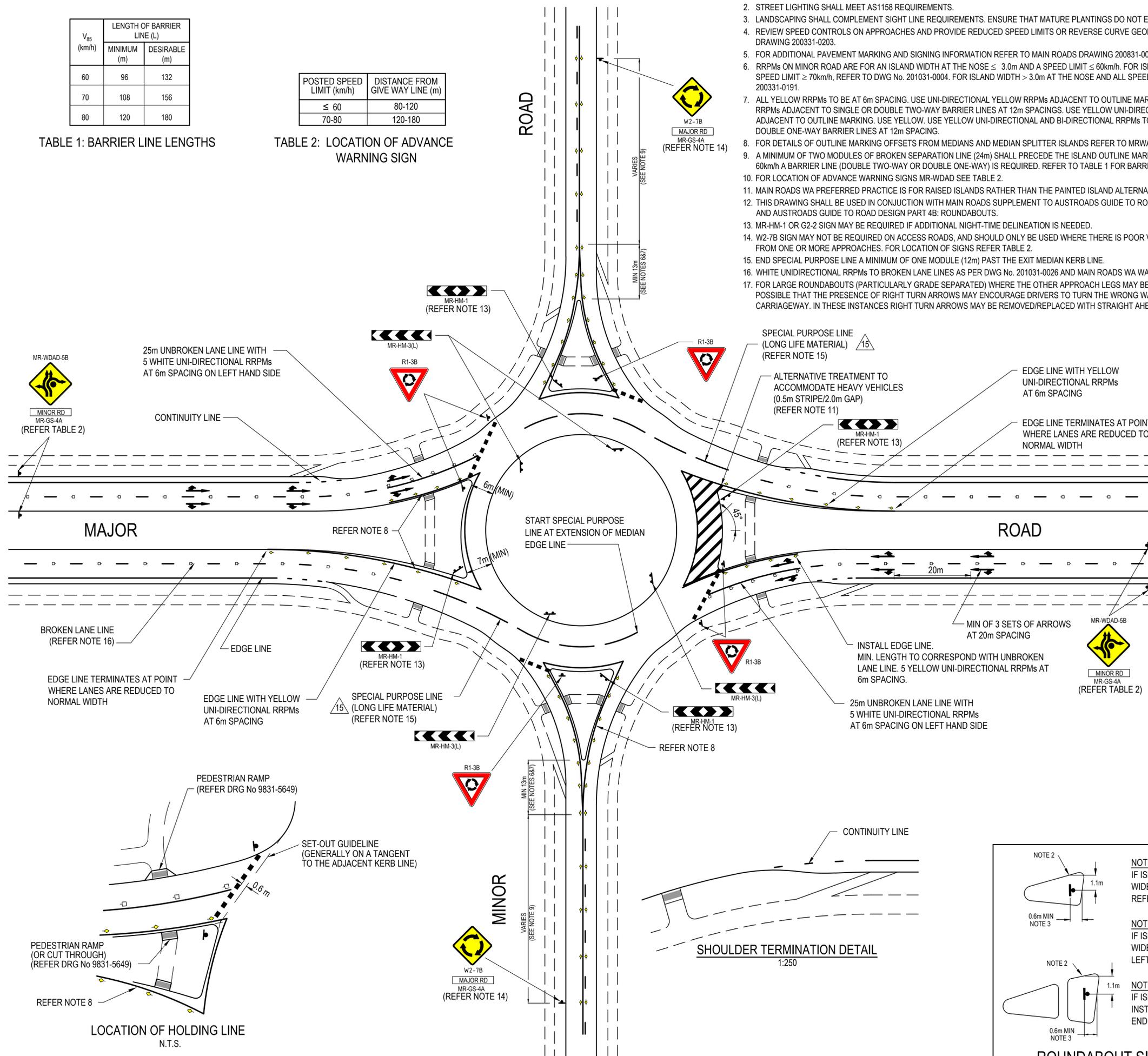


V ₈₅ (km/h)	LENGTH OF BARRIER LINE (L)	
	MINIMUM (m)	DESIRABLE (m)
60	96	132
70	108	156
80	120	180

TABLE 1: BARRIER LINE LENGTHS

POSTED SPEED LIMIT (km/h)	DISTANCE FROM GIVE WAY LINE (m)
≤ 60	80-120
70-80	120-180

TABLE 2: LOCATION OF ADVANCE WARNING SIGN



NOTES:

- DIMENSION ALL SIGN LOCATIONS AND PAVEMENT MARKINGS FROM KNOWN POINTS, SUCH AS MEDIAN NOSES.
- STREET LIGHTING SHALL MEET AS1158 REQUIREMENTS.
- LANDSCAPING SHALL COMPLEMENT SIGHT LINE REQUIREMENTS. ENSURE THAT MATURE PLANTINGS DO NOT EXCEED 600mm IN HEIGHT.
- REVIEW SPEED CONTROLS ON APPROACHES AND PROVIDE REDUCED SPEED LIMITS OR REVERSE CURVE GEOMETRY IF REQUIRED. REFER TO DRAWING 200331-0203.
- FOR ADDITIONAL PAVEMENT MARKING AND SIGNING INFORMATION REFER TO MAIN ROADS DRAWING 200831-0016.
- RRPMs ON MINOR ROAD ARE FOR AN ISLAND WIDTH AT THE NOSE ≤ 3.0m AND A SPEED LIMIT ≤ 60km/h. FOR ISLAND WIDTH ≤ 3.0m AT THE NOSE AND SPEED LIMIT ≥ 70km/h, REFER TO DWG No. 201031-0004. FOR ISLAND WIDTH > 3.0m AT THE NOSE AND ALL SPEED LIMITS REFER TO DWG No. 200331-0191.
- ALL YELLOW RRPMS TO BE AT 6m SPACING. USE UNI-DIRECTIONAL YELLOW RRPMS ADJACENT TO OUTLINE MARKINGS. USE BI-DIRECTIONAL YELLOW RRPMS ADJACENT TO SINGLE OR DOUBLE TWO-WAY BARRIER LINES AT 12m SPACINGS. USE YELLOW UNI-DIRECTIONAL RRPMS AT 6m SPACING ADJACENT TO OUTLINE MARKING. USE YELLOW UNI-DIRECTIONAL AND BI-DIRECTIONAL RRPMS TO SINGLE, DOUBLE TWO-WAY, AND DOUBLE ONE-WAY BARRIER LINES AT 12m SPACING.
- FOR DETAILS OF OUTLINE MARKING OFFSETS FROM MEDIANS AND MEDIAN SPLITTER ISLANDS REFER TO MRWA PAVEMENT MARKING GUIDELINES.
- A MINIMUM OF TWO MODULES OF BROKEN SEPARATION LINE (24m) SHALL PRECEDE THE ISLAND OUTLINE MARKINGS. FOR POSTED SPEED LIMITS ≥ 60km/h A BARRIER LINE (DOUBLE TWO-WAY OR DOUBLE ONE-WAY) IS REQUIRED. REFER TO TABLE 1 FOR BARRIER LENGTHS.
- FOR LOCATION OF ADVANCE WARNING SIGNS MR-WDAD SEE TABLE 2.
- MAIN ROADS WA PREFERRED PRACTICE IS FOR RAISED ISLANDS RATHER THAN THE PAINTED ISLAND ALTERNATIVE TREATMENT SHOWN.
- THIS DRAWING SHALL BE USED IN CONJUNCTION WITH MAIN ROADS SUPPLEMENT TO AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS AND AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS.
- MR-HM-1 OR G2-2 SIGN MAY BE REQUIRED IF ADDITIONAL NIGHT-TIME DELINEATION IS NEEDED.
- W2-7B SIGN MAY NOT BE REQUIRED ON ACCESS ROADS, AND SHOULD ONLY BE USED WHERE THERE IS POOR VISIBILITY TO THE ROUNDABOUT FROM ONE OR MORE APPROACHES. FOR LOCATION OF SIGNS REFER TABLE 2.
- END SPECIAL PURPOSE LINE A MINIMUM OF ONE MODULE (12m) PAST THE EXIT MEDIAN KERB LINE.
- WHITE UNIDIRECTIONAL RRPMS TO BROKEN LANE LINES AS PER DWG No. 201031-0026 AND MAIN ROADS WA WARRANTS.
- FOR LARGE ROUNDABOUTS (PARTICULARLY GRADE SEPARATED) WHERE THE OTHER APPROACH LEGS MAY BE DIFFICULT TO SEE, IT MAY BE POSSIBLE THAT THE PRESENCE OF RIGHT TURN ARROWS MAY ENCOURAGE DRIVERS TO TURN THE WRONG WAY INTO THE CIRCULATORY CARRIAGEWAY. IN THESE INSTANCES RIGHT TURN ARROWS MAY BE REMOVED/REPLACED WITH STRAIGHT AHEAD ARROWS.

AMENDMENTS

No.	DESCRIPTION	APPROVED & DATE
12	ADDITION OF SEPARATION LINE TO HOLDING LINE EXCEPT NOTES 4 & 5 AMENDED.	D. NICHOLLS 16.05.18
13	MR-HM-1 & MR-HM-3 SIGNS UPDATED. NOTES 4, 9, 11, & 12, TABLE 1, MISC. DRAWING NOTES & TITLE BLOCK AMENDED. NOTES 13 TO 17, & W2-7B SIGN ADDED. R. KOORENGEVEL 16/4/21	C.M. 5/7/23
14	TITLE BLOCK AND REFERENCES UPDATED.	A. Sommer 22/11/2023
15	REQUIREMENT FOR SPECIAL PURPOSE LINE TO BE LONG LIFE MATERIAL ADDED.	

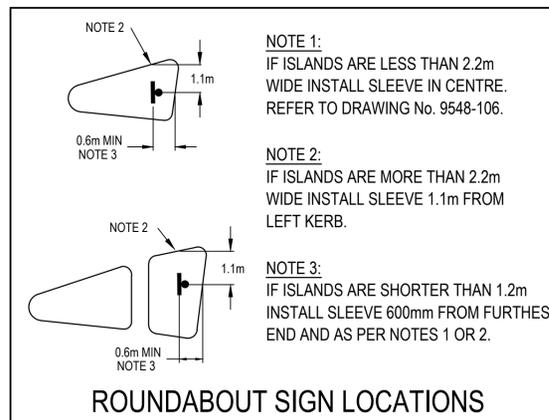
NOTES

PLANNING AND TECHNICAL SERVICES DIRECTORATE
ROAD AND TRAFFIC ENGINEERING BRANCH
WATERLOO CRESCENT Telephone 138 138 EAST PERTH 6004

DRAWN	D. NICHOLLS
DESIGNED	D. NICHOLLS
VERIFIED	B. SNOOK 12/8/05
APPROVED	R. GROVE 15/8/05
FILE NO.	13/4331

GUIDELINE DRAWING
DESIGN GUIDELINES
DUAL LANE AND SINGLE LANE APPROACH

MRWA DRAWING NUMBER
200331-0198-15



ROUNDABOUT SIGN LOCATIONS

SCALES 1:500 A 1