

The Streets Where We Live

NSW Government, 1984

Chris Stapleton spent the best part of 4 years in the early 80's researching the facets for the design of residential streets concluding with a suite of geometric designs for residential streets. The guidelines "The Streets Where We Live" were adopted in NSW, (Unlike the contemporary UK Code (Bulletin 32) SWWL did not have political interference). The conclusions were based on design algorithms for pedestrian safety, limited conflicts between pedestrians (children in particular) and traffic, parking practices, manoeuvrability and operating speed; 7m not 8m; 5.5m not 6m; subtleties around 9m and 10m and 3.5m. Nearly all new streets in Australia are now designed along these lines (Some Councils are still working on unsustainable practices!).

Experience expanded to main streets and integrated arterial roads.
Our recent work in the UAE based on SWWL and earlier on LATM.



3.5m Bligh Park



Glenmore Park 5.5m



Glenmore Park 7.2m



Warnervale 10.4m trees in parking lane

SELECTION OF STREET DESIGNS BASED ON A LOGIC OF PEDESTRIAN PERMEABILITY.

ENVIRONMENTS		Max Daily Traffic	Target Speed	Width for traffic		Width for Parking		Width for bikes		Median (Min)
		vpd	km/h	one	two	one	two	one	two	m
			[1]	m	m	m	m	m	m	m
LOCAL STREET - FULL PEDESTRIAN PERMEABILITY										
L1	3.5m Local Street	1000	35	3.5	0	0	0	0	0	0
L2	5.5m Local Street	1000	35	3.4	0	2.1	0	0	0	0
L3	7.2m Local Street	3500/1000	35	2.55	2.55	2.1	0	0	0	0
L4	10.4 Local Connector	7000	35	2.6	2.6	2.6	2.6	0	0	2
NEIGHBOURHOOD STREET - CHILD PERMEABILITY										
N1	9.5m Neighbourhood Street	4000/7000	40	2.5	2.8	2.1	2.1	0	0	0
N2	10.4 Traditional Residential Street	4000/6500	40	3.1	3.1	2.1	2.1	0	0	0
N3	12.6 Neighbourhood Connector	6000	45	2.9	2.9	2	2	1.4	1.4	0
N4	12.6 Neighbourhood Boulevard	9000/11000	45	2.9	2.9	2	2	1.4	1.4	3.1
MAIN STREET - PARENT PERMEABILITY										
M1	10.0m Main Street Integrator	7500	35	2.9	2.9	2.1	2.1			
M2	12.6m Main Street Integrator	11000	45	2.9	2.9	2	2	1.4	1.4	3.1
M3	14.6m Special Main Street Integrator	21000	25	3	3	2	2	2.3	2.3	3.1
M4	Two lane Main Street									



Sanctuary Dr, Beaumont Hills



Macquarie St, Dubbo (with narrow median)