

ASB Worksite Protection for Gordon routine network maintenance activities

DOCUMENT NO.	D2024/2918
WORK DESCRIPTION	Routine network maintenance activities
WPP Number	CN12C 10461
SCOPE:	<p>This SWI is only applicable for the worksite protection arrangements of the routine network maintenance activities performed by the City North Territory maintenance teams on:</p> <ul style="list-style-type: none"> • Track inspections and measurements • Points inspections and measurements • Signal maintenance • Train stops maintenance. • Track-circuit testing • OHW inspections and measurements
AUTHORISATIONS:	<p>Protection Officer: Protection Officer Level 1 or higher</p> <p>Lookout: Handsignaller Level 1 or higher, Protection Officer Level 1 or higher.</p>
SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:	<p>Absolute Signal Blocking on the Up Shore and Local platform road is at a fixed worksite location from SH 10.46 Signal to GN 20 Signals.</p> <p><i>For reference only.</i></p> <p>The assessed ASB protection arrangements are:</p> <ul style="list-style-type: none"> • GN 20 Signal and GN 22 Signal at STOP with blocking facilities applied on the Up Shore line. • 50 and 52 points secured in Normal position
PRESTART REQUIREMENTS:	<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"> • Protection Officer requires a phone to contact the Signaller. • Lookouts require a high-visibility arm sleeve and two horns.
FURTHER INFORMATION:	<p>References</p> <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>NPR 711 Using Lookouts</i></p> <p><i>NPR 751 Calculating Minimum Warning Time</i></p> <p><i>NPR 712 Protecting work from rail traffic on adjacent lines</i></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

Work location: **Gordon between SH 10.46 Signal and GN 20 Signal**

Scope of work: **Routine network maintenance activities**

Worksite protection: **ASB** 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
Struck by rail traffic	Implement ASB as per Network Rules and Procedures. 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
Live adjacent lines	Protection Officer's pre work brief contains designated work and walk area instructions. All work must stop when warned by Protection Officer until rail traffic has passed.	Protection Officer
Access to / Egress from worksite	Access and egress points must be agreed prior to entering the danger zone, consideration should be given to ease of access and safest possible entry and exit points.	All
Mobile phone	Mobile phones use is not permitted in the danger zone unless being used by maintenance staff for critical maintenance communications or recording of defects.	All
Adjacent live lines	Designated work and walk areas as per Protection Officer's instructions. All workers must stop work and moved to a safe place when warned by the Lookout and/ or Protection Officer	Protection Officer
Multiple entry points into worksite	ASB implemented	Protection Officer
Slips, trips, falls and hazards carrying equipment	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 the worksite or safe place.	All

Safe Work Instruction

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Workplace Supervisor details

<input type="text" value="name"/>		<input type="text" value="contact No."/>	
Emergency assembly point:	<input type="text" value="17.260 km UP Cess"/>	SWMS/SWI Ref #:	<input type="text"/>
First aid kit location:	<input type="text" value="Sydney Trains work vehicle /Station"/>	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

Prepared using SMS-06-TP-4317 v1.5, Custodian: Senior Safety Specialist Safety Systems; Approver: Director Safety and Standards; Issue date: 19/08/2021

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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: **Routine network maintenance activities**

2. Worksite Location

On the	Up Shore	from	GN 20	to	SH 10.46
On the	Local Platform Road	from	GN 20	to	SH 10.46

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 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 North Shore 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 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"/>

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"/>
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Protection Number	<input type="text"/>	Protection Number	<input type="text"/>	Protection Number	<input type="text"/>

Notes

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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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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"/>
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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"/>

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<p>INSTRUCTIONS:</p>	<ol style="list-style-type: none"> Workers enter the rail corridor via GATE N30 17.045 U Protection Officer briefs workers about the worksite protection arrangements. Protection Officer contacts the Signaller at North Shore Panel to request ASB. After ASB has been authorised. 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 North Shore Panel to end ASB. All workers egress the rail corridor via GATE N30 17.045 U
<p>ADDITIONAL DETAILS</p>	<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> <p>Rail traffic that enters Gordon Platform 2 on the Down Shore line may travel onto the Up shore through 52 and 50 points. The ASB may be suspended for an extended period because of this.</p>
<p>WORKSITE</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>Image 1: Worksite view towards the Central</p> </div> <div style="width: 50%;"> <p>Image 2: Worksite view towards the Hornsby</p> </div> <div style="width: 50%;"> <p>Image 5: GN 20 & GN 22 at stop and 52 points secured normal</p> </div> <div style="width: 50%;"> <p>Image 5: GN 20 & GN 22 at stop and 52 points secured normal</p> </div> </div>

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ACCESS /
EGRESS/ EAP



Image 3: Emergency assembly point 17.260 km Gordon commuter car park



Image 4: Access gate to worksite GATE N30 17.045 U at Werona Ave

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Diagram



