

Cycling Towns Program - Wagga Wagga City Council				
Capital Cost Estimate based on each corridor calculation (see worksheets)				
Alignments	Cost Estimate	Cost estimate with 40% Contingency*	Total Length	
North Corridor	2,390,000	3,346,000	7,536	
Forest Hill	1,560,000	2,184,000	11,880	
South	1,150,000	1,610,000	8,674	
Central Route	1,100,000	1,540,000	7,512	
Kapooka	1,270,000	1,778,000	9,439	
Total	7,470,000	10,458,000	45,041	
* 40% contingency has been used as detailed design and site investigations are yet to be completed.				
Design Grant 17/18				
Design Cost (7.5% of Construction cost)	560,250	784,350		
Total Contingency \$	224,100			
		3m wide off road path	36,939	82%
		Road Crossing length	610	1%
		On road seperated path	7,491	17%
	Weeks	Hrs/Week	\$/Hr	Total
Council contribution - 0.5FTE Split between Project Officers	52	17.5	80	\$72,800
			Total Cost of Cycling Towns Application	\$857,150
Construction Grant 18/19 and 19/20 at 50% each				
	5,229,000			
	Weeks	Hrs/Week	\$/Hr	Total
Council contribution - 1 FTE Project Manager per year	52	35.0	120	\$218,400

Table 5.2 North Corridor Route Alignment

Alignment	Facility Type	Direction	Side	Between		Roads Crossed	Distance(m)
Boorooma Street	3m Wide Off-Road Path	North-South	West	Darnell-Smith Drive	&	Olympic Highway Slip Lane Priority Crossing: ● Estella Road ● Avocet Drive	1,378.40 \$ 165,408.00 \$ 6,500.00
Olympic Highway	3m Wide Off-Road Path	Northeast-Southwest	Northwest	Boorooma Street	&	Gardiner Street / Olympic Highway Underpass	n/a 1021.92 \$ 122,630.40
Gardiner Street	Existing Underpass Facility	East-West	n/a	n/a		n/a	25.44 \$ 5,052.80
Gardiner Street	3m Wide Off-Road Path	East-West	South	Gardiner Street / Olympic Highway Underpass	&	Boorooma Street	n/a 468.42 \$ 56,210.40
Boorooma Street	3m Wide Off-Road Path	North-South	West	Gardiner Street	&	Murrumbidgee River	n/a 330.35 \$ 39,642.00
Power Line Corridor	Bridge across Murrumbidgee River	North-South	n/a	Boorooma Street (north bank)	&	Wiradjuri Walking Track (south bank)	n/a 103.1 \$ 1,455,772.00
Power Line Corridor	3m Wide Off-Road Path	North-South	n/a	Wiradjuri Walking Track (south bank)	&	Narrung Street Junction: ● Wiradjuri Walking Track	493.23 \$ 59,187.60 \$ 6,500.00
Narrung Street	3m Wide Off-Road Path	East-West	North	Power Line Corridor	&	Street to boat ramp / Wiradjuri Walking Track / Murrumbidgee River Priority Crossing: ● Unnamed Street ● Street to boat ramp ● Various property driveways (9)	1,222.44 \$ 146,692.80 \$ - \$ 24,750.00
Wiradjuri Walking Track	3m Wide Off-Road Path	North-South	(East of Narrung Street / West of River)	Street to boat ramp / Wiradjuri Walking Track / Murrumbidgee River	&	Tarcutta Street (approx. 60m north of Tompson)	n/a 2,492.72 \$ 299,126.40
Total							7,536.02 \$ 2,387,472.40 \$ 3,342,461.36

3m wide off road path 7,536.02
Road Crossing length 0
On road seperated path 0

\$ 120.00

Table 5.4: Forest Hill Corridor Route Alignment

Alignment	Facility Type	Between	Roads Crossed	Dist.(m)		
Fife Street	3m Wide Off-Road Path	& Brunskill Avenue	n/a	224.63	\$	26,955.60
Brunskill Avenue	3m Wide Off-Road Path	& Kirrajong Avenue	n/a	227.31	\$	27,277.20
Brunskill Avenue	Raised Give Way Controlled Intersection Crossing	n/a	Kurrajong Avenue	17.62	\$	8,614.40
Kirrajong Avenue	3m Wide Off-Road Path	& Cypress Street	n/a	86.07	\$	10,328.40
Cypress Street	3m Wide Off-Road Path	& Dunn Avenue	n/a	236.05	\$	28,326.00
Dunn Avenue	3m Wide Off-Road Path	& Cypress Street	Priority Crossing: ● Car park entry	276.13	\$	33,135.60
Elizabeth Avenue	3m Wide Off-Road Path	& Road Crossing	n/a	59.7	\$	7,164.00
Elizabeth Avenue	Raised Give Way Controlled Intersection Crossing	n/a	Elizabeth Road	14.76	\$	8,271.20
Elizabeth Avenue	3m Wide Off-Road Path	& Old Railway Corridor	Priority Crossing: ● Hazelwood Drive	938.93	\$	112,671.60
Old Railway Corridor	3m Wide Off-Road Path	& Bakers Lane	n/a	3,592.00	\$	431,040.00
Old Railway Corridor	Central Refuge Crossing Facility with Kerb Build-Outs	n/a	Bakers Lane	15.75	\$	8,390.00
Old Railway Corridor	3m Wide Off-Road Path	& Koorungal Road	Priority Crossing: ● 3x Private Road	3,111.90	\$	373,428.00
Old Railway Corridor	Central Refuge Crossing Facility with Kerb Build-Outs	n/a	Koorungal Road	22.5	\$	11,200.00
Koorungal Road	3m Wide Off-Road Path	& Copland Street	n/a	519.01	\$	62,281.20
Koorungal Road	Central Refuge Crossing Facility with Kerb Build-Outs on Approach to Roundabout	n/a	Copland Street	80.07	\$	18,108.40
Koorungal Road	3m Wide Off-Road Path	& Wiradjuri Walking Track	n/a	156.57	\$	18,788.40
Wiradjuri Walking Track	3m Wide Off-Road Path	& Day Street	Existing Underpasses: ● Sturt Highway ● Railway Line	1,526.32	\$	183,158.40
Day Street	3m Wide Separated Path	& Tarcutta Street	n/a	350.96	\$	42,115.20
Day Street	Incorporated as Part of Proposed Signalised Intersection	n/a	Tarcutta Street	27.71	\$	5,825.20
Day Street	3m Wide Separated Path	& Berry Street	n/a	395.76	\$	47,491.20
Day Street	Road Crossing		Tarcutta Street	27.71	\$	5,825.20
Day Street	3m Wide Separated Path	& Berry Street	n/a	395.76	\$	47,491.20
Total				11,879.75	\$	1,550,886.40
					\$	2,171,240.96
				3m wide off road path		10,574.61
				Road Crossing length		162.66
				On road seperated path		1142.48

South Corridor Route
Alignment

Alignment	Facility Type	Direction	Side	Between			Roads Crossed	Dist.(m)				
Lake Albert	3m Wide Off-Road Path	North-South	East (of Lake Albert)	Lakehaven Drive / Angela Road	&	South of Lakeside Drive	Priority Crossing: c Boat Ramp	2,179.34	\$	261,520.80		
									\$	6,500.00		
Lake Albert Road	Central Refuge Crossing Facility with Kerb Build-Outs	East-West	West to East	n/a			Lake Albert Road	19.4	\$	4,828.00		
Lake Albert Road	3m Wide Off-Road Path	North-South	West	South of Lakeside Drive	&	Koorungal Road	n/a	353.34	\$	42,400.80		
Koorungal Road	3m Wide Off-Road Path	Southwest-Northeast	Southeast	Lake Albert Road	&	Wagga Wagga Christian College	Priority Crossing: c Vincent Road	2,667.56	\$	320,107.20		
									\$	6,500.00		
Koorungal Road	Widen Central Refuge Crossing Facility and Include Kerb Build-Outs	East-West	East to West	n/a			Koorungal Road	20.26	\$	20,931.20		
Koorungal Road	3m Wide Off-Road Path	North-South	West	Wagga Wagga Christian College	&	Copland Street	Priority Crossing: c Cemetery Entrance	896.76	\$	107,611.20		
									\$	6,500.00		
Koorungal Road	Central Refuge Crossing Facility with Kerb Build-Outs on Approach to Roundabout	North-South	West	n/a			Copland Street	80.07	\$	44,608.40		
Koorungal Road	3m Wide Off-Road Path	North-South	West	Copland Street	&	Wiradjuri Walking Track	n/a	156.57	\$	18,788.40		
Wiradjuri Walking Track	3m Wide Off-Road Path	Southeast-Northwest	n/a	Koorungal Road	&	Day Street	Underpasses (existing): c Sturt Highway c Railway Line	1,526.32	\$	183,158.40		
									\$	4,500.00		
Day Street	3m Wide Separated Path	East-West	South	Wiradjuri Walking Track	&	Tarcutta Street	n/a	350.96	\$	42,115.20		
Day Street	Incorporated as Part of Proposed Signalised Intersection	East-West	South	n/a			Tarcutta Street	27.71	\$	24,325.20		
Day Street	3m Wide Separated Path	East-West	South	Tarcutta Street	&	Berry Street	n/a	395.76	\$	47,491.20		
Total								8,674.05				
									\$	-		
										3m wide off road path	7,859.96	
										Road Crossing length	67.37	
										On road seperated path	746.72	
										1,148,386.00	\$	1,607,740.40

Alignment	Facility Type	Direction	Side	Between		Roads Crossed	Dist. (m)		
Clifton Street	On-Road / Mixed Traffic Facility	East-West	n/a	Brownlow Drive	&	Holbrook Road	Kaloon Drive	545.32	\$ 71,938.40
Holbrook Road	Central Refuge Crossing Facility	North-South	East	n/a		Clifton Street		28.34	\$ 11,900.80
Holbrook Road	3m Wide Off-Road Path	North-South	East	Clifton Street	&	Bourke Street (existing shared)	n/a	779.35	\$ 93,522.00
Bourke Street	3m Wide Off-Road Path	North-South	East	Holbrook Road (existing shared path fork)	&	Red Hill Road	Priority Crossing: ○ Bourkelands Drive	992.34	\$ 119,080.80 \$ 6,500.00
Bourke Street	Central Refuge Crossing Facility with Kerb Build-Outs	North-South	East	n/a		Red Hill Road (east)		37.73	\$ 11,027.60
Bourke Street	Central Refuge Crossing Facility with Kerb Build-Outs	East-West	North	n/a		Bourke Street (north)		54.1	\$ 14,992.00
Bourke Street	2 x 2.0m Segregated Bicycle Lanes in Main Carriageway	North-South	East	Red Hill Road	&	Fernleigh Road	Priority Crossing (east): ○ Henschke Avenue ○ Temerloh Avenue ○ Leavenworth Drive ○ Spooner Avenue Priority Crossing (west): ○ Bruce Street ○ Maher Street ○ Huthwaite Street ○ Jack Avenue	1,928.04	\$ 231,364.80 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00
Bourke Street	Separated Facilities at Signalised Intersection	North-South	East	n/a		Fernleigh Road		22.44	\$ 11,192.80
Bourke Street	2 x 2.0m Segregated Bicycle Lanes	North-South	East	Fernleigh Road	&	Coleman Street	Priority Crossing (east): ○ Blamey Street ○ Urana Street ○ Lindsay Street ○ Wooden Street ○ Athol Street Priority Crossing (west): ○ Charleville Road ○ Urana Street	1,106.39	\$ 132,766.80 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00
Coleman Street	Central Refuge Crossing Facility with Kerb Build-Outs	East-West	North	n/a		Coleman Street		27.24	\$ 11,768.80
Coleman Street	2 x 2.0m Segregated Bicycle Lanes	East-West	Both	Bourke Street	&	Edmondson Street	Priority Crossing (north): ○ Bimbeen Street ○ Inverary Street ○ Norman Street ○ Kildare Street Priority Crossing (south): ○ Turner Street ○ Trevor Street	852.92	\$ 102,350.40 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00 \$ 6,500.00
Coleman Street / Edmondson Street	Separated Facilities at Signalised Intersection	West to North	North/West & East/South	n/a		Edmondson Street (south) and Coleman Street (east)		80.67	\$ 9,680.40 \$ 6,500.00
Edmondson Street [1]	2 x 2.0m Segregated Bicycle Lanes	North-South	Both	Coleman Street	&			1,057.15	\$ 126,858.00
							Total	7,512.03	\$ 1,097,943.60 \$ 1,537,121.04

3m wide off road path 1,771.69
 Road Crossing length 250.52
 On road seperated path 5,489.82

Alignment	Facility Type	Direction	Side	Between		Roads Crossed	Dist.(m)	
Kapooka Drive	3m Wide Off-Road Path	East-West and North-South	South & West	Sturt Avenue (west)	&	Olympic Highway	n/a	1,137.24 \$ 136,468.80
Olympic Highway Bridge [1]	On-Road lanes	East-West	On-road	Kapooka Drive	&	End of Bridge	n/a	111.82 \$ 13,418.40
Railway Line Corridor [1]	3m Wide Off-Road Path	Southwest-Northeast	Southeast	Olympic Highway	&	Red Hill Road	n/a	2,073.55 \$ 248,826.00
Railway Line Corridor	Central Refuge Crossing Facility with Kerb Build-Outs	Southwest-Northeast	Southeast	n/a		Red Hill Road	14.68 \$ 8,261.60	
Red Hill Road	3m Wide Off-Road Path	Southeast-Northwest	Northeast	Railway Line Corridor Southeast	&	Railway Line Corridor Northwest	n/a	60.76 \$ 7,291.20
Railway Line Corridor	3m Wide Off-Road Path	Southwest-Northeast	Northwest	Red Hill Road	&	Tobruk Street	n/a	942.32 \$ 113,078.40
Tobruk Street	3m Wide Off-Road Path	North-South	East	Railway Line Corridor	&	Fernleigh Road	n/a	199.96 \$ 23,995.20
Fernleigh Road	3m Wide Off-Road Path	East-West	South	Tobruk Street	&	Railway Line Corridor	n/a	349.32 \$ 41,918.40
Railway Line Corridor	Central Refuge Crossing Facility with Kerb Build-Outs	Southeast-Northwest	Northwest	n/a		Fernleigh Road	28.62 \$ 11,934.40	
Railway Line Corridor	3m Wide Off-Road Path	Southwest-Northeast	Northwest	Fernleigh Road	&	Bululo Street	n/a	552.64 \$ 66,316.80
Bululo Street	3m Wide Off-Road Path	North-South	East	Railway Line Corridor	&	Ashmont Avenue	n/a	324.42 \$ 38,930.40
Ashmont Avenue	3m Wide Off-Road Path	East-West	South	Bululo Street	&	50m east of Bululo Street	n/a	50.34 \$ 6,040.80
Reserve	Central Refuge Crossing Facility with Kerb Build-Outs (Mid-Block)	North-South	n/a	n/a		Ashmont Avenue	15.74 \$ 10,388.80	
Reserve	3m Wide Off-Road Path	North-South		Ashmont Avenue	&	Sturt Highway	n/a	1,097.17 \$ 131,660.40
Reserve	Central Refuge Crossing Facility with Kerb Build-Outs (Mid-Block)	North-South	n/a	n/a		Sturt Highway	16.4 \$ 10,468.00	
Wiradjuri Walking Track	3m Wide Off-Road Path	East-West, Northeast-Southeast		Sturt Highway		Olympic Highway	n/a	1,035.89 \$ 130,806.80
Wiradjuri Walking Track	Central Refuge Crossing Facility on South Approach to Roundabout	East-West		n/a		Olympic Highway	30.91 \$ 12,209.20	
Olympic Highway	3m Wide Off-Road Path	North-South	East	Crossing	&	Kincaid Street	n/a	32.81 \$ 12,437.20
Olympic Highway	Central Refuge Crossing Facility on East Approach to Roundabout	North-South	East	n/a		Kincaid Street	23.54 \$ 11,324.80	
Kincaid Street	2x 2.0m Wide Off-Road Paths	East-West	Both	Kincaid Street	&	Beckwith Street	Priority Crossing (north):	\$ 175,869.60
							○ Hann Street	\$ 6,500.00
							○ Evans Street	\$ 6,500.00
							○ Slocum Street	\$ 6,500.00
							Priority Crossing (south):	1,340.58
							○ Thomas Street	\$ 6,500.00
							○ Shaw Street	\$ 6,500.00
							○ Gossett Street	\$ 6,500.00
○ McKinnon Street	\$ 6,500.00							
○ Dobbs Street	\$ 6,500.00							
Total							9,438.71 \$	1,263,765.20 \$ 1,769,271.28
3m wide off road path							9,197.00	
Road Crossing length							129.89	
On road seperated path							111.82	