

Item	Category	Description	Standard	Cost Application	Cost estimate P90	Cost estimate P90	Difference	%
					Jul-18	Feb-19	Cost estimate P90	difference
1	Road	Primary Arterial	Interim – first carriageway	Per 800m of road	\$2,788,000	\$3,860,000	\$1,072,000	38%
2	Road	Secondary Arterial	Interim – first carriageway	Per 800m of road	\$2,703,000	\$3,500,000	\$797,000	29%
3	Road	Connector–Boulevard	Ultimate	Per 800m of road	\$3,331,000	\$4,140,000	\$809,000	24%
4	Road	Connector Street	Ultimate	Per 800m of road	\$3,217,000	\$3,793,000	\$576,000	18%
5	Intersection	Primary/ Primary	Cross – Signalised (Interim)	Per intersection	\$5,494,000	\$7,012,000	\$1,518,000	28%
6	Intersection	Primary/ Secondary	Cross – Signalised (Interim)	Per intersection	\$5,573,000	\$6,930,000	\$1,357,000	24%
7	Intersection	Primary/ Conn. Blvd.	Cross – Signalised (Interim)	Per Intersection	\$4,622,000	\$4,700,000	\$78,000	2%
8	Intersection	Secondary/ Secondary	Cross – Signalised (Interim)	Per intersection	\$5,146,000	\$6,317,000	\$1,171,000	23%
9	Intersection	Secondary/ Conn. Blvd	Cross – Signalised (Interim)	Per intersection	\$4,384,260	\$4,389,000	\$4,740	0%
10	Intersection	Conn. Blvd/ Conn. Blvd	Cross–Roundabout (Ultimate)	Per intersection	\$2,451,000	\$2,124,000	-\$327,000	-13%
11	Intersection	Primary/ Primary	T – Signalised (Interim)	Per intersection	\$4,340,000	\$5,518,000	\$1,178,000	27%
12	Intersection	Primary/ Secondary	T – Signalised (Interim)	Per intersection	\$3,922,000	\$4,990,000	\$1,068,000	27%
13	Intersection	Primary/ Conn. Blvd.	T – Signalised (Interim)	Per intersection	\$3,625,000	\$3,967,000	\$342,000	9%
14	Intersection	Secondary/ Secondary	T – Signalised (Interim)	Per intersection	\$3,665,000	\$4,564,000	\$899,000	25%
15	Intersection	Secondary/ Conn. Blvd	T – Signalised (Interim)	Per intersection	\$3,313,000	\$3,604,000	\$291,000	9%

16	Intersection	Conn. Blvd/ Conn. Blvd	T – Roundabout (Ultimate)	Per intersection	\$1,980,000	\$1,690,000	-\$290,000	-15%
17	Bridge	Interim Primary Arterial Road Bridge 50 m span	Super-T – 15.80m wide (Interim)	Per Bridge	\$6,940,000	\$8,201,000	\$1,261,000	18%
18	Bridge	Interim Primary Arterial Road Bridge 100 m length	Super-T – 15.80m wide (Interim)	Per Bridge	\$12,720,000	\$14,646,000	\$1,926,000	15%
19	Bridge	Interim Secondary Arterial Road Bridge 50m length	Super-T – 14.90m wide (Interim)	Per bridge	\$6,415,000	\$7,368,000	\$953,000	15%
20	Bridge	Interim Secondary Arterial Road Bridge 100m length	Super-T – 14.90m wide (Interim)	Per bridge	\$11,670,000	\$13,419,000	\$1,749,000	15%
21	Bridge	Ultimate Connector Road Bridge 50m length	Super-T – 14.30m wide (Ultimate)	Per bridge	\$6,415,000	\$7,368,000	\$953,000	15%
22	Bridge	Ultimate Connector Road Bridge 100m length	Super-T – 14.30m wide (Ultimate)	Per bridge	\$11,670,000	\$13,419,000	\$1,749,000	15%
23	Bridge	Pedestrian Bridge 20m length	Super-T – 4m wide (Ultimate)	Per bridge	\$824,000	\$1,131,000	\$307,000	37%
24	Bridge	Pedestrian Bridge 80m length	Super-T – 4m wide (Ultimate)	Per bridge	\$2,521,000	\$3,364,000	\$843,000	33%
25	Major Culvert	Box culverts 1200 x 2100 (4 side by side)	Secondary Arterial Interim – 17.0m	Per structure	\$434,000	\$452,000	\$18,000	4%

26	Major Culvert	Box culverts 1200 x 2100 (4 side by side)	Connector Boulevard Ultimate – 31.0m	Per structure	\$622,000	\$643,000	\$21,000	3%
27	Major Culvert	Box culverts 1800 x 3000 (6 side by side)	Secondary Arterial Interim – 17.0m	Per structure	\$795,000	\$914,000	\$119,000	15%
28	Major Culvert	Box culverts 1800 x 3000 (6 side by side)	Connector Boulevard Ultimate – 31.0m	Per structure	\$1,240,000	\$1,382,000	\$142,000	11%
29	Major Culvert	Box culverts 2100 x 2100 (16 side by side)	Secondary Arterial Interim – 17.0m	Per structure	\$1,357,000	\$1,625,000	\$268,000	20%
30	Major Culvert	Box culverts 2100 x 2100 (16 side by side)	Connector Boulevard Ultimate – 31.0 m	Per structure	\$2,131,000	\$2,463,000	\$332,000	16%
31	Major Culvert	Circular Pipes (RCP) 1200 dia. (2 side by side)	Secondary Arterial Interim – 17.0m	Per structure	\$308,000	\$287,000	-\$21,000	-7%
32	Major Culvert	Circular Pipes (RCP) 1200 dia. (2 side by side)	Connector Boulevard Ultimate – 31.0 m	Per structure	\$444,000	\$405,000	-\$39,000	-9%
33	Major Culvert	Circular Pipes (RCP) 1800 dia. (3 side by side)	Secondary Arterial Interim – 17.0m	Per structure	\$572,000	\$545,000	-\$27,000	-5%

34	Major Culvert	Circular Pipes (RCP) 1800 dia. (3 side by side)	Connector Boulevard Ultimate – 31.0 m	Per structure	\$917,000	\$865,000	-\$52,000	-6%
35	Major Culvert	Circular Pipes (RCP) 2100 dia. (4 side by side)	Secondary Arterial Interim – 17.0m	Per structure	\$861,000	\$816,000	-\$45,000	-5%
36	Major Culvert	Circular Pipes (RCP) 2100 dia. (4 side by side)	Connector Boulevard Ultimate – 31.0m	Per structure	\$1,378,000	\$1,316,000	-\$62,000	-4%
37	Community Facilities	Level 1 Facility	Contemporary standard	Bldg. floor area	\$6,398,000	\$7,606,000	\$1,208,000	19%
38	Community Facilities	Level 2 Facility	Contemporary standard	Bldg. floor area	\$7,648,000	\$8,928,000	\$1,280,000	17%
39	Community Facilities	Level 3 Facility	Above contemporary standard allowing for place making architectural features	Bldg. floor area	\$10,304,000	\$11,830,000	\$1,526,000	15%
40	Sports and Recreation Facilities	Sports Pavilion 2 playing areas	Contemporary standard multi-purpose facility	Bldg. floor area	\$1,665,000	\$1,656,000	-\$9,000	-1%
41	Sports and Recreation Facilities	Sports Pavilion 3 playing areas	Contemporary standard multi-purpose facility	Bldg. floor area	\$2,760,000	\$2,753,000	-\$7,000	0%

42	Sports and recreation Facilities	Sports and Recreation Facility 5 to 6 hectare site	Contemporary senior and junior sporting competition standard	Per Reserve	\$7,235,000	\$8,021,000	\$786,000	11%
43	Sports and recreation Facilities	Sports and Recreation Facility 8 to 10 hectare site	Contemporary senior and junior sporting competition standard	Per Reserve	\$10,388,000	\$10,355,000	-\$33,000	-0.3%