

APPENDIX 3

ROAD CLASSIFICATIONS

AND

DESIGN GUIDELINE TABLE

APPENDIX 3 Perth Official Plan
ROAD DESIGN GUIDELINE TABLE

Legend:

Maroon Text	MMAH Alternative Development Standards guide
Red Text	TAC Table 2.2.2.1
Blue Text	TAC Table 1.3.4.2
Green Text	Perth Secondary Plan
Purple Text	Existing Official Plan
Black Text	Updated Town standard

	Public and Private Laneways (Residential Commercial)	Local	2 Lane Collector (with median)	3 Lane Collector (no median)	2 Lane Collector Parking on one side)	Arterial
Traffic Service Function	Traffic Movement not a consideration	Traffic movement secondary consideration	Traffic movement and land access of equal importance			Traffic movement major consideration
Land Service / Access	land access only	Land access primary function	Traffic movement and land access of equal importance			Some access control
Traffic Volume (typical vehicles per day)	< 500 (Res) <1000 (Com)	<1000 (Res) <3000 (Com)	<8000 (Res) 1000-12000 (Industrial/Commercial)			5000 - 20000

	Public and Private Laneways	Local	Collectors	Arterial
Flow Characteristics	Interrupted flow	Interrupted flow	Interrupted flow	Uninterrupted Flow
Design Speed (km/h)	30-40	30-50	50 - 60	50 - 70
Average Running Speeds (km/hr)	20-30	20-40	30 - 70	40 - 60
Vehicle Type	Passenger and service, all types	Passenger and service all types of vehicles	Passenger and service vehicles, all types of industrial and commercial vehicles	All types
Desirable Connections	Public lanes, locals	Public lanes, locals, collectors	locals, collectors, arterials	Collectors, arterials
Transit Service	no t permitted	generally avoided	Permitted	Express and local busses permitted
Accommodation of Pedestrians	Pedestrians permitted, no special facilities	Sidewalks	Sidewalks	Sidewalks
Parking Restrictions (Typically)	Some restrictions	No restrictions or restrictions on one-side only	Few restrictions other than peak hour	No on-street parking
Minimum Intersection Spacing (m)	As needed	60	60	200

	Public and Private Laneways	Local	2 Lane Collector +median	3 Lane Collector no median	2 Lane Collector Parking one side	Arterial
Right-of-way widths (m) (typically)	6	18.5	26	20 - 26	20 - 26	26 - 30
Right-of-way widths at Intersections (m) (typically)	10	22-26	26	26	26	30 - 35
Lane Width (m)	2-2.75	3.0 (4.25 no parking)	4.5	3.5 (4.5 - shared bike lane each side)	4.5 - shared bike lane each side	3.7 - separate bike lane each side
Parking Width (m)		2.5			2.5	
Bicycle Lane (m)			1.5	Shared bike lane each side	Shared bike lane each side	1.5
Median (m)			3.5 (min)			
Verge (m)		3.5	3.75	5.26	5.75	
Sidewalk (m)		1.5	1.5	1.5	1.5	1.5 - 2
Lanes		2	2	3	2	2 - 4
Comment		Minimum asphalt width 8.5 m (parking one side)	6 m Minimum curb to curb with median (to permit passing of stopped vehicles)	Anticipate 3 lanes to provide for turning movements, Wilson, Drummond and commercial, access entrances	Typical collector through residential	