



STANDARD ROAD WIDTHS / TYPICAL CROSS SECTION BY ONRC

ONRC - Access (low volume) to Arterial Roads - Urban Roads													
Road Classification (ONRC Rating)	Suggested Classification / Adjacent Land Use	Daily Traffic (AADT)	Speed Environment	Minimum Required Total seal width (m)	Lane Width (m)	Central Median (m)	Sealed Shoulder (m)	Parking (m)	Cycle On-road or Off-road /Shared	Footpath/ Shared Cyclepath	Service Corridor (m)	Minimum Corridor width (m)	NOTES
URBAN													
Access Low Volume <200 AADT	Access Low Volume - Residential	<200 AADT	40 kph	6.0	2 x 3.0			On-Street	On-Road	1 x 1.8m	1.5	18.0	
Access 200 AADT - 1000 AADT	Access - Residential	>200 AADT	40 kph	7.0	2 x 3.0		0.5	On-Street	On-Road	2 x 1.8m	1.5	20.0	
Access 200 AADT - 1000 AADT	Access - Industrial / Commercial*	>200 AADT	40 kph	7.0	2 x 3.0		0.5	On-Street	On-Road	2 x 1.8m	1.5	20.0	Street lights located at boundary
Secondary Collector 1000 AADT - 3000 AADT	Secondary Collector - Residential	>1000 AADT	50 kph	11.0	2 x 3.5		2.0	2 x 2.0	Shared	1 x 1.8m + 1 x 3.0m	2.0	20.0	
Secondary Collector 1000 AADT - 3000 AADT	Secondary Collector - Industrial / Commercial*	>1000 AADT	50 kph	11.0	2 x 3.5		2.0	2 x 2.0	Shared	1 x 1.8m + 1 x 3.0m	2.0	20.0	Street lights located at boundary
Primary Collector 3000 AADT - 5000 AADT	Primary Collector - Residential	>3000 AADT	50 kph	14.2	2 x 3.5	2.2m wide Flush	2.5	2 x 2.5	Shared	1 x 1.8m + 1 x 3.0m	2.0	22.0	
Primary Collector 3000 AADT - 5000 AADT	Primary Collector - Industrial / Commercial*	>3000 AADT	50 kph	14.2	2 x 3.5	2.2m wide Flush	2.5	2 x 2.5	Shared	1 x 1.8m + 1 x 3.0m	2.0	22.0	Street lights located at boundary
Arterial 5000 AADT - 15000 AADT	Arterial	>5000 AADT	Specific Design		4 x 3.5 or 2 x 3.5	2.5m Raised or flush	Specific Design	Specific Design	Shared	Shared	Specific Design	Specific Design	
		* Manouevring Space for Trucks required within Lots								NZTA min. footpath requirement 1.8m			