



ELEMENT	LANE WIDTH (m)	COMMENTS
GENERAL TRAFFIC LANE	3.5	GENERAL TRAFFIC LANE WIDTHS TO BE USED FOR ALL ROADS
	3.0 – 3.4	FOR USE ON LOW SPEED ROADS WITH LOW TRUCK VOLUMES
SERVICE ROAD LANE	4.2	LOCATIONS WHERE THERE ARE HIGH TRUCK VOLUMES (ADDITIONAL WIDTH PROVIDED FOR TRUCKS)
	4.2 – 4.5	LOCATIONS WHERE MOTORISTS AND CYCLISTS USE THE SAME LANE (REFER SECTION 4.8.11 AND COMMENTARY 6 - GUIDE TO ROAD DESIGN PART 3: GEOMETRIC DESIGN)
HOV LANE	3.5 – 4.5	BUS LANE (REFER SECTION 4.9.2- GUIDE TO ROAD DESIGN PART 3: GEOMETRIC DESIGN)
	3.3	TRAM/LIGHT RAIL VEHICLE LANE (REFER SECTION 4.9.3 -GUIDE TO ROAD DESIGN PART 3: GEOMETRIC DESIGN)
MINIMUM WIDTH BETWEEN KERB AND CHANNEL (TO PROVIDE FOR PASSING OF BROKEN DOWN VEHICLES)	5.0 ⁽¹⁾ – 6.5 ⁽²⁾	WIDTH OF A SINGLE LANE SUITABLE FOR USE IN A LEFT TURN SLIP LANE, OR TWO LANE, TWO WAY DIVIDED ROAD WITH A RAISED MEDIAN
	2 × 4.0 (8.0)	WIDTH OF TWO LANES THAT PROVIDE FOR TWO LINES OF TRAFFIC TO (SLOWLY) PASS A BROKEN DOWN VEHICLE.

1) GENERALLY, A MINIMUM WIDTH OF 5.0 M SHOULD BE PROVIDED. HOWEVER, AT THE DISCRETION OF THE ROAD AGENCY A LESSER WIDTH MAY BE CONSIDERED ON URBAN ROADS WHERE THE SITE IS CONSTRAINED AND TRAFFIC USING THE FACILITY IS COMPRISED OF CARS AND SMALL COMMERCIAL VEHICLES, OR WHERE THE LENGTH OF TREATMENT IS SHORT (E.G. CHANNELISED LEFT-TURN ROADWAY).

2) DEPENDING ON THE CLASSIFICATION OF THE ROAD, THE DESIGN VEHICLE TO BE ACCOMMODATED AND SPACE AVAILABLE AT THE SITE, THE ROAD AGENCY MAY CONSIDER THE PROVISION OF A WIDTH UP TO 6.5 M. HOWEVER, WHERE THIS WIDTH IS LIKELY TO RESULT IN OPERATIONAL ISSUES (E.G. TWO LINES OF CARS IN A LEFT-TURN ROADWAY THAT IS INTENDED TO OPERATE AS A SINGLE LANE) MEASURES SHOULD BE UNDERTAKEN TO DELINEATE THE EXPECTED PATH FOR CARS AND OTHER SMALL VEHICLES.

URBAN ARTERIAL ROAD WIDTHS
 (TABLE 4.3 - GUIDE TO ROAD DESIGN PART 3: GEOMETRIC DESIGN)

NOTES :
 1. IF THE LANE WIDTH IS MORE THAN 3.5m, THEN TRAFFIC CALMING MEASURES (SUCH AS MEDIAN ISLANDS) NEED TO BE INSTALLED WHERE APPROPRIATE OR AS DIRECTED BY THE COUNCIL ENGINEER



CONTRACT :	URBAN DEVELOPMENT STANDARD DRAWINGS
PROJECT :	ROAD FORMATION
TITLE :	TYPICAL DETAILS

REV	DATE	ADDENDUM	DRAFTED	CHECKED	APPROVED

	NAME	DATE
SURVEYED		
DESIGNED		
DRAWN	M.F	
CHECKED	C.C, B.T	
APPROVED	J.W	

A3

APPROVED	
SCALE	AS SHOWN
SHEET #	SD20 - 002
DATE	NOV. 2020
PROJ. CODE	

05/11/2020 9:25

GRAPHIC SCALES

ORIGINAL SHEET SIZE [ISO A3]