

## Appendix A - Comparison of Bicycle and Vehicular Lane Widths

Municipality/ Source	Lane Type	Bike Lane Width	Motor Vehicle Lane Width	Shared Lane Width	Comments
Saskatoon, SK	On-road Bike Lane	1.5-2.0m 2.0-2.5m	3.0-3.7m		AADT/Lane <6000 AADT/Lane >6000 or > 10% trucks
	Shared Travel Lane			Std auto lane Std auto lane - 4.3m Std auto lane - 4.5m Std auto lane - 4.8m Route avoided	0-1000 AADT/Lane 1000-2000 2000-4000 4000-6000 > 6000
	Shared Parking Lane		3.0-3.7m	4.0-4.5m	Includes 2.4m for parked vehicle
District of Langford, BC	On-road Bike Lane	1.5m 2.0m 2.5m	Minimum 3.6m in all cases		<70 km/h 70-80 km/h or SADT > 5000 >80 km/h or SADT > 10000
Chicago, IL	On-road Bike Lane	1.5-1.7m	3.0-3.4m		Varies depending on street with
San Francisco, CA	On-road Bike Lane	1.5m – 1.8m	3.0m – 3.7m		Parking lanes bet. 2.1m – 2.7m
	Shared Bus Lane			3.7m – 4.3m	Parking lanes bet. 1.2m – 1.5m, with 0.6m buffer between parking lane and cycling lane
	Shared Parking Lane			3.7m – 4.3m	
Vaughan, ON	Paved Shoulder	1.2-1.5m	Std auto lane		0.5-1.0m add. granular shoulder width
	Shared Travel Lane			4.0-5.0m	3.0m for car lane w. edge line and paved shoulder 0.5-1.5m
	On-road Bike Lane	0.75-1.5m	3.5m		0.75m bike lanes need wide curb lanes, rural roads can have paved shoulder lanes instead of bike lane
Portland, OR	On-road Bike Lane	1.4m – 1.5m	3.0m – 3.4m		Bike lane widths preferences when next to curb or parking
	Shared Parking Lane		3.0m	3.7m	2.3m parking, 1.4m for bicycle
US FHWA	On-road Bike Lane	1.2-1.8m			WCL > 4.6m can result in motor vehicles driving side by side.
	Shared Travel Lane			4.2m	
Cambridge, MA	Shared Parking Lane			2.4m	
	On-road Bike Lane	1.5m - 1.8m	3.4m		
Wisconsin Dept. of Transportation	On-Road Bike Lane	1.5m* – 1.8m	3.6m std auto lane		Measured 1.2 from inside of stripe to joint line in gutter pan Parking lane between 2.4m – 3.0m in width
	Shared Parking Lane	1.5m		3.9m – 4.5m	
	Shared Travel Lane		3.0m - 3.3m	4.2m	
Toronto, ON	On-road Bike Lane	1.5m – 1.8m	Std auto lane		Next to curb
	Shared Parking Lane	1.8m – 2.0m	Std auto lane		Next to parking lane
	Shared Travel Lane			3.8m	

Municipality/ Source	Lane Type	Bike Lane Width	Motor Vehicle Lane Width	Shared Lane Width	Comments
Vancouver, BC	On-Road Bike Lane	1.6m			minimum width on arterial streets
	Shared Parking Lane			3.7m	
Seattle, WA	On-road bike Lane	1.2m – 1.5m			1.5m if lane is beside parking
	Shared Travel Lane			4.3m	
Windsor, ON	On-road Bike Lane	1.2-1.8m	3.0-3.5m		4.5m preferred Parking stall width of 2.4m
	Shared Travel Lane			4-5m	
	Shared Parking Lane	1.6m	3.0-3.5m	4m	
New York City, NY	On-road Bike Lane	1.2m			With curb, wider if no curb or gutter or when vehicle speeds > 35mph
	Shared Parking Lane	1.5m		3.7m	
Boston, MA	On-road Bike Lane	1.5m – 1.8m			1.8m when adjacent to parking
	Shared Travel Lane			4.6m	
Arlington County, Virginia	On-road Bike Lane	1.2m			1.5-1.6m if adjacent to curb-side parking
Hamilton, ON	Shared HOV/BUS	4.5m (4.3m min)			<30 km/h & <3000 AADT per lane 3-5000 WCL 30-50 km/h & AADT > 5000 WCL or BL 50-70 km/h or AADT <3000 WCL or BL, > 3000 BL >70km/h & 3-5000 & >5000 BL
	Shared Use Lane	4.0 m parking			
	Wide Curb Lane	4.0 m			
	On-Road Bike Lane	1.5 m (1.2 m)			
Calgary, AB	Shared Travel Lane			4.3-4.6m	Cyclists ride to the right (against curb) Wide curb lanes should be a min. of 4.3 m in width excluding parking.
	Shared HOV/Bike Lane			4.5-4.8m	
	On-road Bike Lane	1.2m – 1.5m			
AASHTO	Shared Travel Lanes			4.2m – 4.5m	With parking allowed but strips or stalls not utilized, 3.3m – 3.6m, if parking volume is high or high turnover, an additional 0.3m – 0.6m is desirable.
	Shared HOV/Bike Lane				
	On Road Bike Lanes	1.2m – 1.5m			
TAC (Urban Supplement)	Shared Travel Lane		3.3m – 3.5m*	4.5m	AADT >15,000 and operating speed of 60 km/h *exclusive of gutter
	Shared HOV/Bike Lane				
	On-road Bike Lane	2.0m - 2.5m			
Velo Quebec	Shared Travel Lane		3.0m –3.5m		3.8m minimum shared bike/parking lane
	Shared HOV/Bike Lane			4.5m	
	On-road Bike Lane	1.5m –1.8m			
Denmark	On-road Bike Lane**	1.5m (1.2m)*	Min. 2.5m – 3.5m i.e. (Middle Speed = 3.0m – 3.25m)		High Speed = 70-80km/h Low Speed = 30-40 km/h Middle Speed = 50-60km/h Very Low Speed = 10-20 km/h * including line **segregated bike lane = 1.7m – 2.2m
	Parking Lane Width			1.8m – 2.5m	
	Shared Travel Lane			4.0m	
AUSTROADS Sydney, Australia	On-Road Bike Lane	1.2m – 3.0m	3.0-3.5m		3.0 metres is desirable if speed limit is in excess of 100 km/h or cyclist demand is heavy Widths of bike facilities vary according to speed limit
	Shared Travel Lane			4.0m – 5.0m	
	Shared Parking Lane	1.2m - 1.7m	2.8m (curb lane)	4.0m – 4.5m	

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Scotland	On-Road Bike Lane	1.5m* – 2.5m			*1.2m limited width may be valuable in specific circumstances where available width is restricted.
	Shared Bus Lane			4.25m – 4.6m	
	Shared Travel Lane			4.25m	
Kamloops, BC	Bike Lanes	1.2m – 1.5m	3.5m		
	Shared Travel Lanes			4.0m – 4.3m	
Kingston, Ontario	Shared Travel Lane			4.2m	Also have a provision for 1.2m paved shoulders
	On-road Bike Lane	1.5m			