anti-climb protection at Hurlstone Park and Canterbury stations • Installation of signal equipment and cable pulling • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete work associated with installing galvanised streel troughing, new cable routes, and bridge upgrades

Upcoming rail possessions:
 	
Friday 3 February to Sunday 5 February 2023
	• HV cable jointing at Melford Street, Hurlstone Park
	• Cable pulling within the rail corridor
	• Installation of cable support equipment (traction negative bar) between the tracks at Hurlstone Park Station
	• Installation of cable service routes and culvert pits
	• Excavation, pilling and installation of fencing within the rail corridor including:
	  ○ Temporary lane closures and removal of parking along Foord Avenue bridge between Ewart Street and Hercules Street
	  ○ Temporary lane closures along Melford Street bridge between Canberra Street and Hutton Street and Canberra Street between Melford Street and Church Street
	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing
	• Delivery of lift equipment
	• Platform fencing work, bollard installation, glazing and artwork installation
	• Bridge throw screen installation and defect rectification
	• Operation of hi-rail plant and impacts to footpaths (including footpath closures)
	• Concourse ceiling and booking office cladding work
	• Galvanised steel trough installation

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.



Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email linewideMetro@transport.nsw.gov.au. For all other works please ask for **Hilda** or email SouthwestMetro@transport.nsw.gov.au. **Thank you for your cooperation while we complete this essential work.**

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Canterbury

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February work will continue along the corridor and at Canterbury Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Canterbury (along the rail corridor)	• Electrical work and cable pulling within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees and vegetation throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Modification works to bridges at Church Street footbridge including temporary removal of parking along Church Street cul-de-sac
Around Canterbury station	• Station equipment room cabinet work • Metro services building (MSB) work on Charles Street • Earthwork installation of drainage and combined services route, concreting work, steel work, cladding, cranage, brick and block work. A partial lane closure may be required during this period, signage and traffic control will be in place • Glazing of footbridge, safety fencing and stair canopy, and structural steel infill for footbridge glazing for motorised sliding door • Concourse civil work, retail cladding, platform fencing and work on the station buildings • Excavation, stormwater and power installation at Charles Street • Storage and removal of materials and plant • Broughton Street footpath and electrical work and furniture installation • Brickwork installation on Platform 0/1 • Installation of Louvre Doors for Condenser Unit Mechanical Room • Installation of Lift 1 and 2 Equipment • Electrical containment installation on Platform 0/1 & 2 and Pedestrian Ramp • Installation of Light Fittings and Building Services on Platform 0/1 and 2 • Installation of Boundary Fencing and cable service route Ongoing work at the MSB including: • Brickwork, structural steel & cladding installation • Roofing, excavation, gutter and stormwater work • Installation of inground and above ground services and construction of driveway pavement • Installation of permanent fence posts and scaffolding installation and modification
Former Bowling Club	• Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Temporary parking impacts on Close Street
Substation site off Hutton Street	• Site mobilisation and excavations • Installing cables, cable supports, glazed panels into the facade walls and anti-graffiti paint • Traffic controllers to facilitate truck movements on Hutton Street • Mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Streetscaping including driveways kerbs, and footpaths, plus landscaping

Out-of-hours work
Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable pulling within the rail corridor • Removal and reinstallation of anti-climb protection at Hurlstone Park and Canterbury stations • Delivery of Motorised Sliding Doors on the concourse • Roofing work on Canterbury Road • Steel work on platform stairs canopy • Installation of signal equipment and cable pulling • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and materials
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Cable pulling within the rail corridor • Installing cable steel structure equipment at Canterbury substation (at Hutton Street, Hurlstone Park) • Electrical work at the station building • Disconnection and reconnection of low voltage station supply • Roofing work on the concourse and lifts • Glass installation work on stair canopy, concourse and footbridge • Structural steel work on the footbridge • Electrical containment and lighting work on the platforms • Excavation and concrete work for the piles on the Bankstown line and platforms • Earthworks around the Metro Service Building (MSB) • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Installation of cable service routes and culvert pits Excavation, pilling and installation of fencing within the rail corridor, with impacts including: • Temporary lane closures along Melford Street bridge between Canberra Street and Hutton Street • Temporary removal of approximately 10 parking spaces along Broughton Avenue intersection with John Street • Modification to bridges along the alignment at Wairoa Street Bridge including temporary road closure on Wairoa Street between South and East Parade. Road diversions will be in place. Northern side diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern side diversions will be via South Parade and Beamish Street

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24-hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

Notification – Campsie

February 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Campsie Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Campsie (along the rail corridor)	• Installation of cabinets and cabinet work • Cable pulling within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees and vegetation throughout the rail corridor where required • Installation of over-head wire protection, fencing, cable service routes, galvanised steel troughing (GST) and culvert upgrades • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Around Campsie Station	• Concourse structural steel canopy and preparation for waterproofing • Remediation on existing concourse structure and steel beam replacement • Installation of bike hoops • Continuation of concourse building services and fit out work • Local footpath and traffic control establishments to facilitate the work • Ongoing platform services work • Continued management and modifications of hoardings and work zones
Services building site at Lilian Lane opposite Dewar Street	• Continuation of MSB building work • Begin internal building services fit out of the MSB • Preparation for landscaping and fencing work • Local footpath and traffic control establishments to facilitate the work
Substation site (Off Lilian Street)	• Installing glazed panels into the facade walls and anti-graffiti paint • Traffic controllers to facilitate truck movements on Lilian Street • Bulk power supply installs into the traction substation • Installing cables and cable supports • Installing streetscaping including driveways, kerbs, footpaths, and permanent fencing, plus landscaping • Mechanical and electrical fit out

From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts will be very low.

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Planned out-of-hours work is detailed in the following table.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable pulling within the rail corridor • Installation of signal equipment and cable pulling • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete works associated with installing galvanised streel troughing and new cable routes
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installation of cable support equipment (traction negative bar) between the tracks at Campsie Station • Cable pulling within the rail corridor at Campsie • Concourse structural steel canopy and preparation for waterproofing • Remediation on existing concourse structure and steel beam replacement • Local footpath and traffic control establishments to facilitate the works • Continued management and modifications of hoardings and work zones • Installation of radio mast • Installation of cabinets and cabinet works in station equipment rooms • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Modification to bridges along the alignment at Wairoa Street bridge including: • Temporary road closure on Wairoa Street between South and East Parade. Road diversions will be in place. Northern side diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern side diversions will be via South Parade and Beamish Street

Equipment used for the above work will include heavy machinery (including but not limited to excavators, trucks, hydraulic ram, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to scheduled work will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Claire** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

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City & Southwest

Notification – Belmore

February 2023

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By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Belmore Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Belmore (along the rail corridor)	• Cable installation within the rail corridor • Installation of cabinets and cabinet works • Site investigations and surveys including (but not limited to) soil assessments, geotechnical investigations and surveys for drainage, utilities and fencing • Delivery of plant and material including associated activities • Installation of trackside equipment, fencing, cable service routes and galvanised steel troughing • Removal of trees and vegetation along the corridor where required
Around Belmore Station and at the services building site (off Redman Parade, adjacent to the rail line)	• Delivery of construction plant and material including associated activities • Installation of high-level containment light fittings on the platform and concourse • Installation of bi-fold doors on the concourse • Landscaping and road furniture works on both sides of the station precinct • Construction of pedestrian ramp and associated works to facilitate new taxi and kiss and ride parking on Tobruk Avenue. Traffic control and signage will be in place to assist with temporary traffic and pedestrian diversions • Security fencing and cable service route works including drilling and post installation • Metro services building (MSB) service connection works • Construction of new driveway and layback for Sydney Trains and MSB on Redman Parade including earthwork and form work • Asphalting and landscaping at the MSB
Lakemba substation, off The Boulevarde, near Taylor Street	• Detailed excavations, bringing in and removing materials • Reinstating the perimeter fence • Traffic control to facilitate truck movements on The Boulevarde • Installation of perimeter columns, facade panels, glazed tile panels, and anti-graffiti paint • Installing cables and cable service routes, supports, conduits, transformers, and drainage • Mechanical and electrical fit out • Streetscaping works including driveways, kerbs, footpaths, and permanent fencing, plus landscaping

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable installation within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete works associated with installing galvanised streel troughing and new cable routes.
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installation of cabinets and cabinet works in station equipment rooms • Cable pulling within the rail corridor • Installation of facade panels at the Lakemba substation • Installation of cable support equipment (traction negative bar) between the tracks at Belmore station • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Installation of cable service routes • Delivery of plant and material including associated activities • Installation of trackside equipment, fencing, cable service routes and galvanised steel troughing • Installation of bi-fold doors on the concourse • Landscaping and road furniture works on both sides of the station precinct • Construction of pedestrian ramp and associated works to facilitate new taxi and kiss and ride parking on Tobruk Avenue. Traffic control and signage will be in place to assist with temporary traffic and pedestrian diversions • Security fencing and cable service route works including drilling and post installation • Metro services building (MSB) service connection works • Construction of new driveway and layback for Sydney Trains and MSB on Redman Parade including earthwork and form work • Asphalting and landscaping at the MSB

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for C**hris** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Hilda** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your patience while we complete this essential work.

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southwestmetro@transport.nsw.gov.au

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Notification – Lakemba

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Lakemba Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Lakemba (along the rail corridor):	• Cable installation within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees and vegetation throughout the rail corridor where required • Work associated with installation of trackside equipment, fencing, high voltage pits, cable service routes and galvanised steel troughing (GST) • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Around Lakemba station (Railway Parade and The Boulevarde):	• Temporary lane closures will be in place when required at Haldon Street bridge, Railway Parade and The Boulevarde near the station ○ Signage and traffic control will be in place for the safety of workers and the public • Electrical fit-out, cable installation, mechanical installation + containment in platform building and on concourse • Fire services installation in station building • Lighting containment installation in station building and on platform • Installation of exhaust fans on ticket office roof • Excavation along Railway Parade for stormwater • Work on platform for condenser units plinth • Relocation of existing hose reel on platform • Implementing environmental controls (including sediment control) • Installation of temporary work on concourse • Brickwork underneath stairs on platforms • Temporary footpath closure on Haldon Street bridge for anti-throw screen maintenance work
Services building site on Railway Parade near Bellevue Avenue:	• Delivery of plant and materials • Signage and traffic control will be in place for worker and public safety • Electrical work, cable installation, cladding, mechanical services installation • Installation of temporary fencing and galvanised steel troughing • Brickwork, concrete cutting, and installation of fire dampers • Painting of bulkheads and infill • Installation of solar panel cables, hydraulic services, pit lid and grate • Regrading roadside of MSB, and installation of stormwater line
Lakemba substation, off The Boulevarde, near Taylor Street:	• Detailed excavations, bringing in and removing materials • Reinstating the perimeter fence • Traffic control to facilitate truck movements on The Boulevarde • Installation of perimeter columns, facade panels, glazed tile panels, and anti-graffiti paint • Installing cables, cable service routes and cable supports, conduits, transformers, and drainage • Mechanical and electrical fit out • Streetscaping including driveways, kerbs, footpaths, and permanent fencing, plus landscaping

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Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable installation within the rail corridor • Installation of temporary works on concourse, steel structure and containment on the concourse • Relocation of PA systems and security camera on concourse • Platform defect works • Brickwork around condenser slab • Cable installation between Services Building and Station Building • Hearing loop installation • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete works associated with installing galvanised streel troughing and new cable routes.
Upcoming rail possession: **Friday 3 February to Sunday 5 February 2023**	• Installing facade panel at Lakemba substation • Electrical work at station building • Delivery of plant and material including preparatory activities for upcoming out-of-hours work. • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing. • Delivery of plant, equipment and material including storage and removal as required • Signage and traffic control will be in place for the safety of workers and the public • Plant mobilisation and demobilisation • Installation of ballast ramps • Temporary lane closures will be in place when required at Haldon Street Bridge, Railway Parade and The Boulevarde near the station. ○ Signage and traffic control will be in place for the safety of workers and the public • Electrical fit-out, cable installation, mechanical installation and containment in platform building and concourse • Lighting containment installation in station building and on platform • Installation of Galvanised Steel Troughing • Installation of negative bus bar ULX conduits and footings • Installation of replacement glazing at Haldon Street bridge • Brickwork underneath stairs on platform • Occupation of car spaces along Boulevard (intersection with Kathleen St) and The Boulevarde intersection with Croydon St

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

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Notification – Punchbowl to Bankstown

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Punchbowl Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Punchbowl to Bankstown (along the rail corridor)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • De-vegetation and tree clearing throughout the rail corridor where required • Works associated with installation of fencing, high voltage pits, cable service routes, rail access pads and galvanised steel troughing (GST) • Modification and upgrade works to bridges along the rail alignment including Stacey Street bridge • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of cabinets and cables
Punchbowl Station and surrounding areas & Concourse	• Installation of internal cladding, lighting and ceiling on concourse building • Lift installation • Station and concourse building fit out • Landscaping work to The Boulevarde side of Punchbowl Station and Rest Park • Kiss and ride at The Boulevarde
Services building site off Urunga Parade, adjacent to the rail line	• Building fit out • Landscaping and associated activities • Asphalting • Installing fencing
Punchbowl substation, off South Terrace near Scott Street	• Detailed excavations, bringing in and removing materials • Traffic controllers to facilitate truck movements onto South Terrace • Installing conduits, drainage, and cables • Drainage work on South Terrace and site investigation of existing services • Mechanical and electrical fit out • Installing vehicle gate to substation • Streetscaping, including driveways, kerbs, footpaths, and permanent fencing, plus landscaping

From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table:

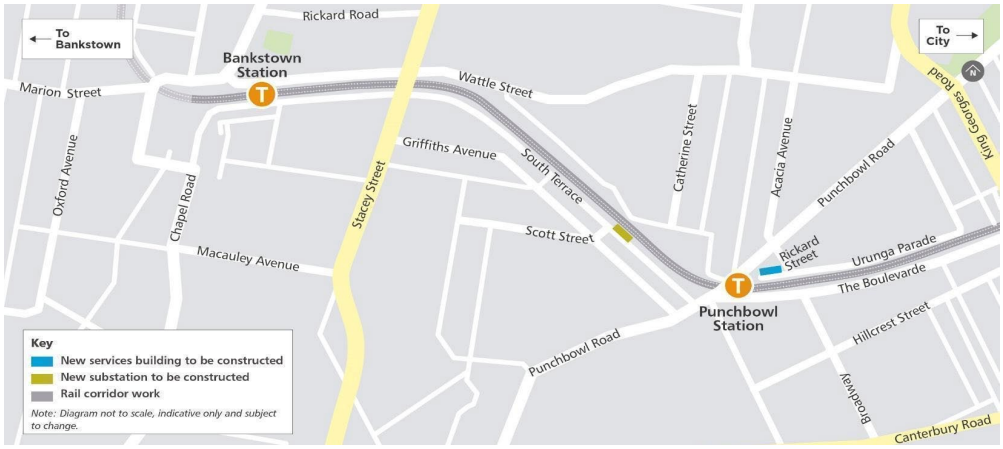
Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work

	• Concrete work associated with installing galvanised streel troughing, new cable routes and bridge upgrades • Modification and upgrade work to culverts and bridges along the rail alignment along Stacey Street bridge including temporary alternate lane closures along Stacey Street bridge

Upcoming rail possessions:
 	
Friday 3 February to Sunday 5 February 2023
	• Building fit out
	• Platform furniture install
	• High level containment installation
	• Miscellaneous steel work
	• Installation of concourse glazing, balustrade, roofing and ceiling
	• External & internal concourse cladding & finishes
	• Cable pulling
	• Trackside Equipment
	• DCSO structural steel frame & earthing installation
	• Installation of cable service routes and support equipment (traction negative bar) between the tracks at Punchbowl Station
	• Removal of redundant over-head wire footings
	• Modifications to cable service routes
	• Installation of signal equipment and cable pulling
	• Modification and upgrade of culverts and bridges along the rail alignment along Stacey Street bridge including:
	  ○ Temporary alternate lane closures along Stacey Street Bridge
	  ○ Temporary lane closure and removal of parking along South Terrace between East Terrace and Stacey Street bridge

Equipment used for the above work will include excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, sucker trucks, delivery vehicles, borehole drillers, rollers, generators, whacker packers, dump trucks, wood chippers, mulchers, grass cutters, telehandlers, crane trucks, drilling rigs, lifting machinery, elevated work platforms, bobcats, concrete pumps, cable pulling equipment, compactors, lighting towers, forklifts, chainsaw, water carts, vibrating plates, crane 400T, franna crane, elevated work platform, concrete pump, excavator and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers. **Where temporary footpath changes, car parking removal or lane closures are required for works, traffic control, pedestrian detours and signage will be in place to assist the community.**



Keeping you informed

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City & Southwest

Notification – Wiley Park

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Wiley Park Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Wiley Park (along the rail corridor)	• Delivery of construction plant and material including traffic control • Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees, vegetation and asbestos (if encountered and required) • Utilisation of the Faux Street / The Boulevarde rail corridor access gate and laydown areas • Installation of security fencing and trackside access ramp • Landscaping work • Installation of cabinets and cable pulling within the rail corridor • Installation of cable service routes, galvanised steel troughing (GST). • Relocation of Ausgrid cable routes • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Wiley Park Station	• Delivery of construction plant and material as required including traffic control • Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees, vegetation and asbestos (if encountered and required) • Ramp asphalting works requiring local footpath/lane closures and diversions on Stanlea Parade, The Boulevarde and King Georges Road • Concourse paving, finishing and painting works • Installation of roofing and platform balustrade • Ongoing landscaping works • Platform 1 and 2 building construction works • Mechanical, plumbing, and electrical installations

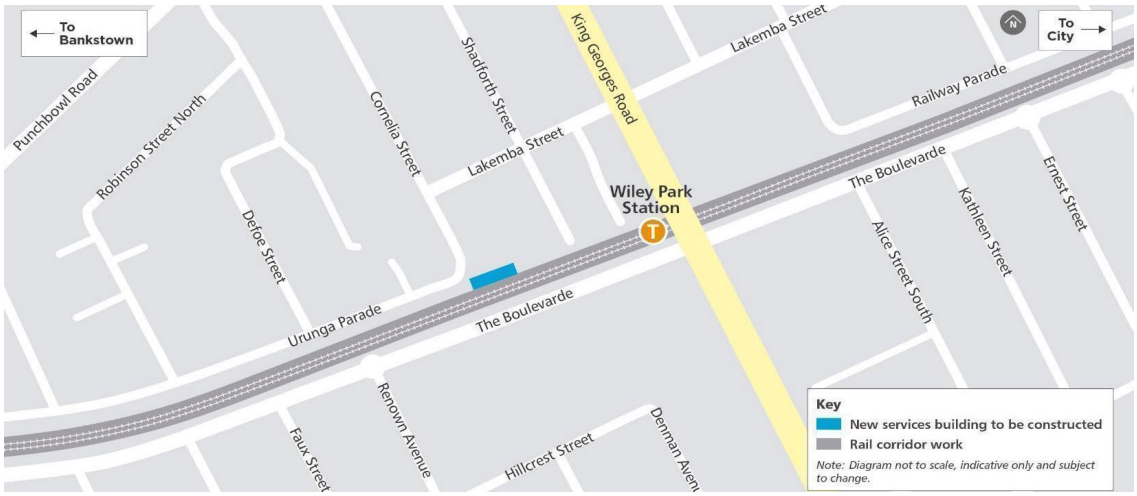
Out-of-hours work
Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete work associated with installing galvanised steel troughing, new cable routes and bridge upgrades

Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installation of cable support equipment (traction negative bar) between the tracks at Wiley Park Station • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of cable service routes, culvert pits and hi-rail access pads • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing. • Corridor security fencing works, glazing installation and platform roofing works • Scaffold removals and alterations • Paving work

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

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southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

EPL 21147
R4.4 Validation Report

SWMC WE34

Installation of Segregation Fence; Security Fence auguring, post and Panel/mesh screens; OHW boom replacement; GST Installation; Installation of Brackets at Stations; Bankstown upper platform construction; Cabling and Trackside Equipment.

Document and Revision History

Document Details	
Title	R4.4 Validation Report
Client	Sydney Metro City & Southwest
JHLOR JV contract no.	K44

Revisions

Revision	Date	Description	Prepared by	Reviewed by
00	28/02/2024	Prepared for R4.4	Zhengyi Zhang	Andre Kruize

Management reviews

Review date	Details	Reviewed by

Controlled:	NO	Copy no.:	Uncontrolled:	YES

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R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight. **5**

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Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 for out-of-hour works carried out over 17th and the 18th of February during Weekend 34 Rail Possession (WE34) over 2 days and one night. Works was carried under condition L5.6 - Local Possessions at the following locations;

- Sydenham Station repairs platform 1 & 2 edge tiles.
- Segregation fence From Marrickville to Belmore Station – drilling for bolts & panel installation
- Security fencing – augering of holes, post & panel installation at various locations through corridor
- Minor CSR activities. Installation of shallow GLT in ballast/CESS at various locations. Installation of local routes for new corridor gates
- Stations - Platform brackets
- Bankstown station activities
  - Concrete pour for new platform foundation beam
  - Removal of ballast retaining wall
  - GST installation (up track) on batter alongside old station platform.
- Replacement of overhead boom sections on existing portal structures
- Train stop suppression & restoration work. Tech related works
- Installation of Cabling and Trackside Equipment throughout corridor

Refer to **Attachment 1** for monitoring results.

R4.4(a) For activities permitted under Condition L5.6 & L5.7, a validation report must be submitted to the EPA that includes the following detail:

1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The assessment prepared for the works included modelling for the following plant and equipment:

- Excavators 3T, 6 and13T (inc jack hammer attachments)
- Balloon tyre dump trucks (Hydrema)
- Light vehicles
- Trucks
- Payloader
- Handheld powered and non-powered tools
- Vac Trucks
- EWP/telehandler
- Front-end loader
- Concrete truck and line pump
- Portable Generators
- Compressors
- Compactor
- Bogie
- Water pumps
- 4T Dumpy
- Site lights

2. A copy of the community notification required under Condition L5.12

A copy of the community notification required under Condition L5.12 is appended as **Attachment 2**.

3. Noise monitoring as required by L5.8(d)

WE17 noise monitoring was carried out at 8 locations on the perimeter of the rail corridor:

a. (HEX438) 21m N of 17 Warburton St, Marrickville
b. (HEX425) 30m W of 22 Kays Ave West, Dulwich Hill
c. (HEX184) 10m N of 73 Ewart St, Dulwich Hill
d. (HEX330) 18m S of 74-76 Floss St, Hurlstone Park
e. (HEX450) 13m NW of 25-29 Loftus St, Campsie
f. (HEX412) 26m S of 17 Railway Pde, Lakemba
g. (HEX331) 15m S CNR of Alice and Railway Parade Wiley Park
h. (HEX183) 30m N of 232 South Terrace, Bankstown

Refer to **Appendix 1** for noise monitoring results.

4. Details of any exceedances of predicted noise levels;

Noise (LAeq 15min) data was collected at the 8 locations over the 17th Feb 2024 night shift to 18th Feb 2024 day shift and assessed. Where there were exceedances the recording taken by SiteHive was reviewed and the source of noise assessed. Freight trains operating in the vicinity of the SiteHive loggers impacted the data at some locations. This is denoted in the noise monitoring results in **Appendix 1**.

During WE34, there were no exceedances of the noise predictions due to construction activity.

5. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite

The following noise mitigation measures are implemented:

- Source noise controls include mufflers fitted to exhausts, regular maintenance of plant, acoustic enclosure of machinery on plant items, non-tonal reversing alarms fitted to plant.
- General community (monthly) notification.
- Specific notification to impacted residents no later than 7 days out
- Additional mitigation measures such as Alternative Accommodation and Respite Offers.
- Use of real time noise monitors at targeted work locations. Periodic desk top checks on data collected by the 8 real time monitoring instruments during work periods.
- On site mitigation instructions to crews:
    - No music, no dropping of objects
    - No shouting or unnecessary noise
    - Be respectful of neighbours when coming and going from site. As far as possible, avoid congregating near residential property boundaries.
    - Position plant as far from residents as possible and orientate them if possible, to emit noise on non-resident side.
    - Plant to be switched off when not in use.

6. **The justification required under L5.6 for the carrying out of works outside of standard construction hours in L5.1.**

The works carried out on WE32 could only be safely conducted during a rail possession due to works occurring within the rail corridor. Works were completed in accordance with EPL Condition L5.6 (Local Possession). Carrying out the construction activities during standard construction hours (specified in L5.1) would cause unacceptable risks to construction personnel safety; rail passenger and railways personnel safety and railway network operational reliability.

All feasible and reasonable at-source noise controls were implemented in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.6 & L5.7 by no later than 2 business days from the end of each fortnight.

This R4.4 Validation report has been submitted to EPA by no later than two business days after the end of the fortnight.

Attachment 1 – Noise Monitoring Results

- Monitoring Result
- Monitoring Location

Table 1. 17th February 2024 Night Shift

Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq, 15min at resident	Compliant	Comments
1	Location a (NCA01) 21m N of 17 Warburton St, Marrickville Continues Monitoring	17/02/2024	Night 22:00 to 7:00 (Modeled from 18:00 to 7:00)	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights	69 (Calculated highest LAeq in work period at the nearest resident is 67)	69	**YES**	• RBL: 33 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 67 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (67 dB) is higher than the predicted level (69 dB) • **Predicted noise levels (Night shift works) in this area triggered offers for Respite.**
2	Location b (NCA02) 30m W of 22 Kays Ave West, Dulwich Hill Continues Monitoring					70	• No construction activity within 200 m radius. • Noise level being logged related to ARTC freight train.		
3	Location c (NCA02) 10m N of 73 Ewart St, Dulwich Hill Continues Monitoring					69 (Calculated highest LAeq in work period at the nearest resident is 67)	67	**YES**	• RBL: 33 • LAeq15min matches predictions. • Noise monitor detect highest LAeq15min value of 67 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (67 dB) is equal to the predicted level (67 dB) • **Predicted noise levels (Night shift works) in this area triggered offers for Respite.**
4	Location d (NCA03) 18m S of 74-76 Floss St, Hurlstone Park Continues Monitoring					68	• No construction activity within 200 m radius. • Noise level being logged related to ARTC freight train.		
5	Location e (NCA07) 13m NW of 25-29 Loftus St, Campsie Continues Monitoring					56	59	**YES**	• RBL: 35 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 56 dB due to general construction noise between the hours 22:00 to 07:00. • The Highest LAeq in work period (56 dB) is higher than the predicted level (59 dB) • **Predicted noise levels (Night shift works) in this area triggered offers for Respite.**
6	Location f (NCA08) 26m S of 17 Railway Pde, Lakemba Continues Monitoring					48	• No construction activity within 200 m radius. • Noise level being logged related to traffic.		
7	Location g (NCA09) 15m S CNR of Alice and Railway Parade Wiley Park Continues Monitoring					54	• No construction activity within 200 m radius. • Noise level being logged related to traffic.		
8	Location h (NCA12) 30m N of 232 South Terrace, Bankstown Continues Monitoring					61	• No construction activity within 200 m radius. • Noise level being logged related to traffic.		

Table 2. 18th February 2024 Day Shift

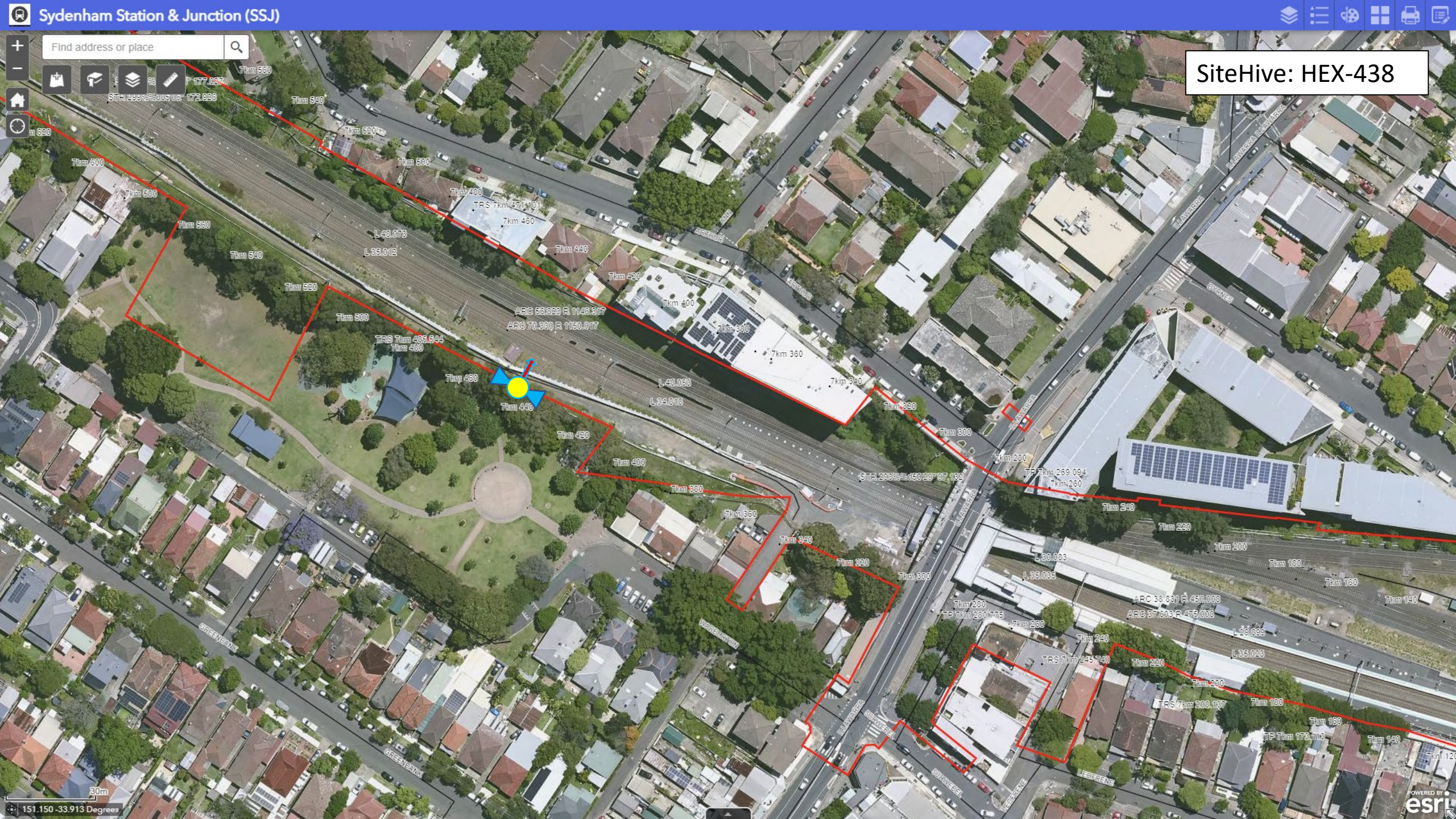
Reference Number	Monitoring Location (Catchment, Type & Address)	Date	Period	Construction Activities	Main source of noise	Highest LAeq in work period at Monitoring Location	Predicted noise level LAeq, 15min at resident	Compliant	Comments
1	Location a (NCA01) 21m N of 17 Warburton St, Marrickville Continues Monitoring	18/02/2024	Day to Evening 7:00 to 22:00	General track related construction activities	• Excavators 3T, 6 and13T (inc jack hammer attachments) • Balloon tyre dump trucks (Hydrema) • Light vehicles • Trucks • Payloader • Handheld powered and non-powered tools • Vac Trucks • EWP/telehandler • Front-end loader • Concrete truck and line pump • Portable Generators • Compressors • Compactor • Bogie • Water pumps • 4T Dumpy • Site lights	64	66	**YES**	• RBL: 38 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 64 dB due to general construction noise between the hours 07:00 to 22:00. • The Highest LAeq in work period (64 dB) is lowerr than the predicted level (66 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**
2	Location b (NCA02) 30m W of 22 Kays Ave West, Dulwich Hill Continues Monitoring					70	58	**YES**	• RBL: 38 • Refer to **Table 1 - Reference Number 1**, with the actual background noise when there are no construction activities is 70 dB. • The noise monitor recorded a highest LAeq15min value of 70 dB. This daytime noise level of 70 dB appears consistent with the actual background noise when there are no construction activities. In this respect exceedance was considered not to be influenced by construction activities between the hours 07:00 to 22:00 • **Live ARTC freight train 6m from monitoring location**
3	Location c (NCA02) 10m N of 73 Ewart St, Dulwich Hill Continues Monitoring					73	68	**YES**	• RBL: 38 • The noise monitor recorded a highest LAeq15min value of 73 dB. This daytime noise level of 73 dB appears consistent with the actual background noise when there are no construction activities[1]. In this respect exceedance was considered not to be influenced by construction activities between the hours 07:00 to 22:00 • **Live ARTC freight train 25m from monitoring location**
4	Location d (NCA03) 18m S of 74-76 Floss St, Hurlstone Park Continues Monitoring					69	56	**YES**	• RBL: 38 • Refer to **Table 1 - Reference Number 4**, with the actual background noise when there are no construction activities is 68 dB. • The noise monitor recorded a highest LAeq15min value of 69 dB. This daytime noise level of 69 dB appears consistent with the actual background noise when there are no construction activities. In this respect exceedance was considered not to be influenced by construction activities between the hours 07:00 to 22:00 • **Live ARTC freight train 7m from monitoring location**
5	Location e (NCA07) 13m NW of 25-29 Loftus St, Campsie Continues Monitoring					62	62	**YES**	• RBL: 41 • LAeq15min matches predictions. • Noise monitor detect highest LAeq15min value of 62 dB due to general construction noise between the hours 07:00 to 22:00. • The Highest LAeq in work period (67 dB) is equal to the predicted level (67 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.** • **Actual noise levels (Day shift works) in this area did not trigger offers for Respite.**
6	Location f (NCA08) 26m S of 17 Railway Pde, Lakemba Continues Monitoring					55	56	**YES**	• RBL: 47 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 55 dB due to general construction noise between the hours 07:00 to 22:00. • The Highest LAeq in work period (55 dB) is higher than the predicted level (56 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.**
7	Location g (NCA09) 15m S CNR of Alice and Railway Parade Wiley Park Continues Monitoring					53	54	**YES**	• RBL: 44 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 53 dB due to general construction noise between the hours 07:00 to 22:00. • The Highest LAeq in work period (53 dB) is higher than the predicted level (54 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.**
8	Location h (NCA12) 30m N of 232 South Terrace, Bankstown Continues Monitoring					59	66	**YES**	• RBL: 54 • LAeq15min below predictions. • Noise monitor detect highest LAeq15min value of 59 dB due to general construction noise between the hours 07:00 to 22:00. • The Highest LAeq in work period (59 dB) is higher than the predicted level (66 dB) • **Predicted noise levels (Day shift works) in this area did not trigger offers for Respite.**

[1] Continues Monitor has been deployed during 26 Jan 2024 to 02 Feb 2024 to collect background noise level without any construction activities at **Monitoring Location c (NCA02) 10m N of 73 Ewart St, Dulwich Hill**.

Background data shows the actual background noise level at the monitoring location is below:

- 07:00 to 22:00: 71 dB
- 22:00 to 07:00: 71 dB

The actual background noise level is directly related to ARTC freight train.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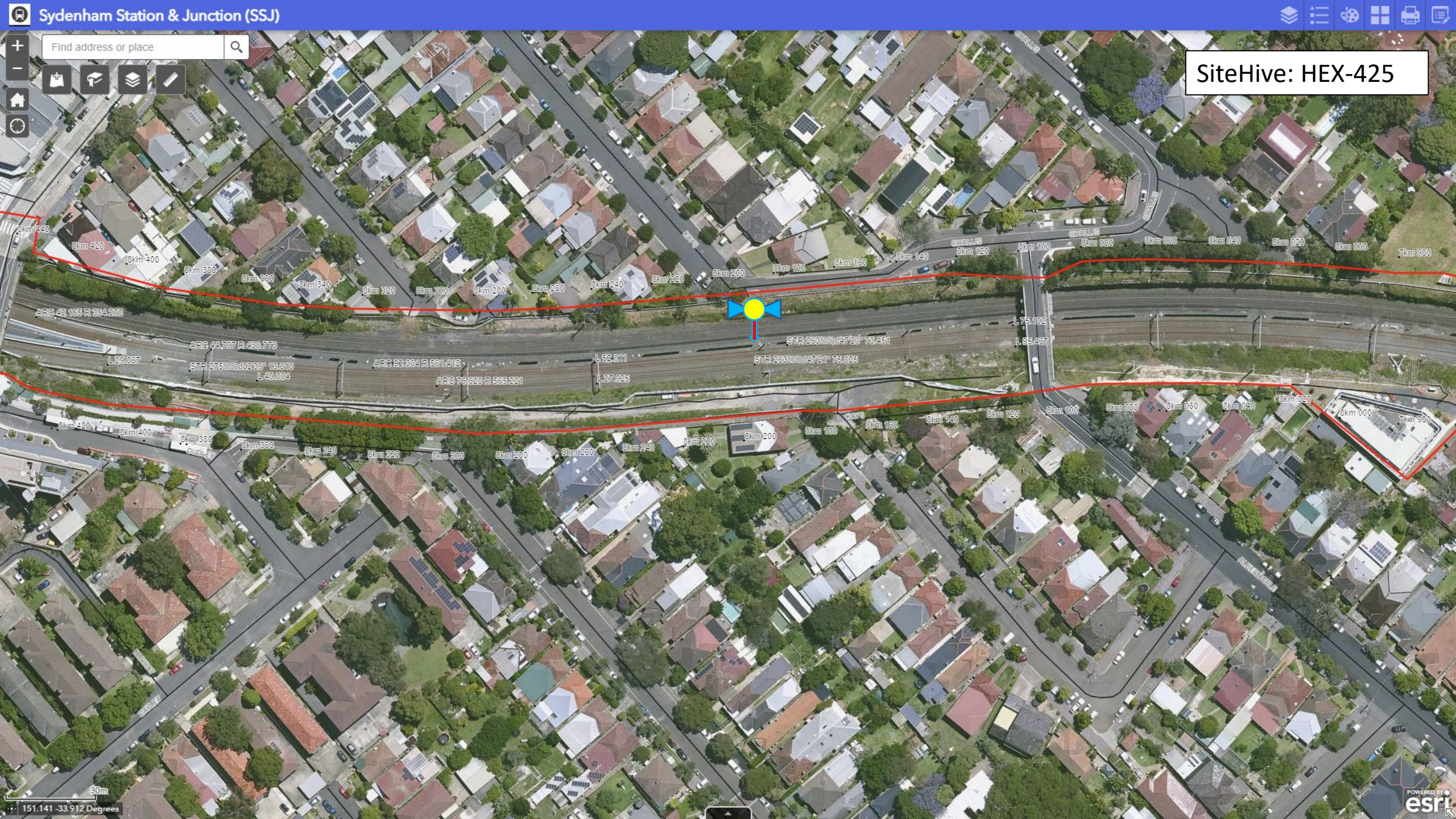
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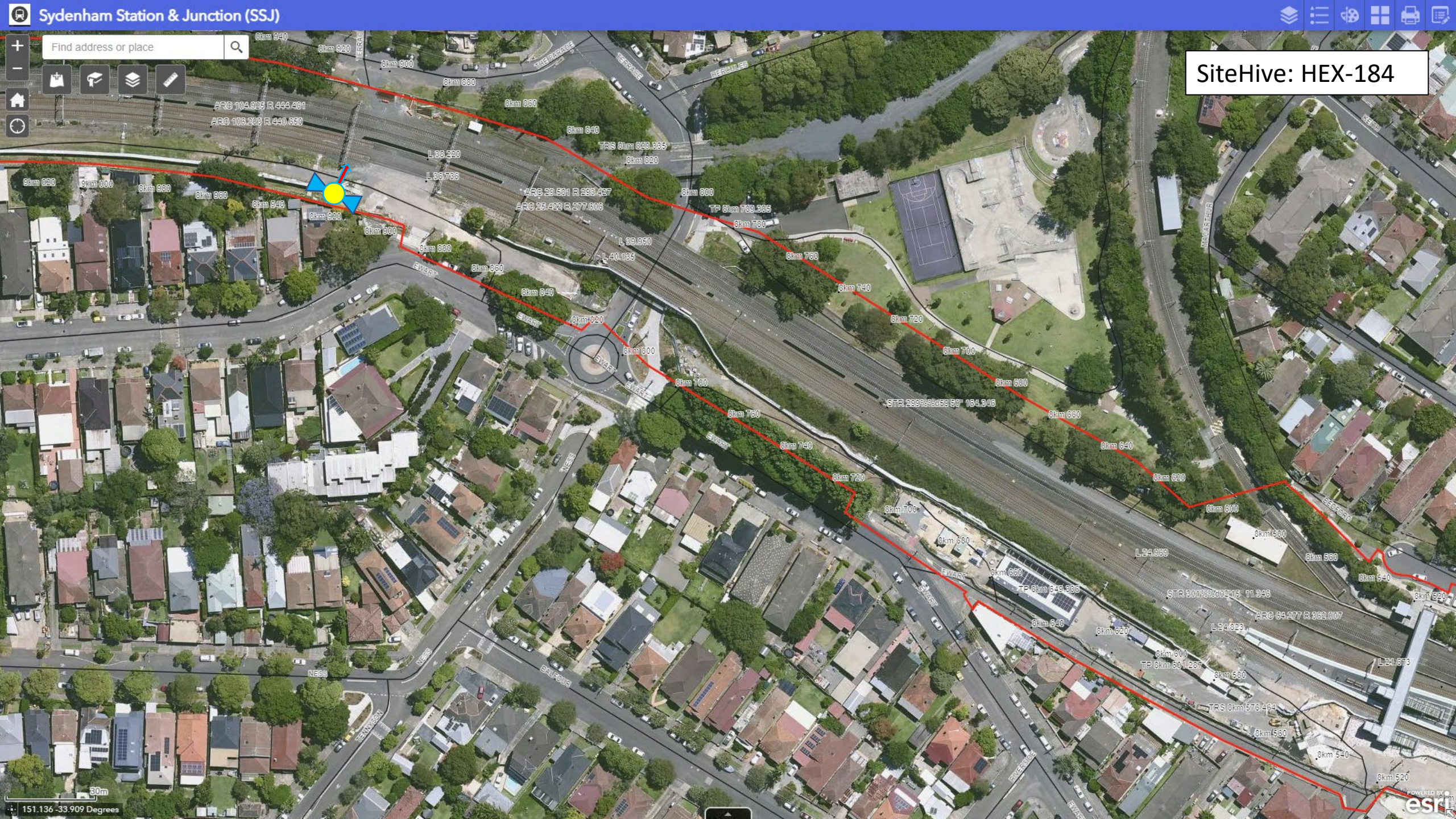
esri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Sydenham Station & Junction (SSJ)
Find address or place
SiteHive: HEX-331
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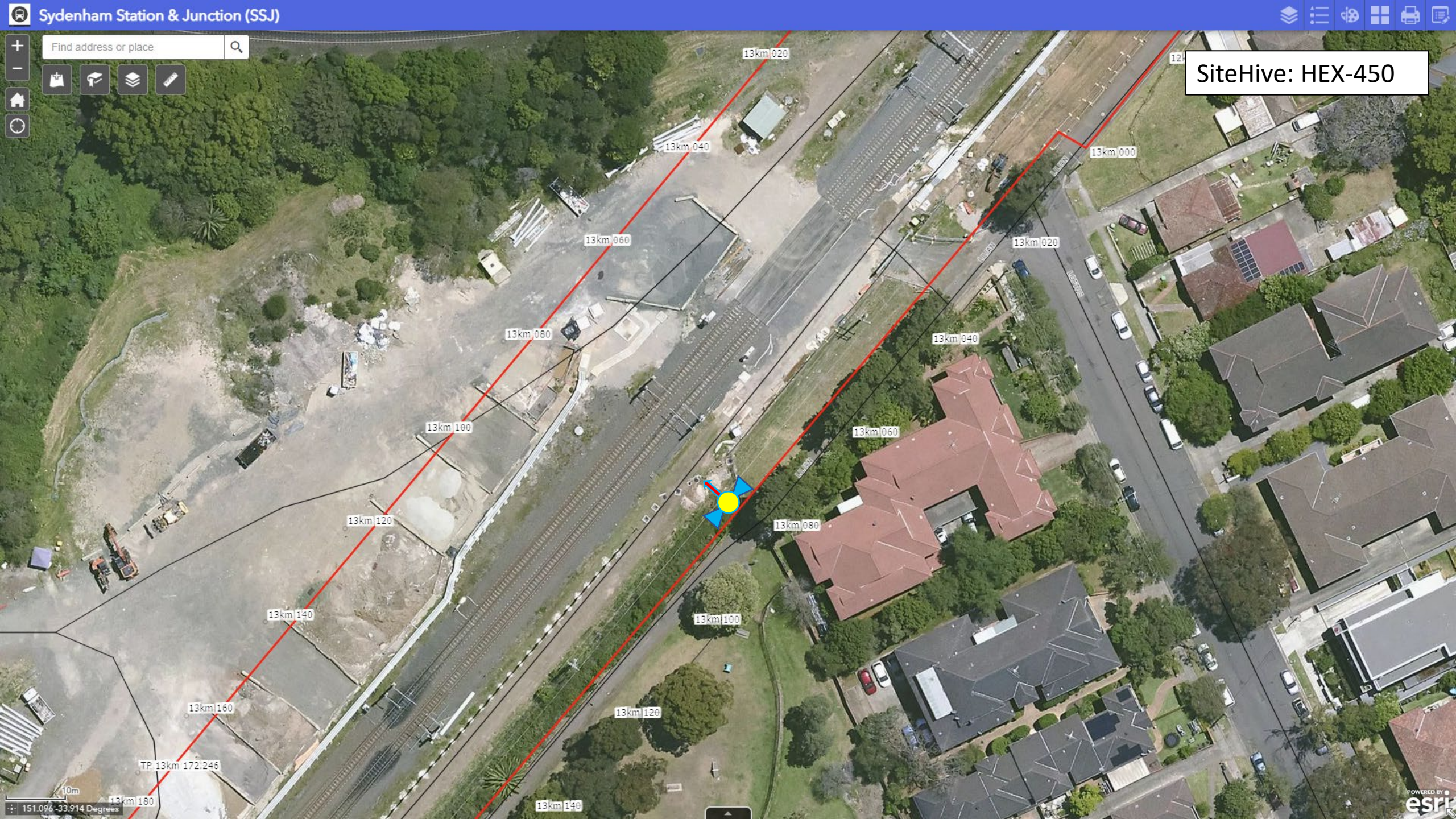
15km 580
15km 600
15km 620
15km 640
15km 660
15km 680
15km 700
15km 720
15km 740
15km 760
L 38.744
STR 249%%d34'57" 13.521
L 24.786
ARC 8.654 R 800.033
L 25.448
TP 15km 586.711
TRS 15km 625.018
TRS 15km 633.672
THE BOULEVARDE
CLEVEDON AVE
10m
151.072 -33.922 Degrees
esri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13km 180
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10m
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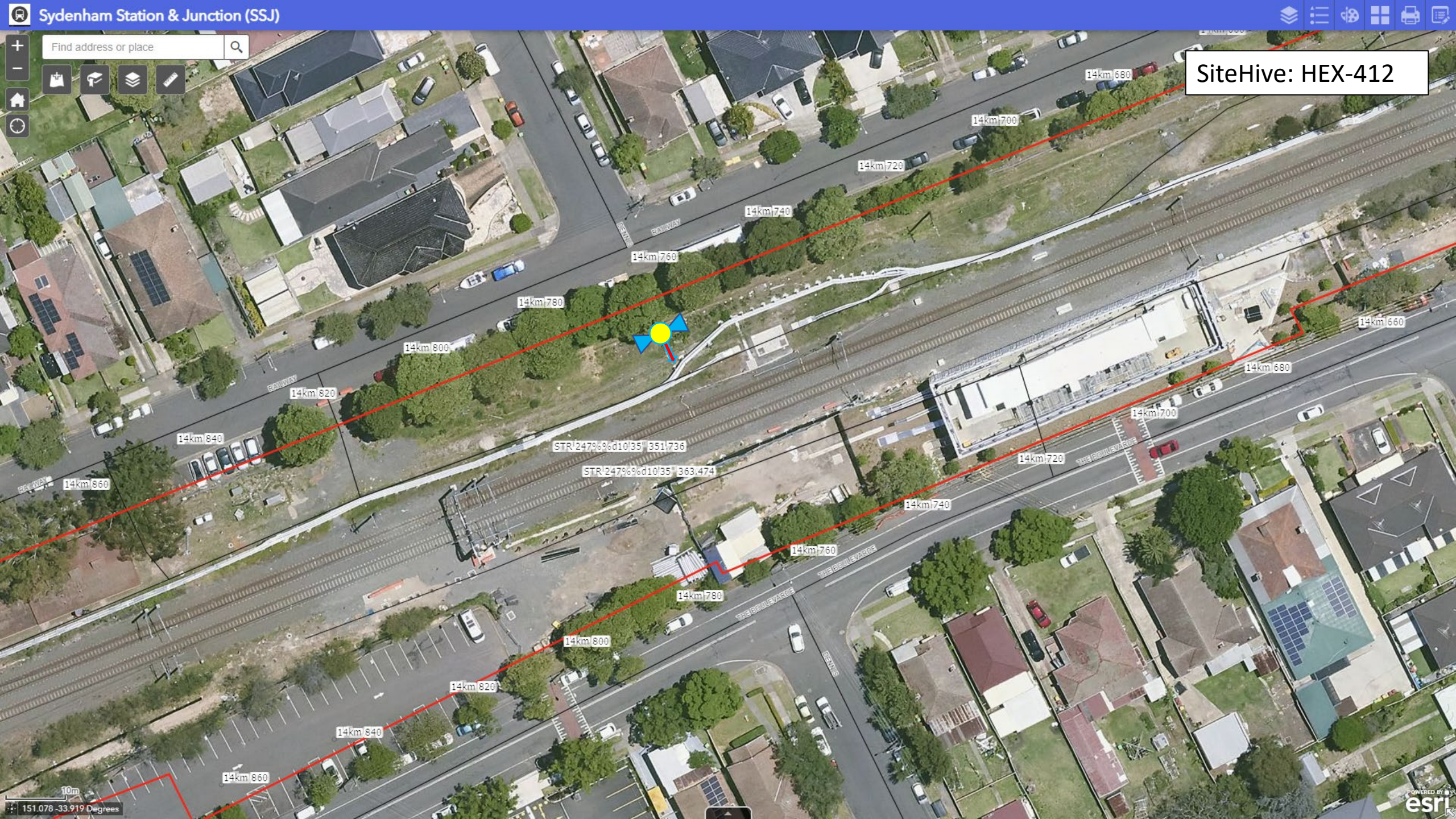
POWERED BY esri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14km 800
14km 820
14km 840
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THE BOULEVARDE
RAILWAY
10m
151.078 -33.919 Degrees
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30m
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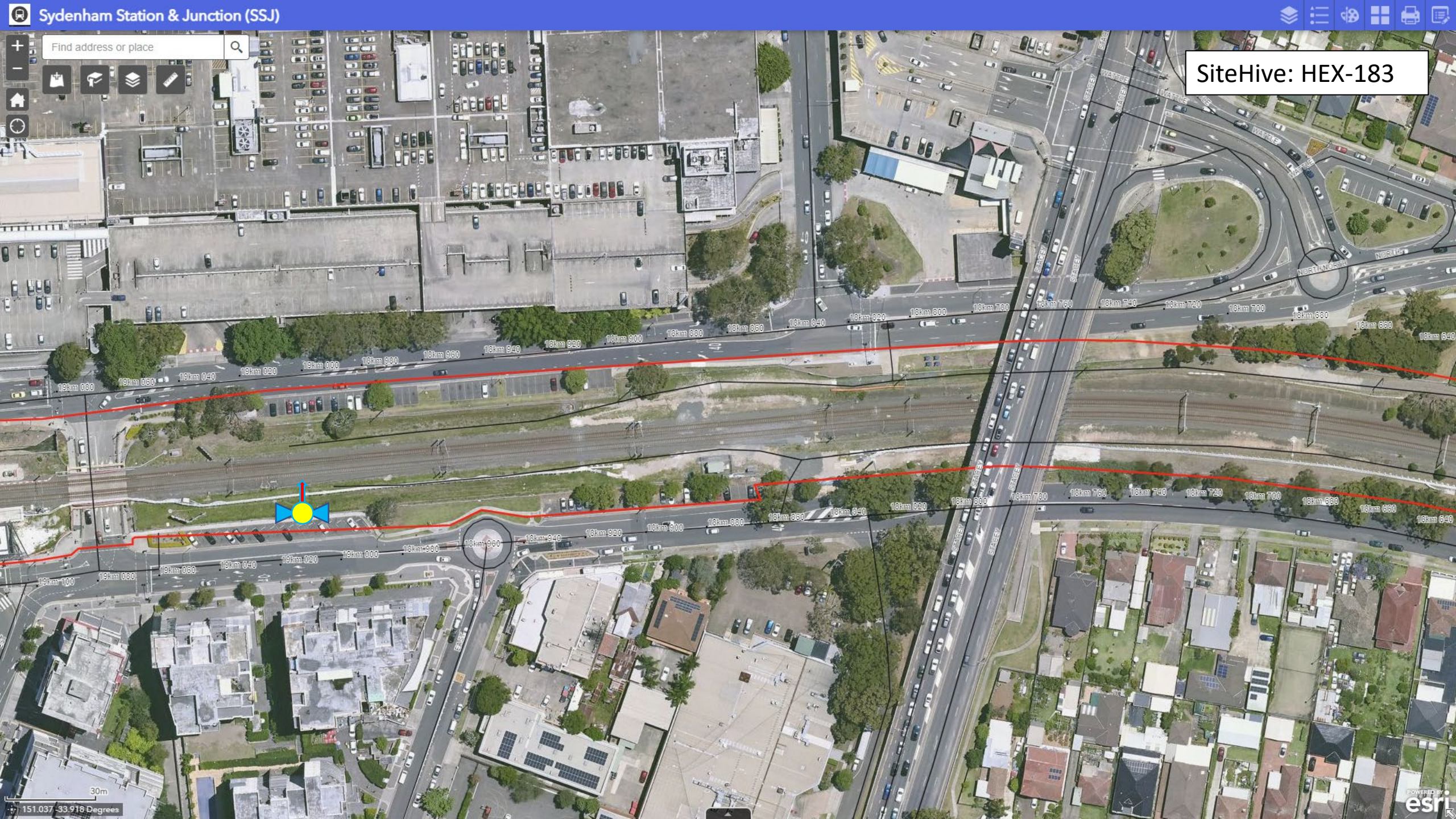
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Attachment 2 – Community Notification

Community Notifications were provided to residents of:

- Sydenham
- Marrickville
- Canterbury
- Hurlstone Park
- Dulwich Hill
- Campsie
- Belmore
- Wiley Park
- Punchbowl to Bankstown

Please refer to the following community notifications for works.

Notification – Marrickville

February 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Marrickville Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Marrickville (along the rail corridor):	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • De-vegetation and tree clearing throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Modification to Livingstone Road bridge including periodic lane closures and removal of the parking lane along Livingstone Road bridge, involving temporary parking removal along the southern side of Marrickville Avenue adjacent to the rail corridor • Excavation, pilling and installation of fencing within the rail corridor, involving removal of parking along Warburton Street between Illawarra Road and Wooley Lane and Wooley Lane between Warburton Street and the rail corridor from **5pm Wednesday 1 Feb to 6pm Monday 6 Feb**
Around Marrickville Station	• Delivery, storage and removal of materials and plant through Wooley Lane, Riverdale Avenue and Victoria Road • Service and utility work including excavating and trenching around the platforms • Installation of fencing, cable service routes and galvanised steel troughing • Installation of high-level service containment to platforms and buildings • Electrical work at bike storage, platforms and around the station • Reconstructing the pedestrian path between Riverdale Avenue and Victoria Road • Truck movements through Wooley Lane Gate to clean the area • Footpath work: the footpath and cycleway between Station Street and Victoria Road remains closed • Service Equipment Building cabinet work • Ausgrid supply connection on Station Street
Services building site in the rail corridor, off Victoria Road	• Delivery, storage, and removal of materials and plant • Installation of cabinets in the services building • Installation of fencing to the perimeter of the building • Installation of building services and equipment • Concreting work to the east of the building on Victoria Road • Excavation of MSB driveway • Victoria Road footpath work • Concrete truck deliveries and concrete pumps • Testing and commissioning of the MSB using a generator
Substation site (off Randall Street behind Albermarle Street)	• Site mobilisation including using sections of Randall Street • Traffic control to facilitate truck movements from Livingstone Road into Randall Street • Installing facade panels, building columns, perimeter columns, glazed tiles on facade panels and anti-graffiti paint, and galvanised steel troughing (GST) • Installing cables, cable supports, cable tray structure as well as mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Installing streetscaping including driveways, kerbs, and footpaths, plus landscaping

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.*

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table:

Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Excavation, pilling and installation of fencing within the rail corridor, which will result in the removal of parking along Warburton Street between Illawarra Road and Wooley Lane and Wooley Lane between Warburton Street and the rail corridor from **5pm Wednesday 1 Feb to 6pm Monday 6 Feb**

Upcoming rail possessions:
 	
Friday 3 February to Sunday 5 February 2023
	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor
	• Installing facade wall panels at the Dulwich Hill substation at the end of Randall Street
	• Installation of cabinets and cabinet works in the station equipment rooms
	• Removal of redundant over-head-wire footings and structures
	• Excavation, pilling and installation of fencing within the rail corridor including removal of parking (see details in section above)
	• De-vegetation and tree clearing throughout the rail corridor where requires
	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing
	• Cable pulling along the rail alignment including periodic lane closures on Victoria Road between Charlotte Avenue and Victoria Road
	• Modification to bridges along the alignment at Livingstone Road including:
	  ○ Temporary periodic lane closures and removal of the parking lane along Livingstone Road bridge
	  ○ Temporary parking removal along the southern side of Marrickville Avenue adjacent to the rail corridor. Access to properties will be maintained at all times
	• Installation of throw screens
	• Reinstatement of Galvanised steel troughing (GST)
	• Installation of stormwater pits on Platform 2
	• Excavation and concrete work across Sydney Trains track
	• Earthing of radio mast

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au.

For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

Notification – Dulwich Hill

February 2023

Sydney Metro is Australia's biggest public transport project.

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Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Dulwich Hill Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Dulwich Hill (along the rail corridor)	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities and fencing • De-vegetation and tree clearing throughout the rail corridor where required • Installation of fencing, cable service routes, galvanised steel troughing (GST) and rail access pads • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Around Dulwich Hill Station	• Excavation, concrete and landscaping works within precinct area • Precinct drainage and walkway construction • Installation of remaining footbridge elements from Bedford Crescent • Installation of glazing to footbridge • Services and fit-out works to new footbridge • Delivery & installation of new lift equipment to footbridge • Construction of new platform rooms under footbridge • Installing cable steel structure equipment at Dulwich Hill Station
Services building site at Ewart Lane	• Installation of stormwater drainage, landscaping and hardscaping • Installation of external façade and solar panels to roof • Internal building fit-out work • Delivery of material and plant via Ewart Lane • Scaffold installation and removal
Substation site (off Randall Street behind Albermarle Street, Marrickville	• Site mobilisation including using sections of Randall Street • Traffic control to facilitate truck movements from Livingstone Road into Randall Street • Installing facade panels, building columns, perimeter columns, glazed tiles on facade panels and anti-graffiti paint, and galvanised steel troughing (GST) • Installing cables, cable supports, cable tray structure as well as mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Installing streetscaping including driveways, kerbs, and footpaths, plus landscaping

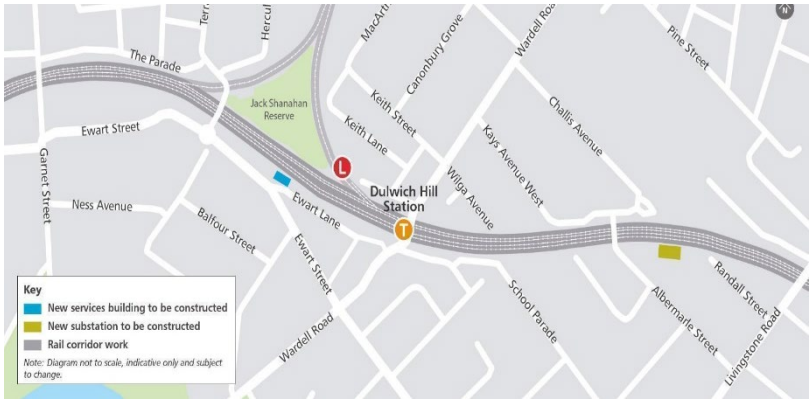
**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.*

Out-of-hours work
Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table:

Date / time	Details of out-of-hours work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable pulling within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installing cables, fibre, and fibre optic cables at Marrickville within the rail corridor • Installing cable steel structure equipment and façade wall panel at Dulwich Hill substation • Removal of redundant over-head-wire footings and structures • Excavation, pilling and installation of fencing within the rail corridor including: • Temporary lane closures and removal of parking along Terrace Road between Hercules Street and Ewart Street • Installation of Roofing and Structural Steel to new footbridge • Installation of Galvanised Steel Troughing (GST) and posts • Removal of safety netting around footbridge • Installation of new underground services in precinct area, including excavation, rock breaking and trenching work • Drainage works to plaza area • Roofing works to existing concourse building • Delivery of material to platform hoarding area • Trackside equipment footings

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.



Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Claire** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

Notification – Hurlstone Park

February 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Hurlstone Park Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Hurlstone Park (along the rail corridor):	• Cable pulling within the rail corridor • Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of construction plant and material • Removal of trees, vegetation and asbestos as required • Installation of fencing, overhead wire protection, cables and cable service route (CSR) and galvanised steel troughing (GST) • Work associated with installation of future security fences (boundary fence) and installation of segregation fence • High voltage (HV) relocation work • Installation of bridge throw screens • Modification works to bridges at Church Street footbridge including temporary removal of parking along the Church Street cul-de-sac
Around Hurlstone Park Station	• Use of access gates and laydown areas at Keir Avenue, The Parade, Railway Street and Foord Avenue • Delivery of construction plant and material • Asphalting, drainage, and concreting work • Installation of balustrades and associated glazing work, including artwork • Work on Duntroon St to facilitate HV relocation work • Paving work around concourse area • Galvanised steel troughing (GST) work • High level containment works for electrical, communication and other services • Ceiling and glazing work at concourse and on stairs • Platform fencing work and platform equipment installation • Line marking and footpath work within the station precinct (for taxi, disabled and kiss & ride parking) resulting in temporary loss of parking on Floss Street and Duntroon Street • Construction work to city side of Duntroon Street bridge, platform finishing works and pavements to back of platform 2 • Footpath closures, including at proposed kiss and ride area
Services building site off Railway Street	• Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of construction plant and material • Installation of fencing, cables, and cable service route (CSR) and galvanised steel troughing (GST) • Work associated with installation of future security fence (boundary fence) • Service connections along Railway Street for Sydney Water assets requiring single lane closures with contraflow, traffic management controls will be in place as required to assist pedestrians and motorists • Installation of reinforcement materials around services building • Installation of structural steel, roofing for the services building, and wall cladding • Installation of chiller unit support structure and chiller units

Services building (cont.)	• Driveway slab construction • Stormwater tank construction and road pavement work • Jackhammering and excavation work to facilitate structures and services installation, with required dust and noise mitigation measures in place • Works on level 2 of the MSB structure including roof flashing and solar panel installation
Substation site, off Hutton Street	• Site mobilisation and excavations • Installing cables, cable supports, and cable tray structure • Traffic controllers to facilitate truck movements on Hutton Street • Installing glazed panels into the facade walls and anti-graffiti paint • Mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Installing streetscaping including driveways kerbs, and footpaths, plus landscaping

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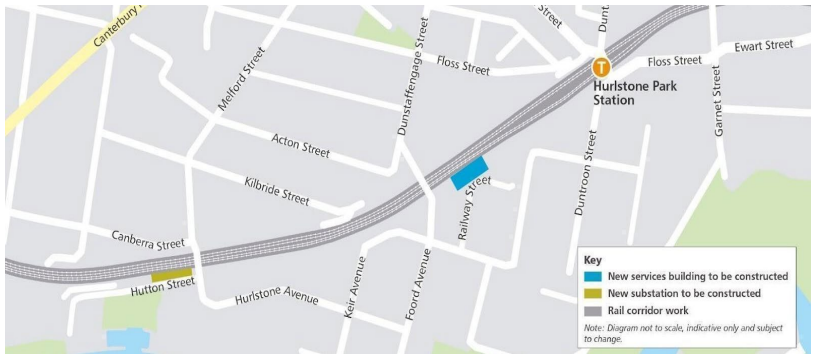
Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Planned out-of-hours work is detailed in the table below.

Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights/wk)	• Cable pulling within the rail corridor • Removal and reinstallation of anti-climb protection at Hurlstone Park and Canterbury stations • Installation of signal equipment and cable pulling • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete work associated with installing galvanised streel troughing, new cable routes, and bridge upgrades

Upcoming rail possessions:
 	
Friday 3 February to Sunday 5 February 2023
	• HV cable jointing at Melford Street, Hurlstone Park
	• Cable pulling within the rail corridor
	• Installation of cable support equipment (traction negative bar) between the tracks at Hurlstone Park Station
	• Installation of cable service routes and culvert pits
	• Excavation, pilling and installation of fencing within the rail corridor including:
	  ○ Temporary lane closures and removal of parking along Foord Avenue bridge between Ewart Street and Hercules Street
	  ○ Temporary lane closures along Melford Street bridge between Canberra Street and Hutton Street and Canberra Street between Melford Street and Church Street
	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing
	• Delivery of lift equipment
	• Platform fencing work, bollard installation, glazing and artwork installation
	• Bridge throw screen installation and defect rectification
	• Operation of hi-rail plant and impacts to footpaths (including footpath closures)
	• Concourse ceiling and booking office cladding work
	• Galvanised steel trough installation

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.



Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email linewideMetro@transport.nsw.gov.au. For all other works please ask for **Hilda** or email SouthwestMetro@transport.nsw.gov.au. **Thank you for your cooperation while we complete this essential work.**

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

Notification – Canterbury

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February work will continue along the corridor and at Canterbury Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Canterbury (along the rail corridor)	• Electrical work and cable pulling within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees and vegetation throughout the rail corridor where required • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Modification works to bridges at Church Street footbridge including temporary removal of parking along Church Street cul-de-sac
Around Canterbury station	• Station equipment room cabinet work • Metro services building (MSB) work on Charles Street • Earthwork installation of drainage and combined services route, concreting work, steel work, cladding, cranage, brick and block work. A partial lane closure may be required during this period, signage and traffic control will be in place • Glazing of footbridge, safety fencing and stair canopy, and structural steel infill for footbridge glazing for motorised sliding door • Concourse civil work, retail cladding, platform fencing and work on the station buildings • Excavation, stormwater and power installation at Charles Street • Storage and removal of materials and plant • Broughton Street footpath and electrical work and furniture installation • Brickwork installation on Platform 0/1 • Installation of Louvre Doors for Condenser Unit Mechanical Room • Installation of Lift 1 and 2 Equipment • Electrical containment installation on Platform 0/1 & 2 and Pedestrian Ramp • Installation of Light Fittings and Building Services on Platform 0/1 and 2 • Installation of Boundary Fencing and cable service route Ongoing work at the MSB including: • Brickwork, structural steel & cladding installation • Roofing, excavation, gutter and stormwater work • Installation of inground and above ground services and construction of driveway pavement • Installation of permanent fence posts and scaffolding installation and modification
Former Bowling Club	• Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Temporary parking impacts on Close Street
Substation site off Hutton Street	• Site mobilisation and excavations • Installing cables, cable supports, glazed panels into the facade walls and anti-graffiti paint • Traffic controllers to facilitate truck movements on Hutton Street • Mechanical and electrical fit out • Installing traction substation gates, doors, and permanent fencing • Streetscaping including driveways kerbs, and footpaths, plus landscaping

Out-of-hours work
Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable pulling within the rail corridor • Removal and reinstallation of anti-climb protection at Hurlstone Park and Canterbury stations • Delivery of Motorised Sliding Doors on the concourse • Roofing work on Canterbury Road • Steel work on platform stairs canopy • Installation of signal equipment and cable pulling • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and materials
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Cable pulling within the rail corridor • Installing cable steel structure equipment at Canterbury substation (at Hutton Street, Hurlstone Park) • Electrical work at the station building • Disconnection and reconnection of low voltage station supply • Roofing work on the concourse and lifts • Glass installation work on stair canopy, concourse and footbridge • Structural steel work on the footbridge • Electrical containment and lighting work on the platforms • Excavation and concrete work for the piles on the Bankstown line and platforms • Earthworks around the Metro Service Building (MSB) • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Installation of cable service routes and culvert pits Excavation, pilling and installation of fencing within the rail corridor, with impacts including: • Temporary lane closures along Melford Street bridge between Canberra Street and Hutton Street • Temporary removal of approximately 10 parking spaces along Broughton Avenue intersection with John Street • Modification to bridges along the alignment at Wairoa Street Bridge including temporary road closure on Wairoa Street between South and East Parade. Road diversions will be in place. Northern side diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern side diversions will be via South Parade and Beamish Street

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24-hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your cooperation while we complete this essential work.

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Notification – Campsie

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Campsie Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Campsie (along the rail corridor)	• Installation of cabinets and cabinet work • Cable pulling within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees and vegetation throughout the rail corridor where required • Installation of over-head wire protection, fencing, cable service routes, galvanised steel troughing (GST) and culvert upgrades • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Around Campsie Station	• Concourse structural steel canopy and preparation for waterproofing • Remediation on existing concourse structure and steel beam replacement • Installation of bike hoops • Continuation of concourse building services and fit out work • Local footpath and traffic control establishments to facilitate the work • Ongoing platform services work • Continued management and modifications of hoardings and work zones
Services building site at Lilian Lane opposite Dewar Street	• Continuation of MSB building work • Begin internal building services fit out of the MSB • Preparation for landscaping and fencing work • Local footpath and traffic control establishments to facilitate the work
Substation site (Off Lilian Street)	• Installing glazed panels into the facade walls and anti-graffiti paint • Traffic controllers to facilitate truck movements on Lilian Street • Bulk power supply installs into the traction substation • Installing cables and cable supports • Installing streetscaping including driveways, kerbs, footpaths, and permanent fencing, plus landscaping • Mechanical and electrical fit out

From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts will be very low.

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Planned out-of-hours work is detailed in the following table.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable pulling within the rail corridor • Installation of signal equipment and cable pulling • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete works associated with installing galvanised streel troughing and new cable routes
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installation of cable support equipment (traction negative bar) between the tracks at Campsie Station • Cable pulling within the rail corridor at Campsie • Concourse structural steel canopy and preparation for waterproofing • Remediation on existing concourse structure and steel beam replacement • Local footpath and traffic control establishments to facilitate the works • Continued management and modifications of hoardings and work zones • Installation of radio mast • Installation of cabinets and cabinet works in station equipment rooms • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Modification to bridges along the alignment at Wairoa Street bridge including: • Temporary road closure on Wairoa Street between South and East Parade. Road diversions will be in place. Northern side diversions will be via Wairoa Street, Moore and Clissold Parade onto Beamish Street. Southern side diversions will be via South Parade and Beamish Street

Equipment used for the above work will include heavy machinery (including but not limited to excavators, trucks, hydraulic ram, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

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Thank you for your cooperation while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**

City & Southwest

Notification – Belmore

February 2023

Sydney Metro is Australia's biggest public transport project.

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Belmore Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Belmore (along the rail corridor)	• Cable installation within the rail corridor • Installation of cabinets and cabinet works • Site investigations and surveys including (but not limited to) soil assessments, geotechnical investigations and surveys for drainage, utilities and fencing • Delivery of plant and material including associated activities • Installation of trackside equipment, fencing, cable service routes and galvanised steel troughing • Removal of trees and vegetation along the corridor where required
Around Belmore Station and at the services building site (off Redman Parade, adjacent to the rail line)	• Delivery of construction plant and material including associated activities • Installation of high-level containment light fittings on the platform and concourse • Installation of bi-fold doors on the concourse • Landscaping and road furniture works on both sides of the station precinct • Construction of pedestrian ramp and associated works to facilitate new taxi and kiss and ride parking on Tobruk Avenue. Traffic control and signage will be in place to assist with temporary traffic and pedestrian diversions • Security fencing and cable service route works including drilling and post installation • Metro services building (MSB) service connection works • Construction of new driveway and layback for Sydney Trains and MSB on Redman Parade including earthwork and form work • Asphalting and landscaping at the MSB
Lakemba substation, off The Boulevarde, near Taylor Street	• Detailed excavations, bringing in and removing materials • Reinstating the perimeter fence • Traffic control to facilitate truck movements on The Boulevarde • Installation of perimeter columns, facade panels, glazed tile panels, and anti-graffiti paint • Installing cables and cable service routes, supports, conduits, transformers, and drainage • Mechanical and electrical fit out • Streetscaping works including driveways, kerbs, footpaths, and permanent fencing, plus landscaping

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impacts from this work will be very low.*

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties close to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable installation within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete works associated with installing galvanised streel troughing and new cable routes.
Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installation of cabinets and cabinet works in station equipment rooms • Cable pulling within the rail corridor • Installation of facade panels at the Lakemba substation • Installation of cable support equipment (traction negative bar) between the tracks at Belmore station • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Installation of cable service routes • Delivery of plant and material including associated activities • Installation of trackside equipment, fencing, cable service routes and galvanised steel troughing • Installation of bi-fold doors on the concourse • Landscaping and road furniture works on both sides of the station precinct • Construction of pedestrian ramp and associated works to facilitate new taxi and kiss and ride parking on Tobruk Avenue. Traffic control and signage will be in place to assist with temporary traffic and pedestrian diversions • Security fencing and cable service route works including drilling and post installation • Metro services building (MSB) service connection works • Construction of new driveway and layback for Sydney Trains and MSB on Redman Parade including earthwork and form work • Asphalting and landscaping at the MSB

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

Keeping you informed

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Thank you for your patience while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

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Notification – Lakemba

February 2023

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Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Lakemba Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Lakemba (along the rail corridor):	• Cable installation within the rail corridor • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees and vegetation throughout the rail corridor where required • Work associated with installation of trackside equipment, fencing, high voltage pits, cable service routes and galvanised steel troughing (GST) • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Around Lakemba station (Railway Parade and The Boulevarde):	• Temporary lane closures will be in place when required at Haldon Street bridge, Railway Parade and The Boulevarde near the station ○ Signage and traffic control will be in place for the safety of workers and the public • Electrical fit-out, cable installation, mechanical installation + containment in platform building and on concourse • Fire services installation in station building • Lighting containment installation in station building and on platform • Installation of exhaust fans on ticket office roof • Excavation along Railway Parade for stormwater • Work on platform for condenser units plinth • Relocation of existing hose reel on platform • Implementing environmental controls (including sediment control) • Installation of temporary work on concourse • Brickwork underneath stairs on platforms • Temporary footpath closure on Haldon Street bridge for anti-throw screen maintenance work
Services building site on Railway Parade near Bellevue Avenue:	• Delivery of plant and materials • Signage and traffic control will be in place for worker and public safety • Electrical work, cable installation, cladding, mechanical services installation • Installation of temporary fencing and galvanised steel troughing • Brickwork, concrete cutting, and installation of fire dampers • Painting of bulkheads and infill • Installation of solar panel cables, hydraulic services, pit lid and grate • Regrading roadside of MSB, and installation of stormwater line
Lakemba substation, off The Boulevarde, near Taylor Street:	• Detailed excavations, bringing in and removing materials • Reinstating the perimeter fence • Traffic control to facilitate truck movements on The Boulevarde • Installation of perimeter columns, facade panels, glazed tile panels, and anti-graffiti paint • Installing cables, cable service routes and cable supports, conduits, transformers, and drainage • Mechanical and electrical fit out • Streetscaping including driveways, kerbs, footpaths, and permanent fencing, plus landscaping

**From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.*

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the table below.

Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Cable installation within the rail corridor • Installation of temporary works on concourse, steel structure and containment on the concourse • Relocation of PA systems and security camera on concourse • Platform defect works • Brickwork around condenser slab • Cable installation between Services Building and Station Building • Hearing loop installation • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete works associated with installing galvanised streel troughing and new cable routes.
Upcoming rail possession: **Friday 3 February to Sunday 5 February 2023**	• Installing facade panel at Lakemba substation • Electrical work at station building • Delivery of plant and material including preparatory activities for upcoming out-of-hours work. • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing. • Delivery of plant, equipment and material including storage and removal as required • Signage and traffic control will be in place for the safety of workers and the public • Plant mobilisation and demobilisation • Installation of ballast ramps • Temporary lane closures will be in place when required at Haldon Street Bridge, Railway Parade and The Boulevarde near the station. ○ Signage and traffic control will be in place for the safety of workers and the public • Electrical fit-out, cable installation, mechanical installation and containment in platform building and concourse • Lighting containment installation in station building and on platform • Installation of Galvanised Steel Troughing • Installation of negative bus bar ULX conduits and footings • Installation of replacement glazing at Haldon Street bridge • Brickwork underneath stairs on platform • Occupation of car spaces along Boulevard (intersection with Kathleen St) and The Boulevarde intersection with Croydon St

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au.

For all other work please ask for **Julian** or email SouthwestMetro@transport.nsw.gov.au.

Thank you for your patience while we complete this essential work.

1800 171 386 Community information line open 24 hours

southwestmetro@transport.nsw.gov.au

Sydney Metro City & Southwest, PO Box K659, Haymarket NSW 1240

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Notification – Punchbowl to Bankstown

February 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Punchbowl Station (weather and site conditions permitting). Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Punchbowl to Bankstown (along the rail corridor)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • De-vegetation and tree clearing throughout the rail corridor where required • Works associated with installation of fencing, high voltage pits, cable service routes, rail access pads and galvanised steel troughing (GST) • Modification and upgrade works to bridges along the rail alignment including Stacey Street bridge • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of cabinets and cables
Punchbowl Station and surrounding areas & Concourse	• Installation of internal cladding, lighting and ceiling on concourse building • Lift installation • Station and concourse building fit out • Landscaping work to The Boulevarde side of Punchbowl Station and Rest Park • Kiss and ride at The Boulevarde
Services building site off Urunga Parade, adjacent to the rail line	• Building fit out • Landscaping and associated activities • Asphalting • Installing fencing
Punchbowl substation, off South Terrace near Scott Street	• Detailed excavations, bringing in and removing materials • Traffic controllers to facilitate truck movements onto South Terrace • Installing conduits, drainage, and cables • Drainage work on South Terrace and site investigation of existing services • Mechanical and electrical fit out • Installing vehicle gate to substation • Streetscaping, including driveways, kerbs, footpaths, and permanent fencing, plus landscaping

From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.

Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table:

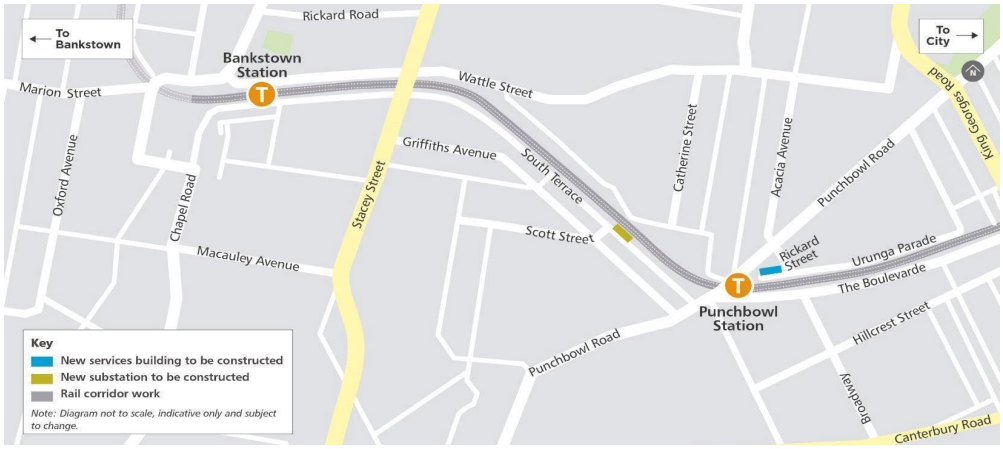
Date / time	Details of out-of-hours (including night) work
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work

	• Concrete work associated with installing galvanised streel troughing, new cable routes and bridge upgrades • Modification and upgrade work to culverts and bridges along the rail alignment along Stacey Street bridge including temporary alternate lane closures along Stacey Street bridge

Upcoming rail possessions:
 	
Friday 3 February to Sunday 5 February 2023
	• Building fit out
	• Platform furniture install
	• High level containment installation
	• Miscellaneous steel work
	• Installation of concourse glazing, balustrade, roofing and ceiling
	• External & internal concourse cladding & finishes
	• Cable pulling
	• Trackside Equipment
	• DCSO structural steel frame & earthing installation
	• Installation of cable service routes and support equipment (traction negative bar) between the tracks at Punchbowl Station
	• Removal of redundant over-head wire footings
	• Modifications to cable service routes
	• Installation of signal equipment and cable pulling
	• Modification and upgrade of culverts and bridges along the rail alignment along Stacey Street bridge including:
	  ○ Temporary alternate lane closures along Stacey Street Bridge
	  ○ Temporary lane closure and removal of parking along South Terrace between East Terrace and Stacey Street bridge

Equipment used for the above work will include excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, sucker trucks, delivery vehicles, borehole drillers, rollers, generators, whacker packers, dump trucks, wood chippers, mulchers, grass cutters, telehandlers, crane trucks, drilling rigs, lifting machinery, elevated work platforms, bobcats, concrete pumps, cable pulling equipment, compactors, lighting towers, forklifts, chainsaw, water carts, vibrating plates, crane 400T, franna crane, elevated work platform, concrete pump, excavator and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers. **Where temporary footpath changes, car parking removal or lane closures are required for works, traffic control, pedestrian detours and signage will be in place to assist the community.**



Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au. For all other works please ask for **Claire** or email SouthwestMetro@transport.nsw.gov.au. **Thank you for your cooperation while we complete this essential work.**

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City & Southwest

Notification – Wiley Park

February 2023

Sydney Metro is Australia's biggest public transport project.

By 2030, Sydney will have a network of four metro lines, 46 stations and 113km of new metro rail.

Sydney Metro is revolutionising how Australia's biggest city travels, connecting Sydney's north west, south west and greater west to fast, reliable turn-up-and-go metro services with fully accessible stations.

Passenger services from Chatswood to Sydenham will commence in 2024, then on to Bankstown within 12 months.

In February, work will continue along the corridor and at Wiley Park Station (weather and site conditions permitting).
Work will be undertaken during standard construction hours, **Monday to Friday 7am-6pm** and **Saturday 8am-6pm.**

Location	Details of work during standard construction hours (daytime)
Wiley Park (along the rail corridor)	• Delivery of construction plant and material including traffic control • Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees, vegetation and asbestos (if encountered and required) • Utilisation of the Faux Street / The Boulevarde rail corridor access gate and laydown areas • Installation of security fencing and trackside access ramp • Landscaping work • Installation of cabinets and cable pulling within the rail corridor • Installation of cable service routes, galvanised steel troughing (GST). • Relocation of Ausgrid cable routes • Delivery of plant and material including preparatory activities for upcoming out-of-hours work
Wiley Park Station	• Delivery of construction plant and material as required including traffic control • Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Removal of trees, vegetation and asbestos (if encountered and required) • Ramp asphalting works requiring local footpath/lane closures and diversions on Stanlea Parade, The Boulevarde and King Georges Road • Concourse paving, finishing and painting works • Installation of roofing and platform balustrade • Ongoing landscaping works • Platform 1 and 2 building construction works • Mechanical, plumbing, and electrical installations

Out-of-hours work
Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work is detailed in the following table.

Date / time	Details of out-of-hours work and work during planned rail shutdowns
Mid-week between **6pm and 7am Wednesday 1 February and Saturday 4 March 2023** (for no more than 3 nights per week)	• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Concrete work associated with installing galvanised steel troughing, new cable routes and bridge upgrades

Upcoming rail possessions: **Friday 3 February to Sunday 5 February 2023**	• Installation of cable support equipment (traction negative bar) between the tracks at Wiley Park Station • Delivery of plant and material including preparatory activities for upcoming out-of-hours work • Installation of cable service routes, culvert pits and hi-rail access pads • Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations, de-vegetation and surveys for drainage, utilities, and fencing. • Corridor security fencing works, glazing installation and platform roofing works • Scaffold removals and alterations • Paving work

Equipment used for all the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

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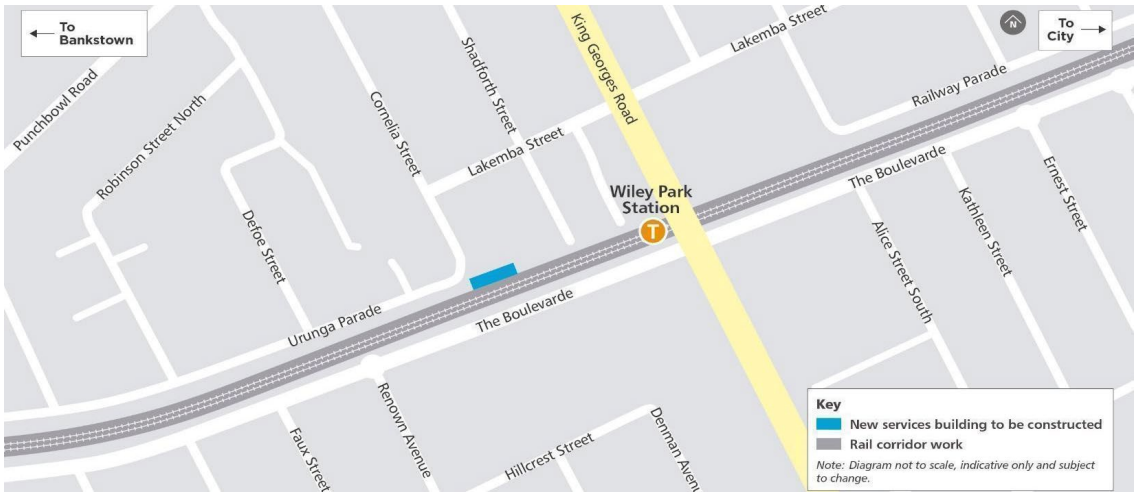

Keeping you informed

You can contact us on **1800 171 386** (24 hour community information line). If you have questions about the **substations** please ask for **Chris** or email LinewideMetro@transport.nsw.gov.au. For all other work please ask for **Hilda** or email SouthwestMetro@transport.nsw.gov.au.

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