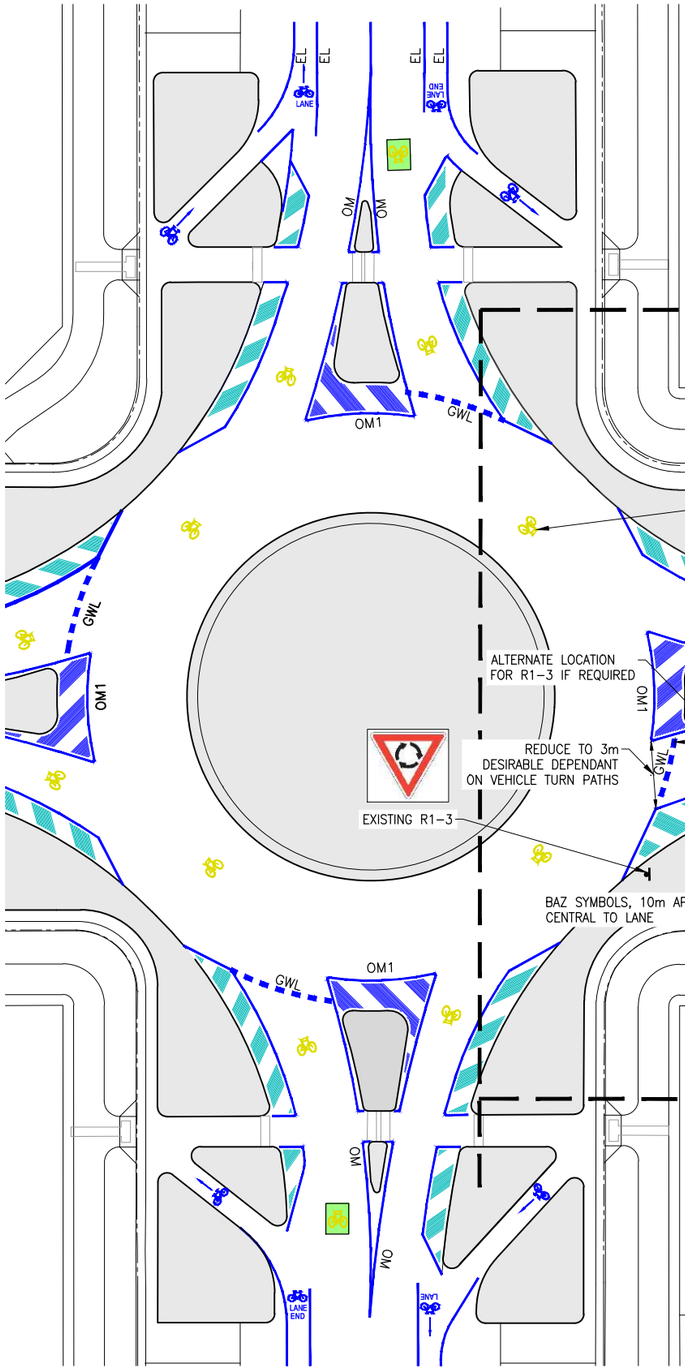
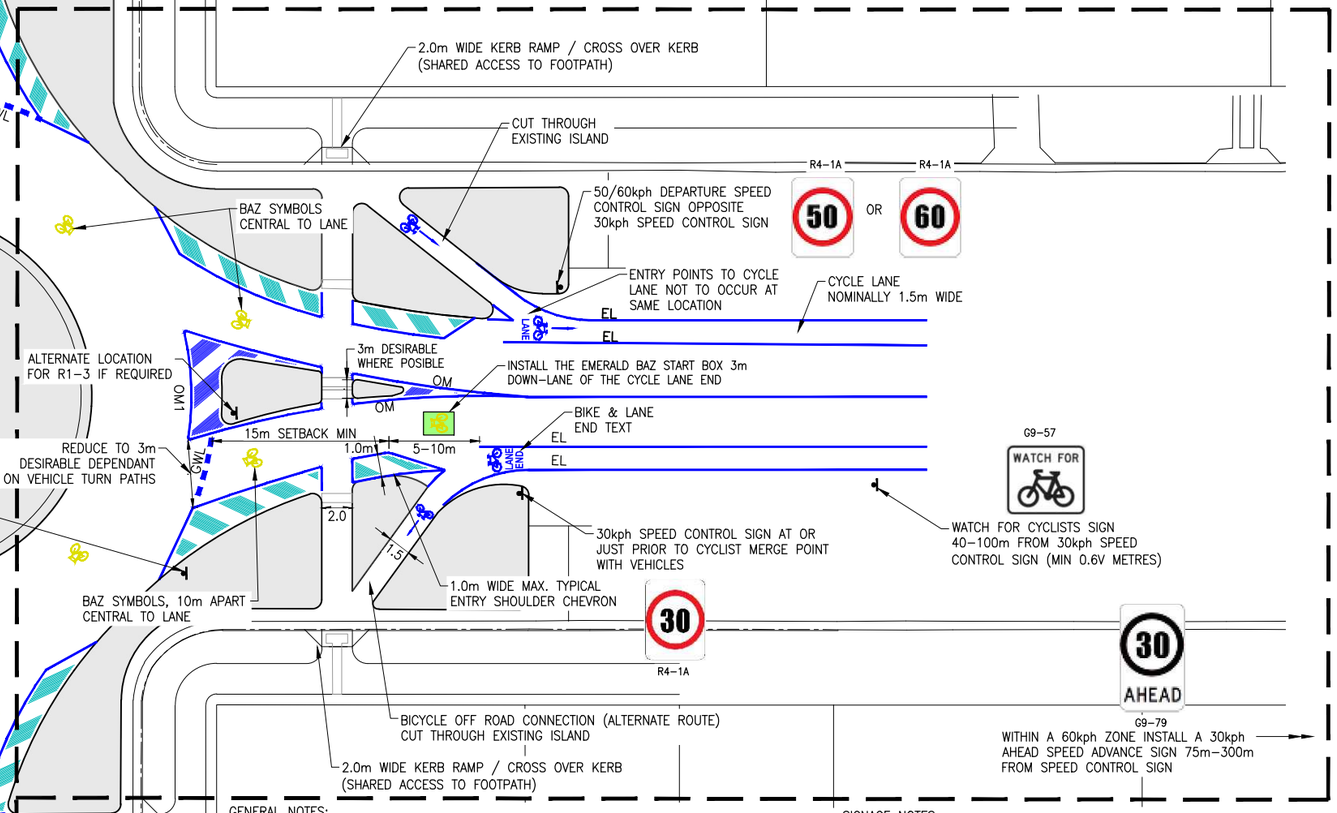


TYPICAL PAVEMENT MARKINGS AND SIGNAGE ONLY

SIGN APPROACH TYPICAL LAYOUT SEQUENCE

N.T.S.

TYPICAL APPROACH AND DEPARTURE TREATMENT



GENERAL NOTES:

1. SITE SPECIFIC PLANS TO BE PREPARED & CONFIRMED BY COMPETENT COUNCIL OFFICER.
2. OFF-ROAD ALTERNATIVE PATH OPTIONS ARE REQUIRED TO BE INSTALLED AT ALL SINGLE LANE ROUNDABOUTS WITH TRAFFIC VOLUMES EXCEEDING 600 VPH ON ANY LEG.
3. OFF ROAD ALTERNATE PATHS SHOULD BE CONSIDERED WHERE:
   - TRAFFIC VOLUMES EXCEED 450 VPH ON ANY LEG
   - ANY LEG OF THE ROUNDABOUT EXCEEDS TYPICAL HEAVY VEHICLE USAGE (5%), OR
   - THE ROUNDABOUT IS WITHIN CLOSE PROXIMITY TO A SIGNIFICANT DESTINATION, SUCH AS A SCHOOL, MAJOR SHOPPING CENTRE, SPORTING OR ENTERTAINMENT FACILITY
4. APPLY SPEED CUSHIONS JUST PRIOR TO CYCLE MERGE LOCATIONS AND ONLY IN CONJUNCTION WITH AN ADJACENT BLISTER ISLAND OR SAFEROADS SEPARATOR WHERE ADEQUATE SPEED ENVIRONMENT CONTROLS CANNOT OTHERWISE BE APPLIED.
5. WHERE POSSIBLE ENSURE THE ENTRY TANGENT EXTENSION LINE STRIKES THE CENTRE ISLAND HELPING TO CREATE A COMPACT ROUNDABOUT.
6. AUDIO TACTILE CHEVRON "RUMBLE" TREATMENT TO BE CONFIRMED.
7. ALL PAVEMENT SYMBOLS, INCLUDING CYCLE SYMBOLS, SHALL BE INSTALLED USING COLD APPLIED PLASTIC (SLOW CURE 2-PART EPOXY PAVEMENT MARKING) IN ACCORDANCE WITH TMR TECHNICAL SPECIFICATION MRTS45 ROAD SURFACE DELINEATION.

SIGNAGE NOTES:

1. ALL SIGNAGE TO COMPLY WITH AS1742.2
   GUIDANCE PROVIDED IS FOR CRC'S PREFERRED PLACEMENT AND HEIGHT.
2. SIGNS TO BE 5m MAX FROM EDGE OF TRAFFIC LANE.
3. SIGNS BEHIND KERBS TO BE NOT LESS THAN 0.3m BEHIND KERB.
4. DISTANCE BETWEEN SIGNS NOT TO BE LESS THAN 0.6V METERS.
   WHERE V IS POSTED SPEED LIMIT IN Km/h
5. ALL SIGN HEIGHTS MEASURED TO BOTTOM OF LOWEST SIGN FACE.

TRAFFIC ISLANDS:

1. ALL TRAFFIC ISLANDS TO BE CONSTRUCTED AS PER FNQROC STD DRG S4110.
2. ALL KERB ON ISLANDS FACING TRAFFIC TO BE PAINTED RETROFLECTIVE WHITE.
3. ALL CONCRETE TRAFFIC ISLAND TOP SURFACES ARE TO BE COLOURED "TERRACOTTA". USE OF COLOURED CONCRETE MIX IS PREFERRED TO REDUCE MAINTENANCE USING CCS COLOUR "TERRACOTTA" OR APPROVED EQUIVALENT. COLOUR PIGMENT IS TO BE APPLIED AT 5% OF THE WEIGHT OF CEMENT IN CONCRETE MIX. SMALLER PROJECTS, WHERE CONCRETE QUANTITIES ARE EXPECTED TO BE LESS THAN 3 CUBIC METRES IN TOTAL IN TRAFFIC ISLANDS, MAY USE 'TERRACOTTA' COLOURED PAINT TO THE FINISHED SURFACE TO ACHIEVE DESIRED FINISH.

PAVEMENT MARKING LEGEND

EDGE LINE	EL	100mm
OUTLINE MARKING	OM1	150mm
GIVE WAY LINE	GWL	600mm STRIPE & GAP, 300mm
BICYCLE PAVEMENT SYMBOL		REFER MUTCD PART 9 FIGURE 2.2 FOR DIMENSIONS. ARROWS 1.5m LONG
YELLOW BAZ PAVEMENT SYMBOL		REFER MUTCD PART 9 FIGURE 2.2 FOR DIMENSIONS.
YELLOW BAZ PAVEMENT SYMBOL IN GREEN CYCLE PAINT BOX		1.5m, 2.0m — EMERALD GREEN PAINT AS PER MUTCD PART 9 CLAUSE 1.6

ALL PAVEMENT MARKINGS TO BE INSTALLED WITH A HIGH SKID RESISTANCE MATERIAL (E.G. CALCINE BAUXITE)

RETRO-REFLECTIVE RAISED PAVEMENT MARKER (RRPM's) DETAILS

LEGEND

- UNIDIRECTIONAL RRPM, RED
- UNIDIRECTIONAL RRPM, WHITE
- BIDIRECTIONAL RRPM, YELLOW

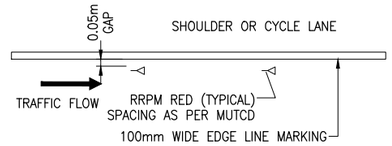
RRPM SPACING

RADIUS	SPACING (N)
>400m	24m
≤400m	12m

NOTES

1. FOR RRPM'S ADJACENT SOLID LINES, LATERAL SPACING BETWEEN EDGE OF LINE AND EDGE OF RRPM MUST BE IN RANGE 25MM(MIN) TO 50MM(MAX).
2. SPACINGS SHOWN ARE MAXIMUM ONLY AND MAY BE ADJUSTED TO ALLOW EVEN GAPS BETWEEN RRPM'S.
3. REDUCE SPACING AS NECESSARY TO ENSURE THAT AT LEAST TWO CONSECUTIVE RRPM'S REMAIN IN DRIVERS' VIEW.

TYPICAL LINEMARKING DETAILS



EDGE LINE DETAIL

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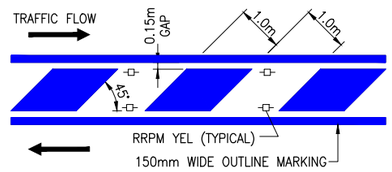

CHEVRON DETAIL

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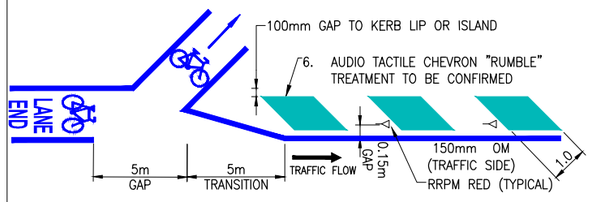

TYPICAL ENTRY SHOULDER CHEVRON DETAIL

N.T.S. – DIMS IN METERS (m)

A	ORIGINAL ISSUE	05/12/23
REVISIONS		DATE

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TYPICAL BICYCLE TREATMENT FOR SINGLE LANE ROUNDABOUTS

Standard Drawing

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