

Schedule 3 Local government infrastructure plan mapping and supporting material

SC3.1 Map index

The table below lists any local government infrastructure plan maps applicable to the planning scheme area.

Table SC3.1.a – Map index

Map number	Map title
Priority infrastructure area map	
PIA (1-10)	Priority infrastructure area
Plans for trunk infrastructure maps	
CM WS (1-6)	Catchment maps - water supply
CM SEW (1-5)	Catchment maps - wastewater
CM SW (1-6)	Catchment maps - stormwater
CM TR (1-3)	Catchment maps - transport (roads)
CM TR-P (1-3)	Catchment maps - transport (pedestrian and cycle movement)
CM PLCF (1-3)	Catchment maps - parks and land for community facilities
WS (1-17)	Plans for trunk infrastructure - water supply
SEW (1-14)	Plans for trunk infrastructure - wastewater
SW (1-18)	Plans for trunk infrastructure - stormwater
TR-R (1-30)	Plans for trunk infrastructure - transport (roads)
TP (1-15)	Plans for trunk infrastructure - transport (pedestrian and cycle movement)
EX PLCF (1-22)	Plans for trunk infrastructure - existing parks and land for community facilities
FUT PLCF (1-19)	Plans for trunk infrastructure - future parks and land for community facilities

SC3.2 Planning assumption tables

Table SC3.2.1 – Existing and projected population

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population					
		2018 (Existing)	2021	2026	2031	2036	Ultimate development (capacity)
Cairns Beaches	Single dwelling	16,995	17,818	19,101	20,331	21,224	25,556
	Multiple dwelling	4,851	5,086	5,453	5,804	6,059	7,296
	Other dwelling	534	560	600	639	667	803
	Total	22,380	23,464	25,154	26,773	27,949	33,655
Barron - Smithfield	Single dwelling	14,613	15,457	16,851	18,057	18,817	22,806
	Multiple dwelling	4,171	4,412	4,811	5,155	5,372	6,510
	Other dwelling	459	486	529	567	591	716
	Total	19,243	20,355	22,191	23,779	24,780	30,033
Redlynch Valley	Single dwelling	6,865	7,197	7,663	8,034	8,288	9,729
	Multiple dwelling	1,960	2,055	2,188	2,293	2,366	2,777
	Other dwelling	216	226	241	252	260	306
	Total	9,040	9,478	10,092	10,579	10,914	12,811
Freshwater - Stratford - Aeroglen	Single dwelling	3,206	3,293	3,428	3,537	3,614	4,101
	Multiple dwelling	915	940	979	1,010	1,032	1,171
	Other dwelling	101	103	108	111	114	129
	Total	4,222	4,336	4,514	4,658	4,759	5,400
CBD - North Cairns	Single dwelling	13,539	14,419	15,711	17,594	19,817	29,566
	Multiple dwelling	3,865	4,116	4,485	5,023	5,657	8,440
	Other dwelling	425	453	494	553	623	929
	Total	17,829	18,988	20,690	23,169	26,097	38,935
Portsmith - Woree Industrial	Single dwelling	727	784	837	892	943	1,190
	Multiple dwelling	208	224	239	255	269	340
	Other dwelling	23	25	26	28	30	37
	Total	957	1,032	1,102	1,175	1,242	1,568
Inner Suburbs	Single dwelling	48,681	49,911	53,025	55,752	57,720	66,398
	Multiple dwelling	13,897	14,248	15,137	15,915	16,477	18,955
	Other dwelling	1,529	1,568	1,666	1,751	1,813	2,086
	Total	64,108	65,728	69,827	73,419	76,011	87,438

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population					Ultimate development (capacity)
		2018 (Existing)	2021	2026	2031	2036	
White Rock - Edmonton	Single dwelling	24,583	25,471	27,030	28,872	29,584	33,753
	Multiple dwelling	7,018	7,271	7,716	8,242	8,445	9,636
	Other dwelling	772	800	849	907	929	1,060
	Total	32,373	33,542	35,595	38,022	38,959	44,449
Mt Peter	Single dwelling	197	461	912	1,158	1,177	1,277
	Multiple dwelling	56	132	260	331	336	364
	Other dwelling	6	14	29	36	37	40
	Total	260	607	1,201	1,525	1,550	1,681
Gordonvale - Goldsborough	Single dwelling	4,162	4,265	4,485	4,612	4,692	6,650
	Multiple dwelling	1,188	1,217	1,280	1,317	1,339	1,898
	Other dwelling	131	134	141	145	147	209
	Total	5,480	5,616	5,906	6,074	6,179	8,757
Babinda	Single dwelling	1,044	1,049	1,059	1,062	1,069	1,156
	Multiple dwelling	298	299	302	303	305	330
	Other dwelling	33	33	33	33	34	36
	Total	1,375	1,382	1,395	1,399	1,407	1,522
Inside priority infrastructure area (total)	Single dwelling	134,612	140,125	150,101	159,902	166,945	202,181
	Multiple dwelling	38,428	40,001	42,849	45,647	47,658	57,717
	Other dwelling	4,229	4,402	4,715	5,023	5,244	6,351
	Total	177,268	184,528	197,666	210,572	219,847	266,249
Outside priority infrastructure area (total)	Single dwelling	8,636	8,710	8,910	9,369	12,101	37,283
	Multiple dwelling	2,465	2,486	2,544	2,674	3,455	10,643
	Other dwelling	271	274	280	294	380	1,171
	Total	11,373	11,470	11,734	12,337	15,936	49,097
Cairns Regional Council	Single dwelling	143,248	148,835	159,012	169,271	179,047	239,464
	Multiple dwelling	40,893	42,488	45,393	48,322	51,112	68,360
	Other dwelling	4,500	4,675	4,995	5,317	5,624	7,522
	Total	188,641	195,999	209,400	222,910	235,784	315,347

Table SC3.2.2 – Existing and projected employees

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
Cairns Beaches	Retail	651	688	755	821	882	1,234
	Commercial	1,866	1,999	2,243	2,486	2,709	3,990
	Industry	605	605	605	605	605	605
	Community Purposes	636	692	794	896	990	1,527
	Rural and Other Uses	370	415	486	554	604	822
	Total	4,129	4,398	4,883	5,363	5,790	8,177
Barron - Smithfield	Retail	591	636	716	790	844	1,114
	Commercial	1,420	1,584	1,875	2,144	2,343	3,327
	Industry	656	672	699	724	738	792
	Community Purposes	767	836	958	1,071	1,154	1,567
	Rural and Other Uses	356	402	479	546	588	810
	Total	3,790	4,130	4,728	5,274	5,668	7,611
Redlynch Valley	Retail	211	221	240	257	273	342
	Commercial	643	681	748	813	868	1,120
	Industry	242	242	242	242	242	242
	Community Purposes	538	554	582	609	632	738
	Rural and Other Uses	283	301	327	348	362	448
	Total	1,917	1,999	2,139	2,269	2,377	2,889
Freshwater - Stratford - Aeroglen	Retail	182	189	201	213	225	289
	Commercial	820	843	888	932	974	1,209
	Industry	1,813	1,852	1,925	1,998	2,057	2,337
	Community Purposes	543	553	571	590	607	706
	Rural and Other Uses	190	195	202	208	213	241
	Total	3,548	3,631	3,787	3,942	4,076	4,783
CBD - North Cairns	Retail	725	821	1,003	1,187	1,367	2,424
	Commercial	4,899	5,249	5,912	6,586	7,241	11,096

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
	Industry	548	555	570	584	595	636
	Community Purposes	1,392	1,539	1,817	2,100	2,375	3,992
	Rural and Other Uses	440	487	559	664	787	1,237
	Total	8,003	8,652	9,860	11,120	12,366	19,386
Portsmith - Woree Industrial	Retail	106	111	121	131	140	190
	Commercial	221	239	274	311	345	527
	Industry	523	732	1,130	1,522	1,841	3,377
	Community Purposes	271	279	294	309	323	400
	Rural and Other Uses	202	205	208	211	214	229
	Total	1,322	1,566	2,027	2,483	2,863	4,723
Inner Suburbs	Retail	4,707	4,755	4,858	4,959	5,049	5,467
	Commercial	17,418	17,596	17,969	18,337	18,665	20,191
	Industry	7,728	7,768	7,847	7,925	7,986	8,227
	Community Purposes	6,881	6,956	7,112	7,267	7,404	8,044
	Rural and Other Uses	3,898	3,964	4,137	4,289	4,398	4,912
	Total	40,631	41,039	41,922	42,776	43,501	46,841
White Rock - Edmonton	Retail	649	686	754	832	906	1,555
	Commercial	1,472	1,608	1,855	2,138	2,410	4,777
	Industry	886	927	1,002	1,084	1,173	1,842
	Community Purposes	1,000	1,057	1,161	1,280	1,394	2,387
	Rural and Other Uses	511	558	645	747	787	1,038
	Total	4,517	4,837	5,416	6,081	6,671	11,600
Mt Peter	Retail	2	5	9	14	24	120
	Commercial	8	17	34	52	87	437
	Industry	2	2	2	2	2	2
	Community Purposes	4	8	15	23	37	184

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
	Rural and Other Uses	12	27	52	65	66	74
	Total	29	58	111	156	216	816
Gordonvale - Goldsborough	Retail	110	114	120	127	139	233
	Commercial	355	368	392	416	459	803
	Industry	296	307	327	348	367	485
	Community Purposes	241	247	257	267	285	430
	Rural and Other Uses	149	154	166	173	178	291
	Total	1,151	1,189	1,263	1,332	1,427	2,242
Babinda	Retail	17	18	21	23	27	59
	Commercial	49	54	66	72	86	204
	Industry	51	67	109	127	166	428
	Community Purposes	47	49	54	57	63	112
	Rural and Other Uses	109	109	110	110	110	115
	Total	273	297	360	388	452	918
Inside priority infrastructure area (total)	Retail	7,951	8,244	8,797	9,354	9,875	13,027
	Commercial	29,170	30,239	32,256	34,287	36,187	47,681
	Industry	13,349	13,729	14,458	15,161	15,772	18,972
	Community Purposes	12,320	12,769	13,615	14,467	15,265	20,087
	Rural and Other Uses	6,521	6,817	7,371	7,916	8,307	10,218
	Total	69,310	71,796	76,497	81,184	85,406	109,985
Outside priority infrastructure area (total)	Retail	201	244	324	407	494	1,109
	Commercial	552	709	1,004	1,304	1,624	3,864
	Industry	1,145	1,364	1,762	2,195	2,667	6,164
	Community Purposes	152	218	342	467	602	1,542
	Rural and Other Uses	749	753	764	790	942	2,390
	Total	2,799	3,288	4,197	5,163	6,329	15,069

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
Cairns Regional Council	Retail	8,151	8,487	9,121	9,760	10,369	14,136
	Commercial	29,722	30,948	33,261	35,591	37,811	51,545
	Industry	14,494	15,092	16,220	17,356	18,439	25,137
	Community Purposes	12,472	12,986	13,957	14,934	15,866	21,629
	Rural and Other Uses	7,270	7,570	8,136	8,706	9,249	12,608
	Total	72,110	75,084	80,694	86,348	91,735	125,054

Table SC3.2.3 - Planned density

Column 1 Zone	Column 2 Precinct / Location	Column 3 Planned density	
		Non-residential density (floor Space (m ²)/ employee)	Residential density (dwellings/ net dev ha)
Residential development			
Rural		NA	0.02
Rural	Babinda Local Plan Site C	NA	9
Rural Residential		NA	2
Emerging Communities		NA	15
Emerging Communities	Mount Peter Precinct 2 - Cooper Road - Residential 12-15 Dwellings	NA	13
Emerging Communities	Mount Peter Precinct 2 - Cooper Road - Residential 15-20 Dwellings	NA	18
Emerging Communities	Mount Peter Precinct 3 - Maitland Road	NA	13
Emerging Communities	Mount Peter Precinct 4 - Future Urban Communities	NA	13
Emerging Communities	Gordonvale Local Plan - Precinct 4 - Draper Road Residential	NA	11
Low Density Residential		NA	11
Low Density Residential	Babinda	NA	9
Low-Medium Density Residential		NA	15
Medium Density Residential		NA	48
Medium Density Residential	Building Heights Overlay - Precinct 3	NA	66

Column 1 Zone	Column 2 Precinct / Location	Column 3 Planned density	
		Non-residential density (floor Space (m ²)/ employee)	Residential density (dwellings/ net dev ha)
Township		NA	9
Tourist Accommodation		NA	74
Tourist Accommodation	City Centre Local Plan Precinct 2a	NA	368
Tourist Accommodation	Building Heights Overlay - Precinct 1	NA	180
Tourist Accommodation	Building Heights Overlay - Precinct 2	NA	90
Tourist Accommodation	Building Heights Overlay - Precinct 3	NA	75
Tourist Accommodation	Islands - Fitzroy Island	NA	6
Tourist Accommodation	Islands - Green Island	NA	18
Tourist Accommodation	Islands - Double Island	NA	6
Principal Centre	City Centre Local Plan Precinct 1	NA	406
Principal Centre	City Centre Local Plan Precinct 2	NA	248
Principal Centre	City Centre Local Plan Sub-Precinct 1a	NA	0
Major Centre	Edmonton - Precinct 1 - Centre Core	NA	23
Major Centre	Edmonton - Precinct 2 - Centre Frame	NA	23
District Centre	Gordonvale	NA	4
District Centre	Babinda	NA	4
Local Centre		NA	6
Neighbourhood Centre		NA	4
Specialised Centre	Hospitals & Allied Medical - BHO Precinct 1 – T&R Component	NA	180
Mixed Use	Commercial - BHO Precinct 1	NA	116
Mixed Use	Commercial - City Centre Local Plan Precinct 2	NA	155
Mixed Use	Commercial - BHO Precinct 2a	NA	219
Mixed Use	Commercial - BHO Precinct 2	NA	76
Mixed Use	Commercial - BHO Precinct 3a	NA	53
Mixed Use	Commercial - BHO Precinct 3	NA	45
Mixed Use	Commercial	NA	26
Mixed Use	Trades and Services - BHO Precinct 3	NA	45
Mixed Use	Trades and Services	NA	2

Column 1 Zone	Column 2 Precinct / Location	Column 3 Planned density	
		Non-residential density (floor Space (m ²)/ employee)	Residential density (dwellings/ net dev ha)
Mixed Use	Residential	NA	44
Strategic Port Land	City Port LP - Precinct 8	NA	274
Strategic Port Land	City Port LP - Precinct 10	NA	309
Strategic Port Land	City Port LP - Precinct 11	NA	229
Strategic Port Land	City Port LP - Precinct 2	NA	192
Strategic Port Land	City Port LP - Precinct 3	NA	15
Strategic Port Land	City Port LP - Precinct 4	NA	216
Strategic Port Land	City Port LP - Precinct 5	NA	179
Strategic Port Land	City Port LP - Precinct 6	NA	139
Strategic Port Land	City Port LP - Precinct 7	NA	67
Non-residential development			
Rural	Edmonton Business - Precinct 2 - Industry	150	NA
Rural	Edmonton Business - Precinct 7 - High Impact Sports	20	NA
Rural	Edmonton Business - Precinct 8 - Future Investigation	150	NA
Emerging Communities	Edmonton Business - Precinct 1 - Business, Trade & Services	30	NA
Emerging Communities	Edmonton Business - Precinct 2 - Industry	150	NA
Emerging Communities	Edmonton Business - Precinct 3 - Transport & High Impact Industry	150	NA
Emerging Communities	Edmonton Business - Precinct 4 - Mixed Use Centre	30	NA
Emerging Communities	Edmonton Business - Precinct 8 - Future Investigation	30	NA
Emerging Communities	Gordonvale Local Plan - Precinct 3 – Riverstone Road	150	NA
Low Density Residential	Edmonton Business - Precinct 2 - Industry	150	NA
Principal Centre	City Centre Local Plan Precinct 1	30	NA
Principal Centre	City Centre Local Plan Precinct 2	30	NA
Principal Centre	City Centre Local Plan Sub-Precinct 1a	30	NA
Major Centre	Earlville	30	NA
Major Centre	Smithfield	30	NA
Major Centre	Edmonton - Precinct 1 - Centre Core	30	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Planned density	
		Non-residential density (floor Space (m ²)/ employee)	Residential density (dwellings/ net dev ha)
Major Centre	Edmonton - Precinct 2 - Centre Frame	30	NA
District Centre		30	NA
District Centre	Gordonvale	30	NA
District Centre	Babinda	30	NA
Local Centre		30	NA
Neighbourhood Centre		30	NA
Specialised Centre	Hospitals & Allied Medical - BHO 1 – Tourist & Residential Component	30	NA
Specialised Centre	Hospitals & Allied Medical - BHO 1	30	NA
Specialised Centre	Showgrounds & Major Sport	30	NA
Tourism		30	NA
Mixed Use	Commercial - BHO Precinct 1	30	NA
Mixed Use	Commercial - City Centre Local Plan Precinct 2	30	NA
Mixed Use	Commercial - BHO Precinct 2a	30	NA
Mixed Use	Commercial - BHO Precinct 2	30	NA
Mixed Use	Commercial - BHO Precinct 3a	30	NA
Mixed Use	Commercial - BHO Precinct 3	30	NA
Mixed Use	Commercial	30	NA
Mixed Use	Trades and Services - BHO Precinct 3	30	NA
Mixed Use	Trades and Services	30	NA
Mixed Use	Residential	30	NA
Strategic Port Land	City Port LP - Precinct 8	30	NA
Strategic Port Land	City Port LP - Precinct 10	30	NA
Strategic Port Land	City Port LP - Precinct 11	30	NA
Strategic Port Land	City Port LP - Precinct 12	30	NA
Strategic Port Land	City Port LP - Precinct 1	30	NA
Strategic Port Land	City Port LP - Precinct 2	30	NA
Strategic Port Land	City Port LP - Precinct 3	30	NA
Strategic Port Land	City Port LP - Precinct 4	30	NA
Strategic Port Land	City Port LP - Precinct 5	30	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Planned density	
		Non-residential density (floor Space (m ²)/ employee)	Residential density (dwellings/ net dev ha)
Strategic Port Land	City Port LP - Precinct 6	30	NA
Strategic Port Land	City Port LP - Precinct 7	30	NA
Strategic Port Land	Sea Port LP - Commercial & Business	30	NA
Strategic Port Land	Sea Port LP - Industrial	150	NA
Strategic Port Land	Sea Port LP - Industrial & Liquid Bulk	150	NA
Strategic Port Land	Sea Port LP - Mixed Cargo	150	NA
Strategic Port Land	Sea Port LP - Navy	150	NA
Strategic Port Land	Sea Port LP - Waterfront Industry	150	NA
Strategic Port Land		30	NA
Low Impact Industry		150	NA
Low Impact Industry	Edmonton Business - Precinct 1 - Business, Trade & Services	30	NA
Low Impact Industry	Edmonton Business - Precinct 2 - Industry	150	NA
Medium Impact Industry		150	NA
Medium Impact Industry	Gordonvale Local Plan - Precinct 3 – Riverstone Road	150	NA
High Impact Industry		150	NA
High Impact Industry	Gordonvale Local Plan - Precinct 5 - Mill	150	NA
Waterfront and Marine Industry		150	NA
Community Facilities		25	NA
Community Facilities	City Centre Local Plan Precinct 1	30	NA
Community Facilities	City Centre Local Plan Precinct 2a	30	NA
Community Facilities	Edmonton Business - Precinct 2 - Industry	150	NA
Special Purpose		25	NA
Special Purpose	Developed - e.g. Depot, Office.	30	NA
Sport and Recreation		NA	NA
Sport and Recreation	With pool	NA	NA
Sport and Recreation	Edmonton Business - Precinct 7 - High Impact Sports	NA	NA
Sport and Recreation	Edmonton Business - Precinct 8 - Future Investigation	150	NA
Open Space		NA	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Planned density	
		Non-residential density (floor Space (m ²)/ employee)	Residential density (dwellings/ net dev ha)
Open Space	Active with pool (esplanade lagoon)	NA	NA
Open Space	Active without pool (esplanade)	NA	NA
Environmental Management		NA	NA
Conservation		NA	NA

Table SC3.2.4 Demand generation rate for trunk infrastructure network

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/ Ha)
Residential development							
Rural		0.06	0.06	0.2	0.2	0.05	0.06
Rural	Babinda Local Plan Site C	24	24	88	88	0.4	24
Rural Residential		6	6	21	21	0.2	6
Emerging Communities		41	41	152	152	0.5	41
Emerging Communities	Mount Peter Precinct 2 - Cooper Road - Residential 12-15 Dwellings	35	35	130	130	0.5	35
Emerging Communities	Mount Peter Precinct 2 - Cooper Road - Residential 15-20 Dwellings	49	49	180	180	0.5	49
Emerging Communities	Mount Peter Precinct 3 - Maitland Road	35	35	130	130	0.5	35
Emerging Communities	Mount Peter Precinct 4 - Future Urban Communities	35	35	130	130	0.5	35
Emerging Communities	Gordonvale Local Plan - Precinct 4 - Draper Road Residential	30	30	110	110	0.5	30
Low Density Residential		30	30	111	111	0.4	30
Low Density Residential	Babinda	24	24	88	88	0.4	24

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/Ha)
Low-Medium Density Residential		41	41	152	152	0.6	41
Medium Density Residential		130	130	479	479	0.75	130
Medium Density Residential	Building Heights Overlay - Precinct 3	179	179	657	657	0.75	179
Township		24	24	88	88	0.4	24
Tourist Accommodation		202	202	741	741	0.75	202
Tourist Accommodation	City Centre Local Plan Precinct 2a	1002	1002	3681	3681	0.75	1002
Tourist Accommodation	Building Heights Overlay - Precinct 1	490	490	1801	1801	0.75	490
Tourist Accommodation	Building Heights Overlay - Precinct 2	245	245	898	898	0.75	245
Tourist Accommodation	Building Heights Overlay - Precinct 3	204	204	751	751	0.75	204
Tourist Accommodation	Islands - Fitzroy Island	17	17	62	62	0.75	17
Tourist Accommodation	Islands - Green Island	50	50	185	185	0.75	50
Tourist Accommodation	Islands - Double Island	17	17	62	62	0.75	17
Principal Centre	City Centre Local Plan Precinct 1	1104	1104	4056	4056	1	1104
Principal Centre	City Centre Local Plan Precinct 2	676	676	2484	2484	1	676
Principal Centre	City Centre Local Plan Sub-Precinct 1a	0	0	0	0	1	0
Major Centre	Edmonton - Precinct 1 - Centre Core	62	62	229	229	1	62
Major Centre	Edmonton - Precinct 2 - Centre Frame	62	62	229	229	1	62
District Centre	Gordonvale	10	10	37	37	1	10
District Centre	Babinda	10	10	37	37	1	10
Local Centre		17	17	64	64	0.9	17

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/ Ha)
Neighbourhood Centre		11	11	40	40	0.9	11
Specialised Centre	Hospitals & Allied Medical - BHO Precinct 1 - T&R Component	490	490	1801	1801	0.9	490
Mixed Use	Commercial - BHO Precinct 1	316	316	1161	1161	0.9	316
Mixed Use	Commercial - City Centre Local Plan Precinct 2	421	421	1547	1547	0.9	421
Mixed Use	Commercial - BHO Precinct 2a	596	596	2191	2191	0.9	596
Mixed Use	Commercial - BHO Precinct 2	207	207	761	761	0.9	207
Mixed Use	Commercial - BHO Precinct 3a	145	145	534	534	0.9	145
Mixed Use	Commercial - BHO Precinct 3	122	122	448	448	0.9	122
Mixed Use	Commercial	72	72	263	263	0.9	72
Mixed Use	Trades and Services - BHO Precinct 3	122	122	448	448	0.9	122
Mixed Use	Trades and Services	5	5	20	20	0.9	5
Mixed Use	Residential	121	121	443	443	0.9	121
Strategic Port Land	City Port LP - Precinct 8	746	746	2743	2743	1	746
Strategic Port Land	City Port LP - Precinct 10	840	840	3086	3086	1	840
Strategic Port Land	City Port LP - Precinct 11	622	622	2286	2286	1	622
Strategic Port Land	City Port LP - Precinct 2	522	522	1919	1919	1	522
Strategic Port Land	City Port LP - Precinct 3	42	42	154	154	1	42
Strategic Port Land	City Port LP - Precinct 4	588	588	2160	2160	1	588
Strategic Port Land	City Port LP - Precinct 5	487	487	1790	1790	1	487
Strategic Port Land	City Port LP - Precinct 6	378	378	1389	1389	1	378

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/Ha)
Strategic Port Land	City Port LP - Precinct 7	182	182	669	669	1	182
Non-residential development							
Rural	Edmonton Business - Precinct 2 - Industry	41	41	150	NA	0.9	NA
Rural	Edmonton Business - Precinct 7 - High Impact Sports	24	24	45	NA	0.9	NA
Rural	Edmonton Business - Precinct 8 - Future Investigation	41	41	150	NA	0.9	NA
Emerging Communities	Edmonton Business - Precinct 1 - Business, Trade & Services	22	22	160	NA	0.9	NA
Emerging Communities	Edmonton Business - Precinct 2 - Industry	41	41	150	NA	0.9	NA
Emerging Communities	Edmonton Business - Precinct 3 - Transport & High Impact Industry	41	41	150	NA	0.9	NA
Emerging Communities	Edmonton Business - Precinct 4 - Mixed Use Centre	38	38	140	NA	0.9	NA
Emerging Communities	Edmonton Business - Precinct 8 - Future Investigation	41	41	150	NA	0.9	NA
Emerging Communities	Gordonvale Local Plan - Precinct 3 – Riverstone Road	41	41	113	NA	0.9	NA
Low Density Residential	Edmonton Business - Precinct 2 - Industry	41	41	150	NA	0.9	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/Ha)
Principal Centre	City Centre Local Plan Precinct 1	163	163	1200	NA	1	NA
Principal Centre	City Centre Local Plan Precinct 2	163	163	1200	NA	1	NA
Principal Centre	City Centre Local Plan Sub-Precinct 1a	163	163	1200	NA	1	NA
Major Centre	Earlville	82	82	750	NA	1	NA
Major Centre	Smithfield	82	82	750	NA	1	NA
Major Centre	Edmonton - Precinct 1 - Centre Core	38	38	350	NA	1	NA
Major Centre	Edmonton - Precinct 2 - Centre Frame	38	38	350	NA	1	NA
District Centre		76	76	700	NA	1	NA
District Centre	Gordonvale	68	68	625	NA	1	NA
District Centre	Babinda	68	68	625	NA	1	NA
Local Centre		46	46	340	NA	0.9	NA
Neighbourhood Centre		38	38	280	NA	0.9	NA
Specialised Centre	Hospitals & Allied Medical - BHO 1 – Tourist & Residential Component	82	82	300	NA	0.9	NA
Specialised Centre	Hospitals & Allied Medical - BHO 1	354	354	1950	NA	0.9	NA
Specialised Centre	Showgrounds & Major Sport	33	33	120	NA	0.2	NA
Tourism		27	27	100	NA	0.2	NA
Mixed Use	Commercial - BHO Precinct 1	82	82	300	NA	0.9	NA
Mixed Use	Commercial - City Centre Local Plan Precinct 2	82	82	300	NA	0.9	NA
Mixed Use	Commercial - BHO Precinct 2a	82	82	300	NA	0.9	NA
Mixed Use	Commercial - BHO Precinct 2	46	46	170	NA	0.9	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/ Ha)
Mixed Use	Commercial - BHO Precinct 3a	82	82	300	NA	0.9	NA
Mixed Use	Commercial - BHO Precinct 3	46	46	170	NA	0.9	NA
Mixed Use	Commercial	38	38	140	NA	0.9	NA
Mixed Use	Trades and Services - BHO Precinct 3	22	22	160	NA	0.9	NA
Mixed Use	Trades and Services	22	22	160	NA	0.9	NA
Mixed Use	Residential	11	11	40	NA	0.9	NA
Strategic Port Land	City Port LP - Precinct 8	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 10	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 11	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 12	41	41	225	NA	1	NA
Strategic Port Land	City Port LP - Precinct 1	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 2	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 3	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 4	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 5	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 6	163	163	900	NA	1	NA
Strategic Port Land	City Port LP - Precinct 7	163	163	900	NA	1	NA
Strategic Port Land	Sea Port LP - Commercial & Business	41	41	300	NA	0.9	NA
Strategic Port Land	Sea Port LP - Industrial	41	41	150	NA	0.9	NA
Strategic Port Land	Sea Port LP - Industrial & Liquid Bulk	41	41	150	NA	0.9	NA
Strategic Port Land	Sea Port LP - Mixed Cargo	41	41	150	NA	0.9	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/ Ha)
Strategic Port Land	Sea Port LP - Navy	41	41	150	NA	0.9	NA
Strategic Port Land	Sea Port LP - Waterfront Industry	41	41	150	NA	0.9	NA
Strategic Port Land		41	41	150	NA	0.9	NA
Low Impact Industry		22	22	160	NA	0.9	NA
Low Impact Industry	Edmonton Business - Precinct 1 - Business, Trade & Services	22	22	160	NA	0.9	NA
Low Impact Industry	Edmonton Business - Precinct 2 - Industry	41	41	150	NA	0.9	NA
Medium Impact Industry		41	41	113	NA	0.9	NA
Medium Impact Industry	Gordonvale Local Plan - Precinct 3 – Riverstone Road	41	41	113	NA	0.9	NA
High Impact Industry		41	41	75	NA	0.9	NA
High Impact Industry	Gordonvale Local Plan - Precinct 5 - Mill	41	41	75	NA	0.9	NA
Waterfront and Marine Industry		41	41	113	NA	0.9	NA
Community Facilities		22	22	80	NA	0.2	NA
Community Facilities	City Centre Local Plan Precinct 1	163	163	600	NA	0.9	NA
Community Facilities	City Centre Local Plan Precinct 2a	163	163	600	NA	0.9	NA
Community Facilities	Edmonton Business - Precinct 2 - Industry	41	41	150	NA	0.9	NA
Special Purpose		3	3	10	NA	0.2	NA
Special Purpose	Developed - e.g. Depot, Office.	8	8	8	NA	0.9	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network					
		Water supply network (EP/Ha)	Waste water network (EP/Ha)	Transport (Roads) network (Trips/Ha)	Transport (Pedestrian & cycle movement) network (Trips/Ha)	Stormwater network (impervious fraction)	PLCF network (Persons/Ha)
Sport and Recreation		24	24	45	NA	0.1	NA
Sport and Recreation	With pool	79	79	290	NA	0.1	NA
Sport and Recreation	Edmonton Business - Precinct 7 - High Impact Sports	24	24	45	NA	0.1	NA
Sport and Recreation	Edmonton Business - Precinct 8 - Future Investigation	41	41	150	NA	0.1	NA
Open Space		0	0	0	NA	0	NA
Open Space	Active with pool (esplanade lagoon)	29	29	14.5	NA	0	NA
Open Space	Active without pool (esplanade)	9	9	4.5	NA	0	NA
Environmental Management		0	0	0	NA	0	NA
Conservation		0	0	0	NA	0	NA

Table SC3.2.5 – Existing and projected residential dwellings

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings					
		2018 (Existing)	2021	2026	2031	2036	Ultimate development (capacity)
Cairns Beaches	Single dwelling	6,094	6,424	6,945	7,448	7,799	9,391
	Multiple dwelling	2,574	2,713	2,933	3,145	3,293	3,966
	Other dwelling	265	279	302	324	339	408
	Total	8,933	9,416	10,180	10,917	11,431	13,765
Barron - Smithfield	Single dwelling	5,240	5,573	6,127	6,615	6,915	8,380
	Multiple dwelling	2,213	2,353	2,587	2,794	2,920	3,539
	Other dwelling	228	242	266	288	301	364
	Total	7,681	8,169	8,981	9,697	10,135	12,284
Redlynch Valley	Single dwelling	2,462	2,595	2,786	2,943	3,046	3,575

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings					
		2018 (Existing)	2021	2026	2031	2036	Ultimate development (capacity)
	Multiple dwelling	1,040	1,096	1,177	1,243	1,286	1,510
	Other dwelling	107	113	121	128	132	155
	Total	3,608	3,804	4,084	4,314	4,464	5,240
Freshwater - Stratford - Aeroglen	Single dwelling	1,150	1,187	1,246	1,296	1,328	1,507
	Multiple dwelling	485	501	526	547	561	636
	Other dwelling	50	52	54	56	58	65
	Total	1,685	1,740	1,827	1,900	1,947	2,209
CBD - North Cairns	Single dwelling	4,855	5,199	5,712	6,446	7,282	10,865
	Multiple dwelling	2,050	2,195	2,412	2,722	3,075	4,588
	Other dwelling	211	226	248	280	317	472
	Total	7,116	7,620	8,373	9,448	10,674	15,925
Portsmouth - Woree Industrial	Single dwelling	261	283	304	327	347	437
	Multiple dwelling	110	119	128	138	146	185
	Other dwelling	11	12	13	14	15	19
	Total	382	414	446	479	508	641
Inner Suburbs	Single dwelling	17,457	17,996	19,280	20,425	21,210	24,399
	Multiple dwelling	7,372	7,599	8,142	8,625	8,957	10,303
	Other dwelling	759	782	838	888	922	1,061
	Total	25,588	26,377	28,259	29,939	31,089	35,763
White Rock - Edmonton	Single dwelling	8,816	9,184	9,828	10,578	10,871	12,403
	Multiple dwelling	3,723	3,878	4,150	4,467	4,591	5,238
	Other dwelling	383	399	427	460	473	539
	Total	12,921	13,461	14,405	15,504	15,934	18,180
Mt Peter	Single dwelling	71	166	331	424	433	469
	Multiple dwelling	30	70	140	179	183	198
	Other dwelling	3	7	14	18	19	20
	Total	104	244	486	622	634	688
Gordonvale - Goldsborough	Single dwelling	1,492	1,538	1,631	1,690	1,724	2,444
	Multiple dwelling	630	649	689	714	728	1,032
	Other dwelling	65	67	71	73	75	106

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings					
		2018 (Existing)	2021	2026	2031	2036	Ultimate development (capacity)
	Total	2,187	2,254	2,390	2,477	2,527	3,582
Babinda	Single dwelling	374	378	385	389	393	425
	Multiple dwelling	158	160	163	164	166	179
	Other dwelling	16	16	17	17	17	18
	Total	549	554	564	571	576	623
Inside priority infrastructure area (total)	Single dwelling	48,272	50,522	54,576	58,582	61,347	74,295
	Multiple dwelling	20,385	21,335	23,047	24,739	25,906	31,374
	Other dwelling	2,098	2,196	2,372	2,546	2,667	3,229
	Total	70,755	74,053	79,996	85,867	89,920	108,898
Outside priority infrastructure area (total)	Single dwelling	3,097	3,140	3,240	3,432	4,447	13,700
	Multiple dwelling	1,308	1,326	1,368	1,449	1,878	5,786
	Other dwelling	135	137	141	149	193	595
	Total	4,539	4,603	4,749	5,031	6,518	20,081
Cairns Regional Council	Single dwelling	51,369	53,663	57,816	62,014	65,794	87,995
	Multiple dwelling	21,693	22,661	24,415	26,188	27,784	37,160
	Other dwelling	2,233	2,333	2,513	2,696	2,860	3,825
	Total	75,294	78,657	84,744	90,898	96,438	128,980

Table SC3.2.6 – Existing and projected non-residential floor space

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Non Residential Floor Space m ²					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
Cairns Beaches	Retail	19,537	20,627	22,637	24,635	26,472	37,006
	Commercial	55,990	59,965	67,295	74,582	81,279	119,690
	Industry	90,750	90,750	90,750	90,750	90,750	90,750
	Community Purposes	15,902	17,292	19,855	22,403	24,745	38,176
	Rural and Other Uses	7,409	8,292	9,719	11,085	12,077	16,441
	Total	189,587	196,926	210,257	223,455	235,324	302,063

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Non Residential Floor Space m ²					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
Barron - Smithfield	Retail	17,732	19,085	21,481	23,691	25,328	33,425
	Commercial	42,589	47,523	56,261	64,318	70,286	99,814
	Industry	98,461	100,803	104,906	108,544	110,680	118,829
	Community Purposes	19,175	20,900	23,956	26,773	28,860	39,186
	Rural and Other Uses	7,124	8,030	9,580	10,920	11,765	16,196
	Total	185,081	196,341	216,184	234,247	246,918	307,449
Redlynch Valley	Retail	6,324	6,635	7,191	7,721	8,177	10,247
	Commercial	19,283	20,417	22,442	24,375	26,040	33,587
	Industry	36,318	36,318	36,318	36,318	36,318	36,318
	Community Purposes	13,449	13,845	14,554	15,230	15,812	18,451
	Rural and Other Uses	5,668	6,025	6,543	6,954	7,237	8,950
	Total	81,043	83,241	87,048	90,598	93,585	107,553
Freshwater - Stratford - Aeroglen	Retail	5,470	5,664	6,029	6,395	6,739	8,674
	Commercial	24,593	25,302	26,633	27,965	29,220	36,279
	Industry	271,925	277,737	288,796	299,744	308,588	350,491
	Community Purposes	13,565	13,813	14,279	14,745	15,183	17,652
	Rural and Other Uses	3,802	3,895	4,046	4,167	4,253	4,830
	Total	319,355	326,412	339,782	353,016	363,982	417,926
CBD - North Cairns	Retail	21,742	24,627	30,079	35,621	41,016	72,728
	Commercial	146,956	157,479	177,357	197,565	217,239	332,875
	Industry	82,207	83,300	85,469	87,633	89,299	95,428
	Community Purposes	34,793	38,472	45,423	52,490	59,369	99,805
	Rural and Other Uses	8,799	9,744	11,180	13,273	15,743	24,741
	Total	294,497	313,623	349,508	386,582	422,666	625,576
Portsmith - Woree Industrial	Retail	3,178	3,329	3,621	3,920	4,203	5,700
	Commercial	6,616	7,168	8,234	9,321	10,355	15,813
	Industry	78,403	109,833	169,497	228,318	276,083	506,518

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Non Residential Floor Space m ²					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
	Community Purposes	6,774	6,967	7,340	7,720	8,081	9,990
	Rural and Other Uses	4,038	4,099	4,158	4,220	4,277	4,583
	Total	99,008	131,397	192,850	253,498	302,999	542,605
Inner Suburbs	Retail	141,197	142,663	145,730	148,763	151,455	164,009
	Commercial	522,534	527,880	539,061	550,123	559,938	605,716
	Industry	1,159,158	1,165,170	1,176,984	1,188,738	1,197,895	1,234,009
	Community Purposes	172,021	173,891	177,801	181,668	185,101	201,108
	Rural and Other Uses	77,960	79,280	82,741	85,772	87,959	98,246
	Total	2,072,871	2,088,884	2,122,317	2,155,064	2,182,348	2,303,089
White Rock - Edmonton	Retail	19,468	20,591	22,618	24,949	27,189	46,663
	Commercial	44,159	48,253	55,643	64,143	72,313	143,322
	Industry	132,825	139,014	150,290	162,614	176,011	276,287
	Community Purposes	25,004	26,436	29,020	31,992	34,849	59,680
	Rural and Other Uses	10,215	11,168	12,901	14,949	15,739	20,758
	Total	231,673	245,462	270,472	298,646	326,101	546,709
Mt Peter	Retail	64	139	274	426	712	3,590
	Commercial	245	518	1,011	1,566	2,608	13,102
	Industry	293	293	293	293	293	293
	Community Purposes	101	197	369	563	928	4,597
	Rural and Other Uses	249	532	1,033	1,307	1,328	1,481
	Total	951	1,679	2,980	4,155	5,868	23,063
Gordonvale - Goldsborough	Retail	3,305	3,410	3,608	3,807	4,156	6,993
	Commercial	10,658	11,041	11,763	12,489	13,760	24,105
	Industry	44,381	46,012	49,060	52,181	55,074	72,713
	Community Purposes	6,036	6,170	6,422	6,676	7,121	10,738
	Rural and Other Uses	2,971	3,082	3,326	3,468	3,556	5,828

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Non Residential Floor Space m ²					
		2018	2021	2026	2031	2036	Ultimate development (capacity)
	Total	67,351	69,715	74,179	78,621	83,667	120,376
Babinda	Retail	499	539	641	686	803	1,772
	Commercial	1,472	1,617	1,987	2,154	2,580	6,114
	Industry	7,637	10,066	16,295	19,025	24,845	64,196
	Community Purposes	1,180	1,231	1,360	1,418	1,567	2,803
	Rural and Other Uses	2,181	2,186	2,197	2,201	2,208	2,310
	Total	12,969	15,638	22,480	25,484	32,004	77,196
Inside priority infrastructure area (total)	Retail	238,516	247,310	263,909	280,614	296,250	390,808
	Commercial	875,095	907,163	967,688	1,028,601	1,085,619	1,430,417
	Industry	2,002,358	2,059,296	2,168,658	2,274,157	2,365,836	2,845,832
	Community Purposes	308,000	319,214	340,378	361,678	381,616	502,185
	Rural and Other Uses	130,417	136,335	147,425	158,316	166,142	204,365
	Total	3,554,386	3,669,318	3,888,057	4,103,366	4,295,463	5,373,607
Outside priority infrastructure area (total)	Retail	6,016	7,307	9,733	12,201	14,833	33,263
	Commercial	16,571	21,281	30,127	39,124	48,722	115,926
	Industry	171,806	204,547	264,334	329,298	400,048	924,646
	Community Purposes	3,797	5,444	8,538	11,684	15,040	38,540
	Rural and Other Uses	14,987	15,067	15,289	15,798	18,835	47,798
	Total	213,177	253,646	328,022	408,105	497,478	1,160,173
Cairns Regional Council	Retail	244,531	254,618	273,642	292,814	311,083	424,071
	Commercial	891,665	928,444	997,815	1,067,726	1,134,341	1,546,343
	Industry	2,174,164	2,263,843	2,432,992	2,603,455	2,765,884	3,770,477
	Community Purposes	311,797	324,658	348,916	373,362	396,656	540,725
	Rural and Other Uses	145,404	151,401	162,714	174,114	184,977	252,162
	Total	3,767,562	3,922,964	4,216,079	4,511,471	4,792,941	6,533,779

SC3.3 Schedules of works

Table SC3.3.1 - Water supply network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WIF001	Intake and Pump Station - Barron River Intake and Pump Station		2041	\$128,459,633
WIF002	Intake and Pump Station - Mulgrave River Intake Stage 1		2026	Included in budget for WTPF004
WPSF001	Pump Station - Warren Road Pump Station		2020	\$686,790
WPSF002	Pump Station - Discovery Drive Pump Station		2023	\$1,093,911
WPSF003	Pump Station - Trinity Beach Booster Pump System		2022	\$993,891
WPSF004	Pump Station - Lyndal Drive Pump Station		2025	\$5,599,869
WRF001	Reservoir - Kamerunga Reservoir and Clear Water Storage		2026	\$5,539,461
WRF002	Pump Station - Mount Peter High Level Pump Station		2026	\$1,130,488
WRF002	Reservoir - Mount Peter High Level Reservoir		2026	\$3,847,111
WRF003	Reservoir - Goldsborough Low Level		2031	\$876,687
WRF004	Reservoir - Mount Peter Low Level Reservoir		2036	\$5,663,708
WRF005	Reservoir - Draper Road High Level Reservoir		2041	\$2,967,932
WTPF002	Water Treatment Plant - Kamerunga WTP Stage 1 (25ML/d)		2041	\$57,446,901
WTPF003	Water Treatment Plant - Draper Rd WTP Stage 2 (19 ML/d)		2026	Included in budget for WTPF004
WTPF004	Water Treatment Plant - Draper Rd WTP Stage 1 (40 ML/d)		2026	\$204,905,474
WMF001	Water Main (450)	1,030	2022	\$2,596,781

Note—11. Table SC3.2.1.a Column 5 - The establishment cost is expressed in current cost terms as at the base date.



Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF002	Water Main (450)	602	2022	\$1,517,399
WMF003	Water Main (450)	274	2022	\$690,710
WMF004	Water Main (150)	916	2031	\$397,556
WMF005	Water Main (150)	300	2031	\$130,197
WMF006	Water Main (150)	2,327	2031	\$1,009,876
WMF007	Water Main (900)	3,170	2041	Included in budget for WIF001
WMF008	Water Main (750)	284	2041	Included in budget for WTPF002
WMF009	Water Main (150)	373	2031	\$161,999
WMF010	Water Main (150)	657	2031	\$284,967
WMF011	Water Main (150)	404	2031	\$175,316
WMF012	Water Main (525)	6,002	2026	Included in budget for WTPF004
WMF013	Water Main (375)	912	2020	\$4,479,953
WMF014	Water Main (375)	1,981	2020	Included in budget for WMF013
WMF015	Water Main (600)	373	2041	\$3,167,529
WMF016	Water Main (375)	941	2026	\$2,370,612
WMF017	Water Main (300)	702	2026	\$531,661
WMF018	Water Main (225)	117	2026	\$67,706
WMF019	Water Main (225)	614	2023	\$590,534
WMF020	Water Main (225)	64	2023	\$356,372
WMF021	Water Main (300)	1,825	2041	Included in budget for WMF015
WMF022	Water Main (375)	1,259	2041	\$2,003,542
WMF023	Water Main (300)	499	2023	\$1,503,864
WMF025	Water Main (225)	344	2023	Included in budget for WMF023
WMF026	Water Main (225)	343	2023	\$198,688
WMF027	Water Main (225)	68	2023	\$69,761
WMF028	Water Main (225)	345	2026	\$200,005
WMF029	Water Main (225)	121	2031	\$116,896
WMF030	Water Main (300)	2,617	2026	Included in budget for WTPF004

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF031	Water Main (300)	536	2026	Included in budget for WTPF004
WMF032	Water Main (375)	681	2026	\$1,193,049
WMF033	Water Main (225)	18	2031	\$10,656
WMF034	Water Main (450)	639	2023	\$1,821,977
WMF035	Water Main (225)	294	2023	\$282,857
WMF036	Water Main (600)	743	2031	\$2,949,867
WMF037	Water Main (225)	184	2023	\$106,731
WMF038	Water Main (225)	19	2026	\$11,091
WMF039	Water Main (225)	592	2036	\$343,127
WMF109	Water Main (525)	754	2036	\$1,773,484
WMF041	Water Main (375)	383	2026	\$564,120
WMF042	Water Main (300)	681	2031	\$515,986
WMF043	Water Main (525)	2,078	2026	\$4,326,291
WMF046	Water Main (450)	1,113	2026	\$3,173,689
WMF047	Water Main (300)	339	2026	\$426,170
WMF048	Water Main (300)	745	2026	\$564,106
WMF049	Water Main (300)	47	2026	\$83,595
WMF050	Water Main (375)	66	2026	\$187,599
WMF051	Water Main (300)	230	2031	\$289,455
WMF052	Water Main (300)	25	2023	\$31,725
WMF053	Water Main (300)	572	2023	\$433,447
WMF054	Water Main (225)	300	2036	\$173,805
WMF055	Water Main (375)	457	2036	\$800,934
WMF056	Water Main (225)	457	2026	\$265,131
WMF057	Water Main (225)	598	2031	\$346,722
WMF058	Water Main (375)	447	2026	\$782,949
WMF059	Water Main (225)	505	2036	\$486,467
WMF060	Water Main (225)	219	2023	\$235,820
WMF061	Water Main (225)	601	2036	\$348,299

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF062	Water Main (225)	473	2031	\$274,245
WMF063	Water Main (225)	365	2031	\$211,328
WMF064	Water Main (300)	1,289	2026	Included in budget for WTPF004
WMF065	Water Main (300)	769	2026	Included in budget for WTPF004
WMF066	Water Main (600)	870	2031	\$3,879,063
WMF067	Water Main (450)	666	2036	\$2,130,601
WMF068	Water Main (375)	645	2031	\$1,625,488
WMF069	Water Main (300)	1,010	2031	\$1,269,323
WMF070	Water Main (300)	230	2041	Included in budget for WMF015
WMF071	Water Main (225)	20	2023	\$11,653
WMF072	Water Main (300)	74	2023	\$93,464
WMF073	Water Main (375)	141	2023	\$391,752
WMF074	Water Main (225)	667	2036	\$386,628
WMF075	Water Main (225)	183	2031	\$249,046
WMF076	Water Main (600)	1,478	2031	\$6,593,757
WMF077	Water Main (450)	413	2023	\$688,098
WMF078	Water Main (225)	339	2036	\$326,329
WMF079	Water Main (600)	1,960	2031	\$7,784,739
WMF080	Water Main (450)	1,333	2036	\$4,266,066
WMF081	Water Main (225)	37	2026	\$50,766
WMF082	Water Main (450)	943	2036	\$3,019,261
WMF083	Water Main (225)	44	2031	\$59,581
WMF084	Water Main (300)	301	2036	\$535,697
WMF085	Water Main (225)	23	2023	\$21,876
WMF086	Water Main (225)	246	2036	\$142,729
WMF087	Water Main (225)	498	2023	\$511,339
WMF088	Water Main (600)	692	2026	\$1,608,068
WMF089	Water Main (225)	251	2031	\$145,796

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF090	Water Main (300)	263	2023	\$199,229
WMF091	Water Main (1050)	1,804	2026	Included in budget for WTPF004
WMF092	Water Main (600)	2,603	2026	Included in budget for WTPF004
WMF093	Water Main (800)	1,923	2026	Included in budget for WTPF004
WMF094	Water main (500)	1,974	2036	\$3,952,056
WMF095	Water Main (500)	998	2024	\$3,415,809
WMF096	Water Main (750)	276	2031	\$1,753,559
WMF097	Water Main (750)	408	2041	Included in budget for WTPF002
WMF098	Water Main (750)	697	2041	Included in budget for WTPF002
WMF099	Water Main (600)	1,503	2026	\$3,492,319
WMF100	Water Main (600)	578	2036	\$1,343,521
WMF101	Water Main (225)	1,254	2022	\$1,067,293
WMF102	Water Main (225)	593	2023	Included in budget for WPSF002
WMF103	Water Main (150)	220	2041	\$108,762
WMF104	Water Main (600)	62	2021	\$217,850
WMF105	Water Main (600)	14	2021	\$47,997
WMF106	Water Main (600)	1,285	2021	\$4,515,724
WMF107	Water Main (600)	1,258	2021	\$4,419,273
WMF108	Water Main (300)	321	2026	\$315,503
WMF044	Water Main (375)	193	2026	\$284,801
WMF110	Water Main (450)	1,236	2031	\$2,061,011
WMF111	Water Main (300)	1,469	2041	\$1,112,200
WMF112	Water Main (225)	1,560	2041	\$904,459
WMF113	Water Main (300)	222	2041	\$168,426
WMF114	Water Main (300)	563	2031	\$425,921
WMF115	Water Main (300)	76	2031	\$57,278
WMF116	Water Main (375)	468	2036	\$689,392
WMF117	Water Main (225)	1,031	2036	\$598,039

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF118	Water Main (225)	1,205	2041	\$698,500
WMF119	Water Main (375)	613	2041	\$902,834
WMF120	Water Main (300)	1,136	2041	\$860,354
WMF121	Water Main (225)	622	2041	\$360,634
WMF122	Water Main (225)	1,355	2041	\$785,362
WMF123	Water Main (225)	342	2041	\$198,636
WMF124	Water Main (225)	1,408	2041	\$816,906
WMF125	Water Main (300)	516	2036	\$390,892
WMF126	Water Main (300)	350	2036	\$265,280
WMF127	Water Main (225)	468	2041	\$271,352
WMF128	Water Main (225)	19	2041	\$10,757
WMF129	Water Main (225)	270	2041	\$156,706
WMF130	Water Main (225)	799	2041	\$463,506
WMF131	Water Main (225)	904	2041	\$524,400
WMF132	Water Main (225)	244	2041	\$141,575
WMF133	Water Main (225)	717	2041	\$415,918
WMF134	Water Main (225)	697	2041	\$403,847
WMF135	Water Main (225)	933	2041	\$541,143
WMF136	Water Main (300)	728	2041	\$551,610
WMF137	Water Main (225)	424	2041	\$246,021
WMF138	Water Main (225)	744	2041	\$431,126
WMF139	Water Main (300)	762	2041	\$576,757
WMF140	Water Main (300)	708	2041	\$535,732
WMF141	Water Main (300)	533	2041	\$403,250
WMF142	Water Main (300)	361	2041	\$273,442
WMF143	Water Main (300)	80	2041	\$60,342
WMF144	Water Main (225)	654	2041	\$379,143
WMF145	Water Main (300)	26	2041	\$19,537
WMF146	Water Main (300)	556	2041	\$421,279

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF147	Water Main (300)	432	2041	\$326,879
WMF148	Water Main (225)	1,643	2036	\$952,429
WMF149	Water Main (150)	675	2041	\$293,298
WMF150	Water Main (375)	352	2036	\$518,842
WMF151	Water Main (300)	284	2036	\$215,130
WMF152	Water Main (375)	406	2036	\$598,334
WMF153	Water Main (375)	134	2036	\$196,851
WMF154	Water Main (375)	601	2036	\$885,905
WMF155	Water Main (375)	28	2036	\$41,817
WMF156	Water Main (225)	959	2036	\$555,997
WMF157	Water Main (225)	912	2031	\$529,087
WMF158	Water Main (225)	530	2036	\$307,516
WMF159	Water Main (225)	746	2041	\$432,555
WMF160	Water Main (225)	549	2041	\$318,302
WMF161	Water Main (225)	670	2041	\$388,303
WMF162	Water Main (225)	464	2041	\$269,408
WMF163	Water Main (225)	848	2046	\$492,222
WMF164	Water Main (225)	431	2046	\$250,042
WMF165	Water Main (225)	453	2046	\$262,672
WMF166	Water Main (225)	360	2046	\$208,912
WMF167	Water Main (225)	420	2041	\$243,308
WMF168	Water Main (225)	283	2046	\$164,294
WMF169	Water Main (225)	473	2046	\$274,433
WMF170	Water Main (225)	339	2046	\$196,710
WMF171	Water Main (250)	711	2046	\$454,350
WMF172	Water Main (300)	1,062	2041	\$804,176
WMF173	Water Main (225)	373	2041	\$216,391
WMF174	Water Main (225)	269	2026	\$156,121
WMF175	Water Main (300)	197	2036	\$149,306

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF176	Water Main (300)	659	2036	\$499,014
WMF177	Water Main (300)	762	2041	\$576,719
WMF178	Water Main (225)	224	2031	\$129,985
WMF179	Water Main (225)	316	2031	\$183,174
WMF180	Water Main (225)	526	2031	\$305,204
WMF181	Water Main (225)	562	2026	\$326,065
WMF182	Water Main (225)	705	2026	\$408,555
WMF183	Water Main (300)	529	2031	\$400,721
WMF184	Water Main (225)	909	2036	\$527,109
WMF185	Water Main (300)	782	2041	\$591,772
WMF186	Water Main (300)	808	2041	\$611,831
WMF187	Water Main (300)	447	2041	\$338,494
WMF188	Water Main (225)	457	2041	\$264,945
WMF189	Water Main (250)	340	2041	\$217,008
WMF190	Water Main (300)	484	2041	\$366,390
WMF191	Water Main (225)	131	2041	\$75,916
WMF192	Water Main (375)	709	2041	\$1,045,391
WMF193	Water Main (300)	140	2041	\$105,668
WMF194	Water Main (300)	1,326	2041	\$1,003,920
WMF195	Water Main (300)	637	2041	\$482,606
WMF196	Water Main (300)	340	2041	\$257,147
WMF197	Water Main (300)	731	2041	\$553,624
WMF198	Water Main (375)	854	2036	\$1,258,376
WMF199	Water Main (450)	568	2031	\$947,199
WMF200	Water Main (300)	71	2026	\$53,559
WMF201	Water Main (225)	794	2026	\$460,496
WMF040	Water Main (450)	1,578	2026	\$3,311,194
WMF202	Water Main (225)	19	2026	\$11,288
WMF203	Water Main (225)	520	2026	\$301,668

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF204	Water Main (150)	78	2026	\$33,893
WMF205	Water Main (150)	116	2023	Included in budget for WMF023
WMF206	Water Main (150)	237	2023	Included in budget for WMF023
WMF207	Water Main (225)	303	2023	Included in budget for WMF023
WMF024	Water Main (225)	282	2023	Included in budget for WMF023
WMF208	Water Main (150)	33	2023	Included in budget for WMF027
WMF209	Water Main (225)	22	2023	Included in budget for WPSF002
WMF210	Water Main (450)	10	2021	\$154,232
WMF211	Water Main (225)	94	2023	\$207,604
WMF212	Water Main (225)	60	2023	Included in budget for WMF020
WMF213	Water Main (225)	191	2023	Included in budget for WMF020
WMF214	Water Main (300)	6	2041	Included in budget for WMF015
WMF045	Water Main (450)	253	2026	\$422,232
WMF215	Water Main (300)	286	2026	\$281,423
TOTAL				\$571,247,405

Table SC3.3.2 – Wastewater network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
WWTPF01	Wastewater Treatment Plant - Marlin Coast WWTP Upgrade (Plant Upgrade)		2027	\$12,599,707
WWTPF02	Wastewater Treatment Plant - Marlin Coast WWTP Upgrade (Digester and GDD Upgrade)		2025	\$11,199,740
WWTPF03	Wastewater Treatment Plant - Marlin Coast WWTP Upgrade (Aeration and Dewatering Upgrade)		2031	\$8,399,805
WWTPF04	Wastewater Treatment Plant - Northern WWTP Upgrade (Plant Upgrade)		2031	\$22,575,451

Note—12. Table SC3.2.2 Column 5 - The establishment cost is expressed in current cost terms as at the base date.



Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
WWTPF05	Wastewater Treatment Plant - Northern WWTP Upgrade (Screen and Aeration Upgrade)		2026	\$2,799,356
WWTPF06	Wastewater Treatment Plant - Northern WWTP Upgrade (Digester Upgrade)		2026	\$7,224,144
WWTPF07	Wastewater Treatment Plant - Southern WWTP Upgrade (Plant Upgrade)		2031	\$41,740,036
WWTPF08	Wastewater Treatment Plant - Edmonton WWTP Upgrade (Major Upgrade)		2028	\$49,978,838
SPSF01	Sewage Pump Station - SPS WR1 Mechanical Electrical Upgrade		2023	\$271,136
SPSF02	Sewage Pump Station - SPS W1 Mechanical Electrical Upgrade		2019	Included in SPSF13
SPSF03	Sewage Pump Station - SPS R5 Mechanical Electrical Upgrade		2026	\$835,246
SPSF04	Sewage Pump Station - SPS S1 Mechanical Electrical Upgrade		2020	\$1,495,811
SPSF05	Sewage Pump Station - SPS T1 Mechanical Electrical Upgrade		2020	\$851,007
SPSF06	Sewage Pump Station - SPS R15 Mechanical Electrical Upgrade		2027	\$239,274
SPSF07	Sewage Pump Station - SPS R20 Mechanical Electrical Upgrade		2024	\$240,593
SPSF08	Sewage Pump Station - SPS R1 Mechanical Electrical Upgrade		2020	\$1,931,275
SPSF09	Sewage Pump Station - SPS WR4 Mechanical Electrical Upgrade		2022	\$835,246
SPSF10	Sewage Pump Station - SPS FG1 Mechanical Electrical Upgrade		2021	\$4,468,308
SPSF11	Sewage Pump Station - SPS T4 Mechanical Electrical Upgrade		2022	\$292,074
SPSF12	Sewage Pump Station - SPS S4 Mechanical Electrical Upgrade		2019	\$7,820,517

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
SPSF13	Sewage Pump Station - SPS W1 Emergency Storage Upgrade		2021	\$3,246,431
SPSF14	Sewage Pump Station - SPS WR4 Emergency Storage Upgrade		2021	Included in SPSF09
SPSF15	Sewage Pump Station - SPS S4 Decommission (replaced by new S4)		2019	Included in SPSF12
SPSF16	Sewage Pump Station - Decommission of SPS G		2022	Included in SPSF22
SPSF17	Sewage Pump Station - Decommission of SPS A		2023	\$605,448
SPSF18	Sewage Pump Station - SPS K Wet Well and Mechanical Electrical Upgrade		2021	\$2,397,673
SPSF19	Sewage Pump Station - SPS WW Mechanical Electrical and Wet Well Upgrade		2023	\$291,557
SPSF20	Sewage Pump Station - SPS ST2 Mechanical Electrical Upgrade		2023	\$259,237
SPSF21	Sewage Pump Station - SPS RL3 Mechanical Electrical Upgrade		2023	\$603,553
SPSF22	Sewage Pump Station - SPS New G Mechanical Electrical Upgrade		2023	\$8,746,818
SPSF23	Sewage Pump Station - SPS J1 Emergency Storage Upgrade		2023	\$72,984
SPSF24	Sewage Pump Station - SPS RL3 Emergency Storage Upgrade		2023	Included in SPSF21
SPSF25	Sewage Pump Station - SPS ST1 Emergency Storage Upgrade		2023	\$101,059
SPSF26	Pump Station - Pump Station PC2 Upgrade Pumps		2026	\$328,947
SPSF27	Pump Station - Pump Station PC1 Upgrade Pumps		2029	\$340,651
SPSF28	Pump Station - Pump Station CV1 Upgrade Pumps		2024	\$500,758
SPSF29	Pump Station - CB1 Sewage Pump Station Pump upgrade		2023	\$921,207

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
SPSF30	Pump Station - SPS GO5 Emergency Storage		2036	\$616,828
SPSF31	Pump Station - SPS ED6 Pump Downgrade		2031	\$81,949
SPSF32	Pump Station - SPS ED4 Emergency Storage Upgrade		2021	\$31,272
SPSF33	Pump Station - Future SPS ED11 Pump Station Construction		2031	\$1,316,146
SPSF34	Pump Station - Future SPS ED10 Pump Station Construction		2031	\$358,083
SPSF35	Pump Station - Future SPS MP3 Pump Station Construction		2041	\$3,665,486
SPSF36	Pump Station - Future SPS MP4 Pump Station Construction		2041	\$422,151
SPSF37	Pump Station - Future SPS MP5 Pump Station Construction		2046	\$321,501
SPSF38	Pump Station - Future SPS MP6 Pump Station Construction		2041	\$251,107
SPSF39	Pump Station - Future SPS MP7 Pump Station Construction		2031	\$492,971
SPSF40	Pump Station - Future SPS GO10 Pump Station Construction		2031	\$397,828
SPSF41	Pump Station - SPS ED6 Pump Upgrade		2019	\$766,631
SPSF42	Pump Station - SPS WR9 Emergency Storage Upgrade		2026	\$109,903
SPSF43	Pump Station - Future SPS MP4 Pump Station Construction		2036	\$992,104
SPSF44	Pump Station - SPS KB1 Mechanical Electrical Upgrade		2019	\$411,745
SPSF45	Pump Station - SPS SH1 Mechanical Electrical Upgrade		2021	\$670,793
SPSF46	Pump Station - SPS NP1 Mechanical Electrical Upgrade		2029	\$149,347
PMF001	Pressure Main (300)	1,148	2029	\$642,681
GMF001	Gravity Main (225)	634	2026	\$564,377
GMF002	Gravity Main (375)	233	2031	Included in budget for GMF130

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF003	Gravity Main (225)	270	2031	Included in budget for GMF004
GMF004	Gravity Main (225)	64	2031	\$1,243,982
GMF005	Gravity Main (225)	315	2031	Included in budget for GMF004
GMF006	Gravity Main (300)	106	2031	Included in budget for GMF004
GMF007	Gravity Main (225)	28	2031	Included in budget for GMF004
GMF008	Gravity Main (300)	513	2031	Included in budget for GMF004
GMF009	Gravity Main (450)	132	2036	\$6,923,030
GMF010	Gravity Main (450)	136	2036	Included in budget for GMF009
GMF011	Gravity Main (450)	102	2036	Included in budget for GMF009
GMF012	Gravity Main (450)	208	2036	Included in budget for GMF009
GMF013	Gravity Main (225)	339	2041	Included in budget for GMF014
GMF014	Gravity Main (225)	297	2041	\$8,568,692
GMF015	Gravity Main (225)	338	2041	Included in budget for GMF014
GMF016	Gravity Main (225)	241	2041	Included in budget for GMF014
GMF017	Gravity Main (225)	256	2041	Included in budget for GMF014
GMF018	Gravity Main (225)	86	2041	\$17,019,434
GMF019	Gravity Main (375)	65	2041	Included in budget for GMF014
GMF020	Gravity Main (225)	111	2041	Included in budget for GMF018
GMF021	Gravity Main (300)	303	2041	Included in budget for GMF018
GMF022	Gravity Main (375)	293	2041	Included in budget for GMF018
GMF023	Gravity Main (375)	444	2041	Included in budget for GMF018
GMF024	Gravity Main (375)	348	2041	Included in budget for GMF018
GMF025	Gravity Main (375)	214	2041	Included in budget for GMF018
GMF026	Gravity Main (225)	295	2041	Included in budget for GMF018
GMF027	Gravity Main (225)	124	2041	Included in budget for GMF018

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF028	Gravity Main (225)	157	2041	Included in budget for GMF018
GMF029	Gravity Main (825)	481	2041	\$19,430,147
GMF030	Gravity Main (825)	627	2041	Included in budget for GMF029
GMF031	Gravity Main (375)	214	2041	Included in budget for GMF018
GMF032	Gravity Main (225)	304	2036	Included in budget for GMF009
GMF033	Gravity Main (225)	185	2036	Included in budget for GMF009
GMF034	Gravity Main (225)	398	2036	Included in budget for GMF009
GMF035	Gravity Main (450)	575	2036	Included in budget for GMF009
GMF036	Gravity Main (450)	180	2036	Included in budget for GMF009
GMF037	Gravity Main (225)	445	2041	Included in budget for GMF018
GMF038	Gravity Main (225)	149	2041	Included in budget for GMF014
GMF039	Gravity Main (225)	62	2041	Included in budget for GMF014
GMF040	Gravity Main (225)	76	2041	Included in budget for GMF014
GMF041	Gravity Main (225)	77	2041	Included in budget for GMF014
GMF042	Gravity Main (225)	61	2041	Included in budget for GMF014
GMF043	Gravity Main (225)	142	2041	Included in budget for GMF014
GMF044	Gravity Main (225)	34	2041	Included in budget for GMF014
GMF045	Gravity Main (225)	156	2041	Included in budget for GMF014
GMF046	Gravity Main (225)	159	2041	Included in budget for GMF014
GMF047	Gravity Main (225)	63	2041	Included in budget for GMF014
GMF048	Gravity Main (225)	78	2036	Included in budget for GMF009
GMF049	Gravity Main (225)	175	2036	Included in budget for GMF009
GMF050	Gravity Main (225)	389	2036	Included in budget for GMF009
GMF051	Gravity Main (225)	63	2036	Included in budget for GMF009

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF052	Gravity Main (225)	245	2036	Included in budget for GMF009
GMF053	Gravity Main (450)	317	2036	Included in budget for GMF009
GMF054	Gravity Main (225)	347	2041	Included in budget for GMF018
GMF055	Gravity Main (750)	182	2041	Included in budget for GMF029
GMF056	Gravity Main (225)	760	2031	\$1,017,263
GMF057	Gravity Main (225)	812	2031	Included in budget for GMF082
GMF058	Gravity Main (225)	126	2031	Included in budget for GMF082
GMF059	Gravity Main (225)	226	2031	Included in budget for GMF082
GMF060	Gravity Main (300)	554	2031	Included in budget for GMF082
GMF061	Gravity Main (675)	285	2031	Included in budget for GMF062
GMF062	Gravity Main (675)	81	2031	\$11,580,260
GMF063	Gravity Main (600)	161	2031	Included in budget for GMF062
GMF064	Gravity Main (600)	446	2031	Included in budget for GMF062
GMF065	Gravity Main (600)	112	2031	Included in budget for GMF062
GMF066	Gravity Main (600)	136	2031	Included in budget for GMF062
GMF067	Gravity Main (600)	193	2031	Included in budget for GMF062
GMF068	Gravity Main (600)	349	2031	Included in budget for GMF062
GMF069	Gravity Main (600)	305	2031	Included in budget for GMF062
GMF070	Gravity Main (600)	296	2031	Included in budget for GMF062
GMF071	Gravity Main (450)	115	2031	Included in budget for GMF062
GMF072	Gravity Main (450)	133	2031	Included in budget for GMF062
GMF073	Gravity Main (450)	279	2031	Included in budget for GMF062
GMF074	Gravity Main (450)	40	2031	Included in budget for GMF062
GMF075	Gravity Main (450)	176	2031	Included in budget for GMF062
GMF076	Gravity Main (450)	201	2031	Included in budget for GMF062

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF077	Gravity Main (525)	54	2031	Included in budget for GMF062
GMF078	Gravity Main (525)	687	2031	Included in budget for GMF062
GMF079	Gravity Main (225)	214	2041	\$531,044
GMF080	Gravity Main (225)	423	2031	Included in budget for GMF082
GMF081	Gravity Main (225)	240	2031	Included in budget for GMF082
GMF082	Gravity Main (300)	147	2031	\$3,111,955
GMF083	Gravity Main (300)	261	2031	Included in budget for GMF082
GMF084	Gravity Main (300)	444	2031	\$1,516,462
GMF085	Gravity Main (300)	610	2031	Included in budget for GMF084
PMF002	Pressure Main (150)	616	2031	\$232,030
PMF003	Pressure Main (450)	917	2031	\$5,475,734
PMF004	Pressure Main (450)	1,528	2031	Included in budget for PMF003
PMF005	Pressure Main (450)	775	2031	Included in budget for PMF003
GMF086	Gravity Main (225)	114	2031	Included in budget for GMF084
GMF087	Gravity Main (225)	231	2031	Included in budget for GMF084
GMF088	Gravity Main (825)	71	2041	Included in budget for GMF029
GMF089	Gravity Main (750)	638	2041	Included in budget for GMF029
GMF090	Gravity Main (600)	121	2041	Included in budget for GMF029
GMF091	Gravity Main (450)	88	2041	Included in budget for GMF018
GMF092	Gravity Main (600)	398	2036	Included in budget for GMF009
GMF093	Gravity Main (600)	10	2036	Included in budget for GMF009
GMF094	Gravity Main (225)	137	2041	Included in budget for GMF018
GMF095	Gravity Main (225)	182	2041	Included in budget for GMF018
GMF096	Gravity Main (225)	241	2041	Included in budget for GMF018
GMF097	Gravity Main (300)	135	2041	Included in budget for GMF018

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF098	Gravity Main (225)	103	2041	Included in budget for GMF018
GMF099	Gravity Main (225)	319	2046	\$504,739
GMF100	Gravity Main (225)	11	2046	Included in budget for GMF099
PMF006	Pressure Main (100)	539	2041	\$163,307
GMF101	Gravity Main (525)	352	2041	Included in budget for GMF029
PMF007	Pressure Main (375)	914	2041	\$136,002
GMF102	Gravity Main (825)	249	2041	Included in budget for GMF029
GMF103	Gravity Main (825)	266	2041	Included in budget for GMF029
GMF104	Gravity Main (825)	421	2041	Included in budget for GMF029
GMF105	Gravity Main (225)	392	2041	Included in budget for GMF018
GMF106	Gravity Main (225)	231	2041	Included in budget for GMF018
GMF107	Gravity Main (225)	247	2041	Included in budget for GMF018
GMF108	Gravity Main (225)	674	2041	Included in budget for GMF018
GMF109	Gravity Main (300)	502	2041	Included in budget for GMF018
PMF008	Pressure Main (100)	273	2046	\$129,273
GMF110	Gravity Main (375)	145	2041	Included in budget for GMF014
GMF111	Gravity Main (375)	193	2041	Included in budget for GMF014
GMF112	Gravity Main (375)	120	2041	Included in budget for GMF014
GMF113	Gravity Main (225)	264	2041	Included in budget for GMF014
GMF114	Gravity Main (225)	301	2041	Included in budget for GMF014
GMF115	Gravity Main (225)	338	2041	Included in budget for GMF014
GMF116	Gravity Main (225)	211	2041	Included in budget for GMF014
GMF117	Gravity Main (300)	206	2041	Included in budget for GMF014
GMF118	Gravity Main (300)	38	2041	Included in budget for GMF014
GMF119	Gravity Main (300)	135	2041	Included in budget for GMF014

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF120	Gravity Main (225)	279	2041	Included in budget for GMF014
PMF009	Pressure Main (250)	1,592	2036	\$892,291
PMF010	Pressure Main (250)	1,173	2031	\$896,273
GMF121	Gravity Main (375)	281	2041	Included in budget for GMF014
GMF122	Gravity Main (300)	84	2041	Included in budget for GMF014
GMF123	Gravity Main (300)	241	2041	Included in budget for GMF018
GMF124	Gravity Main (600)	296	2041	Included in budget for GMF029
GMF125	Gravity Main (225)	385	2041	Included in budget for GMF018
PMF011	Pressure Main (600)	8,078	2041	\$20,372,213
GMF126	Gravity Main (825)	223	2041	Included in budget for GMF029
GMF127	Gravity Main (450)	453	2041	Included in budget for GMF018
GMF128	Gravity Main (450)	359	2041	Included in budget for GMF018
PMF012	Pressure Main (200)	525	2031	Included in budget for PMF010
GMF129	Gravity Main (300)	31	2031	Included in budget for GMF004
GMF130	Gravity Main (375)	213	2031	\$1,383,439
GMF131	Gravity Main (225)	167	2041	Included in budget for GMF018
GMF132	Gravity Main (225)	306	2041	\$295,147
GMF133	Gravity Main (225)	286	2036	Included in budget for GMF135
GMF134	Gravity Main (225)	261	2036	Included in budget for GMF135
GMF135	Gravity Main (300)	319	2036	\$1,466,506
GMF136	Gravity Main (300)	418	2036	Included in budget for GMF135
GMF137	Gravity Main (225)	415	2031	\$1,078,495
PMF013	Pressure Main (150)	269	2031	\$466,059
PMF014	Pressure Main (150)	167	2031	Included in budget for PMF013
PMF015	Pressure Main (150)	283	2031	Included in budget for PMF013
PMF016	Pressure Main (150)	445	2031	Included in budget for PMF013

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF138	Gravity Main (225)	19	2031	Included in budget for GMF137
PMF017	Pressure Main (150)	71	2031	Included in budget for PMF013
PMF018	Pressure Main (150)	550	2041	\$207,248
GMF139	Gravity Main (225)	85	2023	Included in budget for GMF140
GMF140	Gravity Main (225)	365	2023	\$570,167
PMF019	Pressure Main (375)	11	2021	Included in budget for SPSF10
PMF020	Pressure Main (375)	688	2021	Included in budget for SPSF10
PMF021	Pressure Main (375)	1,253	2021	Included in budget for SPSF10
PMF022	Pressure Main (375)	24	2021	Included in budget for SPSF10
PMF023	Pressure Main (600)	82	2019	Included in budget for SPSF13
PMF024	Pressure Main (375)	43	2019	Included in budget for SPSF13
PMF025	Pressure Main (300)	216	2026	Included in budget for SPSF03
PMF026	Pressure Main (300)	46	2026	Included in budget for SPSF03
PMF027	Pressure Main (150)	306	2041	\$127,125
PMF028	Pressure Main (300)	320	2026	Included in budget for SPSF03
PMF029	Pressure Main (300)	6	2021	Included in budget for SPSF10
PMF030	Pressure Main (400)	6	2019	Included in budget for SPSF12
PMF031	Pressure Main (750)	13	2023	\$176,504
PMF032	Pressure Main (250)	16	2021	Included in budget for SPSF10
GMF141	Gravity Main (375)	102	2041	\$376,123
GMF142	Gravity Main (375)	105	2041	Included in budget for GMF141
GMF143	Gravity Main (300)	65	2023	Included in budget for GMF144
GMF144	Gravity Main (300)	47	2023	\$591,503
GMF145	Gravity Main (300)	37	2023	Included in budget for GMF144
GMF146	Gravity Main (300)	30	2023	Included in budget for GMF144

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF147	Gravity Main (300)	41	2023	Included in budget for GMF144
GMF148	Gravity Main (300)	82	2023	Included in budget for GMF144
GMF149	Gravity Main (300)	66	2023	Included in budget for GMF144
GMF150	Gravity Main (300)	49	2023	Included in budget for GMF144
GMF151	Gravity Main (512)	5	2019	Included in budget for SPSF12
GMF152	Gravity Main (371)	5	2019	Included in budget for SPSF12
GMF153	Gravity Main (371)	52	2019	Included in budget for SPSF12
GMF154	Gravity Main (371)	39	2019	Included in budget for SPSF12
GMF155	Gravity Main (371)	43	2019	Included in budget for SPSF12
GMF156	Gravity Main (371)	45	2019	Included in budget for SPSF12
GMF157	Gravity Main (371)	39	2019	Included in budget for SPSF12
GMF158	Gravity Main (371)	62	2019	Included in budget for SPSF12
GMF159	Gravity Main (371)	40	2019	Included in budget for SPSF12
GMF160	Gravity Main (371)	40	2019	Included in budget for SPSF12
GMF161	Gravity Main (371)	52	2019	Included in budget for SPSF12
GMF162	Gravity Main (371)	80	2019	Included in budget for SPSF12
GMF163	Gravity Main (371)	74	2019	Included in budget for SPSF12
GMF164	Gravity Main (371)	80	2019	Included in budget for SPSF12
GMF165	Gravity Main (371)	57	2019	Included in budget for SPSF12
GMF166	Gravity Main (150)	61	2019	Included in budget for SPSF12
GMF167	Gravity Main (150)	63	2019	Included in budget for SPSF12
GMF168	Gravity Main (150)	23	2019	Included in budget for SPSF12
GMF169	Gravity Main (371)	95	2019	Included in budget for SPSF12
GMF170	Gravity Main (371)	94	2019	Included in budget for SPSF12

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF171	Gravity Main (371)	38	2019	Included in budget for SPSF12
GMF172	Gravity Main (371)	64	2019	Included in budget for SPSF12
GMF173	Gravity Main (371)	19	2019	Included in budget for SPSF12
GMF174	Gravity Main (150)	3	2019	Included in budget for SPSF12
GMF175	Gravity Main (150)	49	2019	Included in budget for SPSF12
GMF176	Gravity Main (500)	104	2019	Included in budget for SPSF12
GMF177	Gravity Main (500)	104	2019	Included in budget for SPSF12
GMF178	Gravity Main (500)	21	2019	Included in budget for SPSF12
GMF179	Gravity Main (500)	55	2019	Included in budget for SPSF12
GMF180	Gravity Main (500)	5	2019	Included in budget for SPSF12
GMF181	Gravity Main (225)	73	2028	Included in budget for GMF182
GMF182	Gravity Main (225)	74	2028	\$495,431
GMF183	Gravity Main (225)	87	2028	Included in budget for GMF182
GMF184	Gravity Main (225)	39	2028	Included in budget for GMF182
GMF185	Gravity Main (600)	103	2022	Included in budget for GMF186
GMF186	Gravity Main (600)	151	2022	\$5,002,906
GMF187	Gravity Main (600)	154	2022	Included in budget for GMF186
GMF188	Gravity Main (600)	77	2022	Included in budget for GMF186
GMF189	Gravity Main (600)	72	2022	Included in budget for GMF186
GMF190	Gravity Main (600)	121	2022	Included in budget for GMF186
GMF191	Gravity Main (600)	162	2022	Included in budget for GMF186
GMF192	Gravity Main (600)	121	2022	Included in budget for GMF186
GMF193	Gravity Main (600)	107	2022	Included in budget for GMF186
GMF194	Gravity Main (600)	40	2022	Included in budget for GMF186
GMF195	Gravity Main (600)	125	2022	Included in budget for GMF186

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF196	Gravity Main (225)	60	2025	Included in budget for GMF197
GMF197	Gravity Main (225)	45	2025	\$317,912
GMF198	Gravity Main (225)	33	2025	Included in budget for GMF197
GMF199	Gravity Main (225)	68	2025	Included in budget for GMF200
GMF200	Gravity Main (225)	69	2025	\$476,204
GMF201	Gravity Main (225)	71	2025	Included in budget for GMF200
GMF202	Gravity Main (225)	69	2031	Included in budget for GMF203
GMF203	Gravity Main (225)	69	2031	\$281,936
GMF204	Gravity Main (225)	34	2031	Included in budget for GMF203
GMF205	Gravity Main (600)	45	2022	Included in budget for SPSF22
GMF206	Gravity Main (600)	9	2022	Included in budget for SPSF22
GMF207	Gravity Main (525)	78	2022	Included in budget for SPSF22
GMF208	Gravity Main (375)	27	2022	Included in budget for SPSF17
GMF209	Gravity Main (450)	73	2022	Included in budget for SPSF22
GMF210	Gravity Main (450)	46	2022	Included in budget for SPSF22
GMF211	Gravity Main (375)	3	2022	Included in budget for SPSF22
GMF212	Gravity Main (375)	78	2022	Included in budget for SPSF22
GMF213	Gravity Main (300)	82	2022	Included in budget for SPSF22
GMF214	Gravity Main (450)	22	2022	Included in budget for SPSF22
GMF215	Gravity Main (300)	40	2022	Included in budget for SPSF22
GMF216	Gravity Main (300)	94	2022	Included in budget for SPSF22
GMF217	Gravity Main (300)	29	2022	Included in budget for SPSF22
GMF218	Gravity Main (300)	75	2022	Included in budget for SPSF22
GMF219	Gravity Main (300)	23	2022	Included in budget for SPSF22
GMF220	Gravity Main (300)	47	2022	Included in budget for SPSF22

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF221	Gravity Main (300)	5	2022	Included in budget for SPSF22
GMF222	Gravity Main (300)	70	2022	Included in budget for SPSF22
GMF223	Gravity Main (525)	21	2022	Included in budget for SPSF22
GMF224	Gravity Main (525)	53	2022	Included in budget for SPSF22
GMF225	Gravity Main (375)	49	2022	Included in budget for SPSF17
GMF226	Gravity Main (375)	30	2022	Included in budget for SPSF17
GMF227	Gravity Main (375)	86	2022	Included in budget for SPSF17
GMF228	Gravity Main (375)	71	2022	Included in budget for SPSF17
GMF229	Gravity Main (375)	3	2022	Included in budget for SPSF22
GMF230	Gravity Main (150)	18	2022	Included in budget for SPSF17
PMF033	Pressure Main (406)	826	2023	Included in budget for PMF034
PMF034	Pressure Main (406)	398	2023	\$1,664,363
PMF035	Pressure Main (406)	7	2023	Included in budget for PMF034
PMF036	Pressure Main (750)	78	2026	Included in budget for PMF037
PMF037	Pressure Main (750)	1,186	2026	\$7,623,807
PMF038	Pressure Main (150)	83	2026	\$35,853
PMF039	Pressure Main (500)	120	2021	Included in budget for PMF040
PMF040	Pressure Main (500)	132	2021	\$7,097,860
PMF041	Pressure Main (500)	143	2021	Included in budget for PMF040
PMF042	Pressure Main (500)	109	2021	Included in budget for PMF040
PMF043	Pressure Main (500)	192	2021	Included in budget for PMF040
PMF044	Pressure Main (500)	185	2021	Included in budget for PMF040
PMF045	Pressure Main (500)	119	2021	Included in budget for PMF040
PMF046	Pressure Main (500)	81	2021	Included in budget for PMF040
PMF047	Pressure Main (500)	240	2021	Included in budget for PMF040

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
PMF048	Pressure Main (500)	201	2021	Included in budget for PMF040
PMF049	Pressure Main (500)	240	2021	Included in budget for PMF040
PMF050	Pressure Main (500)	107	2021	Included in budget for PMF040
PMF051	Pressure Main (500)	209	2021	Included in budget for PMF040
PMF052	Pressure Main (242)	478	2022	Included in budget for SPSF22
PMF053	Pressure Main (500)	206	2022	Included in budget for PMF054
PMF054	Pressure Main (500)	59	2022	\$11,987,889
PMF055	Pressure Main (500)	55	2022	Included in budget for PMF054
PMF056	Pressure Main (500)	87	2022	Included in budget for PMF054
PMF057	Pressure Main (500)	38	2022	Included in budget for PMF054
PMF058	Pressure Main (500)	5	2022	Included in budget for PMF054
PMF059	Pressure Main (500)	39	2022	Included in budget for PMF054
PMF060	Pressure Main (500)	189	2022	Included in budget for PMF054
PMF061	Pressure Main (500)	257	2022	Included in budget for PMF054
PMF062	Pressure Main (500)	70	2022	Included in budget for PMF054
PMF063	Pressure Main (500)	113	2022	Included in budget for PMF054
PMF064	Pressure Main (500)	134	2022	Included in budget for PMF054
PMF065	Pressure Main (500)	168	2022	Included in budget for PMF054
PMF066	Pressure Main (500)	66	2022	Included in budget for PMF054
PMF067	Pressure Main (500)	66	2022	Included in budget for PMF054
PMF068	Pressure Main (500)	660	2022	Included in budget for PMF054
PMF069	Pressure Main (500)	40	2022	Included in budget for PMF054
PMF070	Pressure Main (500)	280	2022	Included in budget for PMF054
PMF071	Pressure Main (500)	728	2022	Included in budget for PMF054

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
PMF072	Pressure Main (500)	74	2022	Included in budget for PMF054
PMF073	Pressure Main (500)	117	2022	Included in budget for PMF054
PMF074	Pressure Main (500)	506	2022	Included in budget for PMF054
PMF075	Pressure Main (500)	100	2022	Included in budget for PMF054
PMF076	Pressure Main (500)	45	2022	Included in budget for PMF054
PMF077	Pressure Main (500)	127	2022	Included in budget for PMF054
PMF078	Pressure Main (500)	55	2022	Included in budget for PMF054
PMF079	Pressure Main (200)	346	2023	\$179,946
GMF231	Gravity Main (375)	128	2031	Included in budget for GMF130
GMF232	Gravity Main (375)	146	2031	Included in budget for GMF130
TOTAL				\$348,123,342

Table SC3.3.3 - Stormwater network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost ³
DWF002	Drainage Works - Pump Station and Rising Main - Future	2036	\$458,272
DWF011	Pump Station -	2036	\$3,116,550
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 1 of 3	2024	\$6,872,400
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 2 of 3	2025	\$6,872,400
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 3 of 3	2026	\$6,872,400
BCCF01	Culvert (2/3600x1800)	2021	\$1,083,881
BCCU001	Bridge / Culvert / Crossing (2/3000x2100)	2036	\$450,672
BCCU002	Bridge / Culvert / Crossing (4/2100x2100)	2036	\$723,169
BCCU004	Bridge / Culvert / Crossing	2036	\$274,963

Note—13. Table SC3.2.3 Column 4 - The establishment cost is expressed in current cost terms as at the base date.



Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost ³
BCCU005	Bridge / Culvert / Crossing (2/3600x2400)	2020	\$452,357
BCCU006	Bridge / Culvert / Crossing (2/2700x1200)	2019	\$140,932
BCCU007	Bridge / Culvert / Crossing (2/2400x1800)	2019	\$166,356
BCCU008	Bridge / Culvert / Crossing (5/3600x3000)	2019	\$564,960
DWF013	Tide Gates - Drainage Works	2019	\$277,365
DWF001	Drainage Works - Levee - Future	2019	\$594,000
DWF004	Drainage Works - Channel Works - Future	2036	\$5,545,712
DWF005	Drainage Works - Channel Works - Future	2036	\$38,235,370
DWF006	Drainage Works - Channel Works	2036	\$21,026,326
DWF008	Drainage Works - Channel Works	2024	\$926,525
DWF009	Drainage Works - Channel Works	2024	\$561,511
DWU001	Drainage Works - Channel Works - Upgrade	2036	\$7,662,861
DWU002	Drainage Works - Channel Works - Upgrade	2036	\$19,117,685
DWU003	Drainage Works - Channel Works - Upgrade	2036	\$1,026,982
DWU004	Drainage Works - Channel Works - Upgrade	2036	\$29,229,488
DWU005	Drainage Works - Channel Works - Upgrade	2036	\$5,055,918
DWU006	Drainage Works - Channel Works - Upgrade	2036	\$2,132,969
PDF001	Pipe Drainage - Stormwater Reticulation - Future	2035	\$271,535
PDF003	Pipe Drainage - Stormwater Reticulation - Future	2036	\$1,260,817
PDF004	Pipe Drainage - Stormwater Reticulation - Future	2036	\$1,366,676
PDF005	Pipe Drainage - Stormwater Reticulation - Future	2036	\$1,525,428
PDF006	Pipe Drainage - Stormwater Reticulation - Future	2036	\$1,698,470
PDF007	Pipe Drainage - Stormwater Reticulation - Future	2036	\$3,107,801
PDF008	Pipe Drainage - Stormwater Reticulation - Future	2036	\$808,022

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost ³
PDF009	Pipe Drainage - Stormwater Reticulation - Future	2027	\$6,816,731
PDF010	Pipe Drainage - Stormwater Reticulation - Future	2036	\$710,189
PDF011	Pipe Drainage - Stormwater Reticulation	2024	\$651,286
PDF012	Pipe Drainage - Stormwater Reticulation	2024	\$846,996
PDU001	Pipe Drainage - Drainage Line - Upgrade	2036	\$1,004,864
PDU002	Pipe Drainage - Drainage Line - Upgrade	2036	\$60,040
PDU003	Drainage Works - Channel Works	2035	\$947,984
PDU004	Pipe Drainage - Drainage Line - Upgrade	2036	\$2,309,919
PDU005	Pipe Drainage - Drainage Line - Upgrade	2036	\$12,118,392
DWF014	Drainage Works – New Open Drain	2024	\$1,380,000
TOTAL			\$196,327,175

Table SC3.3.4 - Transport (roads) network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
IRF03	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2036	\$365,471
IRF04	Roundabout - 2 Lane Major (Future)	(Project Cost)	2025	\$394,000
IRF06	Roundabout - 2 Lane Major (Future)	(Project Cost)	2036	\$478,579
IRF07	Roundabout - 2 Lane Major (Future)	(Project Cost)	2036	\$478,579
IRF08	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2036	\$371,037
IRF09	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2036	\$365,471
IRF10	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2036	\$365,471
IRF12	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2036	\$565,680
IRF13	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2036	\$365,471
IRF15	Signalised Intersection (Major Upgrade)	(Project Cost)	2036	\$934,756
IRF17	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2041	\$365,471
IRF18	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2031	\$365,471
IRF19	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2041	\$365,471
IRF20	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2031	\$365,471
IRF21	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2036	\$365,471
IRF22	Roundabout - 1 Lane Minor (Major Upgrade)	(Project Cost)	2041	\$438,566
IRF23	Roundabout - 1 Lane Minor (Major Upgrade)	(Project Cost)	2041	\$438,566
IRF24	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2041	\$365,471
IRF25	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2041	\$565,680
IRF26	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2036	\$365,471

Note—14. Table SC3.2.4 Column 5 - The establishment cost is expressed in current cost terms as at the base date.



Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
IRF27	Roundabout - 2 Lane Major (Future)	(Project Cost)	2036	\$471,400
IRF28	Roundabout - 2 Lane Major (Future)	(Project Cost)	2036	\$471,400
IRF29	Roundabout - 2 Lane Major (Future)	(Project Cost)	2036	\$471,400
IRF30	Roundabout - 2 Lane Major (Future)	(Project Cost)	2021	\$689,500
IRF31	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2036	\$565,680
IRF32	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2036	\$565,680
IRF33	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2036	\$565,680
ISF01	Signalised Intersection (Future)	(Project Cost)	2031	\$463,085
ISF02	Signalised Intersection (Future)	(Project Cost)	2024	\$581,150
ISF06	Signalised Intersection (Future)	(Project Cost)	2020	\$492,500
ISF07	Signalised Intersection (Future)	(Project Cost)	2022	\$788,000
ISF08	Signalised Intersection (Future)	(Project Cost)	2020	\$246,250
ISF08	Signalised Intersection (Future)	(Project Cost)	2025	\$492,500
ISF11	Signalised Intersection (Future)	(Project Cost)	2031	\$778,963
ISF12	Signalised Intersection (Future)	(Project Cost)	2027	\$985,000
ISF13	Signalised Intersection (Future)	(Project Cost)	2023	\$1,477,500
ISF14	Signalised Intersection (Future)	(Project Cost)	2036	\$778,963
ISF15	Signalised Intersection (Future)	(Project Cost)	2025	\$985,000
ISF17	Signalised Intersection (Major Upgrade)	(Project Cost)	2022	\$492,500
ISF18	Signalised Intersection (Future)	(Project Cost)	2023	\$817,550
ISF19	Signalised Intersection (Major Upgrade)	(Project Cost)	2031	\$934,756
ISF20	Signalised Intersection (Future)	(Project Cost)	2031	\$778,963
ISF21	Signalised Intersection (Future)	(Project Cost)	2036	\$778,963
ISF22	Signalised Intersection (Future)	(Project Cost)	2031	\$778,963

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
ISF23	Signalised Intersection (Future)	(Project Cost)	2036	\$778,963
ISF24	Signalised Intersection (Future)	(Project Cost)	2041	\$778,963
ISF25	Signalised Intersection (Future)	(Project Cost)	2041	\$2,013,077
ISF26	Signalised Intersection (Major Upgrade)	(Project Cost)	2020	\$985,000
ISF27	Signalised Intersection (Major Upgrade)	(Project Cost)	2020	\$985,000
ISF28	Signalised Intersection (Future)	(Project Cost)	2020	\$985,000
ISF29	Signalised Intersection (Future)	(Project Cost)	2023	\$1,970,000
SBF02	Bridge - Blackfellows Ck Crossing (Future)	360m ²	2036	\$3,421,216
SBF07	Bridge - Linden St Bridge (Upgrade)	200m ²	2036	\$2,280,810
SBF08	Bridge - Mckinnons Ck Rd & Rail Crossing - Walker Chay Rd - Stage 1 (Future)	360m ²	2025	\$1,970,000
SBF08	Bridge - Mckinnons Ck Rd & Rail Crossing - Walker Chay Rd - Stage 2 (Future)	360m ²	2041	\$1,970,000
SBF10	Bridge - O'donnell La : Ramsay Dr Bridge (Future)	100m ²	2036	\$950,338
SBF12	Bridge - Rices Gully Bridge - Stage 2 (Upgrade)	400m ²	2022	\$2,659,500
SBF14	Bridge - Southern End Panguna St Bridge (Future)	260m ²	2036	\$2,470,878
SBF17	Bridge - Greenslopes St Bridge (Upgrade)	366m ²	2036	\$4,173,883
SBF20	Bridge - Sandy Creek Bridge (Upgrade)	342m ²	2031	\$3,900,186
SBF21	Bridge - Unnamed Bridge (Future)	240m ²	2036	\$2,280,810
SBF22	Bridge - Unnamed Bridge (Future)	240m ²	2031	\$2,280,810
SBF23	Bridge - Grays Creek Bridge (Upgrade)	324m ²	2036	\$3,694,913
SBF24	Bridge - Fantin Access #2 (Future)	120m ²	2036	\$1,140,405
SBF25	Bridge - Fantin Access #1 (Future)	240m ²	2041	\$2,280,810
SBF26	Bridge - Wrights Creek Bridge (Future)	300m ²	2041	\$2,851,013

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
SBF27	Bridge - Mackey Creek Bridge (Future)	360m ²	2036	\$3,421,216
SBF28	Bridge - Maitland Road Bridge (Major) (Future)	660m ²	2041	\$6,272,228
SBF29	Bridge - Maitland Road Bridge (Future)	312m ²	2041	\$2,965,053
SBF32	Bridge - Cook Street Bridge (Upgrade)	(Project Cost)	2020	\$2,708,750
SBF33	Bridge - Blackfellows Creek Bridge - Stage 1 (Staged)	1736m ²	2036	\$16,497,862
SBF33	Bridge - Blackfellows Creek Bridge - Stage 2 (Staged)	1624m ²	2036	\$15,433,483
SCF01	Culvert - Avondale Creek Crossing (Future) #1	105m	2036	\$1,190,298
SCF03	Culvert - Dunne #1 (Upgrade)	(Project Cost)	2036	\$4,548,296
SCF04	Culvert - Dunne #2 (Upgrade)	(Project Cost)	2036	\$15,535
SCF05	Culvert - Holloway Beach #1 - Stage 1 (Upgrade)	(Project Cost)	2023	\$1,970,000
SCF05	Culvert - Holloway Beach #1 - Stage 1 (Upgrade)	(Project Cost)	2023	\$1,970,000
SCF07	Culvert - Machans Beach #1 (Upgrade)	(Project Cost)	2031	\$2,176,643
SCF09	Culvert – Navigation Drive Bridge (Future)	225m	2025	\$1,042,330
SCF10	Culvert - Navigation Drive Culvert (Future)	225m	2025	\$954,502
SCF12	Culvert - Navigation Drive Culvert (Future)	135m	2024	\$462,744
SCF14	Culvert - Yorkeys Knob #2 (Upgrade)	(Project Cost)	2023	\$1,280,500
SCF15	Culvert - Yorkeys Knob #3 (Upgrade)	(Project Cost)	2025	\$1,477,500
SCF16	Culvert - Yorkeys Knob #4 (Upgrade)	(Project Cost)	2031	\$1,795,730
SCF17	Culvert - Yorkeys Knob #5 (Upgrade)	(Project Cost)	2031	\$3,658,624
SCF18	Culvert - Moody Creek : Moody Street (Future)	(Project Cost)	2036	\$1,482,851
SCF20	Culvert – Dunne #3 (Upgrade)	(Project Cost)	2036	\$1,118,030
SCF23	Culvert – Upward Street (Upgrade)	(Project Cost)	2036	\$351,953

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
SCF26	Culvert – Spence St : Fearnley St Culvert #2 (Upgrade)	(Project Cost)	2031	\$1,305,141
SCF31	Culvert - Future Culvert #16 - Swallow Street (Upgrade)	(Project Cost)	2036	\$1,204,040
SCF33	Culvert - Future Culvert #19 (Upgrade)	(Project Cost)	2036	\$5,077,142
SCF34	Culvert - Greenslopes Street (Upgrade)	14m	2036	\$279,287
SCF35	Culvert – Deppeler Road Crossing (Future)	81m	2041	\$1,281,662
SCF36	Culvert - Unnamed Culvert (Upgrade)	96m	2041	\$279,628
SCF37	Culvert - Mt Peter - Unnamed Culvert (Future)	40m	2041	\$329,293
SCF38	Culvert - Mt Peter - Unnamed Culvert (Future)	120m	2041	\$1,169,548
SCF39	Culvert - Mt Peter - Unnamed Culvert (Future)	126m	2041	\$565,681
SCF40	Culvert - Mt Peter - Unnamed Culvert (Future)	270m	2041	\$1,705,048
SCF41	Culvert - Main Boulevard Culvert #1 - Swallow Road (Future)	142m	2024	\$541,750
SCF42	Culvert - Main Boulevard Culvert #2 - Mid-point Blackfellows Crk : Swallow (Future)	31m	2024	\$78,800
SCF43	Culvert - Main Boulevard Culvert #2 - Mid-point Blackfellows Crk : Swallow (Future)	16m	2024	\$88,650
SCF44	Culvert - Main Boulevard Culvert #3 - Thomson Road (Future)	47m	2036	\$159,090
SCF45	Culvert - Scott St Extension (Upgrade)	140m	2031	\$1,222,773
SCF46	Culvert - Avondale Creek Crossing (Future) #2	120m	2036	\$204,316
TRF003	Major Collector Road - Fig Tree Drive : Kamerunga Road (Future)	566m	2036	\$2,199,725
TRF004	Sub-Arterial Road - 4 Lane Median Divided – Navigation Drive (Reed Rd – Moores Gully	448m	2036	\$1,719,047

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	South – Stage 2 (4 lanes) (Staged)			
TRF006	Sub-Arterial Road - 2 Lane Undivided - Miami Road : Trinity Beach Road (Future)	237m	2028	\$3,053,500
TRF011	Major Collector Road - McGregor Road : Panguna Street (Future)	537m	2036	\$4,255,131
TRF012	Major Collector Road - Panguna Street : Captain Cook Highway (Future)	137m	2036	\$1,088,336
TRF017	Major Collector Road - Ramsey Drive : Murray Street (Future)	23m	2036	\$89,405
TRF019	Sub-Arterial Road - 2 Lane Undivided - Logomeir Road : Robert Road (Future)	302m	2036	\$1,441,591
TRF020	Sub-Arterial Road - 4 Lane Median Divided - Logomeir Road - Stage 2 (Staged)	214m	2036	\$0
TRF021	Sub-Arterial Road - 2 Lane Median divided - Mill Road : Logomeir Road (Future)	728m	2031	\$8,313,157
TRF022	Sub-Arterial Road - 4 Lane Median Divided - Walker Road : Chay Road - Stage 1 (Future)	338m	2025	\$3,890,750
TRF022	Sub-Arterial Road - 4 Lane Median Divided - Walker Road : Chay Road - Stage 2 (Future)	338m	2041	\$5,332,776
TRF023	Sub-Arterial Road - 4 Lane Median Divided - Chay Road : Mount Peter Road (Future)	352m	2026	\$985,000
TRF025	Major Collector Road - McGregor Road : Panguna Street (Future)	438m	2036	\$1,702,406
TRF027	Minor Collector Road - Petricola Street : Paradise Palms Drive (Future)	69m	2036	\$253,501
TRF028	Major Collector Road - Fisher Road : Draper Road (Future)	870m	2022	\$2,230,000
TRF031	Minor Collector Road - Linden Street (Future)	209m	2031	\$764,502
TRF038	Rural Major Road - Machans Beach	674m	2036	\$1,097,541

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Access Road (Major Upgrade)			
TRF042	Major Collector Road - Cedar Road (Major Upgrade)	400m	2021	\$809,588
TRF043	Major Collector Road - Cedar Road (Major Upgrade)	38m	2021	\$76,912
TRF053	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	205m	2036	\$1,697,184
TRF054	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	301m	2036	\$2,088,651
TRF055	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	251m	2036	\$1,736,994
TRF056	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	360m	2025	\$197,000
TRF060	Sub-Arterial Road - 4 Lane Median Divided - Moody Street (Major Upgrade)	294m	2036	\$2,254,220
TRF062	Sub-Arterial Road - 4 Lane Median divided - McGregor Road (Future)	377m	2019	\$2,231,257
TRF067	Major Collector Road - Trinity Beach Road (Minor Upgrade)	95m	2031	\$220,612
TRF068	Sub-Arterial Road - 2 Lane Undivided - Cattana Road (Major Upgrade)	162m	2022	\$2,019,250
TRF072	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	306m	2036	\$2,346,076
TRF073	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	299m	2036	\$2,296,671
TRF074	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	171m	2036	\$1,309,195
TRF075	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	411m	2036	\$3,403,759
TRF076	Sub-Arterial Road - 4 Lane Median divided -	322m	2036	\$2,468,842

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Petersen Road (Major Upgrade)			
TRF090	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	201m	2036	\$1,665,448
TRF095	Sub-Arterial Road - 4 Lane Median divided with parking - Grove Street (Major Upgrade)	96m	2036	\$792,978
TRF096	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	279m	2036	\$2,311,148
TRF097	Sub-Arterial Road - 4 Lane Median divided with parking - Grove Street (Major Upgrade)	330m	2036	\$2,727,462
TRF098	Non Standard Cross Section Road - Lake Street (Major Upgrade)	366m	2031	\$1,606,429
TRF099	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	181m	2036	\$1,493,777
TRF100	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	288m	2036	\$2,384,238
TRF101	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	352m	2036	\$2,771,121
TRF102	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	205m	2036	\$1,617,928
TRF103	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	206m	2036	\$1,702,068
TRF104	Sub-Arterial Road - 4 Lane Median Divided - Arthur Street (Major Upgrade)	257m	2023	\$778,150
TRF105	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	222m	2036	\$1,700,812
TRF106	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	182m	2036	\$1,436,666
TRF107	Sub-Arterial Road - 4 Lane Median Divided - Moody Street (Major Upgrade)	448m	2036	\$3,435,434

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF108	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Street (Major Upgrade)	311m	2031	\$2,387,057
TRF109	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Street (Major Upgrade)	135m	2025	\$197,000
TRF114	Sub-Arterial Road - 4 Lane Median Divided - Draper Road West (Major Upgrade)	507m	2031	\$4,389,811
TRF115	Sub-Arterial Road - 4 Lane Median Divided - Draper Road (Major Upgrade)	360m	2031	\$3,114,166
TRF124	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	101m	2036	\$831,959
TRF127	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	205m	2031	\$1,692,121
TRF128	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	203m	2031	\$1,678,334
TRF130	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	237m	2036	\$1,379,958
TRF131	Sub-Arterial Road - 2 Lane Undivided - Riverstone Road (Major Upgrade)	370m	2036	\$2,150,022
TRF132	Sub-Arterial Road - 2 Lane Undivided - Riverstone Road (Major Upgrade)	183m	2036	\$1,065,785
TRF133	Sub-Arterial Road - 2 Lane Undivided - Riverstone Road (Major Upgrade)	108m	2036	\$625,625
TRF135	Sub-Arterial Road - CBD - Florence Street (Major Upgrade)	100m	2020	\$1,841,950
TRF140	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	261m	2036	\$1,805,630
TRF155	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Road (Minor Upgrade)	482m	2022	\$3,366,551
TRF163	Rural Major Road - Machans Beach Access Road (Major Upgrade)	570m	2036	\$2,176,643

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF164	Sub-Arterial Road - 4 Lane Median divided - McGregor Road (Future)	89m	2019	\$526,743
TRF166	Major Collector Road - Endeavour Road (Minor Upgrade)	221m	2031	\$515,438
TRF167	Major Collector Road - Endeavour Road (Minor Upgrade)	184m	2031	\$429,001
TRF168	Major Collector Road – Robert Road (Minor Upgrade)	271m	2030	\$630,856
TRF169	Major Collector Road – Robert Road (Minor Upgrade)	148m	2030	\$345,055
TRF170	Major Collector Road – Robert Road (Minor Upgrade)	499m	2030	\$1,163,088
TRF171	Major Collector Road – Robert Road (Minor Upgrade)	163m	2030	\$380,462
TRF172	Major Collector Road – Robert Road (Minor Upgrade)	238m	2030	\$555,845
TRF173	Sub-Arterial Road - 2 Lane Median divided - Cairns Road (Major Upgrade)	269m	2036	\$1,893,424
TRF174	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	84m	2036	\$487,391
TRF175	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	221m	2036	\$1,282,976
TRF176	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	178m	2036	\$1,035,285
TRF177	Sub-Arterial Road - 2 Lane Median divided - Cairns Road (Major Upgrade)	446m	2036	\$3,137,521
TRF178	Sub-Arterial Road - 2 Lane Median divided - Cairns Road (Major Upgrade)	228m	2036	\$1,606,305
TRF179	Sub-Arterial Road - 4 Lane Median Divided -	102m	2022	\$436,444

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Pease Street (Major Upgrade)			
TRF180	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	398m	2036	\$1,137,983
TRF181	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	117m	2036	\$335,993
TRF182	Sub-Arterial Road - 4 Lane Median Divided - Pease Street (Major Upgrade)	241m	2022	\$1,041,056
TRF184	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	207m	2036	\$1,588,039
TRF187	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	188m	2036	\$537,858
TRF188	Non Standard Cross Section Road - Lake Street (Major Upgrade)	257m	2031	\$1,130,184
TRF189	Non Standard Cross Section Road - Lake Street (Major Upgrade)	379m	2031	\$1,665,704
TRF190	Non Standard Cross Section Road - Lake Street (Major Upgrade)	385m	2031	\$1,688,727
TRF191	Non Standard Cross Section Road - Lake Street (Major Upgrade)	337m	2031	\$1,477,587
TRF193	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	284m	2036	\$2,345,038
TRF194	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	201m	2031	\$1,663,691
TRF195	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	101m	2036	\$831,908
TRF196	Sub-Arterial Road - CBD - Florence Street (Major Upgrade)	101m	2020	\$1,841,950
TRF197	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	201m	2031	\$1,663,800
TRF206	Sub-Arterial Road - 4 Lane Median Divided - Mill Road - Stage 1 (Major Upgrade)	320m	2019	\$1,074,903

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF206	Sub-Arterial Road - 4 Lane Median Divided - Mill Road - Stage 2 (Major Upgrade)	320m	2031	\$2,139,223
TRF208	Sub-Arterial Road - 4 Lane Median Divided - Mill Road - Stage 1 (Major Upgrade)	216m	2019	\$725,559
TRF208	Sub-Arterial Road - 4 Lane Median Divided - Mill Road - Stage 2 (Major Upgrade)	216m	2031	\$1,442,848
TRF209	Sub-Arterial Road - 4 Lane Median Divided - Mill Road - Stage 1 (Major Upgrade)	158m	2019	\$543,114
TRF209	Sub-Arterial Road - 4 Lane Median Divided - Mill Road - Stage 2 (Major Upgrade)	158m	2031	\$1,054,833
TRF219	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road (Minor Upgrade)	150m	2022	\$547,222
TRF220	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Intake Road (Major Upgrade)	131m	2022	\$985,000
TRF221	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Intake Road (Major Upgrade)	85m	2022	\$985,000
TRF231	Major Collector Road – Robert Road (Minor Upgrade)	155m	2030	\$360,136
TRF232	Major Collector Road – Robert Road (Minor Upgrade)	122m	2030	\$284,216
TRF233	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	165m	2020	\$810,378
TRF234	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	31m	2020	\$154,533
TRF237	Sub-Arterial Road - 2 Lane Median divided - Hardy Road (Major Upgrade)	205m	2036	\$1,422,150
TRF238	Sub-Arterial Road - 4 Lane Median Divided - Hardy Road (Major Upgrade)	310m	2036	\$2,379,439
TRF244	Sub-Arterial Road - 2 Lane Median divided -	107m	2036	\$738,700

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Tills Street (Major Upgrade)			
TRF245	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	235m	2036	\$1,625,458
TRF246	Sub-Arterial Road - 2 Lane Median divided - Tills Street (Major Upgrade)	262m	2036	\$1,813,130
TRF247	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	428m	2036	\$2,966,121
TRF249	Sub-Arterial Road - 2 Lane Median divided - Tills Street (Major Upgrade)	247m	2027	\$492,500
TRF250	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Minor Upgrade)	233m	2031	\$460,163
TRF264	Major Collector Road – Robert Road (Minor Upgrade)	282m	2030	\$658,408
TRF277	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	288m	2036	\$1,997,195
TRF279	Major Collector Road - Cheviot Street (Major Upgrade)	603m	2024	\$1,970,000
TRF286	Sub-Arterial Road - 2 Lane Undivided - Poolwood Road (Minor Upgrade)	35m	2036	\$122,723
TRF288	Major Collector Road - Endeavour Road (Minor Upgrade)	274m	2031	\$638,696
TRF290	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	203m	2036	\$1,682,474
TRF293	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Road (Major Upgrade)	68m	2019	\$474,949
TRF300	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Minor Upgrade)	101m	2031	\$415,926
TRF306	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Major Upgrade)	121m	2031	\$1,000,291

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF307	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Major Upgrade)	245m	2031	\$2,026,911
TRF308	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Minor Upgrade)	188m	2031	\$777,811
TRF309	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Major Upgrade)	846m	2031	\$7,000,344
TRF327	Sub-Arterial Road - 2 Lane Median divided - Tills Street (Major Upgrade)	102m	2036	\$707,514
TRF328	Sub-Arterial Road - 2 Lane Undivided - Tills Street (Major Upgrade)	97m	2027	\$492,500
TRF335	Sub-Arterial Road - 4 Lane Median divided - Mount Peter Road (Major Upgrade)	213m	2036	\$1,633,813
TRF336	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	203m	2036	\$1,677,043
TRF337	Sub-Arterial Road - 4 Lane Median divided - Mount Peter Road (Major Upgrade)	536m	2036	\$4,115,195
TRF338	Sub-Arterial Road - 2 Lane Undivided - Palm Cove Boulevard (Major Upgrade)	172m	2036	\$984,438
TRF355	Rural Major Road - Future Road #1 (Future)	69m	2036	\$94,092
TRF359	Rural Major Road - Future Road #1 (Future)	389m	2036	\$2,096,893
TRF360	Rural Major Road - Future Road #1 (Future)	132m	2036	\$713,717
TRF361	Rural Major Road - Future Road #1 (Future)	475m	2036	\$2,563,520
TRF362	Sub-Arterial Road - 4 Lane Median Divided – Navigation Drive (Shipmate Dr – Moores Gully South) – Stage 1 (2 lanes) (Staged)	565m	2025	\$2,077,191
TRF366	Major Collector Road - Ramsey Drive : Murray Street (Future)	51m	2031	\$406,772

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF367	Major Collector Road - Ramsey Drive : Murray Street (Future)	272m	2036	\$2,151,861
TRF369	Sub-Arterial Road - 4 Lane Median Divided - Logomeir Road (Staged)	378m	2036	\$3,588,876
TRF370	Major Collector Road - Fig Tree Drive : Kamerunga Road (Future)	59m	2036	\$467,456
TRF371	Major Collector Road - Fig Tree Drive : Kamerunga Road (Future)	918m	2023	\$5,102,300
TRF376	Major Collector Road - Canopies Edge Boulevard Extension (Future)	644m	2036	\$5,102,086
TRF388	Sub-Arterial Road - 2 Lane Undivided - Logomeir Road : Robert Road (Future)	246m	2036	\$2,417,985
TRF389	Sub-Arterial Road - 4 Lane Median Divided - Draper Road (Major Upgrade)	103m	2031	\$799,519
TRF392	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Intake Road (Minor Upgrade)	174m	2022	\$634,778
TRF393	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	134m	2020	\$512,589
TRF397	Sub-Arterial Road - 2 Lane Undivided - Palm Cove Boulevard (Major Upgrade)	480m	2036	\$3,815,649
TRF402	Sub-Arterial Road - 4 Lane Median Divided – Navigation Drive (Reed Rd – Moores Gully South) – Stage 1 (2 lanes) (Staged)	448m	2024	\$1,434,238
TRF403	Sub-Arterial Road - 4 Lane Median Divided – Navigation Drive (Shipmate Dr – Moores Gully South) – Stage 2 (4 lanes) (Staged)	565m	2036	\$5,699,987
TRF404	Sub-Arterial Road - 4 Lane Median Divided – Navigation Drive (TBR – Shipmate Dr) –	694m	2036	\$2,662,277

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Stage 2 (4 lanes) (Staged)			
TRF405	Major Collector Road - Lake Placid Road (Minor Upgrade)	296m	2036	\$1,150,128
TRF406	Major Collector Road – Robert Road (Minor Upgrade)	323m	2030	\$753,582
TRF407	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	531m	2036	\$4,499,358
TRF408	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	4400m	2041	\$28,384,286
TRF409	Sub-Arterial Road - 2 Lane Median Divided - Greypeaks Drive Stage 2 (Future)	1067m	2023	\$3,771,908
TRF411	Major Collector Road - Hussey Road: New Road (Future)	523m	2041	\$2,733,978
TRF412	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	530m	2036	\$3,416,109
TRF413	Sub-Arterial Road - 4 Lane Median divided - Mount Peter Road (Major Upgrade)	511m	2036	\$4,303,238
TRF414	Sub-Arterial Road - 4 Lane Median Divided - Main Boulevard (Blackfellows Creek to Swallow Rd) - Stage 1 (Future)	853m	2024	\$4,412,800
TRF414	Sub-Arterial Road - 4 Lane Median Divided - Main Boulevard (Blackfellows Creek to Swallow Rd) - Stage 2 (Future)	853m	2026	\$4,531,000
TRF415	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	2113m	2036	\$17,915,707
TRF416	Sub-Arterial Road - 4 Lane Median Divided - Main Boulevard (Blackfellows Creek to Thomson Rd) (Future)	879m	2036	\$7,456,376
TRF417	Sub-Arterial Road - 4 Lane Median Divided -	142m	2041	\$1,200,451

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Deppler Road West (Future)			
TRF418	Sub-Arterial Road - 4 Lane Median Divided - Deppler Road West (Future)	1431m	2041	\$12,135,653
TRF420	Major Collector Road - Mohammed Access (Future)	2105m	2028	\$10,668,195
TRF421	Sub-Arterial Road - 2 Lane Median Divided - Greypeaks Drive Stage 3 (Future)	437m	2024	\$3,242,381
TRF422	Sub-Arterial Road - 2 Lane Median Divided - New Maitland Road (Future)	2443m	2041	\$18,707,839
TRF423	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	1056m	2036	\$8,957,359
TRF424	Sub-Arterial Road - 2 Lane Median Divided - 0 (Future)	677m	2041	\$5,185,900
TRF425	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	1248m	2036	\$10,584,369
TRF426	Sub-Arterial Road - 4 Lane Median Divided - Mount Peter Road (Major Upgrade)	1364m	2036	\$11,474,882
TRF427	Sub-Arterial Road - 2 Lane Median Divided - Mount Peter Road (Future)	1738m	2036	\$10,969,365
TRF428	Major Collector Road - Hussey Road: Fantin Access (Future)	709m	2046	\$3,706,868
TRF429	Major Collector Road - Fantin Access (Future)	1210m	2041	\$4,702,204
TRF430	Sub-Arterial Road - 2 Lane Median Divided - Mackillop Rd West (Future)	671m	2024	\$2,955,000
TRF431	Sub-Arterial Road - 2 Lane Median Divided - Sandy Road (Future)	372m	2036	\$2,845,452
TRF432	Sub-Arterial Road - 2 Lane Median Divided - Sandy Road (Future)	1127m	2036	\$8,629,996
TRF433	Sub-Arterial Road - 2 Lane Median Divided - Sandy Road (Future)	284m	2036	\$1,795,441
TRF434	Major Collector Road - Harold Road (Future)	1320m	2036	\$6,901,619
TRF435	Major Collector Road - Harold Road (Future)	227m	2036	\$880,920

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF436	Major Collector Road - Hussey Road (Future)	1702m	2041	\$6,612,304
TRF437	Major Collector Road - Hussey Road (Future)	556m	2046	\$2,161,088
TRF438	Major Collector Road - 0 (Future)	1709m	2041	\$8,937,487
TRF439	Major Collector Road - Sawmill Pocket Road (Future)	332m	2041	\$1,290,430
TRF440	Major Collector Road - 0 (Future)	368m	2036	\$1,926,140
TRF441	Major Collector Road - 0 (Future)	573m	2036	\$2,224,348
TRF442	Major Collector Road - 0 (Future)	706m	2036	\$3,692,506
TRF443	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	855m	2036	\$5,513,052
TRF444	Sub-Arterial Road - 2 Lane Undivided - Jones Road (Future)	786m	2036	\$4,015,319
TRF445	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	650m	2036	\$3,318,427
TRF446	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	113m	2036	\$728,459
TRF447	Sub-Arterial Road - 2 Lane Undivided - Castlereagh Street (Future)	481m	2036	\$2,293,241
TRF448	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	632m	2036	\$4,074,131
TRF449	Major Collector Road - Lake Placid Road (Minor Upgrade)	738m	2036	\$1,719,502
TRF450	Minor Collector Road - Fretwell Road (Major Upgrade)	354m	2024	\$994,850
TRF451	Minor Collector Road - Johnson Road (Major Upgrade)	342m	2025	\$965,300
TRF452	Major Collector Road - Arnold Street (Major Upgrade)	180m	2020	\$507,275
TRF453	Major Collector Road - Magazine Street (Major Upgrade)	625m	2020	\$1,758,225
TRF454	Sub-Arterial Road - 2 Lane Undivided - Brinsmead Road (Major Upgrade)	1479m	2031	\$8,463,801

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF458	Major Collector Road - Links Drive (Minor Upgrade)	300m	2025	\$453,100
TRF459	Major Collector Road - Links Drive (Major Upgrade)	699m	2025	\$1,802,550
TRF460	Major Collector Road - Links Drive (Major Upgrade)	208m	2026	\$620,550
TRF461	Major Collector Road - Links Drive (Major Upgrade)	322m	2026	\$961,781
TRF462	Major Collector Road - Links Drive (Major Upgrade)	192m	2026	\$574,819
TRF467	Sub-Arterial Road - 2 Lane Undivided - Balaclava Road (Minor Upgrade)	413m	2036	\$1,183,501
TRF472	Sub-Arterial Road - 4 Lane Median Divided - Airport Avenue (Major Upgrade)	793m	2026	\$3,890,750
TRF484	Sub-Arterial Road - 4 Lane Median Divided - (Staged)	297m	2036	\$1,141,075
TRF485	Sub-Arterial Road - 4 Lane Median Divided - Swallow Road (Major Upgrade)	207m	2021	\$1,280,500
TRF486	Sub-Arterial Road - 4 Lane Median Divided - Thomson Road (Major Upgrade)	889m	2041	\$6,824,838
TRF487	Major Collector Road - Cottesloe Drive : Hope St (Future)	723m	2022	\$1,930,600
TRF488	Industrial Collector Road - Scott St Extension (Major Upgrade)	649m	2031	\$3,396,331
TRF489	Major Collector Road – Hillary Drive (Future)	475m	2022	\$1,691,399
TRF490	Major Collector Road – Timberlea Drive (Minor Upgrade)	362m	2028	\$809,057
TRF491	Major Collector Road – Timberlea Drive (Minor Upgrade)	618m	2028	\$1,380,722
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 1 (Future)	(Project Cost)	2031	\$3,761,467

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 2 (Future)	(Project Cost)	2031	\$50,282
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 3 (Future)	(Project Cost)	2032	\$50,282
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 4 (Future)	(Project Cost)	2033	\$13,332,623
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 5 (Future)	(Project Cost)	2034	\$13,332,623
TOTAL				\$740,127,672

Table SC3.3.5 - Transport (pedestrian and cycle) network schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF001	Pathway	5015m ²	2020	\$713,306
PWF002	Pathway	1938m ²	2035	Cost included in transport (road) network
PWF003	Pathway	3755m ²	2020	\$534,043
PWF004	Pathway	5193m ²	2020	\$738,568
PWF005	Pathway	1588m ²	2020	\$225,855
PWF007	Pathway	1714m ²	2035	Cost included in transport (road) network
PWF008	Pathway	1008m ²	2035	Cost included in transport (road) network
PWF009	Pathway	4850m ²	2030	\$752,436
PWF010	Pathway	1252m ²	2025	\$186,121
PWF011	Pathway	4201m ²	2022	Cost included in transport (road) network
PWF012	Pathway	815m ²	2025	\$121,195
PWF014	Pathway	324m ²	2025	Cost included in transport (road) network
PWF015	Pathway	1525m ²	2025	\$226,825
PWF016	Pathway	607m ²	2028	Cost included in transport (road) network
PWF017	Pathway	1592m ²	2025	Cost included in transport (road) network
PWF018	Pathway	1890m ²	2025	\$281,061
PWF022	Pathway	694m ²	2020	\$98,714
PWF023	Pathway	12255m ²	2025	Cost included in transport (road) network
PWF024	Pathway	479m ²	2025	Cost included in transport (road) network
PWF025	Pathway	975m ²	2025	\$144,960
PWF029	Pathway	1142m ²	2025	\$169,777
PWF030	Pathway	1088m ²	2025	\$161,797

Note—15. Table SC3.2.5 Column 5 - The establishment cost is expressed in current cost terms as at the base date.



Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF032	Pathway	1673m ²	2025	Cost included in transport (road) network
PWF033	Pathway	1000m ²	2019	\$142,182
PWF034	Pathway	5930m ²	2025	\$881,700
PWF036	Pathway	1169m ²	2030	\$181,386
PWF038	Pathway	1712m ²	2025	\$254,580
PWF039	Pathway	2245m ²	2025	\$333,784
PWF040	Pathway	599m ²	2025	\$89,028
PWF041	Pathway	6821m ²	2025	\$1,014,174
PWF042	Pathway	709m ²	2020	\$100,774
PWF043	Pathway	2168m ²	2025	\$322,349
PWF044	Pathway	4484m ²	2025	\$666,782
PWF045	Pathway	2038m ²	2025	\$303,037
PWF046	Pathway	1962m ²	2025	\$291,743
PWF047	Pathway	928m ²	2025	\$138,011
PWF048	Pathway	1802m ²	2025	\$268,005
PWF049	Pathway	3791m ²	2025	\$563,745
PWF050	Pathway	855m ²	2025	\$127,078
PWF051	Pathway	990m ²	2025	\$147,179
PWF052	Pathway	1325m ²	2025	\$197,055
PWF053	Pathway	597m ²	2025	\$88,787
PWF054	Pathway	514m ²	2025	\$76,408
PWF055	Pathway	2439m ²	2025	\$362,698
PWF056	Pathway	2900m ²	2025	\$431,236
PWF057	Pathway	2699m ²	2025	\$401,361
PWF058	Pathway	3638m ²	2025	\$540,998
PWF059	Pathway	2484m ²	2025	\$369,303
PWF060	Pathway	1735m ²	2025	\$258,002
PWF061	Pathway	3982m ²	2025	\$592,130

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF062	Pathway	3551m ²	2025	\$528,077
PWF063	Pathway	772m ²	2025	\$114,772
PWF064	Pathway	1575m ²	2025	\$234,175
PWF065	Pathway	1776m ²	2020	Cost included in transport (road) network
PWF066	Pathway	3272m ²	2025	\$486,505
PWF067	Pathway	446m ²	2035	Cost included in transport (road) network
PWF068	Pathway	1815m ²	2035	Cost included in transport (road) network
PWF069	Pathway	239m ²	2035	Cost included in transport (road) network
PWF070	Pathway	1601m ²	2035	\$248,355
PWF071	Pathway	1368m ²	2026	\$203,420
PWF072	Pathway	1103m ²	2035	Cost included in transport (road) network
PWF073	Pathway	1688m ²	2025	Cost included in transport (road) network
PWF074	Pathway	1237m ²	2025	\$183,923
PWF076	Pathway	2940m ²	2025	\$437,131
PWF077	Pathway	1503m ²	2025	\$223,411
PWF078	Pathway	637m ²	2020	Cost included in transport (road) network
PWF079	Pathway	732m ²	2022	Cost included in transport (road) network
PWF080	Pathway	1624m ²	2030	\$251,961
PWF081	Pathway	1697m ²	2035	Cost included in transport (road) network
PWF084	Pathway	553m ²	2025	\$82,184
PWF085	Pathway	499m ²	2035	Cost included in transport (road) network
PWF086	Pathway	1322m ²	2025	Cost included in transport (road) network

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF087	Pathway	1886m ²	2035	Cost included in transport (road) network
PWF089	Pathway	7974m ²	2025	\$1,185,723
PWF090	Pathway	724m ²	2025	\$107,599
PWF091	Pathway	221m ²	2025	\$32,812
PWF092	Pathway	1142m ²	2025	\$169,826
PWF093	Pathway	1002m ²	2025	\$149,026
PWF094	Pathway	910m ²	2020	\$129,393
PWF095	Pathway	4163m ²	2020	\$592,074
PWF096	Pathway	1723m ²	2020	\$245,108
PWF097	Pathway	1163m ²	2020	\$165,459
PWF098	Pathway	886m ²	2025	\$131,733
PWF099	Pathway	2741m ²	2025	\$407,577
PWF100	Pathway	1456m ²	2025	\$216,488
PWF101	Pathway	766m ²	2025	\$113,966
PWF103	Pathway	1908m ²	2035	\$296,034
PWF104	Pathway	1408m ²	2021	Cost included in transport (road) network
PWF105	Pathway	380m ²	2025	\$56,485
PWF107	Pathway	5437m ²	2021	\$773,226
PWF108	Pathway	1450m ²	2021	Cost included in transport (road) network
PWF109	Pathway	964m ²	2030	\$149,580
PWF110	Pathway	455m ²	2030	\$70,523
PWF111	Pathway	419m ²	2030	Cost included in transport (road) network
PWF112	Pathway	8161m ²	2025	\$1,213,520
PWF113	Pathway	525m ²	2025	\$78,067
PWF115	Pathway	189m ²	2025	\$28,140
PWF117	Pathway	3240m ²	2021	Cost included in transport (road) network

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF118	Pathway	2159m ²	2021	Cost included in transport (road) network
PWF121	Pathway	278m ²	2020	Cost included in transport (road) network
PWF122	Pathway	569m ²	2020	\$80,886
PWF123	Pathway	835m ²	2026	Cost included in transport (road) network
PWF124	Pathway	745m ²	2025	\$110,740
PWF125	Pathway	1810m ²	2035	Cost included in transport (road) network
PWF129	Pathway	1562m ²	2019	\$222,158
PWF130	Pathway	1143m ²	2019	\$162,525
PWF131	Pathway	3784m ²	2019	\$538,169
PWF132	Pathway	2314m ²	2019	\$329,084
PWF133	Pathway	1263m ²	2019	\$179,601
PWF134	Pathway	2306m ²	2019	Cost included in transport (road) network
PWF135	Pathway	5037m ²	2019	\$716,436
PWF136	Pathway	265m ²	2025	\$39,412
PWF137	Pathway	2631m ²	2019	\$374,163
PWF138	Pathway	720m ²	2019	\$102,390
PWF139	Pathway	751m ²	2026	Cost included in transport (road) network
PWF140	Pathway	2027m ²	2026	\$301,461
PWF141	Pathway	561m ²	2025	Cost included in transport (road) network
PWF142	Pathway	1402m ²	2025	\$208,516
PWF143	Pathway	5915m ²	2035	Cost included in transport (road) network
PWF144	Pathway	1061m ²	2036	Cost included in transport (road) network
PWF146	Pathway	1449m ²	2026	Cost included in transport (road) network

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF147	Pathway	1059m ²	2036	Cost included in transport (road) network
PWF148	Pathway	1023m ²	2026	Cost included in transport (road) network
PWF149	Pathway	3145m ²	2041	Cost included in transport (road) network
PWF150	Pathway	874m ²	2026	Cost included in transport (road) network
PWF151	Pathway	4886m ²	2041	Cost included in transport (road) network
PWF152	Pathway	2113m ²	2036	Cost included in transport (road) network
PWF153	Pathway	1354m ²	2041	Cost included in transport (road) network
PWF154	Pathway	2728m ²	2026	Cost included in transport (road) network
PWF155	Pathway	3475m ²	2035	Cost included in transport (road) network
PWF156	Pathway	1342m ²	2026	Cost included in transport (road) network
PWF157	Pathway	743m ²	2031	Cost included in transport (road) network
PWF158	Pathway	2254m ²	2031	Cost included in transport (road) network
PWF159	Pathway	569m ²	2031	Cost included in transport (road) network
PWF160	Pathway	1709m ²	2036	Cost included in transport (road) network
PWF161	Pathway	1573m ²	2036	Cost included in transport (road) network
PWF162	Pathway	1300m ²	2036	Cost included in transport (road) network
PWF163	Pathway	226m ²	2036	Cost included in transport (road) network
PWF164	Pathway	961m ²	2036	Cost included in transport (road) network

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF165	Pathway	1263m ²	2036	Cost included in transport (road) network
PWF167	Pathway	1550m ²	2035	\$240,566
TOTAL				\$26,410,552

Table SC3.3.6 - Parks and land for community facilities schedule of works

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF003	City Wide Recreation Park - Upgrade Holloways Beach Foreshore	-	2019	\$0
OSF004	City Wide Recreation Park - Develop foreshore parklands	20000m ²	2026	\$1,941,832
OSF005	City Wide Sports Park - New City Wide Sports Park	200000m ²	2036	\$7,478,106
OSF007	District Recreation Park - Upgrade District Park	-	2036	\$699,742
OSF008	District Sports Park - Upgrade Smithfield Sports Precinct	-	2026	\$5,750,000
OSF010	District Sports Park - New District Sports Park on highway location to serve Districts 1 and 2	200000m ²	2036	\$11,349,857
OSF012	Local Recreation Park - Upgrade Local Parks - Canopy's Edge	-	2021	\$61,322
OSF014	Local Recreation Park - Upgrade existing park	-	2027	\$278,236
OSF015	Local Recreation Park - New Local Park As Approved For Smithfield Village (2 of 3 Parks)	10000m ²	2019	\$1,095,188
OSF017	Local Recreation Park - New Local Park As Approved For Smithfield Village (3 of 3 Parks)	10000m ²	2020	\$1,095,188
OSF020	Local Recreation Park - New Local Park	10000m ²	2021	\$751,784
OSF021	City Wide Recreation Park - Upgrade Foreshore Parkland - Trinity Beach	-	2020	\$498,814
OSF023	City Wide Recreation Park - Upgrade Ellis Beach Foreshore	-	2028	\$512,877
OSF024	Community Facility - Land for new Community Meeting Space	2000m ²	2030	\$300,000
OSF025	Conservation - Upgrade existing Conservation area (Earl Hill) when land	-	2027	\$302,597

Note—16. Table SC3.2.6 Column 5 - The establishment cost is expressed in current cost terms as at the base date.



Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	comes to Council. Provide new trails and recreation nodes			
OSF026	District Recreation Park - Bluewater Estate - new District Park and linear open space along creek (provide path and seats)	20000m ²	2021	\$1,682,597
OSF027	District Recreation Park - New District Park	20000m ²	2025	\$1,727,194
OSF029	Local Recreation Park - New Local Park - Expand existing parkland	10000m ²	2021	\$1,110,435
OSF030	District Recreation Park - Upgrade Foreshore Parkland - Kewarra Beach	-	2020	\$551,900
OSF031	District Recreation Park - Upgrade foreshore area with picnic and active recreation facilities	-	2023	\$498,814
OSF033	Local Recreation Park - Bluewater Estate - 1 local Park	10000m ²	2020	\$634,704
OSF035	Local Recreation Park - New Local Parks	20000m ²	2020	\$2,056,659
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 1	-	2019	\$187,000
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 2	-	2020	\$187,000
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 3	-	2021	\$207,000
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 4	-	2022	\$500,000
OSF037	City Wide Recreation Park - Esplanade	-	2023	\$500,000

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	upgrades - allowance for future upgrades and development to cater for growth - Stage 5			
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 6	-	2024	\$500,000
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 7	-	2025	\$500,000
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 8	-	2026	\$1,000,000
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 9	-	2027	\$1,000,000
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth - Stage 10	-	2028	\$500,000
OSF038	City Wide Sports Park - Upgrade capacity for Cairns North Sports Reserve	-	2022	\$1,184,743
OSF040	District Sports Park - Upgrade Aeroglen Touch Fields - to accommodate demand across several Districts	-	2021	\$417,190
OSF041	District Recreation Park - Upgrade Picnic and park facilities at Mulgrave River	-	2019	\$2,362,000
OSF042	District Recreation Park - Upgrade district park facilities at Goldsborough	-	2026	\$335,293
OSF043	District Recreation Park - Upgrade Fisher Road Park	-	2036	\$6,000,000

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF045	District Sports Park - Upgrade Johnson Park Sports Precinct	-	2031	\$742,323
OSF047	Local Recreation Park - New Local Park	10000m ²	2022	\$365,495
OSF048	Local Recreation Park - New Local Park	10000m ²	2036	\$389,690
OSF049	Local Recreation Park - New Local Park	10000m ²	2036	\$389,690
OSF050	City Wide Recreation Park - Japanese Gardens and Centenary Lakes - Upgrade	-	2019	\$350,000
OSF051	District Recreation Park - District Park required if urban development proceeds in this area	20000m ²	2021	\$2,361,628
OSF052	District Recreation Park - Upgrade district park	-	2023	\$427,620
OSF053	District Recreation Park - Provide active recreation facilities, boardwalks, shelters (edges of Central swamp conservation area)	-	2026	\$670,586
OSF054	District Recreation Park - Upgrade Goomboora Park	-	2031	\$699,742
OSF055	Local Recreation Park - Upgrade Local Park	-	2036	\$280,227
OSF059	Local Recreation Park - New Local Park	10000m ²	2021	\$796,331
OSF060	Local Recreation Park - Upgrade Local Park	-	2026	\$188,482
OSF064	Local Recreation Park - New Local Park - need to acquire land with frontage	5000m ²	2036	\$461,773
OSF065	District Recreation Park - New Civic/District Rec Park	11930m ²	2026	\$3,152,308
OSF066	District Recreation Park - New District Recreation Park adjacent to creeks	120000m ²	2036	\$7,218,632
OSF067	District Sports Park - New District Sports Park	100000m ²	2030	\$8,321,140
OSF068	District Sports Park - New District Sports Park with Local Park Recreation node	110000m ²	2036	\$9,091,224

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF069	District Sports Park - New District Sports Park	100000m ²	2036	\$8,321,140
OSF071	Local Recreation Park - New Local Park	10000m ²	2026	\$414,065
OSF072	Local Recreation Park - New Local Park	10000m ²	2026	\$414,065
OSF073	Local Recreation Park - New Local Prk Rec Node adjacent to creek	4000m ²	2028	\$249,548
OSF074	Local Recreation Park - New Local Park	10000m ²	2036	\$427,748
OSF075	Local Recreation Park - New Local Park	10000m ²	2031	\$427,748
OSF076	Local Recreation Park - New Local Park adjacent to creek	10000m ²	2031	\$427,748
OSF077	Local Recreation Park - New Local Park	10000m ²	2036	\$427,748
OSF078	Local Recreation Park - New Local Park adjacent to creek	10000m ²	2041	\$427,748
OSF079	Local Recreation Park - New Local Park	10000m ²	2041	\$427,748
OSF080	Local Recreation Park - New Local Park	10000m ²	2041	\$427,748
OSF081	Local Recreation Park - New Local Park	10000m ²	2046	\$427,748
OSF082	Local Recreation Park - New Local Park	10000m ²	2046	\$427,748
OSF083	Local Recreation Park - New Local Park	10000m ²	2031	\$427,748
OSF084	Local Recreation Park - New Local Park	10000m ²	2036	\$427,748
OSF085	Local Recreation Park - New Local Park	10000m ²	2041	\$427,748
OSF086	Local Recreation Park - New Local Park	10000m ²	2046	\$427,748
OSF087	Local Recreation Park - New Local Park	10000m ²	2041	\$427,748
OSF089	Local Recreation Park - New Local Park adjacent to Creek corridor	20000m ²	2020	\$1,286,149
OSF090	District Recreation Park - Upgrade the Rocks with additional picnic facilities	-	2028	\$274,389
OSF091	District Recreation Park - New District Park adjacent to Creek corridor	20000m ²	2020	\$1,222,738

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF092	District Sports Park - Upgrading Redlynch Joint Sporting Facilities Precinct according to Master Plan (50%)	-	2019	\$104,297
OSF093	District Sports Park - New District Sports Park. To address current and future need	200000m ²	2019	\$11,891,107
OSF094	District Sports Park - Upgrading Redlynch Joint Sporting Facilities Precinct according to Master Plan (50%)	-	2027	\$839,222
OSF095	Local Recreation Park - New Local Park	10000m ²	2021	\$690,292
OSF096	District Recreation Park - Upgrade Foreshore and Local Park to District Park - East Trinity	-	2036	\$699,742
OSF097	District Sports Park - Upgrade District Sports Park	-	2031	\$742,323
OSF099	Local Recreation Park - Upgrade Carl Mellick Pk	-	2026	\$335,293
OSF100	District Recreation Park - Upgrade Bramston Beach Foreshore	-	2027	\$500,000
OSF101	City Wide Recreation Park - Sugarworld Gardens redevelopment	-	2019	\$600,000
OSF103	Community Facility - New Community Facility / Library and Meeting Space	4000m ²	2020	\$43,036
OSF104	District Recreation Park - Down Park – upgrading District Park – additional recreation nodes and informal facilities	-	2023	\$427,620
OSF105	District Recreation Park - Tom Murray Pk - upgrading district park facilities and provision for active informal recreation/ junior sport	-	2028	\$381,634
OSF106	District Recreation Park - Upgrade to Todd Park	-	2019	\$350,969
OSF107	Local Recreation Park - New Local Park	10000m ²	2021	\$466,620

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	adjacent to Creek corridor			
OSF108	Local Recreation Park - New Local Park	10000m ²	2021	\$466,620
OSF109	District Recreation Park - Upgrade existing land to District Recreation Park	-	2026	\$670,586
OSF110	District Recreation Park - District Park for difficult to locate sports - Stage 1	100000m ²	2022	\$8,932,980
OSF110	District Recreation Park - District Park for difficult to locate sports - Stage 2	-	2023	\$1,000,000
OSF110	District Recreation Park - District Park for difficult to locate sports - Stage 3	-	2024	\$2,000,000
OSF111	District Recreation Park - Upgrade Existing Open Space to District Park with Active Recreation facilities	-	2026	\$670,586
OSF112	District Recreation Park - Upgrade Local Recreation Park to District Recreation Park	-	2022	\$641,430
OSF116	Local Recreation Park - Smaller Local Park Provided. Creek and road barriers affect ability to provide larger Local Park servicing greater area	5000m ²	2020	\$263,085
OSF117	Local Recreation Park - Smaller Local Park Provided. Creek and road barriers affect ability to provide larger Local Park servicing greater area	3000m ²	2021	\$229,966
OSF119	Local Recreation Park - New Local Park	3664m ²	2020	\$326,812
OSF120	Local Recreation Park - Smaller Local Park Provided. Creek and road barriers affect ability to provide larger Local Park servicing greater area	5000m ²	2020	\$263,085
OSF121	Local Recreation Park - New Local Park	10000m ²	2021	\$431,733
OSF122	Local Recreation Park - New Local Park	10000m ²	2019	\$431,733

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF124	Local Recreation Park - Upgrade Local Park	-	2020	\$159,348
OSF127	Community Facility - New Community Facility / Library and Meeting Space - Mt Peter - Coopers Road	10860m ²	2026	\$323,071
OSF128	Community Facility - New Community Facilities	1000m ²	2026	\$9,414
OSF129	District Sports Park - Upgrade Sports and Rec Park - Trinity Beach Sporting Precinct	-	2023	\$4,000,000
OSF130	District Recreation Park - Upgrade District Park - Barron Waters/Burrawungul Park	-	2021	\$1,250,000
OSF131	District Sports Park - Upgrade District Sports Park - CycleTrack	-	2024	\$1,800,000
OSF132	District Sports Park - Upgrade District Sports Park - Griffiths Park	-	2022	\$2,803,495
OSF133	City Wide Sports Park - Upgrade City Wide Sports Park - Barlow Park	-	2023	\$4,000,000
OSF134	District Recreation Park - Upgrade District Recreation Park - Crystal Cascades	-	2022	\$450,000
OSF135	District Sports Park - Upgrade District Recreation Park - Jeff Pezzuti Park	-	2023	\$3,000,000
OSF136	District Sports Park - Upgrade District Sport and Rec Park - Fuller Park	-	2021	\$300,000
OSF137	District Sports Park - Upgrade District Sport and Recreation Park - Tiffany St, White Rock	-	2023	\$1,600,000
OSF138	Local Recreation Park - New Local Park - Sandown Close, Woree	3200m ²	2021	\$426,537
OSF139	Community Facility - Cairns Multicultural Centre	5000m ²	2019	\$550,000
OSF140	District Sports Park - New District Sport Park - Alley Park	-	2019	\$1,500,000

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF141	City Wide Recreation Park - Upgrade City Wide Park - Kenrick Park	-	2024	\$8,500,000
			TOTAL	\$174,199,374

SC3.4 List of extrinsic material

Table SC3.14 – List of extrinsic material

Title of document	Date	Author
Planning Elements		
CairnsPlan 2016 Version 1.2	December 2017	Cairns Regional Council (CRC)
ABS Community Profiles including: <ul style="list-style-type: none"> o Basic Community Profile o Place of Enumeration Profile o Working Population Profile 	2016	Australian Bureau of Statistics (ABS)
ABS Tourist Accommodation, Small Area Data, Queensland	June 2008 and 2010	ABS
QGS Estimated Residential Population and Population Forecasts by LGA, 2011 – 2036, 2015 Edition	2016	Qld Government Statistician (QGS)
QGS Projected Dwellings (medium series) by LGA 2011 – 2036, 2015 Edition	2016	QGS
Cairns Airport Land Use Plan	December 2012	Cairns Airport Pty Ltd
James Cook University – Cairns Campus Master Plan 2010	2010	Flanagan Consulting Group
Draft Coopers Road Local Area Framework Plan	2013	Satterley Property Group
Mount Peter Structure Plan Area Sequencing of Development and Infrastructure	2010	Mount Peter Master Planning Group (Cardno)
City Port Local Area Plan and Seaport Local Area Plan	March 2013	Cairns Port Authority
Cairns Regional Council – Draft Broadhectare Study	2014	Qld Government Statistician (QGS)

Infrastructure Elements		
Water Supply and Wastewater		
Population and Demand Spatial Model - Methodology and Assumptions	2017	Integran
Gordonvale Wastewater Treatment Plant Planning Study	2012	CH2MHILL
Edmonton Wastewater Treatment Plant Planning Study	2012	CH2MHILL
Southern Wastewater Treatment Plant Planning Report	2013	GHD
Bulk Water Transfer Scenario Development	2015	CRC
Demand Management Strategy (2016 – 2025)	2015	CRC
Mount Peter Water Supply Catchment Planning Study	2015	CRC
Goldsborough Water Supply Planning Report Update	2005	SKM
Babinda Water Network and Christian St Booster Pump Station Sizing	2014	CRC
Review of Water Reticulation Trunk Upgrade Requirements for LGIP - All Catchments	2015	CRC
Design Criteria Review_Trunk Water and Sewage Planning	2015	CRC
Water and Sewage Infrastructure Unit Rates	2016	Cardno
Cairns Regional Council Assets	2015	CRC
FNQROC Development Manual	2014	FNQROC
Planning Guidelines for Water and Sewage	2014	DEWS
WSAA Codes	Various	WSAA
Review of Owners Project Cost and Contingency Allowances	2009	Evans and Peck
Northern Wastewater Treatment Plant Planning Report	2015	CH2MHILL
Marlin Coast Wastewater Treatment Plant Planning Report	2015	CH2MHILL
Babinda Wastewater Treatment Plant Planning Report	2016	Hunter H20
Marlin Coast Sewerage Catchment Planning Report	2018	Cardno
Northern WWTP Sewerage Catchment Planning Report	2017	Cardno
Southern WWTP Sewerage Catchment: Planning Report	2016	Cardno
Edmonton, Mount Peter and Gordonvale Sewerage Planning Report	2017	Cardno
Water Security Strategy Final Report	2015	CRC
Rural Water Supply Schemes - Preliminary Water Security and Levels of Service performance Assessment	2018	Stantec
Freshwater Water Treatment Plant Planning Report	2018	Hunter H20
Moore Road and University Reservoir Catchment Planning Study	2018	Stantec
Mount Peter Water Supply Catchment Planning Study	2015	CRC

Goldsborough Water Supply Planning Report Update	2005	SKM
Babinda Water Network and Christian St Booster Pump Station Sizing	2014	CRC
Review of Water Reticulation Trunk Upgrade Requirements for LGIP - All Catchments	2015	CRC
Design Criteria Review Trunk Water and Sewage Planning	2015	CRC
Transport		
Cairns Regional Council Transport Network Plan	2006	Flanagan Consulting Group
Draft CRC Priority Infrastructure Plan	2010	CRC
Cairns Transit Network	2010	PDS Live
Far North Queensland Principal Cycle Network Plan	2009	Department of Transport and Main Roads
Extract of Property Sales and UCV database	2009	CRC
Cairns Regional Council Asset Registers	2009 and 2014	CRC
Cairns Regional Council Unit Rate Costs for Council Assets (2009)	2009 and 2014	
Stormwater		
Palm Cove Drainage Management Planning Report	1998	Connell Wagner
CBD and Environs DMP 2001	2001	SKM
Cayley Street Drain DMP	1996	Pat Flanagan & Associates
Skeleton Creek DMP for Cairns City Council Phase 1 Report	1997	Colefax Clayton Smith
Skeleton Creek DMP for Cairns City Council Phase 2 Report	1998	Colefax Clayton Smith
Smithfield DMP Stage 1 Report	1996	Ove ARUP
Smithfield DMP Stage 2 Report	1997	Ove ARUP
Dillon Close Drain – White Rock DMP	2001	SKM
Review of Drainage Management Plans Blackfellows Creek	2008	WorleyParsons
Review of Drainage Management Plans Collinson/McKinnons Creek	2008	WorleyParsons
Review of Drainage Management Plans O’Learys Creek	2008	WorleyParsons
Stoney Creek Drainage Management Plan Volume 2 – Phase 2 Report	2001	Flanagan Consulting Group
Hydraulic Investigation of Moores Gully	2006	Brown Consulting
Trinity Beach Drainage Study 1996	1996	Pat Flanagan & Associates

Parks and Land for Community Facilities		
Public Parks and Land for Community Purposes – Trunk Infrastructure Planning Study	2010	Strategic Leisure
Cairns Regional Council Public Open Space Policy	2013	CRC
Cairns Regional Council asset register - parks facilities.	2010	CRC
Cairns Regional Council, The Community Development Strategic Plan 2011-2016	2011	CRC
Cairns Regional Council, Future Needs Report Cairns Social and Community Infrastructure Needs Study	2011	99 Consulting/Fieldworx
Cairns Regional Council, Cycling and Walking Study 2010-2030	2010	Strategic Leisure
Far North Queensland Principle Cycle Network Plan	2009	DTMR
The valuation of Cairns Regional Council Land, Buildings and Other Structure Assets	2017	APV Valuers and Asset Management