# **TOA Worksite Protection for Stanwell Park Viaduct on the Up Illawarra Line**



DOCUMENT NO.	D2023/7950		
WORK DESCRIPTION	Routine Network Maintenance Activities		
WPP Number	SC37A2 10119	SAP Code	
SCOPE:	This SWI is applicable for the worksite protection arrangements using TOA for routine access to Stanwell Park viaduct performed by South Coast Maintenance teams  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.  Placing TOA Protection: Handsignaller Level 1 or higher, or Protection Officer Level 1 or higher.		
SAFETY CONTROLS – Track Occupancy Authority (TOA)	The TOA limits are from:  WG 660 U and WG 699 U on the Up Illawarra line.  The Worksite is from:  WG 684 U to WG 680 U on the Up Illawarra Line  Protection is placed at:  Railway Track Signal protection and Worksite Protection Markers at 54+376 KM and 58+420 KM.  375, 373, 367 and 366 are clipped and locked to prevent access into the TOA		
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:  6 x Railway Track Signals  2 x Worksite Protection Markers  x X Standard Point Clips, 2 x Tangential Point Clips, 4 x SL Locks and 2 x SL Key		
FURTHER INFORMATION:	NWT 300 Planning work in the Rail NWT 304 Track Occupancy Authori NPR 702 Using a Track Occupancy NPR 707 Clipping points NRF 002 Track Occupancy Authorit NPR 712 Protecting work from rail NGE 200 Walking in the Danger Zo NLA 410 Sutherland to Wollongong	ity Authority y (TOA) traffic on adjacent lines ne	

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Protection Officer assessment checklist			
Protection Officer's name:			<b>Yes</b> (Tick if Yes)
This document is still current at the time of its application? (Up to 12 months from the document issue date)			
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location, including:			
<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	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**

		Briefing date:	1 1
rotection Officer	Details		
	name	signature	contact No
Work location:	Stanwell Park		
Scope of work:	Routine Network Maintenance	Activities	
Worksite protection	on: TOA	Refer to Worksite Protect	ction Plan for details
Hazards (e.g. Site including physical and equipment)	e specific hazards identified, environment, human errors, plant	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Struck by rail traffic		TOA implemented.	Protection Officer
Adjacent live lines		Designated work and walk areas as per Protection Officer's instructions. All work must stop when warned by Protection Officer until rail traffic has passed.	Protection Officer
Electrical infras	structure	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 & Workplace Supervisor
Mobile phone distraction		Mobile phone usage is only allowed in the Danger Zone when required for work purposes.  Other than being used for work purposes, mobile phones may be used only in a safe place after informing the Protection Officer.	All

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CIIC	e Up Illawarra L	ine			
<b>W</b> orkpl	ace Supervisor Details				
		name		contact No	
Emerg	ency assembly point:		SWMS/SWI Ref #:		
First A locatio			First Aider:		
Norkp	lace Supervisor Ack	nowledgement			
The Wor	•	es that all identified WHS and rail safety	hazards have the Yes 🔲	signature	
Partici	pant Acknowledgem	ent			
NOTE	: Recipients of the briefing are t	o question the Briefer if they don't unders	stand any part of this briefing.		
All wor	rkers listed below acknowledge	that they:			
1. h	nave been inducted to the site		5. have been briefed on the co	ontents of the Worksite Protection Plan	
2. a	are free from the effects of alcoh	nol/drugs/fatigue	6. have been shown the Work	site Protection Plan diagram	
3. h	old the applicable and current I	Rail Safety Worker Authorisation, trade	7. understand the kinds and li	mits of worksite protection in place	
	icence and/or induction record of the second of the second of the second record of the second of the	e.g. Construction Industry Induction Protective Equipment (PPE)		ny new hazards and controls identified during of site inspection must be conducted immediately	
Mark ea	ach check box below with a tick 🗹 i	f the item applies or a cross 🗷 if the item does	not apply.		
	-	rements of the electrical permit (if	have been made aware of a	any hazardous materials/substances on site	
	required)  have been briefed on the SWMS/SWIs/documented safe work practice		have been briefed on Safety Data Sheets (SDS)		
□ h		rols recorded in this document and	have been briefed on the W	/HS Management plan azards of adjoining worksites/processes.	
Name	SWMS/SWIs	Signature	Time of briefing:	Amendment briefing:	
Name		Signature	hh:mm	hh:mm and initial	

SWI Custodian: Maintenance Operations Manager South Coast Territory SWI Approver: Deputy Executive Director Network Maintenance

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Issue Date: 22/08/2023 Version: 1.0 Page 4 of 10

### TOA Worksite Protection for Stanwell Park Viaduct on the Up Illawarra Line



### Worksite Protection Plan – Track Occupancy Authority Signaller Details

	name	Wollongong North Pan	el	02 4223 5446
Protection Officer Details	<b>;</b>			
	name	signatu	re	contact No.
RSW	or RIW No.	designatio	Planned duration	
Workplace Supervisor de	tails:			
Type of work:				
Worksite Location				
On the		Up Illawarra		
between	WG 680 U	and	WG 684 U	

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

#### **INSTRUCTIONS:**

- 1. Workers enter the rail corridor via 100 58.463 at Seabank Coalcliff
- 2. Protection Officer conducts the worksite protection pre-work briefing.
- 3. Protection Officer contacts the Signaller at Wollongong North Panel and requests TOA.
- 4. Protection Officer removes Half Pilot Staff at WG 660 U
- 5. Instruct Qualified Workers to place Railway Track Signal protection and Worksite Protection Markers at 58+420 KM and 54+376 KM on the Up Illawarra line
- 6. Protection Officer informs the workplace supervisor that it is safe for work to start.
- 7. Workers start work.
- 8. After all work is completed, move all workers and equipment into a safe place.
- 9. Instruct Qualified Workers to remove Railway Track Signal protection and Worksite Protection Markers from the TOA.
- 10. Workers egress the rail corridor via 100 58.463 at Seabank, Coalcliff
- 11. After all protection is removed, Protection Officer contacts the Signaller Wollongong North Panel that work is completed and confirms the restoration of half pilot staff to fulfill TOA.

#### ACCESS/EGRESS:



Image 1: Access gate I00 58.463 Worksite & Coalcliff Side Protection Access and Egress (Lawrence Hargrave Dr)



Image 2: Access gate 100 52.758 U Otford Side Protection (Otford Road)

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HALF PILOT STAFF



Image 3: Half Pilot Staff Coalcliff to Otford Up WG 660 U Worksite end of Coalcliff Platforms

#### TOA LIMITS:



Image 4: Coalcliff Side TOA limits  ${\rm WG~660~U}$ 

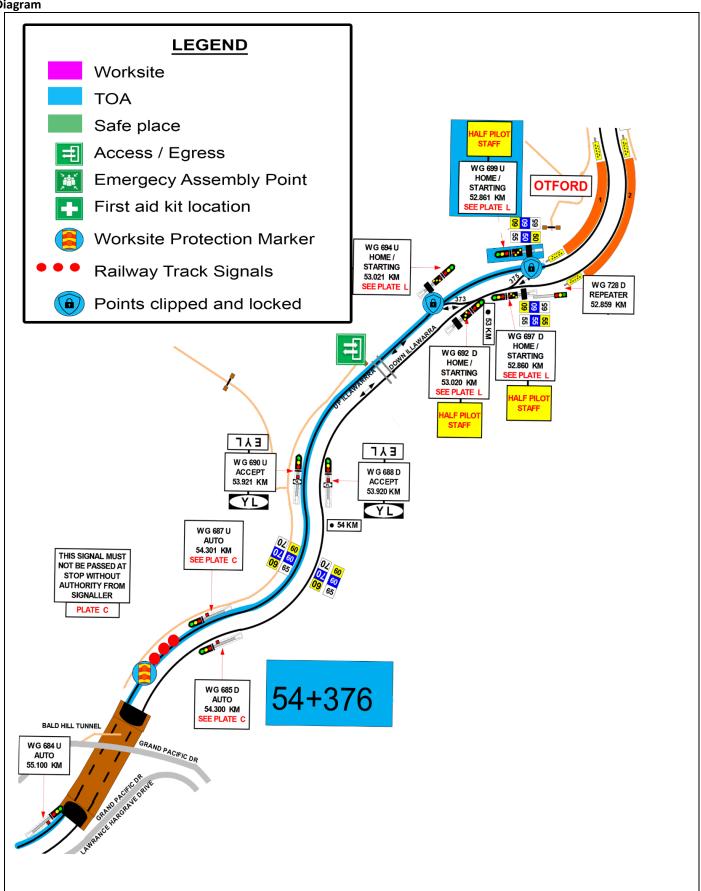


Image 5: Otford Side TOA limits WG 699 U

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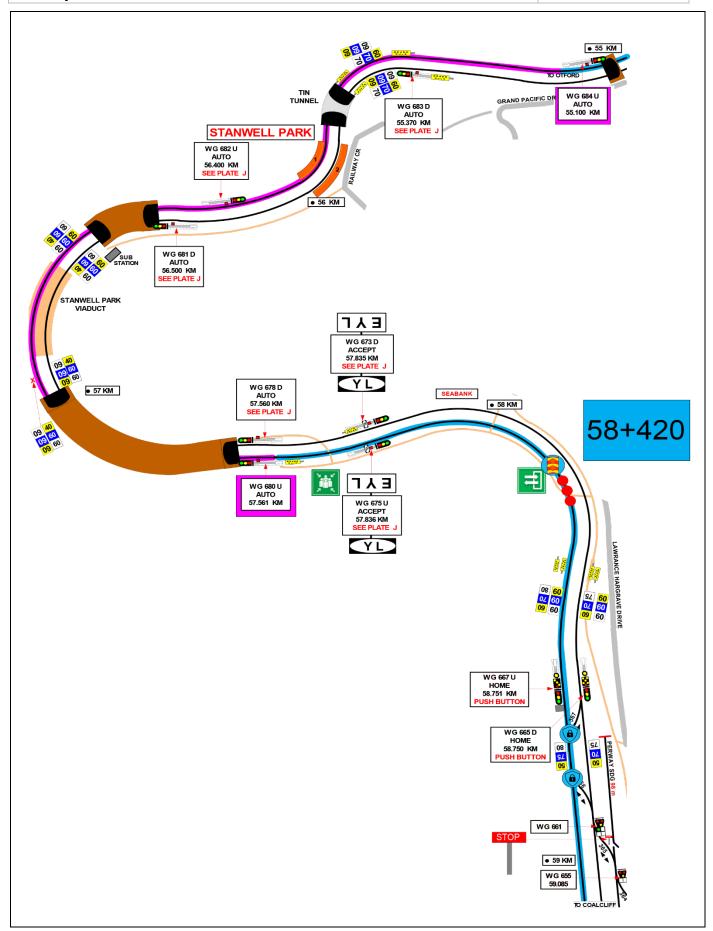


Diagram



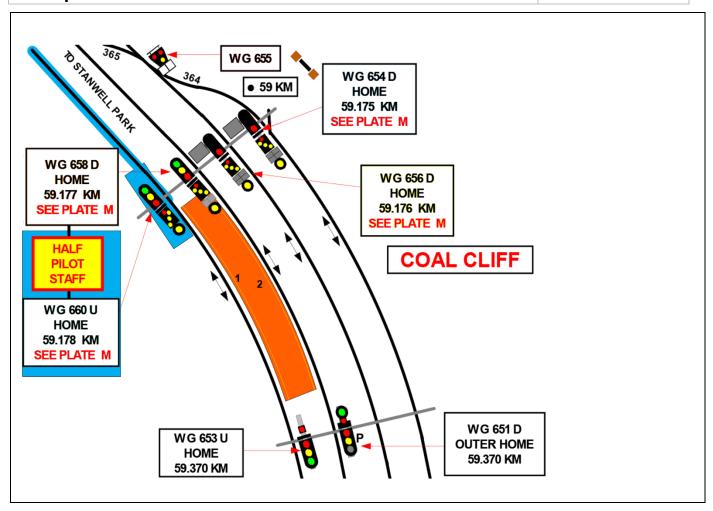
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## **TOA Worksite Protection for Stanwell Park Viaduct on the Up Illawarra Line**





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Protection Officer's diary

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Date	Time	Notes