

DOCUMENT NO.	D2021/29551			
WORK DESCRIPTION	Routine network maintenance activities – ESR (lookout working)			
WPP Number	CE6B 10444	SAP Code	RWPP2008	
SCOPE:		site protection arrangements using l ect management and repair of asset		
	·	d corrective work such as inspections not being applied as part of this plan.	s and maintenance as appropriate	
AUTHORISATIONS:	Protection Officer: Protection Officer: Dookout: Hand signaller Level 1 or	cer Level 1 or higher higher or Protection Officer Level 1	or higher.	
SAFETY CONTROLS: Lookout working arrangements	The nominated worksite location for Lookout Working includes the Up and Down Eastern Suburbs Railway Lines, Up and Down Illawarra Relief Lines , and Up and Down Storage Sidings , Terminal Roads (Bondi Junction, Martin Place and Central between IR2.75 Signal and End of Terminal Line (Bondi Junction).			
		or Lookout Working is a moving wor the nominated worksite location up		
	As work moves along the track, the	e Protection Officer must assess the	new location and:	
	 Establish and/or re-estable entry points 	ish Lookouts as required to watch fo	or approaching rail traffic from all	
	 Designate and instruct wh the work route within the 	nich safe places the workers are to us worksite limits.	se as the work is completed along	
	 Make sure workers are no apart. 	ot walking in more than 2 person gro	ups. Groups must be space 10m	
	 Instruct Lookouts to use w 	varning lights to provide as a safety i	measure when inside tunnel areas	
PRESTART	Protection Officer Assessment che- Tools and equipment required:	cklist must be completed before inst	cructions in this SWI are followed.	
REQUIREMENTS:	Protection Officer require	es a phone to contact the Signaller.		
	Lookouts require a high-visibility arm sleeve and a whistle/horn.			
FURTHER	NWT 300 Planning work in the Rail	Corridor		
INFORMATION:	NWT 310 Lookout Working			
	NPR 711 Using Lookouts			
	NPR 751 Calculating Minimum Wa	rning Time		
	NPR 712 Protecting work from rail	traffic on adjacent lines		
	NGE 200 Walking in the Danger Zo	ne		
	NLA 106 Erskineville to Bondi Junct	ion		
	Lookout Working Prohibited Locati	ons Register		

Lookout Working Worksite Protection for Eastern Suburban Railway Lines routine network maintenance activities



Protection Officer assessment checklist				
Protection Officer's name:	Yes (Tick if Yes)			
This document has not expired 12 months				
SWI details and protection arrangements location, including:	assessed worksite			
On-site safety assessment has be	een completed for relevancy of works bein	g undertaken		
 The required protection details, e SWI 				
The Protection Officer and Qualified Work the last 6 months. If not practiced, then a				
Corridor Safety Number	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.



orksite Prote	ction Pre-work Briefing	Briefing date:	1 1			
rotection Office	r Details	signature	contact N			
Vork location:						
Scope of work:						
Vorksite protecti	on: Lookout Working	Refer to Worksite Protection Plan for details				
	e specific hazards identified, I environment, human errors, plant	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control			
		Lookouts must be trained and competent to perform lookout duties.	Protection Officer and			
		Lookouts must be rotated if performing lookout duties for extended periods of time	Lookout			
		Workers to remain within worksite limits as set out in this procedure.				
Struck by rail t	traffic	Lookouts must be placed as per the protection plan attached to this document.				
		Workers are to stop work and move to a safe place immediately on being warned by the lookouts				
Adjacent live I	ines	Lookouts must provide warning to workers when rail traffic is approaching from the adjacent line in either direction.	Protection Officer and Lookout			
Two - way running / multiple entry points into worksite		One Lookout placed to watch rail traffic in each direction before work starts. Lookouts are to warn workers of approaching rail traffic, including rail traffic entering or travelling within the worksite. Workers are to stop work and move to a safe place.	Protection Officer and Lookout			
Obstruction to	Minimum Sighting Distance	Lookouts must provide warning to the workers whenever their line of sight is obstructed by passing rail traffic and/or any other obstructions. Workers must stop work and move to a safe place and reassess positioning and method.	Protection Officer and Lookout			
		Workers must not walk in more than 2 person groups. Groups must be spaced 10m apart.	Protection Officer			
Refuge limitati	ions (Alcoves)	Protection Officer will designate each individual's refuge safe place to move to when the Lookout provides warning.				
No easily reac platform limits	hable Safe Place within station	No work or walking through station platform limits. Higher level of protection required to access.	All			
Adjoining / su	rrounding worksites	Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by adjoining/surrounding worksites. Lookouts must provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	Protection Officer and Lookout			



Electrical infrastructure	Electrical infrastructure is to be treated as live and workers must maintain a safe approach distance as instructed by the Protection Officer or Workplace Supervisor.	Protection Officer and Workplace Supervisor
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 distraction	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
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

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/orkplace Supervisor	10 a 100		contact No
	nam	le	contact No
Emergency assembly p	point:	SWMS/SWI Ref #:	
First aid kit ocation:		First aider:	
orkplace Supervise	or acknowledgement		
-	_		
The Workplace Supervisor ac appropriate controls in place t	knowledges that all identified WHS and rail safe to manage and/or eliminate the hazards.	ety hazards have the Yes 🗆	signature
articipant acknowle	edaement		
-	efing are to question the Briefer if they don't un	derstand any part of this briefing.	
All workers listed below ack		and any part of time promise.	
have been inducted to	•	have been briefed on the content	s of the Worksite Protection Plan
are free from alcohol a		7. have been shown the Worksite P	
are free from the effect	· ·	understand the kinds and limits of the state of the	· ·
	d current Rail Safety Worker Authorisation, trad		hazards and controls identified during
	n record e.g. Construction Industry Induction	the final site inspection (final site in	nspection must be conducted immediately
must wear the appropri	riate Personal Protective Equipment (PPE)	before commencing work)	
Mark each check box below with	a tick 🗹 if the item applies or a cross 🗷 if the item o	does not apply.	
☐ have been informed of	f the requirements of the electrical permit (if	have been made aware of any ha	azardous materials/substances on site
required)	,		
have been briefed on t	the SWMS/SWIs/documented safe work practic	have been briefed on Safety Data	a Sheets (SDS)
for the job	the Syvivio/Syvis/documented sale work practic	have been briefed on the WHS N	lanagement plan
have been instructed in	n the controls recorded in this document and	D have been briefed on the bezord	s of adjoining worksites/processes.
SWMS/SWIs		nave been briefed on the nazard	s of aujoining worksites/processes.
Name	Signature	Time of briefing:	Amendment briefing: hh:mm and initial

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Lookout \						Transment
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orksite Pr	otection Plan –	Lookout \	Working			
gnaller deta	ails					
				ESR Panel		02 8568 34
otection Of	ficer details				- I	
		name		signature	_ -	contact N
	RSW or RI	W No.		designation	Planne	d duration
Vorkplace S	upervisor details:					
ype of work	:					
Worksite	location					
On the	Up and Down Ea		Up and Down Illawarra	Up and Down S	otorage	Ferminal roads (Bondi Junction, Martin Place
	Suburbs Railway	lines	Relief lines	Sidings,		and Central)
between		R2.75 Signa	ı	and End of	Terminal I in	e (Bondi Junction)
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arning me	cout Working Pro				es 🗆	
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as the Look arning me nimum Wai	kout Working Pro	lations	Whistle/Horn	Voice/Touch	es □ 2.930 km to	7.550 km
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as the Look arning me inimum Wai Maximum track lumber of Loo	kout Working Pro	lations 60 km/h ed	Whistle/Horn 1 Position of Position of RKMs as workers move along	Voice/Touch Lookouts Lookouts	2.930 km to	
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as the Look arning me inimum Wai Maximum track lumber of Loo lumber of add lote - Lookouts 2 sec 7 sec	rning Time Calcul k speed bkouts used ditional Lookouts* use are relocated to position + 8 sec + 3 sec +	ed es within these 10 sec	Whistle/Horn 1 Position of 2 KMs as workers move along 3 = Minimum Warning Time (MWT)	Voice/Touch Lookouts Lookouts the worksite. 20 sec 20 sec	2.930 km to 2.650 km to 60 km/h 60 km/h	3.250 km 334 metres 334 metres
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Diagrams, notes, and detailed instructions over the next pages. These are to be read and followed as part of this worksite protection plan for Lookout Working.

INSTRUCTIONS:	 Protection Officer contacts ESR Panel to tell the Signaller of the use of Lookout Working on the Up and Down Eastern Suburbs Line from IR2.75 Signal to Bondi Junction end of terminal line.
	 Workers enter the rail corridor via any station in the ESR Tunnel or via Erskineville Portal, Art Gallery Pad, Edgecliff Pad or Woolahra Cutting.
	3. Place Lookouts at designated locations.
	4. Workers start work up to the position of the Lookout.
	5. Workers move to designated safe places.
	6. Re-establish Lookouts at the next designated locations.
	7. Works at Wooloomooloo Viaduct requires an additional Lookout to maintain Sighting Distance.
	8. Repeats steps 4 - 6 until the work is complete.
	9. Move workers into a designated safe place.
	10. Move Lookouts into a safe place and egress the worksite at the designated exit location.
	11. Protection Officer Ends Lookout Working by contacting East Up and CUG panel to tell the Signaller that work is complete, and all workers and equipment are in a safe place.
ADDITIONAL	Refuge limitations (Alcoves)
DETAILS	Alcove safe places have limited space for up to 2 persons. Workers must not walk in more than 2 person groups. Groups must be spaced 10m apart.
	The Protection Officer must designate which alcoves are to be used by whom when the Lookout warns of approaching rail traffic.
	Lookout Working Prohibited Locations
	There are no safe places in the platform areas. Workers must stop work and move onto the platform when the workers reach the station platforms.
WARNING LIGHTS	Warning lights may be used as a safety measure within tunnel areas in accordance with NLA 106 Erskineville to Bondi Junction.

Lookout Working Worksite Protection for Eastern Suburban Railway Lines routine network maintenance activities



PHOTOS



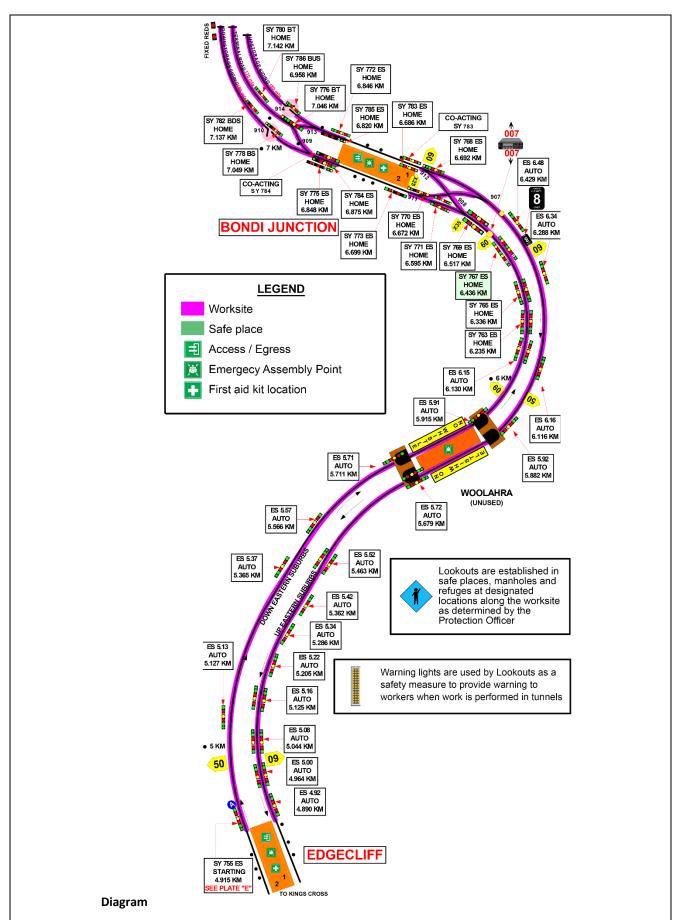
Image 1: Example of warning light at Bondi Junction and access by station platforms



Image 2: Example of a man hole safe places

Lookout Working Worksite Protection for Eastern Suburban Railway Lines routine network maintenance activities

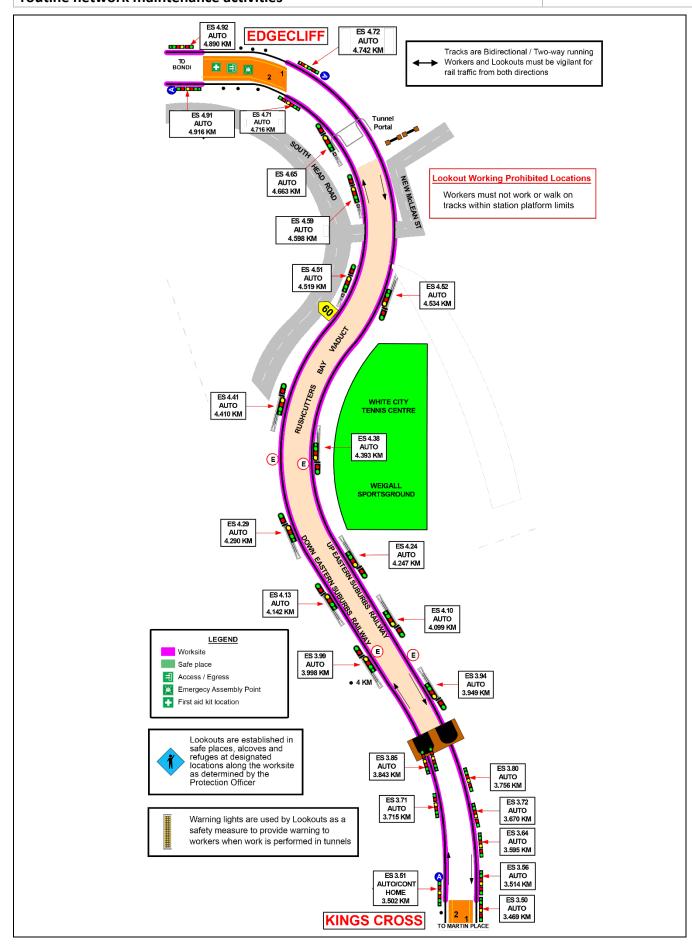




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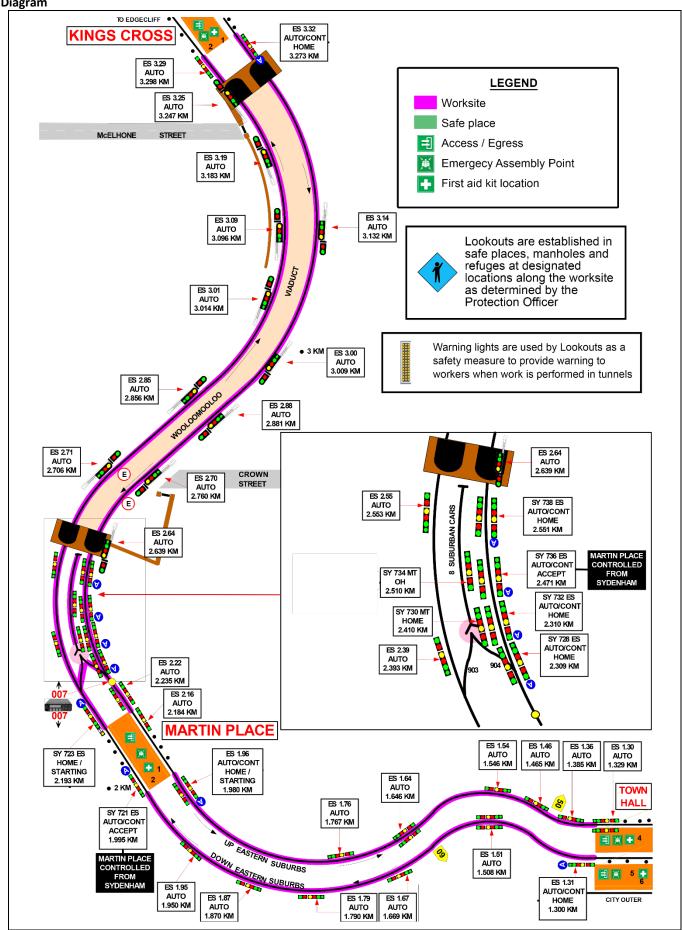
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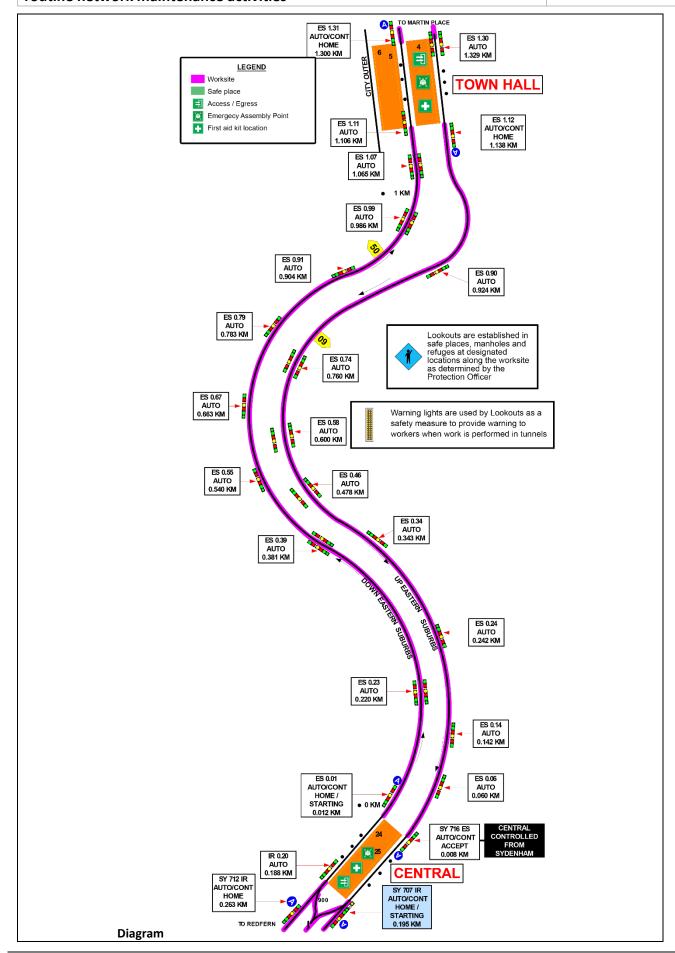






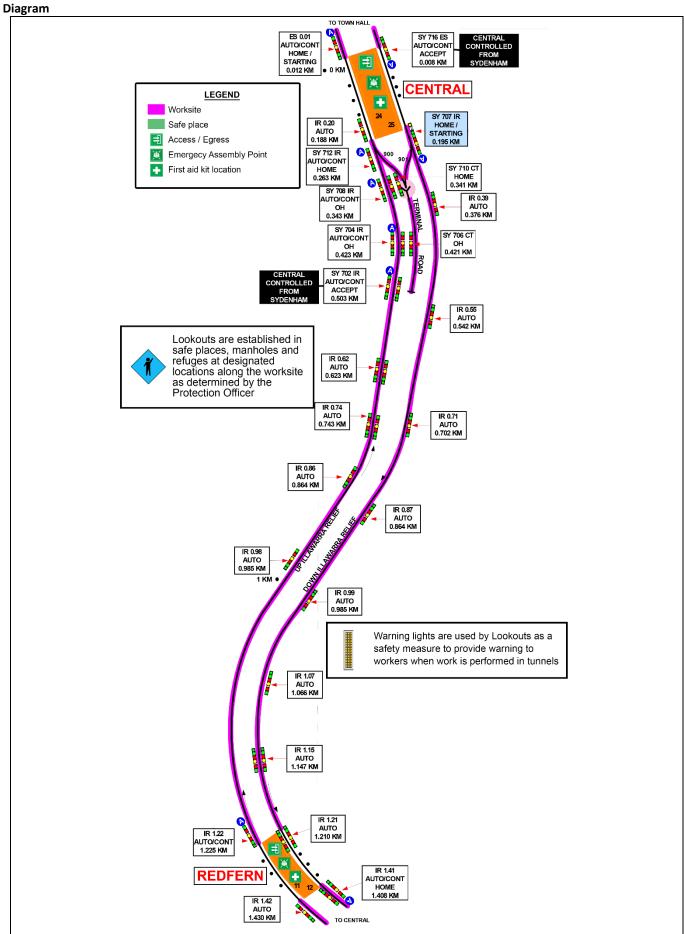






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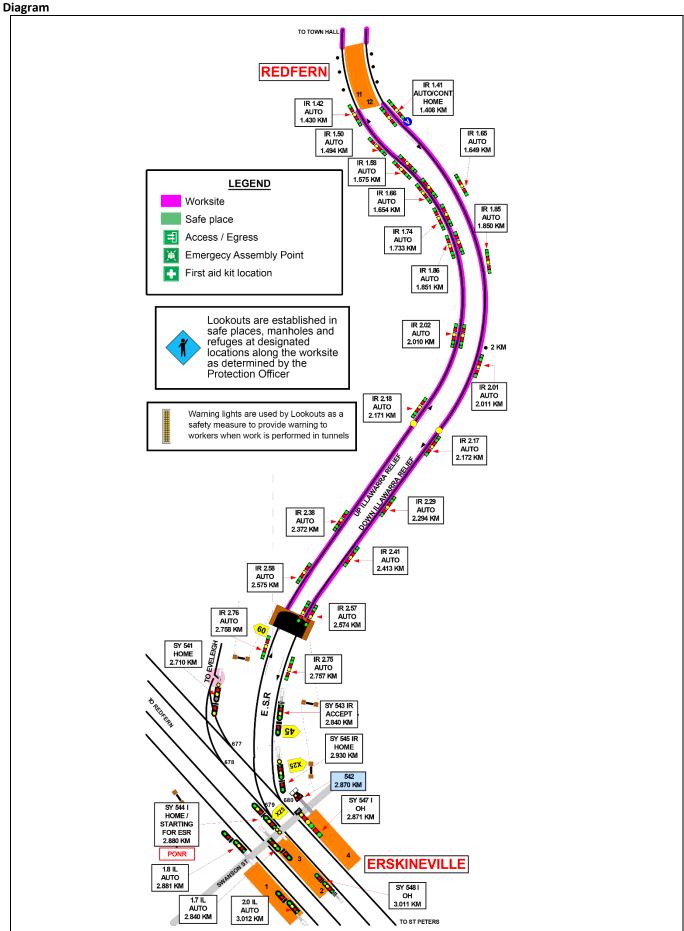


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Protection Officer's diary

Date	Time	Notes
Date	mile	Notes
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