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



DOCUMENT NO.	D2021/29551
WORK DESCRIPTION	Routine network maintenance activities – ESR (lookout working)
WPP Number	CE6B 10444
SCOPE:	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.
	<ul> <li>Work activities include:</li> <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>
AUTHORISATIONS:	Protection Officer: Protection Officer Level 1 or higher Lookout: Hand signaller Level 1 or higher or Protection Officer Level 1 or higher.
SAFETY CONTROLS: Lookout working arrangements	The nominated worksite location for Lookout Working includes the <b>Up and Down Eastern Suburbs</b> 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).
	The nominated worksite location for Lookout Working is a moving worksite, where workers are working along the track within the limits of the nominated worksite location up to the where the Lookout is established.
	As work moves along the track, the Protection Officer must assess the new location and:
	<ul> <li>Establish and/or re-establish Lookouts as required to watch for approaching rail traffic from all entry points</li> </ul>
	<ul> <li>Designate and instruct which safe places the workers are to use as the work is completed along the work route within the worksite limits.</li> </ul>
	<ul> <li>Make sure workers are not walking in more than 2 person groups. Groups must be space 10m apart.</li> </ul>
	Instruct Lookouts to use warning lights to provide as a safety measure when inside tunnel areas
PRESTART	Protection Officer Assessment checklist must be completed before instructions in this SWI are followed.  Tools and equipment required:
REQUIREMENTS:	Protection Officer requires a phone to contact the Signaller.
	<ul> <li>Lookouts require a high-visibility arm sleeve and a whistle/horn.</li> </ul>
EUDEUED	NWT 300 Planning work in the Rail Corridor
FURTHER INFORMATION:	NWT 310 Lookout Working
	NPR 711 Using Lookouts
	NPR 751 Calculating Minimum Warning Time
	NPR 712 Protecting work from rail traffic on adjacent lines
	NGE 200 Walking in the Danger Zone
	NLA 106 Erskineville to Bondi Junction
	Lookout Working Prohibited Locations Register

# Lookout Working Worksite Protection for Eastern Suburban Railway Lines 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					
SWI details and protection arrangements location, including:	have been reviewed and validated for the a	assessed worksite			
<ul> <li>On-site safety assessment has b</li> </ul>	een completed for relevancy of works bein	g undertaken			
<ul> <li>The required protection details, e SWI</li> </ul>					
The Protection Officer and Qualified Work the last 6 months. If not practiced, then a					
Corridor Safety Number	ite				

### 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

Worksite Protection Pre-work Briefing	j		
Protection Officer details		Briefing date:	1 1
Protection Officer details		signature	contact No
Work location:			
Scope of work:			
Worksite protection: Lookout Working		Refer to Worksite Prot	ection Plan for details
Hazards (e.g. Site specific hazards identified,		Controls /to be implemented to eliminate or reduce the	Darson responsible
including physical environment, human errors, pand equipment)	plant	<b>Controls</b> (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
Approaching roll troffic		Workers to remain within worksite limits as set out in this procedure.	
Approaching rail 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 lines		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 pointing worksite	ts	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 Dista	nce	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 limitations (Alcoves)		Protection Officer will designate each individual's refuge safe place to move to when the Lookout provides warning.	
No easily reachable Safe Place within s platform limits	tation	No work or walking through station platform limits. Higher level of protection required to access.	All
Adjoining / surrounding worksites		Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by adjoining/surrounding worksites.	Protection Officer and Lookout
Aujoining / Surrounding Worksites		Lookouts must provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	

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



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

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



Vorkplace Supervisor detai	is .	1	
	name		contact No
Emergency assembly point:		SWMS/SWI Ref #:	
First aid kit location:		First aider:	
Vorkplace Supervisor ac	knowledgement		
	_		
appropriate controls in place to mana	dges that all identified WHS and rail safety age and/or eliminate the hazards.	hazards have the Yes 🗌 📗	signature
Participant acknowledge	ment		
	re to question the Briefer if they don't unders	stand any part of this briefing.	
All workers listed below acknowled		,	
have been inducted to the site	9	6. have been briefed on the contents	s of the Worksite Protection Plan
2. are free from alcohol and drug	gs	7. have been shown the Worksite P	rotection Plan diagram
3. are free from the effects of fat	tigue	8. understand the kinds and limits of	f worksite protection in place
	nt Rail Safety Worker Authorisation, trade rd e.g. Construction Industry Induction	the final site inspection (final site in	hazards and controls identified during spection must be conducted immediately
<ol><li>must wear the appropriate Pe</li></ol>	ersonal Protective Equipment (PPE)	before commencing work)	
Mark each check box below with a tick	if the item applies or a cross 🗷 if the item does	not apply.	
have been informed of the recreative required)	quirements of the electrical permit (if	1_	zardous materials/substances on site
	NAC/C\A/I-/d	have been briefed on Safety Data	Sheets (SDS)
for the job	MS/SWIs/documented safe work practice	have been briefed on the WHS M	anagement plan
have been instructed in the constructed in the constructed in the construction.	ontrols recorded in this document and	have been briefed on the hazards	of adjoining worksites/processes.
Name	Signature	Time of briefing: hh:mm	Amendment briefing: hh:mm and initial
•			

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	Suburbs Kanway	y iiiles	Keller II	illes		>,		and Central)	
between	ı	R2.75 Sig	gnal	ar	d End	of Terminal	Line (E	Bondi Junction)	7
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# Lookout Working Worksite Protection for Eastern Suburban Railway Lines routine network maintenance activities



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:	<ol> <li>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.</li> </ol>
	<ol> <li>Workers enter the rail corridor via any station in the ESR Tunnel or via Erskineville Portal, Art Gallery Pad, Edgecliff Pad or Woolahra Cutting.</li> </ol>
	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 Bon 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

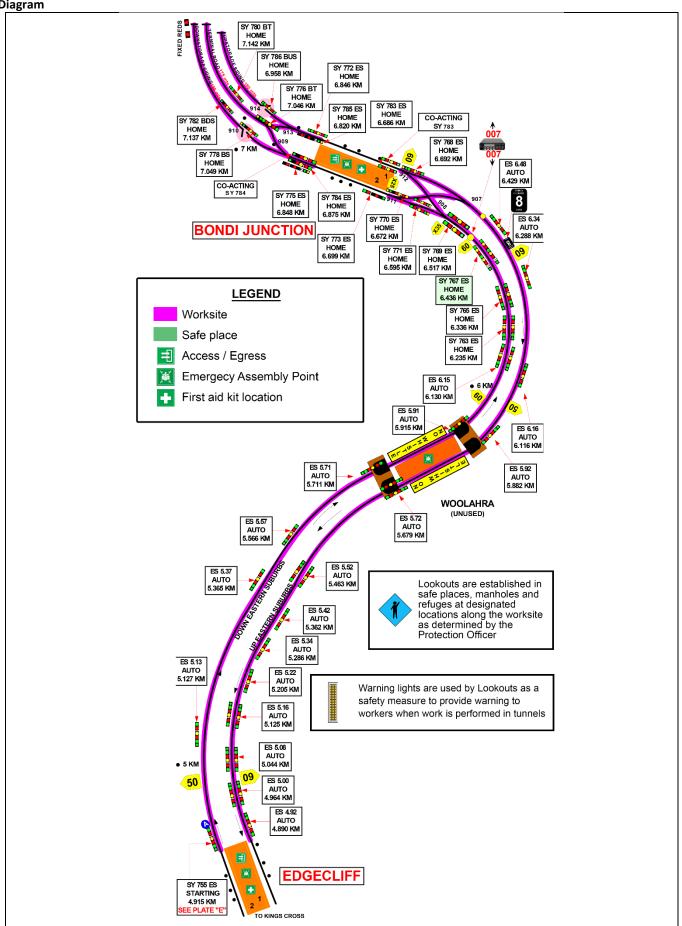


Image 2: Example of a man hole safe places

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



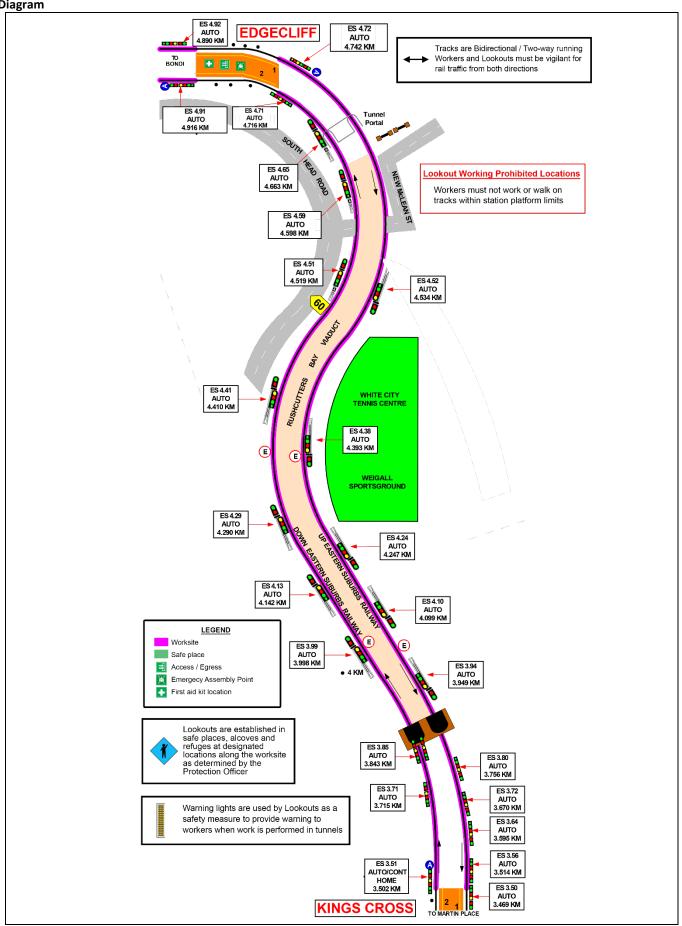
Diagram



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



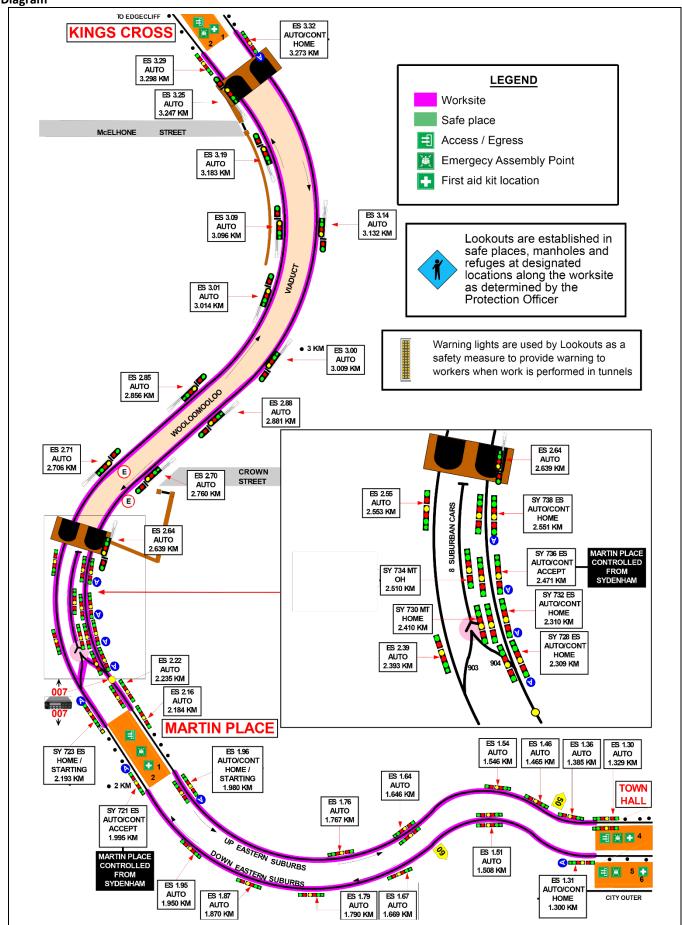
Diagram



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



Diagram

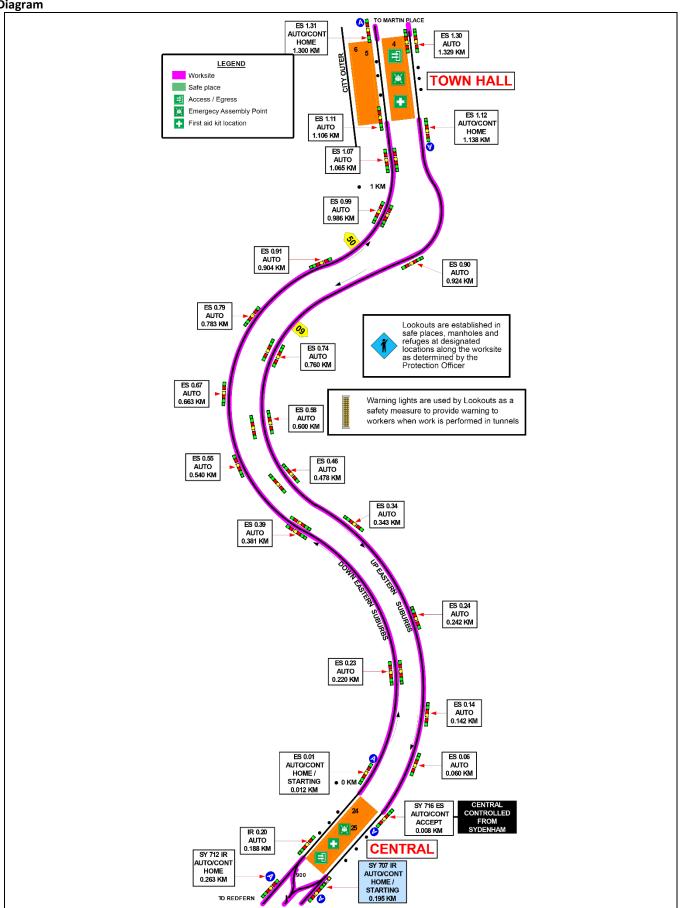


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## **Lookout Working Worksite Protection for Eastern Suburban Railway Lines** routine network maintenance activities

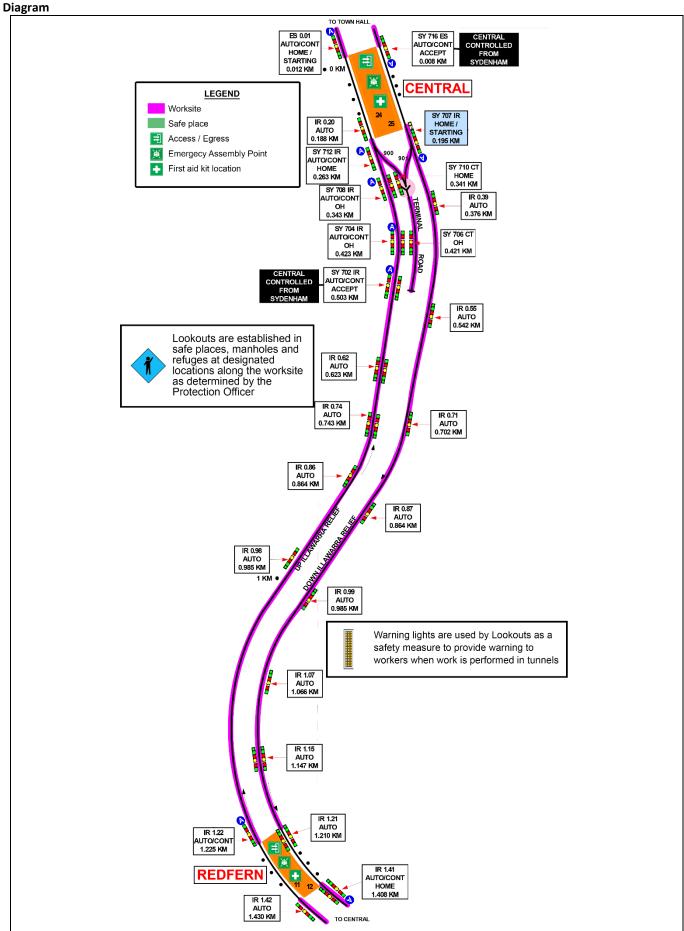


Diagram



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



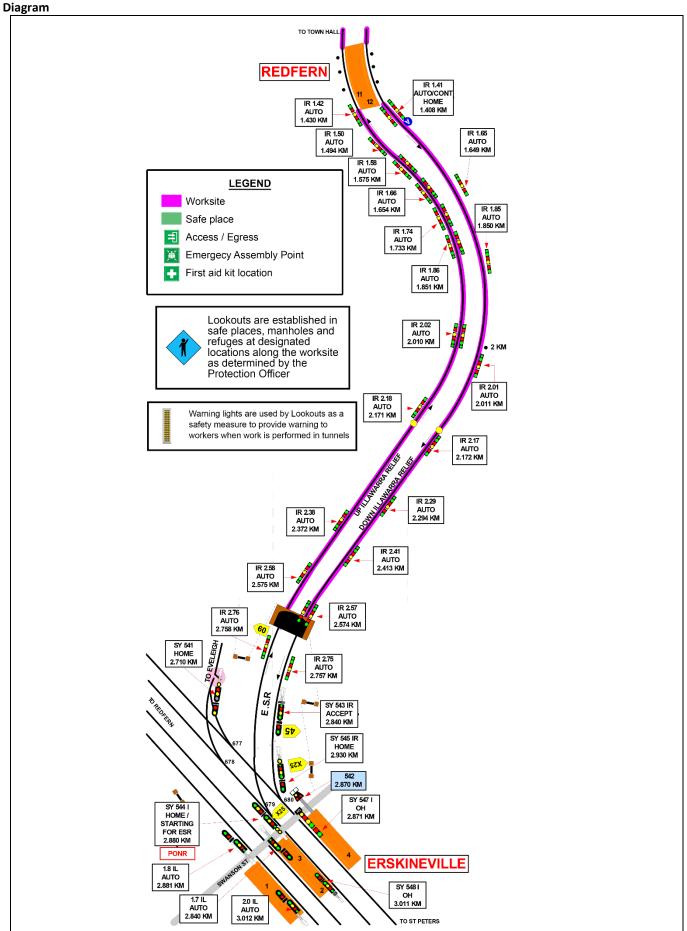


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# Lookout Working Worksite Protection for Eastern Suburban Railway Lines routine network maintenance activities



**Protection Officer's diary** 

Date	Time	Notes
2410	711110	