

DRIVERS ROUTE KNOWLEDGE DIAGRAMS

MAIN WEST (BLUE MOUNTAINS) LINE

EMU PLAINS
LAPSTONE
GLENBROOK
BLAXLAND
WARRIMOO
VALLEY HEIGHTS
SPRINGWOOD
FAULCONBRIDGE
LINDEN
WOODFORD
HAZELBROOK
LAWSON
BULLABURRA
WENTWORTH FALLS
LEURA
KATOOMBA
MEDLOW BATH
BLACKHEATH
MT VICTORIA
BELL
NEWNES JUNCTION
EDGECOMBE
ZIG ZAG
LITHGOW

Effective Date: November 2021

Version: 4.64

Explanatory Notes:

Navigate to your area of interest via the station index or by using links created in Adobe bookmarks.

This document is approved for **route knowledge only**.

Do not use these diagrams for any safety related purpose without validating the information against a controlled source or in the field.

Information in these diagrams is uncontrolled.

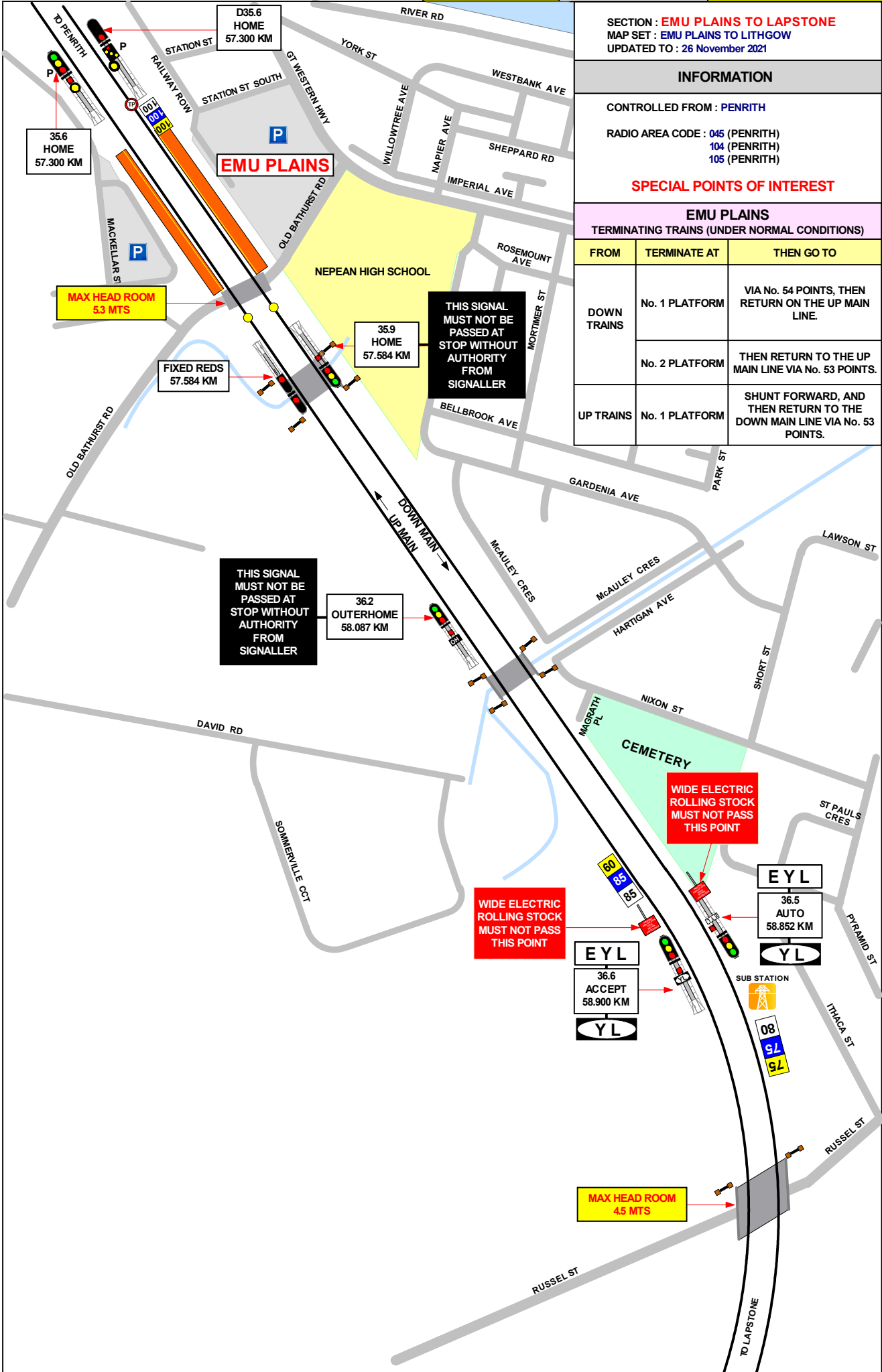
Please report any updates to
gis.support@transport.nsw.gov.au



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Location: TRIM Record No.D2015/572



SECTION : **EMU PLAINS TO LAPSTONE**
 MAP SET : EMU PLAINS TO LITHGOW
 UPDATED TO : 26 November 2021

INFORMATION

CONTROLLED FROM : **PENRITH**

RADIO AREA CODE : 045 (PENRITH)
 104 (PENRITH)
 105 (PENRITH)

SPECIAL POINTS OF INTEREST

EMU PLAINS
 TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	No. 1 PLATFORM	VIA No. 54 POINTS, THEN RETURN ON THE UP MAIN LINE.
	No. 2 PLATFORM	THEN RETURN TO THE UP MAIN LINE VIA No. 53 POINTS.
UP TRAINS	No. 1 PLATFORM	SHUNT FORWARD, AND THEN RETURN TO THE DOWN MAIN LINE VIA No. 53 POINTS.

GRADIENT	LEVEL
	1 IN 280
	LEVEL
	1 IN 186
	LEVEL

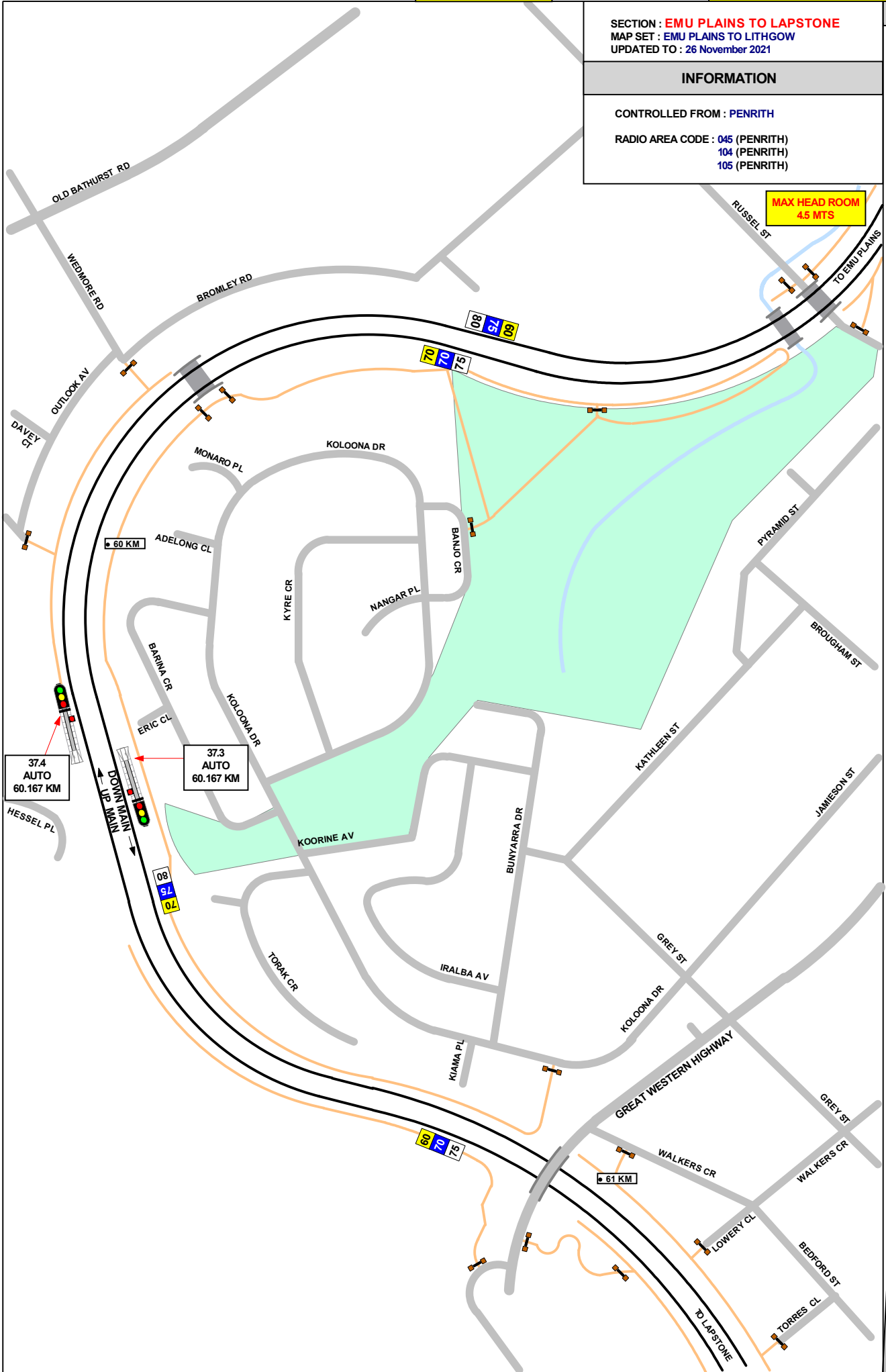
SECTION : EMU PLAINS TO LAPSTONE
MAP SET : EMU PLAINS TO LITHGOW
UPDATED TO : 26 November 2021

INFORMATION

CONTROLLED FROM : PENRITH

RADIO AREA CODE : 045 (PENRITH)
104 (PENRITH)
105 (PENRITH)

MAX HEAD ROOM
4.5 MTS



1 IN 60

SECTION : EMU PLAINS TO LITHGOW
MAP SET : EMU PLAINS TO LAPSTONE
UPDATED TO : 28 MAY 2015

GRADIENT

INFORMATION

CONTROLLED FROM : PENRITH
RADIO AREA CODE : 045 (PENRITH)
104 (PENRITH)
105 (PENRITH)



1 IN 60

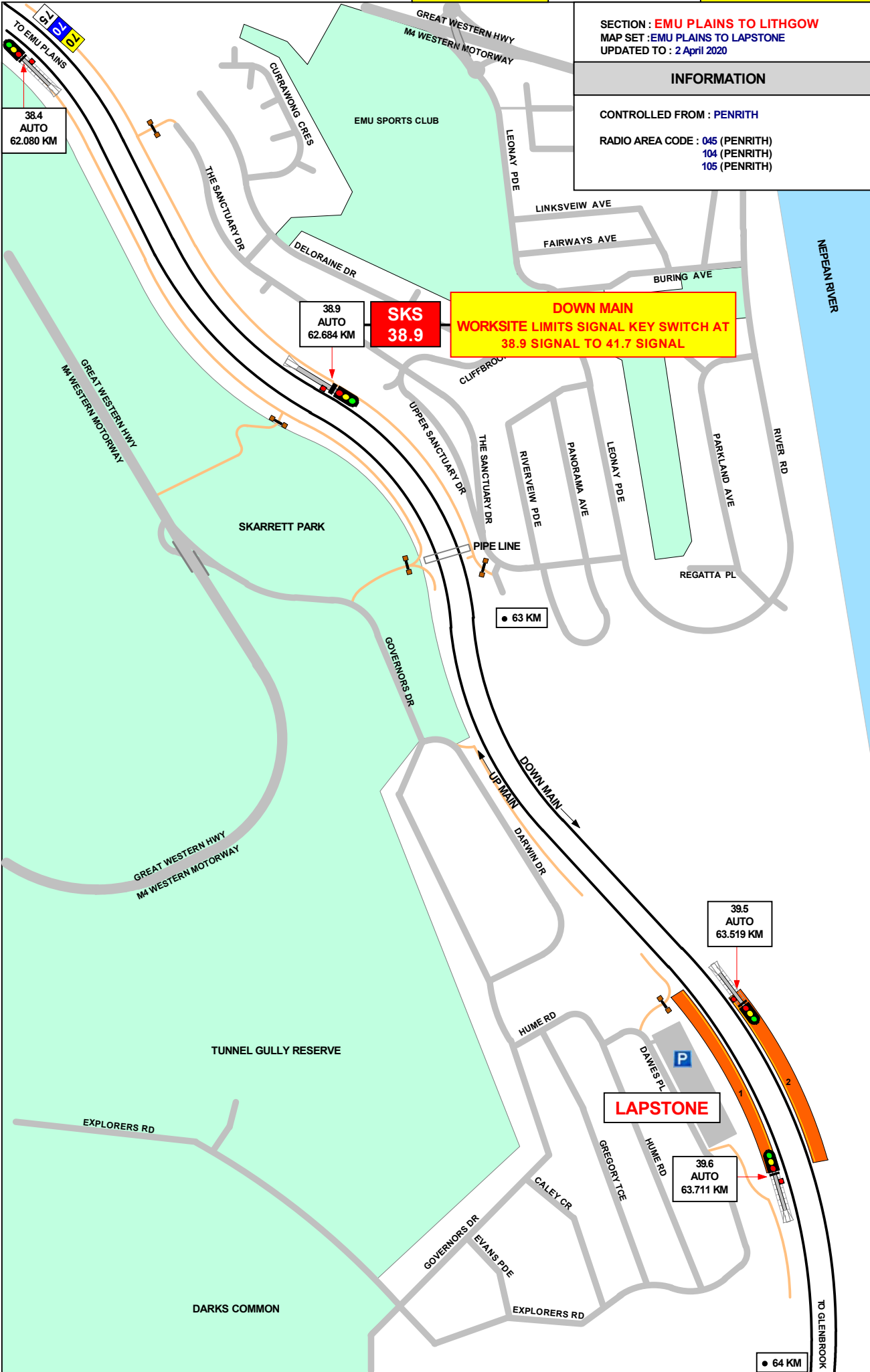
GRADIENT

SECTION : EMU PLAINS TO LITHGOW
MAP SET : EMU PLAINS TO LAPSTONE
UPDATED TO : 2 April 2020

INFORMATION

CONTROLLED FROM : PENRITH

RADIO AREA CODE : 045 (PENRITH)
104 (PENRITH)
105 (PENRITH)

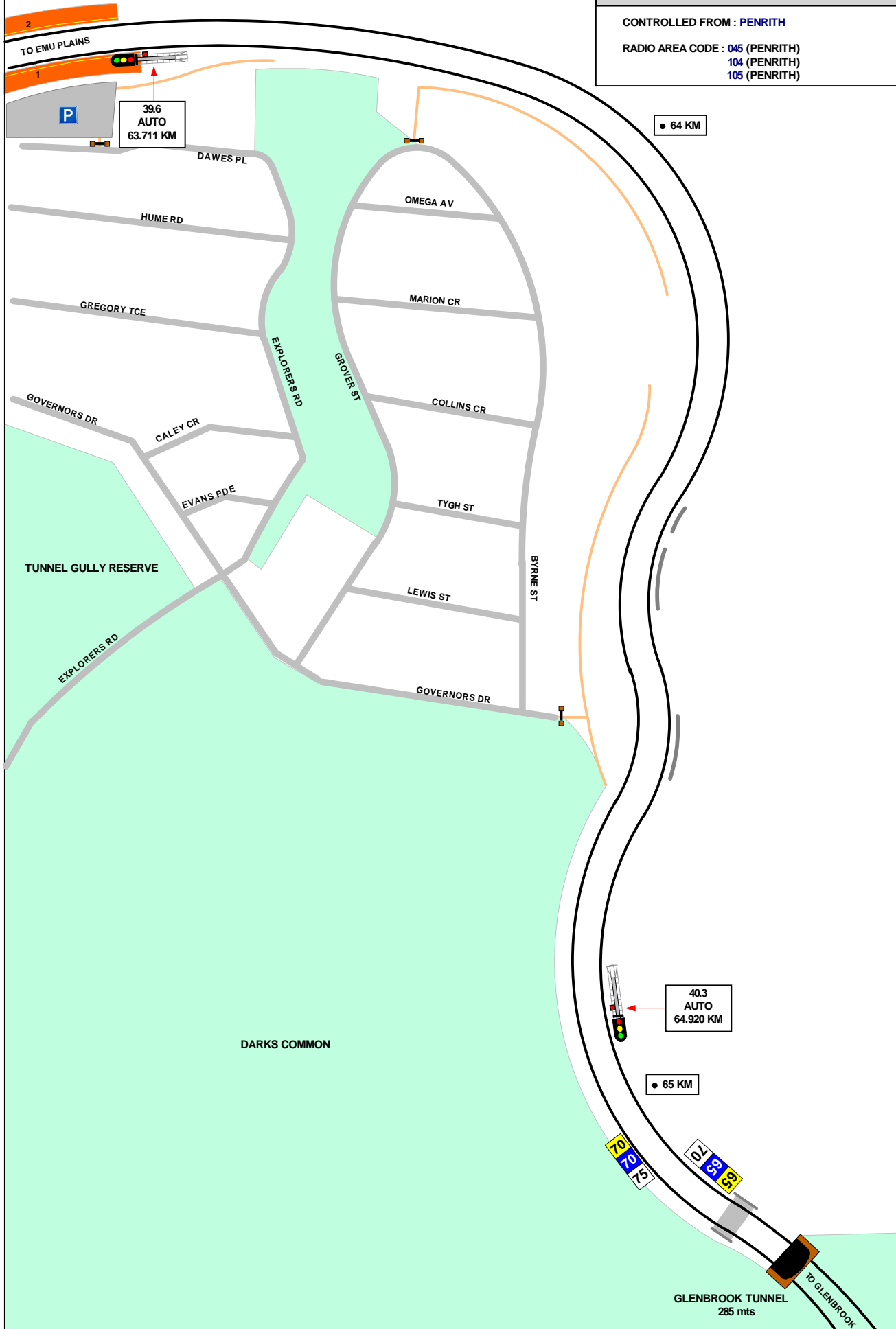


LAPSTONE

SECTION : EMU PLAINS TO LITHGOW
MAP SET : LAPSTONE TO GLENBROOK TUNNEL
UPDATED TO : 22 JULY 2014

INFORMATION

CONTROLLED FROM : PENRITH
RADIO AREA CODE : 045 (PENRITH)
104 (PENRITH)
105 (PENRITH)



1 IN 60

BLUE MOUNTAINS NATIONAL PARK

SECTION : EMU PLAINS TO LITHGOW
 MAP SET : LAPSTONE TO GLENBROOK
 UPDATED TO : 18 September 2020

GRADIENT

INFORMATION

CONTROLLED FROM : PENRITH

RADIO AREA CODE : 045 (PENRITH)
 104 (PENRITH)
 105 (PENRITH)

NLA 212 - PENRITH - WALLERAWANG

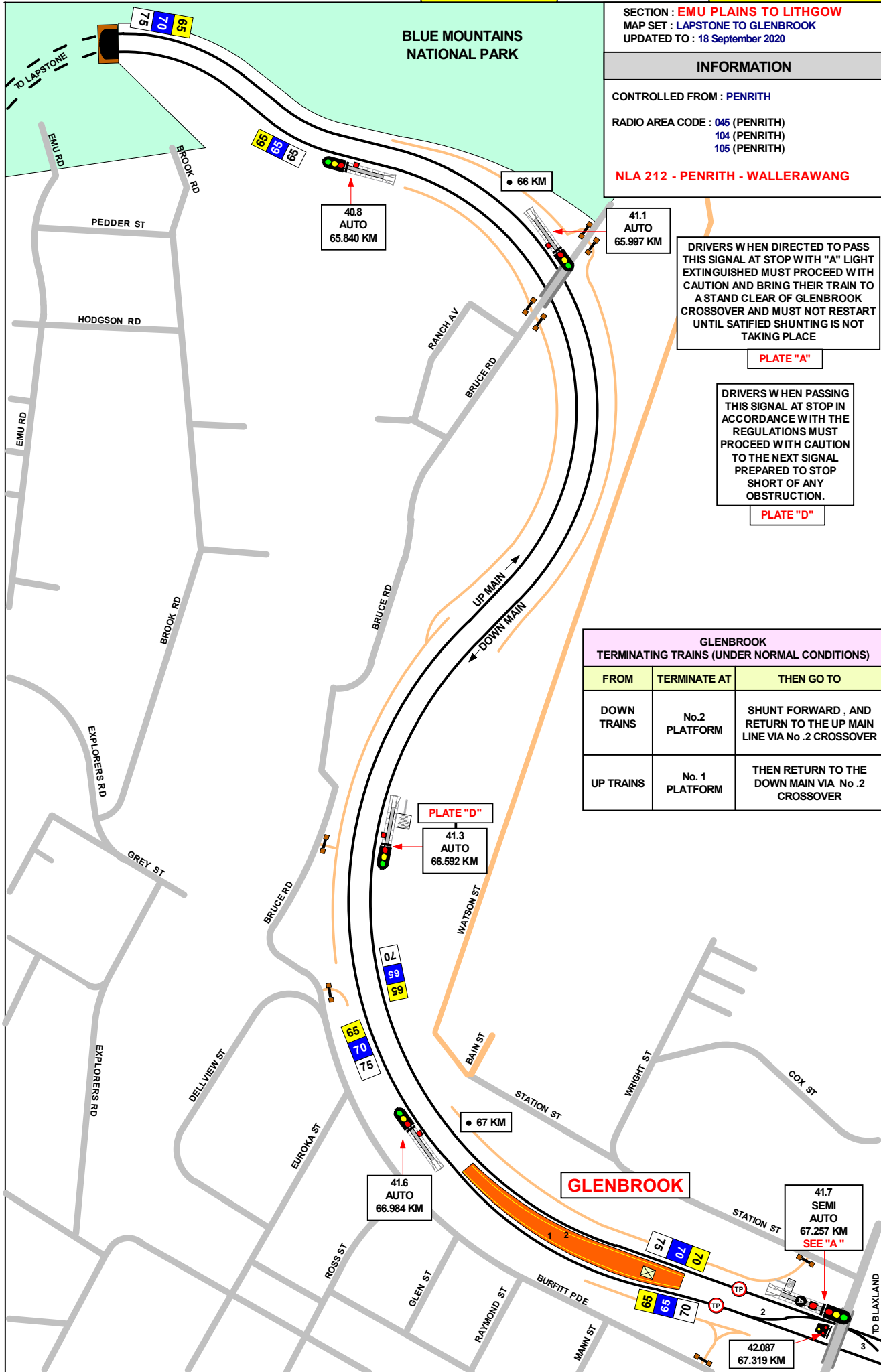
DRIVERS WHEN DIRECTED TO PASS THIS SIGNAL AT STOP WITH "A" LIGHT EXTINGUISHED MUST PROCEED WITH CAUTION AND BRING THEIR TRAIN TO A STAND CLEAR OF GLENBROOK CROSSOVER AND MUST NOT RESTART UNTIL SATISFIED SHUNTING IS NOT TAKING PLACE

PLATE "A"

DRIVERS WHEN PASSING THIS SIGNAL AT STOP IN ACCORDANCE WITH THE REGULATIONS MUST PROCEED WITH CAUTION TO THE NEXT SIGNAL PREPARED TO STOP SHORT OF ANY OBSTRUCTION.

PLATE "D"

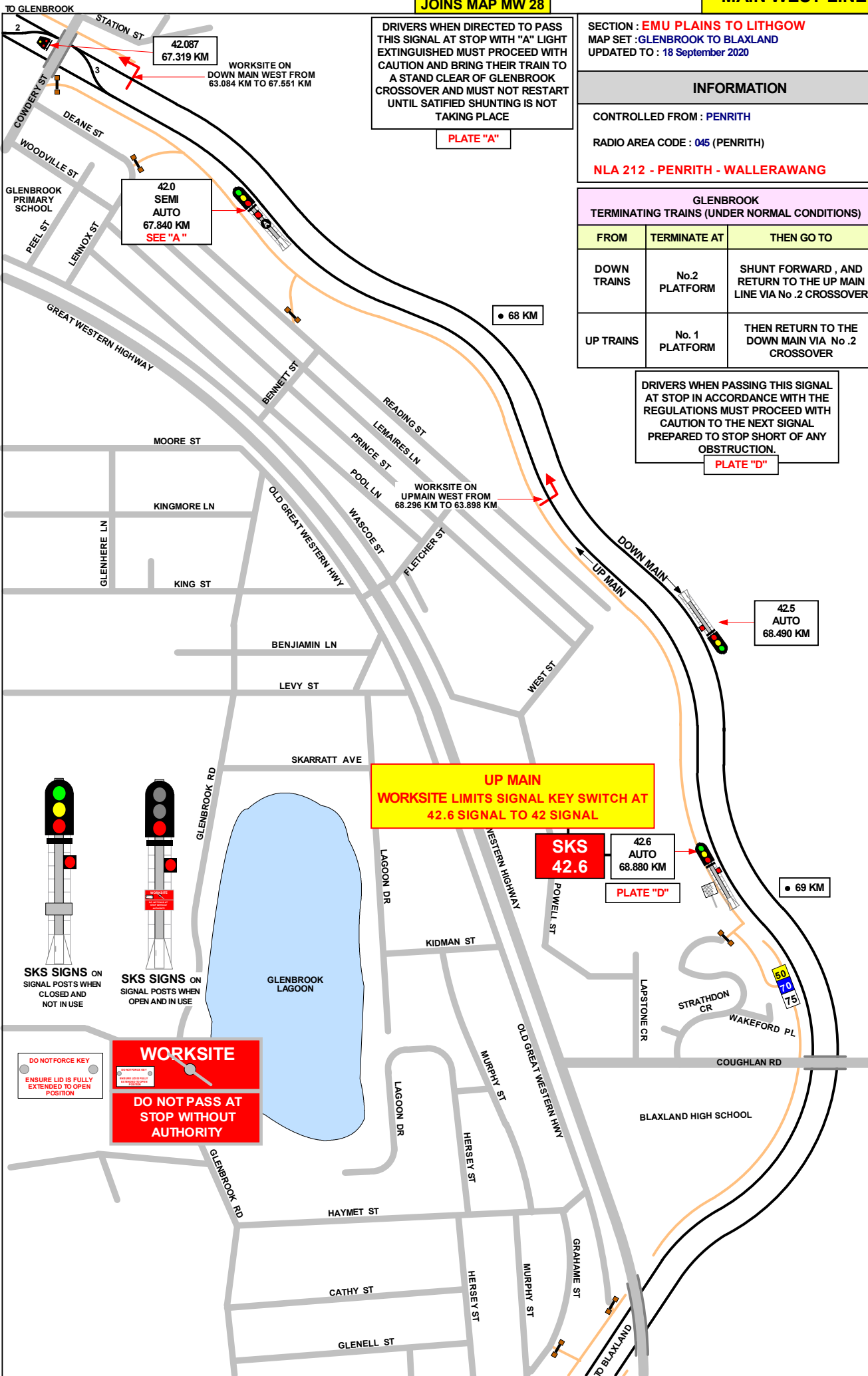
GLENBROOK TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	No.2 PLATFORM	SHUNT FORWARD , AND RETURN TO THE UP MAIN LINE VIA No .2 CROSSOVER
UP TRAINS	No. 1 PLATFORM	THEN RETURN TO THE DOWN MAIN VIA No .2 CROSSOVER



1 IN 60

1 IN 100

1 IN 60



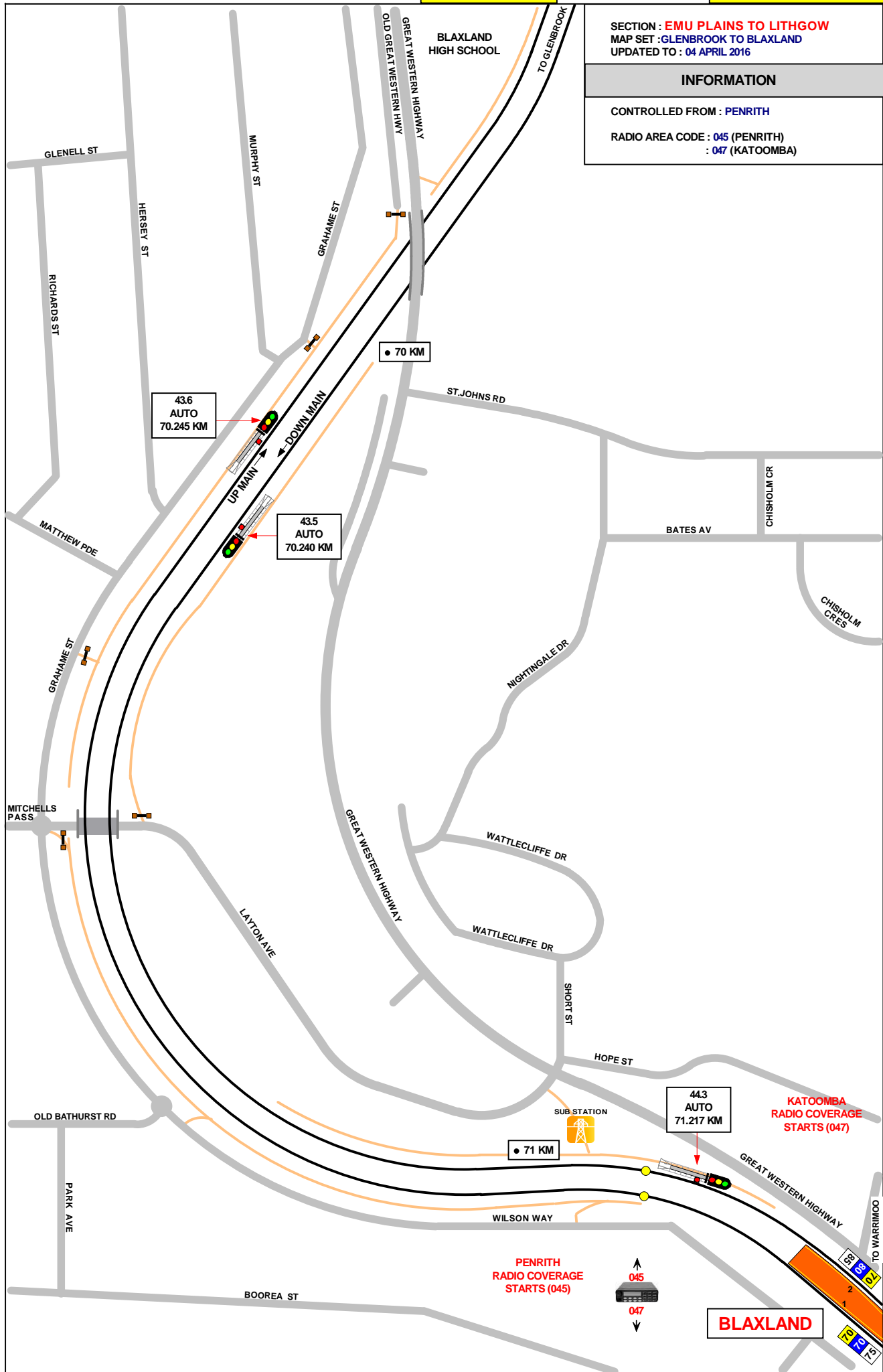
1 IN 60

SECTION : EMU PLAINS TO LITHGOW
MAP SET : GLENBROOK TO BLAXLAND
UPDATED TO : 04 APRIL 2016

INFORMATION

CONTROLLED FROM : PENRITH

RADIO AREA CODE : 045 (PENRITH)
: 047 (KATOOMBA)



BLAXLAND

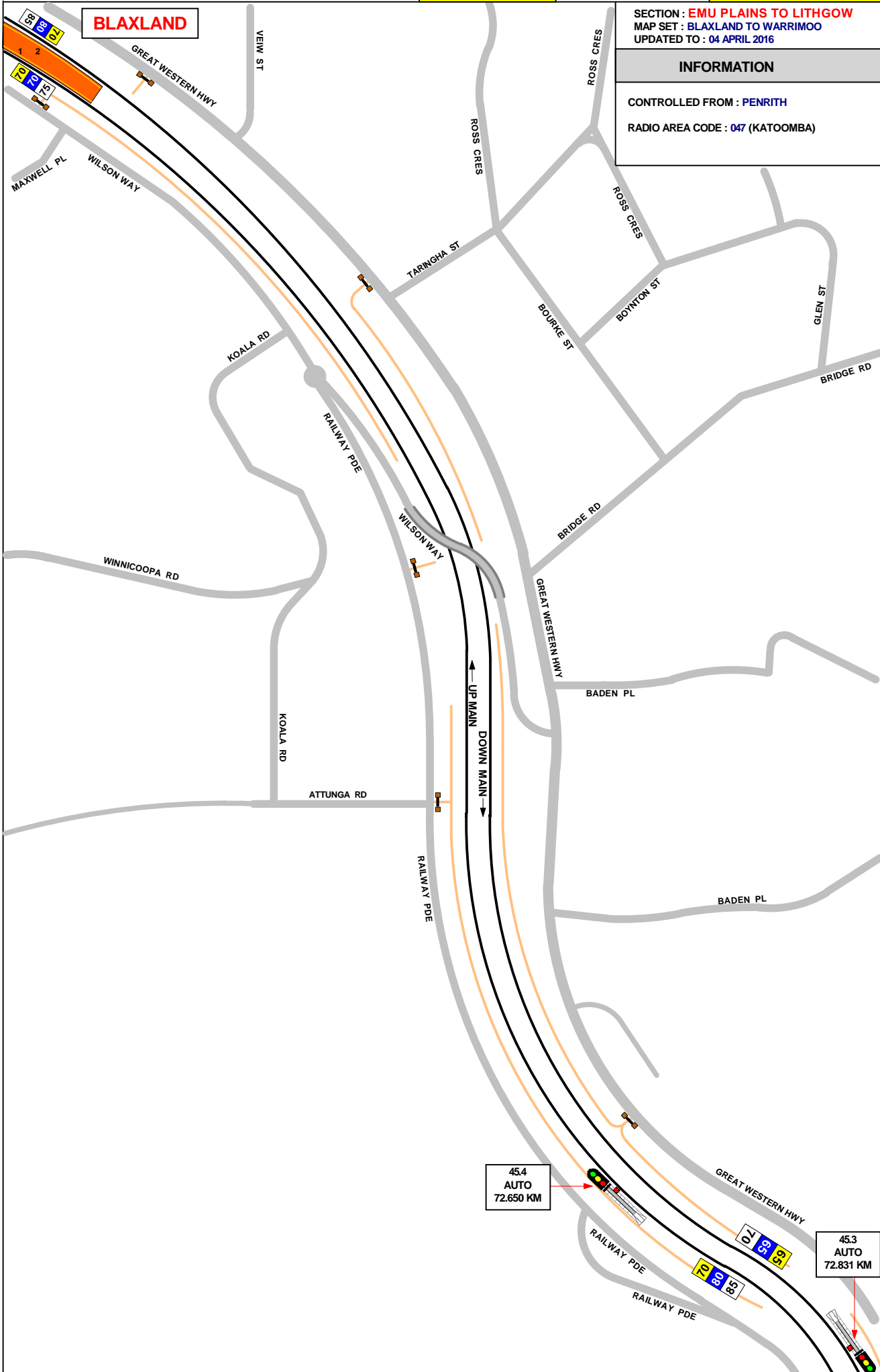


BLAXLAND

SECTION : EMU PLAINS TO LITHGOW
MAP SET : BLAXLAND TO WARRIMOO
UPDATED TO : 04 APRIL 2016

GRADIENT

INFORMATION
CONTROLLED FROM : PENRITH
RADIO AREA CODE : 047 (KATOOMBA)



1 IN 60

1 IN 100

1 IN 66

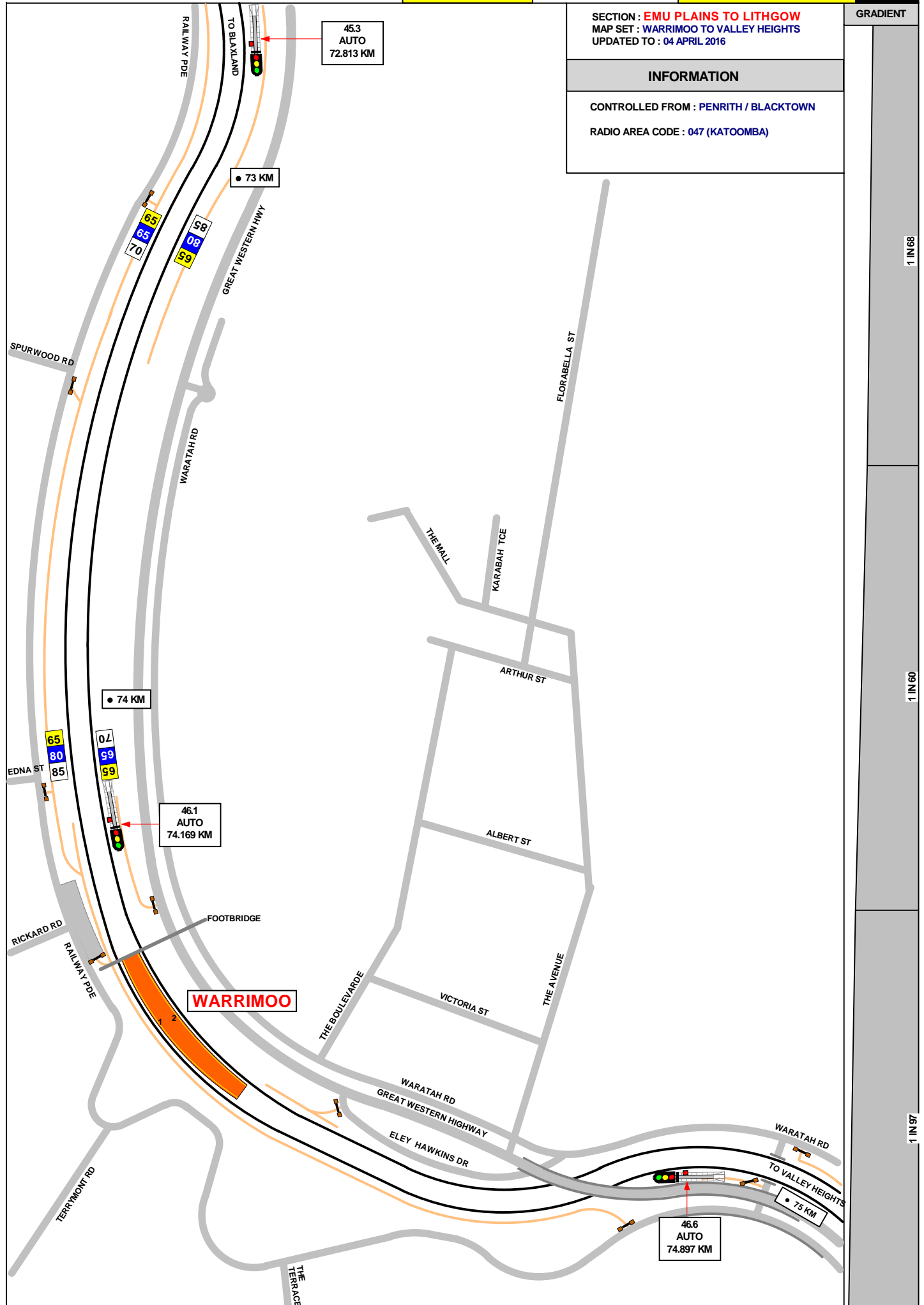
SECTION : EMU PLAINS TO LITHGOW
MAP SET : WARRIMOO TO VALLEY HEIGHTS
UPDATED TO : 04 APRIL 2016

GRADIENT

INFORMATION

CONTROLLED FROM : PENRITH / BLACKTOWN

RADIO AREA CODE : 047 (KATOOMBA)



1 IN 68

1 IN 60

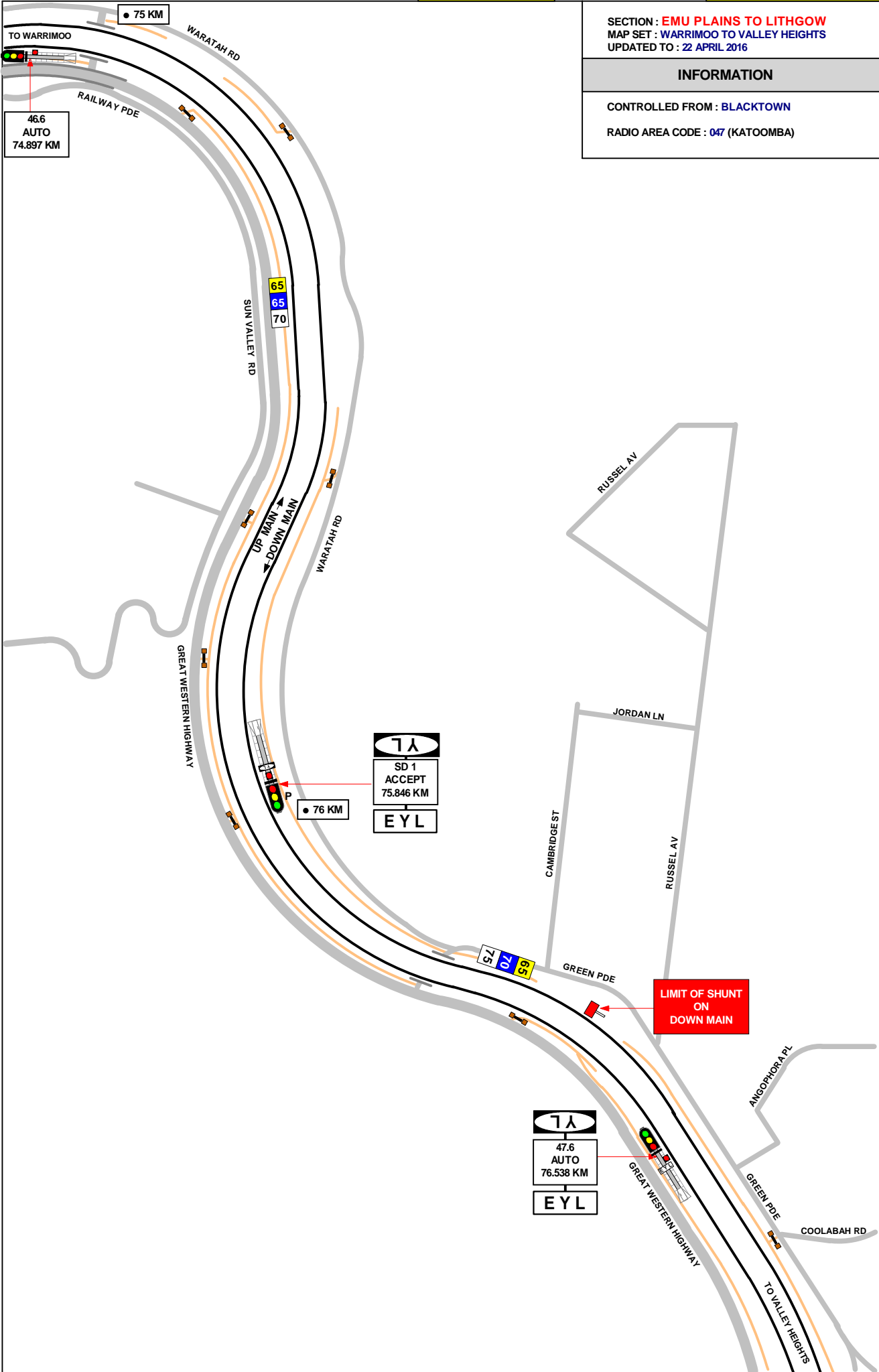
1 IN 97

SECTION : **EMU PLAINS TO LITHGOW**
MAP SET : WARRIMOO TO VALLEY HEIGHTS
UPDATED TO : 22 APRIL 2016

INFORMATION

CONTROLLED FROM : **BLACKTOWN**

RADIO AREA CODE : **047 (KATOOMBA)**



1 IN 60

SECTION : EMU PLAINS TO LITHGOW
 MAP SET : VALLEY HEIGHTS
 UPDATED TO : 22 APRIL 2016

GRADIENT

INFORMATION

CONTROLLED FROM : BLACKTOWN
 RADIO AREA CODE : 047 (KATOOMBA)

SIGNAL	DESTINATION	INDICATION
SD 3	STORAGE SIDING (S)	SS
	DOWN REFUGE (M)	
	DOWN REFUGE (S)	DR
	DOWN MAIN (M)	--
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SD 5	STORAGE SIDING (S)	SS
	DOWN REFUGE (S)	DR
	DOWN MAIN (S)	DM
	SHUNTING LIMIT ON UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SD 8	UP MAIN (M)	
	UP MAIN (S)	UM
	SHUNTING LIMIT ON DOWN MAIN (S)	DM
	SHUNTING NECK (S)	SN

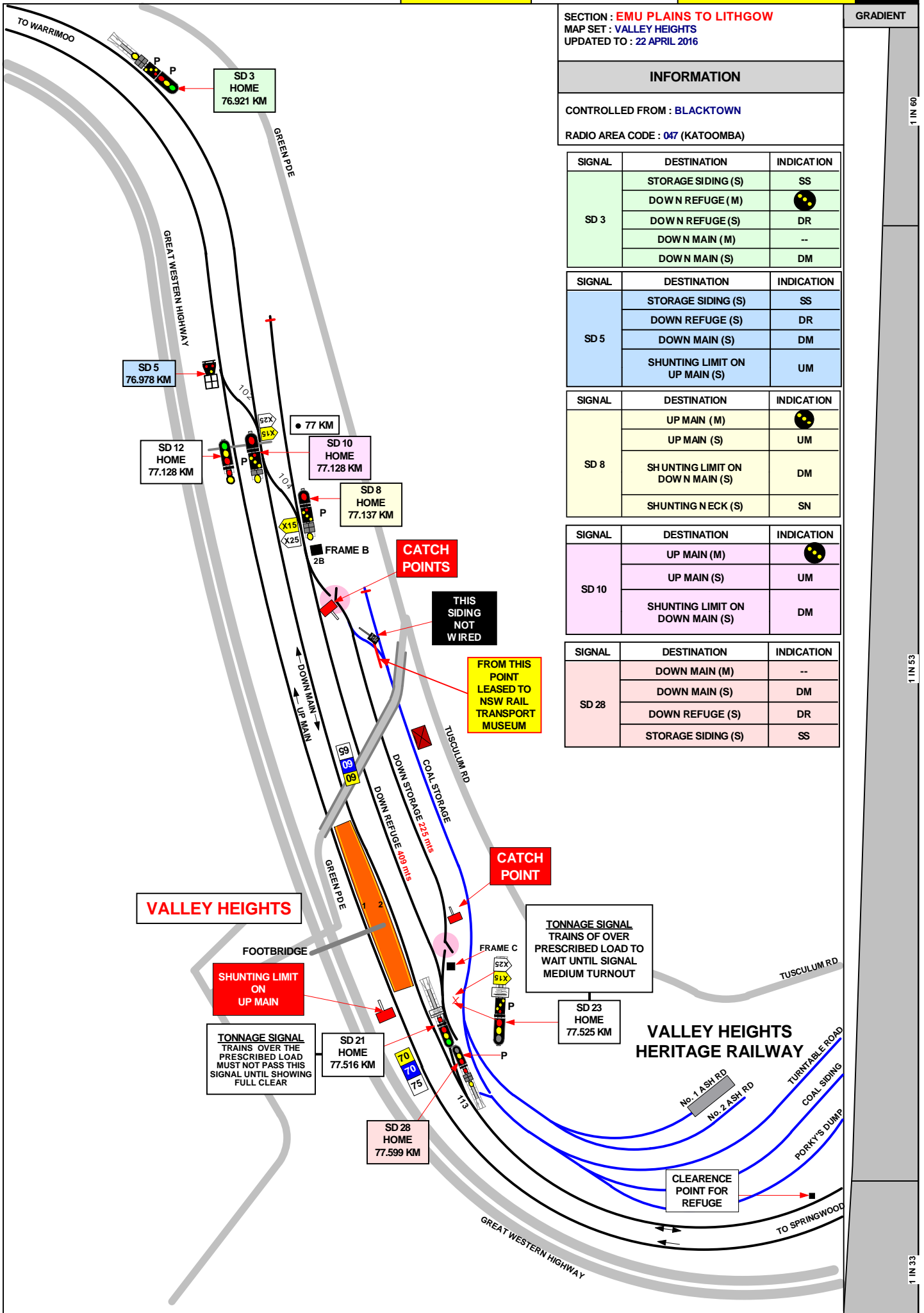
SIGNAL	DESTINATION	INDICATION
SD 10	UP MAIN (M)	
	UP MAIN (S)	UM
	SHUNTING LIMIT ON DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SD 28	DOWN MAIN (M)	--
	DOWN MAIN (S)	DM
	DOWN REFUGE (S)	DR
	STORAGE SIDING (S)	SS

1 IN 60

1 IN 53

1 IN 33



**SPECIAL POINTS OF INTEREST
VALLEY HEIGHTS AND SPRINGWOOD**

NLA 212



**WARNING: THIS LOCATION HAS NARROW CLEARANCES
CAN BE SWITCHED OUT**



75.846 KM DOWN SIGNAL SD 1



76.309 KM UP SHUNT LIMIT SIGN ON DOWN MAIN WEST LINE



76.538 KM UP SIGNAL 47.6

DOWN MAIN WEST LINE TO UP MAIN WEST (102 POINTS)

DOWN MAIN WEST LINE TO DOWN REFUGE SIDING (104 POINTS)

77.087 KM DOWN REFUGE SIDING TO STORAGE SIDING: FRAME B RELEASED BY KEY FROM RELEASING SWITCH B OUT WITH LEVER NORMAL



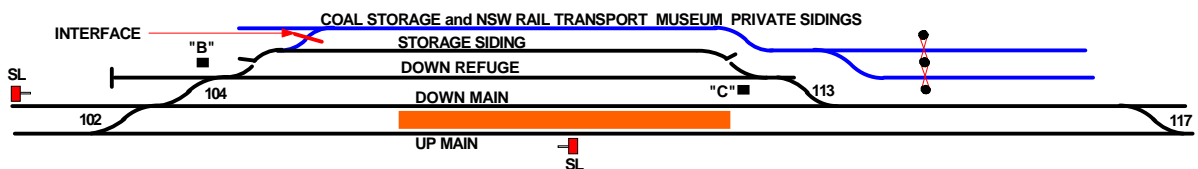
77.323 KM VALLEY HEIGHTS : PLATFORM 1 AND 2



77.494 KM DOWN SHUNT LIMIT SIGN ON UP MAIN WEST LINE

77.524 KM DOWN REFUGE SIDING TO STORAGE SIDING : KEY FROM RELEASING SWITCH "C" RELEASED FROM SIGNAL BOX ("C" FRAME)

VALLEY HEIGHTS



DOWN REFUGE SIDING TO DOWN MAIN WEST LINE (113 POINTS)

DOWN MAIN WEST LINE TO UP MAIN WEST LINE (117 POINTS)



79.604 KM SPRINGWOOD . PLATFORM 1 AND 2



79.779 KM TAKE OFF POINT



79.799 KM SIGNALBOX



80.205 KM SPRINGWOOD: AUTOMATIC . KEYS AT SPRINGWOOD SIGNAL BOX



80.484 KM 2 X DOWN NARROW ELECTRIC STOCK ONLY SIGNS ON UP AND DOWN MAIN WEST LINES



80.674 KM DOWN SHUNT LIMIT ON DOWN MAIN WEST LINE



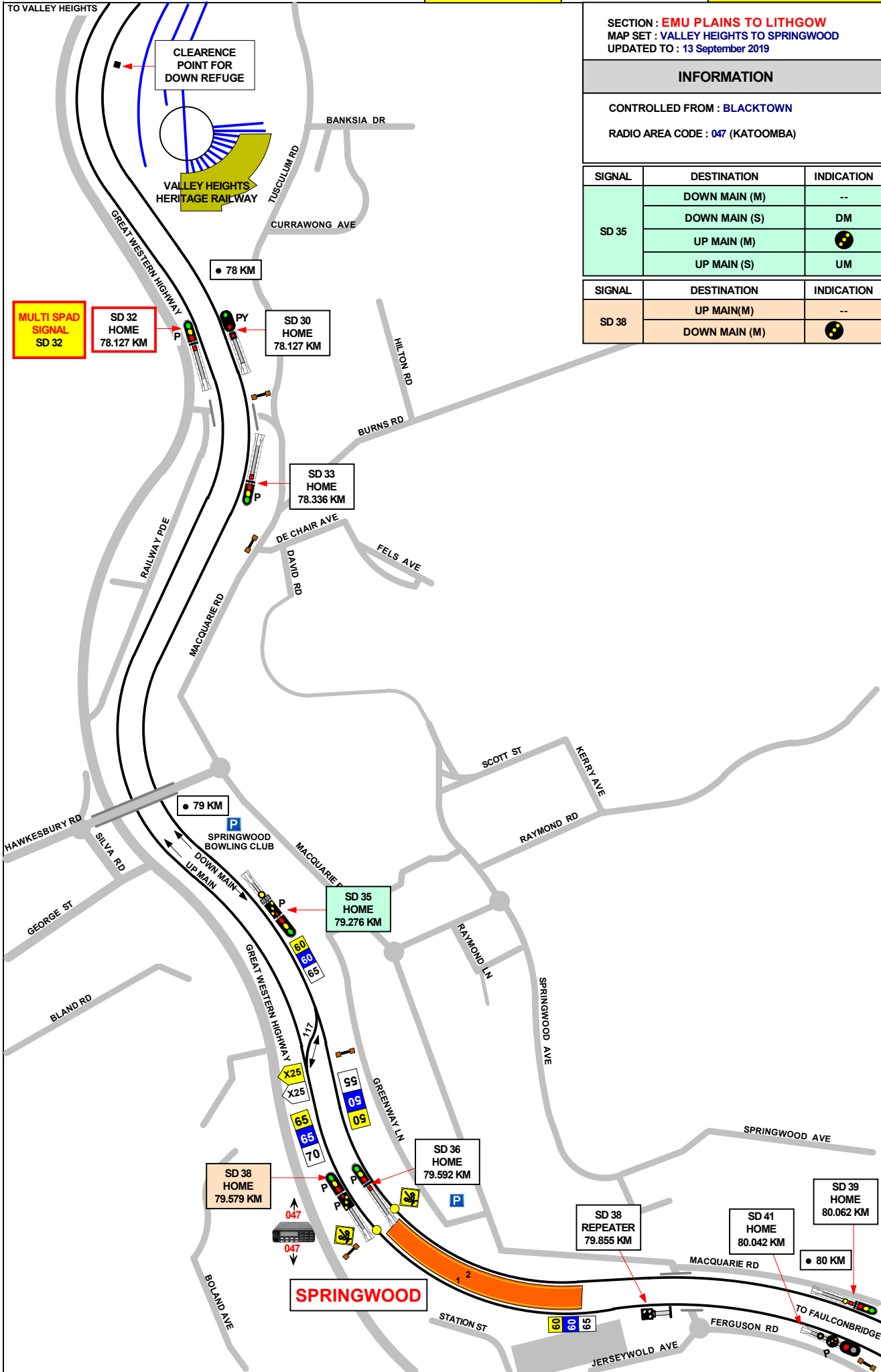
80.892 KM FAULCONBRIDGE : AUTOMATIC . KEYS AT SPRINGWOOD SIGNALBOX



81.720 KM DOWN SIGNAL 50.9



82.093 KM UP SIGNAL SD 46



SECTION : **EMU PLAINS TO LITHGOW**
 MAP SET : VALLEY HEIGHTS TO SPRINGWOOD
 UPDATED TO : 13 September 2019

INFORMATION

CONTROLLED FROM : BLACKTOWN
 RADIO AREA CODE : 047 (KATOOMBA)

SIGNAL	DESTINATION	INDICATION
SD 35	DOWN MAIN (M)	--
	DOWN MAIN (S)	DM
	UP MAIN (M)	☀
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SD 38	UP MAIN(M)	--
	DOWN MAIN (M)	☀

GRADIENT

1 IN 33

LEVEL

1 IN 33

LEVEL

1 IN 33

LEVEL

MULTI SPAD SIGNAL
SD 32

SD 32 HOME
78.127 KM

SD 30 HOME
78.127 KM

SD 33 HOME
78.336 KM

SD 35 HOME
79.276 KM

SD 36 HOME
79.592 KM

SD 38 HOME
79.579 KM

SD 38 REPEATER
79.855 KM

SD 41 HOME
80.042 KM

SD 39 HOME
80.062 KM

GRADIENT

LEVEL

1 IN 40

1 IN 33

1 IN 66

1 IN 33

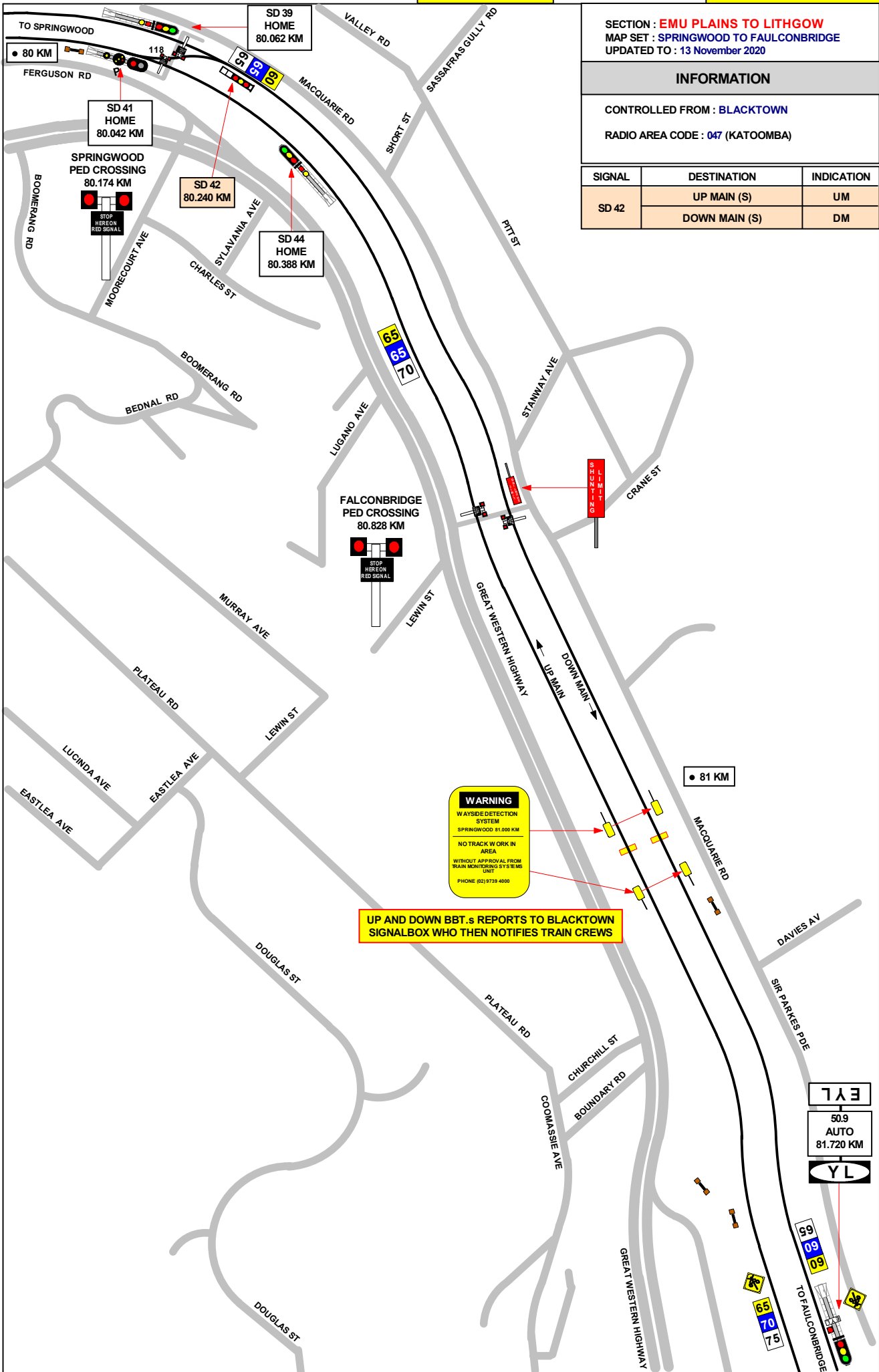
1 IN 31

SECTION : **EMU PLAINS TO LITHGOW**
 MAP SET : **SPRINGWOOD TO FAULCONBRIDGE**
 UPDATED TO : 13 November 2020

INFORMATION

CONTROLLED FROM : **BLACKTOWN**
 RADIO AREA CODE : **047 (KATOOMBA)**

SIGNAL	DESTINATION	INDICATION
SD 42	UP MAIN (S)	UM
	DOWN MAIN (S)	DM



SECTION : EMU PLAINS TO LITHGOW
MAP SET : SPRINGWOOD TO FAULCONBRIDGE
UPDATED TO : 22 APRIL 2016

INFORMATION

CONTROLLED FROM : BLACKTOWN
RADIO AREA CODE : 047 (KATOOMBA)

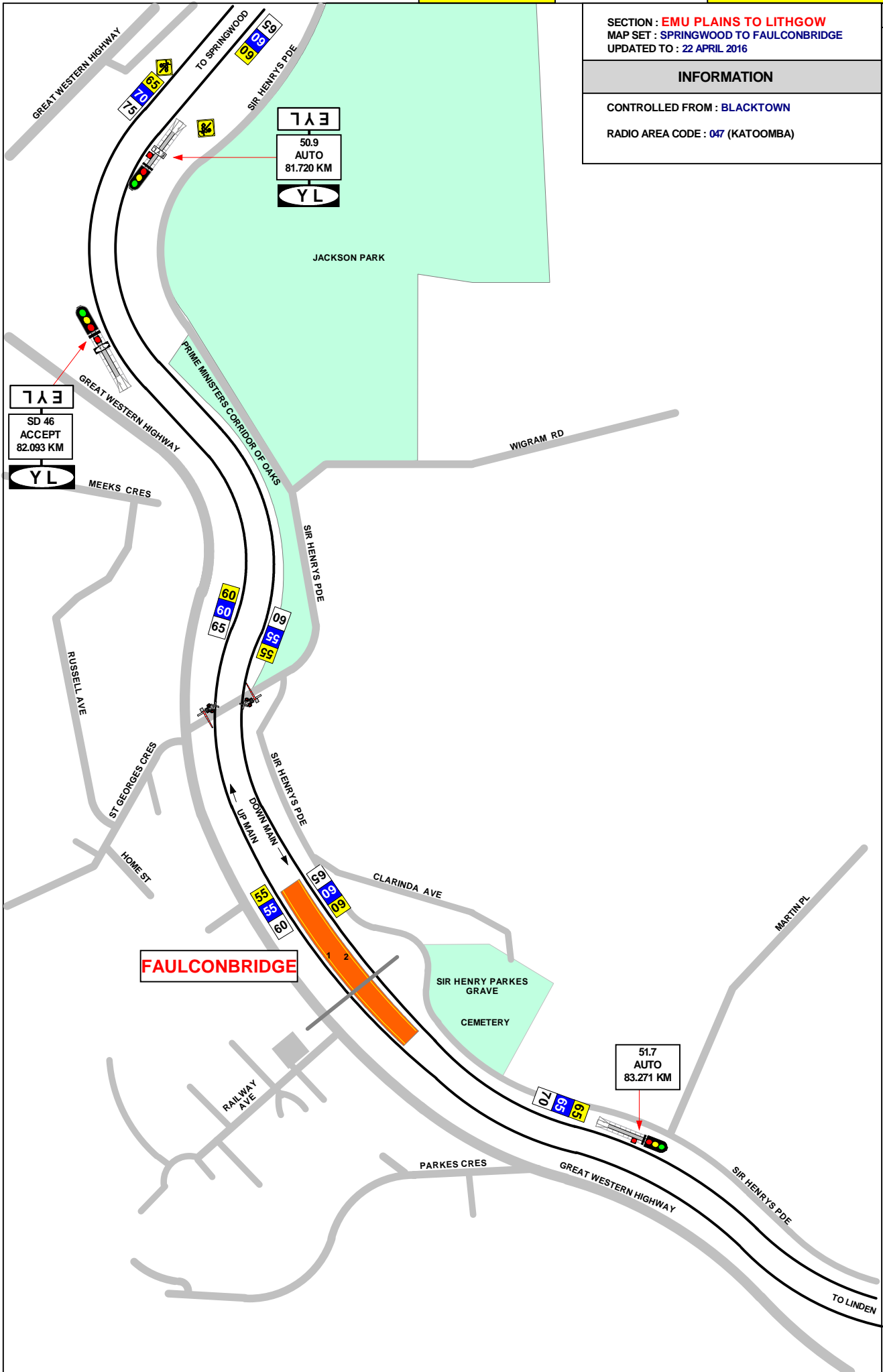
GRADIENT

1 IN 31

1 IN 33

LEVEL

1 IN 31



SECTION : EMU PLAINS TO LITHGOW
MAP SET : FAULCONBRIDGE TO LINDEN
UPDATED TO : 04 APRIL 2016

INFORMATION

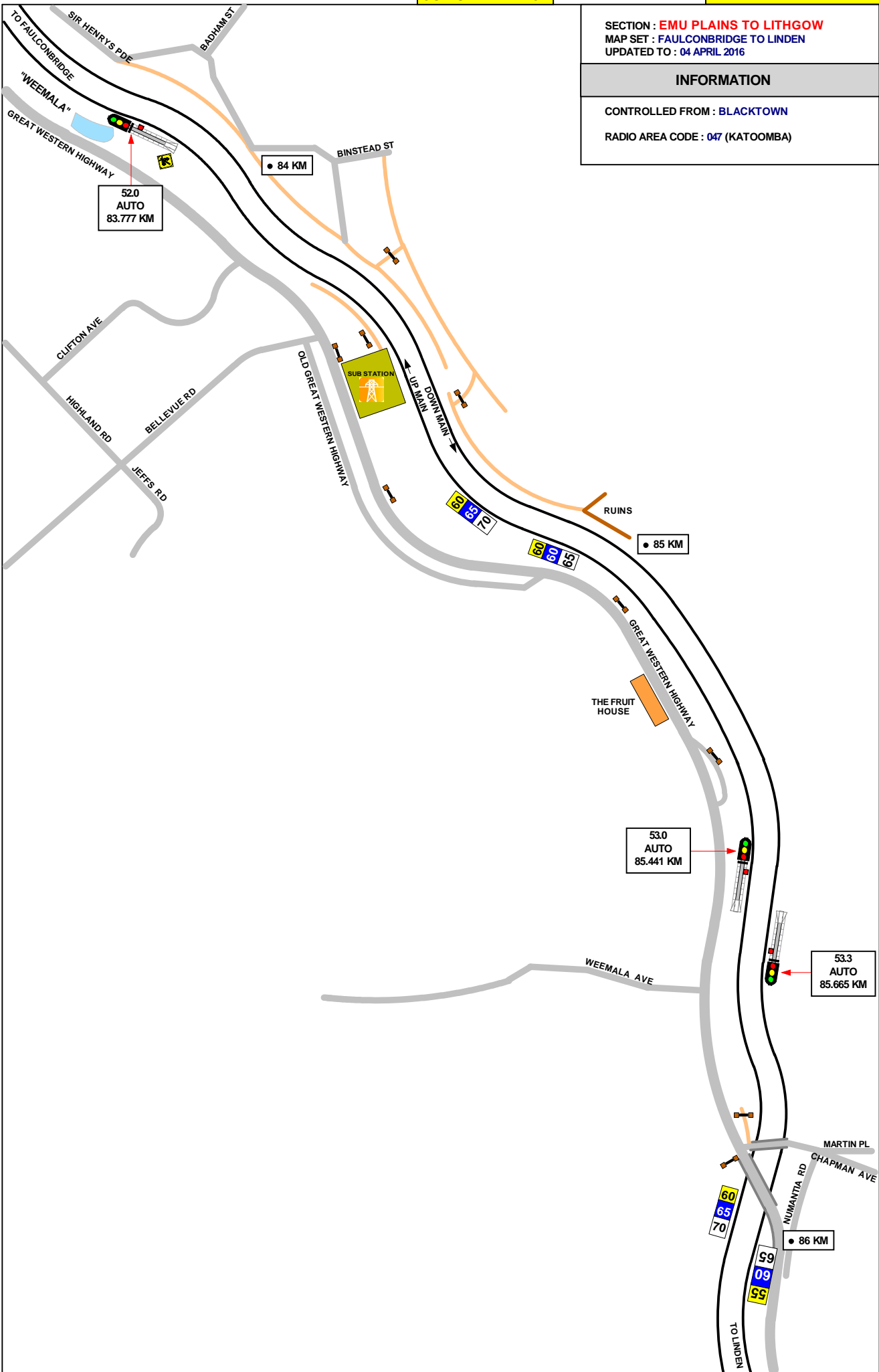
CONTROLLED FROM : BLACKTOWN
RADIO AREA CODE : 047 (KATOOMBA)

GRADIENT

1 IN 31

1 IN 33

1 IN 31



SECTION : EMU PLAINS TO LITHGOW
MAP SET : LINDEN TO WOODFORD
UPDATED TO : 04 APRIL 2016

INFORMATION

CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 047 (KATOOMBA)

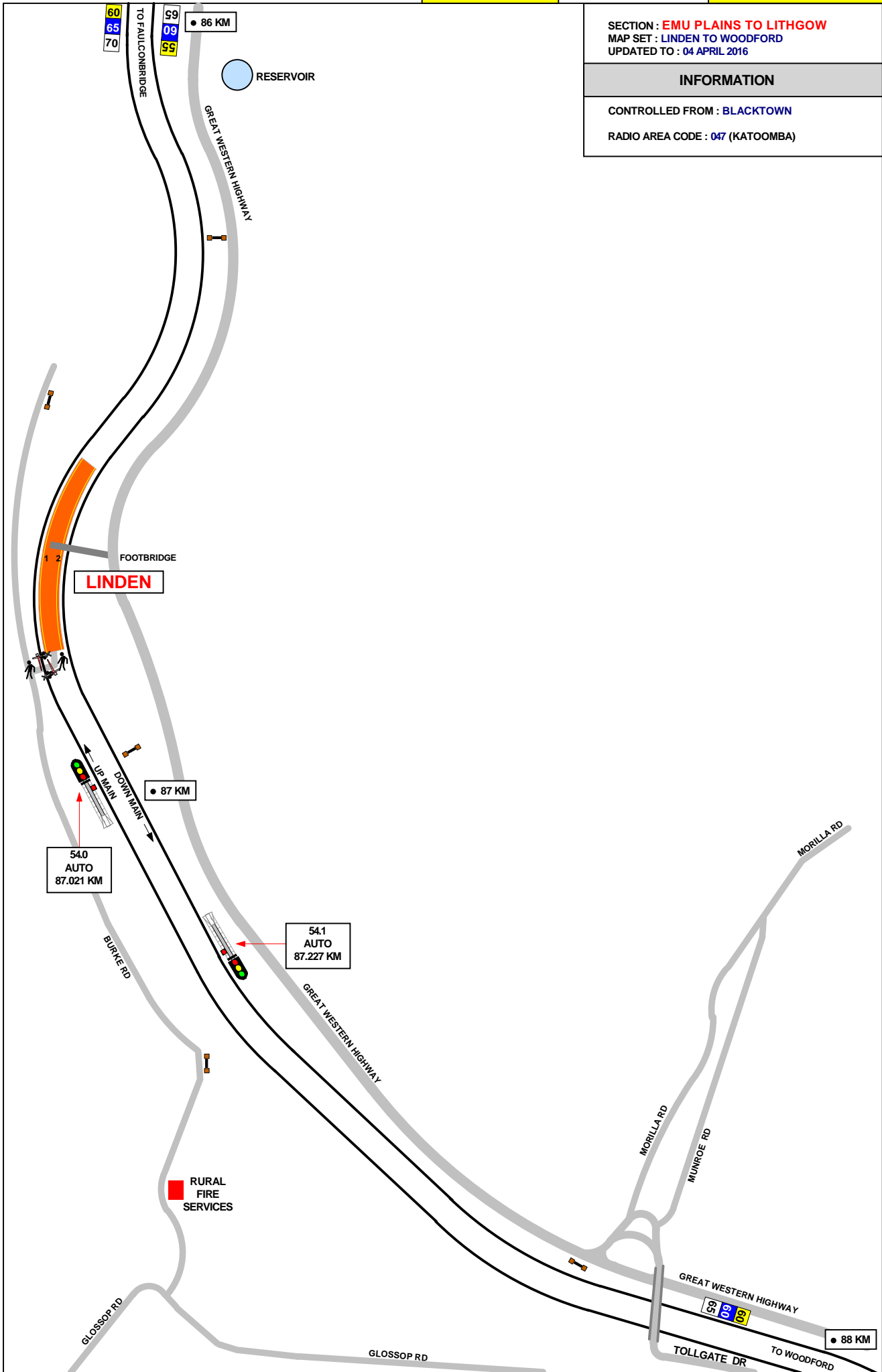
GRADIENT

1 IN 31

1 IN 33

1 IN 264

1 IN 33



SECTION : **EMU PLAINS TO LITHGOW**
MAP SET : **LINDEN TO WOODFORD**
UPDATED TO : **04 APRIL 2016**

INFORMATION

CONTROLLED FROM : **BLACKTOWN**
RADIO AREA CODE : **047 (KATOOMBA)**

GRADIENT

1 IN 33

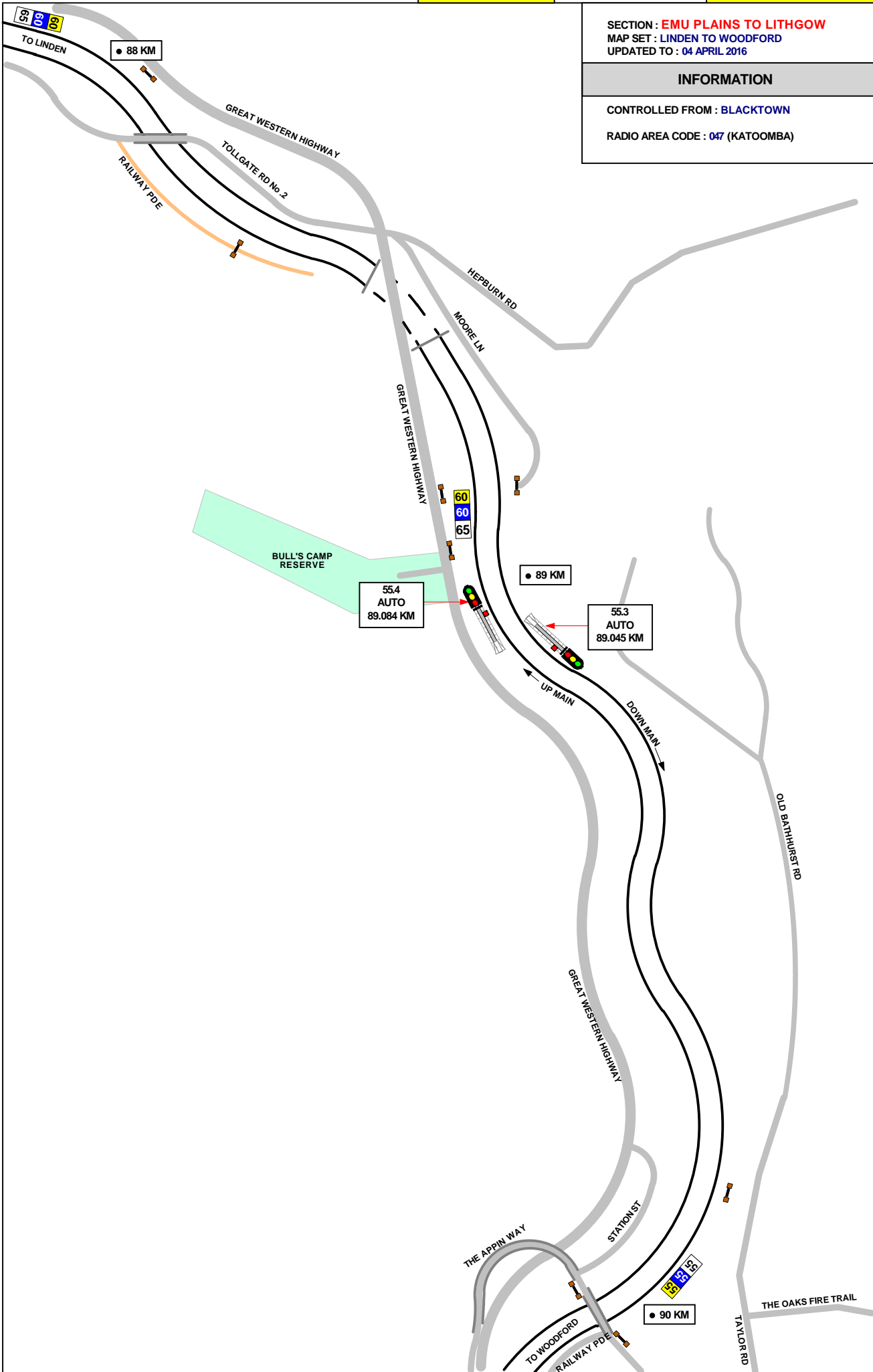
1 IN 40

1 IN 66

1 IN 51

1 IN 50

1 IN 54



GRADIENT

1 IN 54

1 IN 33

1 IN 48

LEVEL

WOODFORD

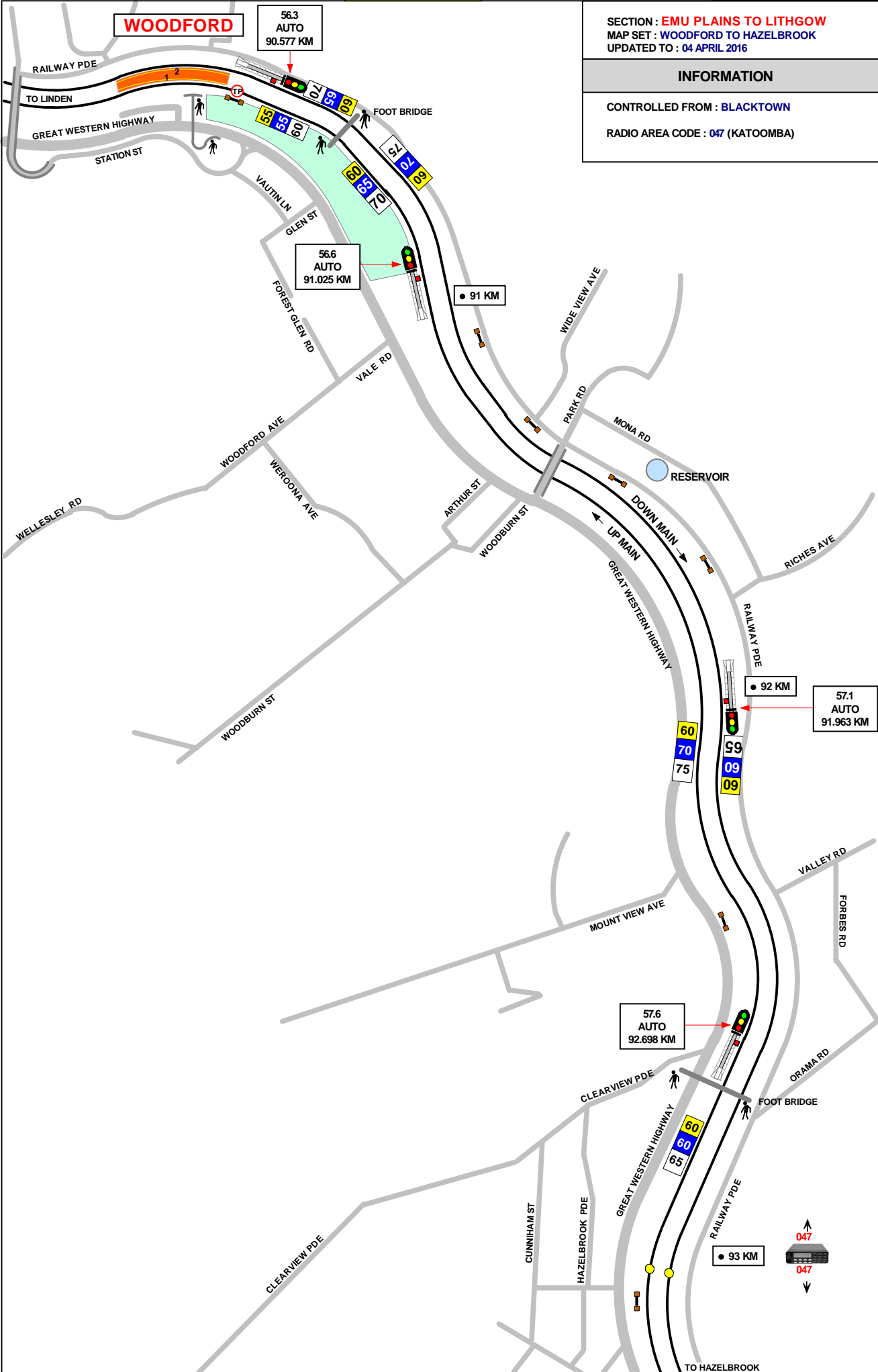
56.3
AUTO
90.577 KM

SECTION : EMU PLAINS TO LITHGOW
MAP SET : WOODFORD TO HAZELBROOK
UPDATED TO : 04 APRIL 2016

INFORMATION

CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 047 (KATOOMBA)



GRADIENT

LEVEL

1 IN 66

1 IN 33

1 IN 32

LEVEL

SECTION : EMU PLAINS TO LITHGOW
MAP SET : HAZELBROOK TO LAWSON
UPDATED TO : 14 November 2018

INFORMATION

CONTROLLED FROM :BLACKTOWN
RADIO AREA CODE : 047 (KATOOMBA)

58.1 AUTO
93.331 KM
TONNAGE

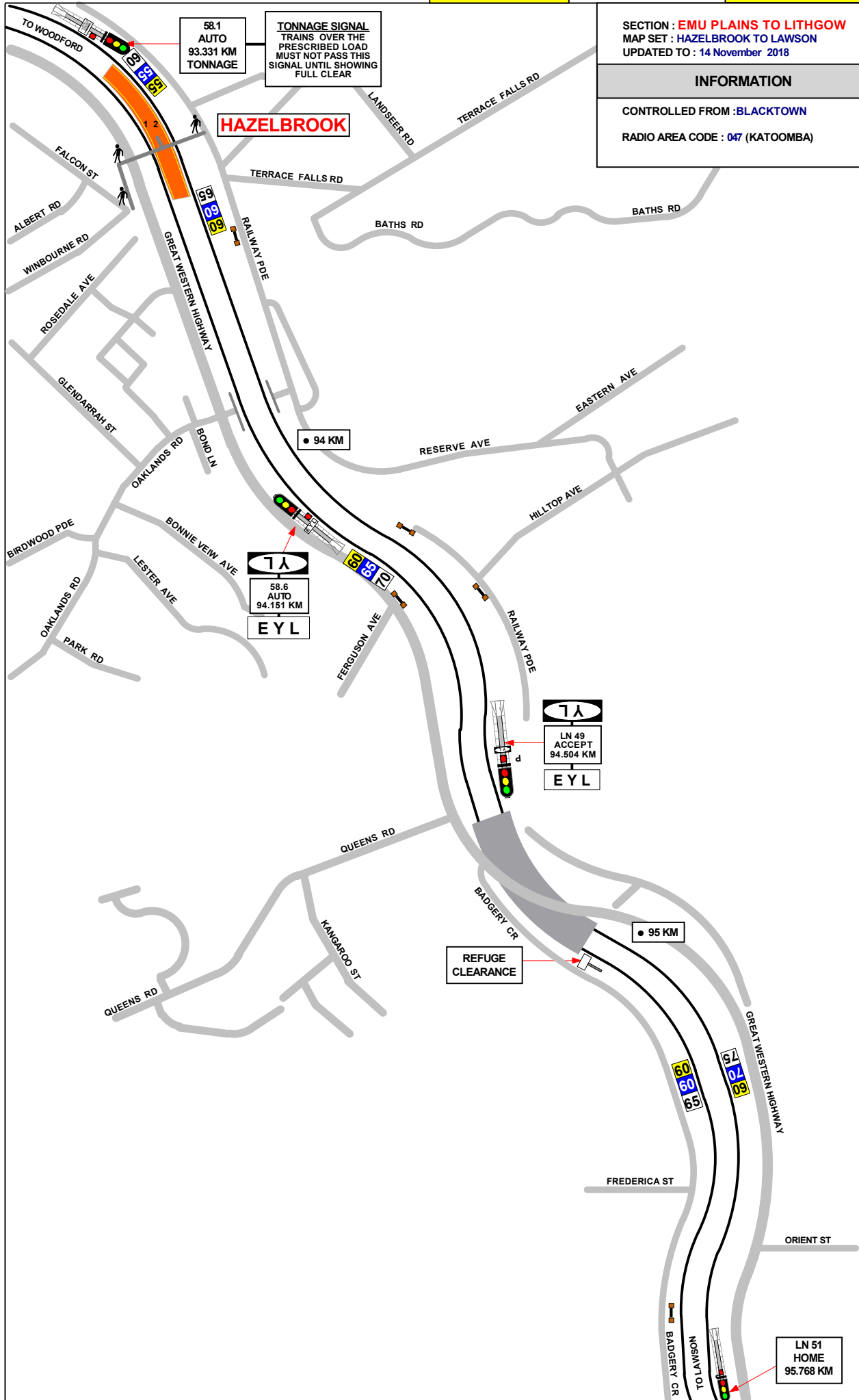
TONNAGE SIGNAL
TRAINS OVER THE
PRESCRIBED LOAD
MUST NOT PASS THIS
SIGNAL UNTIL SHOWING
FULL CLEAR

HAZELBROOK

58.6 AUTO
94.151 KM
EYL

LN 49
ACCEPT
94.504 KM
EYL

LN 51
HOME
95.768 KM



TO HAZELBROOK

GRADIENT

SECTION : EMU PLAINS TO LITHGOW
 MAP SET : LAWSON TO BULLABURRA
 UPDATED TO : 1 April 2020

INFORMATION

CONTROLLED FROM : BLACKTOWN
 RADIO AREA CODE : 047 (KATOOMBA)

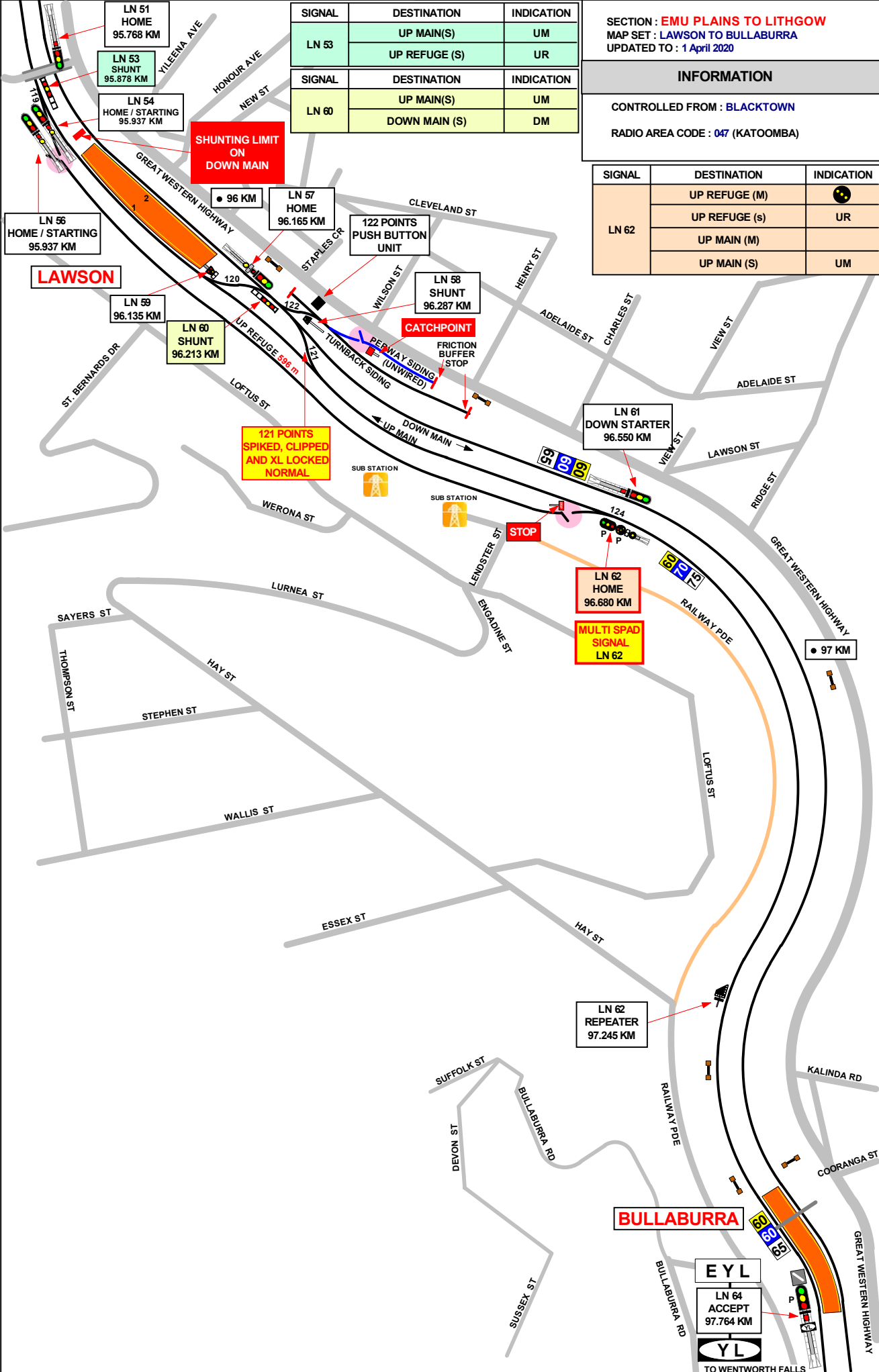
SIGNAL	DESTINATION	INDICATION
LN 53	UP MAIN(S)	UM
	UP REFUGE (S)	UR
SIGNAL	DESTINATION	INDICATION
LN 60	UP MAIN(S)	UM
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
LN 62	UP REFUGE (M)	☀
	UP REFUGE (S)	UR
	UP MAIN (M)	
	UP MAIN (S)	UM

LEVEL

1 IN 33

1 IN 66



POINT OF INTEREST

LAWSON

NLA 212



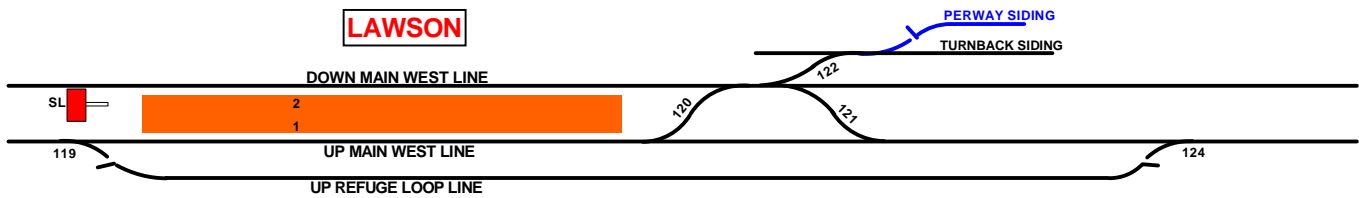
CONTROLLED FROM BLACKTOWN

EYL 94.151 KM UP SIGNAL 58.6

YL 94.504 KM DOWN SIGNAL LN 49

SL 95.923 KM UP SHUNT LIMIT SIGN ON DOWN MAIN WEST LINE

UP REFUGE LOOP TO UP MAIN WEST LINE (119 POINTS)



119 95.936 KM LAWSON .PLATFORM 1 AND 2

DOWN MAIN WEST LINE TO UP MAIN WEST LINE (120 POINTS)

DOWN MAIN WEST LINE TO UP MAIN WEST LINE (121 POINTS)

DOWN MAIN WEST LINE TO TURNBACK SIDING (122 POINTS)

122 POINTS
SET BY SIGNALLER
OPERATED LOCALLY
BY PUSH BUTTON UNIT

121 POINTS
SPIKED, CLIPPED
AND XL
LOCKED NORMAL

FACING POINTS IN REVERSE POSITION MUST BE CLIPPED AND LOCKED

UP MAIN WEST LINE TO UP REFUGE LOOP LINE (124 POINTS)

124 97.570 KM BULLABURRA. PLATFORM 1 AND 2

YL 97.764 KM UP SIGNAL LN 64

EYL 98.079 KM DOWN SIGNAL 60.9

SECTION : EMU PLAINS TO LITHGOW
MAP SET : BULLABURRA TO WENTWORTH FALLS
UPDATED TO : 21 JULY 2016

INFORMATION

CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 047 (KATOOMBA)

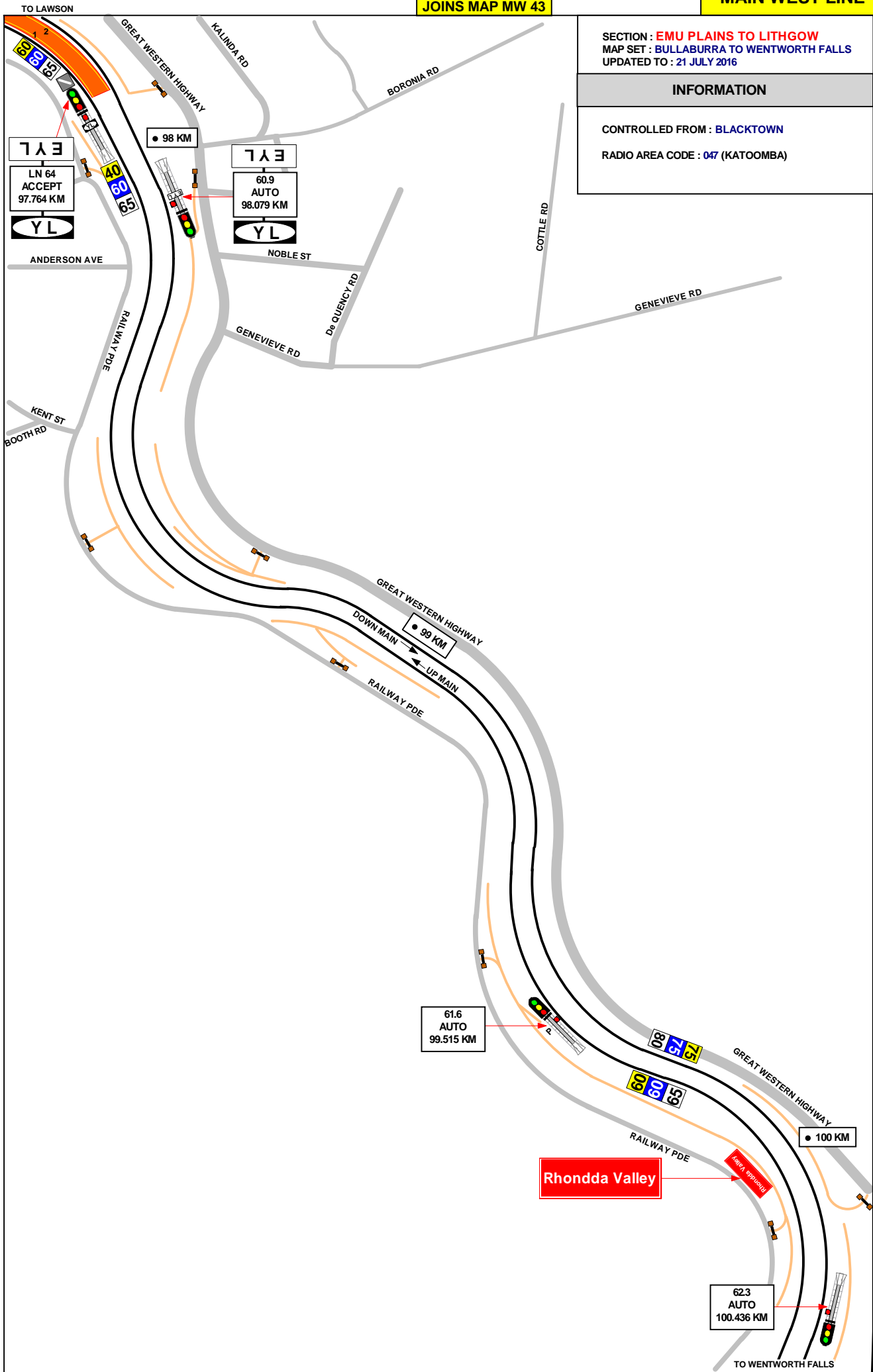
GRADIENT

1 IN 66

1 IN 57

1 IN 40

1 IN 33



SECTION : EMU PLAINS TO LITHGOW
MAP SET : BULLABURRA TO WENTWORTH FALLS
UPDATED TO : 04 APRIL 2016

INFORMATION

CONTROLLED FROM : BLACKTOWN
RADIO AREA CODE : 047 (KATOOMBA)

GRADIENT

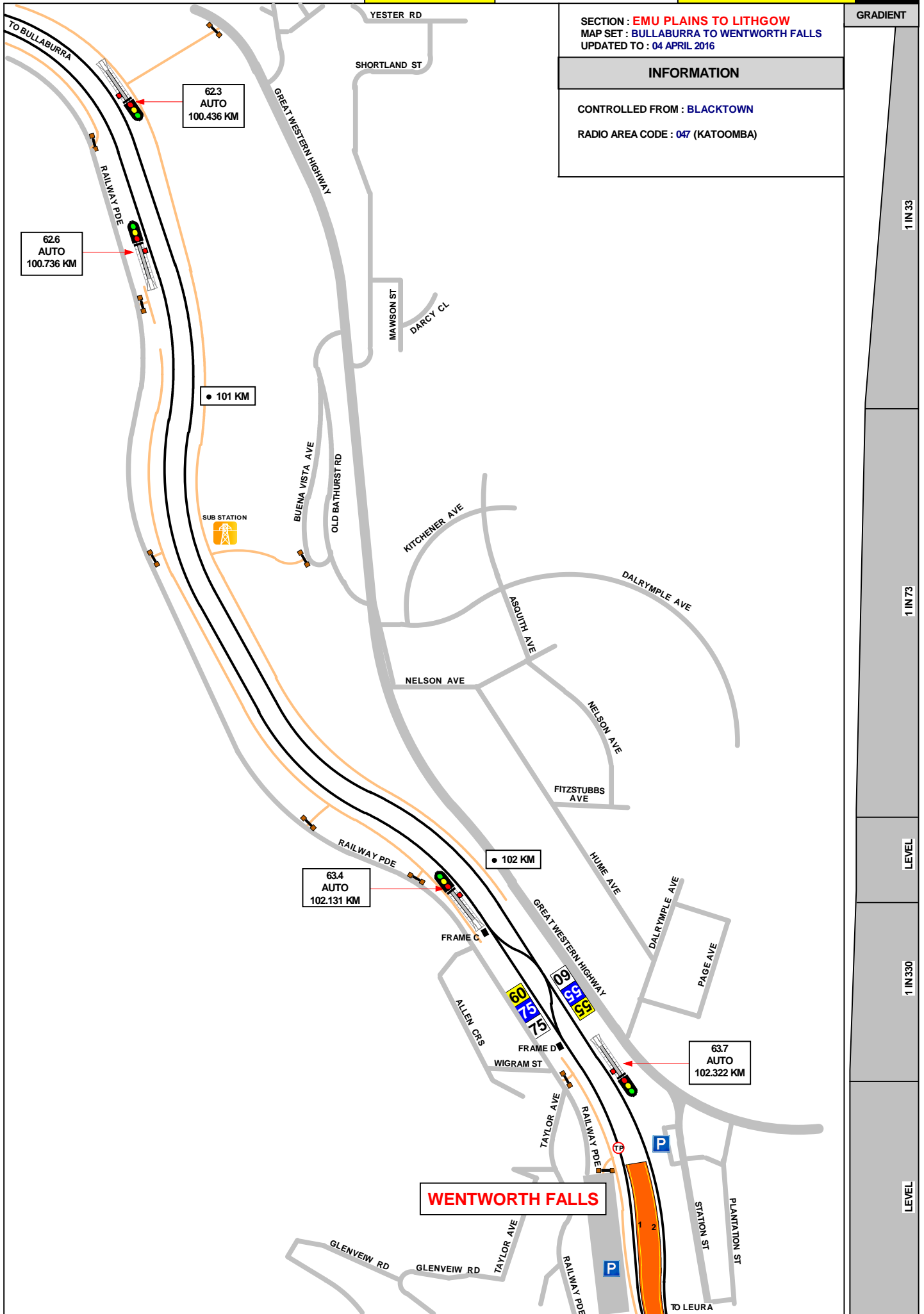
1 IN 33

1 IN 73

LEVEL

1 IN 330

LEVEL



POINT OF INTEREST

WENTWORTH FALLS

NLA 212



102.104 KM TRAFFIC HUT : ANNETT LOCK

"A"



102.129 KM EMERGENCY CROSSOVER DOWN MAIN WEST LINE TO UP MAIN WEST LINE:
KEY FROM ANNETT LOCK, RELEASED FROM SPECIAL HASP WITH XL KEY

"C"



SIGNALS SET AT STOP BY TAKEN THE RELEASE : DOWN AUTOMATIC 62.3 ;
UP AUTOMATIC 63.8



102.264 KM EMERGENCY CROSSOVER DOWN MAIN WEST LINE TO UP MAIN WEST LINE :
KEY FROM ANNETT LOCK . RELEASED FROM SPECIAL HASP WITH XL KEY

"D"



SIGNAL SET AT BY TAKEN THE RELEASE : DOWN AUTOMATIC 62.3 AND UP AUTOMATIC
63.8 . IF FRAME "D" LEVER 2 IS REVERSED , ALSO DOWN AUTOMATIC 63.7 AND UP
AUTOMATIC 63.4 .



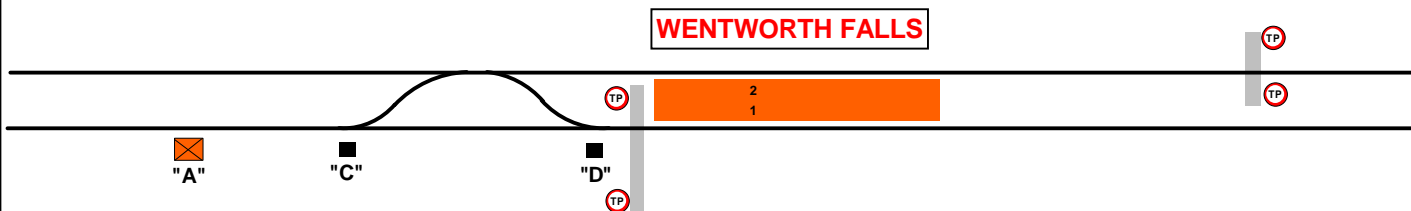
102.448 KM NETWORK ACCESS



102.515 KM WENTWORTH FALLS . PLATFORM 1 AND 2



104.097 KM NETWORK ACCESS



SECTION : EMU PLAINS TO LITHGOW
MAP SET : WENTWORTH FALLS TO LEURA
UPDATED TO : 21 July 2016

INFORMATION

CONTROLLED FROM : KATOOMBA

RADIO AREA CODE : 047 (KATOOMBA)

GRADIENT

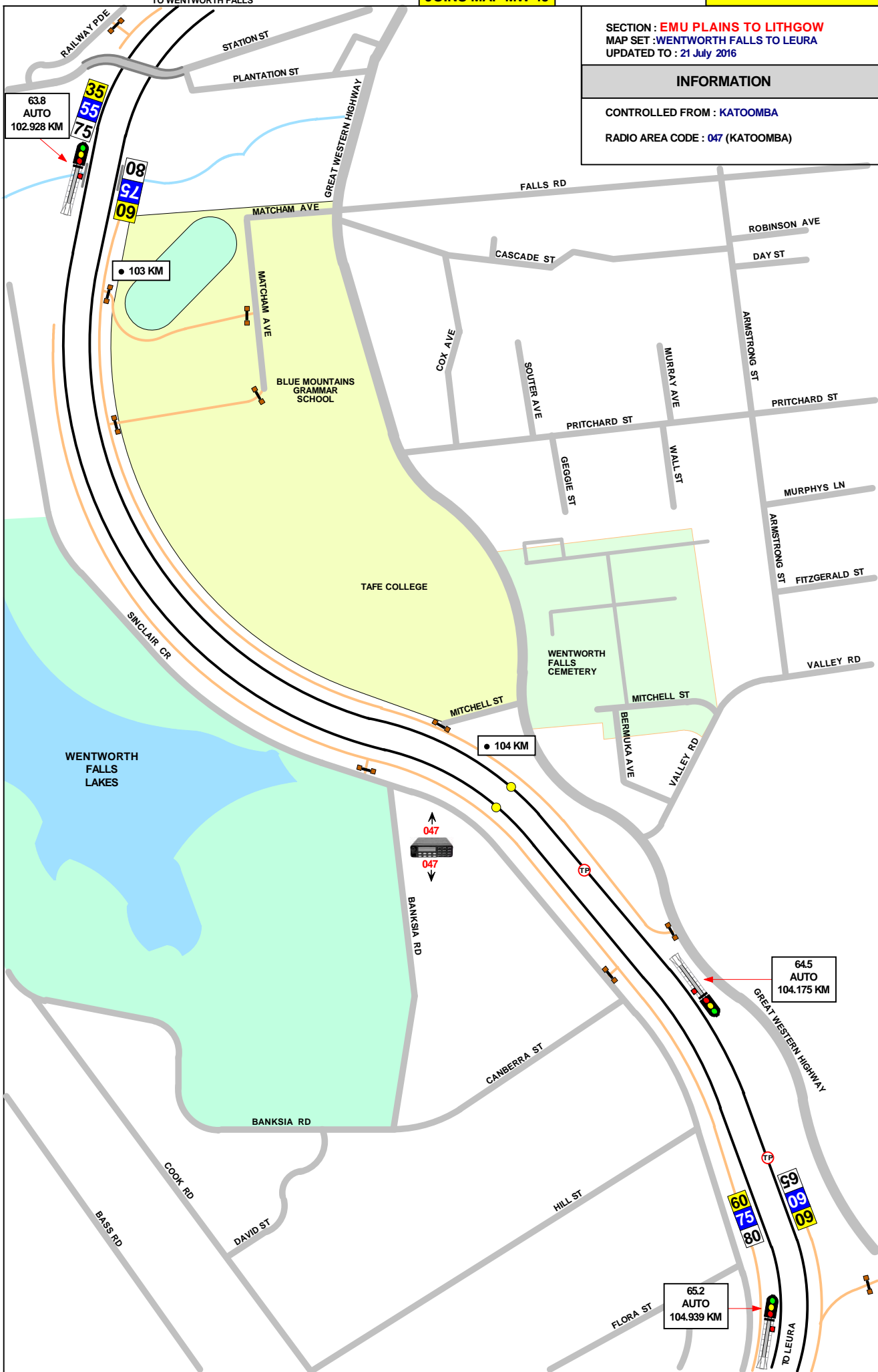
LEVEL

1 IN 66

1 IN 33

1 IN 66

1 IN 33



SECTION : EMU PLAINS TO LITHGOW
MAP SET : WENTWORTH FALLS TO LEURA
UPDATED TO : 22 July 2014

INFORMATION

CONTROLLED FROM : KATOOMBA

RADIO AREA CODE : 047 (KATOOMBA)

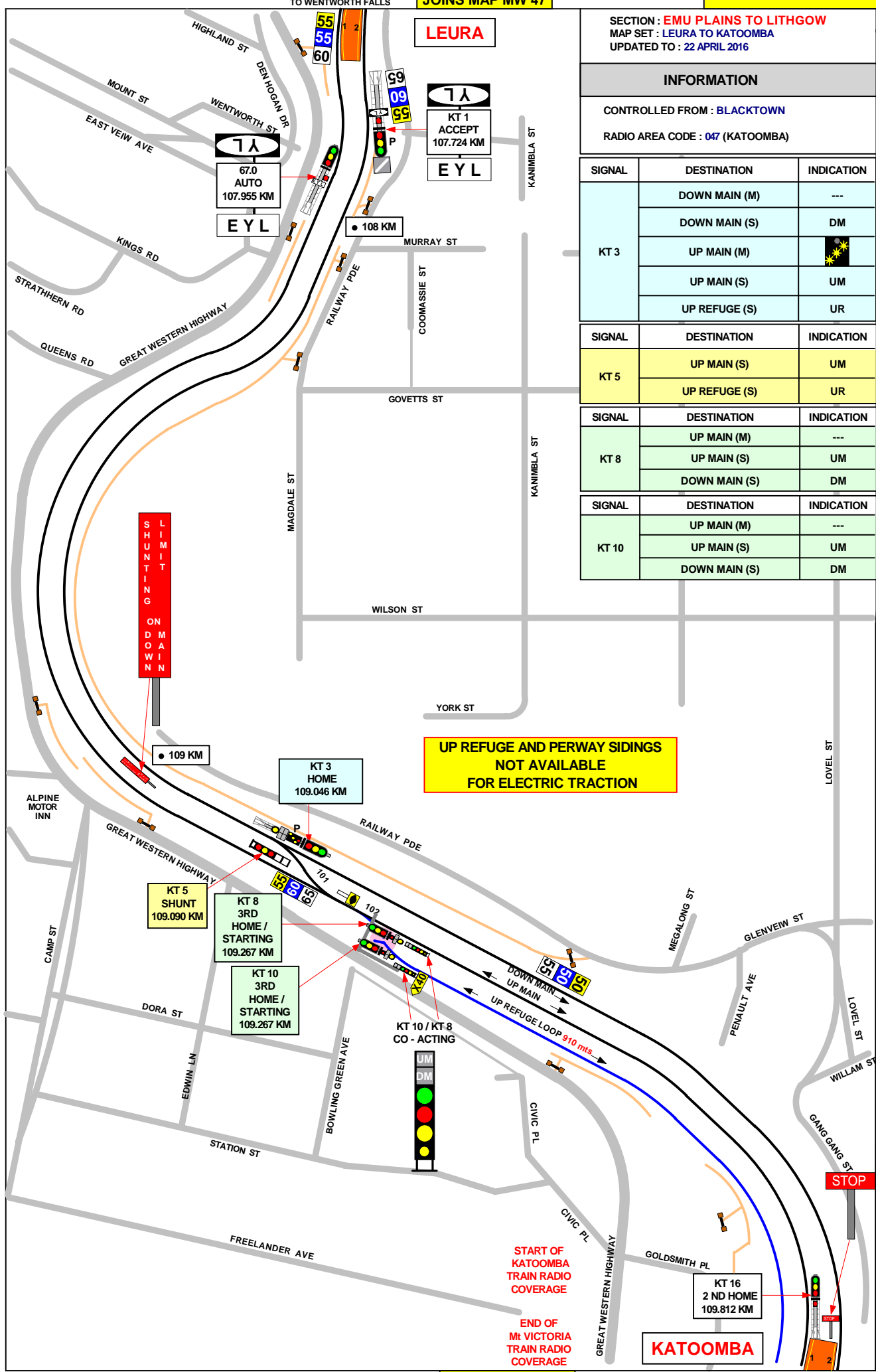
GRADIENT

1 IN 33

LEVEL

1 IN 33





SECTION : EMU PLAINS TO LITHGOW
 MAP SET : LEURA TO KATOOMBA
 UPDATED TO : 22 APRIL 2016

INFORMATION

CONTROLLED FROM : BLACKTOWN
 RADIO AREA CODE : 047 (KATOOMBA)

SIGNAL	DESTINATION	INDICATION
KT 3	DOWN MAIN (M)	---
	DOWN MAIN (S)	DM
	UP MAIN (M)	☀
	UP MAIN (S)	UM
	UP REFUGE (S)	UR
KT 5	UP MAIN (S)	UM
	UP REFUGE (S)	UR
KT 8	UP MAIN (M)	---
	UP MAIN (S)	UM
	DOWN MAIN (S)	DM
KT 10	UP MAIN (M)	---
	UP MAIN (S)	UM
	DOWN MAIN (S)	DM

UP REFUGE AND PERWAY SIDINGS NOT AVAILABLE FOR ELECTRIC TRACTION

LIMIT ON DOWN SHUNTING

START OF KATOOMBA TRAIN RADIO COVERAGE
 END OF Mt VICTORIA TRAIN RADIO COVERAGE

1 IN 33

LEVEL













STOP

KATOOMBA

TO KATOOMBA

**SPECIAL POINT OF INTEREST
KATOOMBA**

NLA 214

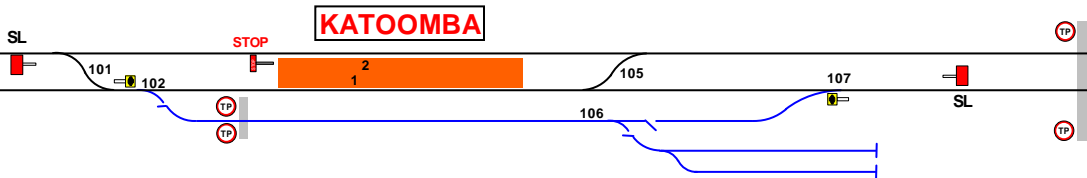
-  WARNING : THIS LOCATION HAS NARROW TRACK CLEARANCES
-  CONTROLLED FROM RMC (SYDNEY) AND SIGNALLER AT BLACKTOWN
-  107.724 KM DOWN SIGNAL KT 1
-  107.941 KM UP SIGNAL 67.0
-  109.000 KM UP SHUNT LIMIT ON DOWN MAIN WEST LINE
DOWN MAIN WEST LINE TO UP MAIN WEST LINE (101 POINTS)
UP MAIN WEST LINE TO UP REFUGE LOOP LINE (102 POINTS)
-  STOP BOARD DOWN MAIN WEST AT 109.840 KM SYDNEY END No. 2 PLATFORM
-  109.791 KM NETWORK ACCESS
-  109.828 KM KATOOMBA: PLATFORM 1 AND 2
UP MAIN WEST LINE TO DOWN MAIN WEST LINE (105 POINTS)
UP REFUGE LOOP TO UP MAIN WEST LINE (107 POINTS)
-  110.394 KM DOWN SHUNT LIMIT SIGN ON UP MAIN WEST LINE
-  110.912 KM NETWORK ACCESS
-  111.96 7 KM UP SIGNAL KT 38
-  111.607 KM DOWN SIGNAL 69.3

SPECIAL INSTRUCTIONS

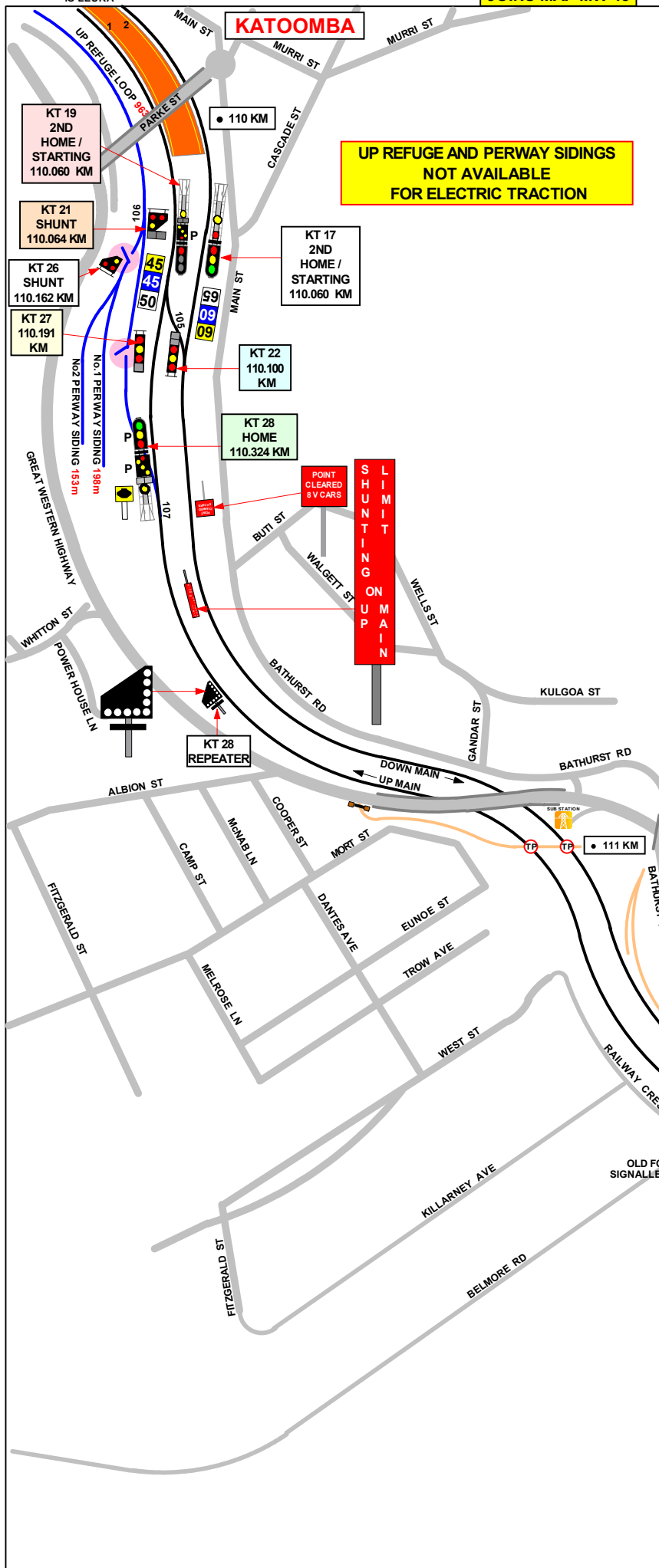
THERE ARE RIGHT OF WAY INDICATORS ABOVE THE GUARDS INDICATORS FOR THE UP PLATFORM . UP TRAINS MUST NOT DEPART FROM PLATFORM BEFORE THE MOVEMENT IS AUTHORISED BY THE :

- GUARD'S INDICATOR, AND
- RIGHT OF WAY INDICATOR.

IF THE RIGHT OF WAY INDICATOR GO OUT BEFORE THE REARMOST VEHICLE HAS PASSED THE SYDNEY- END INDICATOR , THE GUARD MUST SIGNAL THE DRIVER TO STOP



KATOOMBA (TRAINS TERMINATING UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	PLATFORM No.2	SHUNT FORWARD AND RETURN TO THE UP MAIN WEST LINE VIA No. 105 POINTS
	PLATFORM No. 1 VIA 101 POINTS	UP MAIN WEST LINE
UP TRAINS	PLATFORM No. 1	THEN RETURN TO THE DOWN MAIN LINE VIA 105 POINTS



SECTION : EMU PLAINS TO LITHGOW
 MAP SET : KATOOMBA TO MEDLOW BATH
 UPDATED TO : 22 January 2021

INFORMATION

CONTROLLED FROM : BLACKTOWN
 RADIO AREA CODE : 047 (KATOOMBA)

NLA 214

SIGNAL	DESTINATION	INDICATION
KT 21	UP REFUGE (S)	UR
	PERWAY SIDING (S)	PS
SIGNAL	DESTINATION	INDICATION
KT 19	DOWN MAIN (M)	DM
	DOWN MAIN (S)	DM
	UP MAIN (S)	UM
SIGNAL	DESTINATION	INDICATION
KT 26	UP REFUGE(S)	---
	UP MAIN (S)	UM
KT 22	DOWN MAIN (S)	DM
	UP REFUGE (M)	UR
KT 28	UP REFUGE (S)	UR
	UP MAIN (M)	---
	UP MAIN (S)	UM
SIGNAL	DESTINATION	INDICATION
KT 27	UP MAIN (S)	UM

GRADIENT

LEVEL

1 IN 100

LEVEL

1 IN 132

LEVEL

SECTION : EMU PLAINS TO LITHGOW
MAP SET : KATOOMBA TO MEDLOW BATH
UPDATED TO :13 July 2016

GRADIENT

INFORMATION

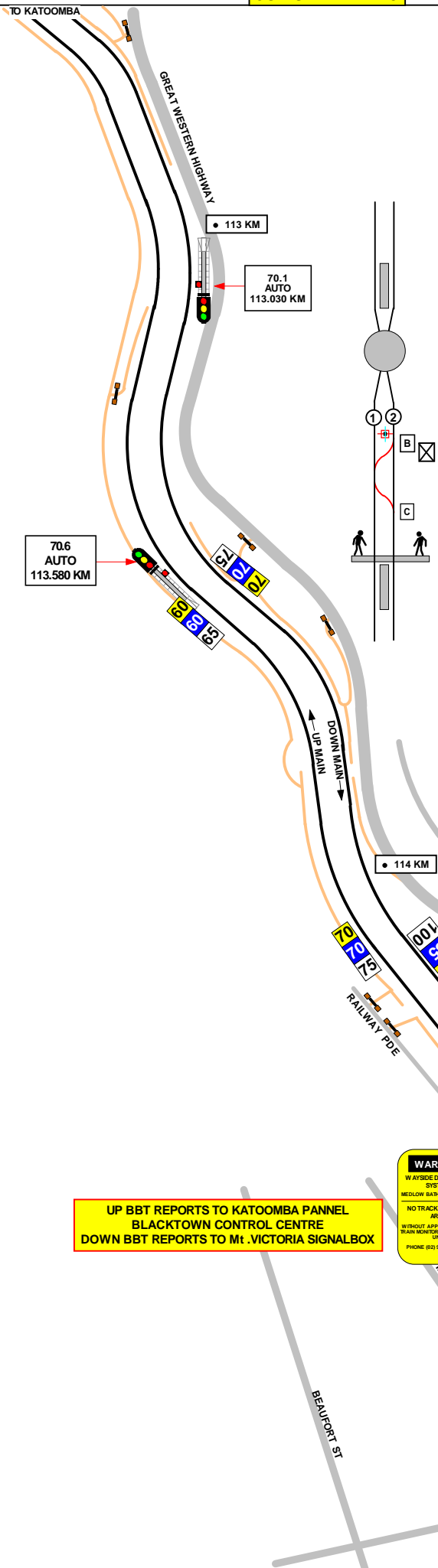
CONTROLLED FROM : BLACKTOWN
RADIO AREA CODE : 047 (KATOOMBA)

1 IN 132

LEVEL

1 IN 66

1 IN 264



NLA 212

- 107.489 km Leura .Platform 1 and 2

Katoomba 109.835 km (NLA 214)

- ① Up Main West Line
- ② Down Main West Line

MEDLOW BATH 115.713 km

- 114.548 km Brake and Bearing Temperature detectors : UP BBT reports to KATOOMBA PANNEL BLACKTOWN SIGNAL CONTROL CENTRE and DOWN BBT reports to Mt VICTORIA Signalbox both signalboxes to warn Train Crews
- 115.476 km Traffic hut : Annett lock
- 115.477 km Emergency crossover Down Main West line to Up Main West line : key from Annett lock, released from special hasp with X L key
- ! Signals set at stop by taking the release : Down signals 70.1 and 71.3 ; Up signals 72.8 and 71.8
- 115.634 km Emergency crossover Down Main West line to Up Main West line : key from Annett lock, released from special hasp with XL key
- ! Signals set at stop by taking release : Down signals 70.1 and 71.3 ; Up signals 72.8 and 71.8
- 115.705 km Medlow Bath : automatic . Keys at Katoomba
- 115.713 km Medlow Bath . Platform 1 and 2

**UP BBT REPORTS TO KATOOMBA PANNEL
BLACKTOWN CONTROL CENTRE
DOWN BBT REPORTS TO Mt .VICTORIA SIGNALBOX**

WARNING
WAYSIDE DETECTION SYSTEM
MEDLOW BATH 114.548 km
NO TRACK WORK IN AREA
WITHOUT APPROVAL FROM TRAIN MONITORING SYSTEMS UNIT
PHONE (02) 9739 4000

71.3 AUTO
115.177 KM

SECTION : EMU PLAINS TO LITHGOW
MAP SET : MEDLOW BATH TO BLACKHEATH
UPDATED TO : 5 October 2015

INFORMATION

CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 047 (KATOOMBA)
: 048 (Mt VICTORIA)

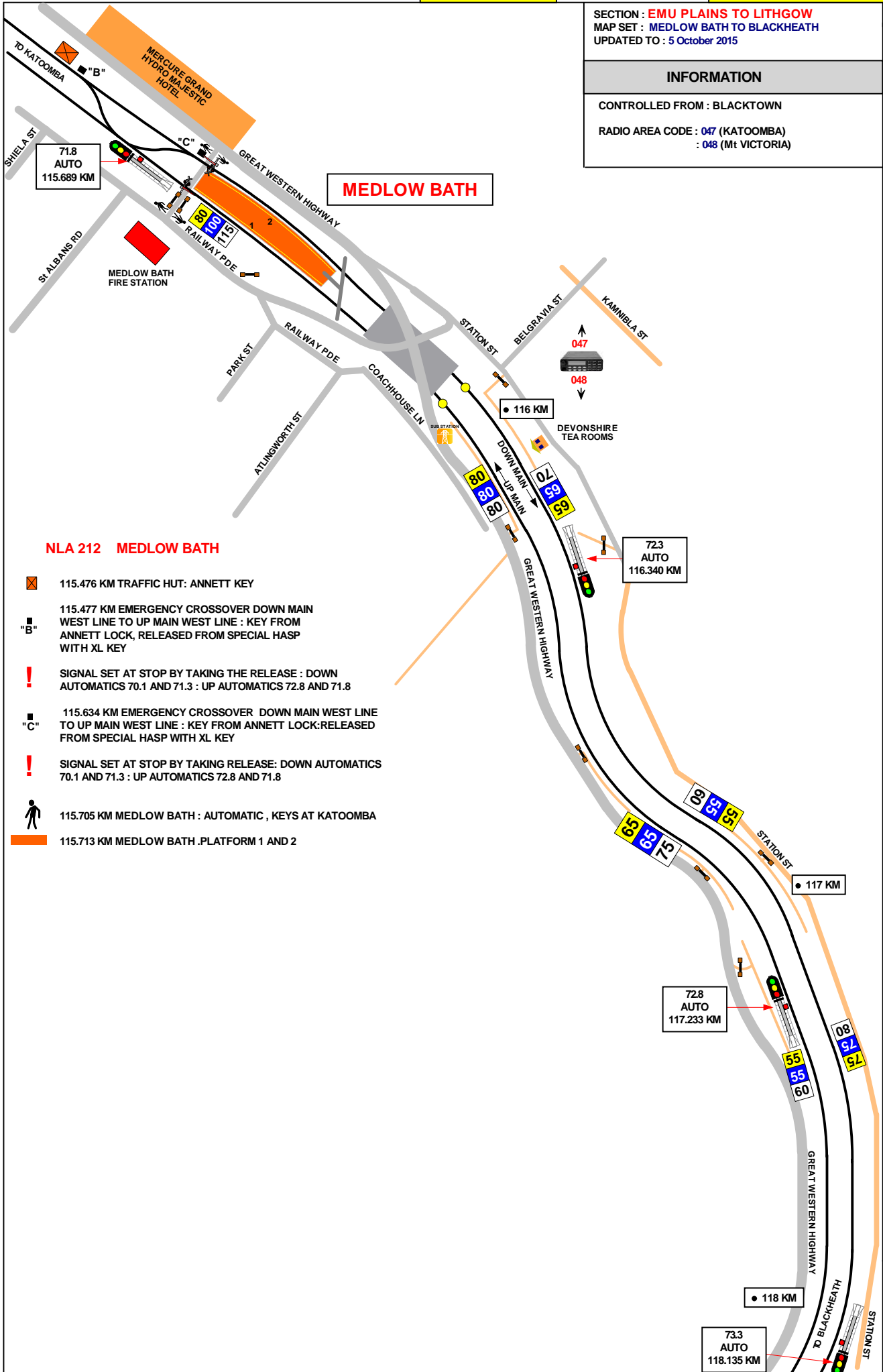
GRADIENT

1 IN 264

1 IN 66

1 IN 88

LEVEL



MEDLOW BATH

NLA 212 MEDLOW BATH

- 115.476 KM TRAFFIC HUT: ANNETT KEY
- 115.477 KM EMERGENCY CROSSOVER DOWN MAIN WEST LINE TO UP MAIN WEST LINE : KEY FROM ANNETT LOCK, RELEASED FROM SPECIAL HASP WITH XL KEY
- SIGNAL SET AT STOP BY TAKING THE RELEASE : DOWN AUTOMATICS 70.1 AND 71.3 : UP AUTOMATICS 72.8 AND 71.8
- 115.634 KM EMERGENCY CROSSOVER DOWN MAIN WEST LINE TO UP MAIN WEST LINE : KEY FROM ANNETT LOCK:RELEASED FROM SPECIAL HASP WITH XL KEY
- SIGNAL SET AT STOP BY TAKING RELEASE: DOWN AUTOMATICS 70.1 AND 71.3 : UP AUTOMATICS 72.8 AND 71.8
- 115.705 KM MEDLOW BATH : AUTOMATIC , KEYS AT KATOOMBA
- 115.713 KM MEDLOW BATH .PLATFORM 1 AND 2

SECTION : EMU PLAINS TO LITHGOW
MAP SET : MEDLOW BATH TO BLACKHEATH
UPDATED TO : 22 April 2016

GRADIENT

INFORMATION

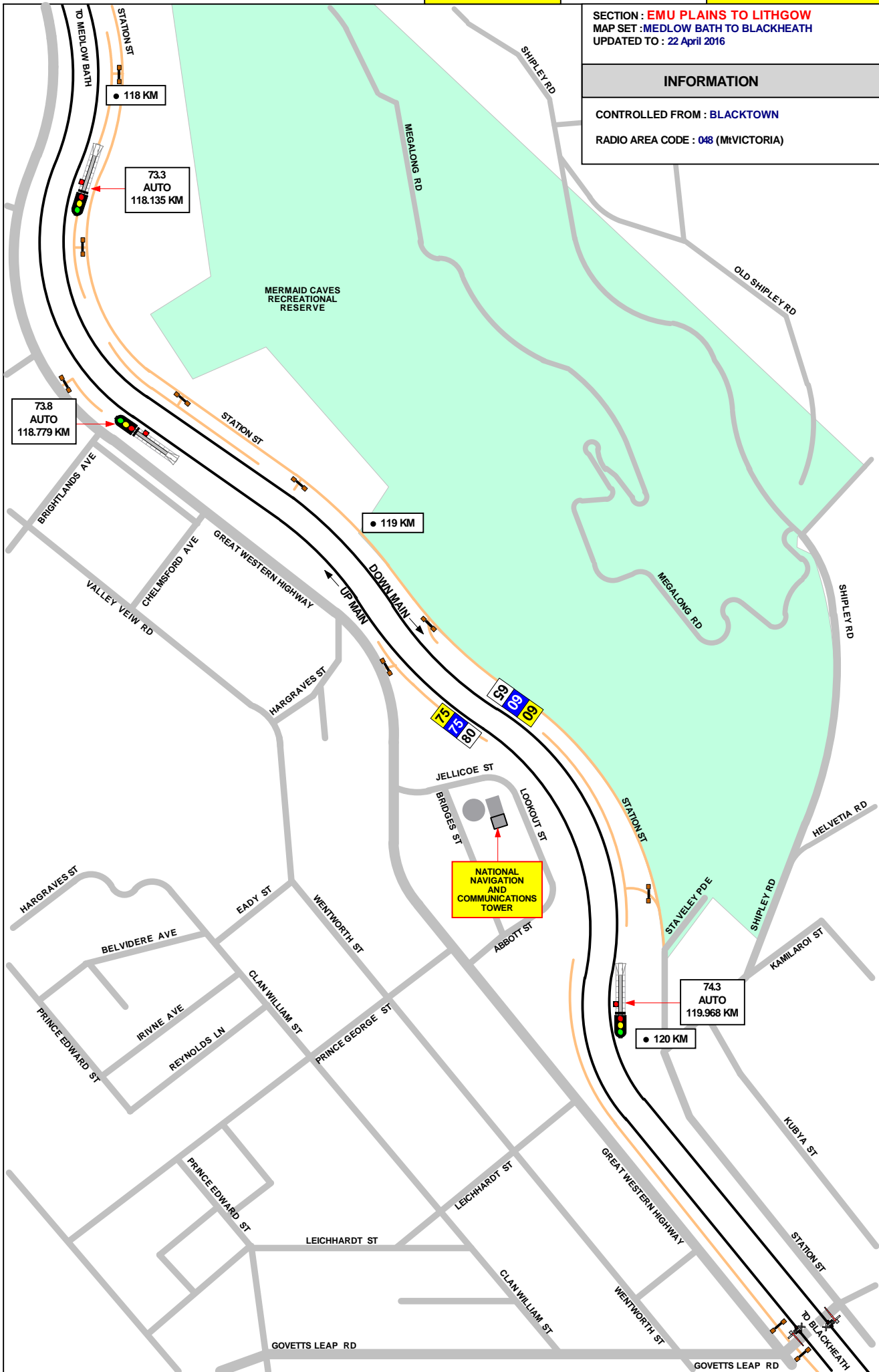
CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 048 (MVICTORIA)

LEVEL

1 IN 60

LEVEL



SECTION : EMU PLAINS TO LITHGOW
MAP SET : MEDLOW BATH TO BLACKHEATH
UPDATED TO : 3 September 2017

GRADIENT

INFORMATION

CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 048 (Mt VICTORIA)

NLA 212



120.419 KM BUNDARRA STREET ,AUTOMATIC ; WITH MANUAL OPERATION AND MASTER EMERGENCY SWITCH . KEYS AT BLACKHEATH AND MOUNT VICTORIA LINKED



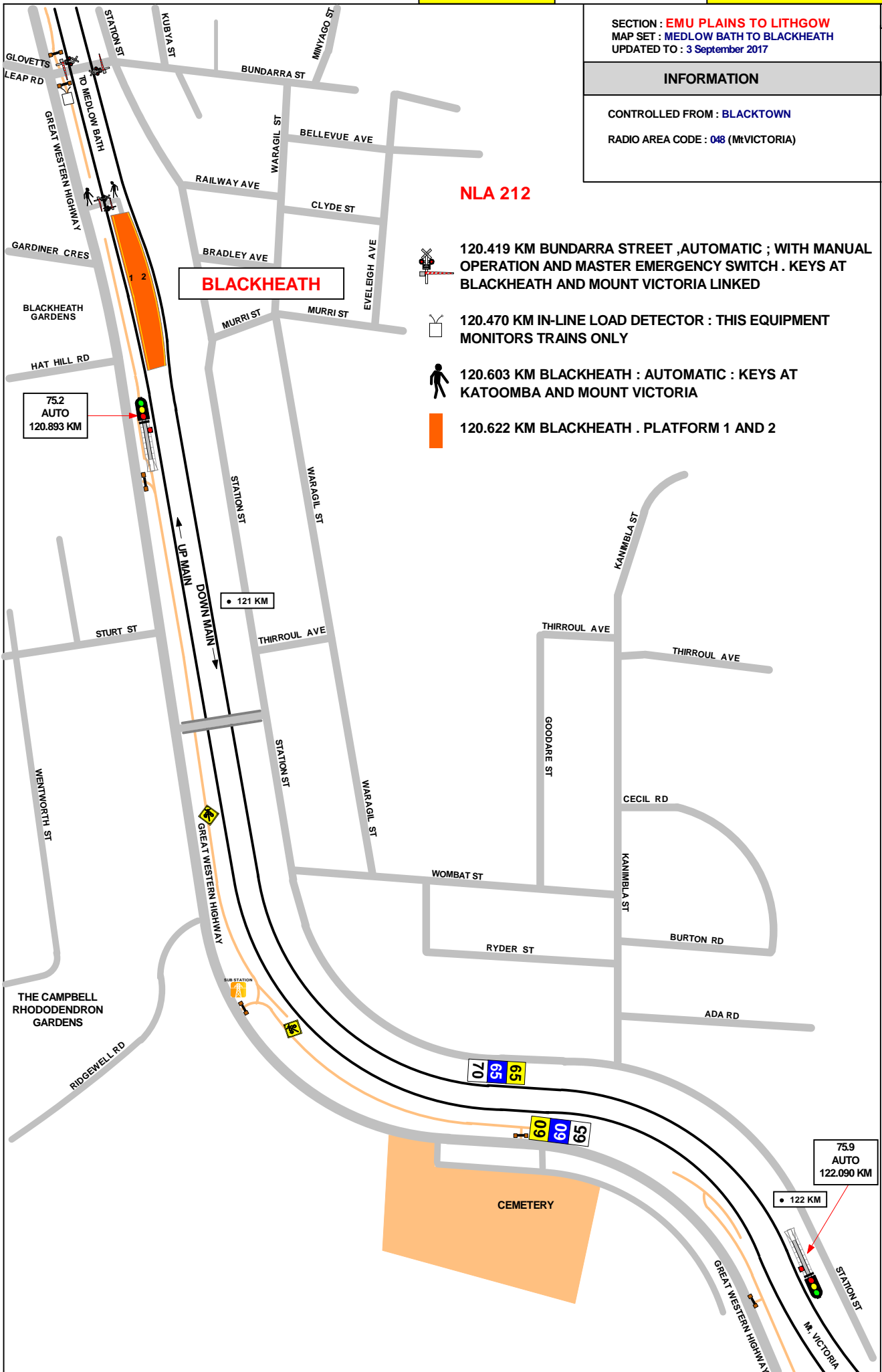
120.470 KM IN-LINE LOAD DETECTOR : THIS EQUIPMENT MONITORS TRAINS ONLY



120.603 KM BLACKHEATH : AUTOMATIC : KEYS AT KATOOMBA AND MOUNT VICTORIA



120.622 KM BLACKHEATH . PLATFORM 1 AND 2



LEVEL

1 IN 200

SECTION : EMU PLAINS TO LITHGOW
MAP SET : BLACKHEATH TO MT VICTORIA
UPDATED TO : 24 JULY 2014

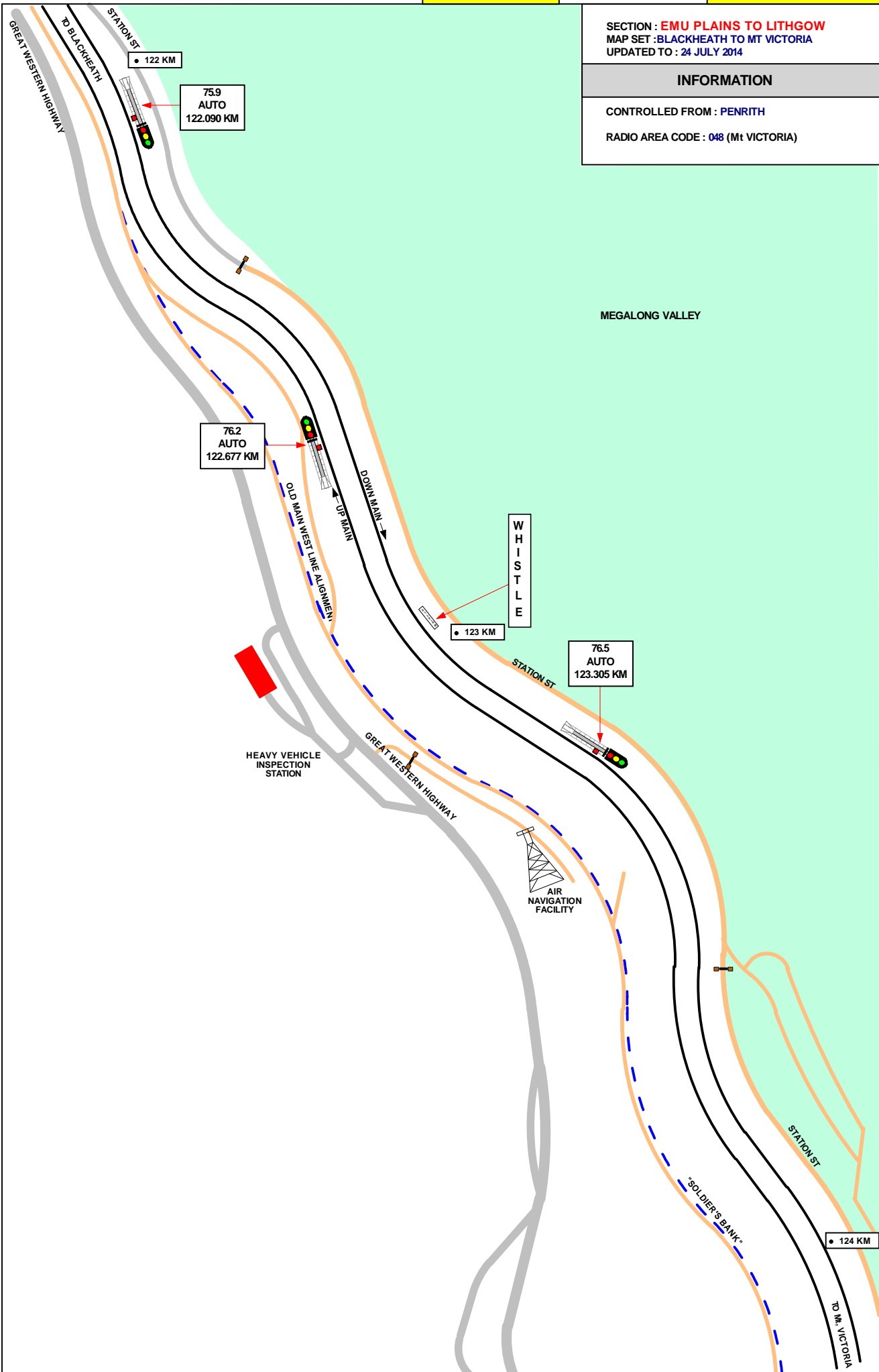
INFORMATION

CONTROLLED FROM : PENRITH

RADIO AREA CODE : 048 (Mt VICTORIA)

1 IN 200

1 IN 80



SECTION : EMU PLAINS TO LITHGOW
 MAP SET : BLACKHEATH TO MT VICTORIA
 UPDATED TO : 3 March 2021

INFORMATION

CONTROLLED FROM : KATOOMBA / Mt VICTORIA

RADIO AREA CODE : 047 (KATOOMBA)
 : 048 (Mt VICTORIA)

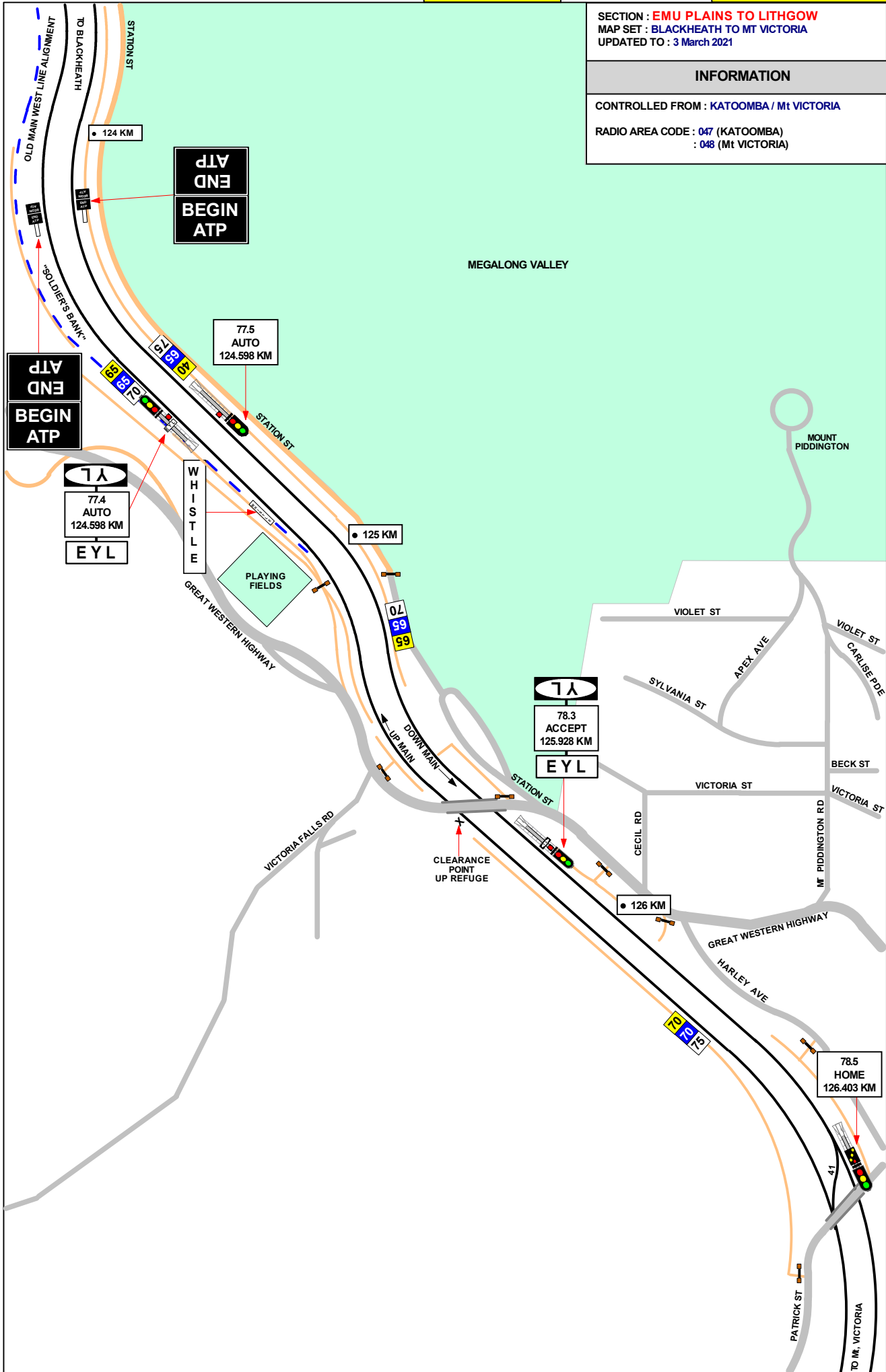
GRADIENT

1 IN 80

LEVEL

1 IN 66

LEVEL



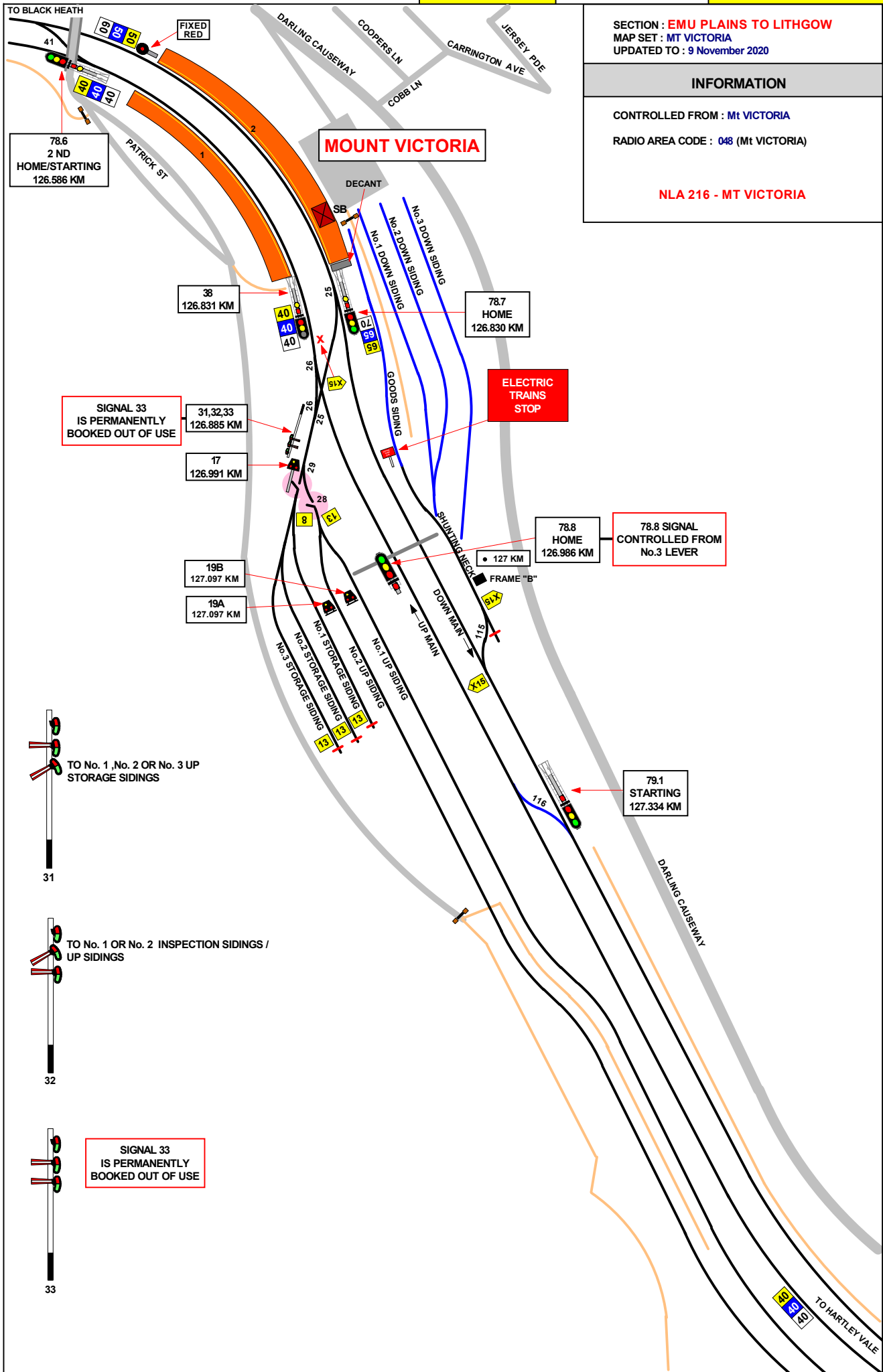
SECTION : EMU PLAINS TO LITHGOW
MAP SET : MT VICTORIA
UPDATED TO : 9 November 2020

INFORMATION

CONTROLLED FROM : Mt VICTORIA
RADIO AREA CODE : 048 (Mt VICTORIA)

NLA 216 - MT VICTORIA

LEVEL



SECTION : EMU PLAINS TO LITHGOW
MAP SET : MOUNT VICTORIA TO HARTLEY VALE
UPDATED TO : 18 November 2019

INFORMATION

CONTROLLED FROM : MOUNT VICTORIA
RADIO AREA CODE : 048 (MOUNT VICTORIA)

GRADIENT

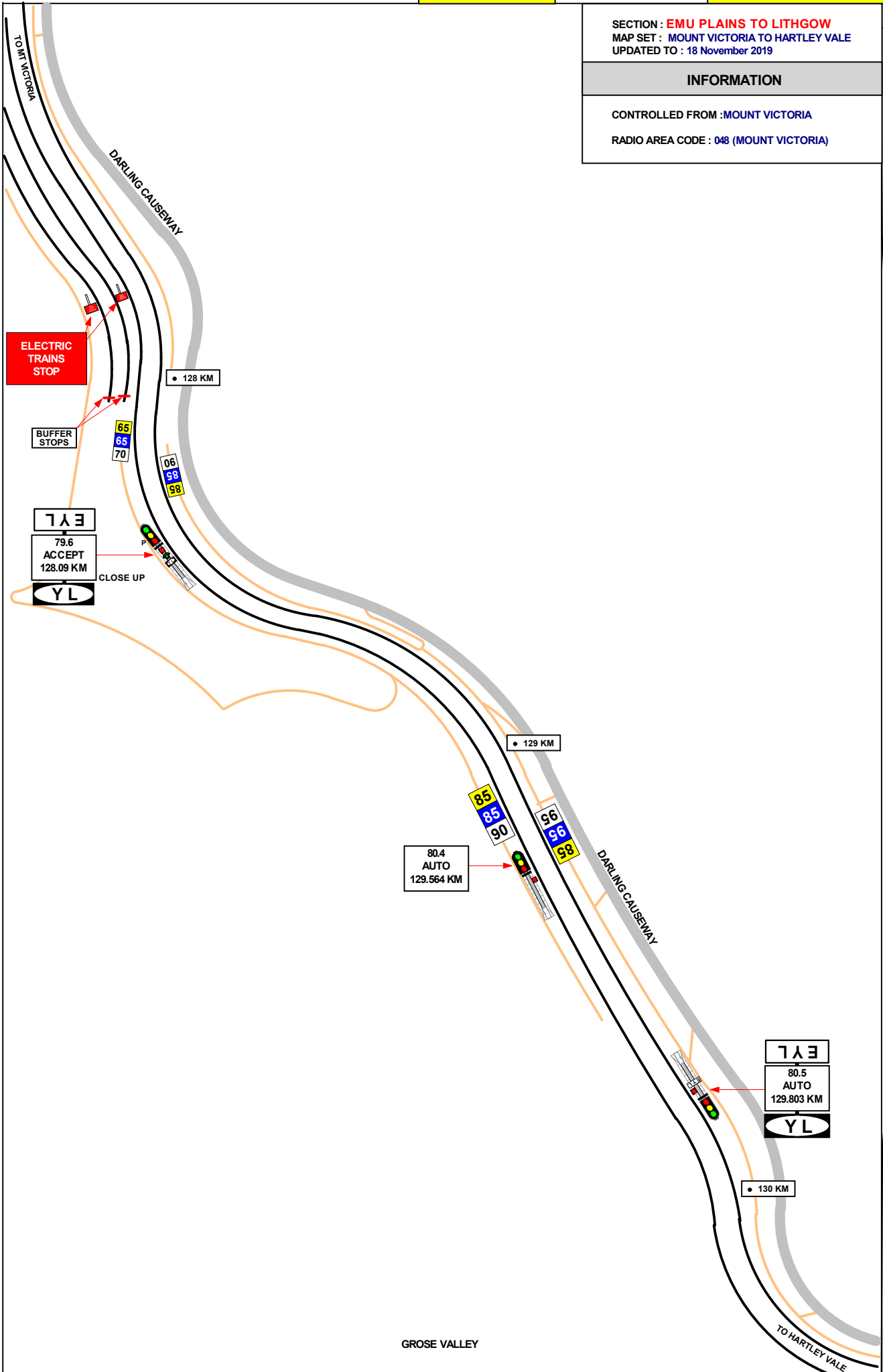
LEVEL

1 IN 99

LEVEL

1 IN 100

LEVEL



GROSE VALLEY

SECTION : EMU PLAINS TO LITHGOW
MAP SET : MOUNT VICTORIA TO HARTLEY VALE
UPDATED TO : 24 JULY 2014

INFORMATION

CONTROLLED FROM : MOUNT VICTORIA
RADIO AREA CODE : 048 (MOUNT VICTORIA)

GRADIENT

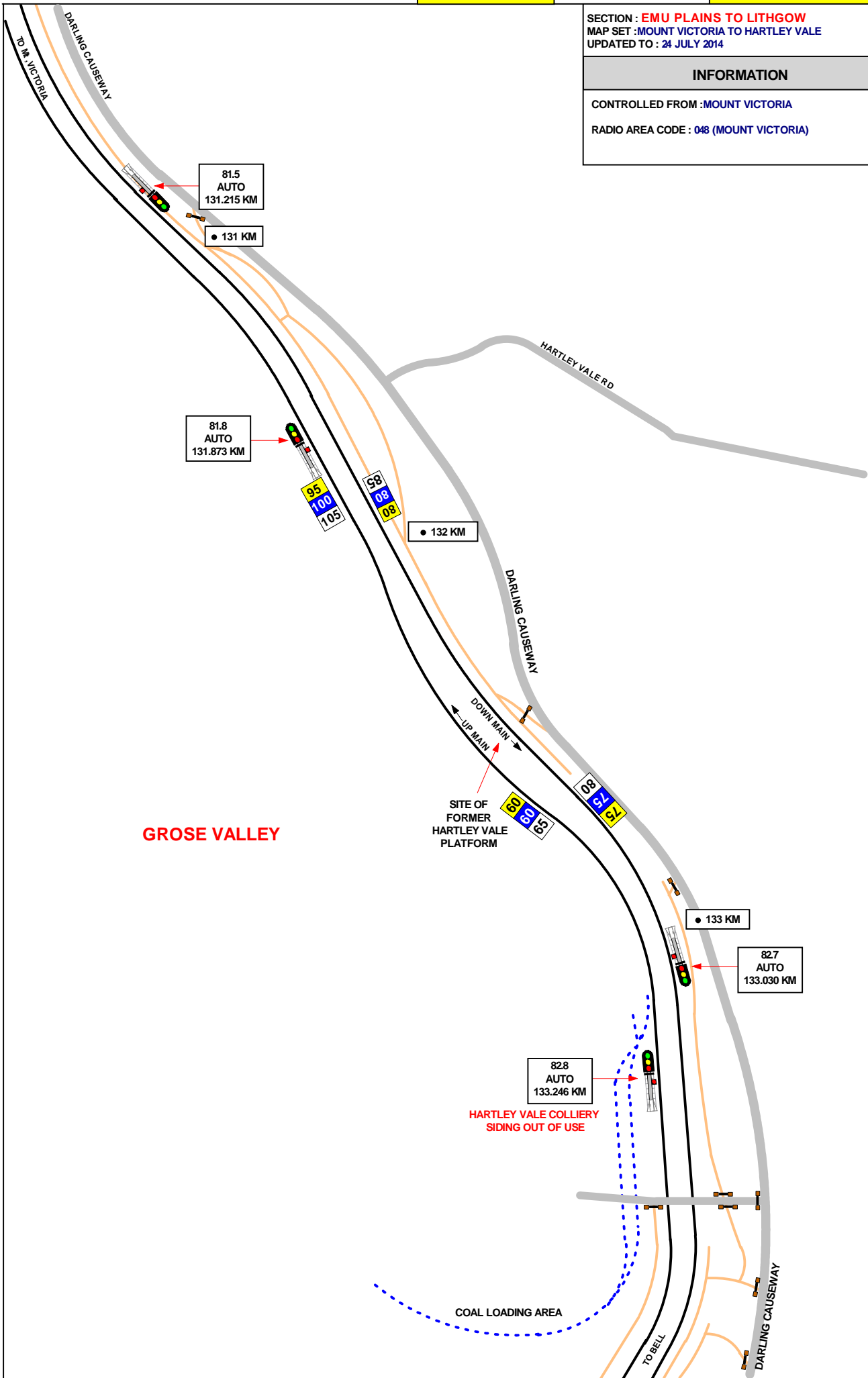
1 IN 100

1 IN 90

1 IN 109

LEVEL

1 IN 70



GROSE VALLEY

SITE OF FORMER HARTLEY VALE PLATFORM

HARTLEY VALE COLLIERY SIDING OUT OF USE

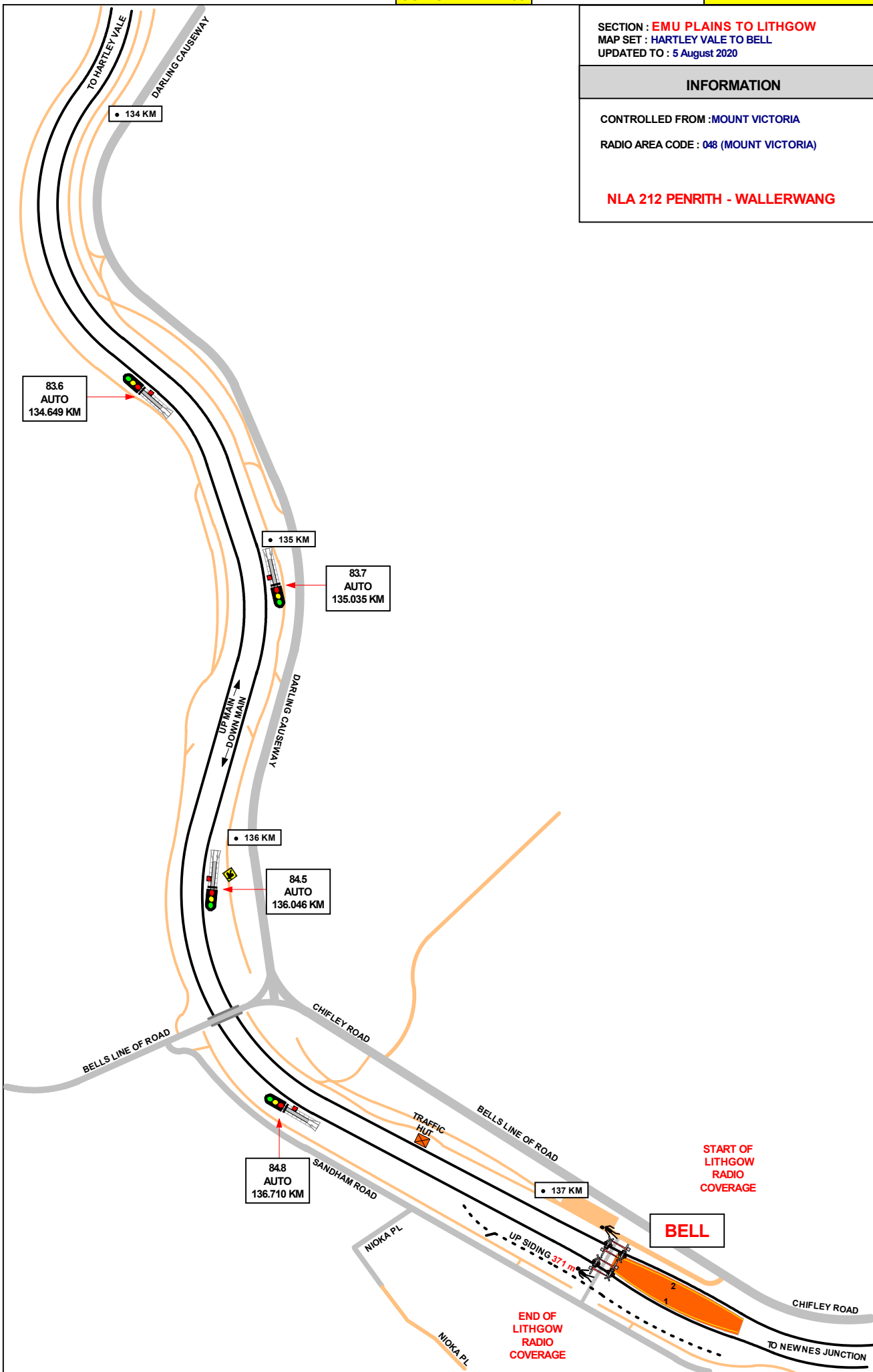
GRADIENT

SECTION : EMU PLAINS TO LITHGOW
MAP SET : HARTLEY VALE TO BELL
UPDATED TO : 5 August 2020

INFORMATION

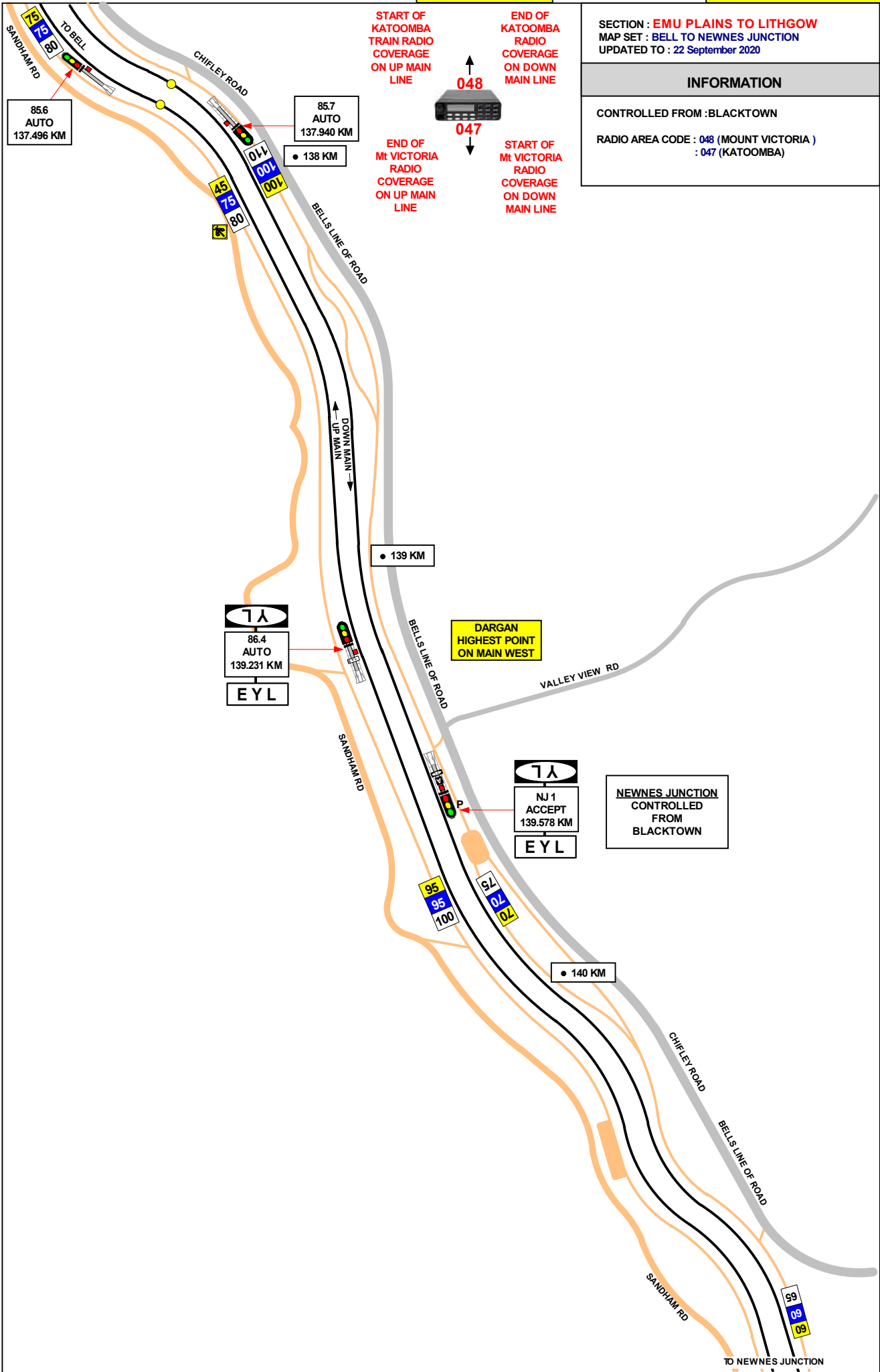
CONTROLLED FROM : MOUNT VICTORIA
RADIO AREA CODE : 048 (MOUNT VICTORIA)

NLA 212 PENRITH - WALLERWANG



1 IN 70

1 IN 80



SECTION : EMU PLAINS TO LITHGOW
 MAP SET : BELL TO NEWNES JUNCTION
 UPDATED TO : 22 September 2020

INFORMATION

CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 048 (MOUNT VICTORIA)
 : 047 (KATOOMBA)

GRADIENT
1 IN 79
1 IN 150
1 IN 150
1 IN 90

GRADIENT

SECTION : **EMU PLAINS TO LITHGOW**
 MAP SET : **NEWNES JUNCTION**
 UPDATED TO : 22 September 2020

INFORMATION

CONTROLLED FROM : **BLACKTOWN**

RADIO AREA CODE : **047 (KATOOMBA)**

NLA 212 NEWNES JUNCTION

REFER TO NLA 212 FOR SPECIAL INSTRUCTIONS

1 IN 90

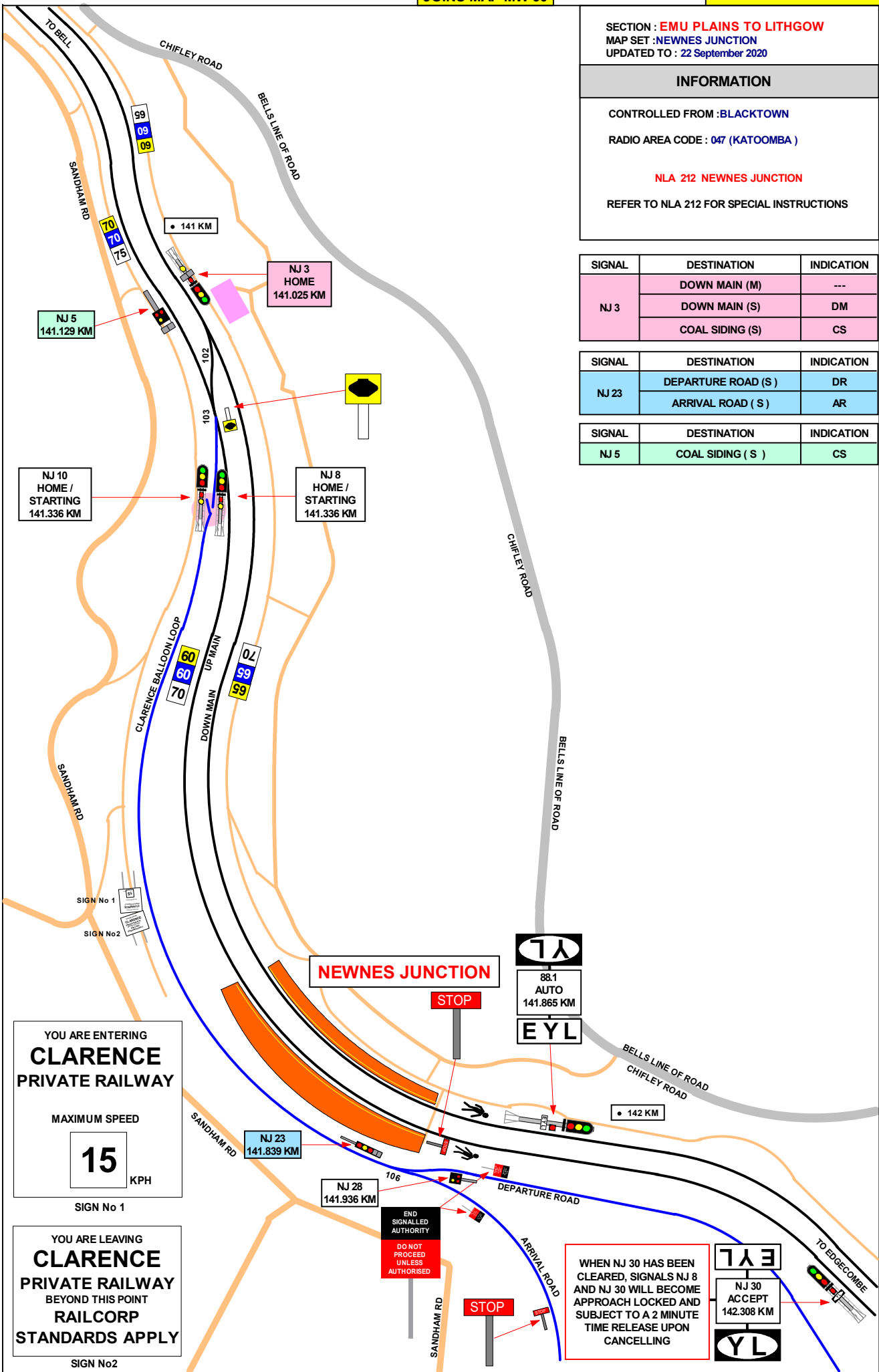
SIGNAL	DESTINATION	INDICATION
NJ 3	DOWN MAIN (M)	---
	DOWN MAIN (S)	DM
	COAL SIDING (S)	CS

SIGNAL	DESTINATION	INDICATION
NJ 23	DEPARTURE ROAD (S)	DR
	ARRIVAL ROAD (S)	AR

SIGNAL	DESTINATION	INDICATION
NJ 5	COAL SIDING (S)	CS

LEVEL

1 IN 90



SECTION : EMU PLAINS TO LITHGOW
MAP SET : NEWNES JUNCTION TO EDGECOMBE
UPDATED TO : 6 August 2020

INFORMATION

CONTROLLED FROM : BLACKTOWN

RADIO AREA CODE : 047 (KATOOMBA)
: 050 (LITHGOW / COAL STAGE SIGNALBOX)

NLA 212 EDGECOMBE - ZIG ZAG

REFER TO NLA 212 FOR SPECIAL INSTRUCTIONS

GRADIENT

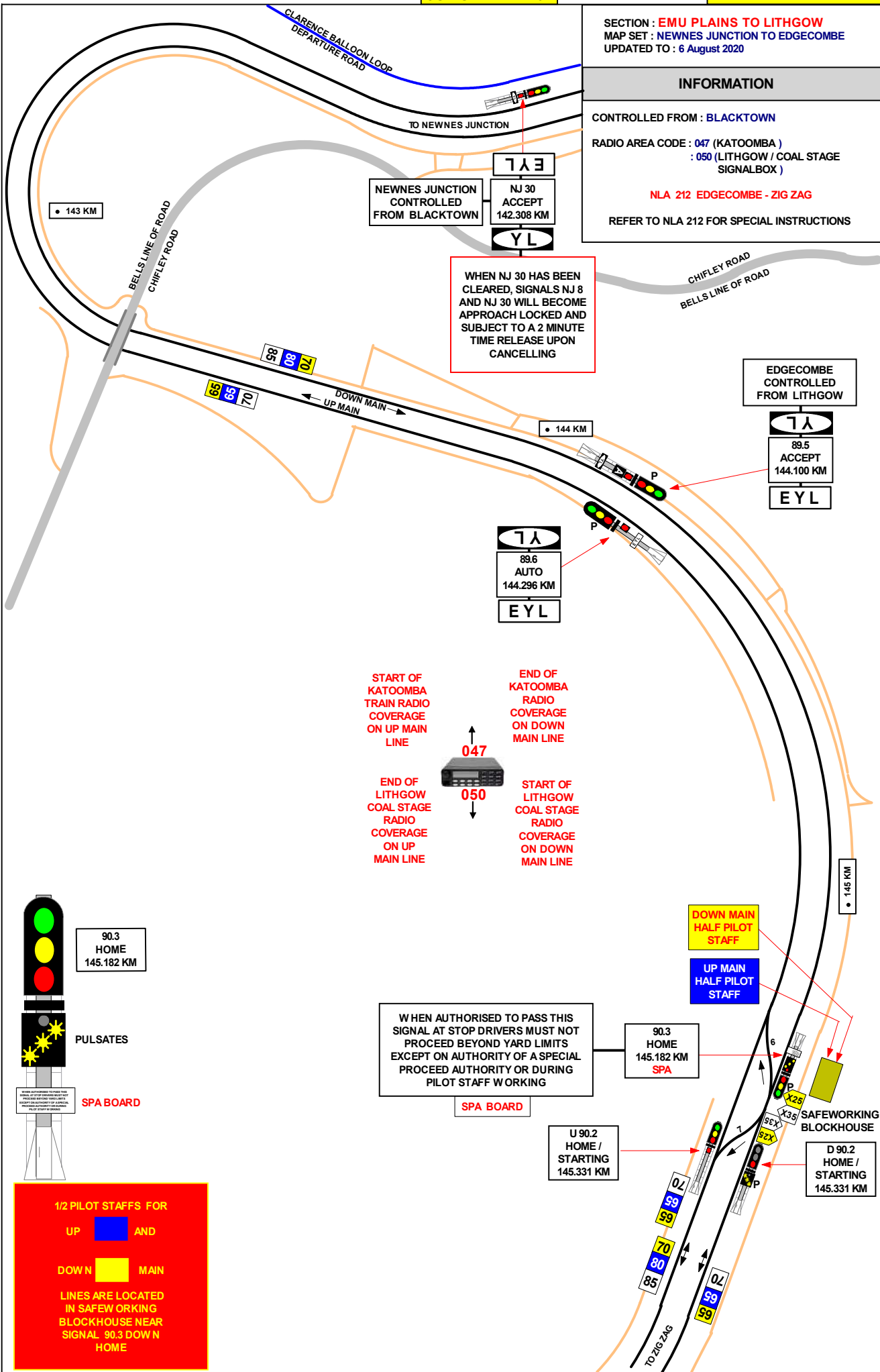
1 IN 90

LEVEL

1 IN 152

1 IN 351

1 IN 1166

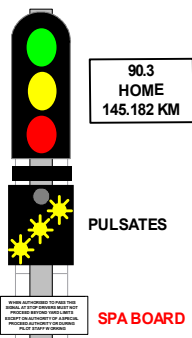


WHEN NJ 30 HAS BEEN CLEARED, SIGNALS NJ 8 AND NJ 30 WILL BECOME APPROACH LOCKED AND SUBJECT TO A 2 MINUTE TIME RELEASE UPON CANCELLING

EDGECOMBE CONTROLLED FROM LITHGOW
7A
89.5 ACCEPT
144.100 KM
EYL

7A
89.6 AUTO
144.296 KM
EYL

START OF KATOOMBA TRAIN RADIO COVERAGE ON UP MAIN LINE
END OF KATOOMBA RADIO COVERAGE ON DOWN MAIN LINE
END OF LITHGOW COAL STAGE RADIO COVERAGE ON UP MAIN LINE
START OF LITHGOW COAL STAGE RADIO COVERAGE ON DOWN MAIN LINE



WHEN AUTHORISED TO PASS THIS SIGNAL AT STOP DRIVERS MUST NOT PROCEED BEYOND YARD LIMITS EXCEPT ON AUTHORITY OF A SPECIAL PROCEED AUTHORITY OR DURING PILOT STAFF WORKING
SPA BOARD

90.3 HOME
145.182 KM
SPA

U 90.2 HOME / STARTING
145.331 KM

D 90.2 HOME / STARTING
145.331 KM

1/2 PILOT STAFFS FOR
UP AND
DOWN MAIN
LINES ARE LOCATED IN SAFEWORKING BLOCKHOUSE NEAR SIGNAL 90.3 DOWN HOME

SECTION : EMU PLAINS TO LITHGOW
MAP SET : EDGECOMBE TO TUNNEL 4
UPDATED TO : 8 May 2020

INFORMATION

CONTROLLED FROM : LITHGOW

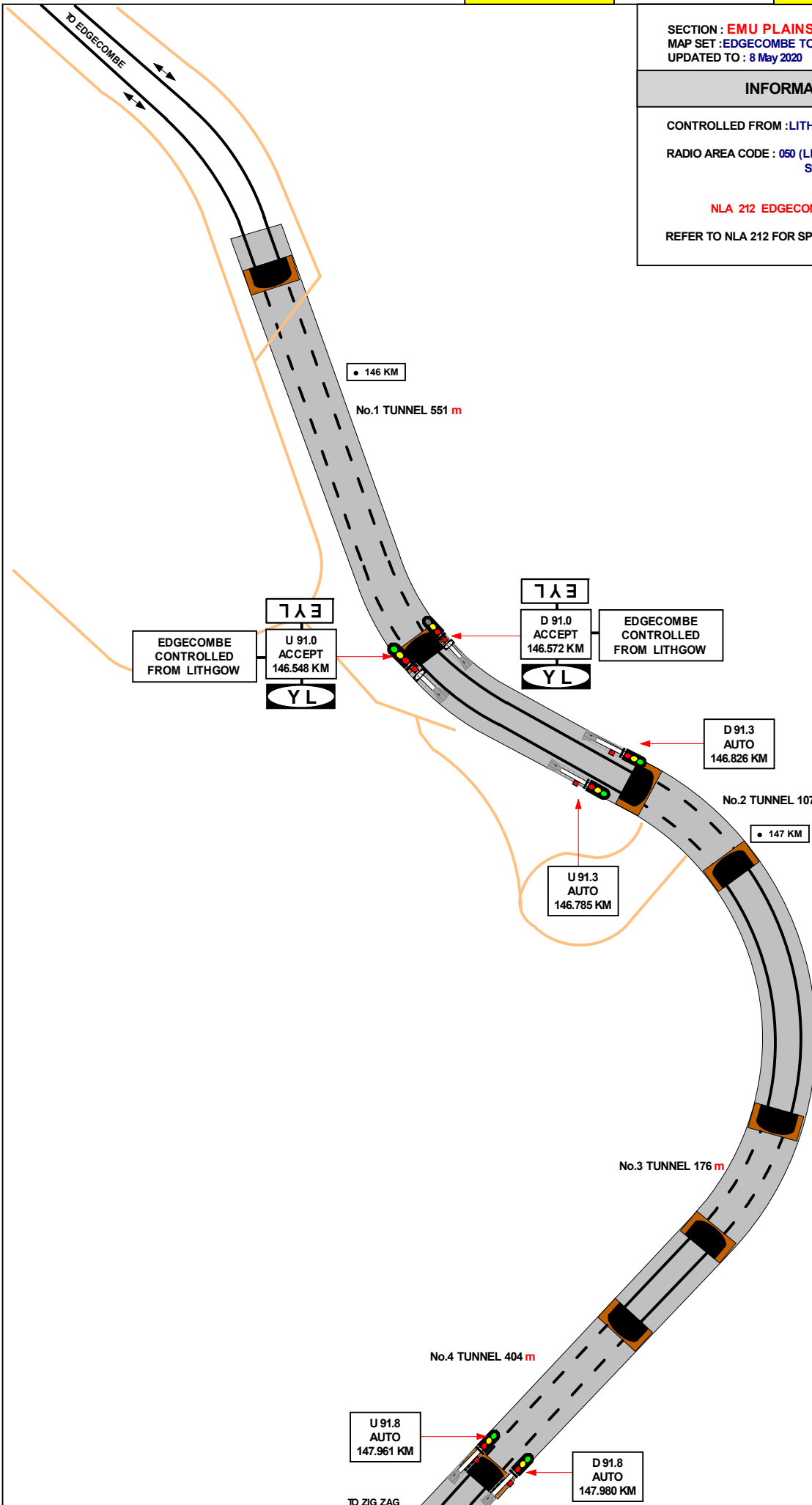
RADIO AREA CODE : 050 (LITHGOW / COAL STAGE
SIGNAL BOX)

NLA 212 EDGECOMBE - ZIG ZAG

REFER TO NLA 212 FOR SPECIAL INSTRUCTIONS

1 IN 1166

1 IN 90



• 146 KM

No.1 TUNNEL 551 m

EDGECOMBE CONTROLLED FROM LITHGOW

EYL
U 91.0
ACCEPT
146.548 KM
YL

EYL
D 91.0
ACCEPT
146.572 KM
YL

EDGECOMBE CONTROLLED FROM LITHGOW

D 91.3
AUTO
146.826 KM

No.2 TUNNEL 107 m

• 147 KM

U 91.3
AUTO
146.785 KM

No.3 TUNNEL 176 m

No.4 TUNNEL 404 m

U 91.8
AUTO
147.961 KM

D 91.8
AUTO
147.980 KM

TO ZIG ZAG

GRADIENT

SECTION : EMU PLAINS TO LITHGOW
MAP SET : TUNNEL 4 TO ZIG ZAG
UPDATED TO : 26 November 2021

INFORMATION

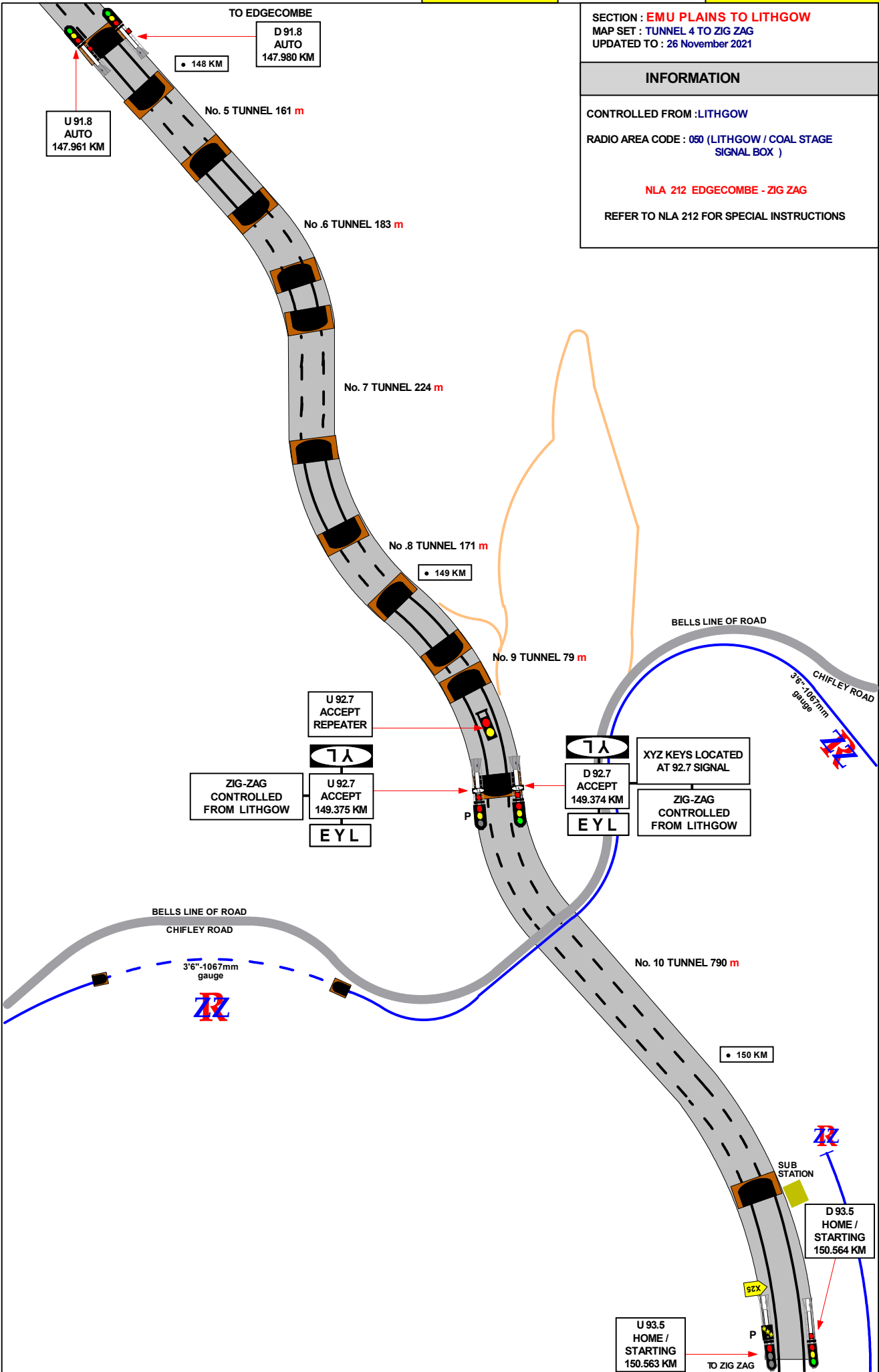
CONTROLLED FROM : LITHGOW
RADIO AREA CODE : 050 (LITHGOW / COAL STAGE
SIGNAL BOX)

NLA 212 EDGECOMBE - ZIG ZAG

REFER TO NLA 212 FOR SPECIAL INSTRUCTIONS

1 IN 90

1 IN 42



SECTION : EMU PLAINS TO LITHGOW
MAP SET : ZIG ZAG TO OAKY PARK
UPDATED TO : 26 November 2021

INFORMATION

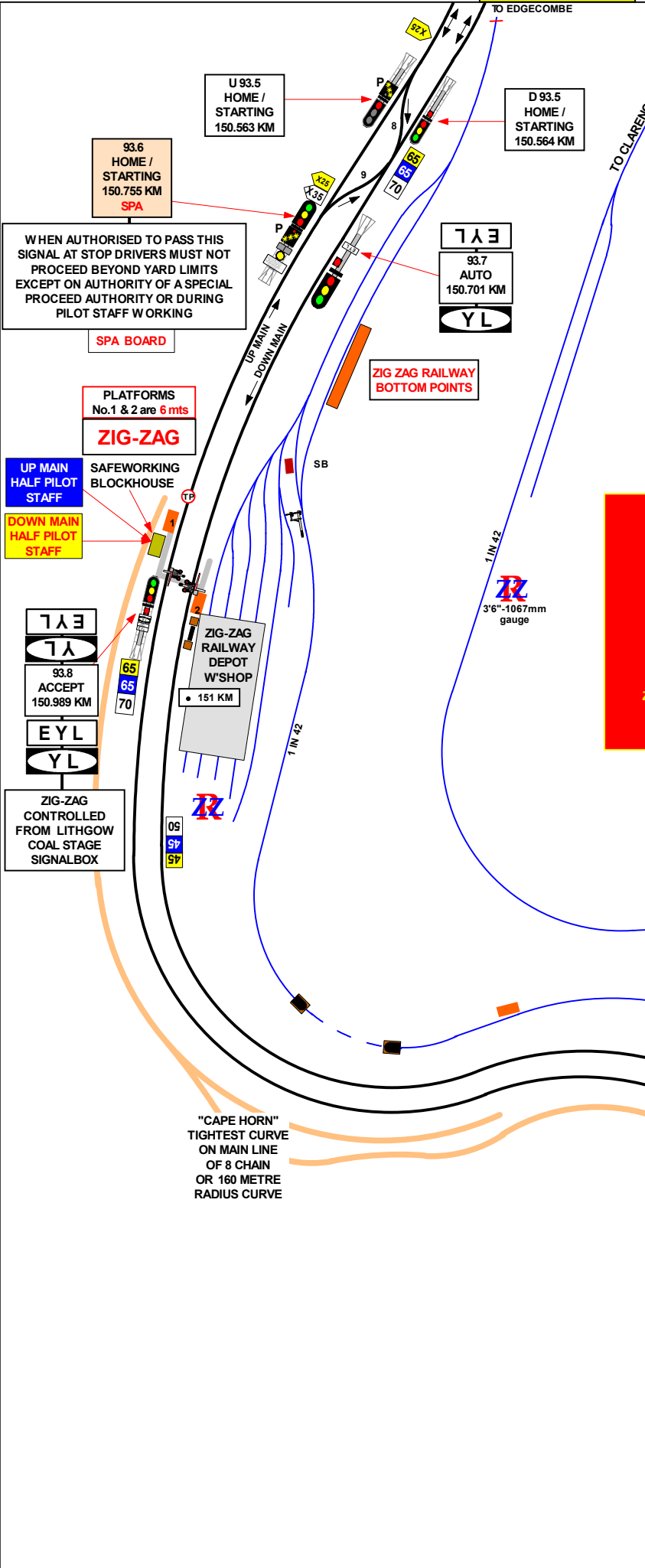
CONTROLLED FROM : LITHGOW
RADIO AREA CODE : 050 (LITHGOW / COAL STAGE SIGNAL BOX)

NLA 212 EDGECOMBE - ZIG ZAG

REFER TO NLA 212 FOR SPECIAL INSTRUCTIONS

SIGNAL	DESTINATION	INDICATION
D 93.6	UP MAIN	UM
	DOWN MAIN	DM

1 IN 89



WHEN AUTHORISED TO PASS THIS SIGNAL AT STOP DRIVERS MUST NOT PROCEED BEYOND YARD LIMITS EXCEPT ON AUTHORITY OF A SPECIAL PROCEED AUTHORITY OR DURING PILOT STAFF WORKING

SPA BOARD

PLATFORMS No.1 & 2 are 6 mts
ZIG-ZAG

UP MAIN HALF PILOT STAFF
DOWN MAIN HALF PILOT STAFF

SAFEWORKING BLOCKHOUSE

ZIG ZAG RAILWAY BOTTOM POINTS

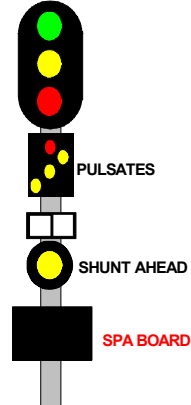
ZIG-ZAG RAILWAY DEPOT W'SHOP
• 151 KM

EYL
YL
93.8 ACCEPT 150.989 KM
EYL
YL

ZIG-ZAG CONTROLLED FROM LITHGOW COAL STAGE SIGNALBOX

1/2 PILOT STAFFS FOR
 UP  AND
 DOWN  MAIN
 LINES ARE LOCATED IN SAFEWORING BLOCKHOUSE NEAR ZIG-ZAG No. 1 PLATFORM

D 93.6 HOME / STARTING 150.755 KM SPA



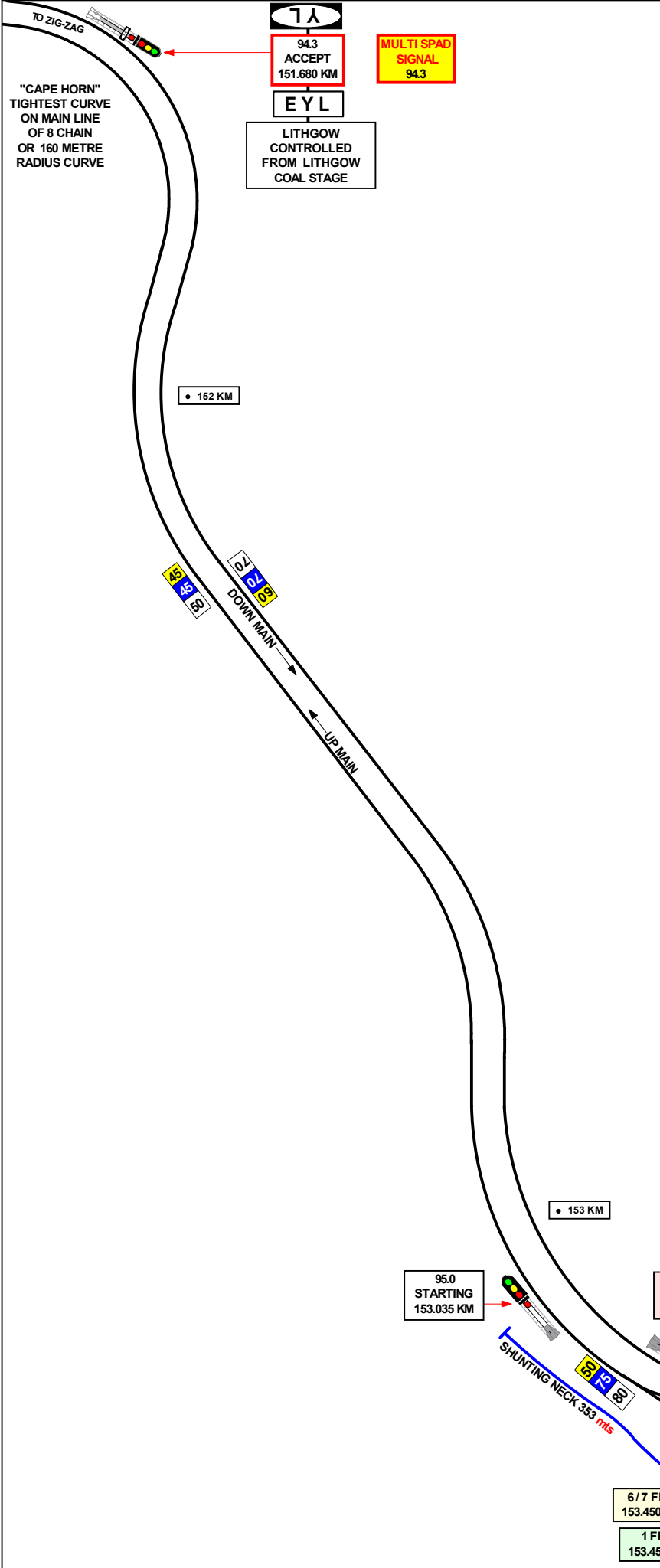
MULTI SPAD SIGNAL 94.3

LITHGOW CONTROLLED FROM LITHGOW COAL STAGE SIGNALBOX

94.3 ACCEPT 151.680 KM
EYL

"CAPE HORN" TIGHTEST CURVE ON MAIN LINE OF 8 CHAIN OR 160 METRE RADIUS CURVE

1 IN 42



SECTION : EMU PLAINS TO LITHGOW
 MAP SET : ZIG ZAG TO OAKY PARK
 UPDATED TO : 7 August 2020

INFORMATION

CONTROLLED FROM : LITHGOW

RADIO AREA CODE : 050 (LITHGOW / COAL STAGE SIGNAL BOX)

NLA 212 EDGECOMBE - ZIG ZAG

REFER TO NLA 212 FOR SPECIAL INSTRUCTIONS

SIGNAL	DESTINATION	INDICATION
95.1	DOWN SIDINGS	DS
	DOWN MAIN	DM
	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
72	No.2 RECEPTION SIDING	2R
	No.1 RECEPTION SIDING	1R

WRONG ROAD DIRECTION ON UP MAIN LINE TO SIGNAL 17

6 FRB

TO UP RECEPTION SIDINGS

7 FRB

SECTION : EMU PLAINS TO LITHGOW
MAP SET : OAKEY PARK TO LITHGOW YARD
UPDATED TO : 22 May 2020

INFORMATION

CONTROLLED FROM : LITHGOW

RADIO AREA CODE : 050 (LITHGOW / COAL STAGE
SIGNAL BOX)

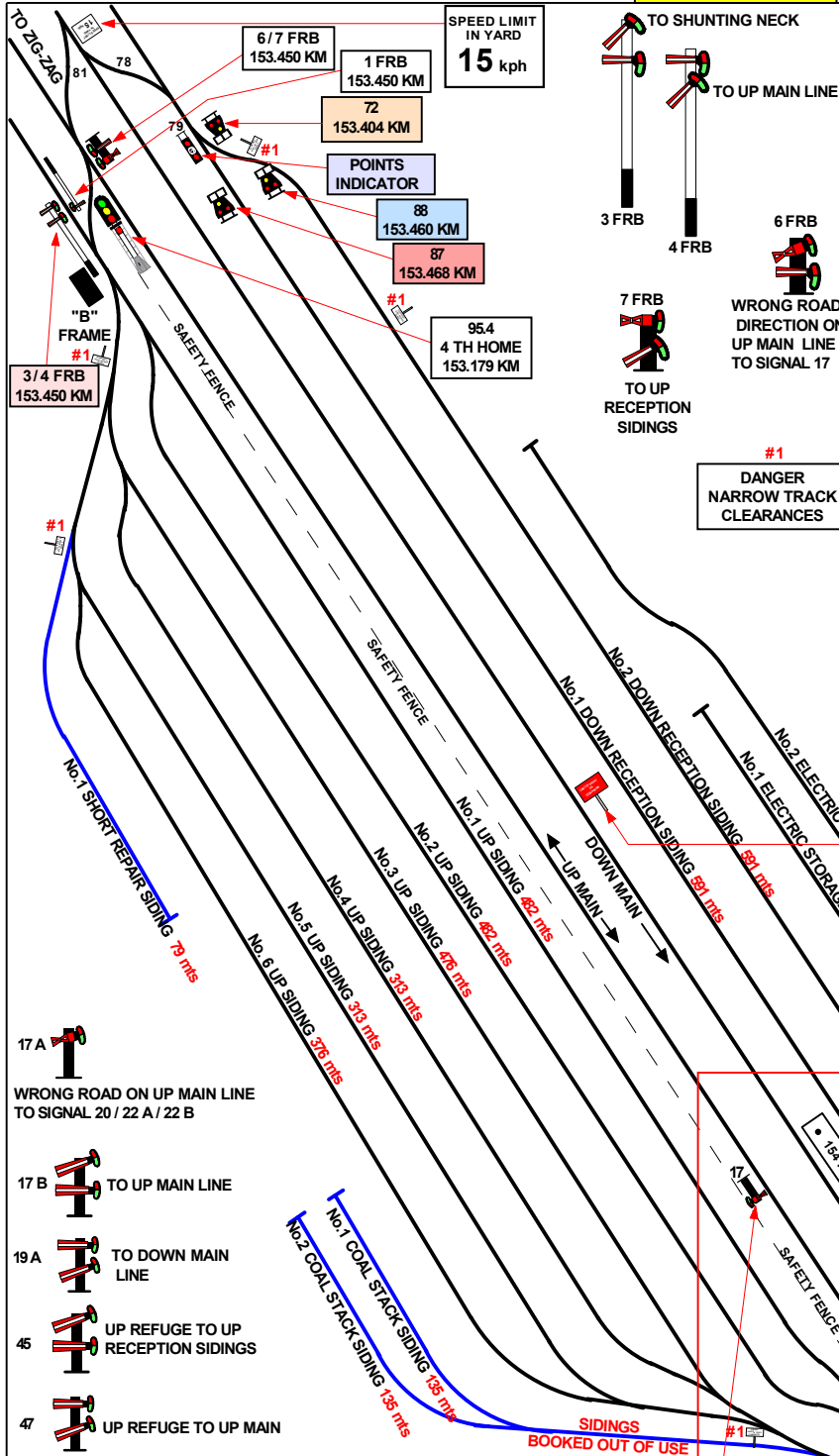
SIGNAL	DESTINATION	INDICATION
72	No.2 RECEPTION SIDING	2 R
	No.1 RECEPTION SIDING	1 R

SIGNAL	DESTINATION	INDICATION
87	UP MAIN	UP
	SUB STATION SIDING	SS

SIGNAL	DESTINATION	INDICATION
88	UP MAIN	UP
	SUB STATION SIDING	SS

SIGNAL	DESTINATION	INDICATION
95.8 33 / 42	UP MAIN -CALL ON	UM
	UP YARD	UY

SIGNAL	DESTINATION	INDICATION
46/15/10	LOCO ROAD	LR
	DOWN MAIN	DM
	UP MAIN	UM



- 17 A: WRONG ROAD ON UP MAIN LINE TO SIGNAL 20 / 22 A / 22 B
- 17 B: TO UP MAIN LINE
- 19 A: TO DOWN MAIN LINE
- 45: UP REFUGE TO UP RECEPTION SIDINGS
- 47: UP REFUGE TO UP MAIN

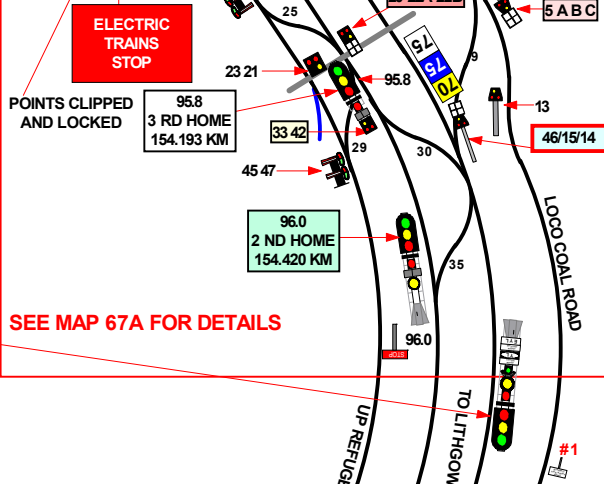
SIGNAL	DESTINATION	INDICATION
13/A/B/C/D	ELECTRIC STORAGE No.1	S1
	ELECTRIC STORAGE No.2	S2
	ELECTRIC STORAGE No.3	S3
	LOCO	L

SIGNAL	DESTINATION	INDICATION
5/A/B/C	LOCO ROAD	LR
	DOWN MAIN	DM
	UP MAIN	UM

SIGNAL	DESTINATION	INDICATION
96.0	UP MAIN	UM
	DOWN MAIN	DM

SIGNAL	DESTINATION	INDICATION
20/ 22A / 22B	DOWN MAIN	DM
	SET BACK ON UP MAIN	UM
	DEPARTURE ROAD	DR

LITHGOW COAL STAGE SIGNALBOX



SEE MAP 67A FOR DETAILS

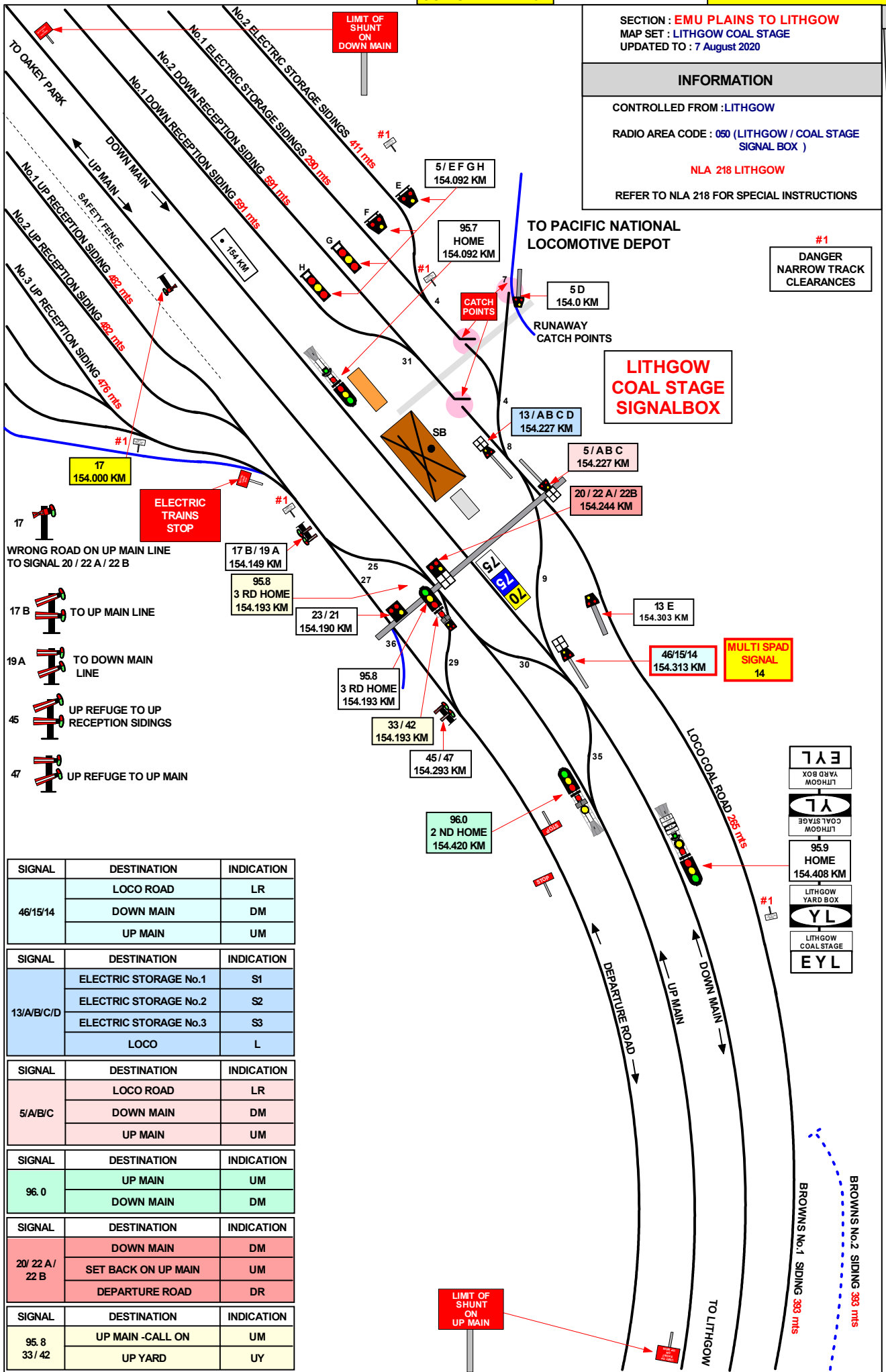
SECTION : EMU PLAINS TO LITHGOW
 MAP SET : LITHGOW COAL STAGE
 UPDATED TO : 7 August 2020

INFORMATION

CONTROLLED FROM : LITHGOW
 RADIO AREA CODE : 050 (LITHGOW / COAL STAGE SIGNAL BOX)
 NLA 218 LITHGOW
 REFER TO NLA 218 FOR SPECIAL INSTRUCTIONS

#1
 DANGER
 NARROW TRACK
 CLEARANCES

LITHGOW
 COAL STAGE
 SIGNALBOX

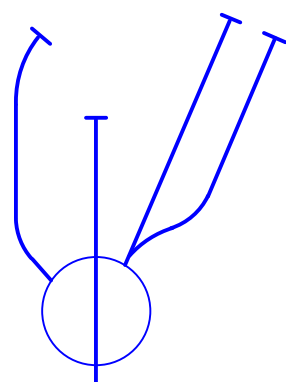


- 17
WRONG ROAD ON UP MAIN LINE TO SIGNAL 20 / 22 A / 22 B
- 17 B
TO UP MAIN LINE
- 19 A
TO DOWN MAIN LINE
- 45
UP REFUGE TO UP RECEPTION SIDINGS
- 47
UP REFUGE TO UP MAIN

SIGNAL	DESTINATION	INDICATION
46/15/14	LOCO ROAD	LR
	DOWN MAIN	DM
	UP MAIN	UM
13/ABC/D	ELECTRIC STORAGE No.1	S1
	ELECTRIC STORAGE No.2	S2
	ELECTRIC STORAGE No.3	S3
	LOCO	L
5/ABC	LOCO ROAD	LR
	DOWN MAIN	DM
	UP MAIN	UM
96.0	UP MAIN	UM
	DOWN MAIN	DM
20/22 A / 22 B	DOWN MAIN	DM
	SET BACK ON UP MAIN	UM
	DEPARTURE ROAD	DR
95.8 / 33 / 42	UP MAIN -CALL ON	UM
	UP YARD	UY



1 IN 150



FOR ACCESS AND INFORMATION
CONTACT COORDINATOR
Mr J . BROOKS on 063 507 515



**LITHGOW LOCOMOTIVE
DEPOT
PACIFIC NATIONAL**

Diesel By-Pass Road

No.7 Loco Workshop Rd 217 mts

No.6 Loco Workshop Rd 264 mts

No.3 Loco Workshop Rd 259 mts

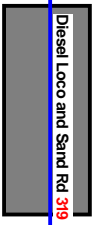
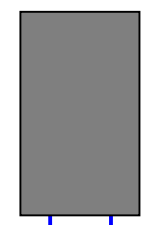
No.2 Electric Loco Workshop Rd 259 mts

No.1 Electric Loco Workshop Rd 294 mts

Electric Loco Departure Rd 275 mts

Electric Loco Sand Rd 339 mts

Diesel Loco and Sand Rd 319 mts



No.2 ELECTRIC STORAGE SIDINGS 411 mts

No.1 ELECTRIC STORAGE SIDINGS 290 mts

JOINS MAP MW 67A



RUNAWAY
CATCHPOINTS



5 D
154.0 KM

**ELECTRIC
TRAINS
STOP**

TO COAL STAGE SIGNALBOX

SPECIAL POINTS OF INTEREST

LITHGOW

NLA 218

THIS LOCATION HAS NARROW TRACK CLEARANCES

LITHGOW COAL STAGE AT 154.128 KM

LITHGOW YARD AT 155.170 KM

LITHGOW AT 155.687 KM

TRAIN CONTROLLER AT RMC (SYDNEY)
SIGNALLERS AT LITHGOW COAL STAGE AND LITHGOW YARD

LITHGOW COAL STAGE

LITHGOW COAL STAGE ABUTS LITHGOW YARD ON THE MAIN WEST LINE AND ZIG ZAG ON THE UP MAIN WEST LINE.



151.690 KM LITHGOW COAL STAGE DOWN SIGNAL 94.3



154.413 KM DOWN STARTING 95.9



150.988 KM ZIG ZAG UP SIGNAL 93.8



154.881 KM LITHGOW YARD UP SIGNAL 96.2

INTERLOCKED POINTS WITHOUT GROUND FRAMES ARE OPERATED FROM LITHGOW COAL STAGE SIGNALBOX



153.288 KM STOP SIGN ON SUBSTATION SIDING



153.418 KM UP RECEPTION SIDING TO UP MAIN WEST LINE, OPERATED FROM LEVER2:KEY FROM RELEASING SWITCH "B" , RELEASED FROM LITHGOW COAL STAGE SIGNALBOX



FRAME "B" CLOSING LEVER 8 RELEASES SIGNAL LEVERS 1,3 AND 6 FOR THROUGH - SHUNTING MOVEMENTS ON THE MAIN WEST LINE AND UP SHUNTING NECK . SECURED WITH A CLIP AND SL LOCK



153.741 KM UP SHUNT LIMIT SIGN ON DOWN MAIN WEST LINE



154.128 KM LITHGOW COAL STAGE SIGNAL BOX



154.138 KM UP ELECTRIC TRAIN STOP SIGN ON No . UP RECEPTION SIDING

LITHGOW YARD

LITHGOW YARD ABUTS LITHGOW COAL STAGE ON THE MAIN WEST LINE



154.413 KM LITHGOW YARD DOWN SIGNAL 95.9



156.361 KM LITHGOW DOWN SIGNAL 97.1



154.881 KM LITHGOW YARD UP SIGNAL 96.2



156.024 KM LITHGOW YARD UP SIGNAL 97.0

INTERLOCKED POINTS WITHOUT GROUND FRAMES ARE OPERATED FROM LITHGOW YARD SIGNAL BOX



154.783 KM DOWN SHUNT LIMIT SIGN ON UP MAIN WEST LINE



155.170 KM LITHGOW YARD SIGNALBOX



155.562 KM LITHGOW . PLATFORM 1 AND 2



156.009 KM LEVER 3 : KEY FROM RELEASING SWITCH 1 , DOWN MAIN WEST LINE TO WEST DOCK SIDING .
LEVER 2 : KEY RELEASING SWITCH 2 , DOWN MAIN WEST LINE TO UP MAIN WEST LINE .
BOTH RELEASED BY TRACK-CIRCUIT .

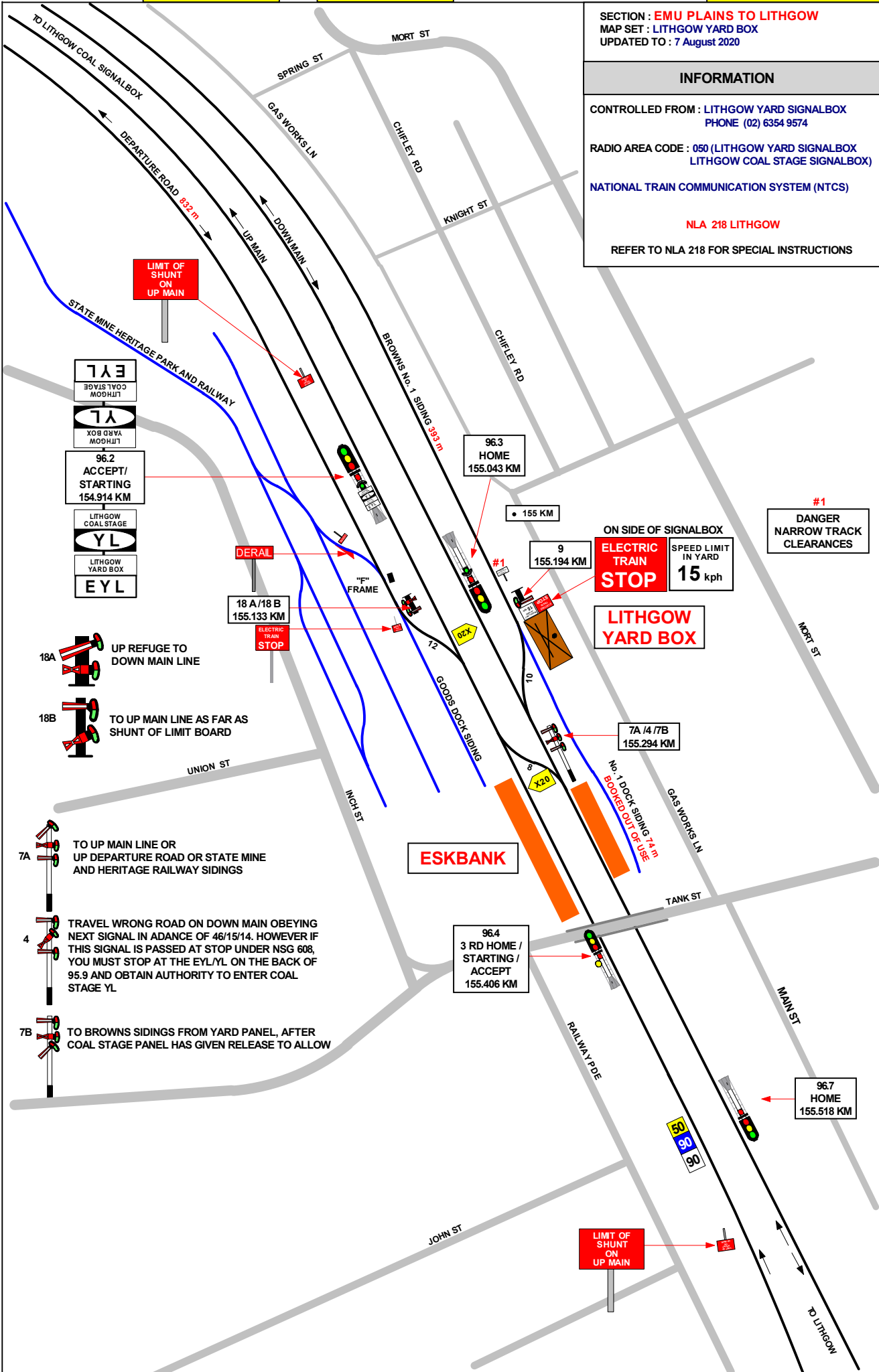
SECTION : EMU PLAINS TO LITHGOW
MAP SET : LITHGOW YARD BOX
UPDATED TO : 7 August 2020

INFORMATION

CONTROLLED FROM : LITHGOW YARD SIGNALBOX
PHONE (02) 6354 9574
RADIO AREA CODE : 050 (LITHGOW YARD SIGNALBOX
LITHGOW COAL STAGE SIGNALBOX)
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

NLA 218 LITHGOW

REFER TO NLA 218 FOR SPECIAL INSTRUCTIONS



1 IN 150

SECTION : EMU PLAINS TO LITHGOW
MAP SET : LITHGOW
UPDATED TO : 7 August 2020

INFORMATION

CONTROLLED FROM : LITHGOW YARD SIGNALBOX
PHONE (02) 6354 9574
JOHN HOLLAND REGIONAL
NETWORK WEST BOARD
PHONE (02) 4028 9504

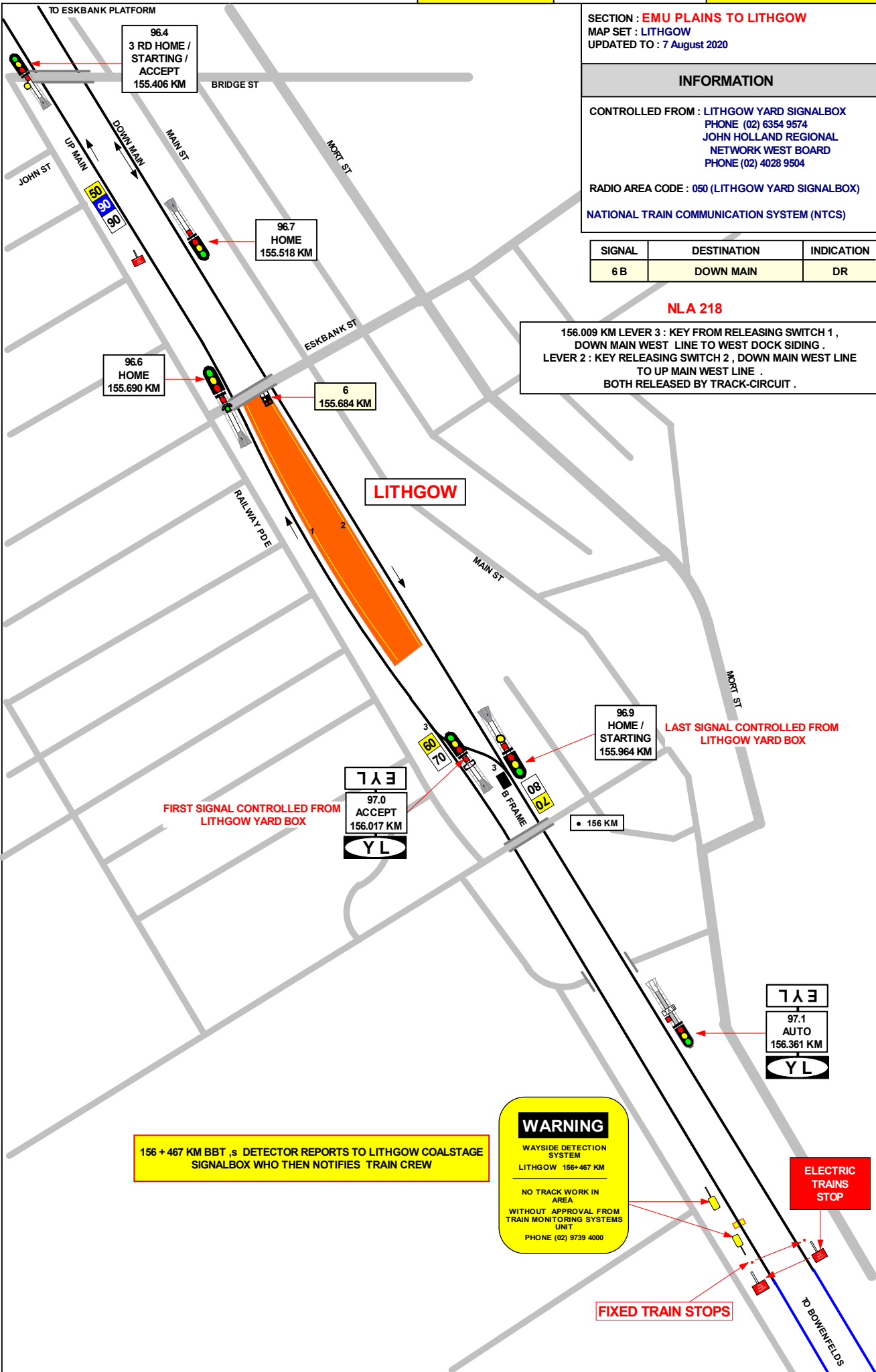
RADIO AREA CODE : 050 (LITHGOW YARD SIGNALBOX)

NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
6 B	DOWN MAIN	DR

NLA 218

156.009 KM LEVER 3 : KEY FROM RELEASING SWITCH 1 ,
DOWN MAIN WEST LINE TO WEST DOCK SIDING .
LEVER 2 : KEY RELEASING SWITCH 2 , DOWN MAIN WEST LINE
TO UP MAIN WEST LINE .
BOTH RELEASED BY TRACK-CIRCUIT .



96.4
3 RD HOME /
STARTING /
ACCEPT
155.406 KM

96.7
HOME
155.518 KM

96.6
HOME
155.690 KM

6
155.684 KM

LITHGOW

96.9
HOME /
STARTING
155.964 KM

LAST SIGNAL CONTROLLED FROM
LITHGOW YARD BOX

FIRST SIGNAL CONTROLLED FROM
LITHGOW YARD BOX

YL
97.0
ACCEPT
156.017 KM
YL

156 KM

YL
97.1
AUTO
156.361 KM
YL

156 + 467 KM BBT ,s DETECTOR REPORTS TO LITHGOW COALSTAGE
SIGNALBOX WHO THEN NOTIFIES TRAIN CREW

WARNING
WAYSIDE DETECTION
SYSTEM
LITHGOW 156+467 KM

NO TRACK WORK IN
AREA
WITHOUT APPROVAL FROM
TRAIN MONITORING SYSTEMS
UNIT
PHONE (02) 9739 4000

ELECTRIC
TRAINS
STOP

FIXED TRAIN STOPS

CONTROL PANELS	DEPARTMENTAL	PUBLIC
PENRITH PANEL-----	83 824-----	02 4780 3824
KATOOMBA PANEL-----	87 401-----	02 9851 7401
MT VICTORIA PANEL 1-----	88 837-----	02 6354 9837
MT VICTORIA PANEL 2-----	88 887-----	02 6354 9887
ZIG-ZAG TRAFFIC HUT-----	88 569-----	NA
LITHGOW COAL STAGE-----	88 524-----	63 549 524
LITHGOW YARD-----	88 574-----	63 549 574
LITHGOW STATION-----	88 565-----	63 549 565

STATIONS	DEPARTMENTAL	PUBLIC
BELL-----	NA-----	02 4787 8452
BLACKHEATH-----	83 992-----	02 4780 3992
BLAXLAND-----	83 806-----	02 4739 1620
BULLABURRA-----	NA-----	02 4780 3935
EMU PLAINS-----	NA-----	02 4735 2506
FAULCONBRIDGE-----	83 906-----	02 4780 3906
GLENBROOK-----	83 805-----	02 4739 1753
HAZELBROOK-----	83 913-----	02 4780 3913
KATOOMBA-----	83 965-----	02 4782 1902
LAPSTONE-----	83 813-----	02 4780 3813
LAWSON-----	83 914-----	02 4780 3914
LEURA-----	83 933-----	02 4780 3933
LINDEN-----	NA-----	02 4780 3915
LITHGOW-----	88 565-----	02 6354 9507
MEDLOW BATH-----	NA-----	02 4782 1902
MOUNT VICTORIA-----	88 838-----	02 6354 9838
SPRINGWOOD-----	83 905-----	02 4780 3915
VALLEY HEIGHTS-----	83 105-----	02 4780 3105
WARRIMOO-----	NA-----	02 4780 3808
WENTWORTH FALLS-----	NA-----	02 4780 3931
WOODFORD-----	NA-----	02 4780 3910