### **ASB Worksite Protection for Gordon routine network** maintenance activities



DOCUMENT NO.	D2024/2918
WORK DESCRIPTION	Routine network maintenance activities
WPP Number	CN12C 10461
SCOPE:	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:  Track inspections and measurements  Points inspections and measurements  Signal maintenance  Train stops maintenance.  Track-circuit testing  OHW inspections and measurements
AUTHORISATIONS:	Protection Officer: Protection Officer Level 1 or higher  Lookout: Handsignaller Level 1 or higher, Protection Officer Level 1 or higher.
SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:	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.  For reference only.  The assessed ASB protection arrangements are:  • 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:	Protection Officer assessment checklist must be completed before instructions in this SWI are followed.  Tools and equipment required:  Protection Officer requires a phone to contact the Signaller.  Lookouts require a high-visibility arm sleeve and two horns.
FURTHER INFORMATION:	References  NWT 300 Planning work in the Rail Corridor  NWT 308 Absolute Signal Blocking  NPR 703 Using Absolute Signal Blocking  NPR 711 Using Lookouts  NPR 751 Calculating Minimum Warning Time  NPR 712 Protecting work from rail traffic on adjacent lines

## **ASB Worksite Protection for Gordon routine network** maintenance activities



Protection Officer assessment checklist					
Protection Officer's name:	<b>Yes</b> (Tick if yes)				
This document has not expired 12 months					
On-site safety assessment has been compre-work briefing (Page 3).					
SWI details and protection arrangements location.					
Corridor Safety Number	Protection Officer Signature	Da	te		

#### 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.

## **ASB Worksite Protection for Gordon routine network** maintenance activities



### **Worksite Protection Pre-work Briefing**

		Briefing date:	1 1
<b>Protection Office</b>	r details		
	name	signature	contact No.
Work location:	Gordon between SH 10.46 Signa	al and GN 20 Signal	
Scope of work:	Routine network maintenance a	ctivities	

Scope of work: Routine network maintenance	activities	
Worksite protection: ASB	Refer to Worksite Protect	tion Plan for details
<b>Hazards</b> (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
	Implement ASB as per Network Rules and Procedures.	Protection Officer
Struck by rail traffic	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	
Live adjacent lines	Protection Officer's pre work brief contains designated work and walk area instructions.	Protection Officer
	All work must stop when warned by Protection Officer until rail traffic has passed.	
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 NGE 200 Walking in the Danger Zone to move to the worksite or safe place.	All

### **ASB Worksite Protection for Gordon routine network** maintenance activities



m	iainte	nance acti	ivities				
Work	place Su	pervisor details	3				
			name				contact No
Eme	ergency as	ssembly point:	17.260 km UP Cess	SWMS/SW	/I Ref #:		
	t aid kit tion:	Sydney Trair	ns work vehicle /Station	First aider:			
Worl	kplace S	upervisor ack	nowledgement				
The \	Workplace Suppriate contro	upervisor acknowled ols in place to manag	ges that all identified WHS and rail safety ge and/or eliminate the hazards.	hazards have th	e Yes		signature
Parti	cipant A	cknowledgen	nent				
NO	TE: Recipier	nts of the briefing are	to question the Briefer if they don't under	stand any part o	f this briefing.		
		d below acknowledg		•			
1.	have been	inducted to the site		6. have b	een briefed or	the contents	of the Worksite Protection Plan
2.	are free fro	om alcohol and drugs	3	7. have b	een shown the	e Worksite Pr	otection Plan diagram
3.	are free fro	om the effects of fation	gue	8. unders	tand the kinds	and limits of	worksite protection in place
4. 5.	licence an	d/or induction record	Rail Safety Worker Authorisation, trade e.g. Construction Industry Induction sonal Protective Equipment (PPE)	the fina		on ( <i>final site ins</i>	hazards and controls identified during spection must be conducted immediately
			if the item applies or a cross 🗷 if the item does	s not annly			
			uirements of the electrical permit (if		een made awa	are of any haz	zardous materials/substances on site
$I_{m}$	. ,	1 : 6 1 41 014/14	10/01/11 / 1 / 1 / 1	have b	een briefed or	Safety Data	Sheets (SDS)
	have been briefed on the SWMS/SWIs/documented safe work practice for the job			have been briefed on the WHS Management plan			
	have been SWMS/SV		ntrols recorded in this document and	☐ have b	een briefed or	the hazards	of adjoining worksites/processes.
Na	me		Signature	Time of brie	efing:		Amendment briefing: hh:mm and initial
				1111.111111			III.IIIII and IIItiai

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### **ASB Worksite Protection for Gordon routine network** maintenance activities



### Worksite Protection Plan - Absolute Signal Blocking

	n	ame			signature				contact No.
F	RSW or RIW	/ No.			designation	Pla	anned Durati	on	_
Type of work: Rou	tine netwo	rk mair	ntenance activ	ities					
2. Worksite Locati	on								
On the	Up Shore	9	from	GI	N 20	to	SH	10.46	
On the Loc	al Platform	Road	from	GI	N 20	to	SH	10.46	
Protection to be us	ed								
			at STOP with acilities applied		Points secu	red			
rotection is required t	rom other S	ignaller	s(s) at		Location / pane	el		Lo	cation / panel
I points of entry into	he affected	portion	of track are pro	otected and b	locking facilitie	s applied			
The last rail traffic to the protection was	pass		rail traf	fic ID The la	st known locat	ion of			location
onfirm that there is n	l o rail traffic∃	betweer	n the protection		_	<u>L</u>			
Authorisation			•						
Authorised by Signal		ame			North Shore	1	hr		1 1
Protection		Idillo	Notes		TTOTAL GIOTO			L	
Number									
6. Temporarily Sus		SB							
Provide the name a worksite location	nd		Provide the na worksite locat			Provide t worksite	the name and location	d	
Workers and equipr			Workers and clear of the D		e 🔲		and equipments		
Provide protection r			Provide prote	_			protection nu		
ASB suspended at		hr	ASB suspend	ed at	hr	ASB sus	pended at		hr
7. Re-establish AS	B assuranc	es						•	
The worksite location identical	n is		The worksite identical	location is		The work identical	site location	is	
All points of entry in affected portion of t protected and block facilities applied	ack are		All points of e affected portion protected and facilities appli	on of track are I blocking	, 🗆	affected	of entry into portion of tra d and blockin applied	ick are	
The last rail traffic to pass the protection	rail t	raffic ID	The last rail tr		rail traffic ID		rail traffic to protection w	/as	rail traffic ID
The last known loca of rail traffic is	tion	location	The last know of rail traffic is		location	The last of rail tra	known locati ffic is	on	location
There is no approach traffic between the pland the worksite			There is no ap traffic betwee and the works	n the protection			no approach tween the pr worksite		
	ot	hr	ASB re-estab	lished at	hr	ASB re-e	established a	t	hr
ASB re-established	aı		_						

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OFFICIAL

Issue Date: 05/04/2024 Version: 1.0 Page 5 of 10

### **ASB Worksite Protection for Gordon routine network** maintenance activities



6. Temporarily Suspend	ling ASB								
Provide the name and worksite location				Provide the name and worksite location					
Workers and equipment a clear of the Danger Zone		Workers and equipment are [ clear of the Danger Zone		Workers and equipment are clear of the Danger Zone					
Provide protection number		Provide protection number		Provide protection number					
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr				
7. Re-establish ASB ass	surances								
The worksite location is identical		The worksite location is identical		The worksite location is identical					
All points of entry into the affected portion of track a protected and blocking facilities applied		All points of entry into the affected portion of track are protected and blocking facilities applied	. 🗆	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 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 traffic between the protect and the worksite		There is no approaching rai traffic between the protection and the worksite		There is no approaching rail traffic between the protection and the worksite					
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr				
Protection Number		Protection Number		Protection Number					
Notes	Notes								
6. Temporarily Suspend									
6. Temporarily Suspend	ling ASB								
Provide the name and worksite location	ling ASB	Provide the name and worksite location		Provide the name and worksite location					
Provide the name and									
Provide the name and worksite location  Workers and equipment a	are	worksite location  Workers and equipment are		worksite location Workers and equipment are					
Provide the name and worksite location  Workers and equipment a clear of the Danger Zone	are	worksite location Workers and equipment are clear of the Danger Zone	- -	worksite location Workers and equipment are clear of the Danger Zone	□ □ □				
Provide the name and worksite location Workers and equipment a clear of the Danger Zone Provide protection number	are	worksite location Workers and equipment are clear of the Danger Zone Provide protection number		worksite location Workers and equipment are clear of the Danger Zone Provide protection number	hr				
Provide the name and worksite location Workers and equipment a clear of the Danger Zone Provide protection number ASB suspended at	are	worksite location Workers and equipment are clear of the Danger Zone Provide protection number		worksite location Workers and equipment are clear of the Danger Zone Provide protection number	hr				
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Provide the name and worksite location Workers and equipment a clear of the Danger Zone Provide protection number ASB suspended at  7. Re-establish ASB ass The worksite location is identical All points of entry into the affected portion of track a protected and blocking facilities applied The last rail traffic to pass the protection was The last known location of rail traffic is There is no approaching traffic between the protection	are	worksite location  Workers and equipment are clear of the Danger Zone Provide protection number  ASB suspended at  The worksite location is identical 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 The last known location of rail traffic is There is no approaching rail traffic between the protection	hr  rail traffic ID	worksite location Workers and equipment are clear of the Danger Zone Provide protection number ASB suspended at  The worksite location is identical 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 The last known location of rail traffic is There is no approaching rail traffic between the protection	rail traffic ID				

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#### **INSTRUCTIONS:**

- 1. Workers enter the rail corridor via GATE N30 17.045 U
- 2. Protection Officer briefs workers about the worksite protection arrangements.
- 3. Protection Officer contacts the Signaller at North Shore Panel to request ASB.
- 4. After ASB has been authorised. start work within the limits of the nominated worksite location.
- 5. After work is complete, workers move to a safe place.
- 6. Protection Officer contacts the Signaller at North Shore Panel to end ASB.
- 7. All workers egress the rail corridor via GATE N30 17.045 U

### 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.

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.

#### WORKSITE



Image 1: Worksite view towards the Central



Image 2: Worksite view towards the Hornsby

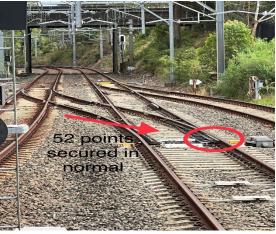


Image 5: GN 20 & GN 22 at stop and 52 points secured normal

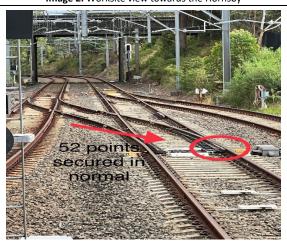


Image 5: GN 20 & GN 22 at stop and 52 points secured normal

## **ASB Worksite Protection for Gordon routine network** maintenance activities



ACCESS / EGRESS/ EAP



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

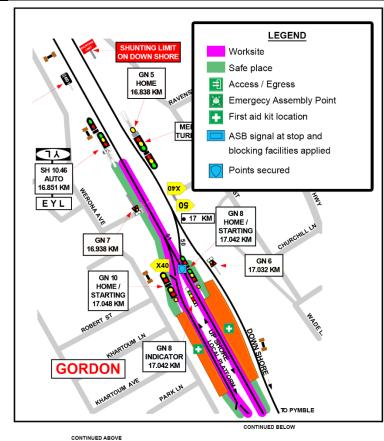


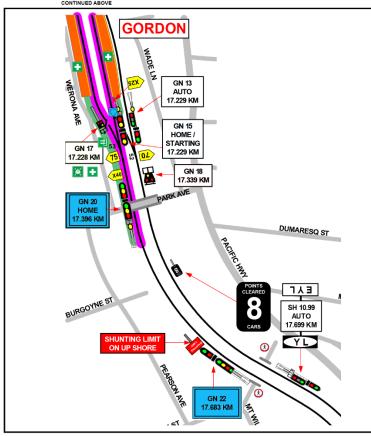
Image 4: Access gate to worksite GATE N30 17.045 U at Werona

### **ASB Worksite Protection for Gordon routine network** maintenance activities



Diagram





# **ASB Worksite Protection for Gordon routine network** maintenance activities



**Protection Officer's diary** 

Dete	Time	Notes
Date	Time	Notes
]		
]		
<u> </u>		
-		
	-	
1		