

ASB Worksite Protection for Albion Park to Shellharbour Junction

DOCUMENT NO.	D2025/5239
WORK DESCRIPTION	Routine Network Maintenance Activities
WPP Number	SC67C 10118
SCOPE:	<p>This SWI is applicable for the worksite protection arrangements using ASB for routine network maintenance activities performed by South Coast Maintenance Teams</p> <p>Work activities may include:</p> <ul style="list-style-type: none"> • Points Maintenance • Train Stop Maintenance • Track Circuit Testing • Turnout Inspections • KK Testing • Track Patrol • OHW Inspections • Structures Examinations
AUTHORISATIONS:	<p>Protection Officer: Protection Officer Level 1 or higher</p> <p>Lookout: Handsignaller Level 1 or higher, Protection Officer Level 1 or higher</p>
SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:	<p>ASB established to exclude rail traffic on the Main Line and Loop Line at Albion Park, the South Coast Branch Line</p> <p>For reference only.</p> <p>The assessed ASB protection is:</p> <ul style="list-style-type: none"> • 42.5 Signal at STOP with blocking facilities applied on the City side of the worksite. • 42.27 Signal at STOP with blocking facilities applied on the City side of the worksite. • 42.25 Signal at STOP with blocking facilities applied on the City side of the worksite. • 43.26 Signal at STOP with blocking facilities applied on the Country side of the worksite. • 43.28 Signal at STOP with blocking facilities applied on the Country side of the worksite. • 43.32 Signal at STOP with blocking facilities applied on the Country side of the worksite. • 43.30 Signal at STOP with blocking facilities applied on the Country side of the worksite.
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 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><i>NLA 418 Wollongong – Bomaderry (Nowra)</i></p>

ASB Worksite Protection for Albion Park to Shellharbour Junction**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.

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Worksite Protection Pre-work Briefing

Briefing date: / /

Protection Officer details

 name signature contact No.Work location: **Albion Park to Shellharbour Junction**Scope of work: **Routine Network Maintenance Activities**Worksite protection: **ASB** Refer to Worksite Protection Plan for details

Hazards (e.g. environment, plant, equipment, human error)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Approaching rail traffic	ASB implemented. Workers to remain within worksite limits.	Protection Officer
Adjacent live lines	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
Access to / Egress from worksite	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
Mobile phone distraction	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

☐

A final site inspection has been conducted immediately before commencing work, and any new hazards and controls have been included.

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name signature contact No.

Yes ☐ the Workplace Supervisor acknowledges that the Protection Officer will arrange worksite protection as required.

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

1. hold the applicable and current Rail Safety Worker Authorisation
2. have been briefed on the identified hazards and controls
3. have been briefed on the risks from adjacent lines and/or work sites
4. have been briefed on the planned worksite protection
5. understand the limits of the worksite
6. have been briefed on the contents of the Worksite Protection Plan
7. have been shown the worksite protection diagram or map

[illegible]

Safe Work Instruction

ASB Worksite Protection for Albion Park to Shellharbour Junction



Worksite Protection Plan – Absolute Signal Blocking

1. ASB request – Protection Officer Details

name	signature	contact No.
RSW or RIW No.	designation	Planned Duration

Type of work: **Routine Network Maintenance Activities**

2. Worksite location

on the **Main Line and Loop Line at Albion Park, South Coast Branch Line and Main Line and Loop Line at Shellharbour Junction** from **42.27 & 42.25 Signals** to **43.26 & 43.28 Signals**

3. Protection to be used

Signal(s) at STOP with blocking facilities applied

Protection is required from other Signallers at

Location / panel

Location / panel

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

rail traffic ID

The last known location of rail traffic is

location

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

5. Authorisation

Authorised by Signaller

name

South Coast Panel

hr

/ /

Protection Number

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	hr	ASB suspended at	hr	ASB suspended at	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	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID
The last known location of rail traffic is	location	The last known location of rail traffic is	location	The last known location of rail traffic is	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	hr	ASB re-established at	hr	ASB re-established at	hr
Protection Number		Protection Number		Protection Number	

8. Ending

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

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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"/>
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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

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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"/>
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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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INSTRUCTIONS:

1. Workers enter the rail corridor via access gate 100 103.429 U
2. Protection Officer briefs workers about the worksite protection arrangements.
3. Protection Officer contacts the Signaller at South Coast Panel (02) 4223 5766 to request ASB.
4. After ASB has been authorized. start work within the limits of the nominated worksite location.
5. After work is complete, workers move to a safe place.
6. Protection Officer contacts the Signaller at South Coast Panel to end ASB.
7. All workers egress the rail corridor via access gate at on Piper Road

ADDITIONAL DETAILS

Suspending ASB

If the ASB is required to be suspended, the Protection Officer must ensure all workers and equipment are clear of the Danger Zone and are in a safe place before suspending the ASB.

ACCESS GATES:



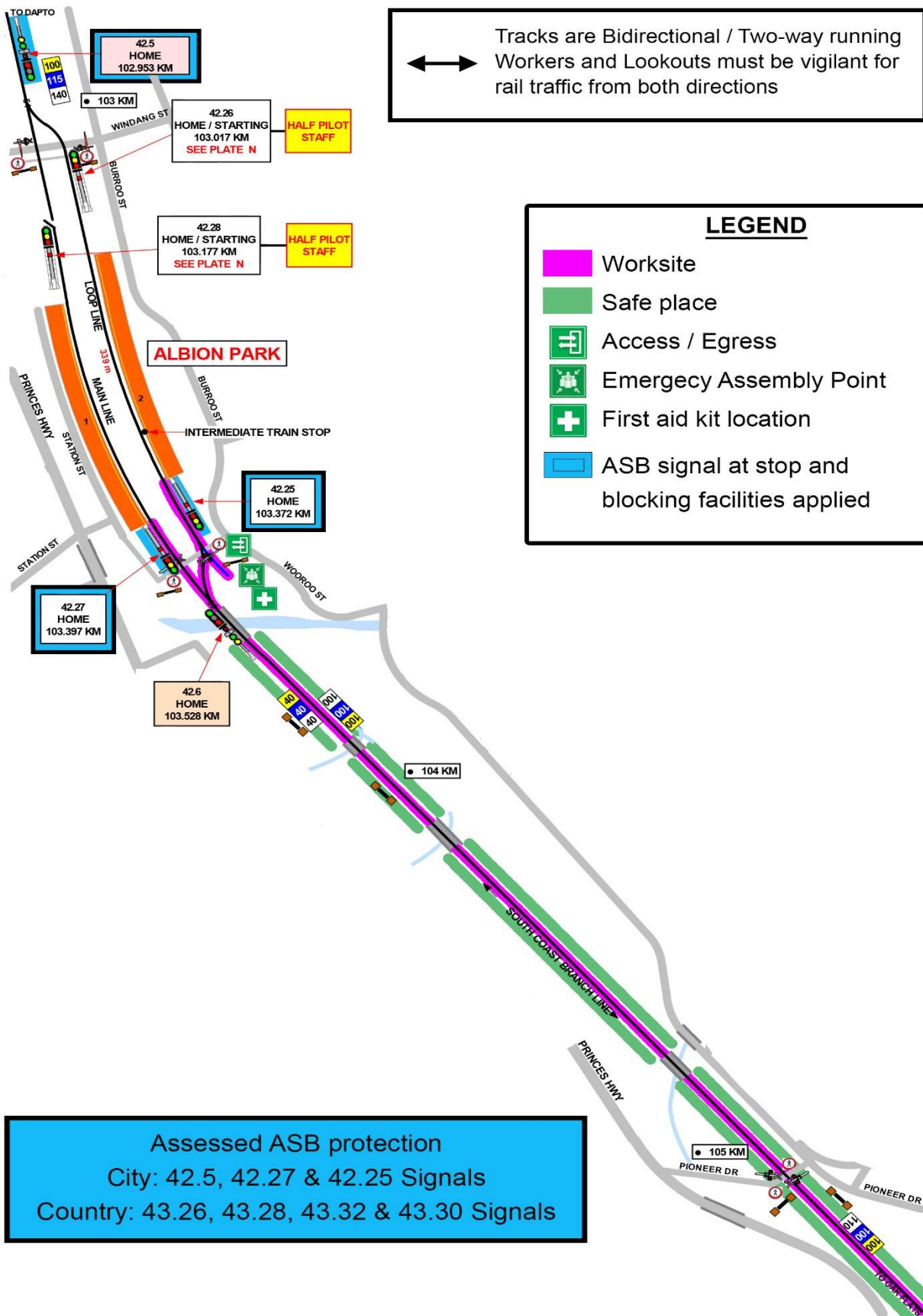
Image 1: Access gate 100 103.419 U on Princes Highway (through Commuter carpark).



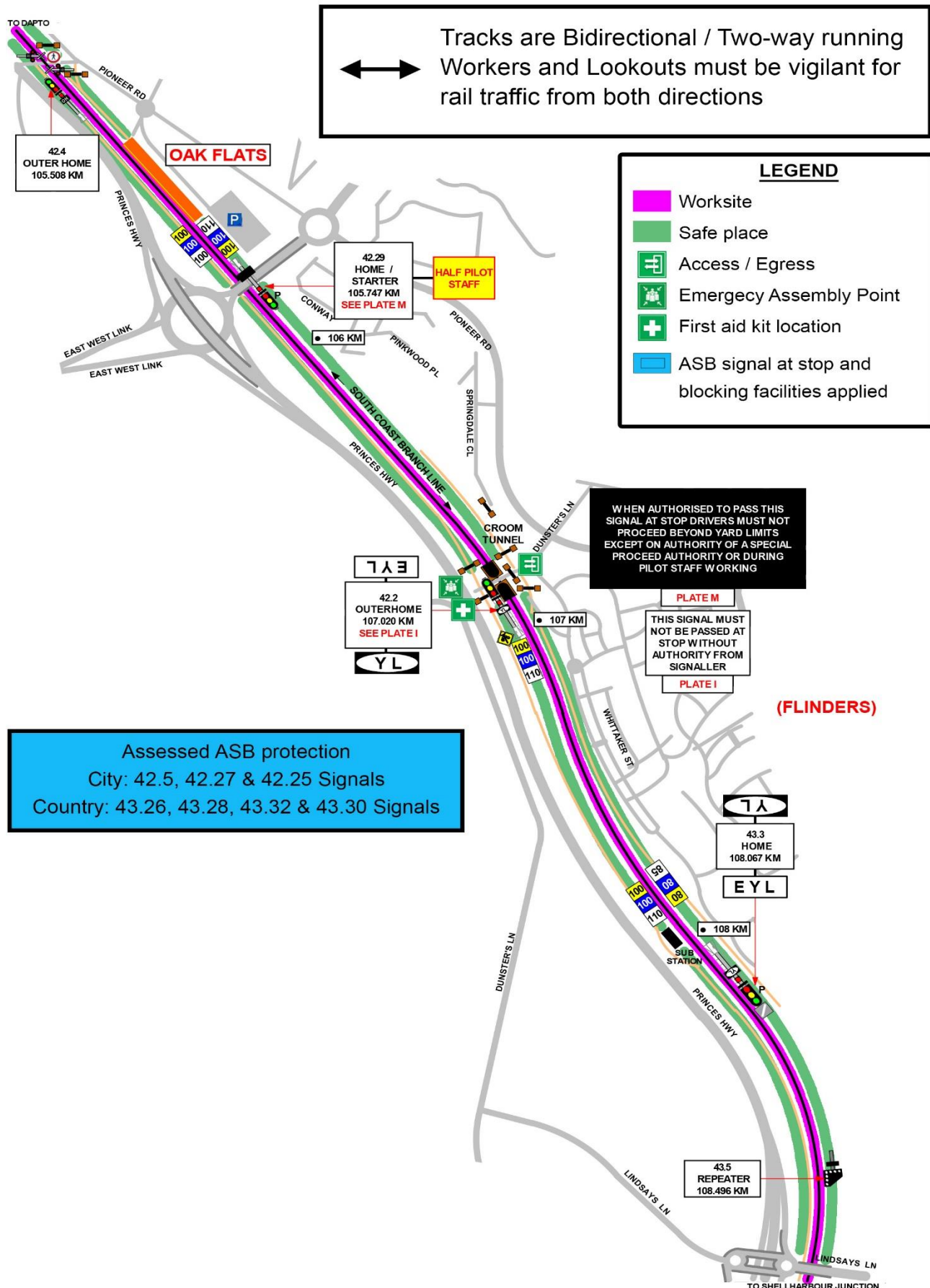
Image 2: Access gate at the end of Piper Road. (adjacent to 51 Points)

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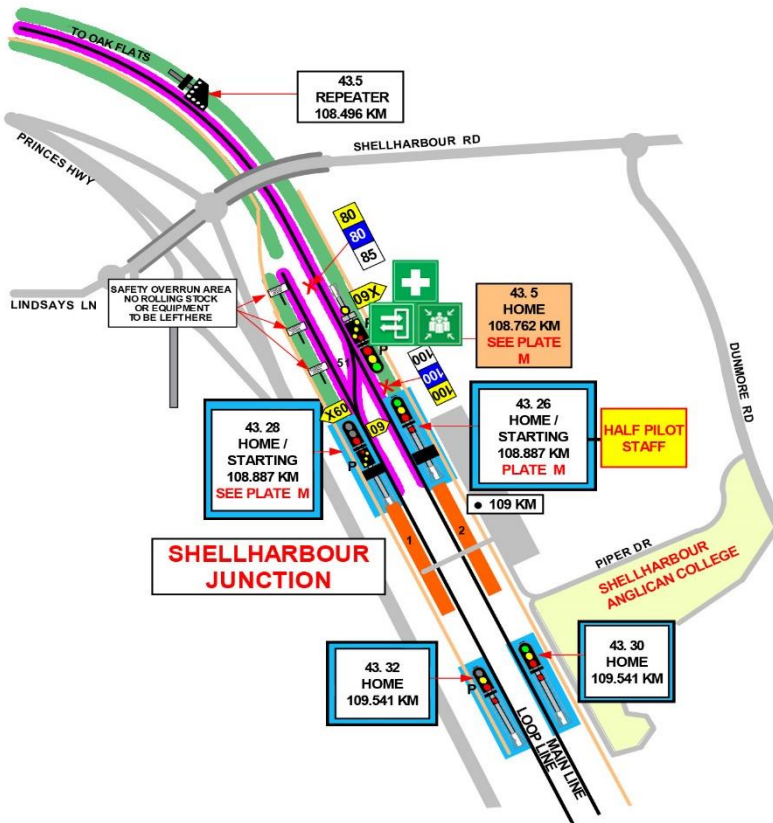
Diagram



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LEGEND

-  Worksite
-  Safe place
-  Access / Egress
-  Emergency Assembly Point
-  First aid kit location
-  ASB signal at stop and blocking facilities applied

Assessed ASB protection
City: 42.5, 42.27 & 42.25 Signals
Country: 43.26, 43.28, 43.32 & 43.30 Signals



Tracks are Bidirectional / Two-way running
Workers and Lookouts must be vigilant for
rail traffic from both directions



Protection Officer's diary

[illegible]