

Planning Approval Environmental Review Form

SM ES-FT-414

Sydney Metro Integrated Management System (IMS)

Assessment Name:	Punchbowl Station storing of padmount transformers
Prepared by:	Sydney Metro
Prepared for:	Systems Connect - Linewide
Assessment number	TfNSW 66
Type of assessment:	Assessment under EP&A Act 1979, Division 5.1
Version:	Final
Planning approval No. (where relevant):	SSI_8256
Date required:	7/10/2022
iCentral number	SM-22-00412168

Form information – do not alter

Form number	SM ES-FT-414
Applicable to:	Sydney Metro
Document Owner:	Associate Director, Planning Approvals
System Owner:	Executive Director, Environment, Sustainability & Planning
Status:	Final
Version:	1.0
Date of issue:	June 2022
Review date:	As required
© Sydney Metro 2022	

OFFICIAL

Table of Contents

Environmental Review.....	3
1. Proposed works and justification.....	3
2. Consistency with Conditions of Approval	5
3. Environmental review	5
4. Recommendation	7
5. Certification	7
6. Endorsement.....	8

Environmental Review

1. Proposed works and justification

An environmental review is applicable to design changes which are consistent with the conditions of approval and would have no additional impacts on the community and/or the environment. This environmental review is required to demonstrate compliance with the conditions of approval and the Sydney Metro Sydenham to Bankstown Environmental Impact Statement (EIS) and the Sydenham to Bankstown Submissions and Preferred Infrastructure Report (SPIR). A description of activities is listed in Table 1 and an assessment provided in Section 2.

Table 1 Description of proposed works

Description	Overview
Location of works	Punchbowl Station carpark on Urunga Parade, Punchbowl (Refer to Figure 1 and 2).
Scope of works	Storage of padmount transformers on two Council carparking spaces at Punchbowl Station from the end of the October possession period until they can be replaced in the station during a future possession period.
Justification for works	<p>The padmount transformers were required to be removed from the station construction site so that so that rectification works could be undertaken on the slab beneath. This will allow a manhole to be made for cable joint maintenance work.</p> <p>There is no available, safe space within the construction boundary to store these while the works are undertaken.</p>
Timeframe for works	Work is expected to commence from the October possession period (ending 9 October 2022), and it is intended that the proposed works would be completed by Linewide during a possession period, mid-November, subject to Council permit.
Work hours, workforce and equipment / machinery	The items would be stored, stationary in this location 24 hours per day for 7 days per week over the period. An approved OOH permit is in place for the removal of the items from their previous location to this location during the October possession period. They may need to be replaced into the station during an Out of Hours period, in which case the OOH application approval process would be followed.



Figure 1 Location of works area

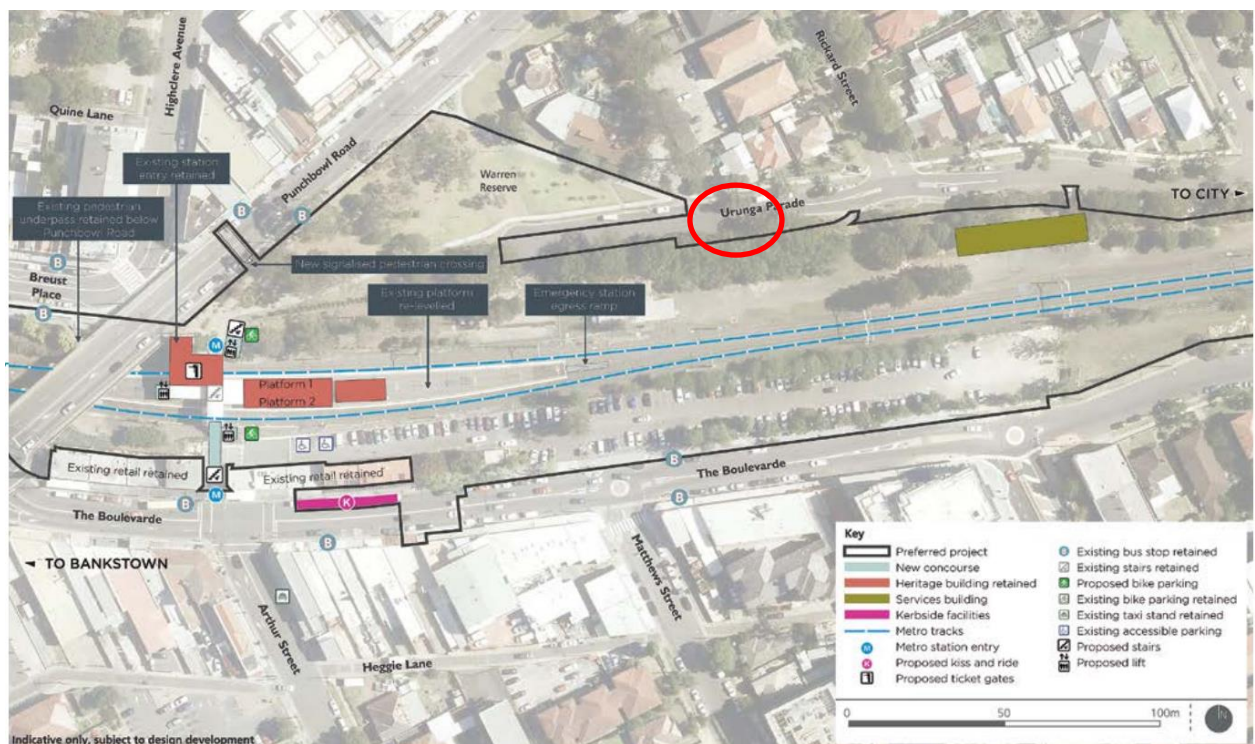


Figure 2 Punchbowl Station Site Boundary (Figure 9.9 of the SPIR) - work area circled in red

2. Consistency with Conditions of Approval

The following table outlines whether the proposed changes would be consistent with the relevant Conditions of Approval.

Table 2 Comparison of the proposal with relevant elements of the Approved Project

Relevant elements of the Approved Project	Proposed Change
<p>The approved Project (SSI_8256 Sydney Metro City & Southwest – Sydenham to Bankstown) allows for materials laydown in the project area.</p> <p>The Project footprint is defined in the Sydenham To Bankstown Submissions And Preferred Infrastructure Appendix B - Preferred project description Report, Section 1.1.1, Figure 1.14.</p> <p>An approved Consistency Assessment - Temporary Transport Plan October 2022 school holidays allows for commuter carparking to be impacted during the possession period for equipment and machinery laydown.</p>	<p>The location of the laydown of the padmount transformers and the plant and area required for their movement is on and adjacent to the approved project site boundary for Punchbowl Station.</p>


3. Environmental review

The following table provides a risk review of the potential environmental impacts of the proposed works.

Table 3 Environmental review

Environmental review	Yes / No	Description of impacts (including consideration of safeguards required by the Approved Project)
Is the proposal to take place outside of the construction footprint of the project	Yes	Location of stored items is on and adjacent to the approved project site boundary for Punchbowl Station.
Is the location of works within the existing EPL premise boundary	Yes	The work is associated with the Sydney Trains EPL 12208 through a Sydney Trains Collaboration Agreement.
Will the works take longer than 2 weeks to complete.	Yes	The padmount transformers would be store for approximately 6-10 weeks
Does the work require OOHW approval	Yes	The items may be moved from the laydown area during an Out of Hours period, in which case an OOHW approval would be in place.
Will the works impact an EEC or threatened species	No	No EEC or threatened species applicable to the area.
Will works impact on native vegetation	No	No clearing of vegetation required.
Will the works impact on habitat trees	No	No clearing of vegetation required.
Will clearing of non EECs or ground disturbance be of High / moderate condition vegetation. What is the area of impact	No	No clearing of vegetation required.

OFFICIAL

Will the works result in medium / high noise or vibration impacts Will noise and vibration impacts on sensitive receivers be greater than that predicted in the EIA	No	There would be no noise impacts associated with the laydown of the items. Noise impacts for placement in and removal from this area would be in line with the Noise and Vibration Management Plan. If Out of Hours work is required, it would be assessed through the Out of Hour application process.
Will the works result in medium/ high air quality impacts	No	The scope of works would not result in medium/high air quality impacts.
Will the activity be located adjacent to or in close proximity to sensitive receivers	Yes	The work is across the road from sensitive receivers.
Will works impact on an Aboriginal / European heritage site different to that predicted in the EIA	No	Works would not impact on an Aboriginal / European heritage site different to that assessed within in the Approved Project.
Are works within 10m of a watercourse	No	Works are greater than 10m away from a watercourse.
Are works in an area of known contamination	No	Works would not involve any disturbance of soil, is associated with hard surfaces only.
Will the works result in temporary or long-term traffic impacts	Yes	The items would be stored on local council carparking spaces. Council Permit for this has been granted.
Will the works result in visual impacts to sensitive receivers	No	The stored items are replacing carparking spaces in front of the station site and the Sydney Metro branded hoarding would be in place for the duration. 
Will the works involve significant earthworks	No	The works would not involve significant earthworks.

4. Recommendation

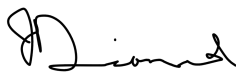
Based on the above assessment, and with reference to the Sydney Metro Sydenham to Bankstown Environmental Impact Statement (EIS) and Sydenham to Bankstown Submissions and Preferred Infrastructure Report (SPIR), including the conditions of approval and associated CEMP and plans, it is recommended that:

Yes	The proposed design/construction change is consistent with the Approved Project Sydney Metro Sydenham to Bankstown EIS and Sydenham to Bankstown SPIR including the conditions of approval, has negligible impacts on the community and environment and no further assessment is required.
No	The proposed design/construction change is likely to be consistent with the Approved Project Sydney Metro Sydenham to Bankstown EIS and Sydenham to Bankstown SPIR, however more than a negligible impact on the community and environment may result and further assessment in the form of a Planning Approval Consistency Assessment form is required to be completed and submitted to the Planning team for the proposed design/ construction change.
No	The proposed design/ construction change is not substantially the same as the Approved Project and is considered a radical transformation. A new planning pathway should be considered.

5. Certification

The above information provides a true and fair review of the proposed works.

Prepared by (signed):



Date: 7/10/2022

Name: Julia Diamond

Position: A/ Environmental Manager, Sydney Metro


6. Endorsement

I have reviewed the above review and provide the following endorsement:

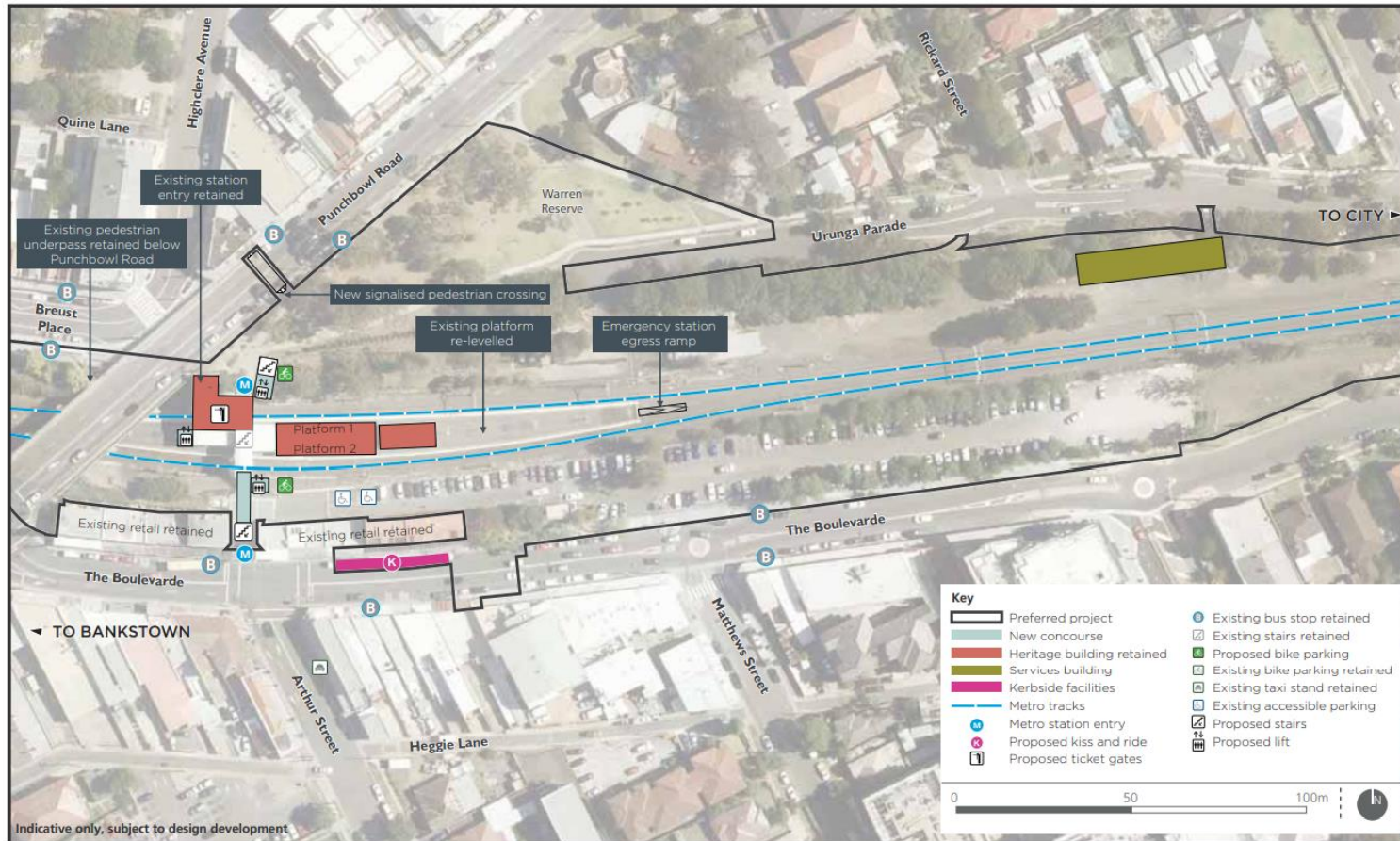
✓	The proposed design/construction change is consistent with the Sydney Metro Sydenham to Bankstown EIS and Sydenham to Bankstown SPIR, has negligible impacts on the community and environment and no further assessment or modification of the planning approval is required.
	The proposed design/construction change is likely to be consistent with the Sydney Metro Sydenham to Bankstown EIS and Sydenham to Bankstown SPIR, however more than negligible impacts are expected on the community and environment and further assessment is required.
	The proposed design/construction change constitutes a project modification and requires further assessment and approval.

This endorsement is conditional on the following:

1. All works will be carried out in accordance with the Sydney Metro Sydenham to Bankstown EIS and Sydenham to Bankstown SPIR and the Project Conditions of Approval.
2. All works will be carried out in accordance with the approved Construction Environmental Management Plan and any relevant sub plans.
3. All works will be carried out in accordance with any additional management measures identified in the Environmental Review, unless otherwise noted by this endorsement.

Comments (if any):	
Signed:	
Endorsed by:	Fil Cerone Director Environment, Sustainability & Planning
Date:	7 October 2022

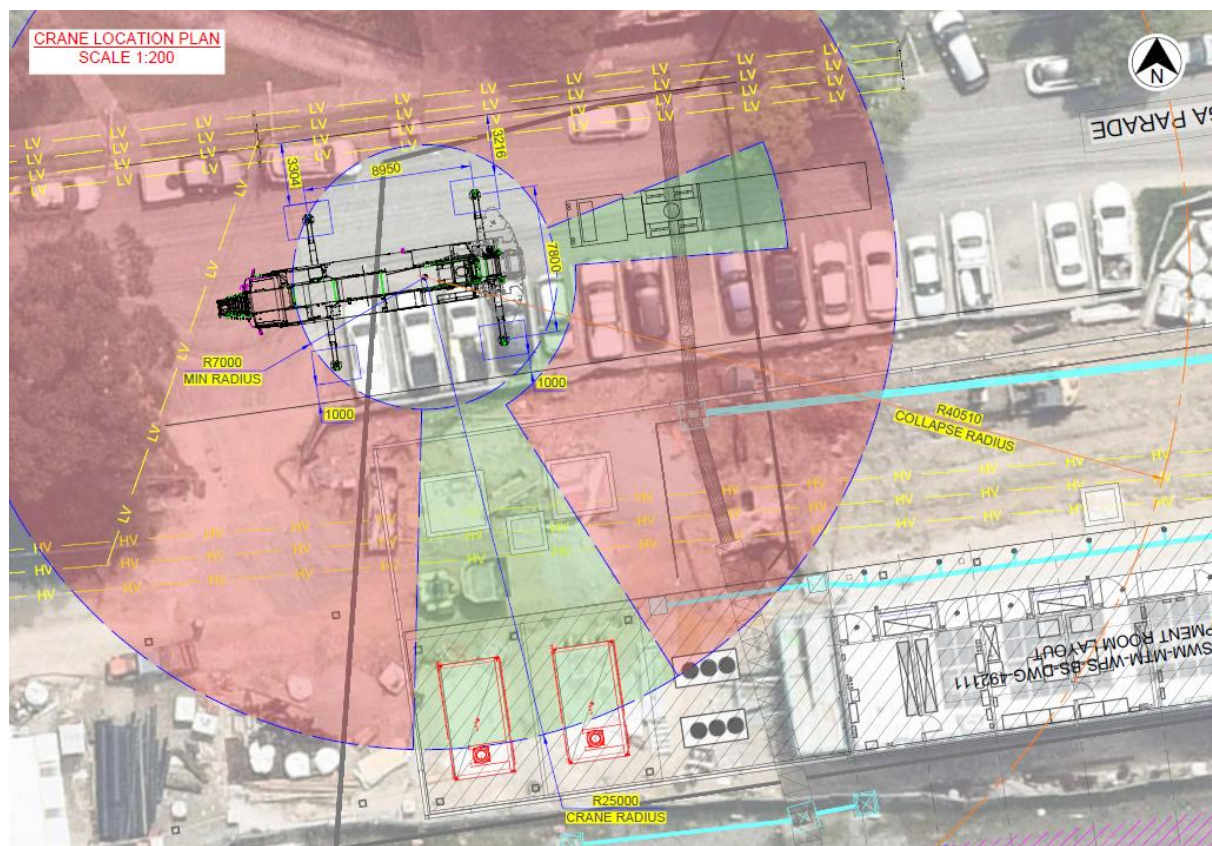
Appendix A – Punchbowl Station location and construction area



Punchbowl Station - indicative layout of key design elements

FIGURE 1.14

Punchbowl Padmount Transformer



Appendix B – Canterbury Bankstown Council Permit



15-Sep-2022

Systems Connect
Attention: Mong Sim
Level 1
116 Miller St
NORTH SYDNEY NSW 2060

Our Ref: WP-CON-2134/2022
Officer: Mustafa Ways

Dear Sir,

Standing Plant Permit (METRO)	
Work Permit Number:	WP-CON-2134/2022
Site Address:	Urunga Parade, Punchbowl NSW 2196
Activity:	Temporary occupation of 6 parking spaces and operation of mobile crane related to the temporary laydown of transformers.
Specific Location:	Between Punchbowl Road & Rickard Street
Date & Hours:	Start Date: 23 September 2022 Start Time: 16:00 End Date: 31 October 2022 End Time: 18:00

This permit covers the use of land that is considered Council Roadway only. For use of land not considered Council Roadway, approval from relevant Authorities is required, which is not covered in this permit.

Your Work Permits for the above location have been approved. The following conditions have been imposed to ensure compliance with the Roads Act 1993 and/or the Local Government Act 1993 for the safety of persons using the public footpath and roadway adjacent to the site:

CONDITIONS OF APPROVAL

- 1) Traffic control measures to be implemented as per approved TCP titled "Urunga Pd, Punchbowl Stop slow for lifting of transformers", drawn by Mong Sim for System Connects, dated 08/06/2022, Issue 1, checked by Mong Sim.
- 2) If required, a Police Permit must be obtained from the Local Police Station. Please present this letter to the Police when applying for a permit.
- 3) Carry out all work in accordance with SafeWork NSW authority's requirements.
- 4) A thoroughfare for emergency vehicles must be provided at all times.
- 5) All affected residents, businesses, emergency authorities and service providers must be notified of the work and road occupancy prior to commencement. Any concerns or requirements raised by business proprietors, residents or other occupants must be resolved or accommodated.
- 6) A current Public Liability Insurance Policy of at least \$20 million, and indicating Council as the interested party, shall be maintained during the time Council's Road Reserve is occupied.

- 7) All work is to be carried out in accordance with Australian Standards AS1742.3 – Traffic Control Devices for works on roads and in accordance with the latest version of Traffic Control and Worksites Manual (TCAWs).
- 8) The Traffic Control Plan and/or Pedestrian and Traffic Management Details as specified in your application must be implemented.
- 9) A minimum 3 metre traffic lane width must be maintained at all times.
- 10) The alternative pedestrian access route must be safe, clearly visible, appropriately delineated/ barricaded and signed at all times.
- 11) Adequate lighting and reflective devices shall be provided around the work area to ensure clear visibility to traffic and pedestrians
- 12) All control of traffic must be performed by official TfNSW authorised Traffic Controller(s).
- 13) A copy of this Permit and approved Traffic Control Plan must be kept on the work site for inspection by relevant Council Officers or the Police.
- 14) The applicant shall comply with any reasonable directive from Council's Compliance Officers or the Police.
- 15) The areas to be used for the activities must be maintained in a clean and tidy condition to the satisfaction of Council's Compliance Officer.

NOTE

(Note: This advice does not form a condition of approval)

Damage to public infrastructure (utility services or others) may result in interruption to the provision of essential services at significant costs. If you are aware of any work or proposed work which may affect or impact on public infrastructure in any way, you are required to contact the relevant authority.

For further information, please contact **Mustafa Ways** of Council's Development Engineering Services – via workpermits@cbc.city.nsw.gov.au.







Yours faithfully,



Mustafa Ways
WORK PERMIT OFFICER
DEVELOPMENT ENGINEERING SERVICES



The undersigned has obtained "Prepare A Work Zone Traffic Management Plan" certification.
Certificate # 0052317834 Mong Sim

LEGEND						NOTES		PLOT DATE / TIME		PLOT BY M SIM		CLIENT		A3	
REVISION DESC. REV DATE APPROVAL SCALES ON A3 SIZE DRAWING						DRAWINGS / DESIGN PREPARED BY		TITLE		NAME		DATE		Urunga Pd, Punchbowl Stop slow for lifting of transformers	
						Mong Sim. PWZTMP Card # 0052317834 		DRAWN		M.SIM		8/6/22			
 Line-Wide work area														SHEET	
 Parking takeout approx. location								DRG CHECK		M.SIM		8/6/22			
 Traffic controller ute								DESIGN						PREPARED FOR 	
 Traffic controller								DESIGN CHECK							
								TRAFFIC MNGR						SC TCP 4001 Urunga Pd, Punchbowl	
														ISSUE STATUS	
														SHEET No.	
														ISSUE	
														1 / 1	
														1	

Appendix C – Community Work Notification

Notification – Punchbowl to Bankstown

September 2022

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 September, work will continue along the corridor and at Punchbowl Station (weather and site conditions permitting). Work will be undertaken Monday to Friday 7am-6pm and Saturday 8am-6pm. All work activities are subject to relevant approvals and will be tailored to the evolving Covid-19 situation at the time. Work activities may change due to ongoing industrial action at Sydney Trains.

Location	Details of work during standard construction hours (daytime)
Punchbowl to Bankstown (along the rail corridor)	<ul style="list-style-type: none"> 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
Punchbowl Station and surrounding areas & Concourse	<ul style="list-style-type: none"> Installation of internal and external cladding on concourse building Cleaning of station building facade and cladding Lift installation Station and concourse building fit out Landscaping works to The Boulevard side of Punchbowl Station and Rest Park Platform light and ceiling install Glazing installation
Services building site off Urunga Parade, adjacent to the rail line	<ul style="list-style-type: none"> Building fit out, landscaping and associated activities Asphalting and installing concrete driveway and fencing - this will involve a staged partial closure of Urunga Parade
Punchbowl substation, off South Terrace near Scott Street	<ul style="list-style-type: none"> Tree trimming and removal 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 Installing precast facade panels

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 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 in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work are detailed in the table overleaf.

Date / time	Details of out-of-hours (including night) work
Mid-week between 6pm and 7am Thursday 1 September to Friday 30 September 2022 (for no more than 3 nights per week)	<ul style="list-style-type: none"> 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 steel troughing, new cable routes and bridge upgrades Modification and upgrade works to culverts and bridges along the rail alignment along Stacey Street bridge including temporary alternate lane closure along Stacey Street Bridge
Upcoming rail possession: <ul style="list-style-type: none"> 8pm Friday 23 September to 5am Monday 10 October 2022 	<ul style="list-style-type: none"> Installing precast facade panels at the Punchbowl substation site Concourse work including ceiling work, asphaltting, and installation of structural steel, glazing, roofing, glazing, asphaltting & ceiling. Precinct work including demolition of the north plaza parcel room, rest park landscaping work and south plaza landscaping works. Platform work including installation of platform light poles, furniture, tactiles, and asphaltting Corridor work including cable pulling, GST install, remediation to existing steel, installation of earthing electrodes and installation of trackside equipment install Padmount removal on Urunga Parade Punchbowl Installation of cable service routes, GST, underline crossings and rail access pads Installation of cable service routes, GST, underline crossings and 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 Modification and upgrade works to culverts and bridges along the rail alignment along Stacey Street bridge including temporary alternate lane closure along 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.

 **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**