

Safe Work Instruction

Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities



DOCUMENT NO.	D2023/6554
WORK DESCRIPTION	Routine network maintenance activities – Glenfield Junction (Lookout working)
WPP Number	SW20B 10081
SCOPE:	<p>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.</p> <p>Work activities include:</p> <ul style="list-style-type: none"> 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:	<p>Protection Officer: Protection Officer Level 1 or higher</p> <p>Lookout: Hand signaller Level 1 or higher or Protection Officer Level 1 or higher.</p>
SAFETY CONTROLS: Lookout working arrangements	<p>The nominated worksite location for Lookout Working is:</p> <ul style="list-style-type: none"> Up and Down Main South Line between 24.7 Signal and 26.7 Signal. Up and Down East Hills Line between EH 19.80 Signal and 58 points. Up and Down Southwest Rail Link between 62 points and GL43.1 Signal <p>As work moves along the track, the Protection Officer must assess the new location and:</p> <ul style="list-style-type: none"> Establish Lookouts as required to watch for approaching rail traffic from all entry points. Designate and instruct which safe places the workers are to use as the work is completed along the work route within the worksite limits.
PRESTART REQUIREMENTS:	<p>Protection Officer assessment checklist must be completed before instructions in this SWI are followed.</p> <p>Tools and equipment required:</p> <ul style="list-style-type: none"> Protection Officer requires a phone to contact the Signaller. Lookouts require a high-visibility arm sleeve and a whistle/horn.
FURTHER INFORMATION:	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 310 Lookout Working</i></p> <p><i>NPR 711 Using Lookouts</i></p> <p><i>NPR 751 Calculating Minimum Warning Time</i></p> <p><i>NPR 712 Protecting work from rail traffic on adjacent lines</i></p> <p><i>NGE 200 Walking in the Danger Zone</i></p> <p><i>Lookout Working Prohibited Locations Register</i></p> <p><i>NLA 500 Lidcombe-Campbelltown</i></p>

Safe Work Instruction

Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities



Protection Officer assessment checklist

Protection Officer's name:		Yes (Tick if Yes)
This document has not expired 12 months beyond the issue date.		
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location, including: <ul style="list-style-type: none">On-site safety assessment has been completed for relevancy of works being undertakenThe required protection details, environment and tasks are unchanged from the details of this SWI		
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	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.

Safe Work Instruction**Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities****Worksite Protection Pre-work Briefing**Briefing date: / / **Protection Officer details**

<input type="text"/> name	<input type="text"/> signature	<input type="text"/> contact No.
---------------------------	--------------------------------	----------------------------------

Work location: Scope of work: Worksite protection: Refer to Worksite Protection Plan for details

Hazards (e.g. Site specific hazards identified, including physical environment, human errors, plant and equipment)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Approaching rail traffic	Lookouts must be trained and competent to perform lookout duties. Lookouts must be rotated if performing lookout for extended periods of time. Workers to remain within worksite limits as set out in this procedure. Lookouts must be placed as per protection plan on page 8. Workers are to stop work and move to a safe place immediately on being warned by the lookouts	Protection Officer and Lookout
Live adjacent 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 points into worksite	One Lookout placed watching 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. Workers must stop work and move to a safe place and reassess positioning and method	Protection Officer and Lookout
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. Lookouts are to provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	Protection Officer and Lookout
Access to / Egress from worksite Slips, trips, falls and hazards carrying equipment	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. Protection Officer will assess and instruct when it is safe for workers to use <i>NGE 200 Walking in the Danger Zone</i> to move to the worksite or safe place.	All
Mobile phone	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

Safe Work Instruction

Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities



Workplace Supervisor details

<input type="text" value="name"/>		<input type="text" value="contact No."/>	
Emergency assembly point:	<input type="text"/>	SWMS/SWI Ref #:	<input type="text"/>
First aid kit location:	<input type="text"/>	First aider:	<input type="text"/>

Workplace Supervisor acknowledgement

The Workplace Supervisor acknowledges that all identified WHS and rail safety hazards have the appropriate controls in place to manage and/or eliminate the hazards.

Yes ☐

Participant acknowledgement

NOTE: Recipients of the briefing are to question the Briefer if they don't understand any part of this briefing.

All workers listed below acknowledge that they:

- | | |
|---|---|
| 1. have been inducted to the site | 6. have been briefed on the contents of the Worksite Protection Plan |
| 2. are free from alcohol and drugs | 7. have been shown the Worksite Protection Plan diagram |
| 3. are free from the effects of fatigue | 8. understand the kinds and limits of worksite protection in place |
| 4. hold the applicable and current Rail Safety Worker Authorisation, trade licence and/or induction record e.g. Construction Industry Induction | 9. have been briefed about any new hazards and controls identified during the final site inspection (<i>final site inspection must be conducted immediately before commencing work</i>) |
| 5. must wear the appropriate Personal Protective Equipment (PPE) | |

Mark each check box below with a tick ☒ if the item applies or a cross ☒ if the item does not apply.

- | | |
|---|---|
| <input type="checkbox"/> have been informed of the requirements of the electrical permit (if required) | <input type="checkbox"/> have been made aware of any hazardous materials/substances on site |
| <input type="checkbox"/> have been briefed on the SWMS/SWIs/documentated safe work practice for the job | <input type="checkbox"/> have been briefed on Safety Data Sheets (SDS) |
| <input type="checkbox"/> have been instructed in the controls recorded in this document and SWMS/SWIs | <input type="checkbox"/> have been briefed on the WHS Management plan |
| | <input type="checkbox"/> have been briefed on the hazards of adjoining worksites/processes. |

Name	Signature	Time of briefing: hh:mm	Amendment briefing: hh:mm and initial

Safe Work Instruction

Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities



Worksite Protection Plan – Lookout Working

Signaller Details

<input type="text" value="name"/>	<input type="text" value="Glenfield Panel"/>	<input type="text" value="02 8568 3442"/>
-----------------------------------	--	---

Protection Officer Details

<input type="text" value="name"/>	<input type="text" value="signature"/>	<input type="text" value="contact No."/>
<input type="text" value="RSW or RIW No."/>	<input type="text" value="designation"/>	Planned duration <input type="text"/>

Workplace Supervisor details:

Type of work:

Worksite location

on the	<input type="text" value="Up and Down Main South Line"/>	
Between	<input type="text" value="24.7 Signal"/>	and <input type="text" value="26.7 Signal"/>
on the	<input type="text" value="Up and Down East Hills Line"/>	
Between	<input type="text" value="EH 19.80 Signal"/>	and <input type="text" value="58 Points"/>
on the	<input type="text" value="Up and Down Southwest Rail Link"/>	
Between	<input type="text" value="62 Points"/>	<input type="text" value="GL 43.1 Signal"/>

Worksite assessment

Has the Lookout Working Prohibited Locations Register been consulted? Yes ☐

Warning method

<input type="text" value="Horn/Whistle"/>	<input type="text" value="Voice/Touch"/>
---	--

Minimum Warning Time Calculations

Maximum track speed

Number of Lookouts used Position of Lookouts to

Number of additional Lookouts* used Position of Lookouts to

Note - Lookouts are relocated to positions within these KMs as workers move along the worksite.

<input type="text" value="2 sec"/>	+	<input type="text" value="3 sec"/>	+	<input type="text" value="10 sec"/>		<input type="text" value="15 sec"/>	<input type="text" value="115 km/h"/>	<input type="text" value="479 metres"/>
<input type="text" value="2 sec"/>	+	<input type="text" value="3 sec"/>	+	<input type="text" value="10 sec"/>	= Minimum Warning Time (MWT)	<input type="text" value="15 sec"/>	<input type="text" value="75 km/h"/>	<input type="text" value="312 metres"/>
<input type="text" value="2 sec"/>	+	<input type="text" value="3sec"/>	+	<input type="text" value="10 sec"/>		<input type="text" value="15sec"/>	<input type="text" value="40 km/h"/>	<input type="text" value="167metres"/>
See Time (S)		Move Time (M)		Safe Time	(S+M+10 sec = MWT)		Track speed	Minimum Sighting Distance as calculated

Note – Additional MWT calculations can be recorded in the Protection Officer's Diary.

Where are the safe places identified for the Lookouts and the workers?

Lookouts:

Workers:

Ensure the workers have been briefed about these work details Yes ☐

Safe Work Instruction

Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities



INSTRUCTIONS:

1. Workers enter the rail corridor via access gate **S00 41.679D** or **M25 32.191D** (see Images 3 and 4).
2. Protection Officer briefs workers about the worksite protection arrangements.
3. Protection Officer contacts Glenfield Panel and tells the Signaller about the use of Lookout Working.
4. Establish Lookouts at designated locations.
5. Workers start work up to designated locations.
6. Workers move to safe place.
7. Re-establish Lookouts at next designated location.
8. Repeat steps 6-8 until work is complete.
9. Workers move to a safe place.
10. Recall lookouts.
11. Workers egress the worksite via access gate **S00 41.679D** or **M25 32.191D**
12. Protection Officer contacts Glenfield Panel to end Lookout Working.

ADDITIONAL DETAILS

SSFL two way running use caution when crossing tracks and look both directions.

LOOKOUTS



Image 1: Lookout view towards **Casula** station



Image 2: Lookout view towards **Macquarie Fields** Station

ACCESS/EGRESS

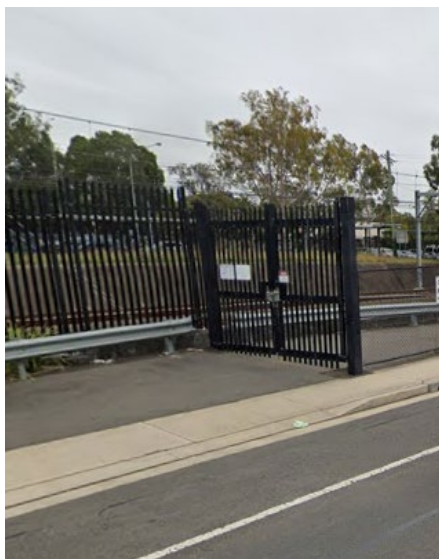


Image3: Access gate S00 41.679D Railway Parade



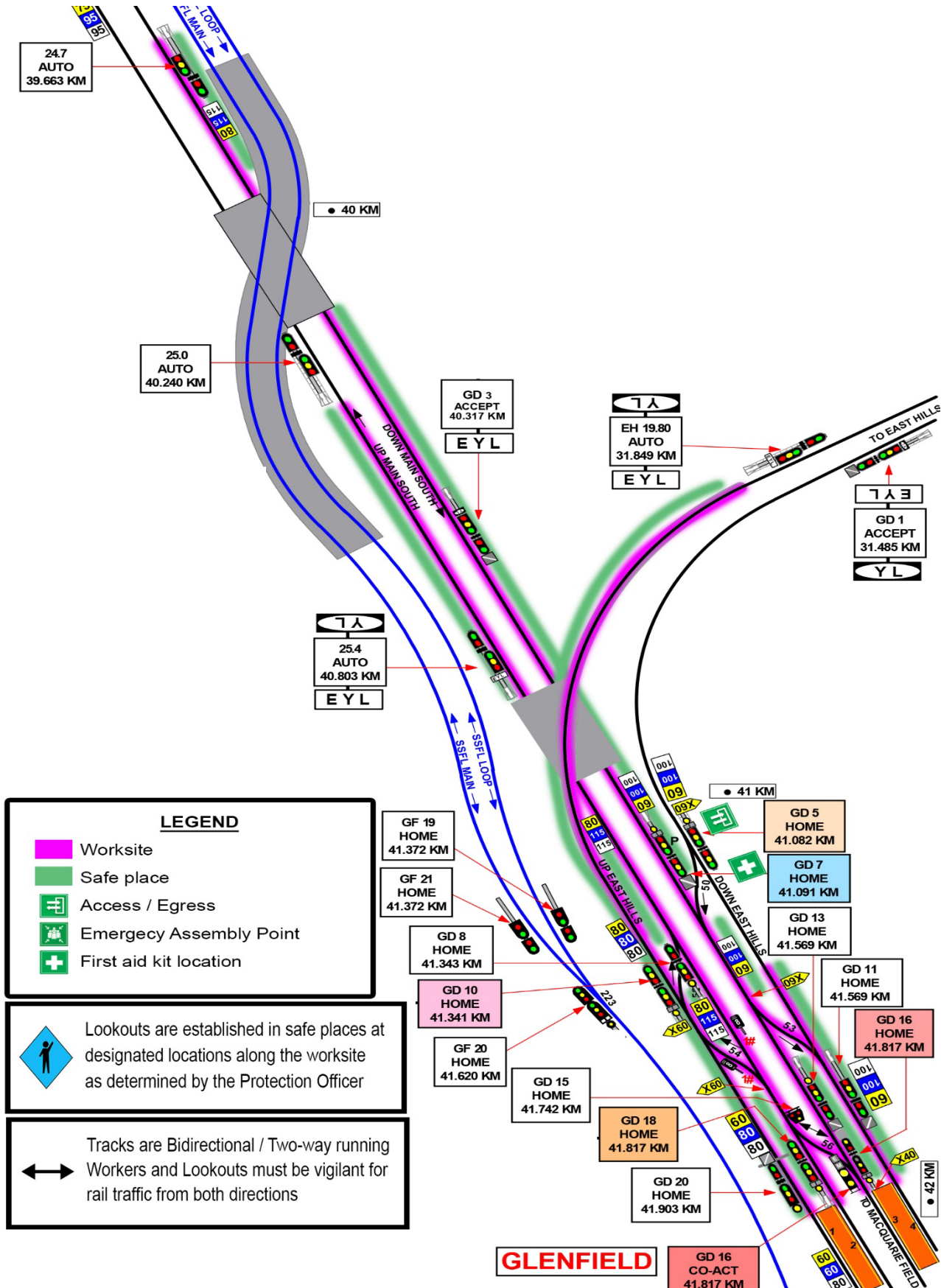
Image4: Access gate M25 32.191D Railway Parade

Safe Work Instruction

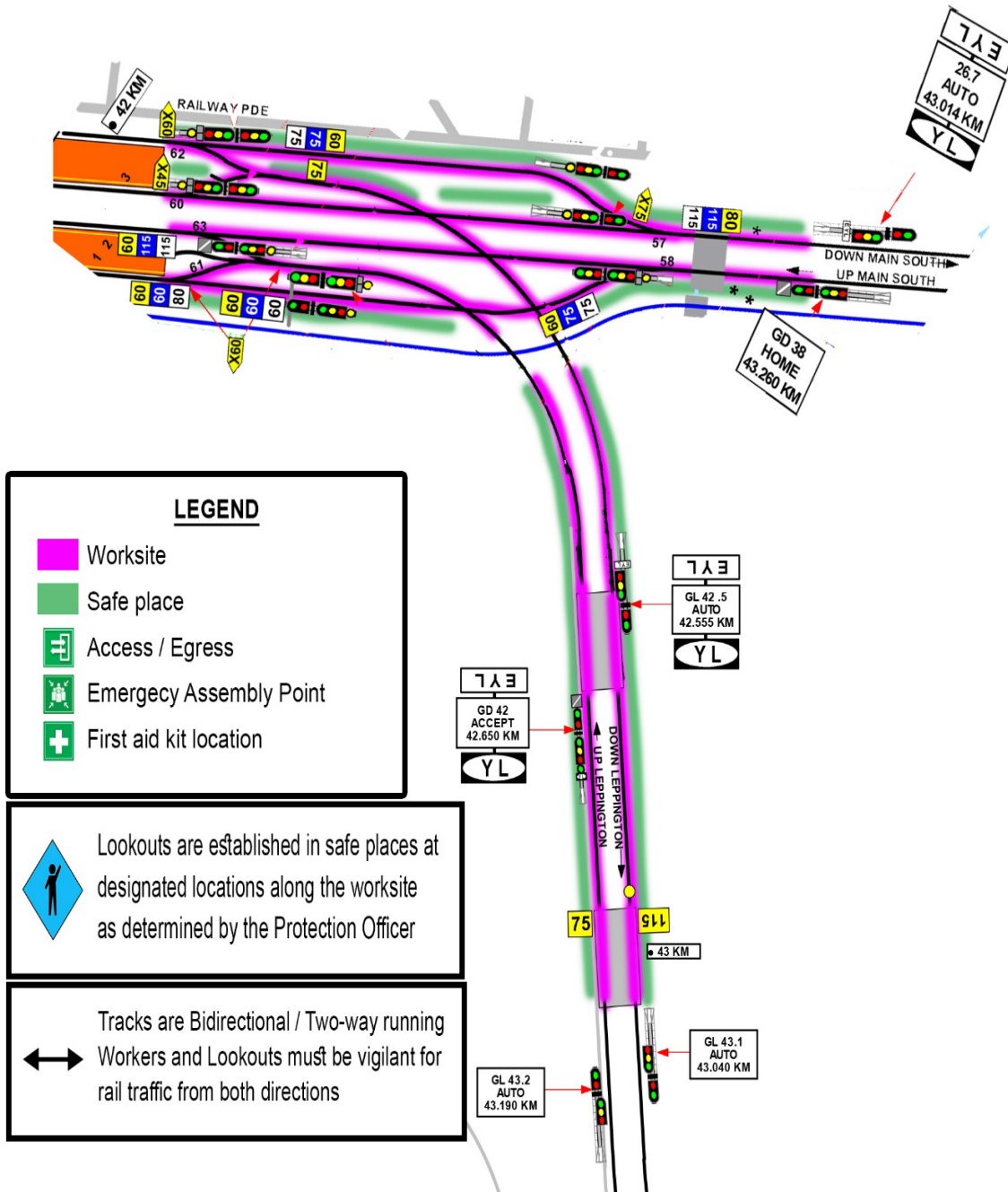
Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities



Diagram



Lookout Working Worksite Protection for Glenfield Junction Routine Network Maintenance Activities



[illegible]