

DOCUMENT NO.	D2024/12593								
WORK DESCRIPTION	Routine maintenance activities								
WPP Number	CC19D2 10001								
SCOPE:	Routine maintenance activities performed by Central Coast Territory teams on the Up and Down Main lines between 58.300 km to 62.500 km.								
AUTHORISATIONS:	Protection Officer (PO): PO Level 3 or 4 Handsignallers (HS): Engineering Handsignaller Level 1 and 2 Qualified Worker with the Work Group (QW): PO Level 1 - 4								
SAFETY CONTROLS – Track Work Authority (TWA) arrangements:	<ul> <li>Outer Handsignaller level 1 placed at 65.500km on the Up Main line.</li> <li>Inner Handsignaller level 1 placed at 63.000km on the Up Main line.</li> <li>Handsignaller level 2 placed at HR155 DM signal on the Down Main line.</li> <li>Handsignaller level 2 placed at HR157 UM signal on the Up Main line.</li> <li>207 points, 208 points and 210 points clipped and locked.</li> </ul>								
PRESTART REQUIREMENTS:	Nil								
FURTHER INFORMATION:	Sydney Trains Network Rules and Network Procedures								

Protection Officer checklist								
Protection Officer's name:								
This document has not expired 12 months b	beyond the issue date.							
SWI details and protection arrangements ha location, including:	ave been reviewed and validated for the as	ssessed worksite						
On-site safety assessment has been seen as the seen as the second s	en completed for relevancy of works being	undertaken						
The required protection details, en SWI	vironment and tasks are unchanged from	he details of this						
All boxes have been ticked if applie	cable and crossed if not applicable							
All fields have been completed								
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.

 SWI Custodian: Maintenance Operations Manager
 OFFICIAL

 SWI Approver: Associate Director Maintenance Operations
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Safe Work Instruction		
TWA Worksite P	rotection for Hawkesbury River to	Transport Sydney Trains
Wondabyne rou	tine network maintenance activities	
Vorksite Protection Pre-	vork Briefing	
	Briefing date:	
Protection Officer details		
	name signature	contact No.
	ury River to Wondabyne	
Scope of work: Routine	naintenance activities	
Worksite protection: <b>TWA</b>	Refer to Worksite Prote	ection Plan for details
<b>Hazards</b> (e.g. Site specific hazards identified, including physical environment, human errors, plant and equipment)	<b>Controls</b> (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Crossing live lines	A qualified Protection Officer (PO) or Access Corridor Safety (ACS) must make a safety assessment to cross live lines in accordance with NGE200 and supervise workers who do not hold the PO or ACS qualification.	Qualified PO or ACS
Qualified Worker (QW) for the workgroup	Confirm and record who will be the QW for each workgroup.	PO
Approaching rail traffic	<ul> <li>TWA implemented.</li> <li>All Handsignallers placed at designated locations with RTS and relevant points clipped and locked.</li> <li>On bi-directional lines the XYZ key has been removed.</li> <li>Workers immediately move to the designated safe place when instructed by the PO or QW.</li> <li>Confirm with Clearance Handsignallers that rail traffic is clear of the</li> </ul>	PO
	worksite before resuming work. Move clear of all tracks to the designated safe place when rail traffic approaches in any direction.	
Distraction	Obtain permission from PO or Qualified Worker to use electronic devices in the Danger Zone.	All
Obstructions to safe place	Agree on paths to reach designated safe places from the worksite.	PO or QW
Confusion about workers being in a safe place	Advise the PO when workers and equipment are in a designated safe place, and the location of the safe place.	QW
Changes at the worksite	Instruct workers to stop work and move to a designated safe place and notify the PO if there is a change in conditions at the worksite, including a change of QW.	QW
Limited availability of safe places on transom bridges	On bridges workers must be in a refuge before advising the PO that workers are in a safe place.	QW
Ineffective communication devices	Use GRN channel WYG CIV 1. Confirm effective communications with all Handsignallers and Qualified	PO, QW & HSs
Misunderstanding pre- work briefing	<ul> <li>Workers prior to commencing TWA.</li> <li>Ask workers: 1. What method of protection are we working under? 2.</li> <li>What are the limits of the worksite protection? 3. Where is the safe place? 4. How will you be warned and move to the safe place if needed? 5. What are the hazards in this environment?</li> </ul>	PO
L		1



#### Workplace Supervisor details

		name					contact No.				
Emergency a	ssembly point:	SV	/MS/SW	I Ref #:							
First aid kit location:	Sydney Train	Firs	t aider:								
Vorkplace S	upervisor ack	nowledgement									
	he Workplace Supervisor acknowledges that all identified WHS and rail safety hazards have the yes D signature signature controls in place to manage and/or eliminate the hazards.										
articipant Acknowledgement											
NOTE: Recipier	nts of the briefing are	to question the Briefer if they don't under	stand	any part of	this briefing.						
	d below acknowledge										
1. have beer	n inducted to the site		6.	have be	en briefed on the	e contents	of the Worksite Protection Plan				
	om alcohol and drugs		7.				otection Plan diagram				
	om the effects of fatig	jue Rail Safety Worker Authorisation, trade	8. 9.				worksite protection in place hazards and controls identified during				
licence ar	d/or induction record	e.g. Construction Industry Induction sonal Protective Equipment (PPE)	9.	the final			spection must be conducted immediately				
		if the item applies or a cross 🗷 if the item does	not ar	vla							
		irements of the electrical permit (if		1	en made aware	of any haz	zardous materials/substances on site				
required)				have be	en briefed on Sa	afety Data	Sheets (SDS)				
have beer for the job		S/SWIs/documented safe work practice		have be	en briefed on the	e WHS Ma	anagement plan				
have beer SWMS/SV		trols recorded in this document and	have been briefed on the hazards of adjoining worksites/processes.								
Name		Signature		<b>ne of brief</b> :mm	fing:		Amendment briefing: hh:mm and initial				
	/		_								
			-								

Safe Work	Instruction									
					sbury River nance activ				ransport Sydney Trains	
orksite Pro	tection Plan –	Track Wo	rk Auth	ority				!		
rotection Offi	cer Details									
		name			signati	ure			contact N	
	RSW or RI	W No.			designat	ion	Planned	duration		
Workplace Su	pervisor details:							/		
Type of work:										
Worksite L	ocation									
on the	Dov	vn Main		between	HR155 Sign	al	and	39.5 S	ignal	
on the	U	o Main		between	39.2 Signa	I	and	HR160 U	M Signal	
WA worksite	e kilometre loc	ation								
on the Do	own Main Line		from	58.300	/	km	to	62.500	km	
on the Up	o Main Line		from	62.500		km	to	58.300	km	
ignal protec	tion				/					
HR155 Sig	HR157 Sig	;	Sig	Sig	Sig		Sig	Sig	Sig	
andsignalle	r details									
1		name	HR	155 DM Si	gnal				Sig/km	
2		name	HR	157 UM Si	gnal				Sig/km	
3		name	65.	500 (Outer	· Up Main)	Sig/km				
4		name		000 (Inner			Sig/km			
5		name							Sig/km	
ssurances I	Down Main (co	nfirm the a	letails p	rovided by	the Signaller)					
The last rail t he protection	raffic to pass n was		rai	rail traffic ID The last known location of rail traffic is			6		location	
Confirm that	there is no app	roaching ra	ail traffio	c between	protection and v	vorksite				
ssurances l	Jp Main (confir	m the deta	ils prov	ided by the	e Signaller)					
The last rail t he protection	raffic to pass n was		ra	il traffic ID	The last know location of rail		6		locatior	
Confirm that	there is no app	roaching ra	ail traffio	c between	protection and v	vorksite				
ignaller Det	ails									
		name		Hor	nsby North Pa	nel			9701 1513	
		name		Ce	ntral Coast Pa	nel			4349 9263	

Protection Officer's log, diagrams, notes and detailed instructions are over the next pages. These are to be read and followed as part of this worksite protection plan for Track Work Authority.

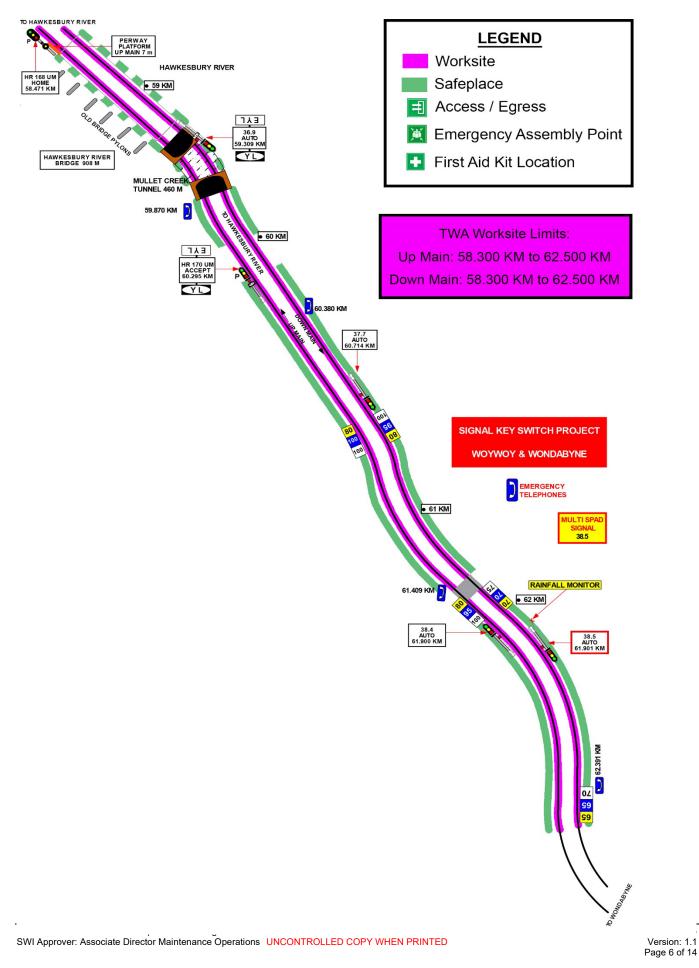
Diagram

#### TWA Worksite Protection for Hawkesbury River to Wondabyne routine network maintenance activities



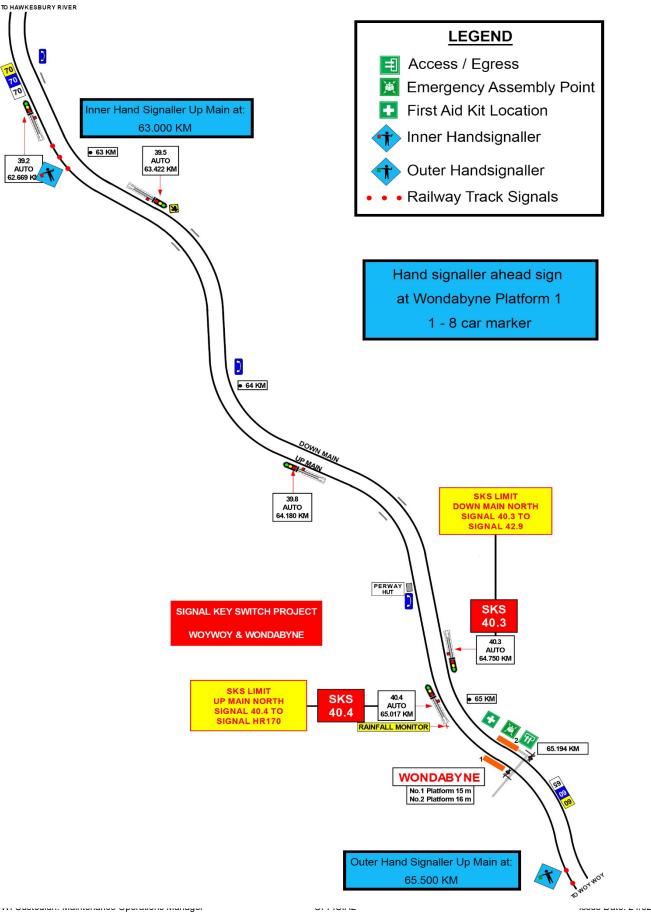
HR 145 UM HOME 57.167 KM Tracks are Bidirectional / Two-way running Workers and Lookouts must be vigilant for rail traffic from both directions LEGEND Worksite HOME 57.303 KM Safe Place Access / Egress Emergency Assembly Point HAWKESBURY RIVER First Aid Kit Location (BROOKLYN) Handsignaller HR 148 UM REPEATER 57.420 KM Clipped and Locked • • Railway Track Signals Inner Handsignallers placed at: HR 157 UM NDICATOR HR 157 UM Signal HR 159 UI HOME 57.674 KM HR155 DM signal HR 155 DM HOME 57.727 KM SIGNAL HR 155 DM HR 157 UI HOME 57.682 KI Points Clipped and Locked: 208, 207 and 210 CAUSEWAY TWA Worksite Limits: Up Main: 58.300 KM to 62.500 KM Down Main: 58.300 KM to 62.500 KM HR 162 57.890 58 KM AWKESBURY RIVER BRIDGE 908 M





Prepared using SMS-06-TP-4317 v1.6, Custodian: Senior Manager Safety Management System; Approver: Director Network Standards, Systems & Quality; Issue date:13-08-24





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Version: 1.1 Page 7 of 14

Issue Date: 24/02/2025

#### Safe Work Instruction

INSTRUCTIONS:	1. Workers enter the rail corridor
	2. Brief workers about the worksite protection arrangements.
	3. Arrange for Handsignaller ahead sign to be placed at Wondabyne Station.
	4. Place inner and outer handsignallers and confirm they have effective communications.
	5. Contact Signallers to request TWA
	6. After TWA is authorised, arrange for Handsignallers to confirm protection is in place.
	7. Arrange for points to be clipped & locked.
	8. Advise Qualified workers when work may commence.
	9. Confirm with the Workplace Supervisor when work is complete and if any restrictions are required.
	10. Instruct Qualified workers to ensure all workers and equipment are in a safe place.
	11. Instruct Handsignallers to confirm when protection has been removed and remain in a safe place.
	12. Workers leave Rail Corridor.
	13. Fulfill TWA with Signallers.





Protection Officer's diary

Data	Time	Natas
Date	Time	Notes
1		
-	-	
1		
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Protection Officer's diary

TOLECTION	Officer's dia	19
Date	Time	Notes
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	1	



Protection Officer log

Rail traffic ID	Arrival time	Departure time	SKS key removed time	Speed through worksite	Cleared worksite time	Cleared signal time	Protection confirmed time
				/			



Rail traffic ID	Arrival time	Departure time	SKS key removed time	Speed through worksite	Cleared worksite time	Cleared signal time	Protection confirmed time
					/		

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Rail traffic ID	Arrival time	Departure time	SKS key removed time	Speed through worksite	Cleared worksite time	Cleared signal time	Protection confirmed time
				/	/		



Rail traffic ID	Arrival time	Departure time	SKS key removed time	Speed through worksite	Cleared worksite time	Cleared signal time	Protection confirmed time
				/	/		