# TOA Worksite Protection for Epping to Thornleigh routine network maintenance activities



DOCUMENT NO.	D2023/10107				
	Routine network maintenance activities – Epping to Thornleigh				
WPP Number	CN15A2 14130 SAP Code				
SCOPE:	This SWI is applicable for the worksite protection arrangements using a Track Occupancy Authority (TOA) concerning routine network maintenance activities, defect management, and asset repair within the limits specified below in the attached plan.  Work activities include:  Routine preventative and corrective work, such as inspections and maintenance, as appropriate for the type of protection being applied as part of this plan.				
AUTHORISATIONS:	Protection Officer:  • Protection Officer Level 2 or higher.  Qualified Workers placing protection:  • Protection Officer Level 1 or higher.  • Engineering Hand signaller Level 1 or Higher				
SAFETY CONTROLS – Track Occupancy Authority (TOA)	The nominated worksite location is:  Down Relief between 114 points and TH 9 Signal  Protection is placed at:  114 points and 52 points are clipped and locked to prevent unauthorised entry into the TOA.  Worksite Protection Markers at 29.170 km and 23.580 km (Down Relief)				
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.  Qualified Workers placing protection require:  2 x Tangential point clip  2 x Worksite Protection Markers				
FURTHER INFORMATION:	NWT 300 Planning work in the Rail Corridor  NWT 304 Track Occupancy Authority  NPR 702 Using a Track Occupancy Authority  NRF 002 Track Occupancy Authority (TOA)  NPR 712 Protecting work from rail traffic on adjacent lines.  NGE 200 Walking in the Danger Zone  NPR 726 Using Half Pilot Staffs  NPR 709 Using Railway Track Signals  NPR 707 Clipping points				

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Protection Officer assessment checklist			
Protection Officer's name:			Yes (Tick if yes)
This document is still current at the time of date)	its application. (Up to 12 months from the	document issue	
SWI details and protection arrangements h location, including:	ave been reviewed and validated for the a	ssessed worksite	
<ul> <li>On-site safety assessment has been completed for relevancy of works being undertaken.</li> <li>The required protection details, environment and tasks are unchanged from the details of this SWI</li> </ul>			
The Protection Officer and Qualified Workers deploying qualifications are current and have practiced in the last 6 months. If not practiced, then a Rail Safety Coach must be contacted for guidance.			
Corridor Safety Number	Protection Officer Signature	Da	ate
		<u> </u>	

## 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:	1 1
Protection Offic	er Details			
	name	signature		contact No.
Work location:	ETTT—Epping to Thorn	nleigh (Down Relief)		
Scope of work:	Routine network maintenance activities			

Refer to Worksite Protection Plan for details Worksite protection: Track Occupancy Authority (TOA) Hazards (e.g., Site specific hazards identified, Controls (to be implemented to eliminate or reduce the Person responsible including physical environment, human errors, plant risk to the lowest practicable level) for Control and equipment) Ensure that railways track signals are placed as per worksite protection plan contained in this document. Protection Officer to verify that protection markers **Protection Officer** Struck by rail traffic are placed correctly as contained in this document. Workers to remain within worksite limits as set out in this procedure. Protection Officer's pre work brief contains designated work and walk area instructions. Live adjacent lines **Protection Officer** All work must stop when warned by Protection Officer until rail traffic has passed. 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 Access to / Egress from worksite and exit points. Slips, trips, falls and hazards carrying Protection Officer will assess and instruct when it is ΑII equipment. safe for workers to use NGE 200 Walking in the Danger Zone to move to the worksite or safe place. Mobile phones use is not permitted in the danger zone unless being used by maintenance staff for critical maintenance communications or recording Mobile phone ΑII of defects. Protection Officer will assess and instruct when it is safe for workers to use NGE 200 Walking in the ΑII Access to / Egress from worksite Danger Zone to move to and from the worksite or safe place.

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Workplace S	Supervisor Deta	ails			
		name			contact No.
Emergency a	ssembly point:	Down Cess	SWMS/SW	/I Ref #:	
First Aid kit location:		First Aider:			
Workplace	Supervisor A	cknowledgement			
The Workplace S appropriate contr	Supervisor acknowled	Iges that all identified WHS and rail safety l ge and/or eliminate the hazards.	nazards have th	Yes 🗆	signature
NOTE: Recipie	nts of the briefing are	e to question the Briefer if they don't unders	tand any part o	f this briefing.	
	ed below acknowledg			J	
are free fr     hold the a     licence ar	nd/or induction record		6. have be 7. unders 8. have be the final	een shown the Worksite tand the kinds and limit een briefed about any r	ents of the Worksite Protection Plan e Protection Plan diagram s of worksite protection in place new hazards and controls identified during te inspection must be conducted immediately
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 requirements of the electrical permit (if required)  have been briefed on the SWMS/SWIs/documented safe work practice for the job  have been instructed in the controls recorded in this document and		have been made aware of any hazardous materials/substances on site have been briefed on Safety Data Sheets (SDS) have been briefed on the WHS Management plan have been briefed on the hazards of adjoining worksites/processes.			
SWMS/S\ Name	WIS	Signature	Time of brie	efing:	Amendment briefing:
			hh:mm		hh:mm and initial

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# Worksite Protection Plan – Track Occupancy Authority (TOA) **Signaller Details**

	name	Epping Panel	9701 1580	
<b>Protection Of</b>	ficer Details			
	name	signature	contact No.	
	RSW or RIW No.	designation	Planned duration	
Workplace Su	pervisor details:		_	
Type of work:	Routine network maintenance activities			
Worksite Lo	cation			
On the		Down Relief		
between	114 points	and	TH 9	

The following are diagrams, notes, and detailed instructions. These are to be read and followed as part of this worksite protection plan for TOA.

ACCESS / EGRESS / **EAP** 



Image 1: Epping Side Emergency assembly point



Image 2: Access Gate N00 29.289 km at Thornleigh on the Downside at Cumberland HWY

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#### **INSTRUCTIONS:**

- 1. Workers enter the rail corridor via Access Gate N00 29.289 km.
- 2. Protection Officer conducts the worksite protection pre-work briefing.
- 3. Protection Officer contacts the Signaller at Epping Panel and requests TOA.
- 4. Instruct Qualified Workers to clip & lock **114 points** & **52 points** to prevent rail traffic entry into the TOA and Worksite Protection Markers at **29.170 KM** and **23.580 KM** on the **Down Relief line**.
- 5. Protection Officer informs the workplace supervisor that it is safe for work to start.
- 6. Workers start work.
- 7. After all work is completed, move all workers and equipment into a safe place.
- 8. Instruct Qualified Workers to remove Railway Track Signal protection, Worksite Protection Markers, and point clips from the TOA.
- 9. Workers egress the rail corridor via Access Gate N00 29.289 km.
- 10. After all protection is removed, Protection Officer contacts the Signaller at Epping Panel that work is complete, all protection has been removed from the Down relief line, workers and equipment are clear of the Danger Zone and if any restrictions have been applied to fulfill the TOA.

### **TOA LIMITS:**



Image 3: Epping Side TOA Limit

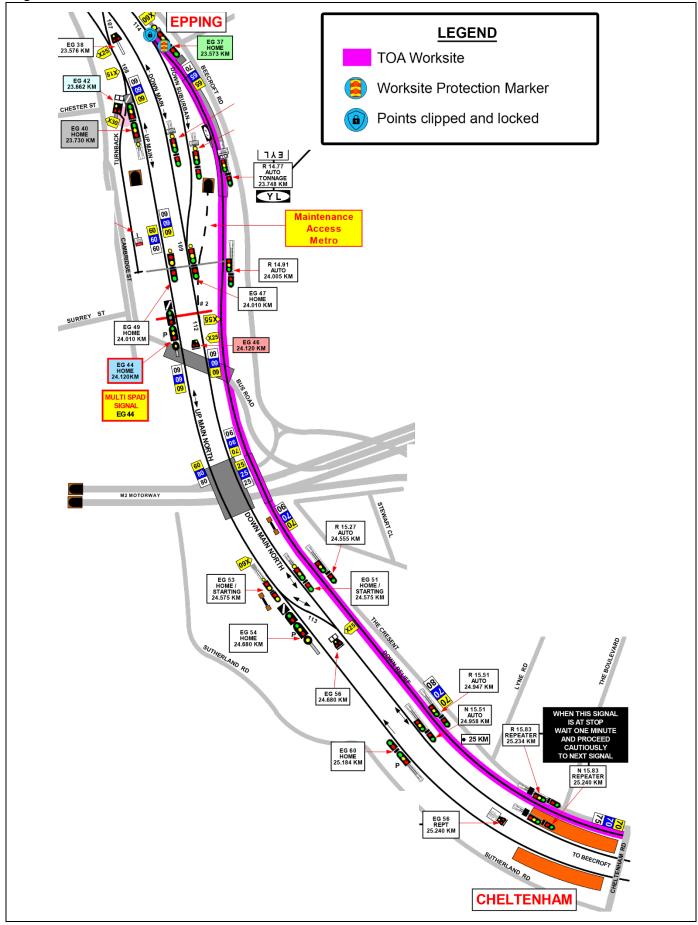


Image 4: Thornleigh Side TOA Limit

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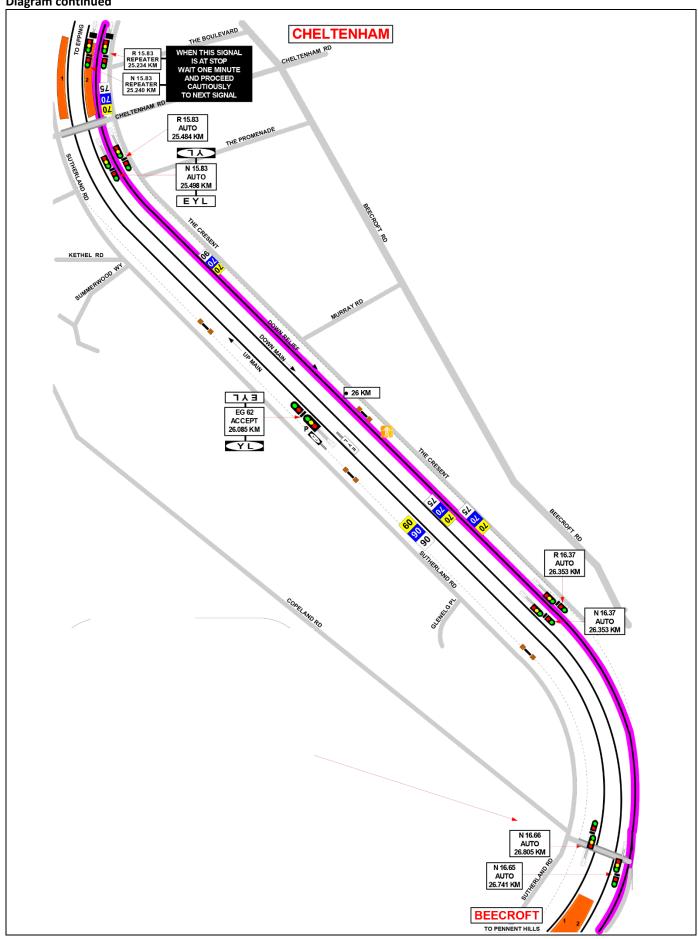
Diagram



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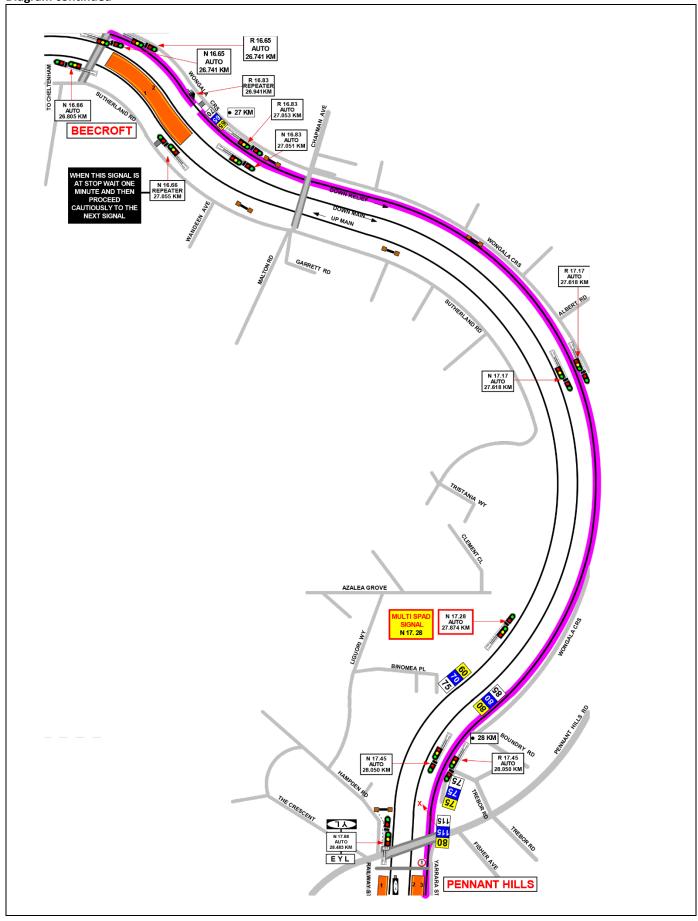
**Diagram continued** 



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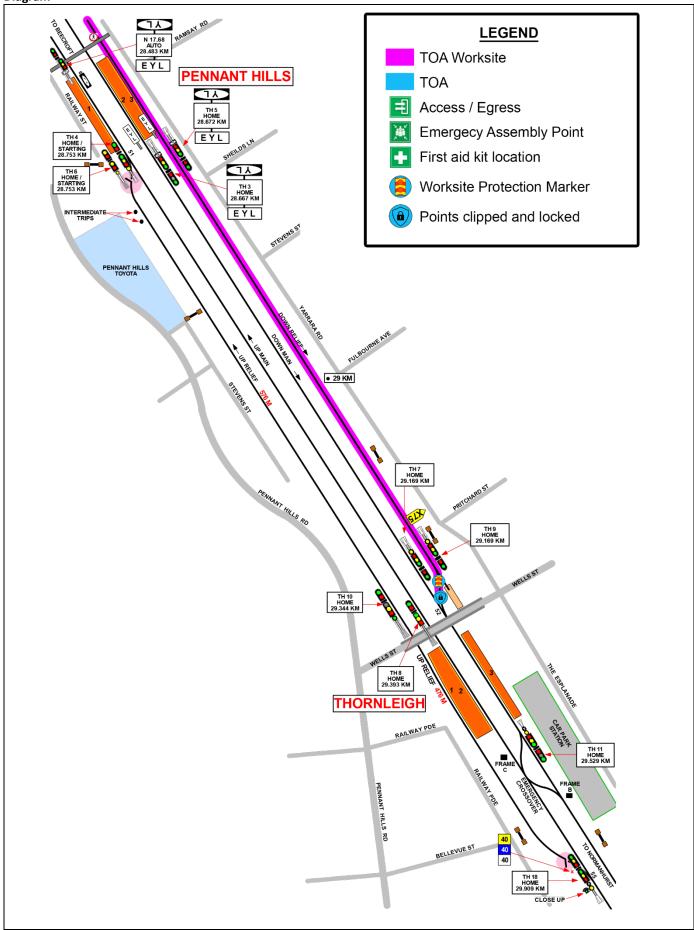
**Diagram continued** 

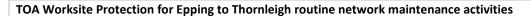


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Diagram







**Protection Officer's diary** 

Date	Time	Notes