

# ASB Worksite Protection for Villawood routine network maintenance activities

<b>DOCUMENT NO.</b>	D2021/28778
<b>WORK DESCRIPTION</b>	Routine network maintenance activities
<b>WPP Number</b>	SW5C 10046
<b>SCOPE:</b>	<p>This SWI is applicable for the worksite protection arrangements using ASB 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"> <li>Routine preventative and corrective work such as inspections and maintenance as appropriate for the type of protection being applied as part of this plan.</li> </ul>
<b>AUTHORISATIONS:</b>	<p><b>Protection Officer:</b></p> <ul style="list-style-type: none"> <li>Protection Officer Level 1 or higher.</li> </ul>
<b>SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:</b>	<p>Absolute Signal Blocking on the <b>Up</b> and <b>Down Main South line</b> is a fixed worksite location.</p> <p><b>For reference only:</b></p> <p>The assessed ASB protection for the worksite is:</p> <ul style="list-style-type: none"> <li><b>SP 102 signal</b> and <b>SP 112 signal</b> at STOP with blocking facilities applied on the <b>Up Main</b></li> <li><b>SP 81 signal</b> and <b>SP 75 signal</b> at STOP with blocking facilities applied on the <b>Down Main</b></li> </ul>
<b>PRESTART REQUIREMENTS:</b>	<p>Protection Officer assessment checklist must be completed before instructions in this SWI are followed. Tools and equipment required:</p> <ul style="list-style-type: none"> <li>Protection Officer requires a phone to contact the Signaller.</li> </ul>
<b>FURTHER INFORMATION:</b>	<p>NWT 300 Planning work in the Rail Corridor</p> <p>NWT 308 Absolute Signal Blocking</p> <p>NPR 703 Using Absolute Signal Blocking</p> <p>NGE 200 Walking in the Danger Zone</p> <p>NPR 712 Protecting work from rail traffic on adjacent lines</p> <p>NLA 502 Sefton Park Junction</p>

**Protection Officer assessment checklist**

Protection Officer's name:		Yes (Tick if Yes)
This document has not expired 12 months beyond the 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.*

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## Worksite Protection Pre-work Briefing

Briefing date:

### Protection Officer Details

name       signature       contact No.

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
<b>Approaching rail traffic</b>	ASB implemented. Workers to remain within worksite limits. Workers are to stop work and move to a safe place immediately on being warned by the Protection Officer	Protection Officer
<b>Adjacent live lines</b>	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
<b>Access to / Egress from worksite</b>	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
<b>Mobile phone distraction</b>	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

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Workplace Supervisor details

Form fields for Workplace Supervisor details including name, contact No., Emergency assembly point, SWMS/SWI Ref #, First aid kit location, and First aider.

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  signature [ ]

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

Mark each check box below with a tick [x] if the item applies or a cross [X] if the item does not apply.

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

Table with 4 columns: Name, Signature, Time of briefing: hh:mm, Amendment briefing: hh:mm and initial. Multiple empty rows for data entry.

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## 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	Up Main South Line	from	SP 102 signal	to	SP 76 signal
On the	Down Main South Line	from	SP 81 signal	to	SP 107 signal

### 3. Protection to be used

Signal(s) at STOP with blocking facilities applied	Points secured
----------------------------------------------------	----------------

Protection is required from other Signallers at  Location / panel  Location / panel

### 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

Confirm that there is no rail traffic between the protection and the worksite

### 5. Authorisation

Authorised by Signaller  name **Sefton panel – 02 8568 3427**  hr  /  /

Protection Number  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 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"/>

### 8. Ending

Provide name and worksite location  Workers and equipment clear of the Danger Zone  Provide protection number  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

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The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
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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

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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 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"/>

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**INSTRUCTIONS:**

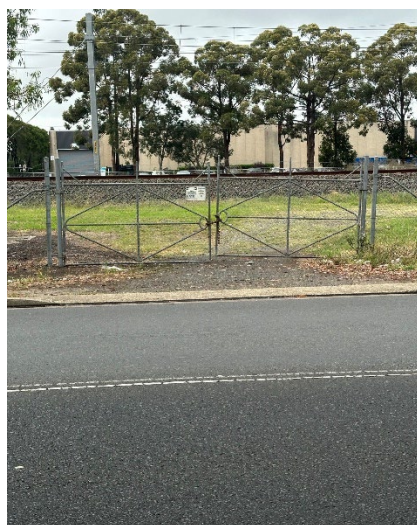
1. Workers enter rail corridor via access gate on River Avenue on upside next to Leightonfield Sectioning Hut.
2. Protection Officer contacts Sefton Panel and requests an ASB.
3. Protection Officer briefs workers on protection arrangements and safe places before the ASB has been authorised. Start work within the limits of the nominated worksite location.
4. Work commences – Protection Officer to warn workers of rail traffic approach on adjacent lines.
5. Workers immediately move to a safe place when warned.
6. Repeat steps 4 – 6 until work is complete work.
7. PO contacts Sefton Panel to end the ASB.
8. All workers egress the rail corridor via access gate S00 24.452U at River Avenue on the up side of station or next to Leightonfield Sectioning Hut Gate S00 24.128 U at Christina Road.

**ADDITIONAL DETAILS**

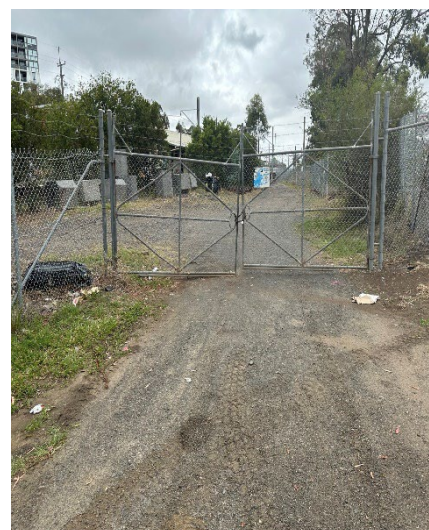
Suspending ASB

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.

**IMAGES:**



**Image 1: Leightonfield Access Gate – Christina Rd**  
S00 24.128 U



**Image 2: Villawood Access Gate – Riverwood Rd**  
S00 24.452 U



**Image 3: View of worksite towards Leightonfield station**



**Image 4: View of worksite towards Carramar station**

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Image 3: View of city side of Villawood Station



Image 4: View towards Leightonfield Station



# ASB Worksite Protection for Villawood routine network maintenance activities

Diagram

