

Section 8: Road Design and Construction

APPENDIX A: TABLE OF REQUIREMENTS FOR ROADS

TYPE OF ROAD (As described in District Plan)	DESIGN SPEED (KPH)	NUMBER OF TRAFFIC LANES	MINIMUM TRAFFIC LANE WIDTH (METRES)	MINIMUM PARKING LANE WIDTH (METRES)	MINIMUM MEDIAN WIDTH (METRES)	MINIMUM CARRIAGEWAY WIDTH (METRES)	MINIMUM FOOTPATH WIDTH (METRES)	MINIMUM BERM WIDTH (METRES)	MINIMUM RESERVE WIDTH (METRES)
STRATEGIC ROUTE AND REGIONAL ARTERIAL ROAD									
Business	90	4/6	3.2	NA	2.6/4.0	17.0/23.4	3.1	-	25.0/30.0**
Residential	90	4/6	3.2~	NA	2.6/4.0	17.0/23.4	2.3	1.0	25.0/30.0**
DISTRICT ARTERIAL ROAD									
Business	70	2/4	4.0/3.2	2.3/NA	NA/2.6	13.0/17.0	3.5	-	20.0/25.0#
Residential	70	2/4	4.0/3.2	2.0/NA	NA/2.6	12.0/17.0	2.5	1.5	20.0/25.0#
COLLECTOR ROAD									
Business	60	2	4.0	2.5	NA	13.0	2.0	NA	17.0
Residential	60	2	4.0	2.0	NA	12.0	2.5*	NA	17.0
LOCAL ROAD									
Business	50	2	3.2	2.3	NA	10.6	2.0*	NA	15.0
Residential	50	2	2.8	2.0	NA	9.6	1.5	NA	12.0***
Short Cul-de-sac	NA	2	2.8	2.0	NA	7.6	1.5	NA	10.0
Service Lanes	NA	2	NA	NA	NA	5.5	NA	NA	6.0

KEY: * Reduce by 0.5 m where berms provided between footpath and kerb face.
** 30.0 m for six lane Strategic Routes and Regional Arterials.
*** May be reduced to 10.0 m in localised areas.
25.0 m for four lane District Arterial
~ 3.3 m in industrial areas.

NOTE: Where required, the design carriageway widths shall incorporate a widened kerbside lane to accommodate cycle traffic. This lane shall have a minimum width of 4.0 m.