

# ASB Worksite Protection for East Hills Routine Network Maintenance Activities

<b>DOCUMENT NO.</b>	D2023/3376
<b>WORK DESCRIPTION</b>	Routine network maintenance activities
<b>WPP Number</b>	SW17C 10082
<b>SCOPE:</b>	<p>This SWI is applicable for the worksite protection arrangements using ASB 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"> <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>
<b>AUTHORISATIONS:</b>	<p><b>Protection Officer:</b> Protection Officer Level 1 or higher</p> <p><b>Lookout:</b> Hand signaller Level 1 or higher, Protection Officer Level 1 or higher</p>
<b>SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:</b>	<p>ASB established to exclude rail traffic on the</p> <ul style="list-style-type: none"> <li>Up East Hills Line between EH8 Signal and EH14.42 Signal.</li> <li>Down East Hills Line between EH5 Signal and EH15.05 Signal.</li> <li>East Hills Turnback Road between EH14.42 Signal and End of Terminal Line</li> </ul> <p><b>For reference only.</b></p> <p>The assessed ASB protection is:</p> <ul style="list-style-type: none"> <li>EH12 and EH8 Signals at STOP with blocking facilities applied on the Up East Hills Line.</li> <li>EH1 and EH5 Signals at STOP with blocking facilities applied on the Down East Hills Line.</li> <li>Note: Turnback road EAST HILLS must not be occupied by rail traffic.</li> </ul>
<b>PRESTART REQUIREMENTS:</b>	<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"> <li>Protection Officer requires a phone to contact the Signaller</li> <li>Lookouts require a high-visibility arm sleeve and a whistle / horn</li> </ul>
<b>FURTHER INFORMATION:</b>	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 308 Absolute Signal Blocking</i></p> <p><i>NPR 703 Using Absolute Signal Blocking</i></p> <p><i>NGE 200 Walking in the Danger Zone</i></p> <p><b>NLA 510 - Sydenham to Glenfield</b></p>

**Protection Officer assessment checklist**

Protection Officer's name:

**Yes**  
*(Tick if Yes)*

This document has not expired 12 months beyond the issue date.

On-site safety assessment has been completed and additional hazards and controls recorded on the pre-work briefing (Page 3).

SWI details and protection arrangements have been reviewed and validated for the assessed worksite location.

**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.*

# ASB Worksite Protection for East Hills Routine Network Maintenance Activities



## Worksite Protection Pre-work Briefing

Briefing date:

### Protection Officer details

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
<b>Approaching rail traffic</b>	ASB implemented. Workers to remain within worksite limits.	Protection Officer
<b>Adjacent live lines</b>	Designated work and walk areas as instructed by the Protection Officer. Workers must remain within the ASB nominated worksite location limits whilst work is being performed.	Protection Officer
<b>Access to / Egress from worksite</b>	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 and from the worksite or safe place.	All
<b>Mobile phone distraction</b>	Mobile phone usage is not allowed in the Danger Zone. Mobile phones may be used only in a safe place after informing the Protection Officer.	All

Safe Work Instruction

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Workplace Supervisor details

Form fields for name, contact No., Emergency assembly point, SWMS/SWI Ref #, First aid kit location, and First aider.

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  signature

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

Mark each check box below with a tick [x] if the item applies or a cross [X] if the item does not apply.

- Checkboxes for:
- have been informed of the requirements of the electrical permit (if required)
- have been briefed on the SWMS/SWIs/documentated safe work practice for the job
- have been instructed in the controls recorded in this document and SWMS/SWIs
- 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.

Table with 4 columns: Name, Signature, Time of briefing: hh:mm, Amendment briefing: hh:mm and initial. Multiple empty rows for data entry.

# Worksite Protection Plan – Absolute Signal Blocking

## 1. ASB request – 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"/>

Type of work:

<b>2. Worksite location</b>					
On the	<input type="text" value="Up East Hills line"/>	from	<input type="text" value="EH8 Signal"/>	to	<input type="text" value="EH14.42 Signal"/>
On the	<input type="text" value="Down East Hills Line"/>	from	<input type="text" value="EH5 Signal"/>	to	<input type="text" value="EH15.05 Signal"/>
On the	<input type="text" value="Turnback Road East Hills"/>	from	<input type="text" value="EH14.42 Signal"/>	to	<input type="text" value="End Terminal Line"/>

## 3. Protection to be used

Protection is required from other Signallers at

## 4. Assurances

All points of entry into the affected portion of track are protected and blocking facilities applied

The last rail traffic to pass the protection was  The last known location of rail traffic is

Confirm that there is no rail traffic between the protection and the worksite

## 5. Authorisation

Authorised by Signaller

Protection Number  Notes

<b>6. Temporarily Suspending ASB</b>					
Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	<input type="text" value="hr"/>	ASB suspended at	<input type="text" value="hr"/>	ASB suspended at	<input type="text" value="hr"/>

<b>7. Re-establish ASB assurances</b>					
The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
The last rail traffic to pass the protection was	<input type="text" value="rail traffic ID"/>	The last rail traffic to pass the protection was	<input type="text" value="rail traffic ID"/>	The last rail traffic to pass the protection was	<input type="text" value="rail traffic ID"/>
The last known location of rail traffic is	<input type="text" value="location"/>	The last known location of rail traffic is	<input type="text" value="location"/>	The last known location of rail traffic is	<input type="text" value="location"/>
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	<input type="text" value="hr"/>	ASB re-established at	<input type="text" value="hr"/>	ASB re-established at	<input type="text" value="hr"/>
Protection Number	<input type="text"/>	Protection Number	<input type="text"/>	Protection Number	<input type="text"/>

## 8. Ending

Provide name and worksite location  Workers and equipment clear of the Danger Zone  Provide protection number  Ended at  hr





6. Temporarily Suspending ASB					
Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr
7. Re-establish ASB assurances					
The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID
The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr
Protection Number	<input type="text"/>	Protection Number	<input type="text"/>	Protection Number	<input type="text"/>

Notes

6. Temporarily Suspending ASB					
Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr	ASB suspended at	<input type="text"/> hr
7. Re-establish ASB assurances					
The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID	The last rail traffic to pass the protection was	<input type="text"/> rail traffic ID
The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location	The last known location of rail traffic is	<input type="text"/> location
There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr	ASB re-established at	<input type="text"/> hr
Protection Number	<input type="text"/>	Protection Number	<input type="text"/>	Protection Number	<input type="text"/>



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<p><b>INSTRUCTIONS:</b></p>	<ol style="list-style-type: none"> <li>Workers enter the rail corridor via access gate noted in images 5,6,7,8 (Note image 6 if larger vehicles).</li> <li>Protection Officer briefs workers about the worksite protection arrangements.</li> <li>Protection Officer contacts the Signaller at Revesby Panel to request ASB.</li> <li>After ASB has been authorised, start work within the limits of the nominated worksite location.</li> <li>After work is complete, workers move to a safe place.</li> <li>Protection Officer contacts the Signaller at Revesby Panel to end ASB.</li> <li>All workers egress the rail corridor via access gate.</li> </ol>
<p><b>ADDITIONAL DETAILS</b></p>	<p><u>Suspending ASB</u> If the ASB is required to be suspended, the Protection Officer must make sure all workers and equipment are clear of the Danger Zone and are in a safe place before suspending the ASB.</p>
<p><b>IMAGES:</b></p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;">  <p><b>Image 1</b> View of worksite towards <b>East Hills</b> station facing the Down direction.</p> </div> <div style="width: 50%; text-align: center;">  <p><b>Image 2:</b> View of worksite towards <b>East Hills</b> station facing the Down direction.</p> </div> <div style="width: 50%; text-align: center;">  <p><b>Image 3:</b> View of worksite towards <b>Panania</b> station facing the Up direction.</p> </div> <div style="width: 50%; text-align: center;">  <p><b>Image 4:</b> View of worksite towards <b>Panania</b> station Facing the Up direction.</p> </div> </div>



# ASB Worksite Protection for East Hills Routine Network Maintenance Activities



**Image 5** : M25 23.827U .Gate adjacent 15 Forest Rd, Up side at the city end of East Hills Station



**Image 6** M25 23.590U. Located on Park Road. **Wider Access for trucks or larger vehicles**



**Image 7** M25 23.801D. Opposite 61 Lehn Rd. City end of East Hills.



**Image 8** M25 23.633D Gate on Lehn Rd on the down side city end on East Hills Station

# ASB Worksite Protection for East Hills Routine Network Maintenance Activities

Diagram

