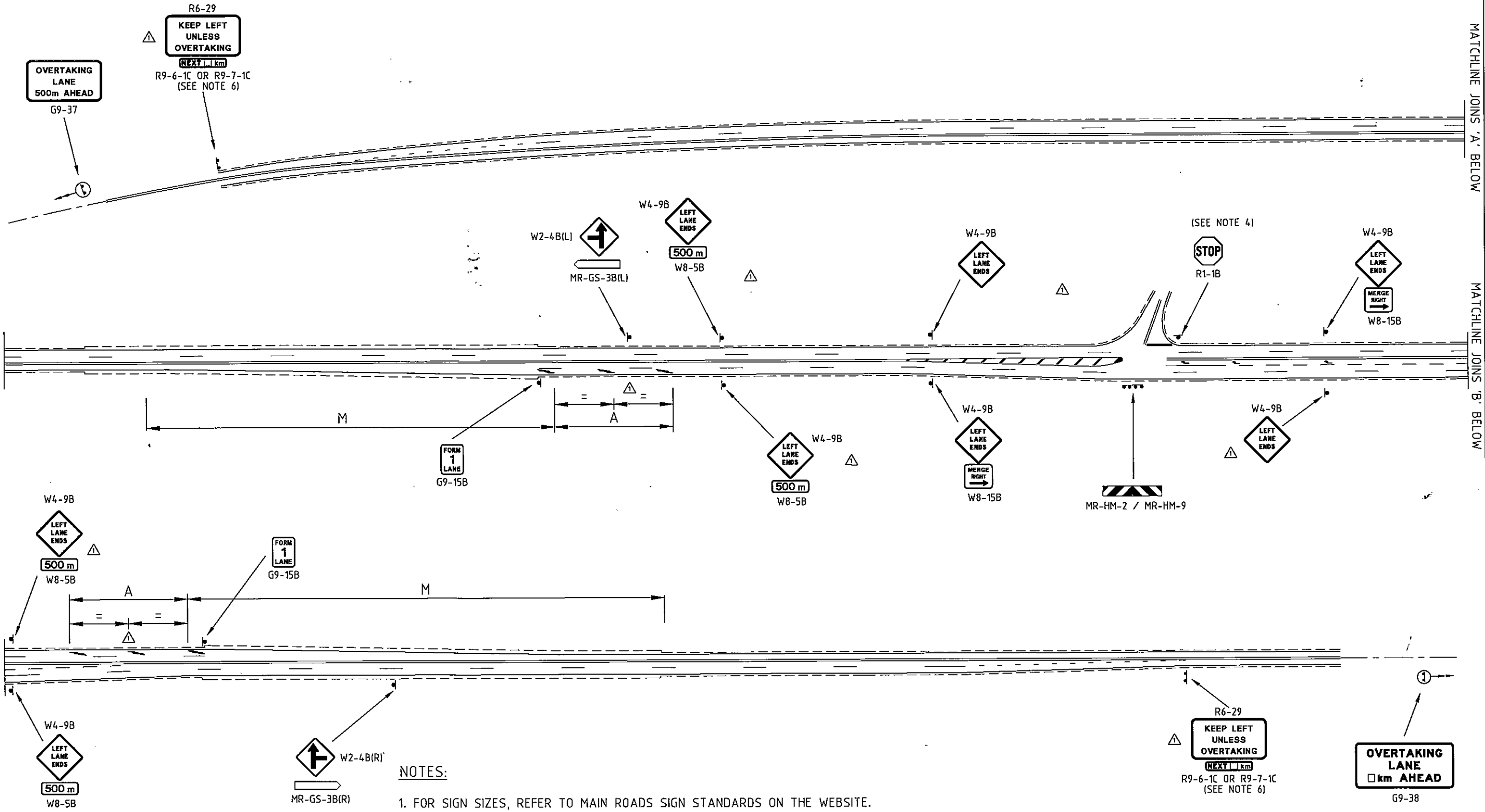

V_{85} km/h	A m	C m	M m	LENGTH OF BARRIER LINE (L) MIN (m)	DESIRABLE (m)
60	80–120	30	100	96	120
70	80–120	30	115	108	144
80	120–180	60	130	120	168
90	120–180	60	145	132	192
100	180–250	100	160	144	216
110	180–250	100	175	168*	240*

* FOR ROAD TRAIN ROUTES USE MINIMUM 300m

NOTES:

1. FOR SIGN SIZES, REFER TO MAIN ROADS SIGN STANDARDS ON THE WEBSITE.
2. TYPE OF INTERSECTION CONTROL TO BE DETERMINED ON A CASE BY CASE BASIS.
3. ⚠ FOR DIMENSIONS OF MERGE PAVEMENT ARROWS REFER TO AS 1742.2. MERGE ARROWS ARE OPTIONAL BUT SHOULD BE USED WHERE DRIVERS HAVE DIFFICULTY ANTICIPATING THE MERGE AHEAD, e.g. BECAUSE IT IS PARTIALLY HIDDEN BY A BREST OR AROUND A CURVE, OR BY OTHER TRAFFIC.
4. "STOP" CONTROL IS REQUIRED EVEN IF SIGHT DISTANCE IS GOOD.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH DWG. No. 200631-0039.
6. FOR OVERTAKING LANES < 950m USE R9-6-1C. FOR OVERTAKING LANES ≥ 950m USE R9-7-1C.

THIS DRAWING ILLUSTRATES A PASSING LANE INCORPORATING AN INTERSECTION. IT IS PREFERABLE THAT INTERSECTIONS ARE NOT CONTAINED WITHIN OR ADJACENT TO PASSING LANES.

IN CONSTRAINED SITUATIONS IT MAY BE ACCEPTABLE FOR A PASSING LANE TO INCORPORATE AN INTERSECTION. GUIDELINE DRAWINGS 200331-0146 TO 0149 PROVIDE SOME EXAMPLES OF HOW AN INTERSECTION CAN BE INCORPORATED.

ALL UNITS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

No.	DESCRIPTION	APPROVED & DATE
2	TABLE AMENDED.	
1	LEFT LANE ENDS AND MERGE RIGHT SIGNS DOUBLED-UP. MATCHLINES ADDED. MERGE ARROW LINE MARKINGS ADDED. SIGNS R9-6-1C OR R9-7-1C ADDED. NOTE 6 ADDED.	D. LANDMAN 4.11.09

AMENDMENTS

No.	DESCRIPTION	APPROVED & DATE

AMENDMENTS

Government of Western Australia
MAIN ROADS Western Australia
TECHNOLOGY AND ENVIRONMENT DIRECTORATE
ROAD AND TRAFFIC ENGINEERING BRANCH
Waterloo Crescent East Perth 6004
Telephone (08) 9323 4111 Fax (08) 9323 4449

EXAMPLE PASSING LANE

RIGHT TURN POCKET WITHIN PASSING LANE

DESIGNED	C. BISS	VERIFIED	J. KARPINSKI 9/11/04
DRAWN	C. BISS	APPROVED	D. SULLIVAN 9/11/04
DRAWING TYPE	9906 9900	FILE NUMBER	67-08-62
DRAWING NUMBER	200331-0146-2	AMEND.	

SCALE NOT TO SCALE
MICROFILM DATE
A3