

DOCUMENT NO.	D2022/3679
WORK DESCRIPTION	Routine network maintenance activities - Tempe - ASB
WPP Number	CS11C 10112
SCOPE:	<p>This SWI is applicable for the worksite protection arrangements using lookout working concerning routine network maintenance, defect management and repair of assets within the limits specified below and in the attached plan.</p> <p>Work activities include:</p> <ul style="list-style-type: none"> Routine preventative and corrective work such as inspections and maintenance as appropriate for the type of protection being applied as part of this plan.
AUTHORISATIONS:	<p>Protection Officer:</p> <ul style="list-style-type: none"> Protection Officer Level 1 or higher
SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:	<p>Absolute Signal Blocking established to exclude Rail Traffic on:</p> <ul style="list-style-type: none"> Up Illawarra Local between SM 648 IL signal and SM 636 IL Signal. Down Illawarra Local between SM 639 IL signal and SM 647 IL Signal. <p>For Reference Only:</p> <p>The Accessed Worksite is Protected by:</p> <ul style="list-style-type: none"> SM629 IL and SM639 IL Signals at STOP on Down Illawarra Local SM656 IL and SM648 IL Signals at STOP on Up Illawarra Local 750 Points Secured in Normal, with SM650 I Signal Route Blocked on Up Illawarra 746 Points Secured in Normal and SM641 G Signal at STOP on Down Goods 747 Points Secured in Normal and SM643 Signal at STOP on Up Goods 749 Points Secured in Normal
PRESTART REQUIREMENTS:	<p>Protection Officer assessment checklist must be completed before instructions in this SWI are followed.</p> <p>Tools and equipment required:</p> <ul style="list-style-type: none"> Protection Officer requires a phone to contact the Signaller
FURTHER INFORMATION:	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 308 Absolute Signal Blocking</i></p> <p><i>NPR 703 Using Absolute Signal Blocking</i></p> <p><i>NGE 200 Walking in the Danger Zone</i></p> <p><i>NLA 400 Central to Sutherland</i></p> <p><i>NLA 510 Sydenham to Glenfield</i></p>

Protection Officer assessment checklist

Protection Officer's name:

Yes*(Tick if Yes)*

This document is still current at the time of its application? (Up to 12 months from the document issue date)

On-site safety assessment has been completed and additional hazards and controls recorded on the pre-work briefing (Page 3).

SWI details and protection arrangements have been reviewed and validated for the assessed worksite location.

Corridor Safety Number**Protection Officer Signature****Date****Warning**

If an above item does not apply, the Protection Officer must not use this Safe Work Instruction. A new worksite protection plan must be completed in accordance with NRF 014 Worksite Protection Pre-work briefing and NRF 015 Worksite Protection Plan.

Safe Work Instruction**Worksite Protection for Tempe Routine Network Maintenance Activities****Worksite Protection Pre-work Briefing**Briefing date: **Protection Officer Details**

<input type="text" value="name"/>	<input type="text" value="signature"/>	<input type="text" value="contact No."/>
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Work location: Scope of work: Worksite protection: Refer to Worksite Protection Plan for details

Hazards (e.g. Site specific hazards identified, including physical environment, human errors, plant and equipment)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Approaching Rail Traffic	ASB implemented on the Up and Down Illawarra Local, as per worksite protection plan. Workers to remain within worksite limits.	Protection Officer
Adjacent live lines	Designated work and walk areas as instructed by the Protection Officer. Workers must remain within the ASB nominated worksite location limits whilst work is being performed.	Protection Officer
Access to / Egress from worksite	Protection Officer will assess and instruct when it is safe for workers to use <i>NGE 200 Walking in the Danger Zone</i> to move to and from the worksite or safe place.	All
Mobile phone distraction	Mobile phone usage is not allowed in the Danger Zone. Mobile phones may be used only in a safe place after informing the Protection Officer.	All

Safe Work Instruction

Worksite Protection for Tempe Routine Network Maintenance Activities



Workplace Supervisor Details

<input type="text" value="name"/>		<input type="text" value="contact No."/>	
Emergency assembly point:	Tempe station Carpark	SWMS/SWI Ref #:	<input type="text"/>
First Aid kit location:	Sydney Trains Work Vehicle	First Aider:	<input type="text"/>

Workplace Supervisor Acknowledgement

The Workplace Supervisor acknowledges that all identified WHS and rail safety hazards have the appropriate controls in place to manage and/or eliminate the hazards.

Yes ☐

Participant Acknowledgement

NOTE: Recipients of the briefing are to question the Briefer if they don't understand any part of this briefing.

All workers listed below acknowledge that they:

- | | |
|---|---|
| 1. have been inducted to the site | 6. have been briefed on the contents of the Worksite Protection Plan |
| 2. are free from alcohol and drugs | 7. have been shown the Worksite Protection Plan diagram |
| 3. are free from the effects of fatigue | 8. understand the kinds and limits of worksite protection in place |
| 4. hold the applicable and current Rail Safety Worker Authorisation, trade licence and/or induction record e.g. Construction Industry Induction | 9. have been briefed about any new hazards and controls identified during the final site inspection (<i>final site inspection must be conducted immediately before commencing work</i>) |
| 5. must wear the appropriate Personal Protective Equipment (PPE) | |

Mark each check box below with a tick ☒ if the item applies or a cross ☒ if the item does not apply.

- | | |
|---|---|
| <input type="checkbox"/> have been informed of the requirements of the electrical permit (if required) | <input type="checkbox"/> have been made aware of any hazardous materials/substances on site |
| <input type="checkbox"/> have been briefed on the SWMS/SWIs/documentated safe work practice for the job | <input type="checkbox"/> have been briefed on Safety Data Sheets (SDS) |
| <input type="checkbox"/> have been instructed in the controls recorded in this document and SWMS/SWIs | <input type="checkbox"/> have been briefed on the WHS Management plan |
| | <input type="checkbox"/> have been briefed on the hazards of adjoining worksites/processes. |

Name	Signature	Time of briefing: hh:mm	Amendment briefing: hh:mm and initial

Safe Work Instruction**Worksite Protection for Tempe Routine Network Maintenance Activities****Worksite Protection Plan – Absolute Signal Blocking****1. ASB Request – Protection Officer Details**

name	signature	contact No.
RSW or RIW No.	designation	Planned Duration
Type of work:		

2. Worksite Location

On the	Down Illawarra Local	from	SM639 IL Signal	to	SM647 IL Signal
On the	Up Illawarra Local	from	SM 648 IL Signal	to	SM 636 IL Signal

3. Protection to be used

Signal(s) at STOP with blocking facilities applied	Points secured
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Protection is required from other Signallers(s) at	N/A	Location / panel	N/A	Location / panel
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4. Assurances

All points of entry into the affected portion of track are protected and blocking facilities applied ☐

The last rail traffic to pass the protection was	rail traffic ID	The last known location of rail traffic is	location
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Confirm that there is no rail traffic between the protection and the worksite ☐

5. Authorisation

Authorised by Signaller	name	Wolli Creek panel	hr	/	/
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Protection Number		Notes	
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6. Temporarily Suspending ASB

Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr

7. Re-establish ASB assurances

The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID
The last known location of rail traffic is	location	The last known location of rail traffic is	location	The last known location of rail traffic is	location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection Number		Protection Number		Protection Number	

8. Ending

Provide name and worksite location	<input type="checkbox"/>	Workers and equipment clear of the Danger Zone	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Ended at	hr
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6. Temporarily Suspending ASB

Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr

7. Re-establish ASB assurances

The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID
The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr
Protection Number	<input type="text"/>	Protection Number	<input type="text"/>	Protection Number	<input type="text"/>


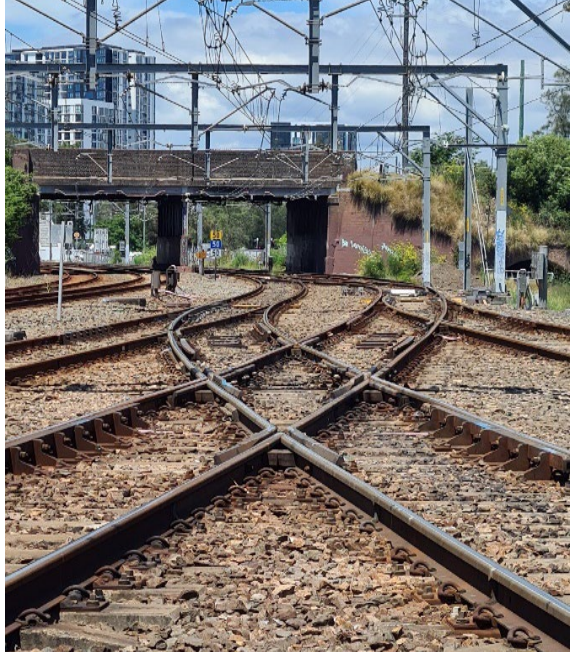
Notes

6. Temporarily Suspending ASB

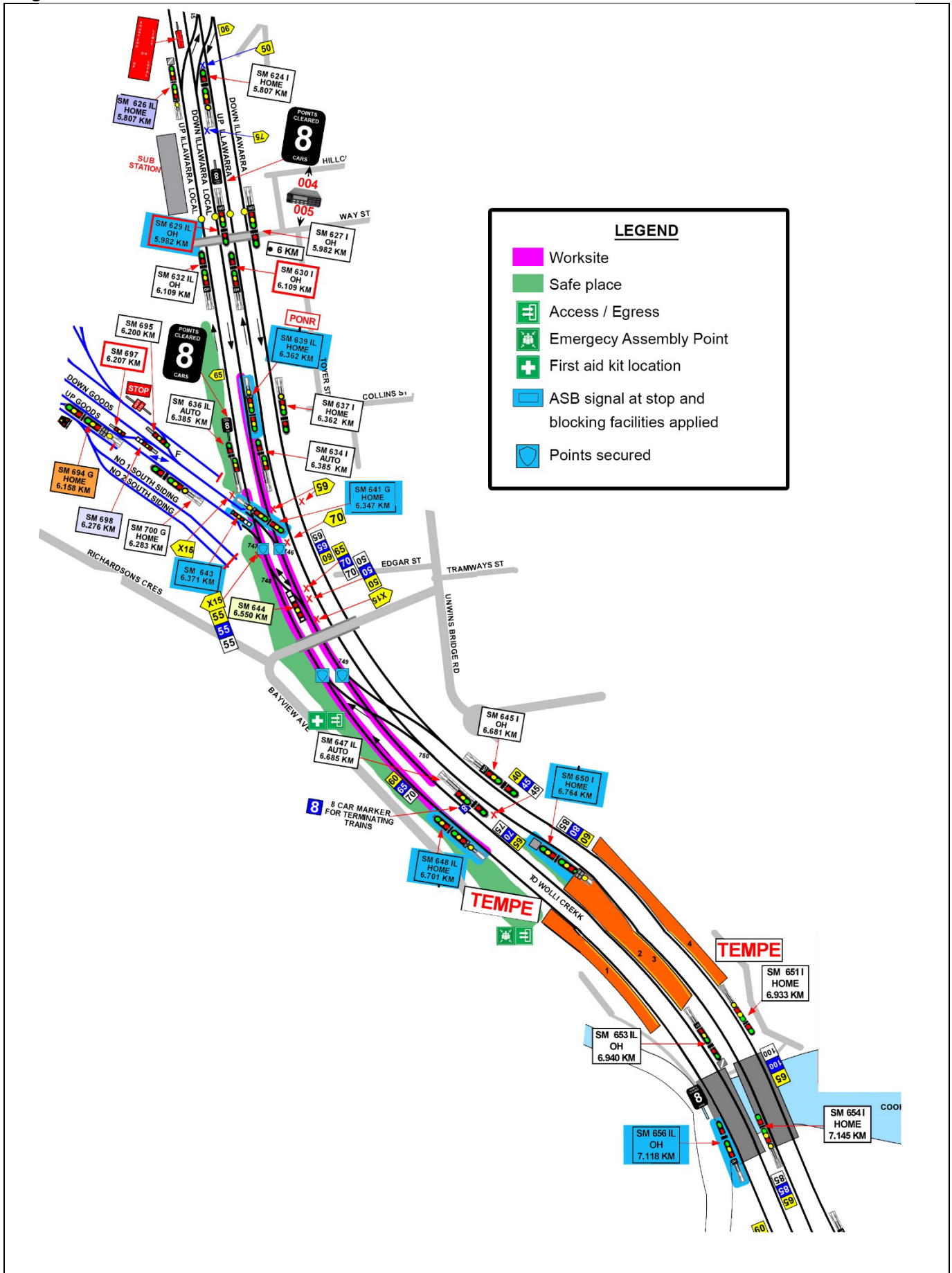
Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr

7. Re-establish ASB assurances

The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID
The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr
Protection Number	<input type="text"/>	Protection Number	<input type="text"/>	Protection Number	<input type="text"/>

INSTRUCTIONS:	<ol style="list-style-type: none"> Workers enter the rail corridor via 100 6.733 U at the City end of Tempe Station Upside carpark. Protection Officer briefs workers about the worksite protection arrangements. Protection Officer contacts Wolli Creek Panel, to request the ASB on the Up and Down Illawarra Locals. After ASB has been authorized, start work within the limits of the nominated worksite location. After work is complete, workers move to a safe place. Protection Officer contacts the Signaller at Wolli Creek Panel to end ASB. All workers egress the rail corridor via 100 6.733 U at the City end of Tempe Station Upside carpark
ADDITIONAL DETAILS	<p><u>Suspending ASB</u></p> <p>If the ASB is required to be suspended, the Protection Officer must make sure all workers and equipment are clear of the Danger Zone and are in a safe place before suspending the ASB.</p>
IMAGES:	<div data-bbox="375 638 798 667"> <p>Image 1: Access gate 100 6.733 U Tempe Station</p>  </div> <div data-bbox="965 638 1444 667"> <p>Image 2: 746 and 747 points within the worksite location</p>  </div>

Diagram



Protection Officer's diary

[illegible]