

TOA Worksite Protection for Waterfall to Helensburgh on the Up Illawarra Main

DOCUMENT NO.	D2022/2819
WORK DESCRIPTION	Routine Network Maintenance Activities
WPP Number	SC6A2 10119
SCOPE:	<p>This SWI is applicable for the worksite protection arrangements using TOA for routine network maintenance performed by South Coast network maintenance teams</p> <p>Work activities include:</p> <ul style="list-style-type: none"> • Track inspections and measurements • Track maintenance • Signal equipment inspections and maintenance • Points inspection and maintenance • Trainstop inspections and maintenance • Track-circuit testing • Structures inspection and maintenance • OHW patrol and inspection
AUTHORISATIONS:	<p>Protection Officer: Protection Officer Level 2 or higher.</p> <p>Placing TOA Protection: Handsignaller Level 1 or higher, or Protection Officer Level 1 or higher.</p>
SAFETY CONTROLS – Track Occupancy Authority (TOA)	<p>The TOA limits are from:</p> <ul style="list-style-type: none"> • WL 93 U Signal and WG 760 U Signal on the Up Illawarra line. <p>The worksite limits are from:</p> <ul style="list-style-type: none"> • 40.222 Km to 45.181 Km <p>Protection is placed at:</p> <ul style="list-style-type: none"> • Railway Track Signal protection and Worksite Protection Markers at 39.691 KM and 45.681 KM. • 395 B and 394 A points are clipped and locked to prevent unauthorised entry into the TOA. • Remove and safeguard the half-staff from either WL 93 U or WG 760 U Signals.
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. • Qualified Workers clipping and locking points require <ul style="list-style-type: none"> - 2 x Tangential point clips - 2 x SL locks and 1x SL key • Qualified Workers placing protection require: <ul style="list-style-type: none"> - 6 x Railway Track Signals - 2 x Worksite Protection Markers
FURTHER INFORMATION:	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 304 Track Occupancy Authority</i></p> <p><i>NPR 702 Using a Track Occupancy Authority</i></p> <p><i>NPR 707 Clipping points</i></p> <p><i>NRF 002 Track Occupancy Authority (TOA)</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>NLA 410 Sutherland to Wollongong</i></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.

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Worksite Protection Plan – Track Occupancy Authority

Signaller details

<input type="text" value="name"/>	Wollongong North Panel	02 4223 5446
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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: **Routine Network Maintenance Activities**

Worksite location		
on the	Up Illawarra Main Line	
between	40.222 Km	and 45.181 Km

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:	<ol style="list-style-type: none"> Workers enter the rail corridor via I00 45.849 Access gate off Wilsons Creek Road Protection Officer conducts the worksite protection pre-work briefing. Protection Officer contacts the Signaller at Wollongong North Panel and requests TOA. Instruct Qualified Workers to place Railway Track Signal protection and Worksite Protection Markers at 39.691 KM and 45.681 KM on the Up Illawarra line. Instruct Qualified Workers to clip and lock 394 A and 395 B Points to prevent rail traffic entry into the TOA. Remove the half pilot staff if required Protection Officer informs the workplace supervisor that it is safe for work to start. Workers start work. After all work is completed, move all workers and equipment into a safe place. Instruct Qualified Workers to remove Railway Track Signal protection, Worksite Protection Markers and point clips from the TOA. Workers egress the rail corridor via the most practicable access gate. After all protection is removed, Protection Officer contacts the Signaller Wollongong North Panel that work is complete, all protection has been removed from the line, workers and equipment are clear of the Danger Zone and if any restrictions have been applied to fulfil the TOA.
ADDITIONAL DETAILS	When clipping and locking 394 A and 395 B points, it is critical that the Qualified Worker makes sure that the points are clipped and locked in the correct position that excludes rail traffic from the worksite and TOA.

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POINTS TO BE
CLIPPED AND
LOCKED



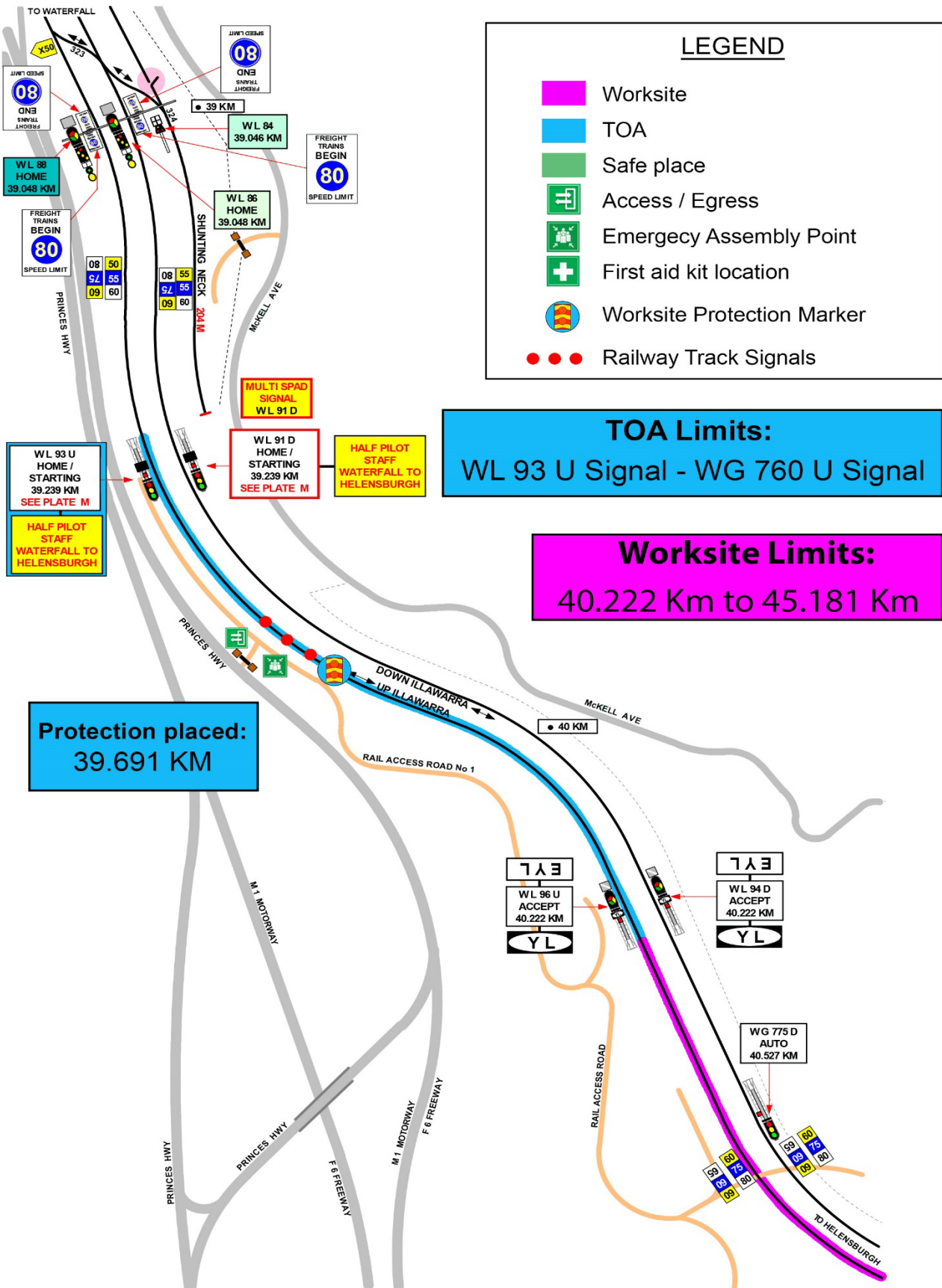
Image 1: 394 A points



Image 2: 395 B points

TOA Worksite Protection for Waterfall to Helensburgh on the Up Illawarra Main

Diagram



LEGEND

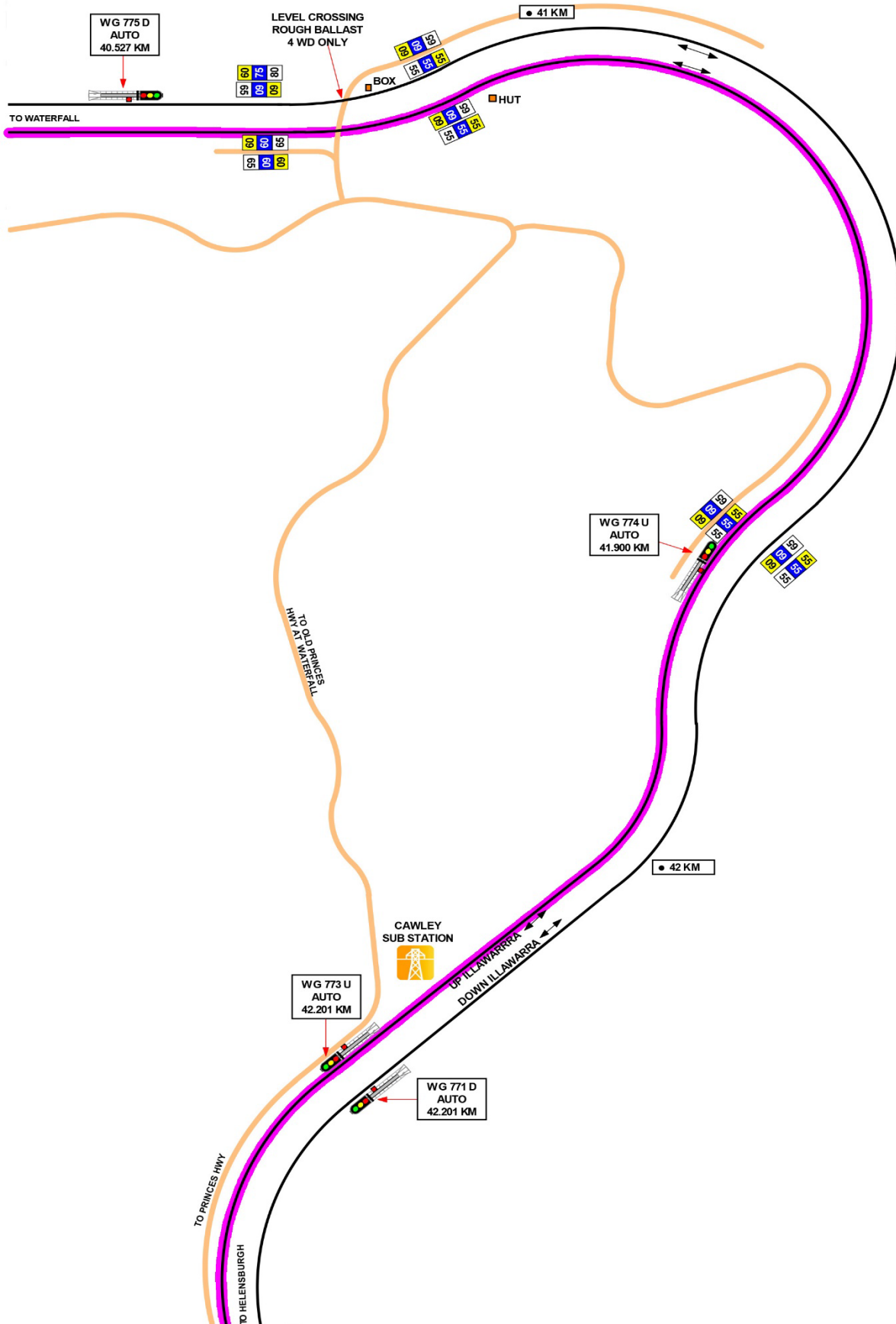
- Worksite
- TOA
- Safe place
- Access / Egress
- Emergency Assembly Point
- First aid kit location
- Worksite Protection Marker
- Railway Track Signals

TOA Limits:
WL 93 U Signal - WG 760 U Signal

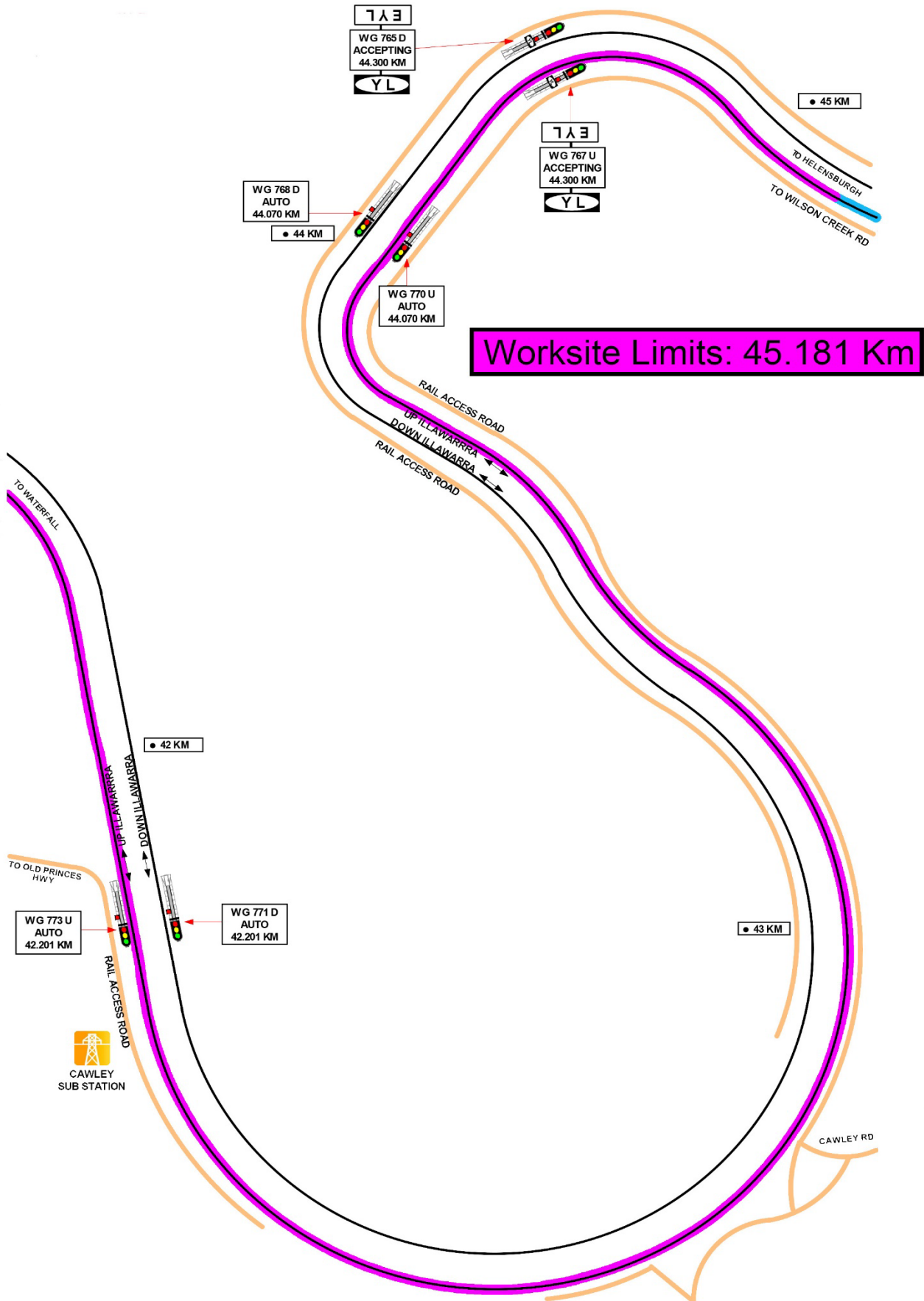
Worksite Limits:
40.222 Km to 45.181 Km

Protection placed:
39.691 KM

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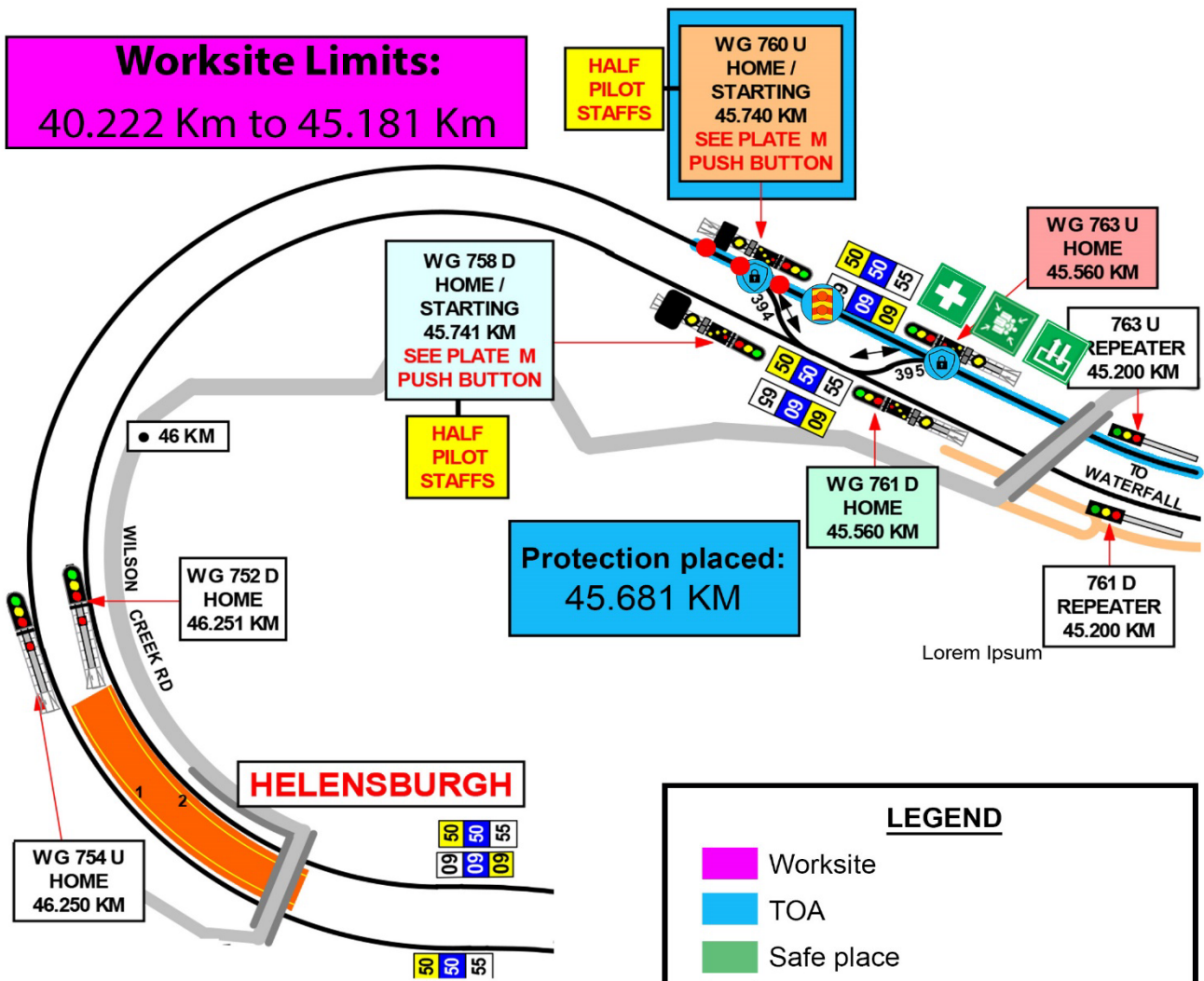


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Points clipped and locked:
394A & 395B Clipped and Locked in Normal

TOA Limits:
WL 93 U Signal - WG 760 U Signal

Worksite Limits:
40.222 Km to 45.181 Km



LEGEND

- Worksite
- TOA
- Safe place
- Access / Egress
- Emergency Assembly Point
- First aid kit location
- Worksite Protection Marker
- Railway Track Signals
- Points clipped and locked

