

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 TR (1-3)	Catchment maps - transport (roads)
CM TR-P (1-3)	Catchment maps - transport (pedestrian and cycle movement)
CM SW (1-6)	Catchment maps - stormwater
CM PPLCF (1-3)	Catchment maps - public parks and land for community facilities
WS (1-17)	Plans for trunk infrastructure - water supply
SEW (1-14)	Plans for trunk infrastructure - wastewater
TR-R (1-30)	Plans for trunk infrastructure - transport (roads)
TP (1-15)	Plans for trunk infrastructure - transport (pedestrian and cycle movement)
SW (1-18)	Plans for trunk infrastructure - stormwater
EX PPLCF (1-22)	Plans for trunk infrastructure - existing public parks and land for community facilities
FUT PPLCF (1-19)	Plans for trunk infrastructure - future public parks and land for community facilities

SC3.2 Planning assumption tables

Table SC3.2.1.a – Existing and projected population

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population					
		2013 (Existing)	2016	2021	2026	2031	Ultimate development (capacity)
Cairns Beaches	Single dwelling	15,759	17,079	19,115	21,095	22,663	24,332
	Multiple dwelling	4,499	4,876	5,457	6,022	6,470	6,946

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population					Ultimate development (capacity)
		2013 (Existing)	2016	2021	2026	2031	
	Other dwelling	495	537	600	663	712	764
	Total	20,753	22,492	25,173	27,779	29,844	32,042
Barron - Smithfield	Single dwelling	12,934	14,478	16,830	19,110	20,765	21,777
	Multiple dwelling	3,692	4,133	4,804	5,455	5,928	6,217
	Other dwelling	406	455	529	600	652	684
	Total	17,032	19,066	22,163	25,165	27,346	28,678
Redlynch Valley	Single dwelling	6,306	6,875	7,710	8,513	9,036	9,134
	Multiple dwelling	1,800	1,963	2,201	2,430	2,580	2,608
	Other dwelling	198	216	242	267	284	287
	Total	8,305	9,053	10,154	11,211	11,900	12,029
Freshwater - Stratford - Aeroglen	Single dwelling	3,048	3,145	3,396	3,648	3,839	3,900
	Multiple dwelling	870	898	969	1,041	1,096	1,113
	Other dwelling	96	99	107	115	121	123
	Total	4,013	4,142	4,472	4,804	5,056	5,135
CBD - North Cairns	Single dwelling	12,684	13,981	16,357	18,802	21,494	26,947
	Multiple dwelling	3,621	3,991	4,669	5,367	6,136	7,693
	Other dwelling	398	439	514	591	675	847
	Total	16,703	18,411	21,541	24,760	28,306	35,487
Portsmith - Woree Industrial	Single dwelling	675	690	844	934	989	1,038
	Multiple dwelling	193	197	241	266	282	296
	Other dwelling	21	22	27	29	31	33
	Total	889	909	1,112	1,229	1,302	1,367
Inner Suburbs	Single dwelling	46,637	48,577	52,496	56,601	60,630	63,473
	Multiple dwelling	13,314	13,867	14,986	16,158	17,308	18,120
	Other dwelling	1,465	1,526	1,649	1,778	1,905	1,994
	Total	61,416	63,971	69,131	74,536	79,843	83,587
White Rock - Edmonton	Single dwelling	22,907	24,588	27,120	29,562	31,319	32,094
	Multiple dwelling	6,539	7,019	7,742	8,439	8,941	9,162
	Other dwelling	720	772	852	929	984	1,008

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected population					
		2013 (Existing)	2016	2021	2026	2031	Ultimate development (capacity)
	Total	30,166	32,379	35,714	38,929	41,244	42,263
Mt Peter	Single dwelling	13	34	476	1,116	1,375	1,438
	Multiple dwelling	4	10	136	319	392	411
	Other dwelling	0	1	15	35	43	45
	Total	17	45	627	1,470	1,810	1,894
Gordonvale - Goldsborough	Single dwelling	3,907	4,169	4,607	5,198	6,065	6,135
	Multiple dwelling	1,115	1,190	1,315	1,484	1,731	1,751
	Other dwelling	123	131	145	163	191	193
	Total	5,146	5,490	6,067	6,845	7,987	8,079
Babinda	Single dwelling	1,017	1,021	1,035	1,050	1,069	1,111
	Multiple dwelling	290	292	295	300	305	317
	Other dwelling	32	32	33	33	34	35
	Total	1,340	1,345	1,363	1,383	1,407	1,463
Inside priority infrastructure area (total)	Single dwelling	125,889	134,639	149,987	165,627	179,244	191,380
	Multiple dwelling	35,937	38,435	42,817	47,282	51,169	54,633
	Other dwelling	3,955	4,229	4,712	5,203	5,631	6,012
	Total	165,781	177,304	197,516	218,112	236,043	252,025
Outside priority infrastructure area (total)	Single dwelling	8,403	8,812	9,520	10,260	13,119	35,790
	Multiple dwelling	2,399	2516	2,718	2,929	3,745	10,217
	Other dwelling	264	277	299	322	412	1,124
	Total	11,065	11,605	12,537	13,512	17,276	47,131
Cairns Regional Council	Single dwelling	134,291	143,451	159,507	175,888	192,363	227,170
	Multiple dwelling	38,336	40,951	45,535	50,211	54,914	64,850
	Other dwelling	4,219	4,506	5,011	5,525	6,043	7,136
	Total	176,846	188,908	210,053	231,624	253,320	299,156

Table SC3.2.2.a – Existing and projected employees

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2013	2016	2021	2026	2031	Ultimate development (capacity)
Cairns Beaches	Retail	871	937	1,042	1,150	1,257	1,406
	Commercial	3,351	3,612	4,026	4,448	4,871	5,458
	Industry	0	0	0	0	0	0
	Community Purposes	601	645	715	787	858	958
	Rural and Other Uses	887	983	1,132	1,277	1,391	1,516
	Total	5,710	6,177	6,916	7,662	8,377	9,339
Barron - Smithfield	Retail	457	536	662	785	885	971
	Commercial	1,757	2,069	2,564	3,051	3,444	3,782
	Industry	269	288	317	343	363	364
	Community Purposes	315	368	452	534	601	658
	Rural and Other Uses	728	844	1,021	1,188	1,308	1,386
	Total	3,526	4,105	5,015	5,902	6,602	7,161
Redlynch Valley	Retail	222	238	265	292	316	337
	Commercial	853	917	1,022	1,128	1,223	1,308
	Industry	0	0	0	0	0	0
	Community Purposes	153	164	182	200	216	230
	Rural and Other Uses	355	396	457	516	554	562
	Total	1,583	1,715	1,925	2,135	2,309	2,437
Freshwater - Stratford - Aerglen	Retail	445	461	485	510	538	570
	Commercial	1,711	1,774	1,869	1,968	2,077	2,206
	Industry	1,057	1,105	1,180	1,254	1,330	1,371
	Community Purposes	307	318	334	350	369	391
	Rural and Other Uses	172	182	199	217	231	234
	Total	3,692	3,839	4,065	4,299	4,544	4,773
CBD - North Cairns	Retail	2,578	2,730	2,971	3,222	3,499	3,893
	Commercial	9,925	10,519	11,469	12,454	13,542	15,096



Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2013	2016	2021	2026	2031	Ultimate development (capacity)
	Industry	168	176	191	205	219	225
	Community Purposes	1,779	1,880	2,041	2,208	2,393	2,655
	Rural and Other Uses	714	813	985	1,164	1,360	1,760
	Total	15,164	16,118	17,657	19,252	21,012	23,628
Portsmouth - Woree Industrial	Retail	115	125	141	158	175	197
	Commercial	444	483	546	612	679	765
	Industry	6,641	7,095	7,794	8,489	9,185	9,593
	Community Purposes	80	86	97	108	119	134
	Rural and Other Uses	38	45	54	60	64	65
	Total	7,318	7,835	8,632	9,427	10,222	10,753
Inner Suburbs	Retail	2,174	2,271	2,431	2,600	2,777	2,915
	Commercial	8,367	8,748	9,378	10,041	10,735	11,284
	Industry	1,664	1,724	1,819	1,915	2,013	2,026
	Community Purposes	1,500	1,565	1,672	1,785	1,903	1,994
	Rural and Other Uses	2,625	2,779	3,058	3,353	3,640	3,860
	Total	16,330	17,088	18,358	19,694	21,068	22,080
White Rock - Edmonton	Retail	599	667	776	892	1,045	1,366
	Commercial	2,304	2,572	3,002	3,457	4,059	5,322
	Industry	517	626	810	999	1,261	1,580
	Community Purposes	413	459	532	609	711	924
	Rural and Other Uses	1,289	1,410	1,595	1,773	1,899	1,963
	Total	5,122	5,734	6,715	7,730	8,975	11,155
Mt Peter	Retail	3	0	4	8	8	18
	Commercial	13	1	15	32	33	70
	Industry	0	0	0	0	0	0
	Community Purposes	2	0	3	5	6	12

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2013	2016	2021	2026	2031	Ultimate development (capacity)
	Rural and Other Uses	1	2	35	80	72	74
	Total	19	5	56	125	119	174
Gordonvale - Goldsborough	Retail	149	157	171	186	187	219
	Commercial	573	606	659	718	724	849
	Industry	366	387	420	453	430	437
	Community Purposes	103	108	117	127	128	149
	Rural and Other Uses	220	239	271	314	329	322
	Total	1,411	1,498	1,638	1,799	1,798	1,976
Babinda	Retail	93	93	97	102	108	120
	Commercial	357	359	375	394	416	463
	Industry	47	62	78	144	206	264
	Community Purposes	64	64	67	70	74	82
	Rural and Other Uses	57	58	59	60	61	64
	Total	617	636	676	770	864	993
Inside priority infrastructure area (total)	Retail	7,704	8,215	9,045	9,904	10,795	12,013
	Commercial	29,655	31,661	34,925	38,303	41,802	46,603
	Industry	10,729	11,464	12,609	13,802	15,008	15,860
	Community Purposes	5,316	5,658	6,211	6,783	7,378	8,185
	Rural and Other Uses	7,086	7,751	8,865	10,002	10,907	11,808
	Total	60,490	64,748	71,655	78,795	85,890	94,469
Outside priority infrastructure area (total)	Retail	878	961	1,100	1,244	1,656	2,159
	Commercial	3,381	3,703	4,246	4,812	6,413	8,397
	Industry	226	307	453	611	924	2,752
	Community Purposes	606	662	755	852	1,132	1,464
	Rural and Other Uses	1,913	2,115	2,466	2,847	4,142	6,232
	Total	7,005	7,747	9,019	10,366	14,268	21,004

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Employees					
		2013	2016	2021	2026	2031	Ultimate development (capacity)
Cairns Regional Council	Retail	8,582	9,176	10,145	11,149	12,452	14,171
	Commercial	33,036	35,364	39,170	43,115	48,216	55,000
	Industry	10,955	11,771	13,062	14,412	15,932	18,612
	Community Purposes	5,923	6,320	6,966	7,636	8,510	9,649
	Rural and Other Uses	8,999	9,865	11,331	12,849	15,049	18,041
	Total		67,495	72,495	80,674	89,161	100,158

Table SC3.2.3.a - 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
Limited Development		NA	2.1
Rural Residential		NA	2.1
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

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)
Low Density Residential		NA	10
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	58
Township		NA	9
Tourist Accommodation		NA	72
Tourist Accommodation	City Centre Local Plan Precinct 2	NA	299
Tourist Accommodation	Building Heights Overlay - Precinct 1	NA	299
Tourist Accommodation	Building Heights Overlay - Precinct 2	NA	127
Tourist Accommodation	Building Heights Overlay - Precinct 3	NA	118
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	344
Principal Centre	City Centre Local Plan Precinct 2	NA	248
Principal Centre	City Centre Local Plan Sub-Precinct 1a	NA	200
Principal Centre	City Port Local Plan - Precinct 10	NA	309
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

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)
Local Centre		NA	4
Neighbourhood Centre		NA	4
Specialised Centre	Hospitals & Allied Medical - BHO Precinct 2	NA	127
Specialised Centre	Hospitals & Allied Medical - BHO Precinct 3	NA	118
Mixed Use	Commercial - BHO Precinct 1	NA	131
Mixed Use	Commercial - City Centre Local Plan Precinct 2	NA	131
Mixed Use	Commercial - BHO Precinct 2	NA	65
Mixed Use	Commercial - BHO Precinct 3	NA	56
Mixed Use	Commercial	NA	26
Mixed Use	Trades and Services - BHO Precinct 2	NA	17
Mixed Use	Trades and Services	NA	2
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

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)
Rural	Edmonton Business - Precinct 7 - High Impact Sports	20	NA
Rural	Edmonton Business - Precinct 8 - Future Investigation	150	NA
Limited Development	Edmonton Business - Precinct 2 - Industry	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
Principal Centre	City Port Local Plan - Precinct 10	30	NA
Major Centre	Earlville	30	NA
Major Centre	Smithfield	30	NA
Major Centre	Edmonton - Precinct 1 - Centre	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)
	Core		
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 2	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 2	30	NA
Mixed Use	Commercial - BHO Precinct 3	30	NA
Mixed Use	Commercial	30	NA
Mixed Use	Trades and Services - BHO Precinct 2	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

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 4	30	NA
Strategic Port Land	City Port LP - Precinct 5	30	NA
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

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)
Community Facilities	City Centre Local Plan Precinct 1	30	NA
Community Facilities	City Centre Local Plan Precinct 2	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
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.a - Demand generation rate for a trunk infrastructure network

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Residential development						
Rural		0.02	0.02	0.02	0.05	0.02
Rural	Babinda Local Plan Site C	9	9	9	0.4	9
Limited Development		2	2	2	0.2	2

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Rural Residential		2	2	2	0.2	2
Emerging Communities		13	13	13	0.5	13
Emerging Communities	Mount Peter Precinct 2 - Cooper Road - Residential 12-15 Dwellings	13	13	13	0.5	13
Emerging Communities	Mount Peter Precinct 2 - Cooper Road - Residential 15-20 Dwellings	16	16	16	0.5	16
Emerging Communities	Mount Peter Precinct 3 - Maitland Road	12	12	12	0.5	12
Emerging Communities	Mount Peter Precinct 4 - Future Urban Communities	12	12	12	0.5	12
Emerging Communities	Gordonvale Local Plan - Precinct 4 - Draper Road Residential	10	10	10	0.5	10
Low Density Residential		10	10	10	0.4	10
Low Density Residential	Babinda	9	9	9	0.4	9
Low-Medium Density Residential		13	13	13	0.6	13
Medium Density Residential		33	33	33	0.75	33
Medium Density Residential	Building Heights Overlay - Precinct 3	40	40	40	0.75	40
Township		9	9	9	0.4	9
Tourist Accommodation		49	49	49	0.75	49
Tourist Accommodation	City Centre Local Plan Precinct 2	202	202	202	0.75	202
Tourist Accommodation	Building Heights Overlay - Precinct 1	207	207	207	0.75	207
Tourist Accommodation	Building Heights Overlay - Precinct 2	86	86	86	0.75	86

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Tourist Accommodation	Building Heights Overlay - Precinct 3	80	80	80	0.75	80
Tourist Accommodation	Islands - Fitzroy Island	4	4	4	0.75	4
Tourist Accommodation	Islands - Green Island	12	12	12	0.75	12
Tourist Accommodation	Islands - Double Island	4	4	4	0.75	4
Principal Centre	City Centre Local Plan Precinct 1	232	232	232	1	232
Principal Centre	City Centre Local Plan Precinct 2	168	168	168	1	168
Principal Centre	City Centre Local Plan Sub-Precinct 1a	135	135	135	1	135
Principal Centre	City Port Local Plan - Precinct 10	209	209	209	1	209
Major Centre	Edmonton - Precinct 1 - Centre Core	16	16	16	1	16
Major Centre	Edmonton - Precinct 2 - Centre Frame	16	16	16	1	16
District Centre	Gordonvale	3	3	3	1	3
District Centre	Babinda	3	3	3	1	3
Local Centre		3	3	3	0.9	3
Neighbourhood Centre		3	3	3	0.9	3
Specialised Centre	Hospitals & Allied Medical - BHO Precinct 2	86	86	86	0.9	86
Specialised Centre	Hospitals & Allied Medical - BHO Precinct 3	80	80	80	0.9	80
Mixed Use	Commercial - BHO Precinct 1	89	89	89	0.9	89
Mixed Use	Commercial - City Centre Local Plan Precinct 2	89	89	89	0.9	89
Mixed Use	Commercial - BHO Precinct 2	44	44	44	0.9	44
Mixed Use	Commercial - BHO Precinct 3	38	38	38	0.9	38

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Mixed Use	Commercial	18	18	18	0.9	18
Mixed Use	Trades and Services - BHO Precinct 2	11	11	11	0.9	11
Mixed Use	Trades and Services	1	1	1	0.9	1
Mixed Use	Residential	30	30	30	0.9	30
Strategic Port Land	City Port LP - Precinct 8	185	185	185	1	185
Strategic Port Land	City Port LP - Precinct 10	209	209	209	1	209
Strategic Port Land	City Port LP - Precinct 11	155	155	155	1	155
Strategic Port Land	City Port LP - Precinct 2	130	130	130	1	130
Strategic Port Land	City Port LP - Precinct 3	10	10	10	1	10
Strategic Port Land	City Port LP - Precinct 4	146	146	146	1	146
Strategic Port Land	City Port LP - Precinct 5	121	121	121	1	121
Strategic Port Land	City Port LP - Precinct 6	94	94	94	1	94
Strategic Port Land	City Port LP - Precinct 7	45	45	45	1	45
Rural	Edmonton Business - Precinct 2 - Industry	15	15	15	0.9	NA
Rural	Edmonton Business - Precinct 7 - High Impact Sports	9	9	4.5	0.9	NA
Rural	Edmonton Business - Precinct 8 - Future Investigation	15	15	15	0.9	NA
Limited Development	Edmonton Business - Precinct 2 - Industry	15	15	15	0.9	NA
Emerging Communities	Edmonton Business - Precinct 1 - Business, Trade & Services	8	8	16	0.9	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Emerging Communities	Edmonton Business - Precinct 2 - Industry	15	15	15	0.9	NA
Emerging Communities	Edmonton Business - Precinct 3 - Transport & High Impact Industry	15	15	15	0.9	NA
Emerging Communities	Edmonton Business - Precinct 4 - Mixed Use Centre	14	14	14	0.9	NA
Emerging Communities	Edmonton Business - Precinct 8 - Future Investigation	15	15	15	0.9	NA
Emerging Communities	Gordonvale Local Plan - Precinct 3 – Riverstone Road	15	15	11.25	0.9	NA
Low Density Residential	Edmonton Business - Precinct 2 - Industry	15	15	15	0.9	NA
Principal Centre	City Centre Local Plan Precinct 1	60	60	120	1	NA
Principal Centre	City Centre Local Plan Precinct 2	60	60	120	1	NA
Principal Centre	City Centre Local Plan Sub-Precinct 1a	60	60	120	1	NA
Principal Centre	City Port Local Plan - Precinct 10	60	60	90	1	NA
Major Centre	Earlville	30	30	75	1	NA
Major Centre	Smithfield	30	30	75	1	NA
Major Centre	Edmonton - Precinct 1 - Centre Core	14	14	35	1	NA
Major Centre	Edmonton - Precinct 2 - Centre Frame	14	14	35	1	NA
District Centre		28	28	70	1	NA
District Centre	Gordonvale	25	25	62.5	1	NA
District Centre	Babinda	25	25	62.5	1	NA
Local Centre		17	17	34	0.9	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Neighbourhood Centre		14	14	28	0.9	NA
Specialised Centre	Hospitals & Allied Medical - BHO 2	130	130	195	0.9	NA
Specialised Centre	Showgrounds & Major Sport	12	12	12	0.2	NA
Tourism		10	10	10	0.2	NA
Mixed Use	Commercial - BHO Precinct 1	30	30	30	0.9	NA
Mixed Use	Commercial - City Centre Local Plan Precinct 2	30	30	30	0.9	NA
Mixed Use	Commercial - BHO Precinct 2	28	28	28	0.9	NA
Mixed Use	Commercial - BHO Precinct 3	28	28	28	0.9	NA
Mixed Use	Commercial	14	14	14	0.9	NA
Mixed Use	Trades and Services - BHO Precinct 2	8	8	16	0.9	NA
Mixed Use	Trades and Services	8	8	16	0.9	NA
Mixed Use	Residential	4	4	4	0.9	NA
Strategic Port Land	City Port LP - Precinct 8	60	60	90	1	NA
Strategic Port Land	City Port LP - Precinct 10	30	30	45	1	NA
Strategic Port Land	City Port LP - Precinct 11	30	30	45	1	NA
Strategic Port Land	City Port LP - Precinct 12	15	15	22.5	1	NA
Strategic Port Land	City Port LP - Precinct 1	60	60	90	1	NA
Strategic Port Land	City Port LP - Precinct 2	60	60	90	1	NA
Strategic Port Land	City Port LP - Precinct 3	60	60	90	1	NA
Strategic Port Land	City Port LP - Precinct 4	60	60	90	1	NA
Strategic Port Land	City Port LP - Precinct 5	60	60	90	1	NA
Strategic Port Land	City Port LP - Precinct 6	60	60	90	1	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Strategic Port Land	City Port LP - Precinct 7	60	60	90	1	NA
Strategic Port Land	Sea Port LP - Commercial & Business	15	15	30	0.9	NA
Strategic Port Land	Sea Port LP - Industrial	15	15	15	0.9	NA
Strategic Port Land	Sea Port LP - Industrial & Liquid Bulk	15	15	15	0.9	NA
Strategic Port Land	Sea Port LP - Mixed Cargo	15	15	15	0.9	NA
Strategic Port Land	Sea Port LP - Navy	15	15	15	0.9	NA
Strategic Port Land	Sea Port LP - Waterfront Industry	15	15	15	0.9	NA
Strategic Port Land		15	15	15	0.9	NA
Low Impact Industry		8	8	16	0.9	NA
Low Impact Industry	Edmonton Business - Precinct 1 - Business, Trade & Services	8	8	16	0.9	NA
Low Impact Industry	Edmonton Business - Precinct 2 - Industry	15	15	15	0.9	NA
Medium Impact Industry		15	15	11.25	0.9	NA
Medium Impact Industry	Gordonvale Local Plan - Precinct 3 – Riverstone Road	15	15	11.25	0.9	NA
High Impact Industry		15	15	7.5	0.9	NA
High Impact Industry	Gordonvale Local Plan - Precinct 5 - Mill	15	15	7.5	0.9	NA
Waterfront and Marine Industry		15	15	11.25	0.9	NA
Community Facilities		8	8	8	0.2	NA
Community Facilities	City Centre Local Plan Precinct 1	60	60	60	0.9	NA
Community	City Centre Local	60	60	60	0.9	NA

Column 1 Zone	Column 2 Precinct / Location	Column 3 Demand generation rate for a trunk infrastructure network				
		Water supply network (EDU/Ha)	Wastewater network (EDU/Ha)	Transport (Roads) network (EDU/Ha)	Stormwater network (Impervious fraction)	PPCL network and Transport (Pedestrian & cycle movement) network (EDU/Ha)
Facilities	Plan Precinct 2					
Community Facilities	Edmonton Business - Precinct 2 - Industry	15	15	15	0.9	NA
Special Purpose		1	1	1	0.2	NA
Special Purpose	Developed - e.g. Depot, Office.	8	8	8	0.9	NA
Sport and Recreation		9	9	4.5	0.1	NA
Sport and Recreation	With pool	29	29	29	0.1	NA
Sport and Recreation	Edmonton Business - Precinct 7 - High Impact Sports	9	9	4.5	0.1	NA
Sport and Recreation	Edmonton Business - Precinct 8 - Future Investigation	15	15	15	0.1	NA
Open Space		0	0	0	0	NA
Open Space	Active with pool (esplanade lagoon)	29	29	14.5	0	NA
Open Space	Active without pool (esplanade)	9	9	4.5	0	NA
Environmental Management		0	0	0	0	NA
Conservation		0	0	0	0	NA

Table SC3.2.5.a – Existing and projected residential dwellings

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings					
		2013 (Existing)	2016	2021	2026	2031	Ultimate development (capacity)
Cairns Beaches	Single dwelling	5,670	6,240	7,075	7,891	8,567	9,281
	Multiple dwelling	2,394	2,635	2,988	3,332	3,618	3,920
	Other dwelling	246	271	308	343	372	403
	Total	8,311	9,146	10,370	11,567	12,558	13,604

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings					
		2013 (Existing)	2016	2021	2026	2031	Ultimate development (capacity)
Barron - Smithfield	Single dwelling	4,653	5,290	6,229	7,149	7,850	8,307
	Multiple dwelling	1,965	2,234	2,630	3,019	3,315	3,508
	Other dwelling	202	230	271	311	341	361
	Total	6,821	7,753	9,130	10,478	11,506	12,176
Redlynch Valley	Single dwelling	2,269	2,512	2,854	3,185	3,416	3,484
	Multiple dwelling	958	1,061	1,205	1,345	1,443	1,471
	Other dwelling	99	109	124	138	148	151
	Total	3,326	3,681	4,183	4,668	5,007	5,107
Freshwater - Stratford - Aeroglen	Single dwelling	1,097	1,149	1,257	1,365	1,451	1,488
	Multiple dwelling	463	485	531	576	613	628
	Other dwelling	48	50	55	59	63	65
	Total	1,607	1,684	1,842	2,000	2,127	2,180
CBD - North Cairns	Single dwelling	4,564	5,108	6,054	7,034	8,126	10,279
	Multiple dwelling	1,927	2,157	2,556	2,970	3,431	4,341
	Other dwelling	198	222	263	306	353	447
	Total	6,689	7,487	8,873	10,310	11,911	15,067
Portsmouth - Woree Industrial	Single dwelling	243	252	313	349	374	396
	Multiple dwelling	103	106	132	147	158	167
	Other dwelling	11	11	14	15	16	17
	Total	356	370	458	512	548	581
Inner Suburbs	Single dwelling	16,780	17,747	19,429	21,174	22,921	24,212
	Multiple dwelling	7,086	7,495	8,205	8,942	9,679	10,225
	Other dwelling	729	771	844	920	996	1,052
	Total	24,595	26,013	28,478	31,036	33,596	35,490
White Rock - Edmonton	Single dwelling	8,242	8,983	10,037	11,059	11,840	12,242
	Multiple dwelling	3,480	3,793	4,239	4,670	5,000	5,170
	Other dwelling	358	390	436	481	515	532
	Total	12,081	13,167	14,712	16,210	17,355	17,944
Mt Peter	Single dwelling	5	12	176	418	520	549
	Multiple dwelling	2	5	74	176	219	232

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and projected residential dwellings					
		2013 (Existing)	2016	2021	2026	2031	Ultimate development (capacity)
	Other dwelling	0	1	8	18	23	24
	Total	7	18	258	612	762	804
Gordonvale - Goldsborough	Single dwelling	1,406	1,523	1,705	1,944	2,293	2,340
	Multiple dwelling	594	643	720	821	968	988
	Other dwelling	61	66	74	85	100	102
	Total	2,061	2,233	2,499	2,850	3,361	3,430
Babinda	Single dwelling	366	373	383	393	404	424
	Multiple dwelling	155	158	162	166	171	179
	Other dwelling	16	16	17	17	18	18
	Total	537	547	561	576	592	621
Inside priority infrastructure area (total)	Single dwelling	45,294	49,189	55,510	61,960	67,762	73,003
	Multiple dwelling	19,127	20,772	23,441	26,165	28,615	30,829
	Other dwelling	1,969	2,138	2,413	2,693	2,945	3,173
	Total	66,390	72,099	81,364	90,819	99,322	107,005
Outside priority infrastructure area (total)	Single dwelling	3,023	3,219	3,523	3,838	4,960	13,652
	Multiple dwelling	1,277	1,360	1,488	1,621	2,094	5,765
	Other dwelling	131	140	153	167	216	593
	Total	4,431	4,719	5,164	5,626	7,269	20,011
Cairns Regional Council	Single dwelling	48,317	52,408	59,033	65,798	72,721	86,656
	Multiple dwelling	20,404	22,132	24,929	27,786	30,710	36,594
	Other dwelling	2,100	2,278	2,566	2,860	3,161	3,767
	Total	70,821	76,818	86,528	96,445	106,592	127,017

Table SC3.2.6.a – 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					
		2013	2016	2021	2026	2031	Ultimate development (capacity)
Cairns Beaches	Retail	26,117	28,111	31,271	34,488	37,717	42,191
	Commercial	100,532	108,360	120,789	133,442	146,127	163,753
	Industry	0	0	0	0	0	0
	Community Purposes	15,019	16,129	17,882	19,667	21,462	23,938
	Rural and Other Uses	17,742	19,660	22,646	25,545	27,814	30,325
	Total	159,410	172,260	192,587	213,143	233,119	260,208
Barron - Smithfield	Retail	13,696	16,075	19,853	23,564	26,565	29,140
	Commercial	52,719	62,065	76,921	91,517	103,307	113,464
	Industry	40,299	43,193	47,505	51,501	54,521	54,608
	Community Purposes	7,876	9,199	11,296	13,356	15,023	16,445
	Rural and Other Uses	14,560	16,884	20,417	23,767	26,162	27,721
	Total	129,151	147,415	175,992	203,705	225,578	241,378
Redlynch Valley	Retail	6,649	7,139	7,937	8,749	9,475	10,115
	Commercial	25,594	27,519	30,657	33,848	36,702	39,227
	Industry	0	0	0	0	0	0
	Community Purposes	3,824	4,097	4,539	4,990	5,394	5,747
	Rural and Other Uses	7,099	7,920	9,144	10,319	11,073	11,247
	Total	43,167	46,675	52,278	57,906	62,644	66,337
Freshwater - Stratford - Aeroglen	Retail	13,339	13,817	14,539	15,296	16,132	17,111
	Commercial	51,344	53,217	56,055	59,032	62,310	66,182
	Industry	158,621	165,752	176,956	188,062	199,487	205,683
	Community Purposes	7,671	7,938	8,338	8,759	9,225	9,764
	Rural and Other Uses	3,431	3,637	3,979	4,342	4,614	4,686
	Total	234,406	244,360	259,868	275,492	291,768	303,427
CBD - North Cairns	Retail	77,350	81,891	89,137	96,652	104,963	116,793
	Commercial	297,740	315,562	344,061	373,610	406,248	452,874

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Non Residential Floor Space m ²					Ultimate development (capacity)
		2013	2016	2021	2026	2031	
	Industry	25,143	26,448	28,618	30,751	32,809	33,711
	Community Purposes	44,482	47,011	51,032	55,204	59,826	66,367
	Rural and Other Uses	14,279	16,255	19,704	23,276	27,191	35,204
	Total	458,995	487,167	532,552	579,493	631,038	704,948
Portsmouth - Woree Industrial	Retail	3,460	3,759	4,240	4,742	5,254	5,909
	Commercial	13,320	14,493	16,383	18,356	20,367	22,949
	Industry	996,142	1,064,321	1,169,135	1,273,377	1,377,781	1,438,898
	Community Purposes	1,990	2,157	2,423	2,702	2,986	3,348
	Rural and Other Uses	760	892	1,076	1,197	1,274	1,293
	Total	1,015,672	1,085,621	1,193,258	1,300,373	1,407,661	1,472,396
Inner Suburbs	Retail	65,208	68,129	72,936	77,999	83,305	87,459
	Commercial	251,004	262,452	281,340	301,227	322,037	338,518
	Industry	249,660	258,671	272,904	287,197	301,994	303,932
	Community Purposes	37,500	39,129	41,801	44,617	47,575	49,846
	Rural and Other Uses	52,503	55,578	61,152	67,069	72,800	77,207
	Total	655,875	683,959	730,133	778,108	827,711	856,962
White Rock - Edmonton	Retail	17,956	20,002	23,288	26,760	31,354	40,975
	Commercial	69,116	77,153	90,073	103,724	121,785	159,656
	Industry	77,551	93,929	121,499	149,830	189,157	237,062
	Community Purposes	10,326	11,464	13,288	15,215	17,767	23,098
	Rural and Other Uses	25,788	28,207	31,900	35,456	37,975	39,261
	Total	200,736	230,756	280,048	330,985	398,039	500,052
Mt Peter	Retail	99	11	117	243	251	533
	Commercial	379	44	457	954	986	2,095
	Industry	0	0	0	0	0	0
	Community Purposes	57	6	65	135	140	296
	Rural and Other	15	49	693	1,603	1,447	1,490

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Non Residential Floor Space m ²					
		2013	2016	2021	2026	2031	Ultimate development (capacity)
	Uses						
	Total	549	110	1,331	2,936	2,823	4,414
Gordonvale - Goldsborough	Retail	4,467	4,720	5,120	5,573	5,607	6,559
	Commercial	17,196	18,188	19,760	21,542	21,721	25,484
	Industry	54,908	58,008	63,021	68,005	64,573	65,554
	Community Purposes	2,569	2,710	2,932	3,183	3,192	3,715
	Rural and Other Uses	4,399	4,780	5,418	6,281	6,571	6,445
	Total	83,540	88,406	96,250	104,585	101,664	107,758
Babinda	Retail	2,779	2,796	2,919	3,067	3,233	3,592
	Commercial	10,697	10,762	11,249	11,828	12,482	13,893
	Industry	6,984	9,282	11,763	21,531	30,832	39,619
	Community Purposes	1,598	1,608	1,676	1,758	1,850	2,049
	Rural and Other Uses	1,145	1,152	1,172	1,195	1,221	1,283
	Total	23,204	25,600	28,779	39,378	49,619	60,435
Inside priority infrastructure area (total)	Retail	231,120	246,449	271,356	297,133	323,855	360,378
	Commercial	889,642	949,815	1,047,745	1,149,081	1,254,072	1,398,094
	Industry	1,609,308	1,719,604	1,891,402	2,070,254	2,251,154	2,379,066
	Community Purposes	132,912	141,446	155,272	169,587	184,440	204,614
	Rural and Other Uses	141,722	155,015	177,301	200,050	218,141	236,164
	Total	3,004,705	3,212,329	3,543,075	3,886,104	4,231,663	4,578,316
Outside priority infrastructure area (total)	Retail	26,351	28,826	32,989	37,332	49,690	64,762
	Commercial	101,431	111,095	127,369	144,364	192,403	251,915
	Industry	33,957	46,001	67,926	91,609	138,629	412,745
	Community Purposes	15,154	16,545	18,878	21,309	28,302	36,609
	Rural and Other Uses	38,256	42,294	49,318	56,937	82,840	124,649
	Total	215,149	244,762	296,480	351,551	491,864	890,681
Cairns Regional	Retail	257,471	275,276	304,345	334,466	373,545	425,140

Column 1 Projection area	Column 2 LGIP development type	Column 3 Existing and Projected Non Residential Floor Space m ²					
		2013	2016	2021	2026	2031	Ultimate development (capacity)
Council	Commercial	991,074	1,060,910	1,175,114	1,293,445	1,446,475	1,650,010
	Industry	1,643,265	1,765,605	1,959,327	2,161,862	2,389,783	2,791,811
	Community Purposes	148,066	157,991	174,150	190,896	212,742	241,223
	Rural and Other Uses	179,977	197,309	226,619	256,986	300,982	360,813
	Total	3,219,854	3,457,091	3,839,555	4,237,655	4,723,527	5,468,996

SC3.3 Schedules of works

Table SC3.3.1.a - 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		2031	\$111,595,496
WIF002	Intake and Pump Station - Mulgrave River Intake Stage 1		2023	Included in budgeted for WTPF004
WPSF001	Pump Station - Warren Road Pump Station		2020	\$619,169
WPSF002	Pump Station - Discovery Drive Pump Station		2020	\$619,169
WPSF003	Pump Station - Trinity Beach Booster Pump System		2020	\$734,773
WPSF004	Pump Station - Lyndal Drive Pump Station		2018	\$4,501,039
WRF001	Reservoir - Kamerunga Reservoir and Clear Water Storage		2026	\$4,871,984
WRF002	Reservoir - Mount Peter		2026	\$4,635,771
WRF003	Reservoir - Goldsborough Low Level		2026	\$771,050
WTPF002	Water Treatment Plant - Kamerunga WTP Stage 1 (25ML/d)		2031	\$49,905,292

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
WTPF003	Water Treatment Plant - Southern WTP Stage 2 (19 ML/d)		2023	Included in budget for WTPF004
WTPF004	Water Treatment Plant - Southern WTP Stage 1 (40 ML/d)		2023	\$178,128,270
WMF001	Water Main (300)	606	2015	\$354,726
WMF002	Water Main (375)	2,387	2015	\$2,202,077
WMF003	Water Main (450)	1,030	2020	\$1,473,772
WMF004	Water Main (450)	602	2020	\$861,179
WMF005	Water Main (450)	274	2020	\$392,003
WMF006	Water Main (150)	916	2026	\$351,888
WMF007	Water Main (150)	300	2026	\$115,241
WMF008	Water Main (150)	2,327	2026	\$893,871
WMF009	Water Main (900)	3,165	2031	Included in budget for WIF001
WMF010	Water Main (750)	283	2031	Included in budget for WTPF002
WMF011	Water Main (150)	373	2026	\$143,389
WMF012	Water Main (150)	657	2026	\$213,536
WMF013	Water Main (150)	404	2026	\$155,177
WMF014	Water Main (300)	125	2015	\$73,132
WMF015	Water Main (525)	5,996	2023	Included in budget for WTPF004
WMF017	Water Main (200)	373	2015	\$189,555
WMF018	Water Main (500)	237	2015	\$348,468
WMF019	Water Main (450)	2,942	2015	\$3,562,487
WMF020	Water Main (375)	970	2020	\$1,263,619
WMF021	Water Main (375)	1,992	2020	\$2,524,523
WMF022	Water Main (600)	380	2031	\$762,465
WMF023	Water Main (375)	941	2026	\$920,447
WMF024	Water Main (300)	702	2026	\$486,043
WMF025	Water Main (225)	117	2026	\$62,222
WMF026	Water Main (225)	614	2021	\$326,915

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF027	Water Main (200)	67	2026	\$31,740
WMF028	Water Main (300)	1,796	2036	\$1,242,933
WMF029	Water Main (375)	889	2036	\$1,073,430
WMF030	Water Main (300)	482	2020	\$333,551
WMF031	Water Main (225)	606	2020	\$322,710
WMF032	Water Main (225)	343	2020	\$182,586
WMF033	Water Main (225)	74	2020	\$39,545
WMF034	Water Main (225)	345	2024	\$183,840
WMF035	Water Main (225)	121	2031	\$64,533
WMF037	Water Main (300)	2,618	2023	Included in budget for WTPF004
WMF038	Water Main (300)	536	2023	Included in budget for WTPF004
WMF039	Water Main (375)	681	2020	\$665,649
WMF040	Water Main (225)	1,072	2015	Included in budget for WMF002
WMF041	Water Main (225)	518	2015	Included in budget for WMF002
WMF042	Water Main (300)	307	2017	\$166,291
WMF043	Water Main (375)	417	2016	\$1,071,838
WMF044	Water Main (225)	18	2031	\$8,292
WMF045	Water Main (450)	639	2021	\$914,729
WMF046	Water Main (225)	294	2021	\$156,587
WMF047	Water Main (600)	743	2031	\$1,490,645
WMF048	Water Main (225)	184	2021	\$98,084
WMF049	Water Main (225)	19	2026	\$10,192
WMF050	Water Main (225)	592	2036	\$315,321
WMF051	Water Main (525)	466	2026	\$656,391
WMF052	Water Main (375)	429	2026	\$419,838
WMF053	Water Main (300)	59	2026	\$34,623
WMF054	Water Main (300)	785	2025	\$460,252
WMF055	Water Main (200)	22	2018	\$8,151

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF056	Water Main (525)	4,223	2026	\$5,953,461
WMF057	Water Main (375)	463	2018	\$418,692
WMF057	Water Main (375)	600	2026	\$587,072
WMF058	Water Main (225)	285	2018	\$118,493
WMF059	Water Main (450)	1,113	2026	\$1,593,351
WMF060	Water Main (300)	339	2026	\$234,703
WMF061	Water Main (300)	745	2026	\$436,586
WMF062	Water Main (300)	47	2026	\$79,672
WMF063	Water Main (375)	66	2026	\$86,388
WMF064	Water Main (200)	20	2018	\$8,904
WMF065	Water Main (300)	230	2031	\$159,410
WMF066	Water Main (300)	25	2018	\$16,121
WMF067	Water Main (300)	572	2020	\$396,284
WMF068	Water Main (225)	300	2036	\$159,881
WMF069	Water Main (375)	457	2036	\$551,556
WMF070	Water Main (225)	457	2026	\$243,648
WMF071	Water Main (225)	598	2031	\$318,629
WMF072	Water Main (375)	447	2020	\$436,839
WMF073	Water Main (225)	506	2036	\$269,420
WMF074	Water Main (225)	219	2015	Included in budget for WMF002
WMF075	Water Main (225)	599	2036	\$319,394
WMF076	Water Main (225)	473	2031	\$251,960
WMF077	Water Main (225)	363	2031	\$193,530
WMF078	Water Main (300)	1,290	2023	Included in budget for WTPF004
WMF079	Water Main (300)	770	2023	Included in budget for WTPF004
WMF080	Water Main (600)	870	2031	\$2,169,923
WMF081	Water Main (450)	666	2036	\$1,947,616
WMF082	Water Main (375)	645	2031	\$778,982

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF083	Water Main (300)	1,010	2031	\$699,044
WMF085	Water Main (300)	250	2036	\$173,315
WMF086	Water Main (225)	20	2020	\$10,714
WMF087	Water Main (300)	231	2017	\$125,045
WMF088	Water Main (300)	74	2018	\$47,421
WMF089	Water Main (375)	141	2018	\$127,712
WMF090	Water Main (225)	667	2036	\$355,301
WMF091	Water Main (225)	183	2031	\$97,387
WMF092	Water Main (600)	1,478	2031	\$3,688,479
WMF093	Water Main (450)	413	2020	\$590,744
WMF094	Water Main (225)	339	2036	\$180,655
WMF095	Water Main (300)	257	2016	\$157,635
WMF096	Water Main (600)	1,960	2031	\$4,889,495
WMF097	Water Main (450)	1,333	2036	\$3,891,348
WMF098	Water Main (225)	37	2026	\$25,080
WMF099	Water Main (450)	943	2036	\$1,456,555
WMF100	Water Main (225)	44	2031	\$29,442
WMF101	Water Main (300)	301	2036	\$510,487
WMF102	Water Main (225)	23	2021	\$12,108
WMF103	Water Main (225)	246	2036	\$131,161
WMF104	Water Main (225)	499	2020	\$265,634
WMF105	Water Main (200)	57	2020	\$27,082
WMF106	Water Main (200)	370	2036	\$175,963
WMF107	Water Main (600)	692	2026	\$1,389,556
WMF108	Water Main (225)	251	2031	\$133,981
WMF109	Water Main (300)	524	2018	\$283,593
WMF110	Water Main (300)	262	2020	\$181,347
WMF111	Water Main (225)	223	2018	\$92,907
WMF112	Water Main (1050)	1,805	2023	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
WMF114	Water Main (600)	2,598	2023	Included in budget for WTPF004
WMF116	Water Main (800)	1,924	2023	Included in budget for WTPF004
WMF117	Water Main (750)	1	2016	\$6,111,057
WMF118	Water main (500)	1,974	2034	\$2,782,984
WMF119	Water Main (500)	998	2021	\$1,736,154
WMF120	Water Main (600)	404	2016	\$717,146
WMF121	Water Main (750)	276	2029	\$1,000,999
WMF122	Water Main (750)	408	2031	Included in budget for WTPF002
WMF123	Water Main (750)	696	2031	Included in budget for WTPF002
WMF124	Water Main (600)	1,503	2026	\$3,255,875
WMF125	Water Main (600)	578	2036	\$1,252,557
WMF126	Water Main (225)	125	2015	\$56,424
WMF127	Water Main (225)	541	2015	\$243,694
WMF128	Water Main (225)	203	2015	\$91,698
WMF129	Water Main (225)	237	2015	\$106,643
WMF130	Water Main (225)	324	2015	\$146,154
WMF131	Water Main (225)	1,036	2015	\$467,102
WMF132	Water Main (225)	1,254	2020	\$667,914
WMF133	Water Main (225)	593	2020	\$316,176
WMF134	Water Main (150)	220	2041	\$84,445
WMF135	Water Main (600)	62	2018	\$114,871
WMF136	Water Main (600)	14	2018	\$25,318
WMF137	Water Main (600)	1,285	2018	\$2,381,140
WMF138	Water Main (600)	1,258	2018	\$2,330,272
WMF139	Water Main (225)	8	2014	\$3,451
WMF140	Water Main (150)	1	2015	\$189
WMF141	Water Main (300)	15	2014	\$20,004
WMF142	Water Main (300)	81	2014	\$105,215

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF143	Water Main (300)	64	2014	\$83,667
WMF144	Water Main (300)	47	2014	\$61,392
WMF145	Water Main (300)	1	2014	\$1,224
WMF146	Water Main (300)	2	2014	\$2,848
WMF147	Water Main (300)	138	2014	\$62,424
WMF148	Water Main (300)	2	2014	\$862
WMF149	Water Main (300)	285	2014	\$128,618
WMF150	Water Main (300)	43	2014	\$19,458
WMF151	Water Main (300)	61	2014	\$27,289
WMF152	Water Main (400)	68	2014	\$62,865
WMF153	Water Main (300)	76	2014	\$34,337
WMF154	Water Main (300)	98	2014	\$44,259
WMF155	Water Main (300)	93	2014	\$41,908
WMF156	Water Main (300)	571	2014	\$257,325
WMF157	Water Main (300)	251	2014	\$133,660
WMF158	Water Main (300)	271	2014	\$144,334
WMF159	Water Main (300)	2	2014	\$870
WMF160	Water Main (300)	2	2014	\$2,449
WMF161	Water Main (300)	20	2014	\$26,026
WMF162	Water Main (300)	58	2014	\$75,459
WMF163	Water Main (300)	38	2014	\$49,684
WMF164	Water Main (300)	16	2014	\$20,736
WMF165	Water Main (300)	37	2014	\$48,216
WMF166	Water Main (225)	2	2014	\$988
WMF167	Water Main (225)	3	2014	\$1,048
WMF168	Water Main (225)	35	2014	\$14,521
WMF169	Water Main (225)	2	2014	\$938
WMF170	Water Main (225)	37	2014	\$15,228
WMF171	Water Main (225)	69	2014	\$28,148

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF172	Water Main (225)	4	2014	\$1,446
WMF173	Water Main (225)	12	2014	\$4,793
WMF174	Water Main (225)	48	2014	\$19,798
WMF175	Water Main (225)	81	2014	\$33,402
WMF176	Water Main (225)	38	2014	\$15,589
WMF177	Water Main (225)	4	2014	\$1,781
WMF178	Water Main (225)	8	2014	\$3,413
WMF179	Water Main (225)	4	2014	\$1,819
WMF180	Water Main (225)	35	2014	\$14,323
WMF181	Water Main (300)	7	2014	\$3,600
WMF182	Water Main (300)	110	2014	\$58,402
WMF183	Water Main (300)	9	2014	\$11,829
WMF184	Water Main (300)	33	2014	\$43,366
WMF185	Water Main (300)	16	2014	\$20,525
WMF186	Water Main (300)	26	2014	\$33,709
WMF187	Water Main (300)	98	2014	\$52,285
WMF188	Water Main (400)	88	2014	\$65,952
WMF189	Water Main (450)	25	2014	\$22,629
WMF190	Water Main (300)	24	2014	\$30,912
WMF191	Water Main (450)	33	2015	\$40,209
WMF192	Water Main (450)	1	2015	\$1,052
WMF193	Water Main (450)	1	2015	\$1,398
WMF194	Water Main (300)	56	2014	\$25,040
WMF195	Water Main (300)	328	2014	\$148,064
WMF196	Water Main (300)	261	2014	\$117,839
WMF197	Water Main (300)	53	2014	\$23,916
WMF198	Water Main (300)	167	2014	\$88,751
WMF199	Water Main (300)	114	2014	\$60,785
WMF200	Water Main (300)	81	2014	\$36,406

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF201	Water Main (300)	321	2014	\$144,510
WMF202	Water Main (300)	55	2014	\$24,958
WMF203	Water Main (300)	254	2014	\$114,449
WMF204	Water Main (150)	15	2015	\$4,877
WMF205	Water Main (225)	63	2015	\$28,499
WMF206	Water Main (225)	48	2015	\$21,764
WMF207	Water Main (225)	14	2015	\$6,320
WMF208	Water Main (225)	5	2015	\$2,077
WMF209	Water Main (225)	4	2014	\$1,560
WMF210	Water Main (225)	113	2015	\$50,881
WMF211	Water Main (560)	260	2015	\$3,106,562
WMF212	Water Main (560)	24	2015	Included in budget for WMF211
WMF213	Water Main (560)	16	2015	Included in budget for WMF211
WMF214	Water Main (450)	114	2015	\$137,904
WMF215	Water Main (450)	271	2015	\$265,398
WMF216	Water Main (450)	5	2015	\$4,799
WMF217	Water Main (450)	40	2015	\$39,648
WMF218	Water Main (450)	11	2015	\$12,879
WMF219	Water Main (375)	123	2015	\$125,938
WMF220	Water Main (450)	124	2015	\$149,812
WMF221	Water Main (450)	189	2015	\$229,221
WMF222	Water Main (375)	154	2015	\$156,977
WMF223	Water Main (560)	854	2015	Included in budget for WMF211
WMF224	Water Main (560)	329	2015	Included in budget for WMF211
WMF225	Water Main (375)	36	2015	\$34,147
WMF226	Water Main (375)	40	2015	\$41,069
WMF227	Water Main (375)	43	2015	\$43,481
WMF228	Water Main (450)	42	2015	\$50,281

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ¹
WMF229	Water Main (375)	50	2015	\$50,820
WMF230	Water Main (450)	50	2015	\$60,173
WMF231	Water Main (450)	19	2015	\$23,379
WMF232	Water Main (375)	19	2015	\$19,792
WMF233	Water Main (375)	2	2015	\$1,696
WMF234	Water Main (450)	1	2015	\$1,623
WMF235	Water Main (375)	21	2015	\$21,160
WMF236	Water Main (450)	21	2015	\$25,254
WMF237	Water Main (375)	45	2015	\$46,276
WMF238	Water Main (375)	27	2015	\$27,944
WMF239	Water Main (450)	46	2015	\$55,390
WMF240	Water Main (450)	28	2015	\$33,355
WMF241	Water Main (150)	14	2014	\$4,042
WMF242	Water Main (150)	1	2014	\$258
WMF243	Water Main (300)	321	2026	\$221,855
TOTAL			\$453,274,713	

Table SC3.3.2.a – 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)		2025	\$11,082,103
WWTPF02	Wastewater Treatment Plant - Northern WWTP Upgrade (Plant Upgrade)		2028	\$30,783,620
WWTPF03	Wastewater Treatment Plant - Southern WWTP Upgrade (Plant Upgrade)		2028	\$36,940,345
WWTPF04	Wastewater Treatment Plant - Edmonton WWTP Upgrade (Major Upgrade)		2020	\$43,959,010

Note—12. Table SC3.2.2.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 ²
WWTPF05	Wastewater Treatment Plant - Babinda Wastewater Treatment Plant (Chlorine Tank Upgrade)		2019	\$492,537
WWTPF07	Wastewater Treatment Plant - Southern WWTP Upgrade (Sludge Dewatering)		2015	\$2,897,265
WWTPF08	Wastewater Treatment Plant - Edmonton WWTP Upgrade (Solids Separation)		2017	\$3,523,540
WWTPF09	Wastewater Treatment Plant - Gordonvale WWTP Upgrade (Plant Upgrade)		2028	\$9,850,759
WWTPF10	Wastewater Treatment Plant - Gordonvale WWTP Upgrade (Screen and Grit Removal)		2019	\$7,388,069
WWTPF11	Wastewater Treatment Plant - Northern WWTP Upgrade (Screen and Aeration Upgrade)		2021	\$3,817,168
WWTPF12	Wastewater Treatment Plant - Northern WWTP Upgrade (Digester Upgrade)		2023	\$9,850,759
WWTPF13	Wastewater Treatment Plant - Marlin Coast WWTP Upgrade (Digester Upgrade)		2021	\$9,850,759
WWTPF14	Wastewater Treatment Plant - Marlin Coast WWTP Upgrade (Digester Upgrade)		2030	\$7,388,069
SPSF001	Pump Station - Pump Station PC2 Upgrade Pumps		2026	\$289,309
SPSF002	Pump Station - Pump Station S1 Upgrade Pumps		2018	\$1,389,883
SPSF003	Pump Station - Pump Station PC1 Upgrade Pumps		2018	\$276,557
SPSF004	Pump Station - Pump Station WR4 Upgrade Pumps		2020	\$779,942
SPSF005	Pump Station - Pump Station J Upgrade		2015	\$3,374,509

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
	Wet Well and Pumps Stage 1			
SPSF006	Pump Station - Pump Station K Upgrade Wet Well And Pumps		2020	\$2,982,634
SPSF007	Pump Station - Pump Station RL3 Upgrade Pumps		2020	\$182,549
SPSF008	Pump Station - Pump Station R5 Upgrade Wet Well and Pumps		2020	\$256,558
SPSF009	Pump Station - Pump Station T1 Upgrade Pumps		2023	\$1,648,491
SPSF010	Pump Station - Pump Station W1 Upgrade Pumps		2017	\$557,999
SPSF011	Pump Station - Pump Station ED7 Upgrade Pumps		2031	\$141,651
SPSF012	Pump Station - Pump Station DC1 Upgrade Pumps		2016	\$2,855,022
SPSF013	Pump Station - Pump Station RR3 Upgrade Pumps		2017	\$621,280
SPSF014	Pump Station - Pump Station BM2 Upgrade Pumps		2021	\$118,946
SPSF015	Pump Station - Pump Station G and A Replace and Upgrade		2016	\$2,906,994
SPSF016	Pump Station - Pump Station R1 Upgrade Pumps		2020	\$1,944,095
SPSF017	Pump Station - Pump Station S4 - New SPS S4		2018	\$3,187,649
SPSF018	Pump Station - Pump Station T4 Upgrade		2020	\$373,996
SPSF019	Pump Station - Pump Station ED1 Upgrade Pumps		2026	\$1,378,250
SPSF020	Pump Station - Pump Station ED6 Upgrade		2018	\$253,893
SPSF021	Pump Station - Pump Station CV1 Upgrade Pumps		2031	\$440,418
SPSF022	Pump Station - Future Pump Station MP1		2015	\$281,813
SPSF030	Pump Station - Pump Station W5 Upgrade Pumps		2031	\$103,296

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
SPSF032	Pump Station - Pump Station J Upgrade Wet Well and Pumps Stage 2		2028	\$1,179,941
GMF001	Gravity Main - Augmentation (225mm)	42	2014	\$18,064
GMF002	Gravity Main - Augmentation (225mm)	26	2014	\$11,352
GMF003	Gravity Main - Augmentation (225mm)	19	2014	\$8,203
GMF004	Gravity Main - Augmentation (375mm)	18	2014	\$13,496
GMF005	Gravity Main - Augmentation (375mm)	24	2014	\$17,877
GMF006	Gravity Main - Augmentation (375mm)	10	2014	\$7,286
GMF007	Gravity Main - Augmentation (375mm)	5	2014	\$3,774
GMF008	Gravity Main - Augmentation (375mm)	54	2014	\$40,988
GMF009	Gravity Main - Augmentation (375mm)	49	2014	\$37,078
GMF010	Gravity Main - Augmentation (375mm)	46	2014	\$34,972
GMF011	Gravity Main - Augmentation (375mm)	12	2014	\$9,183
GMF012	Gravity Main - Augmentation (225mm)	36	2014	\$15,492
GMF013	Gravity Main - Augmentation (300mm)	76	2014	\$37,966
GMF014	Gravity Main - Augmentation (225mm)	5	2015	\$2,328
GMF015	Gravity Main - Augmentation (225mm)	63	2014	\$46,882
GMF016	Gravity Main - Augmentation (375mm)	4	2014	\$5,235
GMF017	Gravity Main - Augmentation (300mm)	51	2014	\$44,322

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF018	Gravity Main - Augmentation (300mm)	50	2014	\$43,280
GMF019	Gravity Main - Augmentation (225mm)	5	2014	\$3,537
GMF020	Gravity Main - Augmentation (225mm)	25	2014	\$18,786
GMF021	Gravity Main - Replacement (450mm)	82	2041	\$85,623
GMF022	Gravity Main - Replacement (450mm)	67	2041	\$111,643
GMF023	Gravity Main - Replacement (450mm)	23	2041	\$38,813
GMF024	Gravity Main - Replacement (450mm)	96	2041	\$160,240
GMF025	Gravity Main - Augmentation (525mm)	79	2041	\$159,145
GMF026	Gravity Main - Replacement (300mm)	66	2024	\$42,974
GMF027	Gravity Main - Replacement (300mm)	82	2024	\$53,106
GMF028	Gravity Main - Replacement (300mm)	41	2024	\$26,309
GMF029	Gravity Main - Replacement (300mm)	30	2024	\$19,258
GMF030	Gravity Main - Replacement (300mm)	37	2024	\$23,765
GMF031	Gravity Main - Replacement (300mm)	47	2024	\$30,714
GMF032	Gravity Main - Replacement (300mm)	65	2024	\$41,808
GMF033	Gravity Main - Replacement (375mm)	105	2041	\$103,401
GMF034	Gravity Main - Replacement (375mm)	102	2041	\$99,960
GMF035	Gravity Main - Replacement (375mm)	412	2041	\$405,632

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF036	Gravity Main - Augmentation (900mm)	27	2019	\$75,621
GMF037	Gravity Main - Augmentation (1050mm)	29	2022	\$165,229
GMF038	Gravity Main - Augmentation (525mm)	426	2022	\$846,865
GMF039	Gravity Main - Augmentation (375mm)	107	2018	\$7,109,279
GMF040	Gravity Main - Augmentation (300mm)	106	2018	Included in budget for GMF039
GMF041	Gravity Main - Augmentation (255mm)	63	2018	Included in budget for GMF039
GMF042	Gravity Main - Augmentation (375mm)	74	2018	Included in budget for GMF039
GMF043	Gravity Main - Augmentation (300mm)	90	2018	Included in budget for GMF039
GMF044	Gravity Main - Augmentation (600mm)	173	2018	Included in budget for GMF039
GMF045	Gravity Main - Augmentation (525mm)	186	2018	Included in budget for GMF039
GMF046	Gravity Main - Augmentation (450mm)	264	2018	Included in budget for GMF039
GMF047	Gravity Main - Augmentation (200mm)	260	2019	\$126,737
GMF048	Gravity Main - Augmentation (150mm)	170	2020	\$66,967
GMF050	Gravity Main - Augmentation (375mm)	709	2018	\$2,119,989
GMF051	Gravity Main - Augmentation (375mm)	317	2018	Included in project budget for GMF050
GMF052	Gravity Main - Augmentation (500mm)	295	2018	Included in budget for SPSF017
GMF055	Gravity Main - Replacement (375mm)	529	2026	\$520,804
GMF056	Gravity Main - Replacement (300mm)	465	2026	\$301,303

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
GMF057	Gravity Main - Replacement (300mm)	107	2024	\$69,224
GMF058	Gravity Main - Replacement (225mm)	66	2024	\$36,795
GMF059	Gravity Main - Replacement (525mm)	280	2041	\$561,914
GMF060	Gravity Main - Augmentation (150mm)	154	2018	Included in project budget for GMF050
PMF001	Pressure Main - Augmentation (225mm)	3	2014	\$2,653
PMF002	Pressure Main - Augmentation (280mm)	4	2014	\$5,781
PMF003	Pressure Main - Augmentation (315mm)	1	2014	\$865
PMF004	Pressure Main - Augmentation (315mm)	1	2014	\$1,140
PMF005	Pressure Main - Augmentation (315mm)	113	2014	\$108,399
PMF006	Pressure Main - Augmentation (225mm)	60	2014	\$27,286
PMF007	Pressure Main - Augmentation (225mm)	6	2014	\$5,792
PMF008	Pressure Main - Augmentation (225mm)	182	2014	\$82,592
PMF009	Pressure Main - Augmentation (150mm)	2	2014	\$502
PMF010	Pressure Main - Augmentation (150mm)	0	2014	\$47
PMF011	Pressure Main - Augmentation (150mm)	0	2014	\$124
PMF012	Pressure Main - Augmentation (100mm)	5	2015	\$1,388
PMF013	Pressure Main - Augmentation (100mm)	4	2015	\$1,134
PMF014	Pressure Main - Augmentation (100mm)	5	2015	\$1,440

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
PMF015	Pressure Main - Augmentation (250mm)	6	2015	\$7,253
PMF016	Pressure Main - Augmentation (200mm)	14	2014	\$12,926
PMF017	Pressure Main - Augmentation (250mm)	6	2014	\$6,238
PMF018	Pressure Main - Augmentation (315mm)	353	2014	\$337,993
PMF019	Pressure Main - Augmentation (150mm)	4	2014	\$2,585
PMF020	Pressure Main - Augmentation (150mm)	28	2014	\$20,811
PMF021	Pressure Main - Augmentation (150mm)	1	2014	\$402
PMF022	Pressure Main - Augmentation (150mm)	4	2014	\$1,407
PMF023	Pressure Main - Augmentation (150mm)	1	2014	\$410
PMF024	Pressure Main - Augmentation (150mm)	4	2014	\$1,402
PMF025	Pressure Main - Augmentation (150mm)	1	2014	\$311
PMF026	Pressure Main - Augmentation (150mm)	0	2014	\$131
PMF027	Pressure Main - Augmentation (150mm)	2	2014	\$744
PMF028	Pressure Main - Augmentation (150mm)	3	2014	\$1,100
PMF029	Pressure Main - Augmentation (150mm)	0	2014	\$115
PMF030	Pressure Main - Augmentation (150mm)	4	2014	\$1,176
PMF031	Pressure Main - Augmentation (150mm)	0	2014	\$113
PMF032	Pressure Main - Augmentation (150mm)	4	2014	\$1,177

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
PMF033	Pressure Main - Augmentation (150mm)	1	2014	\$500
PMF034	Pressure Main - Augmentation (150mm)	0	2014	\$47
PMF035	Pressure Main - Augmentation (150mm)	0	2014	\$56
PMF036	Pressure Main - Augmentation (150mm)	0	2014	\$60
PMF037	Pressure Main - Augmentation (150mm)	0	2014	\$250
PMF038	Pressure Main - Augmentation (150mm)	3	2014	\$2,503
PMF039	Pressure Main - Augmentation (150mm)	0	2014	\$250
PMF040	Pressure Main - Augmentation (150mm)	3	2014	\$2,502
PMF041	Pressure Main - Augmentation (150mm)	1	2014	\$941
PMF042	Pressure Main - Augmentation (150mm)	0	2014	\$317
PMF043	Pressure Main - Augmentation (150mm)	0	2014	\$288
PMF044	Pressure Main - Augmentation (150mm)	0	2014	\$115
PMF045	Pressure Main - Augmentation (150mm)	3	2014	\$1,152
PMF046	Pressure Main - Augmentation (150mm)	3	2014	\$1,149
PMF047	Pressure Main - Augmentation (150mm)	0	2014	\$117
PMF048	Pressure Main - Augmentation (150mm)	0	2014	\$134
PMF049	Pressure Main - Augmentation (150mm)	0	2014	\$138
PMF050	Pressure Main - Augmentation (150mm)	1	2014	\$475

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
PMF051	Pressure Main - Augmentation (225mm)	131	2014	\$59,507
PMF052	Pressure Main - Augmentation (150mm)	0	2014	\$98
PMF053	Pressure Main - Augmentation (150mm)	2	2014	\$516
PMF054	Pressure Main - Augmentation (150mm)	2	2014	\$502
PMF055	Pressure Main - Augmentation (150mm)	0	2014	\$99
PMF056	Pressure Main - Augmentation (150mm)	2	2014	\$523
PMF057	Pressure Main - Replacement (600mm)	2,202	2019	\$7,789,980
PMF058	Pressure Main - Replacement (500mm)	766	2015	\$1,479,285
PMF059	Pressure Main - Augmentation (500mm)	2,444	2015	\$3,392,306
PMF060	Pressure Main - Augmentation (500mm)	876	2015	\$984,508
PMF061	Pressure Main - Augmentation (250mm)	700	2020	\$452,868
PMF062	Pressure Main - Augmentation (150mm)	219	2020	\$94,959
PMF063	Pressure Main - Augmentation (375mm)	1,971	2020	\$2,243,685
PMF064	Pressure Main - Replacement (450mm)	1,212	2018	\$2,180,363
PMF065	Pressure Main - Augmentation (200mm)	305	2017	Included in asset SPSF013
PMF066	Pressure Main - Augmentation (450mm)	839	2018	\$2,266,634
PMF067	Pressure Main - Augmentation (315mm)	20	2018	\$23,437
PMF068	Pressure Main - Augmentation (660mm)	293	2017	\$10,661,027

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
PMF069	Pressure Main - Augmentation (660mm)	577	2017	Included in budget for PMF068
PMF070	Pressure Main - Replacement (375mm)	38	2017	\$49,658
PMF071	Pressure Main - Augmentation (600mm)	23	2017	Included in budget for PMF068
PMF072	Pressure Main - Augmentation (800mm)	477	2017	Included in budget for PMF068
PMF073	Pressure Main - Augmentation (800mm)	264	2017	Included in budget for PMF068
PMF074	Pressure Main - Augmentation (600mm)	9	2017	Included in budget for PMF068
PMF075	Pressure Main - Augmentation (300mm)	8	2018	Included in budget for SPSF017
PMF076	Pressure Main - Augmentation (1200mm)	53	2017	Included in budget for PMF068
PMF077	Pressure Main - Replacement (600mm)	45	2017	\$97,593
PMF078	Pressure Main - Augmentation (300mm)	316	2031	\$148,045
PMF079	Pressure Main - Replacement (300mm)	1,143	2018	\$606,040
PMF080	Pressure Main - Augmentation (200mm)	766	2026	\$306,119
PMF081	Pressure Main - Augmentation (225mm)	901	2026	\$402,619
PMF082	Pressure Main - Augmentation (375mm)	1,462	2016	\$3,426,079
PMF082	Pressure Main - Augmentation (375mm)	5,253	2026	\$12,957,801
PMF083	Pressure Main - Augmentation (800mm)	477	2016	\$4,222,656
PMF084	Pressure Main - Replacement (375mm)	869	2020	\$988,961
PMF085	Pressure Main - Augmentation (750mm)	1,171	2020	\$3,894,121

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Length (m)	Column 4 Estimated timing	Column 5 Establishment cost ²
PMF086	Pressure Main - Augmentation (750mm)	79	2031	\$263,178
PMF087	Pressure Main - Replacement (150mm)	307	2041	\$133,571
PMF088	Pressure Main - Replacement (250mm)	645	2031	\$417,187
PMF090	Pressure Main - Augmentation (450mm)	131	2015	Included in budget for SPSF005
PMF091	Pressure Main - Augmentation (450mm)	609	2018	Included in budget for GMF039
TOTAL				\$279,363,255

Table SC3.3.3.a - 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	\$405,046
DWF011	Pump Station	2036	\$2,754,573
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 1 of 4	2019	\$3,269,517
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 2 of 4	2020	\$4,609,189
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 3 of 4	2021	\$4,609,189
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 4 of 4	2022	\$4,609,189
BCCU001	Bridge / Culvert / Crossing (2/3000x2100)	2036	\$398,328
BCCU002	Bridge / Culvert / Crossing (4/2100x2100)	2036	\$639,175
BCCU004	Bridge / Culvert / Crossing	2018	\$222,775
BCCU005	Bridge / Culvert / Crossing (2/3600x2400)	2020	\$417,991
BCCU006	Bridge / Culvert / Crossing (2/2700x1200)	2019	\$130,226

Note—13. Table SC3.2.3.a 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
BCCU007	Bridge / Culvert / Crossing (2/2400x1800)	2019	\$153,718
BCCU008	Bridge / Culvert / Crossing (5/3600x3000)	2019	\$36,229
DSIF006	Drainage Study / Investigation	2016	\$2,432,178
DWF010	Drainage Works - Drainage Works	2036	\$123,586
DWF013	Drainage Works - Tide Gates	2017	\$243,365
DWU011	Drainage Works - Channel Works	2017	\$237,349
DWF001	Drainage Works - Levee - Future	2017	\$53,219
DWF004	Drainage Works - Channel Works - Future	2036	\$4,901,595
DWF005	Drainage Works - Channel Works - Future	2036	\$33,794,462
DWF006	Drainage Works - Channel Works	2036	\$18,584,250
DWF007	Drainage Works - Levee	2015	\$482,471
DWF008	Drainage Works - Channel Works	2018	\$783,307
DWF009	Drainage Works - Channel Works	2018	\$474,715
DWU001	Drainage Works - Channel Works - Upgrade	2036	\$6,772,858
DWU002	Drainage Works - Channel Works - Upgrade	2036	\$16,897,232
DWU003	Drainage Works - Channel Works - Upgrade	2036	\$907,703
DWU004	Drainage Works - Channel Works - Upgrade	2036	\$25,834,610
DWU005	Drainage Works - Channel Works - Upgrade	2036	\$4,468,690
DWU006	Drainage Works - Channel Works - Upgrade	2036	\$1,885,229
DWU007	Drainage Works - Channel Works - Upgrade	2036	\$1,508,184
PDF001	Stormwater Reticulation - Future	2016	\$219,997
PDF003	Stormwater Reticulation - Future	2036	\$1,114,379
PDF004	Stormwater Reticulation - Future	2036	\$1,207,943
PDF005	Stormwater Reticulation - Future	2036	\$1,348,256
PDF006	Stormwater Reticulation - Future	2036	\$1,501,201

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Estimated timing	Column 4 Establishment cost ³
PDF007	Stormwater Reticulation - Future	2036	\$2,746,847
PDF008	Stormwater Reticulation - Future	2036	\$714,174
PDF009	Stormwater Reticulation - Future	2027	\$6,286,948
PDF010	Stormwater Reticulation - Future	2036	\$627,704
PDF011	Stormwater Reticulation	2019	\$575,642
PDF012	Stormwater Reticulation	2019	\$748,622
PDU001	Drainage Line - Upgrade	2036	\$888,153
PDU002	Drainage Line - Upgrade	2036	\$53,067
PDU003	Channel Works - Upgrade	2018	\$768,057
PDU004	Drainage Line - Upgrade	2036	\$2,041,633
PDU005	Drainage Line - Upgrade	2036	\$10,710,891
DRBF01	Detention Basin	2015	\$14,541,069
DWF002	Drainage Works - Pump Station and Rising Main - Future	2036	\$405,046
DWF011	Pump Station	2036	\$2,754,573
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 1 of 4	2019	\$3,269,517
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 2 of 4	2020	\$4,609,189
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 3 of 4	2021	\$4,609,189
DWF012	Pump Station - Marlin Pde Pump Station (CBD South Flood Mitigation) - Stage 4 of 4	2022	\$4,609,189
BCCU001	Bridge / Culvert / Crossing (2/3000x2100)	2036	\$398,328
TOTAL		\$188,734,733	

Table SC3.3.4.a - 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
IRF01	Roundabout - 1 Lane Minor (Major Upgrade)	(Project Cost)	2025	\$387,628
IRF02	Roundabout - 2 Lane Major (Future)	(Project Cost)	2015	\$381,928
IRF03	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF04	Roundabout - 2 Lane Major (Future)	(Project Cost)	2025	\$416,649
IRF05	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF06	Roundabout - 2 Lane Major (Future)	(Project Cost)	2035	\$422,994
IRF07	Roundabout - 2 Lane Major (Future)	(Project Cost)	2035	\$422,994
IRF08	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$327,943
IRF09	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF10	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF11	Roundabout - 2 Lane Major (Future)	(Project Cost)	2021	\$285,770
IRF12	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2035	\$499,979
IRF13	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF14	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2022	\$691,378
IRF15	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2035	\$499,979
IRF16	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2015	\$296,105
IRF17	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF18	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2025	\$323,023
IRF19	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF20	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2030	\$323,023
IRF21	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF22	Roundabout - 1 Lane Minor (Major Upgrade)	(Project Cost)	2035	\$387,628
IRF23	Roundabout - 1 Lane Minor (Major Upgrade)	(Project Cost)	2035	\$387,628

Note—14. Table SC3.2.4.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 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
IRF24	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF25	Roundabout - 2 Lane Major (Major Upgrade)	(Project Cost)	2035	\$499,979
IRF26	Roundabout - 1 Lane Minor (Future)	(Project Cost)	2035	\$323,023
IRF27	Roundabout - 2 Lane Major (Future)	(Project Cost)	2035	\$416,649
IRF28	Roundabout - 2 Lane Major (Future)	(Project Cost)	2035	\$416,649
IRF29	Roundabout - 2 Lane Major (Future)	(Project Cost)	2035	\$416,649
IRF30	Roundabout - 2 Lane Major (Future)	(Project Cost)	2018	\$381,928
ISF01	Signalised Intersection (Future)	(Project Cost)	2024	\$470,137
ISF02	Signalised Intersection (Future)	(Project Cost)	2020	\$543,884
ISF03	Signalised Intersection (Major Upgrade)	(Project Cost)	2035	\$826,188
ISF05	Signalised Intersection (Future)	(Project Cost)	2025	\$688,490
ISF06	Signalised Intersection (Future)	(Project Cost)	2018	\$829,654
ISF07	Signalised Intersection (Future)	(Project Cost)	2017	\$424,114
ISF08	Signalised Intersection (Future)	(Project Cost)	2018	\$661,318
ISF09	Signalised Intersection (Major Upgrade)	(Project Cost)	2035	\$826,188
ISF10	Signalised Intersection (Future)	(Project Cost)	2017	\$1,776,403
ISF11	Signalised Intersection (Future)	(Project Cost)	2035	\$688,490
ISF12	Signalised Intersection (Future)	(Project Cost)	2020	\$691,378
ISF13	Signalised Intersection (Future)	(Project Cost)	2021	\$691,378
ISF14	Signalised Intersection (Future)	(Project Cost)	2035	\$688,490
ISF15	Signalised Intersection (Future)	(Project Cost)	2016	\$96,028
ISF15	Signalised Intersection (Future)	(Project Cost)	2022	\$4,517,005
ISF16	Signalised Intersection (Future)	(Project Cost)	2016	\$631,116
ISF17	Signalised Intersection (Major Upgrade)	(Project Cost)	2020	\$481,188

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
ISF18	Signalised Intersection (Major Upgrade)	(Project Cost)	2025	\$826,188
ISF19	Signalised Intersection (Major Upgrade)	(Project Cost)	2025	\$826,188
ISF20	Signalised Intersection (Future)	(Project Cost)	2025	\$688,490
ISF21	Signalised Intersection (Future)	(Project Cost)	2025	\$688,490
ISF22	Signalised Intersection (Future)	(Project Cost)	2030	\$688,490
ISF23	Signalised Intersection (Future)	(Project Cost)	2035	\$688,490
ISF24	Signalised Intersection (Future)	(Project Cost)	2035	\$688,490
ISF25	Signalised Intersection (Major Upgrade)	(Project Cost)	2041	\$1,779,175
SBF01	Bridge - Barron Annabranche Bridge (Future)	(Project Cost)	2020	\$2,931,444
SBF02	Bridge - Blackfellows Ck Crossing (Future)	360m ²	2035	\$3,075,862
SBF03	Bridge - Blackfellows Creek Bridge (Future)	250m ²	2025	\$2,136,015
SBF04	Bridge - Bokissa Rd : Alexandra St Connection Bridge (Future)	60m ²	2035	\$512,644
SBF05	Bridge - Hargreaves Rd : Progress Rd Bridge (Future)	240m ²	2020	\$0
SBF06	Bridge - Jungara Rd : Michaelangelo Dr Interconnector Bridge (Future)	100m ²	2025	\$854,406
SBF07	Bridge - Linden St Bridge (Upgrade)	200m ²	2025	\$2,050,575
SBF08	Bridge - Mckinnons Ck Rd & Rail Crossing (Future)	360m ²	2025	\$3,075,862
SBF09	Bridge - Moore Rd : Panguna St Connector Bridge (Future)	200m ²	2035	\$1,708,812
SBF10	Bridge - O'donnell La : Ramsay Dr Bridge (Future)	100m ²	2035	\$854,406
SBF11	Bridge - Petricola St : Paradise Palms Dr Bridge (Future)	200m ²	2035	\$1,708,812
SBF12	Bridge - Rices Gully Bridge - Stage 1 (Upgrade)	(Project Cost)	2024	\$626,850
SBF12	Bridge - Rices Gully Bridge - Stage 2	(Project Cost)	2025	\$4,609,189

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	(Upgrade)			
SBF13	Bridge - Sommers Creek Bridge (Future)	(Project Cost)	2017	\$1,041,415
SBF14	Bridge - Southern End Panguna St Bridge (Future)	260m ²	2025	\$2,221,456
SBF15	Bridge - Timberlea Drive Bridge (Future)	(Project Cost)	2017	\$925,702
SBF16	Bridge - Trinity Beach Road (Upgrade)	440m ²	2035	\$4,511,264
SBF17	Bridge - Greenslopes St Bridge (Upgrade)	366m ²	2035	\$3,752,552
SBF18	Bridge - Michelia Street, Palm Cove (West of Highway) (Future)	100m ²	2035	\$854,406
SBF19	Bridge - Stoney Creek Crossing (Upgrade)	252m ²	2025	\$2,583,724
SBF20	Bridge - Sandy Creek Bridge (Upgrade)	342m ²	2030	\$3,506,483
SBF21	Bridge - Unnamed Bridge (Future)	240m ²	2025	\$2,050,575
SBF22	Bridge - Unnamed Bridge (Future)	240m ²	2030	\$2,050,575
SBF23	Bridge - Grays Creek Bridge (Upgrade)	324m ²	2035	\$3,321,931
SBF24	Bridge - Alternative Haul Rd Bridge (Future)	120m ²	2035	\$1,025,287
SBF25	Bridge - Unnamed Bridge (Future)	240m ²	2035	\$2,050,575
SBF26	Bridge - Wrights Creek Bridge (Future)	300m ²	2025	\$2,563,218
SBF27	Bridge - Mackey Creek Bridge (Future)	360m ²	2035	\$3,075,862
SBF28	Bridge - Maitland Road Bridge (Major) (Future)	660m ²	2035	\$5,639,081
SBF29	Bridge - Maitland Road Bridge (Future)	312m ²	2035	\$2,665,747
SBF30	Bridge - Collins Avenue (Upgrade)	(Project Cost)	2016	\$0
SBF31	Bridge - Weinert Bridge (Upgrade)	(Project Cost)	2022	\$645,286
SBF32	Bridge - Cook Street Bridge - Stage 1 (Upgrade)	(Project Cost)	2022	\$92,184
SBF32	Bridge - Cook Street Bridge - Stage 2 (Upgrade)	(Project Cost)	2023	\$1,382,757
SBF33	Bridge - Blackfellows	1,736m ²	2025	\$14,832,491

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Creek Bridge - Stage 1			
SBF33	Bridge - Blackfellows Creek Bridge - Stage 2	1,624m ²	2035	\$13,875,556
SCF01	Culvert - Avondale Creek Crossing (Future)	30m ²	2035	\$305,755
SCF02	Culvert - Cayley St Drain Culvert (Upgrade)	30m ²	2035	\$366,907
SCF03	Culvert - Dunne #1 (Upgrade)	(Project Cost)	2035	\$3,979,728
SCF04	Culvert - Dunne #2 (Upgrade)	(Project Cost)	2035	\$13,593
SCF05	Culvert - Holloway Beach #1 - Stage 1 (Upgrade)	(Project Cost)	2019	\$1,843,676
SCF05	Culvert - Holloway Beach #1 - Stage 2 (Upgrade)	(Project Cost)	2020	\$1,843,676
SCF06	Culvert - Larsen Rd Culvert (Upgrade)	35m ²	2015	\$269,260
SCF07	Culvert - Machans Beach #1 (Upgrade)	(Project Cost)	2020	\$1,843,676
SCF08	Culvert - Spence St : Fearnley St Culvert (Upgrade)	60m ²	2025	\$468,411
SCF09	Culvert - Trinity Beach Rd : Reed Rd Interconnector Bridge (Future)	225m ²	2035	\$977,856
SCF10	Culvert - Trinity Beach Rd : Reed Rd Interconnector culvert (Future)	225m ²	2025	\$895,461
SCF11	Culvert - Trinity Beach Rd : Reed Rd Interconnector culvert (Future)	(Project Cost)	2020	\$75,140
SCF12	Culvert - Trinity Beach Rd : Reed Rd Interconnector culvert (Future)	135m ²	2035	\$434,121
SCF13	Culvert - Trinity Beach Rd : Reed Rd Interconnector culvert (Future)	(Project Cost)	2020	\$4,567,036
SCF14	Culvert - Yorkeys Knob #2 (Upgrade)	(Project Cost)	2019	\$1,253,699
SCF15	Culvert - Yorkeys Knob #3 (Upgrade)	(Project Cost)	2020	\$1,474,940
SCF16	Culvert - Yorkeys Knob #4 (Upgrade)	(Project Cost)	2021	\$1,521,032
SCF17	Culvert - Yorkeys Knob	(Project Cost)	2025	\$3,201,271

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	#5 (Upgrade)			
SCF18	Culvert - Moody Creek : Moody Street (Future)	(Project Cost)	2035	\$1,297,484
SCF19	Culvert - Future Culvert #01 (Future)	(Project Cost)	2035	\$912,931
SCF20	Culvert - Dunne #3 (Upgrade)	(Project Cost)	2035	\$978,267
SCF21	Culvert - Pease Street - Jaye Street Drain (Upgrade)	(Project Cost)	2025	\$1,064,962
SCF22	Culvert - Jenson Street - Saltwater Creek (Upgrade)	(Project Cost)	2025	\$412,538
SCF23	Culvert - Upward Street (Upgrade)	(Project Cost)	2035	\$307,956
SCF26	Culvert - Spence St : Fearnley St Culvert #2 (Upgrade)	(Project Cost)	2025	\$1,141,989
SCF27	Culvert - Grove Street - Fearnley Street Drain (Upgrade)	(Project Cost)	2035	\$313,425
SCF28	Culvert - Irene Street - Chinaman Creek (Upgrade)	(Project Cost)	2035	\$246,141
SCF30	Culvert - Scott Street - Boland Street Drain - Stage 1 (Upgrade)	(Project Cost)	2022	\$92,184
SCF30	Culvert - Scott Street - Boland Street Drain - Stage 2 (Upgrade)	(Project Cost)	2023	\$1,382,757
SCF31	Culvert - Future Culvert #16 - Swallow Street (Upgrade)	(Project Cost)	2035	\$1,053,526
SCF33	Culvert - Future Culvert #19 (Upgrade)	(Project Cost)	2035	\$4,442,464
SCF34	Culvert - Greenslopes Street (Upgrade)	14m ²	2025	\$251,094
SCF35	Culvert - Deppeler Road Crossing (Future)	(Project Cost)	2025	\$1,121,446
SCF36	Culvert - Unnamed Culvert (Upgrade)	(Project Cost)	2035	\$244,673
SCF37	Culvert - Unnamed Culvert (Future)	(Project Cost)	2035	\$288,129
SCF38	Culvert - Unnamed Bridge (Future)	(Project Cost)	2035	\$1,023,346
SCF39	Culvert - Unnamed Culvert (Future)	(Project Cost)	2035	\$494,967
SCF40	Culvert - Unnamed Culvert (Future)	(Project Cost)	2035	\$1,491,905
SCF41	Culvert - Main	(Project Cost)	2018	\$437,498

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Boulevard Culvert #1 - Swallow Road			
SCF42	Culvert - Main Boulevard Culvert #2 - Mid-point Blackfellows Crk : Swallow Road : Part 1 - RCP's	(Project Cost)	2018	\$41,864
SCF43	Culvert - Main Boulevard Culvert #2 - Mid-point Blackfellows Crk : Swallow Road : Part 2 - RCBC's	(Project Cost)	2018	\$107,931
SCF44	Culvert - Main Boulevard Culvert #3 - Thomson Road	(Project Cost)	2035	\$159,090
TRF001	Minor Collector Road - Moore Road : Panguna Street (Future)	94m	2035	\$304,775
TRF002	Major Collector Road - Whereat Road : Adelong Street (Future)	(Project Cost)	2024	\$387,259
TRF003	Major Collector Road - Fig Tree Drive : Kamerunga Road (Future)	566m	2035	\$1,944,237
TRF004	Sub-Arterial Road - 4 Lane Median Divided - Trinity Beach Road : Reed Road (Staged)	448m	2035	\$1,519,387
TRF005	Major Collector Road - Mcgregor Road : Mt Milman Drive (Future)	(Project Cost)	2021	\$204,051
TRF006	Sub-Arterial Road - 2 Lane Undivided - Miami Road : Trinity Beach Road (Future)	237m	2025	\$2,078,251
TRF007	Major Collector Road - Seclusion Drive : Captain Cook Highway (Future)	127m	2035	\$437,402
TRF008	Major Collector Road - Wiseman Road West : Isabella Road (Future)	116m	2025	\$397,192
TRF009	Major Collector Road - Redlynch Intake Road : Shaws Road Connection (Future)	134m	2015	\$910,838
TRF010	Sub-Arterial Road - 2 Lane Median Divided - Cattana Road (Future)	(Project Cost)	2023	\$2,076,485
TRF011	Major Collector Road - McGregor Road : Panguna Street (Future)	537m	2025	\$3,793,868
TRF012	Major Collector Road - Panguna Street : Captain Cook Highway	137m	2025	\$970,359

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	(Future)			
TRF013	Major Collector Road - Cottesloe Drive : Captain Cook Highway (Future)	(Project Cost)	2021	\$1,969,760
TRF014	Major Collector Road - Roberts Drive : Trinity Beach Road : Reed Road (Future)	(Project Cost)	2020	\$151,381
TRF015	Minor Collector Road - Alexandra Street : Bokissa Road (Future)	271m	2035	\$1,687,029
TRF016	Major Collector Road - Dunne Road (Future)	265m	2035	\$1,874,216
TRF017	Major Collector Road - Ramsey Drive : Murray Street (Future)	23m	2025	\$79,021
TRF019	Sub-Arterial Road - 2 Lane Undivided - Logomeir Road : Robert Road (Future)	302m	2035	\$1,274,156
TRF020	Sub-Arterial Road - 4 Lane Median Divided - Logomeir Road - Stage 1 (Staged)	(Project Cost)	2016	\$1,200,617
TRF020	Sub-Arterial Road - 4 Lane Median Divided - Logomeir Road - Stage 2 (Staged)	(Project Cost)	2017	\$0
TRF021	Sub-Arterial Road - 2 Lane Median divided - Mill Road : Logomeir Road (Future)	728m	2025	\$7,410,103
TRF022	Sub-Arterial Road - 2 Lane Undivided - Walker Road : Chay Road - Stage 1 (Future)	(Project Cost)	2016	\$198,960
TRF022	Sub-Arterial Road - 2 Lane Undivided - Walker Road : Chay Road - Stage 2 (Future)	(Project Cost)	2023	\$4,517,005
TRF023	Sub-Arterial Road - 2 Lane Undivided - Chay Road : Mount Peter Road (Future)	352m	2025	\$1,484,217
TRF024	Major Collector Road - Paradise Palms Drive : Moore Road (Future)	(Project Cost)	2016	\$1,103,931
TRF025	Major Collector Road - McGregor Road : Panguna Street (Future)	438m	2035	\$1,504,679
TRF026	Major Collector Road - Timberlea Drive : Walker Road (Future)	(Project Cost)	2017	\$798,396

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF027	Minor Collector Road - Petricola Street : Paradise Palms Drive (Future)	69m	2035	\$224,058
TRF028	Major Collector Road - Fisher Road : Draper Road (Future)	(Project Cost)	2019	\$3,739,650
TRF029	Sub-Arterial Road - 4 Lane Median Divided - O'Brien Road : Mcgreggor Road (Future)	926m	2015	\$4,796,257
TRF031	Minor Collector Road - Linden Street (Future)	209m	2025	\$675,708
TRF032	Minor Collector Road - Jungara Road (Future)	206m	2025	\$666,290
TRF033	Major Collector Road - Hargreaves Street : Progress Road (Future)	48m	2025	\$336,824
TRF034	Major Collector Road - Hargreaves Street : Progress Road (Future)	93m	2025	\$320,796
TRF035	Sub-Arterial Road - 2 Lane Median divided - Lily Street (Major Upgrade)	205m	2035	\$1,255,003
TRF036	Sub-Arterial Road - 2 Lane Undivided - Triton Street (Minor Upgrade)	75m	2035	\$188,616
TRF037	Sub-Arterial Road - 2 Lane Undivided - Triton Street (Minor Upgrade)	97m	2035	\$244,429
TRF038	Rural Major Road - Machans Beach Access Road (Major Upgrade)	674m	2035	\$970,066
TRF039	Major Collector Road - Poolwood Road (Minor Upgrade)	179m	2035	\$368,787
TRF040	Major Collector Road - Poolwood Road (Minor Upgrade)	25m	2035	\$52,496
TRF041	Minor Collector Road - Upolu Esplanade (Major Upgrade)	111m	2035	\$430,891
TRF042	Major Collector Road - Cedar Road (Major Upgrade)	400m	2035	\$1,647,694
TRF043	Major Collector Road - Cedar Road (Major Upgrade)	38m	2035	\$156,043
TRF044	Major Collector Road - Cedar Road (Minor Upgrade)	76m	2035	\$155,701

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF045	Major Collector Road - Cedar Road (Minor Upgrade)	92m	2035	\$190,105
TRF046	Major Collector Road - Cedar Road (Minor Upgrade)	270m	2035	\$555,912
TRF047	Sub-Arterial Road - 2 Lane Undivided - Bicentennial Road (Major Upgrade)	268m	2035	\$1,601,757
TRF048	Sub-Arterial Road - 4 Lane Median divided with parking - Lyons Street (Major Upgrade)	86m	2035	\$627,705
TRF049	Sub-Arterial Road - 4 Lane Median divided with parking - Lyons Street (Major Upgrade)	296m	2035	\$2,165,437
TRF050	Sub-Arterial Road - CBD - Sheridan Street (Minor Upgrade)	181m	2035	\$585,723
TRF051	Sub-Arterial Road - CBD - Sheridan Street (Minor Upgrade)	244m	2035	\$787,362
TRF052	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	221m	2035	\$429,096
TRF053	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	205m	2035	\$1,500,064
TRF054	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	301m	2035	\$1,846,063
TRF055	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	251m	2035	\$1,535,249
TRF056	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	360m	2025	\$2,203,418
TRF057	Sub-Arterial Road - 2 Lane Undivided - Kingsford Street (Minor Upgrade)	425m	2025	\$1,075,254
TRF058	Sub-Arterial Road - 2 Lane Median Divided - Kingsford Street (Major Upgrade)	217m	2025	\$1,327,656
TRF059	Sub-Arterial Road - 2 Lane Undivided - Kingsford Street (Minor Upgrade)	205m	2025	\$518,077
TRF060	Sub-Arterial Road - 4 Lane Median Divided -	294m	2035	\$1,992,402

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Moody Street (Major Upgrade)			
TRF061	Major Collector Road - Cedar Road (Minor Upgrade)	155m	2035	\$318,370
TRF062	Sub-Arterial Road - 4 Lane Median divided - Mcgregor Road (Future)	(Project Cost)	2017	\$3,907,866
TRF063	Rural Major Road - Goldsborough Road (Major Upgrade)	552m	2035	\$806,343
TRF064	Rural Major Road - Goldsborough Road (Major Upgrade)	629m	2025	\$918,687
TRF065	Rural Major Road - Goldsborough Road (Major Upgrade)	441m	2025	\$644,819
TRF066	Rural Major Road - Goldsborough Road (Major Upgrade)	447m	2025	\$653,602
TRF067	Major Collector Road - Trinity Beach Road (Minor Upgrade)	95m	2025	\$194,989
TRF068	Sub-Arterial Road - 2 Lane Undivided - Cattana Road (Major Upgrade)	(Project Cost)	2016	\$165,931
TRF069	Sub-Arterial Road - 2 Lane Undivided - Poolwood Road (Minor Upgrade)	269m	2035	\$681,621
TRF070	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Connector Road (Staged)	238m	2015	\$738,649
TRF071	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Connector Road (Staged)	144m	2015	\$447,120
TRF072	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	306m	2035	\$2,073,590
TRF073	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	299m	2035	\$2,029,922
TRF074	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	171m	2035	\$1,157,138
TRF075	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	411m	2035	\$3,012,209

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF076	Sub-Arterial Road - 4 Lane Median divided - Petersen Road (Major Upgrade)	322m	2035	\$2,182,096
TRF077	Major Collector Road - Mclaughlin Road (Minor Upgrade)	411m	2035	\$847,659
TRF078	Major Collector Road - Mclaughlin Road (Minor Upgrade)	149m	2035	\$307,204
TRF079	Major Collector Road - Mclaughlin Road (Minor Upgrade)	378m	2035	\$778,126
TRF080	Major Collector Road - Mclaughlin Road (Minor Upgrade)	277m	2035	\$570,500
TRF081	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Major Upgrade)	(Project Cost)	2022	\$675,677
TRF082	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Minor Upgrade)	379m	2035	\$958,790
TRF083	Sub-Arterial Road - 4 Lane Median divided with parking - Lyons Street (Major Upgrade)	223m	2035	\$1,628,419
TRF084	Sub-Arterial Road - 4 Lane Median divided with parking - Lyons Street (Major Upgrade)	224m	2025	\$1,637,678
TRF086	Collector Road - CBD - Lake Street (Minor Upgrade)	202m	2025	\$445,624
TRF087	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	203m	2035	\$393,232
TRF088	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	79m	2025	\$484,965
TRF089	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	201m	2025	\$1,232,103
TRF090	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	201m	2035	\$1,472,013
TRF091	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	182m	2025	\$1,112,192
TRF092	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	40m	2025	\$246,855

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Upgrade)			
TRF093	Non Standard Cross Section Road - Lake Street (Major Upgrade)	178m	2025	\$691,557
TRF094	Sub-Arterial Road - 4 Lane Median divided with parking - Grove Street (Minor Upgrade)	99m	2025	\$362,043
TRF095	Sub-Arterial Road - 4 Lane Median divided with parking - Grove Street (Major Upgrade)	96m	2025	\$700,877
TRF096	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	279m	2035	\$2,042,718
TRF097	Sub-Arterial Road - 4 Lane Median divided with parking - Grove Street (Major Upgrade)	330m	2025	\$2,410,679
TRF098	Non Standard Cross Section Road - Lake Street (Major Upgrade)	366m	2025	\$1,419,849
TRF099	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	181m	2035	\$1,320,281
TRF100	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	288m	2035	\$2,107,319
TRF101	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	352m	2035	\$2,450,346
TRF102	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	205m	2035	\$1,430,642
TRF103	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	206m	2035	\$1,506,272
TRF104	Sub-Arterial Road - 4 Lane Median Divided - Arthur Street (Major Upgrade)	(Project Cost)	2021	\$1,189,171
TRF105	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	222m	2035	\$1,503,270
TRF106	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street (Major Upgrade)	182m	2035	\$1,270,363
TRF107	Sub-Arterial Road - 4 Lane Median Divided -	448m	2035	\$3,036,423

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Moody Street (Major Upgrade)			
TRF108	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Street (Major Upgrade)	311m	2025	\$2,109,811
TRF109	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Street (Major Upgrade)	135m	2035	\$915,959
TRF110	Major Collector Road - Cheviot Street (Major Upgrade)	235m	2035	\$970,219
TRF111	Major Collector Road - Cheviot Street (Major Upgrade)	295m	2025	\$1,217,441
TRF112	Major Collector Road - Cheviot Street (Major Upgrade)	95m	2025	\$389,445
TRF113	Sub-Arterial Road - 2 Lane Undivided - Poolwood Road (Minor Upgrade)	368m	2035	\$929,736
TRF114	Sub-Arterial Road - 4 Lane Median Divided - Draper Road West (Major Upgrade)	507m	2035	\$3,886,592
TRF115	Sub-Arterial Road - 4 Lane Median Divided - Draper Road (Major Upgrade)	360m	2035	\$2,757,178
TRF116	Sub-Arterial Road - 2 Lane Median Divided - Walker Road (Minor Upgrade)	161m	2035	\$492,850
TRF117	Sub-Arterial Road - 2 Lane Median Divided - Walker Road (Minor Upgrade)	336m	2035	\$1,030,398
TRF118	Sub-Arterial Road - 2 Lane Undivided - Yara Street (Minor Upgrade)	224m	2035	\$566,778
TRF119	Sub-Arterial Road - 2 Lane Median divided - Irene Street (Major Upgrade)	446m	2025	\$2,731,427
TRF120	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	112m	2035	\$217,710
TRF121	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	28m	2035	\$54,248
TRF122	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	202m	2035	\$392,083

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF123	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	61m	2035	\$118,320
TRF124	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	101m	2035	\$735,330
TRF125	Sub-Arterial Road - 4 Lane Median divided with parking - Abbott Street (Major Upgrade)	201m	2035	\$1,470,433
TRF126	Sub-Arterial Road - 4 Lane Median divided with parking - Abbott Street (Major Upgrade)	201m	2035	\$1,470,510
TRF127	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	205m	2025	\$1,495,589
TRF128	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	203m	2035	\$1,483,403
TRF129	Minor Collector Road - Upolu Esplanade (Major Upgrade)	451m	2035	\$1,745,803
TRF130	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	237m	2035	\$1,219,682
TRF131	Sub-Arterial Road - 2 Lane Undivided - Riverstone Road (Major Upgrade)	370m	2035	\$1,900,306
TRF132	Sub-Arterial Road - 2 Lane Undivided - Riverstone Road (Major Upgrade)	183m	2035	\$941,998
TRF133	Sub-Arterial Road - 2 Lane Undivided - Riverstone Road (Major Upgrade)	108m	2035	\$552,961
TRF134	Sub-Arterial Road - CBD - Abbott Street (Minor Upgrade)	203m	2035	\$657,153
TRF135	Sub-Arterial Road - CBD - Florence Street (Major Upgrade)	100m	2035	\$648,254
TRF136	Sub-Arterial Road - CBD - Abbott Street (Minor Upgrade)	202m	2035	\$653,056
TRF137	Sub-Arterial Road - CBD - Abbott Street (Minor Upgrade)	213m	2035	\$688,500
TRF138	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major	301m	2025	\$1,843,171

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Upgrade)			
TRF139	Sub-Arterial Road - 4 Lane Median divided with parking - Aumuller Street (Minor Upgrade)	116m	2015	\$387,166
TRF140	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	261m	2035	\$1,595,914
TRF141	Sub-Arterial Road - 2 Lane Undivided - De Jarlais Street (Minor Upgrade)	330m	2035	\$834,829
TRF142	Sub-Arterial Road - 2 Lane Undivided - De Jarlais Street (Minor Upgrade)	253m	2035	\$871,160
TRF143	Sub-Arterial Road - 2 Lane Median Divided - Anderson Road (Major Upgrade)	355m	2025	\$2,175,780
TRF144	Sub-Arterial Road - 2 Lane Median Divided - Anderson Road (Major Upgrade)	31m	2035	\$189,577
TRF145	Sub-Arterial Road - 2 Lane Median Divided - Anderson Road (Major Upgrade)	119m	2035	\$726,209
TRF146	Sub-Arterial Road - 2 Lane Median Divided - Anderson Road (Major Upgrade)	118m	2025	\$721,716
TRF147	Sub-Arterial Road - 2 Lane Undivided - Bicentennial Road (Major Upgrade)	172m	2025	\$868,365
TRF148	Sub-Arterial Road - 2 Lane Undivided - Bi-centennial Road (Major Upgrade)	110m	2025	\$636,543
TRF149	Sub-Arterial Road - 2 Lane Undivided - Bicentennial Road (Major Upgrade)	298m	2025	\$1,509,069
TRF150	Sub-Arterial Road - 2 Lane Undivided - Bicentennial Road (Major Upgrade)	245m	2025	\$1,239,945
TRF151	Sub-Arterial Road - 2 Lane Median divided - Trinity Beach Road (Minor Upgrade)	364m	2025	\$1,116,179
TRF152	Major Collector Road - Trinity Beach Road (Minor Upgrade)	101m	2025	\$207,264
TRF153	Major Collector Road -	131m	2025	\$270,383

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Trinity Beach Road (Minor Upgrade)			
TRF154	Major Collector Road - Trinity Beach Road (Minor Upgrade)	118m	2025	\$242,172
TRF155	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Road (Minor Upgrade)	(Project Cost)	2022	\$1,815,787
TRF156	Sub-Arterial Road - 2 Lane Undivided - Varley Street (Major Upgrade)	163m	2025	\$824,452
TRF157	Sub-Arterial Road - 2 Lane Undivided - Varley Street (Major Upgrade)	368m	2025	\$1,860,777
TRF158	Sub-Arterial Road - 2 Lane Undivided - Varley Street (Major Upgrade)	637m	2025	\$3,225,307
TRF159	Major Collector Road - Varley Street (Major Upgrade)	240m	2025	\$988,950
TRF160	Major Collector Road - Varley Street (Major Upgrade)	440m	2025	\$1,812,639
TRF161	Sub-Arterial Road - 2 Lane Undivided - Varley Street (Major Upgrade)	233m	2025	\$1,179,950
TRF162	Sub-Arterial Road - 2 Lane Undivided - Varley Street (Major Upgrade)	392m	2025	\$1,983,353
TRF163	Rural Major Road - Machans Beach Access Road (Major Upgrade)	(Project Cost)	2021	\$1,843,676
TRF164	Sub-Arterial Road - 4 Lane Median divided - Mcgregor Road (Future)	89m	2025	\$1,003,980
TRF165	Minor Collector Road - Evans Street (Major Upgrade)	51m	2025	\$198,360
TRF166	Major Collector Road - Endeavour Road (Minor Upgrade)	221m	2035	\$455,572
TRF167	Major Collector Road - Endeavour Road (Minor Upgrade)	184m	2035	\$379,174
TRF168	Major Collector Road - Robert Road (Minor Upgrade)	271m	2035	\$557,576
TRF169	Major Collector Road - Robert Road (Minor	148m	2035	\$304,973

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Upgrade)			
TRF170	Major Collector Road - Robert Road (Minor Upgrade)	499m	2035	\$1,028,008
TRF171	Major Collector Road - Robert Road (Minor Upgrade)	163m	2035	\$336,269
TRF172	Major Collector Road - Robert Road (Minor Upgrade)	238m	2035	\$491,291
TRF173	Sub-Arterial Road - 2 Lane Median divided - Cairns Road (Major Upgrade)	269m	2035	\$1,673,511
TRF174	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	84m	2035	\$430,783
TRF175	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	221m	2035	\$1,133,963
TRF176	Sub-Arterial Road - 2 Lane Undivided - George Street (Major Upgrade)	178m	2035	\$915,041
TRF177	Sub-Arterial Road - 2 Lane Median divided - Cairns Road (Major Upgrade)	446m	2035	\$2,773,111
TRF178	Sub-Arterial Road - 2 Lane Median divided - Cairns Road (Major Upgrade)	228m	2035	\$1,419,740
TRF179	Sub-Arterial Road - 4 Lane Median Divided - Pease Street (Major Upgrade)	(Project Cost)	2020	\$403,043
TRF180	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	398m	2035	\$1,005,811
TRF181	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	117m	2035	\$296,969
TRF182	Sub-Arterial Road - 4 Lane Median Divided - Pease Street (Major Upgrade)	(Project Cost)	2020	\$950,226
TRF183	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	85m	2025	\$214,535
TRF184	Sub-Arterial Road - 4 Lane Median Divided - Greenslopes Street	207m	2035	\$1,403,595

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	(Major Upgrade)			
TRF185	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	209m	2025	\$527,746
TRF186	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	140m	2025	\$355,057
TRF187	Sub-Arterial Road - 2 Lane Undivided - Pease Street (Minor Upgrade)	188m	2035	\$475,388
TRF188	Non Standard Cross Section Road - Lake Street (Major Upgrade)	257m	2025	\$998,918
TRF189	Non Standard Cross Section Road - Lake Street (Major Upgrade)	379m	2025	\$1,472,239
TRF190	Non Standard Cross Section Road - Lake Street (Major Upgrade)	385m	2025	\$1,492,589
TRF191	Non Standard Cross Section Road - Lake Street (Major Upgrade)	337m	2025	\$1,305,971
TRF192	Sub-Arterial Road - CBD - Sheridan Street (Minor Upgrade)	201m	2025	\$648,355
TRF193	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	284m	2035	\$2,072,671
TRF194	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	201m	2025	\$1,470,460
TRF195	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	101m	2035	\$735,285
TRF196	Sub-Arterial Road - CBD - Florence Street (Major Upgrade)	101m	2035	\$650,761
TRF197	Sub-Arterial Road - 4 Lane Median divided with parking - Lake Street (Major Upgrade)	201m	2025	\$1,470,557
TRF198	Sub-Arterial Road - CBD - Florence Street (Major Upgrade)	101m	2016	\$549,014
TRF199	Sub-Arterial Road - CBD - Sheridan Street (Minor Upgrade)	200m	2025	\$647,788
TRF200	Sub-Arterial Road - CBD - Sheridan Street (Minor Upgrade)	200m	2025	\$647,308

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF201	Sub-Arterial Road - 2 Lane Undivided - Windarra Street (Minor Upgrade)	431m	2025	\$1,089,967
TRF202	Sub-Arterial Road - 2 Lane Undivided - Windarra Street (Minor Upgrade)	160m	2025	\$403,815
TRF203	Sub-Arterial Road - 4 Lane Median Divided - Anderson Road (Minor Upgrade)	46m	2025	\$157,658
TRF204	Sub-Arterial Road - 2 Lane Undivided - Windarra Street (Minor Upgrade)	332m	2025	\$839,187
TRF205	Sub-Arterial Road - 4 Lane Median Divided - Anderson Road (Minor Upgrade)	430m	2025	\$1,457,403
TRF206	Sub-Arterial Road - 4 Lane Median Divided - Mill Road (Major Upgrade)	320m	2025	\$2,171,800
TRF207	Sub-Arterial Road - 2 Lane Undivided - Mount Peter Road (Minor Upgrade)	78m	2025	\$198,288
TRF208	Sub-Arterial Road - 4 Lane Median Divided - Mill Road (Major Upgrade)	216m	2025	\$1,464,820
TRF209	Sub-Arterial Road - 4 Lane Median Divided - Mill Road (Major Upgrade)	158m	2025	\$1,070,896
TRF210	Sub-Arterial Road - 2 Lane Undivided - Mount Peter Road (Minor Upgrade)	398m	2025	\$1,366,191
TRF212	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2024	\$952,530
TRF213	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2024	\$646,157
TRF215	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2024	\$980,319
TRF216	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2024	\$647,427
TRF217	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road	(Project Cost)	2025	\$1,492,757

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	(Minor Upgrade)			
TRF219	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2017	\$323,921
TRF220	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Intake Road (Staged)	131m	2025	\$443,663
TRF221	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Intake Road (Staged)	85m	2025	\$289,498
TRF222	Sub-Arterial Road - 2 Lane Undivided - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2025	\$1,669,468
TRF223	Major Collector Road - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2025	\$515,472
TRF224	Major Collector Road - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2025	\$766,787
TRF226	Major Collector Road - Redlynch Intake Road (Minor Upgrade)	(Project Cost)	2025	\$521,415
TRF227	Major Collector Road - Wistaria Street (Minor Upgrade)	53m	2035	\$109,174
TRF228	Major Collector Road - Wistaria Street (Minor Upgrade)	585m	2035	\$1,205,482
TRF229	Major Collector Road - Wistaria Street (Minor Upgrade)	313m	2035	\$645,308
TRF230	Major Collector Road - Wistaria Street (Minor Upgrade)	76m	2035	\$156,485
TRF231	Major Collector Road - Robert Road (Minor Upgrade)	155m	2035	\$318,318
TRF232	Major Collector Road - Robert Road (Minor Upgrade)	122m	2035	\$251,200
TRF233	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	165m	2035	\$1,119,873
TRF234	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	31m	2035	\$276,320
TRF235	Sub-Arterial Road - 4 Lane Median Divided - Hardy Road (Major Upgrade)	104m	2035	\$708,338

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF236	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	417m	2035	\$2,829,203
TRF237	Sub-Arterial Road - 4 Lane Median Divided - Hardy Road (Major Upgrade)	205m	2035	\$1,391,942
TRF238	Sub-Arterial Road - 4 Lane Median Divided - Hardy Road (Major Upgrade)	310m	2035	\$2,103,077
TRF239	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	154m	2035	\$1,072,208
TRF240	Sub-Arterial Road - 2 Lane Undivided - Irene Street (Minor Upgrade)	245m	2035	\$619,894
TRF241	Sub-Arterial Road - 2 Lane Undivided - Irene Street (Minor Upgrade)	96m	2035	\$329,876
TRF242	Sub-Arterial Road - 2 Lane Undivided - Irene Street (Minor Upgrade)	372m	2035	\$940,192
TRF243	Sub-Arterial Road - 2 Lane Undivided - Irene Street (Minor Upgrade)	316m	2035	\$799,165
TRF244	Sub-Arterial Road - 2 Lane Median divided - Tills Street (Major Upgrade)	107m	2035	\$652,903
TRF245	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	235m	2035	\$1,436,668
TRF246	Sub-Arterial Road - 2 Lane Median divided - Tills Street (Major Upgrade)	262m	2035	\$1,602,543
TRF247	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	428m	2035	\$2,621,619
TRF248	Sub-Arterial Road - 4 Lane Median divided with parking - Aumuller Street (Minor Upgrade)	181m	2035	\$662,370
TRF249	Sub-Arterial Road - 2 Lane Median divided - Tills Street (Major Upgrade)	247m	2025	\$1,512,659
TRF250	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	233m	2025	\$1,428,838
TRF251	Major Collector Road - Esplanade (Minor	181m	2025	\$373,694

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Upgrade)			
TRF252	Major Collector Road - Esplanade (Minor Upgrade)	149m	2025	\$306,725
TRF253	Major Collector Road - Esplanade (Minor Upgrade)	83m	2025	\$171,355
TRF254	Major Collector Road - Esplanade (Minor Upgrade)	171m	2025	\$353,060
TRF255	Major Collector Road - Esplanade (Minor Upgrade)	173m	2025	\$356,464
TRF256	Major Collector Road - Esplanade (Minor Upgrade)	353m	2025	\$726,357
TRF257	Major Collector Road - Esplanade (Minor Upgrade)	362m	2025	\$745,560
TRF258	Collector Road - CBD - Grafton Street (Minor Upgrade)	200m	2025	\$442,358
TRF259	Collector Road - CBD - Grafton Street (Minor Upgrade)	202m	2025	\$446,054
TRF260	Collector Road - CBD - Grafton Street (Minor Upgrade)	(Project Cost)	2016	\$372,824
TRF261	Collector Road - CBD - Grafton Street (Minor Upgrade)	201m	2025	\$444,018
TRF262	Sub-Arterial Road - 4 Lane Median Divided - Hardy Road (Major Upgrade)	583m	2035	\$4,797,965
TRF263	Sub-Arterial Road - 4 Lane Median Divided - Hardy Road (Major Upgrade)	318m	2035	\$2,618,249
TRF264	Major Collector Road - Robert Road (Minor Upgrade)	282m	2035	\$581,929
TRF265	Sub-Arterial Road - 4 Lane Median Divided - Mill Road (Major Upgrade)	367m	2025	\$2,490,977
TRF266	Sub-Arterial Road - 2 Lane Undivided - Mount Peter Road (Minor Upgrade)	246m	2025	\$623,147
TRF267	Sub-Arterial Road - 2 Lane Undivided - Mount Peter Road (Minor Upgrade)	219m	2025	\$553,261
TRF268	Sub-Arterial Road - 2	109m	2035	\$551,286

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Lane Undivided - Bicentennial Road (Major Upgrade)			
TRF269	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	85m	2020	\$569,515
TRF270	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	64m	2035	\$124,687
TRF271	Sub-Arterial Road - 4 Lane Median divided with parking - Aumuller Street (Minor Upgrade)	365m	2035	\$1,332,939
TRF272	Sub-Arterial Road - 4 Lane Median divided with parking - Aumuller Street (Major Upgrade)	241m	2015	\$1,615,240
TRF273	Sub-Arterial Road - 4 Lane Median divided with parking - Aumuller Street (Major Upgrade)	351m	2015	\$2,353,333
TRF274	Sub-Arterial Road - CBD - Abbott Street (Minor Upgrade)	200m	2035	\$646,232
TRF275	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Major Upgrade)	(Project Cost)	2022	\$823,391
TRF276	Sub-Arterial Road - 2 Lane Undivided - De Jarlais Street (Minor Upgrade)	342m	2035	\$864,798
TRF277	Sub-Arterial Road - 2 Lane Median divided - Swallow Street (Major Upgrade)	288m	2035	\$1,765,229
TRF278	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Connector Road (Staged)	252m	2015	\$782,027
TRF279	Major Collector Road - Cheviot Street (Major Upgrade)	603m	2035	\$2,484,294
TRF280	Sub-Arterial Road - 4 Lane Median divided - Trinity Beach Road (Minor Upgrade)	274m	2025	\$1,178,151
TRF281	Sub-Arterial Road - 2 Lane Median divided - Trinity Beach Road (Minor Upgrade)	212m	2035	\$650,779
TRF282	Sub-Arterial Road - 2 Lane Median divided - Trinity Beach Road (Minor Upgrade)	336m	2025	\$1,029,586

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF283	Sub-Arterial Road - 2 Lane Median divided - Trinity Beach Road (Minor Upgrade)	344m	2035	\$1,052,512
TRF284	Sub-Arterial Road - 2 Lane Median divided - Trinity Beach Road (Minor Upgrade)	178m	2025	\$544,931
TRF285	Major Collector Road - Poolwood Road (Minor Upgrade)	396m	2035	\$815,408
TRF286	Sub-Arterial Road - 2 Lane Undivided - Poolwood Road (Minor Upgrade)	35m	2035	\$108,795
TRF287	Minor Collector Road - Upolu Esplanade (Major Upgrade)	317m	2035	\$1,229,403
TRF288	Major Collector Road - Endeavour Road (Minor Upgrade)	274m	2035	\$564,514
TRF289	Collector Road - CBD - Grafton Street (Minor Upgrade)	201m	2025	\$444,596
TRF290	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	203m	2025	\$1,487,062
TRF291	Rural Major Road - Goldsborough Road (Major Upgrade)	525m	2025	\$767,037
TRF292	Rural Major Road - Goldsborough Road (Major Upgrade)	303m	2035	\$442,831
TRF293	Sub-Arterial Road - 4 Lane Median Divided - Mcgregor Road (Major Upgrade)	(Project Cost)	2017	\$338,525
TRF294	Sub-Arterial Road - 2 Lane Undivided - Mount Peter Road (Minor Upgrade)	363m	2035	\$919,137
TRF295	Sub-Arterial Road - 2 Lane Undivided - Mount Peter Road (Minor Upgrade)	241m	2035	\$608,936
TRF296	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Major Upgrade)	(Project Cost)	2022	\$957,653
TRF297	Industrial Collector Road - Aumuller Street (Minor Upgrade)	238m	2025	\$550,455
TRF298	Industrial Collector Road - Aumuller Street (Minor Upgrade)	226m	2025	\$522,252

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF299	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	104m	2025	\$760,020
TRF300	Sub-Arterial Road - 4 Lane Median divided with parking - Upward Street (Major Upgrade)	101m	2025	\$735,236
TRF301	Sub-Arterial Road - 4 Lane Median divided with parking - Grove Street (Major Upgrade)	144m	2025	\$1,052,530
TRF302	Sub-Arterial Road - 4 Lane Median divided with parking - Lyons Street (Major Upgrade)	57m	2025	\$416,222
TRF303	Sub-Arterial Road - 4 Lane Median divided with parking - Lyons Street (Major Upgrade)	46m	2035	\$338,482
TRF304	Sub-Arterial Road - 4 Lane Median divided with parking - Lyons Street (Major Upgrade)	118m	2035	\$866,097
TRF305	Sub-Arterial Road - 2 Lane Median divided - Gatton Street (Major Upgrade)	121m	2025	\$739,464
TRF306	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Major Upgrade)	121m	2025	\$884,111
TRF307	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Major Upgrade)	245m	2025	\$1,791,494
TRF308	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Minor Upgrade)	188m	2025	\$687,472
TRF309	Sub-Arterial Road - 4 Lane Median divided with parking - Spence Street (Major Upgrade)	846m	2025	\$6,187,284
TRF310	Sub-Arterial Road - CBD - Spence Street (Minor Upgrade)	201m	2025	\$648,303
TRF311	Sub-Arterial Road - CBD - Spence Street (Minor Upgrade)	101m	2025	\$326,516
TRF312	Sub-Arterial Road - CBD - Spence Street (Minor Upgrade)	99m	2025	\$320,567
TRF313	Sub-Arterial Road - CBD - Spence Street (Minor Upgrade)	101m	2025	\$326,057
TRF314	Sub-Arterial Road - CBD - Spence Street	101m	2025	\$326,037

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	(Minor Upgrade)			
TRF315	Sub-Arterial Road - CBD - Spence Street (Minor Upgrade)	97m	2025	\$490,600
TRF316	Collector Road - CBD - Grafton Street (Minor Upgrade)	241m	2025	\$533,062
TRF317	Sub-Arterial Road - 4 Lane Median divided with parking - Little Spence Street (Major Upgrade)	349m	2025	\$2,554,552
TRF318	Sub-Arterial Road - 4 Lane Median divided with parking - Little Spence Street (Major Upgrade)	304m	2025	\$2,221,187
TRF319	Non Standard Cross Section Road - Esplanade (Minor Upgrade)	202m	2035	\$391,490
TRF320	Major Collector Road - Poolwood Road (Minor Upgrade)	222m	2035	\$456,860
TRF321	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Major Upgrade)	116m	2025	\$586,014
TRF322	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Minor Upgrade)	263m	2025	\$665,232
TRF323	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Major Upgrade)	258m	2035	\$1,306,310
TRF324	Sub-Arterial Road - 2 Lane Undivided - Toogood Road (Major Upgrade)	(Project Cost)	2022	\$354,884
TRF325	Sub-Arterial Road - 2 Lane Undivided - Irene Street (Minor Upgrade)	16m	2025	\$39,239
TRF326	Sub-Arterial Road - 2 Lane Median divided - Irene Street (Major Upgrade)	400m	2035	\$2,449,551
TRF327	Sub-Arterial Road - 2 Lane Median divided - Tills Street (Major Upgrade)	102m	2035	\$625,339
TRF328	Sub-Arterial Road - 2 Lane Undivided - Tills Street (Major Upgrade)	97m	2025	\$488,453
TRF331	Sub-Arterial Road - 2 Lane Undivided - Windarra Street (Minor	276m	2025	\$699,113

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Upgrade)			
TRF332	Collector Road - CBD - Lake Street (Minor Upgrade)	241m	2025	\$533,596
TRF333	Collector Road - CBD - Lake Street (Minor Upgrade)	30m	2025	\$65,425
TRF335	Sub-Arterial Road - 4 Lane Median divided - Mount Peter Road (Major Upgrade)	213m	2035	\$1,444,052
TRF336	Sub-Arterial Road - 4 Lane Median divided with parking - Martyn Street (Major Upgrade)	203m	2025	\$1,482,262
TRF337	Sub-Arterial Road - 4 Lane Median divided - Mount Peter Road (Major Upgrade)	536m	2035	\$3,637,233
TRF338	Sub-Arterial Road - 2 Lane Undivided - Palm Cove Boulevard (Major Upgrade)	172m	2035	\$870,100
TRF339	Rural Major Road - Goldsborough Road (Major Upgrade)	468m	2025	\$684,577
TRF340	Major Collector Road - Christian Street (Major Upgrade)	233m	2035	\$973,326
TRF341	Major Collector Road - Angus Street (Major Upgrade)	201m	2035	\$841,160
TRF342	Major Collector Road - Knowles Street (Major Upgrade)	129m	2035	\$538,544
TRF343	Major Collector Road - Golf Parade (Major Upgrade)	316m	2035	\$1,322,493
TRF344	Major Collector Road - Parry Street (Major Upgrade)	385m	2035	\$1,611,777
TRF345	Major Collector Road - Angus Street (Major Upgrade)	235m	2035	\$981,587
TRF346	Minor Collector Road - Hambledon Drive : Wiseman Road West Lnk (Future)	75m	2035	\$242,227
TRF347	Major Collector Road - Dunne Road (Major Upgrade)	361m	2035	\$1,487,562
TRF348	Major Collector Road - Dunne Road (Major Upgrade)	120m	2035	\$495,023
TRF349	Major Collector Road -	496m	2035	\$2,042,551

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Dunne Road (Major Upgrade)			
TRF350	Major Collector Road - Dunne Road (Major Upgrade)	404m	2035	\$1,663,141
TRF351	Major Collector Road - Dunne Road (Major Upgrade)	162m	2035	\$667,602
TRF352	Major Collector Road - Dunne Road (Major Upgrade)	39m	2035	\$162,266
TRF353	Major Collector Road - Dunne Road (Major Upgrade)	396m	2035	\$1,629,738
TRF354	Major Collector Road - Dunne Road (Major Upgrade)	204m	2035	\$840,988
TRF355	Rural Major Road - Future Road #1 (Future)	69m	2035	\$83,164
TRF357	Non Standard Cross Section Road - Lake Street (Future)	96m	2035	\$309,380
TRF358	Major Collector Road - Mackenzie (Minor Upgrade)	255m	2035	\$526,343
TRF359	Rural Major Road - Future Road #1 (Future)	389m	2035	\$1,877,199
TRF360	Rural Major Road - Future Road #1 (Future)	132m	2035	\$638,940
TRF361	Rural Major Road - Future Road #1 (Future)	475m	2035	\$2,294,937
TRF362	Sub-Arterial Road - 4 Lane Median Divided - Trinity Beach Road : Reed Road (Staged)	1116m	2035	\$3,786,033
TRF363	Sub-Arterial Road - 4 Lane Median Divided - Trinity Beach Road : Reed Road (Staged)	131m	2035	\$445,437
TRF364	Major Collector Road - Cottesloe Drive : Captain Cook Highway (Future)	344m	2035	\$2,427,995
TRF365	Major Collector Road - Cottesloe Drive : Captain Cook Highway (Future)	94m	2035	\$665,058
TRF366	Major Collector Road - Ramsey Drive : Murray Street (Future)	51m	2025	\$362,677
TRF367	Major Collector Road - Ramsey Drive : Murray	272m	2025	\$1,918,596

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Street (Future)			
TRF368	Sub-Arterial Road - 4 Lane Median Divided - Logomeir Road (Staged)	214m	2035	\$724,233
TRF369	Sub-Arterial Road - 4 Lane Median Divided - Logomeir Road (Staged)	378m	2035	\$1,899,889
TRF370	Major Collector Road - Fig Tree Drive : Kamerunga Road (Future)	59m	2035	\$416,783
TRF371	Major Collector Road - Fig Tree Drive : Kamerunga Road (Future)	(Project Cost)	2022	\$5,172,501
TRF372	Minor Collector Road - Seclusion Drive : Captain Cook Highway (Future)	133m	2035	\$829,614
TRF373	Major Collector Road - Wiseman Road West : Isabella Road (Future)	252m	2035	\$1,776,032
TRF374	Major Collector Road - Roberts Drive : Trinity Beach Road : Reed Road (Future)	394m	2035	\$2,779,079
TRF375	Major Collector Road - Paradise Palms Drive : Moore Road (Future)	797m	2015	\$2,509,740
TRF376	Major Collector Road - Canopies Edge Boulevard Extension (Future)	644m	2035	\$4,549,012
TRF377	Sub-Arterial Road - 4 Lane Median divided with parking - Little Spence Street (Major Upgrade)	64m	2025	\$466,594
TRF378	Minor Collector Road - Hambledon Drive : Wiseman Road West Lnk (Future)	967m	2025	\$6,014,437
TRF379	Major Collector Road - Mcgregor Road : Mt Milman Drive (Future)	(Project Cost)	2021	\$79,122
TRF380	Minor Collector Road - Future Road #2 (Future)	105m	2035	\$338,124
TRF381	Minor Collector Road - Future Road #2 (Future)	124m	2035	\$401,726
TRF382	Minor Collector Road - Future Road #2 (Future)	104m	2035	\$644,383

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF383	Minor Collector Road - Future Road #2 (Future)	407m	2035	\$1,313,622
TRF384	Major Collector Road - Future Road #3 (Future)	1,668m	2035	\$5,728,613
TRF385	Sub-Arterial Road - 2 Lane Median Divided - Cattana Road (Future)	(Project Cost)	2024	\$2,136,353
TRF386	Minor Collector Road - Moore Road : Panguna Street (Future)	205m	2035	\$662,112
TRF387	Minor Collector Road - Moore Road : Panguna Street (Future)	160m	2035	\$516,084
TRF388	Sub-Arterial Road - 2 Lane Undivided - Logomeir Road : Robert Road (Future)	246m	2035	\$2,156,035
TRF389	Sub-Arterial Road - 4 Lane Median Divided - Draper Road (Major Upgrade)	103m	2035	\$706,659
TRF390	Minor Collector Road - Evans Street (Major Upgrade)	84m	2035	\$323,644
TRF391	Minor Collector Road - Evans Street (Major Upgrade)	49m	2035	\$191,164
TRF392	Sub-Arterial Road - 4 Lane Median Divided - Redlynch Intake Road (Staged)	(Project Cost)	2017	\$943,957
TRF393	Sub-Arterial Road - 4 Lane Median Divided - Robert Road (Major Upgrade)	134m	2035	\$906,274
TRF394	Sub-Arterial Road - 4 Lane Median Divided - Hardy Road (Major Upgrade)	281m	2035	\$2,340,129
TRF395	Sub-Arterial Road - 2 Lane Undivided - Irene Street (Minor Upgrade)	138m	2025	\$348,047
TRF396	Sub-Arterial Road - 2 Lane Undivided - Irene Street (Minor Upgrade)	58m	2035	\$200,316
TRF397	Sub-Arterial Road - 2 Lane Undivided - Palm Cove Boulevard (Major Upgrade)	480m	2035	\$3,388,681
TRF398	Major Collector Road - Mcgregor Road : Mt Milman Drive (Future)	(Project Cost)	2021	\$4,603,062
TRF399	Minor Collector Road - Future Road #2 (Future)	117m	2035	\$378,730

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF400	Minor Collector Road - Future Road #2 (Future)	209m	2035	\$1,299,952
TRF401	Sub-Arterial Road - 4 Lane Median Divided - Walker Road (Minor Upgrade)	256m	2025	\$1,006,550
TRF402	Sub-Arterial Road - 4 Lane Median Divided - Trinity Beach Road : Reed Road (Staged)	448m	2025	\$1,519,387
TRF403	Sub-Arterial Road - 4 Lane Median Divided - Trinity Beach Road : Reed Road (Staged)	1,116m	2035	\$10,062,432
TRF404	Sub-Arterial Road - 4 Lane Median Divided - Trinity Beach Road : Reed Road (Staged)	131m	2035	\$445,437
TRF405	Major Collector Road - Lake Placid Road (Minor Upgrade)	296m	2025	\$609,927
TRF406	Major Collector Road - Robert Road (Major Upgrade)	323m	2035	\$1,332,095
TRF407	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	531m	2035	\$3,993,590
TRF408	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	4,400m	2035	\$25,200,005
TRF409	Sub-Arterial Road - 2 Lane Median Divided - Stage 1 (Future)	(Project Cost)	2016	\$3,649,942
TRF409	Sub-Arterial Road - 2 Lane Median Divided - Stage 2 (Future)	(Project Cost)	2026	\$4,003,410
TRF410	Sub-Arterial Road - 2 Lane Median Divided - 0 (Future)	725m	2035	\$4,925,426
TRF411	Major Collector Road - 0 (Future)	523m	2035	\$2,427,125
TRF412	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	530m	2035	\$3,032,874
TRF413	Sub-Arterial Road - 4 Lane Median divided - Mount Peter Road (Future)	511m	2025	\$3,231,006
TRF414	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	853m	2018	\$9,220,342
TRF415	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	2,113m	2035	\$15,901,821

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF416	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	879m	2035	\$6,618,213
TRF417	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	142m	2035	\$1,065,510
TRF418	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	1,431m	2035	\$10,771,497
TRF419	Sub-Arterial Road - 4 Lane Median Divided - 0 (Staged)	297m	2015	\$1,481,813
TRF420	Major Collector Road - Mohammed Access (Future)	2,105m	2025	\$9,773,335
TRF421	Sub-Arterial Road - 2 Lane Median Divided - 0 (Future)	437m	2035	\$2,971,275
TRF422	Sub-Arterial Road - 2 Lane Median Divided - 0 (Future)	2,443m	2035	\$16,604,922
TRF423	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	1,056m	2035	\$7,950,472
TRF424	Sub-Arterial Road - 2 Lane Median Divided - 0 (Future)	677m	2035	\$4,602,962
TRF425	Sub-Arterial Road - 4 Lane Median Divided - 0 (Future)	1248m	2035	\$9,394,591
TRF426	Sub-Arterial Road - 4 Lane Median Divided - Mount Peter Road (Future)	1364m	2025	\$8,615,703
TRF427	Sub-Arterial Road - 2 Lane Median Divided - Mount Peter Road (Future)	1,738m	2035	\$9,709,529
TRF428	Major Collector Road - 0 (Future)	709m	2035	\$3,290,822
TRF429	Major Collector Road - Fantin Access (Future)	1,210m	2035	\$4,156,063
TRF430	Sub-Arterial Road - 2 Lane Median Divided - Cooper Road (Future)	671m	2025	\$3,750,646
TRF431	Sub-Arterial Road - 2 Lane Median Divided - 0 (Future)	372m	2025	\$2,525,600
TRF432	Sub-Arterial Road - 2 Lane Median Divided - 0 (Future)	1,127m	2035	\$7,659,913
TRF433	Sub-Arterial Road - 2 Lane Median Divided - Sandy Road (Future)	284m	2035	\$1,589,234

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF434	Major Collector Road - 0 (Future)	1,320m	2035	\$6,127,005
TRF435	Major Collector Road - Harold Road (Future)	227m	2035	\$778,604
TRF436	Major Collector Road - Hussey Road (Future)	1,702m	2035	\$5,844,313
TRF437	Major Collector Road - Hussey Road (Future)	556m	2035	\$1,910,087
TRF438	Major Collector Road - 0 (Future)	1,709m	2035	\$7,934,373
TRF439	Major Collector Road - Sawmill Pocket Road (Future)	332m	2035	\$1,140,552
TRF440	Major Collector Road - 0 (Future)	368m	2025	\$1,709,957
TRF441	Major Collector Road - 0 (Future)	573m	2025	\$1,965,999
TRF442	Major Collector Road - 0 (Future)	706m	2025	\$3,278,071
TRF443	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	855m	2035	\$4,894,572
TRF444	Sub-Arterial Road - 2 Lane Undivided - Jones Road (Future)	786m	2035	\$3,552,975
TRF445	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	650m	2035	\$2,936,327
TRF446	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	113m	2035	\$646,737
TRF447	Sub-Arterial Road - 2 Lane Undivided - Castlereagh Street (Future)	481m	2035	\$2,026,891
TRF448	Sub-Arterial Road - 2 Lane Undivided - 0 (Future)	632m	2035	\$3,617,076
TRF449	Major Collector Road - Lake Placid Road (Minor Upgrade)	738m	2035	\$1,519,789
TRF450	Minor Collector Road - Fretwell Road (Major Upgrade)	(Project Cost)	2023	\$931,056
TRF451	Minor Collector Road - Johnson Road (Major Upgrade)	(Project Cost)	2024	\$903,401
TRF452	Major Collector Road - Arnold Street (Major Upgrade)	(Project Cost)	2019	\$503,716
TRF453	Major Collector Road - Magazine Street (Major Upgrade)	(Project Cost)	2019	\$1,745,568

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
TRF454	Sub-Arterial Road - 2 Lane Undivided - Brinsmead Road (Major Upgrade)	1,479m	2035	\$7,480,767
TRF455	Sub-Arterial Road - 2 Lane Undivided - McManus Street (Minor Upgrade)	1,306m	2035	\$3,303,743
TRF456	Major Collector Road - McManus Street (Minor Upgrade)	354m	2035	\$729,092
TRF457	Major Collector Road - Woodward Street (Minor Upgrade)	1,118m	2035	\$2,304,223
TRF458	Major Collector Road - Jackson Drive (Minor Upgrade)	(Project Cost)	2024	\$424,045
TRF459	Major Collector Road - Maconachie Street (Major Upgrade)	(Project Cost)	2024	\$1,686,963
TRF460	Major Collector Road - Kate Street (Major Upgrade)	(Project Cost)	2025	\$580,758
TRF461	Major Collector Road - Grundy Street (Major Upgrade)	(Project Cost)	2025	\$900,108
TRF462	Major Collector Road - Grundy Street (Major Upgrade)	(Project Cost)	2025	\$537,959
TRF463	Sub-Arterial Road - 2 Lane Undivided - Beatrice Street (Minor Upgrade)	688m	2025	\$1,741,165
TRF464	Sub-Arterial Road - 2 Lane Undivided - Balaclava Road (Minor Upgrade)	696m	2035	\$1,759,660
TRF465	Sub-Arterial Road - 2 Lane Undivided - Gordon Street (Minor Upgrade)	182m	2035	\$459,329
TRF466	Sub-Arterial Road - 2 Lane Undivided - Gordon Street (Minor Upgrade)	181m	2035	\$458,918
TRF467	Sub-Arterial Road - 2 Lane Undivided - Balaclava Road (Minor Upgrade)	413m	2035	\$1,046,043
TRF468	Sub-Arterial Road - 2 Lane Undivided - Henley Street (Minor Upgrade)	108m	2035	\$273,413
TRF469	Minor Collector Road - McLean Street (between Collins Avenue and Short Street) (Major	(Project Cost)	2016	\$433,498

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁴
	Upgrade)			
TRF470	Minor Collector Road - Short Street (between McLean Street and Mcleod Street) (Major Upgrade)	(Project Cost)	2016	\$93,341
TRF471	Minor Collector Road - Mcleod Street (between Short Street and Arthur Street) (Major Upgrade)	(Project Cost)	2016	\$27,655
TRF472	Sub-Arterial Road - 4 Lane Median Divided - Airport Avenue (Major Upgrade)	(Project Cost)	2025	\$3,641,259
TRF473	Major Collector Road - Whereat Road (Future)	(Project Cost)	2024	\$350,211
TRF484	Sub-Arterial Road - 4 Lane Median Divided - (Staged)	297m	2035	\$1,008,544
TRF485	Sub-Arterial Road - 4 Lane Median Divided - (Major Upgrade)	207m	2018	\$1,286,183
TRF486	Sub-Arterial Road - 4 Lane Median Divided - (Major Upgrade)	889m	2041	\$6,032,162
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 1 (Future)	(Project Cost)	2016	\$3,739,678
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 2 (Future)	(Project Cost)	2017	\$46,092
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 3 (Future)	(Project Cost)	2018	\$46,092
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 4 (Future)	(Project Cost)	2019	\$11,292,513
TCPF001	Carpark - Southern Carpark - Precinct 1 - Stage 5 (Future)	(Project Cost)	2020	\$11,292,513
TOTAL			\$942,596,664	

Table SC3.3.5.a - 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
PSBF01	Foot Bridge (Medium) Chinaman's Creek	(Project Cost)	2014	Cost included in road transport network
PSBF02	Foot Bridge (Medium) Moody's Creek	(Project Cost)	2014	Cost included in road transport network

Note—15. Table SC3.2.5.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 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF001	Pathway	5,017m ²	2018	\$636,881
PWF002	Pathway	1,946m ²	2025	Cost included in road transport network
PWF003	Pathway	3,755m ²	2020	\$498,303
PWF004	Pathway	5,193m ²	2018	\$659,180
PWF005	Pathway	1,592m ²	2018	\$202,105
PWF006	Pathway	(Project Cost)	2014	Cost included in road transport network
PWF007	Pathway	1,720m ²	2016	Cost included in road transport network
PWF008	Pathway	1,013m ²	2017	Cost included in road transport network
PWF009	Pathway	4,862m ²	2030	Cost included in road transport network
PWF010	Pathway	1,252m ²	2025	\$173,337
PWF011	Pathway	4,217m ²	2020	Cost included in road transport network
PWF012	Pathway	815m ²	2025	\$112,870
PWF013	Pathway	567m ²	2017	Cost included in road transport network
PWF014	Pathway	324m ²	2025	Cost included in road transport network
PWF015	Pathway	1,529m ²	2025	Cost included in road transport network
PWF016	Pathway	608m ²	2025	Cost included in road transport network
PWF017	Pathway	1,599m ²	2016	Cost included in road transport network
PWF018	Pathway	1,890m ²	2016	\$239,943
PWF019	Pathway	391m ²	2018	Cost included in road transport network
PWF020	Pathway	1,436m ²	2015	\$182,264
PWF021	Pathway	710m ²	2015	\$90,109
PWF022	Pathway	694m ²	2020	\$92,108
PWF023	Pathway	12,255m ²	2025	Cost included in road transport network
PWF024	Pathway	479m ²	2025	Cost included in road transport network
PWF025	Pathway	975m ²	2025	Cost included in road transport network
PWF026	Pathway	(Project Cost)	2014	Cost included in road transport network
PWF027	Pathway	801m ²	2017	Cost included in road transport 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
PWF028	Pathway	1,335m ²	2015	Cost included in road transport network
PWF029	Pathway	1,144m ²	2025	Cost included in road transport network
PWF030	Pathway	1,091m ²	2025	Cost included in road transport network
PWF031	Pathway	1,901m ²	2014	Cost included in road transport network
PWF032	Pathway	1,673m ²	2025	Cost included in road transport network
PWF033	Pathway	1,000m ²	2018	\$126,899
PWF034	Pathway	5,930m ²	2025	\$821,137
PWF035	Pathway	1,730m ²	2015	\$219,569
PWF036	Pathway	1,169m ²	2030	\$161,889
PWF037	Pathway	1,953m ²	2015	Cost included in road transport network
PWF038	Pathway	1,712m ²	2025	\$237,094
PWF039	Pathway	2,245m ²	2025	\$310,857
PWF040	Pathway	599m ²	2025	\$82,913
PWF041	Pathway	6,821m ²	2025	\$944,514
PWF042	Pathway	709m ²	2020	\$94,030
PWF043	Pathway	2,168m ²	2017	\$275,191
PWF044	Pathway	4,484m ²	2025	\$620,984
PWF045	Pathway	2,038m ²	2025	\$282,222
PWF046	Pathway	1,962m ²	2025	\$271,704
PWF047	Pathway	928m ²	2025	\$128,532
PWF048	Pathway	1,802m ²	2025	\$249,596
PWF049	Pathway	3,791m ²	2025	\$525,025
PWF050	Pathway	855m ²	2025	\$118,349
PWF051	Pathway	990m ²	2025	\$137,070
PWF052	Pathway	1,325m ²	2025	\$183,520
PWF053	Pathway	597m ²	2025	\$82,689
PWF054	Pathway	514m ²	2018	\$65,230
PWF055	Pathway	2,439m ²	2025	\$337,786

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF056	Pathway	2,900m ²	2025	\$401,616
PWF057	Pathway	2,699m ²	2025	\$373,794
PWF058	Pathway	3,638m ²	2025	\$503,839
PWF059	Pathway	2,484m ²	2025	\$343,937
PWF060	Pathway	1,735m ²	2025	\$240,281
PWF061	Pathway	3,982m ²	2018	\$505,504
PWF062	Pathway	3,551m ²	2025	\$491,804
PWF063	Pathway	772m ²	2025	\$106,889
PWF064	Pathway	1,575m ²	2017	\$199,916
PWF065	Pathway	1,776m ²	2020	Cost included in road transport network
PWF066	Pathway	3,272m ²	2025	\$453,089
PWF067	Pathway	445m ²	2020	Cost included in road transport network
PWF068	Pathway	1,814m ²	2020	Cost included in road transport network
PWF069	Pathway	240m ²	2025	Cost included in road transport network
PWF070	Pathway	1,606m ²	2018	Cost included in road transport network
PWF071	Pathway	1,373m ²	2020	Cost included in road transport network
PWF072	Pathway	1,106m ²	2018	Cost included in road transport network
PWF073	Pathway	1,692m ²	2025	Cost included in road transport network
PWF074	Pathway	1,241m ²	2025	Cost included in road transport network
PWF075	Pathway	839m ²	2013	Cost included in road transport network
PWF076	Pathway	2,946m ²	2025	Cost included in road transport network
PWF077	Pathway	1,503m ²	2025	\$208,065
PWF078	Pathway	639m ²	2020	Cost included in road transport network
PWF079	Pathway	732m ²	2030	\$101,334
PWF080	Pathway	1,624m ²	2030	\$224,878
PWF081	Pathway	1,700m ²	2020	Cost included in road transport network
PWF082	Pathway	2,450m ²	2016	\$310,983
PWF083	Pathway	849m ²	2020	Cost included in road transport 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
PWF084	Pathway	555m ²	2025	Cost included in road transport network
PWF085	Pathway	498m ²	2025	Cost included in road transport network
PWF086	Pathway	1,328m ²	2025	Cost included in road transport network
PWF087	Pathway	1,888m ²	2016	Cost included in road transport network
PWF088	Pathway	3,966m ²	2017	Cost included in road transport network
PWF089	Pathway	7,974m ²	2025	\$1,104,280
PWF090	Pathway	726m ²	2025	Cost included in road transport network
PWF091	Pathway	221m ²	2025	\$30,558
PWF092	Pathway	1,142m ²	2025	\$158,162
PWF093	Pathway	1,005m ²	2025	Cost included in road transport network
PWF094	Pathway	910m ²	2020	Cost included in road transport network
PWF095	Pathway	4,174m ²	2020	Cost included in road transport network
PWF096	Pathway	1,723m ²	2017	\$218,716
PWF097	Pathway	1,163m ²	2020	Cost included in road transport network
PWF098	Pathway	887m ²	2025	Cost included in road transport network
PWF099	Pathway	2,741m ²	2025	\$379,581
PWF100	Pathway	1,456m ²	2025	\$201,619
PWF101	Pathway	770m ²	2025	Cost included in road transport network
PWF102	Pathway	5,517m ²	2017	Cost included in road transport network
PWF103	Pathway	1,908m ²	2017	\$242,195
PWF104	Pathway	1,408m ²	2018	Cost included in road transport network
PWF105	Pathway	380m ²	2025	\$52,605
PWF106	Pathway	702m ²	2018	Cost included in road transport network
PWF107	Pathway	5,437m ²	2021	\$721,480
PWF108	Pathway	1,449m ²	2021	Cost included in road transport network
PWF109	Pathway	966m ²	2025	Cost included in road transport network
PWF110	Pathway	456m ²	2025	Cost included in road transport 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
PWF111	Pathway	420m ²	2025	Cost included in road transport network
PWF112	Pathway	8,194m ²	2020	Cost included in road transport network
PWF113	Pathway	527m ²	2030	Cost included in road transport network
PWF114	Pathway	1,447m ²	2013	Cost included in road transport network
PWF115	Pathway	190m ²	2025	Cost included in road transport network
PWF116	Pathway	660m ²	2017	Cost included in road transport network
PWF117	Pathway	3,240m ²	2018	Cost included in road transport network
PWF118	Pathway	2,159m ²	2018	Cost included in road transport network
PWF119	Pathway	697m ²	2017	Cost included in road transport network
PWF120	Pathway	1,037m ²	2017	Cost included in road transport network
PWF121	Pathway	279m ²	2020	Cost included in road transport network
PWF122	Pathway	568m ²	2020	Cost included in road transport network
PWF123	Pathway	837m ²	2020	Cost included in road transport network
PWF124	Pathway	748m ²	2025	Cost included in road transport network
PWF125	Pathway	1,818m ²	2019	\$241,220
PWF126	Pathway	213m ²	2017	Cost included in road transport network
PWF127	Pathway	609m ²	2017	Cost included in road transport network
PWF128	Pathway	(Project Cost)	2015	\$1,064,250
PWF129	Pathway	1,562m ²	2018	\$198,278
PWF130	Pathway	1,143m ²	2018	\$145,055
PWF131	Pathway	3,784m ²	2018	\$480,319
PWF132	Pathway	2,320m ²	2018	Cost included in road transport network
PWF133	Pathway	1,263m ²	2018	\$160,295
PWF134	Pathway	2,314m ²	2018	Cost included in road transport network
PWF135	Pathway	5,037m ²	2018	\$639,424
PWF136	Pathway	265m ²	2025	\$36,705
PWF137	Pathway	2,631m ²	2018	\$333,943

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Size/Qty (Units as marked)	Column 4 Estimated timing	Column 5 Establishment cost ⁵
PWF138	Pathway	720m ²	2018	\$91,384
PWF139	Pathway	751m ²	2020	\$99,624
PWF140	Pathway	2,027m ²	2020	\$269,058
PWF141	Pathway	563m ²	2025	Cost included in road transport network
PWF142	Pathway	1,402m ²	2025	\$194,194
PWF143	Pathway	5,934	2035	Cost included in road transport network
PWF144	Pathway	1,060	2035	Cost included in road transport network
PWF145	Pathway	2,140	2016	Cost included in road transport network
PWF146	Pathway	1,451	2035	Cost included in road transport network
PWF147	Pathway	1,061	2035	Cost included in road transport network
PWF148	Pathway	1,028	2025	Cost included in road transport network
PWF149	Pathway	3,147	2035	Cost included in road transport network
PWF150	Pathway	873	2035	Cost included in road transport network
PWF151	Pathway	4,887	2035	Cost included in road transport network
PWF152	Pathway	2,123	2035	Cost included in road transport network
PWF153	Pathway	1,353	2035	Cost included in road transport network
PWF154	Pathway	2,740	2025	Cost included in road transport network
PWF155	Pathway	3,491	2035	Cost included in road transport network
PWF156	Pathway	1,345	2025	Cost included in road transport network
PWF157	Pathway	743	2025	Cost included in road transport network
PWF158	Pathway	2,261	2035	Cost included in road transport network
PWF159	Pathway	568	2035	Cost included in road transport network
PWF160	Pathway	1,716	2035	Cost included in road transport network
PWF161	Pathway	1,571	2035	Cost included in road transport network
PWF162	Pathway	1,306	2035	Cost included in road transport network
PWF163	Pathway	226	2035	Cost included in road transport network
PWF164	Pathway	960	2035	Cost included in road transport 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	1,262	2035	Cost included in road transport network
PWF166	Pathway	594	2035	Cost included in road transport network
PWF167	Pathway	1,554	2035	\$215,249
TOTAL		\$20,908,020		

Table SC3.3.6.a - Public 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
OSF001	City Wide Recreation Park - Upgrade existing foreshore parkland at Yorkeys Knob (Upgrade)	-	2016	\$2,488,962
OSF002	City Wide Recreation Park - Upgrade Cattana Wetlands to provide City Wide Recreation node (Upgrade)	-	2018	\$1,382,757
OSF003	City Wide Recreation Park - Upgrade Holloways Beach Foreshore (Upgrade)	-	2019	\$460,919
OSF004	City Wide Recreation Park - Develop foreshore parklands (Future)	20,000	2026	\$1,686,600
OSF005	City Wide Sports Park - New City Wide Sports Park (Future)	200,000	2036	\$5,660,222
OSF006	Local Recreation Park - Upgrade Machan's Beach Foreshore Parkland (Upgrade)	-	2016	\$322,643
OSF007	District Recreation Park - Upgrade District Park (Upgrade)	-	2036	\$618,470
OSF008	District Sports Park - Upgrade Smithfield Sports Precinct (Upgrade)	-	2021	\$2,765,513
OSF010	District Sports Park - New District Sports Park on highway location to serve Districts 1 and 2 (Future)	200,000	2026	\$5,799,753
OSF011	Local Recreation Park - New Local Park (Future)	10,000	2015	\$416,597
OSF012	Local Recreation Park - Upgrade Local Parks - Canopy's Edge (Upgrade)	-	2018	\$54,200
OSF013	Local Recreation Park - New Local Park As Approved For Smithfield Village (1 of 3 Parks) (Future)	10,000	2018	\$720,116
OSF014	Local Recreation Park - Upgrade existing park (Upgrade)	-	2027	\$256,612

Note—16. Table SC3.2.6.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 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF015	Local Recreation Park - New Local Park As Approved For Smithfield Village (1 of 3 Parks) (Future)	10,000	2019	\$744,605
OSF016	Local Recreation Park - New Local Park (Future)	10,000	2020	\$427,289
OSF017	Local Recreation Park - New Local Park As Approved For Smithfield Village (1 of 3 Parks) (Future)	10,000	2020	\$744,605
OSF019	Local Recreation Park - Upgrade Local Parks - Canopy's Edge (Upgrade)	-	2021	\$56,664
OSF020	Local Recreation Park - New Local Park (Future)	10,000	2021	\$427,289
OSF021	City Wide Recreation Park - Upgrade Foreshore Parkland - Trinity Beach (Upgrade)	-	2020	\$460,919
OSF022	City Wide Recreation Park - New City Wide Park on Foreshore at end of Reed Rd (Future)	20,000	2020	\$677,225
OSF023	City Wide Recreation Park - Upgrade Ellis Beach Foreshore (Upgrade)	-	2028	\$473,017
OSF024	Community Facility - Land for new Community Meeting Space (Future)	2,000	2030	\$116,333
OSF025	Conservation - Upgrade existing Conservation area (Earl Hill) when land comes to Council. Provide new trails and recreation nodes (Upgrade)	-	2027	\$279,080
OSF026	District Recreation Park - Bluewater Estate - new District Park and linear open space along creek (provide path and seats) (Future)	20,000	2017	\$1,229,937
OSF027	District Recreation Park - New District Park (Future)	20,000	2025	\$1,308,773
OSF028	District Recreation Park - Foreshore parkland - provide trails/paths around foreshore and	-	2027	\$360,676

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	headland (Upgrade)			
OSF029	District Recreation Park - New District Park - Expand existing parkland (Future)	20,000	2021	\$1,269,355
OSF030	District Recreation Park - Upgrade Foreshore Parkland - Kewarra Beach (Upgrade)	-	2020	\$509,972
OSF031	District Recreation Park - Upgrade foreshore area with picnic and active recreation facilities (Upgrade)	-	2023	\$460,919
OSF032	District Recreation Park - Upgrade Coastwatchers Park (Upgrade)	-	2015	\$867,198
OSF033	Local Recreation Park - Bluewater Estate - 1 local Park (Future)	10,000	2014	\$613,390
OSF034	Local Recreation Park - New Local Park (Future)	10,000	2021	\$420,709
OSF035	Local Recreation Park - New Local Park (Future)	20,000	2020	\$1,009,142
OSF036	Local Recreation Park - Upgrade to Provide a Local Park/Active Recreation Node in Centrals Precinct (Upgrade)	-	2036	\$257,426
OSF037	City Wide Recreation Park - Esplanade upgrades - allowance for future upgrades and development to cater for growth (Upgrade)	-	2018	\$1,803,939
OSF038	City Wide Sports Park - Upgrade capacity for Cairns North Sports Reserve (Upgrade)	-	2015	\$1,047,140
OSF040	District Sports Park - Upgrade Aeroglen Touch Fields - to accommodate demand across several Districts (Upgrade)	-	2017	\$368,735
OSF041	District Recreation Park - Upgrade Picnic and park facilities at Mulgrave River (Upgrade)	-	2030	\$309,235

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
OSF042	District Recreation Park - Upgrade district park facilities at Goldsborough (Upgrade)	-	2026	\$309,235
OSF043	District Recreation Park - New District Recreation Park adjacent to waterway (Future)	30,000	2036	\$1,322,111
OSF044	District Sports Park - Implementation of Alley Park Masterplan and redevelopment / expansion of sports fields (Upgrade)	-	2015	\$6,628,014
OSF045	District Sports Park - Upgrade Johnson Park Sports Precinct (Upgrade)	-	2031	\$656,106
OSF047	Local Recreation Park - New Local Park (Future)	10,000	2019	\$427,289
OSF048	Local Recreation Park - New Local Park (Future)	10,000	2029	\$437,981
OSF049	Local Recreation Park - New Local Park (Future)	10,000	2027	\$437,981
OSF050	City Wide Recreation Park - Botanic Gardens and Centenary Lakes - additional upgrading to provide additional recreation nodes, trails and picnic facilities (Upgrade)	-	2018	\$2,344,715
OSF051	District Recreation Park - District Park required if urban development proceeds in this area (Future)	20,000	2021	\$1,873,920
OSF052	District Recreation Park - Upgrade district park (Upgrade)	-	2030	\$412,314
OSF053	District Recreation Park - Provide active recreation facilities, boardwalks, shelters link with OSF047- (edges of Central swamp conservation area) (Upgrade)	-	2026	\$618,470
OSF054	District Recreation Park - Upgrade Goomboora Park (Upgrade)	-	2031	\$618,470
OSF055	Local Recreation Park - New Local Park -	15,000	2036	\$701,104

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	Expand on Existing Local Recreation Park adjacent and complement proposed OSF046 (Future)			
OSF056	District Sports Park - Martyn St Sports fields - upgrade to provide a District Sports Park (Upgrade)	-	2015	\$3,450,920
OSF057	Local Recreation Park - New Local Park on Moody Creek (Future)	10,000	2014	\$537,510
OSF058	Local Recreation Park - New Local Park (Future)	10,000	2014	\$537,510
OSF059	Local Recreation Park - New Local Park (Future)	10,000	2021	\$548,202
OSF060	Local Recreation Park - Upgrade Local Park (Upgrade)	-	2026	\$173,834
OSF062	Local Recreation Park - New Local Park (Future)	10,000	2021	\$548,202
OSF064	Local Recreation Park - New Local Park - need to acquire land with frontage (Future)	5,000	2036	\$324,975
OSF065	District Recreation Park - New Civic/District Rec Park (Future)	11,930	2022	\$2,515,775
OSF066	District Recreation Park - New District Recreation Park adjacent to creeks (Future)	120,000	2028	\$3,660,287
OSF067	District Sports Park - New District Sports Park (Future)	100,000	2030	\$5,103,489
OSF068	District Sports Park - New District Sports Park with Local Park Recreation node (Future)	110,000	2027	\$5,559,013
OSF069	District Sports Park - New District Sports Park (Future)	100,000	2027	\$5,103,489
OSF070	Local Recreation Park - New Local Park (Future)	5,969	2017	\$374,322
OSF071	Local Recreation Park - New Local Park (Future)	10,000	2026	\$471,619
OSF072	Local Recreation Park - New Local Park	10,000	2019	\$459,526

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	(Future)			
OSF073	Local Recreation Park - New Local Prk Rec Node adjacent to creek (Future)	4,000	2028	\$266,048
OSF074	Local Recreation Park - New Local Park (Future)	10,000	2029	\$471,619
OSF075	Local Recreation Park - New Local Park (Future)	10,000	2027	\$471,619
OSF076	Local Recreation Park - New Local Park adjacent to creek (Future)	10,000	2026	\$471,619
OSF077	Local Recreation Park - New Local Park (Future)	10,000	2026	\$471,619
OSF078	Local Recreation Park - New Local Park adjacent to creek (Future)	10,000	2026	\$471,619
OSF079	Local Recreation Park - New Local Park (Future)	10,000	2026	\$471,619
OSF080	Local Recreation Park - New Local Park (Future)	10,000	2026	\$471,619
OSF081	Local Recreation Park - New Local Park (Future)	10,000	2026	\$471,619
OSF082	Local Recreation Park - New Local Park (Future)	10,000	2026	\$471,619
OSF083	Local Recreation Park - New Local Park (Future)	10,000	2026	\$471,619
OSF084	Local Recreation Park - New Local Park (Future)	10,000	2028	\$471,619
OSF085	Local Recreation Park - New Local Park (Future)	10,000	2031	\$471,619
OSF086	Local Recreation Park - New Local Park (Future)	10,000	2031	\$471,619
OSF087	Local Recreation Park - New Local Park (Future)	10,000	2031	\$471,619
OSF088	Community Facility - New Community Meeting Space / Community Active Space (Future)	6,000	2015	\$127,846
OSF089	Local Recreation Park	20,000	2018	\$870,639

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	- New Local Park adjacent to Creek corridor (Future)			
OSF090	District Recreation Park - Upgrade the Rocks with additional picnic facilities (Upgrade)	-	2028	\$253,064
OSF091	District Recreation Park - New District Park adjacent to Creek corridor (Future)	20,000	2028	\$1,115,313
OSF092	District Sports Park - Upgrading Redlynch Joint Sporting Facilities Precinct according to Master Plan (50%) (Upgrade)	-	2017	\$60,809
OSF093	District Sports Park - New District Sports Park. To address current and future need (Future)	-	2017	\$921,838
OSF094	District Sports Park - Upgrading Redlynch Joint Sporting Facilities Precinct according to Master Plan (50%) (Upgrade)	-	2027	\$774,000
OSF095	Local Recreation Park - New Local Park (Future)	10,000	2021	\$487,746
OSF096	District Recreation Park - Upgrade Foreshore and Local Park to District Park - East Trinity (Upgrade)	-	2026	\$618,470
OSF097	District Sports Park - Upgrade District Sports Park (Upgrade)	-	2031	\$656,106
OSF099	District Recreation Park - Upgrade Carl Mellick Pk (Upgrade)	-	2026	\$309,235
OSF100	District Recreation Park - Upgrade Bramston Beach Foreshore (Upgrade)	-	2027	\$309,235
OSF101	City Wide Recreation Park - Sugarworld Gardens redevelopment (Upgrade)	-	2019	\$3,318,616
OSF102	Community Facility - Community Meeting Space (Future)	2,000	2017	\$249,806
OSF103	Community Facility - New Community Facility / Library and	4,000	2020	\$269,152

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	Meeting Space (Future)			
OSF104	District Recreation Park - Down Park – upgrading District Park – additional recreation nodes and informal facilities (Upgrade)	-	2027	\$412,314
OSF105	District Recreation Park - Tom Murray Pk - upgrading district park facilities and provision for active informal recreation/ junior sport (Upgrade)	-	2017	\$322,643
OSF106	District Recreation Park - Upgrade to Little Fretwell Park (Upgrade)	-	2028	\$338,406
OSF107	District Recreation Park - New District Park adjacent to Creek corridor (Future)	20,000	2018	\$1,060,659
OSF108	District Recreation Park - New District Park (Future)	20,000	2019	\$1,100,077
OSF109	District Recreation Park - Upgrade existing land to District Recreation Park (Upgrade)	-	2026	\$618,470
OSF110	District Recreation Park - District Park for difficult to locate sports (Future)	-	2018	\$1,382,757
OSF111	District Recreation Park - Upgrade Existing Open Space to District Park with Active Recreation facilities (Upgrade)	-	2026	\$618,470
OSF112	District Recreation Park - Upgrade Local Recreation Park to District Recreation Park (Upgrade)	-	2031	\$618,470
OSF113	District Sports Park - Staged Development of Walker Road Sporting Facilities (Upgrade)	-	2016	\$14,403,324
OSF114	District Sports Park - Peterson Pk (Farmer St) - expand existing park to provide additional field (Future)	50,000	2015	\$3,298,439
OSF115	Local Recreation Park - Smaller Local Park	5,000	2017	\$310,489

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
	Provided. Creek and road barriers affect ability to provide larger Local Park servicing greater area (Future)			
OSF116	Local Recreation Park - Smaller Local Park Provided. Creek and road barriers affect ability to provide larger Local Park servicing greater area (Future)	5,000	2017	\$310,489
OSF117	Local Recreation Park - Smaller Local Park Provided. Creek and road barriers affect ability to provide larger Local Park servicing greater area (Future)	3,000	2017	\$250,032
OSF118	Local Recreation Park - Upgrade Local Park (Upgrade)	-	2017	\$110,621
OSF119	Local Recreation Park - New Local Park (Future)	3,664	2017	\$345,984
OSF120	Local Recreation Park - Smaller Local Park Provided. Creek and road barriers affect ability to provide larger Local Park servicing greater area (Future)	5,000	2018	\$310,489
OSF121	Local Recreation Park - New Local Park (Future)	10,000	2018	\$537,510
OSF122	Local Recreation Park - New Local Park (Future)	10,000	2018	\$537,510
OSF123	Local Recreation Park - Provide a new Local Park if residential density is increasing (Future)	10,000	2018	\$537,510
OSF124	Local Recreation Park - Upgrade Local Park (Upgrade)	-	2029	\$173,834
OSF126	Local Recreation Park - New Local Park (Future)	10,000	2026	\$558,894
OSF127	Community Facility - Mt Peter Community Facility (Future)	10,860	2019	\$730,772
OSF128	Community Facility - New Community Facility (Future)	1,000	2026	\$88,523

Column 1 Map reference	Column 2 Trunk infrastructure	Column 3 Land Qty (m ²)	Column 4 Estimated timing	Column 5 Establishment cost ⁶
TOTAL			\$131,220,594	

SC3.4 List of extrinsic material

Table SC3.14.a – List of extrinsic material

Title of document	Date	Author
Planning Elements		
Draft Cairns Region Planning Scheme	October 2014	Cairns Regional Council (CRC)
ABS Community Profiles including: <ul style="list-style-type: none"> Basic Community Profile Place of Enumeration Profile Working Population Profile 	2011	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, 2013 Edition	2013	Qld Government Statistician (QGS)
QGS Projected Dwellings (medium series) by LGA 2011 – 2036, 2013 Edition	2013	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		
Schedule of Works Model	2017	Cairns Regional Council
Water Supply and Wastewater		
Population and Demand Spatial Model - Methodology and Assumptions	2015	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
Northern WWTP Operational Description	2010	Cleaner Seas Alliance
Marlin Coast WWTP Operational Description	2010	Cleaner Seas Alliance
Water Security Strategy Final Report	2015	CRC
Bulk Water Transfer Scenario Development	2015	CRC
Demand Management Strategy (2016 – 2025)	2015	CRC
Updated Flow Derivation and Reliability Analysis Report, Division 1	2014	Gilbert and Sutherland

Marlin Coast Sewerage Catchment Planning Study	2013	GHD
Northern WWTP Sewerage Catchment Planning Report	2012	Cardno
Southern WWTP Sewerage Catchment: Planning Report	2009	Cardno
Edmonton and Gordonvale Sewerage Planning Report	2010	ARUP
Mount Peter Structure Plan – Part 4 – Trunk Infrastructure Report	2010	Cardno
Mount Peter Structure Plan – Part 5 – Technical Report – Water Supply, Sewerage and Recycled Water	2010	Cardno
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 Sewerage Upgrade requirements for LGIP - All Catchments	2015	CRC
Review of Water Reticulation Trunk Upgrade Requirements for LGIP - All Catchments	2015	CRC
Design Criteria Review Trunk Water and Sewage Planning	2015	CRC
Provision of Unit Rates for Water and Wastewater Assets for 2011/2012	2012	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
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	2016	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
Public 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
AssetVal (2006) Cairns City Council Specified Land and Building Assets at Various Locations Throughout Cairns City – Fair Value	2006	Rushton