

## APPENDIX G

# Draft Capital Works Programme



**Off Road Paths and Routes on Minor Streets**

Location	From	To	TOTL Length(ft)	Description of Works	Length(ft)	Cost (\$)	Priority
<b>ROGERANONG</b>							
Reverend/Gordon/Gonzalez/Isabella Plazas/Moraga Overway	Box Hill Avenue	Erindale Drive	7100	New Signs	5,680	\$5,680	2
				New Signs	5,680	\$5,680	2
				Reconstruction/Construct New	355	\$51,475	3
				Widening	1,420	\$1,022,240	2
Overway/Warmanas	Erindale Drive	Ironwood Drive	5890	New Signs	4,262	\$4,262	2
				New Signs	4,262	\$4,262	2
				Reconstruction/Construct New	281	\$41,253	3
				Widening	1,138	\$811,938	2
Lab T Upperinging/Kambath	Lab Upperinging	Rowwood Drive	2550	New Signs	2,440	\$2,440	2
				New Signs	2,440	\$2,440	2
				Reconstruction/Construct New	155	\$22,113	3
				Widening	870	\$63,920	3
Cowell/Robinson/Isabella Plazas	Thames Drive	Isabella Drive	3250	New Signs	2,880	\$2,880	2
				New Signs	2,880	\$2,880	2
				Reconstruction/Construct New	183	\$23,583	3
				Widening	255	\$48,555	3
Moraga/Cowell/MacArthur/Chatham/Gilmore	Oranford Drive	Isabella Drive	6280	New Signs	5,024	\$5,024	2
				New Signs	5,024	\$5,024	2
				Reconstruction/Construct New	314	\$45,530	3
				Widening	1,264	\$99,452	3
Osay/Warmanas	Oranford Drive	Amilton Drive	5540	New Signs	4,432	\$4,432	2
				New Signs	4,432	\$4,432	2
				Reconstruction/Construct New	277	\$40,180	3
				Widening	1,158	\$79,776	3
<b>WOODEN VALLEY / WESTON CHECK</b>							
Tomas/Peacock/Phillip	Sulwood Drive	Viana Glen	5740	New Signs	4,592	\$4,592	2
				New Signs	4,592	\$4,592	2
				Reconstruction/Construct New	489	\$68,584	3
				Widening	1,148	\$82,256	3
Fisher/Warmanas/Sirling/Chapman	Sulwood Drive	Redgrave Place	5470	New Signs	4,376	\$4,376	2
				New Signs	4,376	\$4,376	2
				Reconstruction/Construct New	438	\$63,452	3
				Widening	1,664	\$120,768	2
Warmanas/Watson/Hooder	Warmanas Oval	Lady Demain Drive	6700	New Signs	5,360	\$5,360	2
				New Signs	5,360	\$5,360	2
				Reconstruction/Construct New	434	\$77,720	3
				Widening	1,340	\$98,480	2
Madman Street Upperinging Pathway Underpass	Lady Demain Drive		7450	New Signs	5,880	\$5,880	2
				New Signs	5,880	\$5,880	2
				Reconstruction/Construct New	522	\$85,940	3
				Widening	1,480	\$105,760	3
Wadell/Lucas	Hamallia Drive	Swan Place	2130	New Signs	1,704	\$1,704	2
				New Signs	1,704	\$1,704	2
				Reconstruction/Construct New	170	\$24,708	3
				Widening	258	\$39,272	2
Hughes	Yamba Drive Roundabout	Watum Street	690	New Signs	552	\$552	2
				New Signs	552	\$552	2
				Reconstruction/Construct New	55	\$8,004	3
				Widening	788	\$9,338	2
Hughes/Dark	Yamba Drive	Adelaide Avenue	2450	New Signs	1,980	\$1,980	2
				New Signs	1,980	\$1,980	2
				Reconstruction/Construct New	156	\$28,420	3
				Widening	460	\$35,280	2
Curtin/Hughes/Lucas	Cartwright Street	Kent Street	1080	New Signs	1,084	\$1,084	2
				New Signs	1,084	\$1,084	2
				Reconstruction/Construct New	158	\$22,988	3
				Widening	398	\$28,512	2
<b>CITY INNER SOUTH</b>							
Osay/Forster	Kent Street	Frankes Way	3880	New Signs	3,104	\$3,104	2
				New Signs	3,104	\$3,104	2
				Reconstruction/Construct New	776	\$112,250	3
				Widening	276	\$39,772	2
Lake Busby/Giffen	Circumnavigating the lake		26280	New Signs	21,008	\$21,008	2
				New Signs	21,008	\$21,008	2
				Reconstruction/Construct New	5,252	\$761,940	3
				Widening	5,252	\$76,144	2
Carabara Avenue	HMAS Heisman	East Basin	7820	New Signs	6,258	\$6,258	2
				New Signs	6,258	\$6,258	2
				Reconstruction/Construct New	1,564	\$228,780	3
				Widening	1,664	\$1,122,608	2
Giffen/Nambourda/Kirngton	Carabara Avenue	Westworth Avenue	6980	New Signs	5,864	\$5,864	2
				New Signs	4,864	\$4,864	2
				Reconstruction/Construct New	1,214	\$176,350	3
				Widening	1,918	\$87,552	2
Montford Drive	Alport	Montgome River	2520	New Signs	2,018	\$2,018	2
				New Signs	2,018	\$2,018	2
				Reconstruction/Construct New	664	\$78,088	3
				Widening	504	\$36,288	2
Campbell	Montgome River	Campbell Park Offices	2180	New Signs	1,912	\$1,912	2
				New Signs	1,912	\$1,912	2
				Reconstruction/Construct New	478	\$69,310	3
				Widening	478	\$38,418	2
Campbell/Head	Limeburne Avenue	Cooyong Street	3840	New Signs	3,272	\$3,272	2
				New Signs	3,272	\$3,272	2
				Reconstruction/Construct New	788	\$81,770	3
				Widening	788	\$55,298	2
Russett	Kings Avenue	Huallil Drive	430	New Signs	344	\$344	2
				New Signs	344	\$344	2
				Reconstruction/Construct New	88	\$12,470	3
				Widening	88	\$6,182	2
Reid	Lake Busby/Giffen	Strathey Crescent	1590	New Signs	1,272	\$1,272	2
				New Signs	1,272	\$1,272	2
				Reconstruction/Construct New	318	\$31,810	3
				Widening	218	\$15,898	2
Acton	Lake Busby/Giffen	Berry Drive (West)	1710	New Signs	1,388	\$1,388	2
				New Signs	1,388	\$1,388	2
				Reconstruction/Construct New	342	\$49,590	3
				Widening	342	\$24,654	2
Acton	Lake Busby/Giffen	Berry Drive (East)	1870	New Signs	1,458	\$1,458	2
				New Signs	1,458	\$1,458	2
				Reconstruction/Construct New	314	\$45,530	3
				Widening	314	\$22,088	2
City	Lake Busby/Giffen	Cooyong Street	2340	New Signs	1,872	\$1,872	2
				New Signs	1,872	\$1,872	2
				Reconstruction/Construct New	468	\$67,960	3
				Widening	468	\$33,698	2

<b>INDY NORTH</b>											
Beacon/Cape	Coyote Street	Heaman Crescent	3525	New Signs	2,800	\$2,800	1				
				New Symbols	2,800	\$2,800	1				
				Reconstruction/Construct New	1,410	\$1,410	1				
				Widening	529	\$38,070	2				
Beacon/Oakton/Dowlen/Watson	Coyote Street	Monroe Street	4860	New Signs	5,328	\$5,328	1				
				New Symbols	5,328	\$5,328	1				
				Reconstruction/Construct New	2,664	\$38,280	3				
				Widening	929	\$71,929	2				
Dixie/O'Connor	Clondara Street	Mauk Avenue	2470	New Signs	1,978	\$1,978	1				
				New Symbols	1,978	\$1,978	1				
				Reconstruction/Construct New	988	\$143,260	3				
				Widening	87	\$26,976	2				
Turner/Common/Lyncham	Betsy Drive	Dunraith Drive	6095	New Signs	4,352	\$4,352	1				
				New Symbols	4,352	\$4,352	1				
				Reconstruction/Construct New	2,420	\$37,070	3				
				Widening	910	\$65,592	2				
Turner/Common/Lyncham	Betsy Drive	Barton Highway	6480	New Signs	3,584	\$3,584	1				
				New Symbols	3,584	\$3,584	1				
				Reconstruction/Construct New	1,792	\$26,944	2				
				Widening	372	\$48,584	2				
Turner/O'Connor	Condamine Street	Parfax Street	2830	New Signs	2,284	\$2,284	1				
				New Symbols	2,284	\$2,284	1				
				Reconstruction/Construct New	1,132	\$164,140	3				
				Widening	482	\$35,584	2				
O'Connor	Meadow Park	AS	2765	New Signs	2,212	\$2,212	1				
				New Symbols	2,212	\$2,212	1				
				Reconstruction/Construct New	1,106	\$160,370	3				
				Widening	415	\$29,880	2				
<b>DURHAM</b>											
Mulwanny/Harrison/Amano	Mudgee Road	Len Waters Street	10180	New Signs	8,152	\$8,152	1				
				New Symbols	8,152	\$8,152	1				
				Reconstruction/Construct New	2,448	\$369,388	3				
				Widening	1,539	\$110,050	2				
Mitchell/Craca/Franklin/Palmation	Barton Highway	Dundarra Drive	5095	New Signs	4,278	\$4,278	1				
				New Symbols	4,278	\$4,278	1				
				Reconstruction/Construct New	1,274	\$184,694	3				
				Widening	784	\$55,028	2				
Pymbleton/Harrison	Barton Highway	Anthony Rolfe Avenue	3880	New Signs	3,194	\$3,194	1				
				New Symbols	3,194	\$3,194	1				
				Reconstruction/Construct New	970	\$140,650	3				
				Widening	582	\$41,004	2				
Morningside/Neelids	Dundarra Drive	Bank Grove	4555	New Signs	3,724	\$3,724	1				
				New Symbols	3,724	\$3,724	1				
				Reconstruction/Construct New	1,164	\$168,744	3				
				Widening	489	\$35,274	2				
Mitchell/Craca/Franklin/Palmation (Dundarra Drive)	Barton Highway	Dundarra Drive	5095	New Signs	4,278	\$4,278	1				
				New Symbols	4,278	\$4,278	1				
				Reconstruction/Construct New	1,274	\$184,694	3				
				Widening	784	\$55,028	2				
<b>WECOMEN</b>											
Stratford/McKellar/Balconman	Barton Highway	Gins Bank (East)	5390	New Signs	4,304	\$4,304	1				
				New Symbols	4,304	\$4,304	1				
				Reconstruction/Construct New	808	\$120,000	3				
				Widening	807	\$58,104	2				
Spence/Melba/Flory/Balconman	Capey Crescent	Gins Bank (West)	5830	New Signs	4,604	\$4,604	1				
				New Symbols	4,604	\$4,604	1				
				Reconstruction/Construct New	260	\$48,274	2				
				Widening	845	\$60,804	2				
Stratford/Kalena/Bunce	William Slim Drive	AS	6925	New Signs	5,300	\$5,300	1				
				New Symbols	5,300	\$5,300	1				
				Reconstruction/Construct New	331	\$48,031	3				
				Widening	884	\$71,560	2				
Kubacki/Lyncham	Kubacki Tennis Club	Barton Highway	1055	New Signs	1,324	\$1,324	1				
				New Symbols	1,324	\$1,324	1				
				Reconstruction/Construct New	83	\$11,999	3				
				Widening	248	\$17,274	2				
Dunlop/Chamwood/Flyn/Melba/Evatt McKellar/Lewen (Ginninderra Drive)	Kedgan Street	Aberara Street Underpass	8190	New Signs	7,512	\$7,512	1				
				New Symbols	7,512	\$7,512	1				
				Reconstruction/Construct New	470	\$68,078	3				
				Widening	1,450	\$131,472	2				
Chamwood/Frank/Spence/Evatt McKellar	Ginninderra Drive	William Slim Drive	7435	New Signs	5,848	\$5,848	1				
				New Symbols	5,848	\$5,848	1				
				Reconstruction/Construct New	372	\$53,304	3				
				Widening	1,112	\$82,268	2				
Latham/Flory	Ginninderra Drive	Kingsford Smith Underpass	800	New Signs	720	\$720	1				
				New Symbols	720	\$720	1				
				Reconstruction/Construct New	45	\$6,252	3				
				Widening	185	\$9,720	2				
Balconman/Macquarte/Cook	Ludlow Street	Strubbs Street	4145	New Signs	3,318	\$3,318	1				
				New Symbols	3,318	\$3,318	1				
				Reconstruction/Construct New	297	\$32,051	3				
				Widening	622	\$44,766	2				
Balconman	Coufter Drive	Chan Street	805	New Signs	844	\$844	1				
				New Symbols	844	\$844	1				
				Reconstruction/Construct New	40	\$5,838	3				
				Widening	121	\$8,004	2				
Bunce	AS	Haydon Drive	1610	New Signs	1,288	\$1,288	1				
				New Symbols	1,288	\$1,288	1				
				Reconstruction/Construct New	81	\$11,878	3				
				Widening	242	\$17,188	2				
Balconman/Bunce/Amanda	Lake Ginninderra (South)	Glenloch Interchange	8570	New Signs	7,178	\$7,178	1				
				New Symbols	7,178	\$7,178	1				
				Reconstruction/Construct New	448	\$66,276	3				
				Widening	1,341	\$95,876	2				
Holt/MacGregor/Latham/Flory Balconman	Hogman Place	Lake Ginninderra (South)	7970	New Signs	6,378	\$6,378	1				
				New Symbols	6,378	\$6,378	1				
				Reconstruction/Construct New	390	\$57,768	3				
				Widening	1,188	\$88,078	2				
				<b>Total</b>		<b>\$8,927,166</b>					

Priority	Years to be Constructed
1	Years 1 to 4
2	Years 5 to 7
3	Years 8 to 10

## Cycle Paths and Lanes - Cost Estimates/km

### On road

New 2.5m wide on existing road (Assuming twin lanes, kerbed road), No widening

Task	Cost
Site Establishment	5,000
TTMs	5,000
Eradicate Linemarking	3,000
New Linemarking	5,000
Cycling Stencils	1,000
Cycling Signs	1,000
<b>TOTAL</b>	<b>\$20,000/km</b>

### On road

New 2.5m wide on existing road (Assuming twin lanes, kerbed road), Including widening

**TOTAL \$165,000/km Based on Northbourne Avenue On Road Cycling**

### Minor Streets

Signs Only

Task	Cost
Site Establishment	5,000
TTMs	5,000
Cycling Signs	1,000
<b>TOTAL</b>	<b>\$11,000/km</b>

### Off road

New 2.5m wide (Assuming no underpasses or bridges)

Task	Cost
Site Establishment	\$5,000
Sediment Control	\$5,000
TTMs	\$1,000
Earthworks	\$15,000 Based on 2.5mx1000m x 0.3 @20/m3
Gravel	\$75,000 Based on 2500m2 @30/m2
AC	\$25,000 Based on 2500m2@10/m2
Landscaping	\$5,000
New Linemarking	\$5,000
Cycling Stencils	\$1,000
Cycling Signs	\$1,000
<b>TOTAL</b>	<b>\$138,000/km</b>

### Off road

Widen Existing Path(Assuming 1m wide extension)

Task	Cost
Site Establishment	\$5,000
Sediment Control	\$5,000
TTMs	\$1,000
Earthworks	\$6,000 Based on 1.0mx1000m x 0.3 @20/m3
Gravel	\$30,000 Based on 1000m2 @30/m2
AC	\$10,000 Based on 1000m2@10/m2
Landscaping	\$5,000
New Linemarking	\$5,000
Cycling Stencils	\$1,000
Cycling Signs	\$1,000
<b>TOTAL</b>	<b>\$69,000/km</b>