

1. LONGITUDINAL LINES		
LINE TYPES	PATTERN & SPACING	USAGE
1.1 DIVIDING / BROKEN SEPARATION LINES a) TWO-LANE ROADS b) PATHS		SEPARATES TWO-WAY TRAFFIC: OVERTAKING PERMITTED IN BOTH DIRECTIONS.
1.2 BARRIER LINES a) UNBROKEN SEPARATION/SINGLE (SEE NOTE 8) b) DOUBLE ONE WAY c) DOUBLE TWO WAY (SEE NOTE 8)		SEPARATES TWO-WAY TRAFFIC: NO OVERTAKING PERMITTED IN EITHER DIRECTION. USE IN URBAN/BUILT UP AREAS WHERE THE SPEED LIMIT IS ≤ 60km/h. SEPARATES TWO-WAY TRAFFIC: OVERTAKING PERMITTED IN ONE DIRECTION ONLY. OVERTAKING PROHIBITED IN BOTH DIRECTIONS.
1.3 LANE LINES a) BROKEN b) CONTINUOUS / UNBROKEN c) SPECIAL PURPOSE		SEPARATES TRAFFIC ON MULTI-LANE ROADWAYS TRAVELLING IN THE SAME DIRECTION. DUAL LANE ROUNDABOUTS, AT EXCLUSIVE TURN LANES, TWO LANE EXITS AND EXCLUSIVE EXIT LANES ON THE FREEWAY.
1.4 EDGE LINES a) STANDARD/ OUTLINE MARKING		SEPARATES A LANE FROM THE SHOULDER. USED TO OUTLINE SPLAYS, ISLANDS, GORE AREAS ETC. USE AT INTERSECTIONS AS AN EXTENSION OF A CONTINUITY LINE TO PROHIBIT LANE CHANGES.
1.5 CONTINUITY LINES NORMAL USAGE		BUS BAY, BUS LANE & BUS/TAXI LANE MARKINGS SHALL BE YELLOW.
1.6 TURN LINES a) BROKEN b) UNBROKEN c) ROUNDABOUTS		MULTIPLE TURNS DIAMOND TURNS PROVIDE GUIDANCE AT LARGE ROUNDABOUTS FOR TRAFFIC TO ENTER "SPIRALS" FROM APPROACH LEG.

LINE TYPES	PATTERN & SPACING	USAGE
1.7 AUDIO-TACTILE LINE MARKING a) AUDIO-TACTILE CENTRE LINE (ATCL) b) AUDIO-TACTILE EDGE LINE (ATEL) c) WIDE CENTRE LINE TREATMENT (WCLT)	<ul style="list-style-type: none"> ATCL - 80mm LINE / 100mm RIB - SEE DRGS 202131-0001 TO 202131-0006. ATCL - 100mm LINE / 150mm RIB - SEE DRGS 202031-0100 TO 202031-0105. ATCL - INTERSECTION TREATMENTS - SEE DRGS 202031-0107 AND 202031-0108. ATEL - SEE DRGS 201131-0039 AND 201131-0041. WCLT - 0.6m WIDE / 200mm WIDE LINE - SEE DRGS 202031-0052 TO 202031-0058, 202031-0060 AND 202031-0061. WCLT - 1.0m WIDE / 300mm WIDE LINE - SEE DRGS 202031-0059 AND 202031-0062 TO 202031-0070. WCLT - 1.0m WIDE / 100mm WIDE LINE - SEE DRGS 201631-0046 TO 201631-0056. 	FOR CONSTRAINED LOCATIONS PREFERRED TREATMENT MIN. TREATMENT SIGNAGE REQUIRED
2. TRANSVERSE LINES		
LINE TYPES	PATTERN & SPACING	USAGE
2.1 STOP LINES		REFER STANDARD DRAWING 200431-0002 FOR INSTALLATION/MODIFICATION DETAILS.
2.2 GIVE WAY & HOLDING LINES a) CARRIAGEWAYS b) PATHS		REFER STANDARD DRAWING 200431-0002 FOR INSTALLATION/MODIFICATION DETAILS.
2.3 GUIDE LINES a) PED./CYCLIST CROSSWALKS		

NOTES:

- ALL LINE WIDTHS ARE IN MILLIMETRES.
- FOR RETROREFLECTIVE RAISED PAVEMENT MARKERS (RRPMs), SEE DRGS. No. 201031-0026, 201031-0027.
- FOR GORE PATTERNS AND ASSOCIATED RRPMs, SEE DRGS No. 200331-0093 AND 200331-0094.
- FOR DIAGONAL MARKING DETAILS SEE DRG No. 200331-0091.
- ALL PAVEMENT MARKINGS AND RRPMs SHALL CONFORM TO MRWA SPECIFICATION 604.
- OTHER THAN FREEWAYS, REMARK EXISTING 150mm EDGE LINES AT 120mm WIDTH.
- FREEWAYS INCLUDE KWANANA, GRAHAM FARMER, MITCHELL FREEWAYS, SECTIONS OF REID, TONKIN, LEACH AND ROE HIGHWAYS CONSTRUCTED TO A GRADE SEPARATED STANDARD AND ASSOCIATED RAMPS UP TO RAMP JUNCTIONS.
- CURRENTLY UNDER THE ROAD TRAFFIC CODE 2000, VEHICLES MAY CROSS A DOUBLE TWO WAY BARRIER LINE TO GAIN ACCESS TO/FROM ADJOINING PROPERTIES OR TO EXECUTE A U-TURN. IN THE FUTURE (DATE TO BE DETERMINED) NO MOVEMENTS WILL BE PERMITTED ACROSS A DOUBLE TWO WAY BARRIER LINE (IN LINE WITH THE AUSTRALIAN ROAD RULES). IN URBAN/BUILT-UP AREAS, USE SHOULD BE MADE OF UNBROKEN SEPARATION LINES TO PROHIBIT OVERTAKING UNLESS THERE IS LIMITED PROPERTY ACCESS OR ACCESS TO/FROM PROPERTIES IS PLANNED TO BE PROHIBITED IN THE FUTURE. FOR CONVERSION OF EXISTING DOUBLE TWO WAY BARRIER LINES TO UNBROKEN SEPARATION LINES REFER TO DRAWING No. 200631-0038.

AMENDMENTS		
No.	DESCRIPTION	APPROVED & DATE
1.	NOTES, PATHWAYS AND LANE LINES AMENDED. EDGE, CONTINUITY, TURN AND OUTLINE MARKING LINE WIDTHS REDUCED FROM 150mm TO 120mm.	R.GROVE 28.11.00
2.	AMENDMENTS TO TITLE BLOCK, HOLDING LINE FOR PATHWAYS, MEDIAN AND CHEVRON MARKING REMOVED.	R.GROVE 18.06.03
3.	NOTES 7 & 8 AMENDED. NOTE 9, UNBROKEN SEPARATION LINES & EXIT LINES ADDED.	D.LANDMARK 19.9.06
4.	NOTE 8 AMENDED.	R.GROVE 14.11.06
5.	"OUTLINE MARKINGS" INCORPORATED INTO "EDGE LINES". USAGE OF EDGE LINES ADDED. PATTERN FOR ITEM 2.3 "GUIDE LINES" CHANGED. TERMINOLOGY FOR "BROKEN SEPARATION LINES" CHANGED.	D.LANDMARK 19.9.06
6.	WIDTH OF PATHWAY STOP LINE AMENDED. EDGE LINE FOR PATHWAY ADDED.	D.LANDMARK 03.11.08
7.	UNBROKEN SEPARATION LINES CHANGED TO SINGLE AND ADDED TO BARRIER LINES, EXIT LINES REMOVED & SPECIAL PURPOSE ADDED TO LANE LINES.	R.KOORENGEVEL 16.11.10
8.	ITEM 1.2a AMENDED, ITEM 1.4b AUDIO TACTILE DRG REFERENCE NO'S AMENDED.	R.KOORENGEVEL 16.04.13
9.	ITEM 1.3c AND NOTE 8 AMENDED.	R.K. 8.01.14
10.	LINE WIDTHS AMENDED TO 100mm AT ITEM 1.6.	R.KOORENGEVEL 16.7.14
11.	ROE HWY ADDED TO NOTE 8.	R.K. 19.02.15
12.	ITEMS 1.2(a) & 1.3(c) AMENDED, BARRIER LINE TABLE ADDED.	R.K. 03.05.16
13.	ITEM 2.3(a) AMENDED.	R.K. 10.01.17
14.	ITEM 2.1 & 2.2 USAGE NOTE ADDED.	E. ROSE 05.08.21
15.	ITEM 1.6 LINE TYPE (c) ADDED, NOTE 2 REMOVED. LENGTH OF BARRIER LINE TABLE AMENDED, TITLE BLOCK UPDATED. ITEM 1.7 ADDED.	

NOTES

POSTED SPEED (km/h)	LENGTH OF BARRIER LINE (L)	
	MINIMUM (m)	DESIRABLE (m)
60	96	132
70	108	156
80	120	180
90	132	204
100	144	228
110	168 *	252 *

* FOR ROAD TRAIN ROUTES USE 300m. (ROAD TRAIN DEFINED AS ANY COMBINATION IN LENGTH > 30m).

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VERIFIED	K. TURNER	29.10.99
APPROVED	R. GROVE	29.10.99
FILE NO.	67-08-4H	

**STANDARD DRAWING
PAVEMENT MARKING
LINE TYPES**

MRWA DRAWING NUMBER **9931-0198-15** AMENDMENT

NOT TO SCALE

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