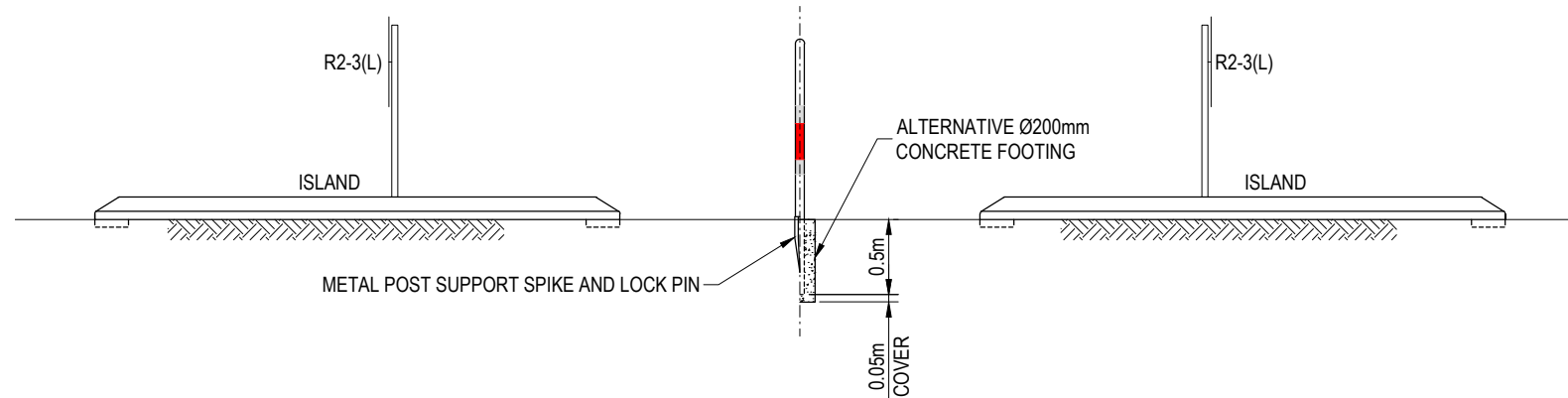
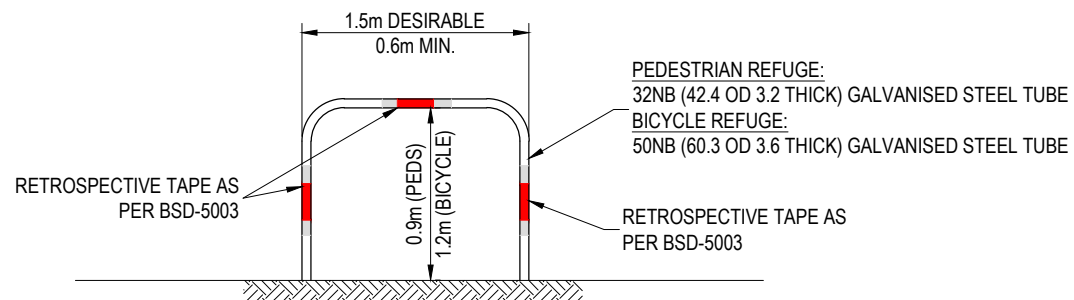


**PLAN - ALTERNATIVE RAIL LOCATION**

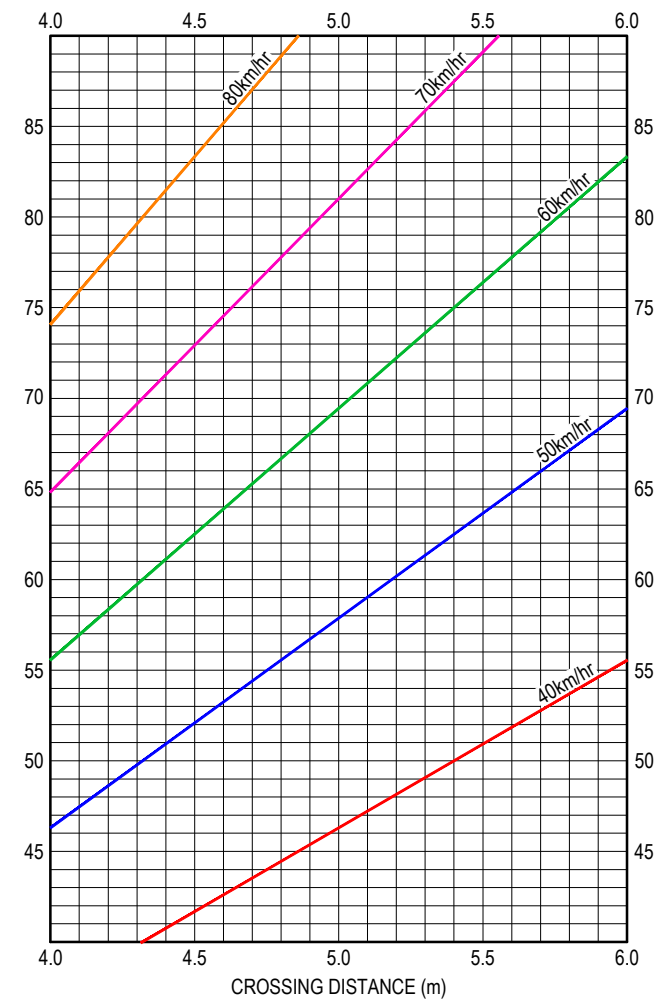
(FOR DESIGN NOTES, CONSTRUCTION NOTES AND LEGEND REFER TO BSD-3201)



**SECTION - ALTERNATIVE RAIL LOCATION**



**ELEVATION**



**CROSSING SIGHT DISTANCE (CSD) FOR PEDESTRIAN REFUGE**

Source: Austroads Guide to Road Design Part 4A: Unsignalised and Signalised Intersections (2017), Section 3.3

$$(CSD = t_c \times (V/3.6))$$


CSD = sight distance required for a pedestrian to safely cross the roadway

$$t_c = \text{critical safe gap (sec)} = (\text{crossing length} / \text{walking speed})$$

Walking speed assumed 1.2m/s

V = 85<sup>th</sup> percentile approach speed (km/h).

THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHALL BE ASSESSED AND ACCEPTED BY A SUITABLY QUALIFIED REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).

	BRISBANE CITY COUNCIL STANDARD DRAWING		PUBLISH DATE	Mar '21
	ROAD NETWORK GUIDELINES PEDESTRIAN REFUGE - SUPPLEMENTARY DETAILS - SHEET 2 OF 2		SCALE	NOT TO SCALE
			DRAWING NUMBER	BSD-5259
	ORIGINAL SIZE	A3	REVISION	B