

Schedule 3 Local government infrastructure plan mapping and supporting material

SC3.1 Planning assumption tables

Table SC3.1.1 - Existing and projected population

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected population					
Location		2021	2026	2031	2036	2041	FDS
City to Pallarenda	Single dwelling	9,526	9,965	9,800	9,661	9,622	9,833
	Multiple dwelling	8,920	9,222	9,194	9,383	9,827	14,597
	Other dwelling	147	161	196	230	263	352
	Total	18,594	19,348	19,190	19,274	19,712	24,782
South Townsville	Single dwelling	6,119	6,312	6,201	6,115	6,095	6,297
	Multiple dwelling	2,773	2,872	2,856	2,898	3,015	5,178
	Other dwelling	30	31	31	30	30	20
	Total	8,922	9,216	9,088	9,044	9,140	11,494
Central Suburbs	Single dwelling	26,343	27,319	26,994	26,713	26,648	27,255
	Multiple dwelling	6,210	6,410	6,335	6,339	6,457	8,111
	Other dwelling	101	104	103	103	104	514
	Total	32,653	33,833	33,433	33,154	33,209	35,880
Bohle Mt Louisa	Single dwelling	10,063	10,983	11,731	12,608	13,647	18,161
	Multiple dwelling	361	378	390	426	484	921
	Other dwelling	104	112	122	136	153	269
	Total	10,528	11,473	12,242	13,169	14,284	19,350
Kirwan	Single dwelling	21,293	21,936	21,545	21,237	21,150	22,490
	Multiple dwelling	1,533	1,583	1,570	1,581	1,625	2,066
	Other dwelling	0	0	1	2	4	362
	Total	22,826	23,520	23,115	22,821	22,778	24,918
Bohle Plains	Single dwelling	4,329	6,302	8,614	10,720	12,499	14,446
	Multiple dwelling	50	51	50	50	49	730
	Other dwelling	16	17	17	16	16	2
	Total	4,395	6,370	8,681	10,786	12,565	15,178
Northern beaches	Single dwelling	20,528	23,178	27,215	33,413	39,210	46,549
	Multiple dwelling	428	444	493	703	1,012	2,235
	Other dwelling	0	4	23	47	71	214
	Total	20,956	23,626	27,731	34,163	40,293	48,998
North Rural	Single dwelling	0	0	0	0	0	0
	Multiple dwelling	0	0	0	0	0	0
	Other dwelling	0	0	0	0	0	0
	Total	0	0	0	0	0	0
South Rural	Single dwelling	0	0	0	0	0	0
	Multiple dwelling	0	0	0	0	0	0
	Other dwelling	0	0	0	0	0	0
	Total	0	0	0	0	0	0
Upper Ross	Single dwelling	17,577	18,420	18,611	18,951	19,584	24,631
	Multiple dwelling	889	929	975	1,107	1,327	4,769
	Other dwelling	0	0	0	0	0	2
	Total	18,466	19,349	19,586	20,058	20,911	29,401
Southern Suburbs	Single dwelling	29,365	30,590	30,389	30,345	30,636	33,176
	Multiple dwelling	2,041	2,114	2,105	2,141	2,240	6,852
	Other dwelling	147	153	165	182	202	901
	Total	31,554	32,857	32,659	32,669	33,078	40,930
Eastern Rural	Single dwelling	0	975	2,493	4,372	6,661	8,955
	Multiple dwelling	0	0	0	0	0	164
	Other dwelling	0	28	27	27	27	0
	Total	0	1,002	2,521	4,399	6,688	9,119

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected population					
Location		2021	2026	2031	2036	2041	FDS
Magnetic Island	Single dwelling	1,992	2,057	2,020	1,991	1,984	3,235
	Multiple dwelling	298	308	303	298	297	1,424
	Other dwelling	33	34	33	33	32	1
	Total	2,323	2,398	2,356	2,322	2,313	4,660
Inside priority infrastructure area (total)	Single dwelling	147,135	158,036	165,612	176,126	187,736	215,027
	Multiple dwelling	23,503	24,312	24,271	24,927	26,333	47,047
	Other dwelling	579	643	718	807	902	2,637
	Total	171,217	182,991	190,601	201,860	214,971	264,711
Outside priority infrastructure area (total)	Single dwelling	23,740	26,588	27,797	28,510	29,496	79,502
	Multiple dwelling	113	119	134	157	218	3,781
	Other dwelling	281	306	301	297	297	4,396
	Total	24,134	27,013	28,231	28,965	30,012	87,679
Townsville City Council Local Government Area	Single dwelling	170,876	184,625	193,409	204,636	217,232	294,529
	Multiple dwelling	23,616	24,431	24,404	25,084	26,551	50,828
	Other dwelling	859	949	1,019	1,104	1,200	7,033
	Total	195,351	210,005	218,832	230,824	244,983	352,390

Table SC3.1.2 - Existing and projected employees

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected employees					
Location		2021	2026	2031	2036	2041	FDS
City to Pallarenda	Retail	1,262	1,264	1,310	1,399	1,457	1,832
	Services	5,689	6,424	7,154	7,710	8,025	9,320
	Professional	7,358	7,518	8,302	9,198	9,815	11,459
	Industrial	1,262	1,264	1,310	1,399	1,457	1,832
	Other	396	397	397	397	397	571
	Total	15,967	16,867	18,473	20,102	21,149	25,015
South Townsville	Retail	540	547	547	547	547	715
	Services	1,533	1,912	2,278	2,795	3,487	4,420
	Professional	1,092	1,295	1,296	1,296	1,353	1,747
	Industrial	1,210	1,245	1,367	1,564	1,819	2,337
	Other	151	151	151	151	151	82
	Total	4,525	5,149	5,638	6,352	7,357	9,302
Central Suburbs	Retail	2,605	3,130	3,200	3,211	3,217	3,623
	Services	9,308	9,311	9,321	9,337	9,361	8,663
	Professional	2,660	2,660	2,660	2,660	2,660	2,656
	Industrial	1,501	1,499	1,499	1,499	1,499	1,590
	Other	43	43	43	43	43	53
	Total	16,117	16,643	16,723	16,750	16,780	16,585
Bohle Mt Louisa	Retail	2,818	2,808	2,875	3,067	3,308	3,625
	Services	2,675	2,678	2,678	2,679	2,681	2,923
	Professional	2,240	2,237	2,237	2,237	2,240	2,316
	Industrial	5,822	6,437	7,039	7,484	7,676	8,278
	Other	995	998	998	998	998	1,087
	Total	14,549	15,157	15,827	16,466	16,902	18,229
Kirwan	Retail	1,261	1,261	1,261	1,261	1,261	827
	Services	3,777	3,780	3,789	3,803	3,823	3,001
	Professional	1,060	1,332	1,784	1,964	1,964	2,314
	Industrial	433	433	433	433	433	289
	Other	-	-	-	-	-	-
	Total	6,532	6,807	7,268	7,462	7,482	6,431
Bohle Plains	Retail	-	-	0	1	4	716
	Services	251	255	255	255	255	709

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected employees					
Location		2021	2026	2031	2036	2041	FDS
	Professional	47	63	63	63	171	679
	Industrial	304	318	318	318	318	954
	Other	24	24	24	24	24	12
	Total	626	660	660	661	772	3,070
Northern beaches	Retail	594	588	589	590	593	824
	Services	1,462	1,473	1,473	1,473	1,473	1,572
	Professional	261	258	258	258	407	758
	Industrial	224	224	224	224	224	222
	Other	15	16	16	16	16	35
	Total	2,556	2,559	2,560	2,561	2,713	3,411
North Rural	Retail	-	-	-	-	-	-
	Services	-	-	-	-	-	-
	Professional	-	-	-	-	-	-
	Industrial	-	-	-	-	-	-
	Other	-	-	-	-	-	-
	Total	-	-	-	-	-	-
South Rural	Retail	-	-	-	-	-	-
	Services	-	-	-	-	-	-
	Professional	-	-	-	-	-	-
	Industrial	-	26	105	237	421	1,593
	Other	-	-	-	-	-	-
	Total	-	26	105	237	421	1,593
Upper Ross	Retail	254	252	252	252	252	506
	Services	1,587	1,590	1,590	1,590	1,590	1,877
	Professional	404	403	403	403	409	514
	Industrial	421	421	421	421	421	366
	Other	18	18	18	18	18	34
	Total	2,683	2,683	2,683	2,683	2,689	3,296
Southern Suburbs	Retail	901	1,050	1,529	1,889	1,930	2,184
	Services	9,748	10,996	12,065	13,078	14,036	18,850
	Professional	5,170	5,541	5,714	5,975	6,312	8,848
	Industrial	2,039	2,143	2,244	2,548	3,149	3,923
	Other	207	223	223	223	223	526

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected employees					
Location		2021	2026	2031	2036	2041	FDS
	Total	18,066	19,953	21,776	23,713	25,649	34,331
Eastern Rural	Retail	-	-	5	61	426	467
	Services	27	27	29	32	32	66
	Professional	9	9	12	12	12	21
	Industrial	5	5	6	6	6	23
	Other	13	13	13	13	13	25
	Total	54	54	64	123	488	601
Magnetic Island	Retail	106	106	106	106	106	147
	Services	367	367	367	367	367	594
	Professional	144	143	143	143	153	319
	Industrial	84	84	84	84	84	92
	Other	11	11	11	11	11	7
	Total	712	712	712	712	722	1,159
Inside priority infrastructure area (total)	Retail	10,341	11,008	11,676	12,385	13,102	15,466
	Services	36,424	38,812	40,999	43,119	45,129	51,994
	Professional	20,444	21,459	22,872	24,209	25,495	31,633
	Industrial	13,306	14,099	15,050	16,216	17,506	21,499
	Other	1,872	1,893	1,893	1,893	1,893	2,432
	Total	82,387	87,270	92,490	97,822	103,125	123,023
Outside priority infrastructure area (total)	Retail	196	208	210	223	223	1,308
	Services	1,009	1,010	1,011	1,011	1,011	2,460
	Professional	365	366	367	367	369	612
	Industrial	933	936	937	938	938	2,011
	Other	506	918	1,368	1,875	2,401	4,626
	Total	3,009	3,438	3,894	4,415	4,943	11,017
Townsville City Council Local Government Area	Retail	10,537	11,216	11,886	12,608	13,325	16,774
	Services	37,433	39,822	42,011	44,131	46,140	54,454
	Professional	20,810	21,824	23,239	24,576	25,865	32,245
	Industrial	14,239	15,035	15,988	17,154	18,444	23,510
	Other	2,379	2,810	3,261	3,768	4,294	7,058
	Total	85,397	90,708	96,384	102,236	108,068	134,040

**Table SC3.1.3a - Planned density and demand generation rate for a trunk infrastructure network
Greater than threshold**

Editor's Note: Greater than threshold refers to 'broadhectare' densities, typically expected in large 'greenfield' conditions.

*** Identifies precincts included within the Townsville Growth Model, as defined in the supporting extrinsic material.**

Column 1 - Area Classification	Column 3 - Planned Density			Column 4 - Demand generation rate for a trunk infrastructure network (per net developable Ha)				
	Plot ratio res.	Plot ratio non-res.	Total dwellings (no. HA)	Water (EP)	Sewerage (EP)	Roads (TE/d)	Pathways (TE/d)	Parks (ERP)
Community Facilities	-	-	-	-	-	-	-	-
Environmental Management	-	-	-	-	-	-	-	-
Character Residential	0.26	0.18	9.3	26	19	77	3	25
District Centre	-	0.23	-	25	25	235	8	-
Emerging Communities	0.24	0.16	12.7	37	27	108	4	34
High Density Residential	4.03	3.08	201.3	593	512	3,202	118	342
High Impact Industry	-	-	-	-	-	-	-	-
Local Centre	0.46	0.22	1.9	26	26	225	8	3
Low Density Residential	0.24	-	12.2	35	25	98	4	33
Low Impact Industry	-	0.19	-	24	19	167	6	-
Major Centre	-	0.32	-	38	39	367	12	-
Medium Density Residential	0.67	-	36.5	78	56	218	9	72
Medium Impact Industry	-	0.21	-	26	21	183	6	-
Mixed Use	0.30	0.20	4.1	31	29	246	9	7
Neighbourhood Centre	0.37	0.18	1.6	23	23	207	7	3
Open Space	-	-	-	-	-	-	-	-
Principal Centre	2.40	2.16	48.1	432	376	3,521	122	82
Rural Residential	-	0.06	2.0	7	6	21	1	6
Rural	-	0.00	0.1	0	0	4	0	0
Specialised Centre	-	-	-	-	-	-	-	-
Special Purpose	-	-	-	-	-	-	-	-
Sport and Recreation	-	-	-	-	-	-	-	-
Arcadia Central	0.83	0.22	20.7	66	58	386	14	35
Aitkenvale Medium Density	0.68	0.65	44.2	112	91	502	19	79
Aitkenvale Village	0.83	0.78	55.4	138	111	631	24	94
Balgol Beach Golf Course	-	-	-	-	-	-	-	-
Burdell	-	-	-	-	-	-	-	-
Bayswater Road Medical	-	0.31	-	60	68	617	21	-
Cungulla	-	-	9.3	36	22	77	3	21
Civic Administration	-	2.64	-	589	537	5,736	197	-
Sturt Street Gateway	0.37	0.28	3.7	49	44	447	15	6
Charters Towers Road Business	0.38	0.29	1.9	48	49	451	15	3
Domain Central	-	0.22	-	23	24	227	8	-
Fulham Road Medical	-	0.30	-	57	65	585	20	-
Flinders Street Retail	-	2.94	-	341	352	3,496	118	-
Grazing	-	0.00	0.0	0	0	0	0	0
Horticulture	-	0.00	0.0	0	0	2	0	0
Hyde Park Major Centre	0.87	0.83	48.8	128	102	630	23	83
Hyde Park Medium Density	0.87	0.83	65.6	134	99	457	18	111
Jensen	-	0.00	0.1	0	0	3	0	0
Kings Road	0.86	0.82	48.3	133	114	692	26	82
Kirwan Traders	-	0.18	-	29	32	288	10	-
Mixed Farming	-	0.00	0.0	0	0	1	0	0
Nelly Bay Gateway	-	0.30	-	51	58	516	18	-
Nelly Bay Tourist	-	0.78	-	141	161	1,437	49	-
North Ward Villages	2.17	1.95	144.6	344	276	1,496	57	246

Column 1 - Area Classification	Column 3 - Planned Density			Column 4 - Demand generation rate for a trunk infrastructure network (per net developable Ha)				
	Plot ratio res.	Plot ratio non-res.	Total dwellings (no. HA)	Water (EP)	Sewerage (EP)	Roads (TE/d)	Pathways (TE/d)	Parks (ERP)
Picnic Bay	0.37	0.28	15.5	55	50	342	12	26
Picnic Bay Community Facilities	-	0.36	-	67	80	697	24	-
Palmer Street	3.56	2.72	59.3	520	538	4,457	155	101
Riverway	-	0.22	-	45	47	454	16	-
Ross River Road Corridor	0.30	0.23	15.4	41	32	184	7	28
The Strand	0.69	0.66	38.7	111	95	593	22	66
Stables	0.30	-	8.3	24	17	67	3	22
South Townsville Railyards and Dean Park	-	-	-	-	-	-	-	-
Workers Cottages	-	-	-	-	-	-	-	-
*Wotton Street	0.30	0.20	19.0	48	36	164	6	41
*Aitkenvale Centre Core	0.83	0.78	27.3	118	109	795	28	46
*Aitkenvale Centre Frame	0.39	0.30	19.7	67	56	401	15	33
*Thuringowa Centre Support	-	0.18	-	36	36	358	12	-
*Thuringowa Drive	0.37	0.18	7.4	42	37	317	11	12
*TSDA Buffer	-	-	-	-	-	-	-	-
*TSDA Environmental Conservation	-	-	-	-	-	-	-	-
*TSDA Ecological Corridor & Offsets	-	-	-	-	-	-	-	-
*TSDA High Impact Industry	-	0.22	-	25	17	141	5	-
*TSDA Low Impact Industry	-	0.22	-	27	20	177	6	-
*TSDA Low Medium Impact Industry	-	0.22	-	28	24	209	7	-
*Major Centre Castletown	-	-	-	-	-	-	-	-
*Major Centre Fringe 1	0.87	0.83	58.6	146	115	681	26	100
*Major Centre Fringe 2	-	0.22	-	29	30	305	10	-
*Major Centre Fringe 3	0.38	0.18	18.9	48	39	223	8	32
*Major Centre North Shore	-	0.22	-	24	26	239	8	-
*Mater Hospital	-	-	-	-	-	-	-	-
*Mater Hospital Frame 1	-	0.18	-	34	40	352	12	-
*Mater Hospital Frame 2	-	0.25	-	45	53	482	17	-
*TSDA Medium High Impact Industry	-	0.21	-	25	18	180	6	-
*TSDA Medium High Impact Port Related Industry	-	0.21	-	23	15	150	5	-
*TSDA Medium Impact Port Related Industry	-	0.21	-	26	21	183	6	-
*TSDA Materials Transport	-	-	-	-	-	-	-	-
*Rural Residential Ross River Dam Catchment	-	0.01	0.2	2	1	8	0	1
*Rural Ross River Dam Catchment	-	0.00	0.0	0	0	0	0	0
*TSDA Transition Precinct	-	-	-	-	-	-	-	-
*TSDA Transport and Support Services	-	0.22	-	27	21	189	6	-
*TSDA Transport and Support Services Sub-precinct	-	0.22	-	27	21	189	6	-

**Table SC3.1.3b - Planned density and demand generation rate for a trunk infrastructure network
Less than threshold**

Editor's Note: Less than threshold refers to 'street-block' densities, typically expected in smaller 'infill' conditions. Excludes the provision of roads, drains and parklands in the densities.

** Identifies precincts included within the Townsville Growth Model, as defined in the supporting extrinsic material.*

Column 1 - Area Classification	Column 3 - Planned Density			Column 4 - Demand generation rate for a trunk infrastructure network (per net developable Ha)				
	Plot ratio res.	Plot ratio non-res.	Total dwellings (no. HA)	Water (EP)	Sewerage (EP)	Roads (TE/d)	Pathways (TE/d)	Parks (ERP)
Community Facilities	-	-	-	-	-	-	-	-
Environmental Management	-	-	-	-	-	-	-	-
Character Residential	0.38	0.25	13.3	38	27.5	109	4	36
District Centre	-	0.25	-	27	27.5	255	9	-
Emerging Communities	0.38	0.25	20.2	58	42.7	171	7	55
High Density Residential	5.23	4.00	261.4	770	664.4	4,159	153	444
High Impact Industry	-	-	-	-	-	-	-	-
Local Centre	0.53	0.25	2.2	29	29.6	259	9	4
Low Density Residential	0.38	-	18.7	53	38.8	151	6	51
Low Impact Industry	-	0.25	-	31	24.4	217	7	-
Major Centre	-	0.40	-	48	49.5	464	16	-
Medium Density Residential	0.95	-	52.1	111	79.5	312	13	102
Medium Impact Industry	-	0.25	-	32	24.8	221	7	-
Mixed Use	0.38	0.25	5.2	39	36.7	311	11	9
Neighbourhood Centre	0.53	0.25	2.2	33	32.8	292	10	4
Open Space	-	-	-	-	-	-	-	-
Principal Centre	3.34	3.00	66.8	600	522.2	4,890	170	113
Rural Residential	-	0.07	2.4	8	6.7	24	1	7
Rural	-	0.00	0.1	0	0.2	4	0	0
Specialised Centre	-	-	-	-	-	-	-	-
Special Purpose	-	-	-	-	-	-	-	-
Sport and Recreation	-	-	-	-	-	-	-	-
Arcadia Central	0.95	0.25	23.8	76	66.2	444	16	40
Aitkenvale Medium Density	0.95	0.90	61.4	155	126.9	697	26	109
Aitkenvale Village	0.95	0.90	63.7	159	127.3	725	27	108
Balgol Beach Golf Course	-	-	-	-	-	-	-	-
Burdell	-	-	-	-	-	-	-	-
Bayswater Road Medical	-	0.40	-	77	87.3	790	27	-
Cungulla	-	-	12.5	49	30.2	104	4	28
Civic Administration	-	3.00	-	670	610.7	6,518	224	-
Sturt Street Gateway	0.53	0.40	5.3	70	63.6	639	22	9
Charters Towers Road Business	0.53	0.40	2.6	66	66.9	618	21	4
Domain Central	-	0.25	-	27	28.1	261	9	-
Fulham Road Medical	-	0.40	-	77	87.3	790	27	-
Flinders Street Retail	-	3.00	-	348	359.7	3,567	121	-
Grazing	-	0.00	0.0	0	0.0	0	0	0
Horticulture	-	0.00	0.0	0	0.1	2	0	0
Hyde Park Major Centre	0.95	0.90	53.0	139	110.6	685	26	90
Hyde Park Medium Density	0.95	0.90	71.3	146	107.2	497	20	121
Jensen	-	0.00	0.1	0	0.3	4	0	0
Kings Road	0.95	0.90	53.0	147	125.5	760	28	90
Kirwan Traders	-	0.25	-	40	44.8	405	14	-
Mixed Farming	-	0.00	0.0	0	0.1	2	0	0
Nelly Bay Gateway	-	0.40	-	69	78.9	697	24	-

Column 1 - Area Classification	Column 3 - Planned Density			Column 4 - Demand generation rate for a trunk infrastructure network (per net developable Ha)				
	Plot ratio res.	Plot ratio non-res.	Total dwellings (no. HA)	Water (EP)	Sewerage (EP)	Roads (TE/d)	Pathways (TE/d)	Parks (ERP)
Nelly Bay Tourist	-	0.90	-	162	185.4	1,651	57	-
North Ward Villages	3.34	3.00	222.5	529	424.5	2,301	88	378
Picnic Bay	0.53	0.40	21.9	77	70.4	482	17	37
Picnic Bay Community Facilities	-	0.40	-	74	88.4	775	27	-
Palmer Street	5.23	4.00	87.1	765	791.4	6,554	228	148
Riverway	-	0.25	-	52	54.2	522	18	-
Ross River Road Corridor	0.53	0.40	27.0	71	56.3	323	12	48
The Strand	0.95	0.90	53.0	152	130.6	812	30	90
Stables	0.38	-	10.5	30	21.7	85	3	28
South Townsville Railyards and Dean Park	-	-	-	-	-	-	-	-
Workers Cottages	-	-	-	-	-	-	-	-
*Wotton Street	0.38	0.25	24.1	61	45.9	207	8	52
*Aitkenvale Centre Core	0.95	0.90	31.4	136	125.5	913	32	53
*Aitkenvale Centre Frame	0.53	0.40	26.3	90	74.5	535	19	45
*Thuringowa Centre Support	-	0.25	-	50	49.3	497	17	-
*Thuringowa Drive	0.53	0.25	10.5	60	53.5	453	16	18
*TSDA Buffer	-	-	-	-	-	-	-	-
*TSDA Environmental Conservation	-	-	-	-	-	-	-	-
*TSDA Ecological Corridor & Offsets	-	-	-	-	-	-	-	-
*TSDA High Impact Industry	-	0.25	-	29	19.1	162	5	-
*TSDA Low Impact Industry	-	0.25	-	31	22.9	204	7	-
*TSDA Low Medium Impact Industry	-	0.25	-	33	27.1	240	8	-
*Major Centre Castletown	-	-	-	-	-	-	-	-
*Major Centre Fringe 1	0.95	0.90	63.7	159	124.8	741	28	108
*Major Centre Fringe 2	-	0.25	-	33	33.5	342	12	-
*Major Centre Fringe 3	0.53	0.25	26.3	67	54.4	310	12	45
*Major Centre North Shore	-	0.25	-	27	29.3	268	9	-
*Mater Hospital	-	-	-	-	-	-	-	-
*Mater Hospital Frame 1	-	0.25	-	48	57.2	502	17	-
*Mater Hospital Frame 2	-	0.40	-	72	84.8	764	26	-
*TSDA Medium High Impact Industry	-	0.25	-	30	22.0	217	7	-
*TSDA Medium High Impact Port Related Industry	-	0.25	-	27	18.3	181	6	-
*TSDA Medium Impact Port Related Industry	-	0.25	-	32	24.8	221	7	-
*TSDA Materials Transport	-	-	-	-	-	-	-	-
*Rural Residential Ross River Dam Catchment	-	0.01	0.3	2	1.3	8	0	1
*Rural Ross River Dam Catchment	-	0.00	0.0	0	0.0	0	0	0
*TSDA Transition Precinct	-	-	-	-	-	-	-	-
*TSDA Transport and Support Services	-	0.25	-	31	24.4	217	7	-
*TSDA Transport and Support Services Sub-precinct	-	0.25	-	31	24.4	217	7	-

Table SC3.1.4 - Existing and projected residential dwellings

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected dwellings					
Location		2021	2026	2031	2036	2041	FDS
City to Pallarenda	Single dwelling	3,841	3,905	3,912	3,912	3,912	3,911
	Multiple dwelling	5,678	5,705	5,793	5,997	6,307	9,095
	Other dwelling	85	90	110	133	153	208
	Total	9,604	9,700	9,815	10,042	10,371	13,214
South Townsville	Single dwelling	2,543	2,543	2,543	2,543	2,543	2,522
	Multiple dwelling	1,759	1,766	1,789	1,844	1,929	3,289
	Other dwelling	21	21	21	21	21	13
	Total	4,323	4,330	4,353	4,408	4,493	5,824
Central Suburbs	Single dwelling	10,344	10,413	10,477	10,520	10,542	10,554
	Multiple dwelling	3,916	3,923	3,947	4,002	4,085	4,931
	Other dwelling	52	52	52	53	54	270
	Total	14,312	14,388	14,477	14,575	14,682	15,755
Bohle Mt Louisa	Single dwelling	3,609	3,825	4,160	4,537	4,932	6,406
	Multiple dwelling	212	215	224	247	280	510
	Other dwelling	69	71	79	90	101	166
	Total	3,890	4,111	4,463	4,873	5,313	7,082
Kirwan	Single dwelling	7,718	7,720	7,721	7,722	7,723	8,017
	Multiple dwelling	920	923	930	948	975	1,192
	Other dwelling	-	0	1	1	2	197
	Total	8,638	8,643	8,652	8,672	8,701	9,406
Bohle Plains	Single dwelling	1,546	2,179	3,035	3,833	4,489	5,068
	Multiple dwelling	27	27	27	27	27	352
	Other dwelling	8	8	8	8	8	1
	Total	1,581	2,215	3,071	3,869	4,524	5,421
Northern beaches	Single dwelling	7,137	7,828	9,382	11,719	13,845	15,947
	Multiple dwelling	199	200	223	313	441	942
	Other dwelling	0	2	11	23	34	100
	Total	7,337	8,030	9,616	12,055	14,320	16,989
North Rural	Single dwelling	-	-	-	-	-	-
	Multiple dwelling	-	-	-	-	-	-

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected dwellings					
Location		2021	2026	2031	2036	2041	FDS
	Other dwelling	-	-	-	-	-	-
	Total	-	-	-	-	-	-
South Rural	Single dwelling	-	-	-	-	-	-
	Multiple dwelling	-	-	-	-	-	-
	Other dwelling	-	-	-	-	-	-
	Total	-	-	-	-	-	-
Upper Ross	Single dwelling	6,405	6,511	6,698	6,922	7,185	8,704
	Multiple dwelling	497	504	534	607	723	2,533
	Other dwelling	-	-	-	-	-	1
	Total	6,902	7,014	7,233	7,529	7,907	11,238
Southern Suburbs	Single dwelling	9,383	9,485	9,596	9,722	9,856	10,411
	Multiple dwelling	1,242	1,247	1,263	1,302	1,364	4,028
	Other dwelling	76	77	84	94	106	532
	Total	10,701	10,808	10,942	11,117	11,326	14,971
Eastern Rural	Single dwelling	-	346	899	1,591	2,432	3,242
	Multiple dwelling	-	-	-	-	-	99
	Other dwelling	-	16	16	16	16	-
	Total	-	362	915	1,607	2,448	3,341
Magnetic Island	Single dwelling	1,153	1,153	1,154	1,154	1,154	1,780
	Multiple dwelling	239	239	239	239	239	986
	Other dwelling	20	20	20	20	20	1
	Total	1,412	1,413	1,413	1,413	1,414	2,767
Inside priority infrastructure area (total)	Single dwelling	53,680	55,908	59,576	64,174	68,613	76,561
	Multiple dwelling	14,689	14,749	14,970	15,526	16,369	27,958
	Other dwelling	332	357	402	459	516	1,489
	Total	68,701	71,014	74,949	80,159	85,499	106,008
Outside priority infrastructure area (total)	Single dwelling	8,856	9,567	10,164	10,589	10,984	28,588
	Multiple dwelling	45	46	51	60	80	1,952
	Other dwelling	170	176	176	176	176	2,596
	Total	9,071	9,789	10,391	10,825	11,240	33,135
	Single dwelling	62,536	65,475	69,740	74,763	79,598	105,149

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected dwellings					
Location		2021	2026	2031	2036	2041	FDS
Townsville City Council Local Government Area	Multiple dwelling	14,734	14,795	15,022	15,586	16,449	29,910
	Other dwelling	502	533	578	635	692	4,085
	Total	77,772	80,803	85,339	90,984	96,739	139,144

Table SC3.1.5 - Existing and projected non-residential floor space (m2 GFA)

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected non-residential floorspace					
Location		2021	2026	2031	2036	2041	FDS
City to Pallarenda	Retail	80,780	80,913	83,856	89,513	93,218	117,274
	Services	164,969	186,308	207,475	223,584	232,717	270,273
	Professional	161,872	165,394	182,636	202,364	215,920	252,101
	Industrial	145,152	145,390	150,678	160,844	167,502	210,726
	Other	10,290	10,310	10,310	10,310	10,310	14,849
	Total	563,062	588,314	634,954	686,615	719,666	865,223
South Townsville	Retail	34,540	35,031	35,032	35,032	35,032	45,761
	Services	44,451	55,435	66,067	81,063	101,133	128,177
	Professional	24,021	28,489	28,502	28,502	29,760	38,444
	Industrial	139,171	143,182	157,177	179,809	209,237	268,788
	Other	3,913	3,913	3,913	3,913	3,913	2,130
	Total	246,096	266,051	290,690	328,318	379,075	483,300
Central Suburbs	Retail	166,703	200,348	204,813	205,518	205,905	231,857
	Services	269,938	270,006	270,298	270,785	271,466	251,238
	Professional	58,524	58,524	58,524	58,524	58,524	58,425
	Industrial	172,646	172,355	172,355	172,355	172,355	182,877
	Other	1,116	1,116	1,116	1,116	1,116	1,381
	Total	668,927	702,350	707,106	708,298	709,366	725,778
Bohle Mt Louisa	Retail	180,353	179,692	183,991	196,306	211,731	232,013
	Services	77,572	77,654	77,670	77,698	77,741	84,760
	Professional	49,275	49,216	49,216	49,216	49,276	50,957
	Industrial	669,542	740,277	809,485	860,699	882,694	951,916
	Other	25,860	25,941	25,941	25,941	25,941	28,269

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected non-residential floorspace					
Location		2021	2026	2031	2036	2041	FDS
	Total	1,002,602	1,072,781	1,146,304	1,209,861	1,247,384	1,347,915
Kirwan	Retail	80,735	80,735	80,735	80,735	80,735	52,922
	Services	109,546	109,628	109,872	110,280	110,863	87,024
	Professional	23,323	29,295	39,257	43,218	43,218	50,915
	Industrial	49,839	49,839	49,839	49,839	49,839	33,237
	Other	-	-	-	-	-	-
	Total	263,443	269,496	279,703	284,071	284,655	224,098
Bohle Plains	Retail	-	-	16	54	253	45,837
	Services	7,289	7,403	7,403	7,403	7,403	20,558
	Professional	1,034	1,376	1,381	1,381	3,754	14,944
	Industrial	34,927	36,563	36,574	36,574	36,574	109,701
	Other	619	619	619	619	619	314
	Total	43,869	45,962	45,993	46,031	48,603	191,353
Northern beaches	Retail	38,001	37,648	37,718	37,781	37,957	52,709
	Services	42,396	42,715	42,715	42,715	42,715	45,593
	Professional	5,742	5,680	5,680	5,680	8,965	16,682
	Industrial	25,773	25,774	25,774	25,774	25,774	25,552
	Other	402	412	412	412	412	915
	Total	112,313	112,229	112,300	112,363	115,823	141,451
North Rural	Retail	-	-	-	-	-	-
	Services	-	-	-	-	-	-
	Professional	-	-	-	-	-	-
	Industrial	-	-	-	-	-	-
	Other	-	-	-	-	-	-
	Total	-	-	-	-	-	-
South Rural	Retail	-	-	-	-	-	-
	Services	-	-	-	-	-	-
	Professional	-	-	-	-	-	-
	Industrial	-	3,028	12,112	27,252	48,448	183,195
	Other	-	-	-	-	-	-
	Total	-	3,028	12,112	27,252	48,448	183,195
Upper Ross	Retail	16,232	16,136	16,136	16,136	16,136	32,379

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected non-residential floorspace					
Location		2021	2026	2031	2036	2041	FDS
	Services	46,021	46,104	46,104	46,104	46,104	54,421
	Professional	8,880	8,860	8,860	8,860	9,002	11,304
	Industrial	48,367	48,367	48,367	48,367	48,367	42,043
	Other	462	463	463	463	463	887
	Total	119,961	119,930	119,930	119,930	120,072	141,034
Southern Suburbs	Retail	57,682	67,211	97,885	120,883	123,531	139,800
	Services	282,700	318,873	349,883	379,271	407,035	546,641
	Professional	113,747	121,910	125,716	131,442	138,854	194,666
	Industrial	234,499	246,396	258,105	292,988	362,084	451,098
	Other	5,387	5,804	5,804	5,804	5,804	13,664
	Total	694,014	760,194	837,393	930,388	1,037,309	1,345,868
Eastern Rural	Retail	-	-	288	3,914	27,242	29,875
	Services	777	777	853	920	926	1,916
	Professional	194	194	255	255	255	452
	Industrial	600	599	645	645	645	2,656
	Other	332	332	332	332	332	641
	Total	1,902	1,903	2,374	6,067	29,401	35,540
Magnetic Island	Retail	6,785	6,779	6,779	6,779	6,779	9,377
	Services	10,641	10,641	10,641	10,641	10,641	17,225
	Professional	3,163	3,154	3,154	3,154	3,373	7,028
	Industrial	9,649	9,650	9,650	9,650	9,650	10,581
	Other	297	297	297	297	297	182
	Total	30,536	30,521	30,521	30,521	30,740	44,393
Inside priority infrastructure area (total)	Retail	661,811	704,493	747,249	792,653	838,520	989,804
	Services	1,056,300	1,125,546	1,188,983	1,250,464	1,308,745	1,507,828
	Professional	449,776	472,091	503,181	532,596	560,901	695,917
	Industrial	1,530,163	1,621,419	1,730,759	1,864,796	2,013,167	2,472,370
	Other	48,677	49,208	49,208	49,208	49,208	63,231
	Total	3,746,726	3,972,757	4,219,380	4,489,716	4,770,541	5,729,149
Outside priority infrastructure area (total)	Retail	12,551	13,340	13,446	14,268	14,268	83,731
	Services	29,247	29,286	29,325	29,329	29,329	71,339
	Professional	8,036	8,044	8,077	8,077	8,122	13,469

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected non-residential floorspace					
Location		2021	2026	2031	2036	2041	FDS
	Industrial	107,293	107,624	107,806	107,878	107,896	231,274
	Other	13,167	23,861	35,571	48,756	62,434	120,267
	Total	170,294	182,155	194,225	208,308	222,050	520,080
Townsville City Council Local Government Area	Retail	674,362	717,834	760,694	806,921	852,788	1,073,535
	Services	1,085,547	1,154,832	1,218,308	1,279,792	1,338,074	1,579,166
	Professional	457,812	480,135	511,258	540,673	569,023	709,387
	Industrial	1,637,455	1,729,043	1,838,565	1,972,674	2,121,064	2,703,644
	Other	61,844	73,069	84,779	97,964	111,643	183,497
	Total	3,917,021	4,154,912	4,413,605	4,698,024	4,992,591	6,249,230

Table SC3.1.6 - Existing and projected education enrolments

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected enrolments					
Location		2021	2026	2031	2036	2041	FDS
City to Pallarenda	Pre & primary	1,300	1,279	1,237	1,256	1,270	1,390
	Secondary	1,442	1,302	1,310	1,357	1,404	1,483
	Tertiary	-	-	-	-	-	-
	Total	2,742	2,581	2,547	2,614	2,675	2,873
South Townsville	Pre & primary	305	292	274	280	286	332
	Secondary	842	833	795	828	857	875
	Tertiary	-	-	-	-	-	-
	Total	1,147	1,125	1,069	1,107	1,142	1,207
Central Suburbs	Pre & primary	5,657	5,797	5,576	5,678	5,652	6,487
	Secondary	4,756	5,083	4,953	5,108	5,254	5,693
	Tertiary	1,081	1,100	1,100	1,100	1,100	1,100
	Total	11,494	11,980	11,628	11,886	12,006	13,280
Bohle Mt Louisa	Pre & primary	542	627	623	644	1,078	1,358
	Secondary	438	355	360	377	393	440
	Tertiary	1,053	1,095	1,123	1,165	1,214	1,425
	Total	2,033	2,077	2,106	2,185	2,685	3,223
Kirwan	Pre & primary	2,507	2,535	2,512	2,612	2,675	2,725
	Secondary	3,155	2,971	2,810	2,854	2,890	3,102
	Tertiary	-	-	-	-	-	-

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected enrolments					
Location		2021	2026	2031	2036	2041	FDS
	Total	5,662	5,506	5,322	5,466	5,566	5,827
Bohle Plains	Pre & primary	399	58	113	172	234	624
	Secondary	-	121	156	198	244	555
	Tertiary	-	-	-	-	-	-
	Total	399	179	268	370	478	1,179
Northern beaches	Pre & primary	2,217	1,810	2,659	2,956	3,263	4,539
	Secondary	915	963	1,507	1,753	2,063	3,212
	Tertiary	-	-	-	-	-	-
	Total	3,132	2,773	4,166	4,709	5,327	7,750
North Rural	Pre & primary	-	-	-	-	-	-
	Secondary	-	-	-	-	-	-
	Tertiary	-	-	-	-	-	-
	Total	-	-	-	-	-	-
South Rural	Pre & primary	-	-	-	-	-	-
	Secondary	-	-	-	-	-	-
	Tertiary	-	-	-	-	-	-
	Total	-	-	-	-	-	-
Upper Ross	Pre & primary	1,971	2,004	1,936	2,003	2,062	2,692
	Secondary	844	1,036	1,018	1,080	1,132	1,447
	Tertiary	-	-	-	-	-	-
	Total	2,815	3,041	2,954	3,083	3,195	4,139
Southern Suburbs	Pre & primary	2,918	3,022	2,943	2,915	2,969	3,370
	Secondary	1,905	1,458	1,434	1,528	1,469	2,005
	Tertiary	11,676	12,155	12,484	12,971	13,507	16,864
	Total	16,499	16,635	16,861	17,415	17,944	22,240
Eastern Rural	Pre & primary	-	111	3	348	460	1,558
	Secondary	-	-	-	-	188	934
	Tertiary	-	-	-	-	-	-
	Total	-	111	3	348	648	2,492
Magnetic Island	Pre & primary	146	121	110	109	108	140
	Secondary	-	-	-	-	-	-

Column 1	Column 2	Column 3					
Projection area	LGIP development type	Existing and projected enrolments					
Location		2021	2026	2031	2036	2041	FDS
	Tertiary	-	-	-	-	-	-
	Total	146	121	110	109	108	140
Inside priority infrastructure area (total)	Pre & primary	17,962	17,656	17,985	18,973	20,058	25,216
	Secondary	14,297	14,122	14,341	15,083	15,895	19,745
	Tertiary	13,810	14,349	14,707	15,236	15,821	19,389
	Total	46,069	46,128	47,034	49,292	51,774	64,351
Outside priority infrastructure area (total)	Pre & primary	1,232	1,203	1,185	1,206	1,221	1,277
	Secondary	718	630	655	702	751	980
	Tertiary	-	-	-	-	-	-
	Total	1,950	1,833	1,841	1,908	1,972	2,257
Townsville City Council Local Government Area	Pre & primary	19,194	18,859	19,171	20,179	21,279	26,493
	Secondary	15,015	14,753	14,997	15,786	16,646	20,725
	Tertiary	13,810	14,349	14,707	15,236	15,821	19,389
	Total	48,019	47,961	48,875	51,200	53,746	66,608

Table SC3.1.7 - Existing and projected demand for the water network

Column 1	Column 2					
Service Catchment	Water supply demand (EP)					
	2021	2026	2031	2036	2041	FDS
Central	276,140	287,847	304,504	324,526	344,705	463,635
Cungulla	643	643	643	643	643	839
Magnetic Island	4,313	4,293	4,286	4,291	4,297	7,679
Paluma	11	13	17	30	41	63
Lansdown	-	35	139	314	558	2,110
Total	281,108	292,831	309,590	329,803	350,244	474,325

Table SC3.1.8 - Existing and projected demand for the sewerage network

Column 1	Column 2					
Service Catchment	Sewerage demand (EP)					
	2021	2026	2031	2036	2041	FDS
Central	87,566	91,127	96,333	102,861	109,428	147,696
Picnic Bay	682	681	681	681	683	1,410
Horseshoe Bay	292	292	292	292	293	702
Mystic Sands	20	26	35	38	38	44
Toomulla	154	160	172	204	233	272
Total	88,713	92,285	97,512	104,076	110,674	150,124

Table SC3.1.9 - Existing and projected demand for the transport network

Column 1	Column 2					
Service Catchment	Roads demand (Trip ends/d)					
	2021	2026	2031	2036	2041	FDS
Central	1,088,978	1,140,049	1,205,756	1,280,989	1,356,273	1,762,697
Magnetic Island	11,584	11,526	11,505	11,513	11,569	19,612
Rural	40,487	44,142	48,084	53,164	58,166	93,947
Lansdown	-	196	784	1,763	3,134	11,852
Total	1,141,050	1,195,912	1,266,128	1,347,429	1,429,142	1,888,108

Table SC3.1.10 - Existing and projected demand for the pathways and cycleways network

Column 1	Column 2					
Service Catchment	Pathways and cycleways demand (Trip ends/d)					
	2021	2026	2031	2036	2041	FDS
Urban	41,789	43,490	45,885	48,829	51,792	62,008
Non-urban	460	511	516	520	524	6,926
Total	42,249	44,001	46,401	49,349	52,316	68,934

Table SC3.1.11 - Existing and projected demand for the public parks network

Column 1	Column 2					
Service Catchment	Public parks demand (ERP)					
	2021	2026	2031	2036	2041	FDS
Urban	171,217	182,991	190,601	201,860	214,971	264,711
Non-urban	24,134	27,013	28,231	28,965	30,012	87,679
Total	195,351	210,005	218,832	230,824	244,983	352,390

SC3.2 Schedules of works

1. Details relating to the existing and future trunk infrastructure networks are identified in the electronic Excel [schedule of works model](#).
2. The future trunk infrastructure, derived from the SOW model, is summarised in the following tables:
 - a. for the water supply network, table sc3.2.1
 - b. for the sewerage network, table sc3.2.2
 - c. for the roads network, table sc3.2.3
 - d. for the pathways and cycleways network, table sc3.2.4
 - e. for the public parks network, table sc3.2.5

Table SC3.2.1 Water supply network Schedule of works summary

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
Water Mains					
389	Cosgrove - Bayswater Rd Extension	Distribution Main	375	2027	1,485,673
363	Northshore (Balance) - Stage 1	Distribution Main	375	2027	1,913,587
257	Northshore (Balance) - Stage 1	Distribution Main	300	2027	948,730
668	Orchard Estate Network	Distribution Main	300	2027	2,422,378
670	Orchard Estate Network	Transfer Main (Service)	250	2027	722,570
669	Orchard Estate Network	Transfer Main (Service)	250	2027	645,253
667	Orchard Estate Network	Distribution Main	300	2027	269,375
643	Alice River Capacity Upgrade	Distribution Main	300	2028	8,026,709
644	Alice River Capacity Upgrade	Distribution Main	300	2028	5,291,758
645	Alice River Capacity Upgrade	Distribution Main	300	2028	3,445,805
269	Beck Drive Water Main - Stage 1	Distribution Main	500	2028	4,196,347
252	Beck Drive Water Main - Stage 1	Distribution Main	450	2028	3,356,539
311	Beck Drive Water Main - Stage 1	Distribution Main	500	2028	6,641,871
317	Bottom City to Strand	Distribution Main	500	2028	4,033,216
381	Bottom City to Strand	Distribution Main	500	2028	2,643,077
315	Breakwater Marina	Distribution Main	300	2028	1,621,156
768	Lansdown Water Network	Transfer Main (Raw/Service)	900	2028	48,744,000
304	Riverparks Network	Distribution Main	300	2028	792,528
426	Riverstone Connection (Bluewattle Ave Extension)	Distribution Main	300	2028	366,995
253	Riverstone Connections	Distribution Main	200	2028	243,248
280	Sanctum West	Distribution Main	450	2028	5,469,738
251	Santal Drive Extension	Distribution Main	300	2028	744,489
318	Waterfront PDA Network	Distribution Main	500	2030	2,444,415
664	Echlin St Reservoir Connections	Transfer Main (Service)	750	2028	2,673,464
663	Echlin St Reservoir Connections	Distribution Main	500	2029	1,269,609
730	Brendale Extension	Distribution Main	300	2029	535,044
661	Elliot Springs - Alligator Creek Duplication	Distribution Main	300	2030	4,349,158
742	Elliot Springs network (stg 2)	Distribution Main	500	2030	1,039,217
741	Elliot Springs network (stg 2)	Distribution Main	500	2030	741,890

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
739	Elliot Springs network (stg 2)	Transfer Main (Service)	375	2030	11,506,462
259	Kingston Park - Wetherby Drive Extension (stg 1)	Distribution Main	200	2030	428,811
299	Mount Low Development - South Connection	Distribution Main	300	2030	139,301
256	Northshore - Synnove Drive Extension	Distribution Main	375	2030	1,505,343
407	Northshore (Balance) - Stage 2	Distribution Main	500	2030	2,458,325
410	Northshore (Balance) - Stage 2	Distribution Main	375	2030	965,404
409	Northshore (Balance) - Stage 2	Distribution Main	375	2030	665,448
362	Northshore (Balance) - Stage 3	Distribution Main	450	2030	4,663,715
303	Northshore (Balance) - Stage 3	Distribution Main	600	2030	3,477,087
277	Pallarenda Duplicate Main	Distribution Main	300	2030	15,139,763
640	Shaw reservoirs & delivery mains (Stg 1)	Distribution Main	750	2030	5,907,900
393	Shaw reservoirs & delivery mains (Stg 1)	Distribution Main	900	2030	12,893,737
392	Shaw reservoirs & delivery mains (Stg 1)	Transfer Main (Service)	750	2030	8,900,856
394	Shaw reservoirs & delivery mains (Stg 1)	Distribution Main	300	2030	317,312
406	Shaw reservoirs and delivery mains (stg 2)	Distribution Main	750	2031	15,851,485
405	Shaw reservoirs and delivery mains (stg 2)	Distribution Main	750	2031	8,799,395
396	Shaw reservoirs and delivery mains (stg 2)	Distribution Main	750	2031	6,507,806
417	Shaw reservoirs and delivery mains (stg 2)	Distribution Main	600	2031	8,681,792
424	Southern WTP & network (stg 1)	Transfer Main (Supply)	600	2031	28,890,923
272	Burdell - Yalbira Dr Extension	Distribution Main	250	2032	642,630
404	Kingston Park - Northshore Connection (stg 2)	Distribution Main	500	2032	1,388,444
403	Kingston Park - Northshore Connection (stg 2)	Distribution Main	500	2032	1,562,535
398	Kingston Park - Wetherby Drive Extension (stg 2)	Distribution Main	250	2032	588,709
648	Mt Stuart Reservoir Network Upgrade	Distribution Main	500	2032	4,902,992
647	Mt Stuart Reservoir Network Upgrade	Distribution Main	750	2032	6,257,969
642	Perkins St Upgrade	Distribution Main	300	2032	2,096,846
641	Perkins St Upgrade	Distribution Main	300	2032	1,709,838
755	Southern WTP & network (stg 2)	Distribution Main	750	2032	14,712,248
754	Southern WTP & network (stg 2)	Distribution Main	750	2032	13,401,486
757	Southern WTP & network (stg 2)	Distribution Main	900	2032	12,201,895
653	Neil McCarthy Park Connection	Distribution Main	300	2033	600,639
413	Northshore (Balance) - Stage 3	Distribution Main	375	2033	2,244,044
750	Greater Ascot - Kalynda Chase Distribution Main	Distribution Main	375	2034	3,779,426
377	Sooning St Upgrade	Transfer Main (Service)	200	2035	2,075,864
356	Alligator Ck network	Distribution Main	150	2036	2,374,353
378	Arcadia Network Upgrade	Transfer Main (Service)	200	2036	3,798,680
654	Ponti Rd reservoir and water network- stg 2	Distribution Main	600	2040	14,466,221
276	Balgol Beach Network Upgrade	Distribution Main	300	2041	5,894,880

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
268	Balgall Beach Network Upgrade	Distribution Main	200	2041	3,614,665
437	Dalrymple Rd - Bohle River Crossing	Distribution Main	300	2041	6,560,623
255	Kingston Park - Northshore Connection (stg 3)	Distribution Main	500	2041	998,830
636	North Ward	Distribution Main	300	2041	8,317,188
411	Northshore (Balance) - Stage 4	Distribution Main	250	2041	1,306,854
412	Northshore (Balance) - Stage 4	Distribution Main	375	2041	760,236
756	Southern WTP & network (stg 3)	Distribution Main	1,800	2041	90,210,592
414	Mount Low Developments - Post 2041	Distribution Main	300	2042	1,222,803
766	Riverway Drive Watermain	Distribution Main	375	2042	12,175,312
281	Shaw Industrial	Distribution Main	300	2042	1,455,671
281	Shaw Industrial	Distribution Main	250	2042	935,317
278	Shaw Industrial	Distribution Main	300	2042	1,354,833
391	Shaw reservoirs & delivery mains (Stg 3)	Distribution Main	750	2042	43,962,942
287		Distribution Main	300	2042	1,815,741
374	Horseshoe Bay Reservoir Upgrade	Transfer Main (Service)	200	2046	2,844,863
290	Mount Low Developments - Post 2041	Distribution Main	500	2046	1,657,452
293	Mount Low Developments - Post 2041	Distribution Main	300	2046	1,494,447
291	Mount Low Developments - Post 2041	Distribution Main	375	2046	782,760
292	Mount Low Developments - Post 2041	Distribution Main	300	2046	706,670
283	Bluewater Park Reservoir Link	Distribution Main	375	2051	19,093,856
634	Bluewater Park Reservoir Link	Distribution Main	300	2051	11,516,458
282	Bluewater Park Reservoir Link	Distribution Main	200	2051	6,606,849
740	Elliot Springs network (stg 4)	Distribution Main	600	2051	20,756,618
Water - Other					
1725	Shaw reservoirs & delivery mains (Stg 1)	Control Valve		2027	\$272,255
1726	Shaw reservoirs & delivery mains (Stg 1)	Control Valve		2027	\$272,255
1011	Orchard Estate network (Stg 1)	Water Pump Station	1	2027	\$1,298,163
1727	Lansdown Water Network	Water Pump Station		2028	\$29,301,000
1728	Lansdown Water Network	Dam		2028	\$51,472,000
2139	Elliot Springs network (stg 2)- Reservoir	Reservoir	10	2028	\$10,731,469
1010	Orchard Estate network (Stg 1)	Reservoir	6	2028	\$7,417,445
2137	Elliot Springs network (stg 2)	Water Pump Station	6	2029	\$1,025,634
2076	Echlin Street Reservoir	Reservoir	31	2029	\$26,198,780
2101	Ponti Rd reservoir and water network- stg 1	Chlorinator	10	2030	\$225,991
2093	Northern Tank Farm (Stg 1)	Reservoir	40	2030	\$33,402,543
2151	Southern WTP & network (stg 1)	Water Treatment Plant		2031	\$340,013,718
2136	Brookhill Reservoir (stg 1)	Reservoir	35	2031	\$29,081,703
2165	Haughton - Claire Weir Pump Station	Water Pump Station		2032	\$0.00
2121	Mount Stuart Reservoir	Reservoir	40	2032	\$35,697,769
2046	Ponti Rd reservoir and water network- stg 1	Reservoir	35	2032	\$31,083,568

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
2006	Douglas WTP expansions	Water Treatment Plant	40	2034	\$185,475,971
2079	Alligator Ck network	Reservoir	1	2036	\$3,130,811
2080	Alligator Ck network	Water Pump Station	2	2036	\$571,136
2058	Southern Water Treatment Plant (Stage 2)	Water Treatment Plant	41	2041	\$219,230,172
2075	Brookhill Reservoir (stg 2)	Reservoir	35	2042	\$32,418,144
2163	Rupertswood network	Water Pump Station		2042	\$2,288,976
2117	Belgian Gardens - North Ward upgrade (stg 2)	Reservoir	40	2042	\$37,555,319
2090	Horseshoe Bay Reservoir	Reservoir	2	2042	\$4,013,187
2094	Northern Tank Farm (Stg 2)	Reservoir	40	2042	\$37,227,920
2095	Northern Tank Farm (stg 3)	Reservoir	40	2042	\$37,227,920
2138	Elliot Springs network (stg 4)	Reservoir	5	2051	\$7,752,739
2096	Northern Tank Farm (Stg 3)	Reservoir	40	2051	\$38,758,070
1012	Balgol Beach network	Reservoir	4	2051	\$6,437,704
Total					\$1,778,177,806

Table SC3.2.2 Sewerage network Schedule of works summary

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
Gravity Mains					
289		Gravity Main	375	2027	\$2,796,720
408	Cosgrove	Gravity Main	300	2027	\$827,665
457	North Shore Precinct 7 - Stage 2	Gravity Main	300	2027	\$878,672
464	Mt. Low Developments (Residential Estate)- Stage 2	Gravity Main	225	2028	\$418,842
311	Cosgrove	Gravity Main	225	2029	\$739,557
461	PS WD2 diversion, Deeragun	Gravity Main	375	2029	\$3,648,007
228		Gravity Main	300	2031	\$724,083
247	Sanctum West - Stage 2	Gravity Main	450	2031	\$1,166,166
268	Sanctum West - Stage 2	Gravity Main	300	2031	\$843,937
403	Mt. Low Developments (Residential Estate)- Stage 3	Gravity Main	450	2031	\$2,041,421
418	Sanctum West - Stage 2	Gravity Main	450	2031	\$1,727,939
448	Rasmussen trunk duplication	Gravity Main	600	2031	\$12,816,778
458	Mt. Low Developments (Residential Estate)- Stage 3	Gravity Main	375	2031	\$1,290,238
459	PS 6 Upgrade - Parkes St to Philp St	Gravity Main	375	2032	\$125,622
426	Elliot Springs, Julago	Gravity Main	300	2033	\$1,877,464
460	Elliot Springs, Julago - Stage 3	Gravity Main	450	2033	\$8,905,663
288		Gravity Main	300	2035	\$1,552,229
456	North Shore Precinct 7 - Stage 5	Gravity Main	300	2035	\$1,898,253
229	Brendale estate, Deeragun (PS WD9)	Gravity Main	225	2036	\$497,281
230	Brendale estate, Deeragun (PS WD9)	Gravity Main	225	2036	\$495,495
235	Greater Ascot, south	Gravity Main	300	2036	\$1,291,329
236	Greater Ascot, south	Gravity Main	375	2036	\$1,081,721
237	Greater Ascot, south	Gravity Main	300	2036	\$1,182,287
238	Greater Ascot, south	Gravity Main	450	2036	\$1,007,132
273	PS C6B (Vickers Rd) Diversion - Decommissioning to PS C36B	Gravity Main	225	2036	\$0
286		Gravity Main	525	2036	\$4,368,181
298	Brendale estate, Deeragun (PS WD9)	Gravity Main	450	2036	\$571,794
407	Thuringowa Central (PS K12 Diversion)	Gravity Main	225	2036	\$1,091,668
416	Aurizon trunk sewer realignment	Gravity Main	450	2036	\$0
445	The Village, Oonoonba	Gravity Main	225	2036	\$1,145,273
446	The Village, Oonoonba	Gravity Main	300	2036	\$31,199

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
447	The Village, Oonoonba	Gravity Main	375	2036	\$38,267
453	Aurizon trunk sewer realignment	Gravity Main	450	2036	\$7,167,019
454	Mt. Low Developments (Residential Estate)- Stage 4	Gravity Main	300	2036	\$767,953
406	Mt. Low Developments (Residential Estate)- Stage 5	Gravity Main	225	2038	\$1,025,054
451	Elliot Springs, Julago - Stage 4	Gravity Main	600	2038	\$6,645,199
455	North Shore Precinct 7 - Stage 7	Gravity Main	300	2038	\$1,566,219
231	Brendale estate, Deeragun (PS WD9)	Gravity Main	300	2041	\$1,059,430
232	Brendale estate, Deeragun (PS WD9)	Gravity Main	375	2041	\$802,355
427	Elliot Springs, Julago - Stage 5	Gravity Main	600	2041	\$3,615,316
452	Elliot Springs, Julago - Stage 5	Gravity Main	600	2041	\$14,128,514
321	Rasmussen trunk duplication	Gravity Main	600	2042	\$8,090,879
322	Rasmussen trunk duplication	Gravity Main	600	2042	\$8,052,786
326	Bohle USL	Gravity Main	300	2042	\$3,454,643
404	Mt. Low Developments (Residential Estate)- Stage 7	Gravity Main	300	2044	\$714,495
276	Liberty Rise, Mt Louisa	Gravity Main	225	2046	\$1,356,974
328	Kirwan Sewer Upgrade	Gravity Main	600	2046	\$10,442,091
405	Mt. Low Developments (Residential Estate)- Stage 8	Gravity Main	225	2046	\$816,717
443	Ogden St Upgrade	Gravity Main	375	2046	\$849,512
8	PS WD2 diversion, Deeragun	Gravity Main	300	2051	\$146,568
212	Bohle USL	Gravity Main	675	2051	\$8,481,412
213	Bohle USL	Gravity Main	600	2051	\$4,300,048
214	Bohle USL	Gravity Main	300	2051	\$1,169,232
215	Bohle USL	Gravity Main	450	2051	\$6,379,371
216	Bohle USL	Gravity Main	375	2051	\$3,415,691
217	Bohle USL	Gravity Main	300	2051	\$3,332,945
218	Bohle USL	Gravity Main	225	2051	\$1,562,792
219	Bohle USL	Gravity Main	375	2051	\$6,314,369
220	Bohle USL	Gravity Main	375	2051	\$2,196,006
221	Bohle USL	Gravity Main	300	2051	\$2,825,953
222	Bohle USL	Gravity Main	300	2051	\$1,278,854
223	Bohle USL	Gravity Main	375	2051	\$2,608,400
224	Bohle USL	Gravity Main	300	2051	\$1,736,641
225	Bohle USL	Gravity Main	450	2051	\$3,968,023
226	Bohle USL	Gravity Main	300	2051	\$2,670,293
227	PSWB6 Diversion - Marina Dve, Bushland Beach	Gravity Main	225	2051	\$957,062
248	Sanctum West - Stage 3	Gravity Main	375	2051	\$1,969,315
249	Sanctum West - Stage 3	Gravity Main	225	2051	\$393,318
250	Sanctum West - Stage 3	Gravity Main	225	2051	\$383,841
251	Sanctum West - Stage 3	Gravity Main	225	2051	\$460,406
252	Sanctum West - Stage 3	Gravity Main	225	2051	\$826,839
253	Sanctum West - Stage 3	Gravity Main	225	2051	\$850,091
254	Sanctum West - Stage 3	Gravity Main	225	2051	\$565,653
292	Sanctum West - Stage 3	Gravity Main	600	2051	\$2,508,706
293	Sanctum West - Stage 3	Gravity Main	500	2051	\$2,612,108
294	Sanctum West - Stage 3	Gravity Main	300	2051	\$1,224,663
295	Sanctum West - Stage 3	Gravity Main	600	2051	\$2,184,957
307	Bohle USL	Gravity Main	675	2051	\$1,277,327
323	Bohle USL	Gravity Main	300	2051	\$1,466,738
324	Bohle USL	Gravity Main	375	2051	\$3,936,545
325	Bohle USL	Gravity Main	450	2051	\$5,127,526
419	Sanctum West - Stage 3	Gravity Main	225	2051	\$355,827
428	Elliot Springs, Julago - Stage 6	Gravity Main	375	2051	\$428,638
429	Elliot Springs, Julago - Stage 6	Gravity Main	300	2051	\$1,170,573
430	Elliot Springs, Julago - Stage 6	Gravity Main	300	2051	\$1,211,784
431	Elliot Springs, Julago - Stage 6	Gravity Main	300	2051	\$1,062,433
432	Elliot Springs, Julago - Stage 6	Gravity Main	450	2051	\$3,572,948
433	Elliot Springs, Julago - Stage 6	Gravity Main	375	2051	\$2,196,103
434	Elliot Springs, Julago - Stage 6	Gravity Main	375	2051	\$3,229,525
435	Elliot Springs, Julago - Stage 6	Gravity Main	450	2051	\$4,584,132
436	Elliot Springs, Julago - Stage 6	Gravity Main	300	2051	\$2,265,610
440	Elliot Springs, Julago - Stage 6	Gravity Main	300	2051	\$2,227,128

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
Rising Mains					
1253	Greater Ascot, residential (PS BP08)	Rising Main	150	2027	\$603,869
1433	PS C6B (Vickers Rd) Diversion - PS C6B to Dalrymple Rd	Rising Main	600	2027	\$25,036,839
1447	Ross River Rd Rising Main Diversion (Balls Lane)	Rising Main	750	2027	\$637,188
1142	PS 13A Upgrade (Ooonoonba)	Rising Main	225	2028	\$712,154
1393	EOPM Replacement	Rising Main	600	2028	\$2,998,654
1393	EOPM Replacement	Rising Main	675	2028	\$16,490,791
1415	Elliot Springs, Julago - Stage 2	Rising Main	250	2028	\$652,657
1037	PSA11C Relocation (53 Douglas St, Garbutt)	Rising Main	100	2029	\$0
1174	PS WD1 Upgrade, Deeragun	Rising Main	200	2029	\$0
1198	PS WD2 diversion, Deeragun	Rising Main	100	2029	\$0
1244	PS WD1 Upgrade, Deeragun	Rising Main	300	2029	\$2,282,718
1256	PS C6B (Vickers Rd) Diversion - Everett St to Mt. St. John WWTP	Rising Main	750	2029	\$18,284,760
1260	PS WD1 Upgrade, Deeragun	Rising Main	375	2029	\$1,690,409
1322	PSA11C Relocation (53 Douglas St, Garbutt)	Rising Main	100	2029	\$122,226
1355	Cosgrove	Rising Main	150	2029	\$227,895
1356	Cosgrove	Rising Main	100	2029	\$39,730
1452	Ross River Rd Rising Main Diversion (PS 9B diversion)	Rising Main	300	2029	\$2,032,094
1305	Liberty Rise, Mt Louisa	Rising Main	150	2030	\$212,851
1309	PS A1A Upgrade (Breakwater Island)	Rising Main	200	2030	\$1,037,458
1369	Riverside Ridge, Douglas (PS SA10A diversion)	Rising Main	200	2030	\$1,065,479
1289	Sanctum West - Stage 2	Rising Main	100	2031	\$62,070
1321	PS P1A diversion, Pallarenda	Rising Main	100	2031	\$1,811,973
1325	PS P1A diversion, Pallarenda	Rising Main	225	2031	\$10,772,528
1345	North Shore Precinct 7 - Stage 3	Rising Main	100	2031	\$165,778
1383	PS C6B (Vickers Rd) Diversion - Dalrymple Rd to Everett St.	Rising Main	600	2031	\$36,886,745
1442	Mt. Low Developments (Residential Estate)- Stage 3	Rising Main	150	2031	\$40,107
1451	PS 6 Upgrade - Parkes St to Philp St	Rising Main	300	2032	\$3,325,429
1055	Louisa Creek sewer rising main extension	Rising Main	300	2033	\$3,763,526
1365	Elliot Springs, Julago - Stage 3	Rising Main	400	2033	\$4,107,978
1434	North Shore Precinct 7 - Stage 4	Rising Main	100	2033	\$173,422
1294	Northern Common Pressure Main - North Shore Boulevard Stage 1	Rising Main	600	2035	\$12,138,119
1430	North Shore Precinct 7 - Stage 5	Rising Main	375	2035	\$243,764
1035	Bohle Industrial Estate diversion (PS LD18A divers	Rising Main	110	2036	\$0
1222	PS C6B (Vickers Rd) - Mount Saint John WWTP Diversion	Rising Main	200	2036	\$693,419
1224	PS C6B (Vickers Rd) Diversion - Decommissioning to PS C36B	Rising Main	225	2036	\$0
1238	Brendale estate, Deeragun (PS WD3)	Rising Main	150	2036	\$228,394
1247	Kingston Park (Mt Low & Burdell)	Rising Main	200	2036	\$1,940,752
1255	Greater Ascot, South	Rising Main	150	2036	\$111,477
1261	Kingston Park (Mt Low & Burdell)	Rising Main	150	2036	\$960,530
1417	Mt. Low Developments (Residential Estate)- Stage 4	Rising Main	375	2036	\$529,573
1425	The Village, Ooonoonba	Rising Main	100	2036	\$55,650
1437	North Shore Precinct 7 - Stage 6	Rising Main	300	2036	\$664,369
1022	Ross River Rd Rising Main Diversion (WOPM diversion, Rosslea)	Rising Main	900	2038	\$0
1038	Ross River Rd Rising Main Diversion (PS 10A Diversion)	Rising Main	150	2038	\$0
1061	Ross River Rd Rising Main Diversion (RRRd main)	Rising Main	600	2038	\$0
1062	Ross River Rd Rising Main Diversion (RRRd main)	Rising Main	750	2038	\$22,067,589
1063	Ross River Rd Rising Main Diversion (PS 9E Diversion)	Rising Main	225	2038	\$0
1101	Ross River Rd Rising Main Diversion (PS 9C diversion)	Rising Main	225	2038	\$0
1149	Ross River Rd Rising Main Diversion (PS 9D Diversion)	Rising Main	225	2038	\$0
1407	Elliot Springs, Julago - Stage 4	Rising Main	500	2038	\$26,477,981
1435	Ross River Rd Rising Main Diversion (Western Suburbs)	Rising Main	900	2038	\$12,122,308

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
1435	Ross River Rd Rising Main Diversion (Mindham drain)	Rising Main	600	2038	\$4,063,133
1440	Ross River Rd Rising Main Diversion (PS 9C diversion)	Rising Main	300	2038	\$2,420,225
1444	Ross River Rd Rising Main Diversion (PS 9E diversion)	Rising Main	400	2038	\$1,580,222
1448	Ross River Rd Rising Main Diversion (PS 9D diversion)	Rising Main	300	2038	\$1,698,496
1453	Ross River Rd Rising Main Diversion (DN750 diversion)	Rising Main	750	2038	\$4,358,914
1053	Ross River Rd Rising Main Diversion (Anne St)	Rising Main	225	2041	\$0
1058	Ross River Rd Rising Main Diversion (Anne St)	Rising Main	300	2041	\$0
1060	Ross River Rd Rising Main Diversion (Anne St)	Rising Main	525	2041	\$0
1116	Ross River Rd Rising Main Diversion (Anderson Gardens)	Rising Main	600	2041	\$11,048,222
1147	Ross River Rd Rising Main Diversion (PS 9G Diversion)	Rising Main	225	2041	\$0
1201	Thuringowa Central (PS K12 Diversion)	Rising Main	250	2041	\$2,118,910
1202	Thuringowa Central (PS K12 Diversion)	Rising Main	200	2041	\$0
1239	Brendale estate, Deeragun (PS WD9)	Rising Main	150	2041	\$216,982
1259	PS WD7, Deeragun	Rising Main	100	2041	\$267,993
1315	Railway Estate Precinct	Rising Main	200	2041	\$565,588
1346	North Shore Precinct 7 - Stage 8	Rising Main	100	2041	\$261,768
1366	Elliot Springs, Julago - Stage 5	Rising Main	450	2041	\$5,266,502
1394	Greater Ascot	Rising Main	300	2041	\$1,567,943
1395	Ross River Rd Rising Main Diversion (PS 9F Diversion)	Rising Main	150	2041	\$0
1400	PS SA18A diversion	Rising Main	200	2041	\$180,860
1412	TSDA	Rising Main	150	2041	\$669,252
1422	Northern Common Pressure Main - North Shore Boulevard Stage 2	Rising Main	600	2041	\$14,818,105
1428		Rising Main	100	2041	\$87,793
1439	Northern Common Pressure Main - North Shore Blvd to Everett St	Rising Main	750	2041	\$18,957,868
1443	Ross River Rd Rising Main Diversion (PS 9G diversion)	Rising Main	225	2041	\$1,617,137
1449	Ross River Rd Rising Main Diversion (Fleming St)	Rising Main	450	2041	\$3,267,450
1450	Ross River Rd Rising Main Diversion (Anne St)	Rising Main	375	2041	\$1,651,341
1254	Future Pump Station (369 Shaw Rd.)	Rising Main	150	2042	\$116,707
1271	Mt. Low Developments (Residential Estate)- Stage 6	Rising Main	160	2042	\$287,832
1317	Horseshoe Bay PS MB4 Diversion	Rising Main	100	2042	\$441,908
1370	Roseneath Industrial	Rising Main	200	2042	\$2,763,402
1387	Sunland, Bohle Industrial	Rising Main	100	2042	\$320,577
1400	PS SA18A Diversion	Rising Main	200	2042	\$2,250,103
1267	Mt. Low Developments (Residential Estate)- Stage 7	Rising Main	200	2044	\$33,175
1141	EOPM Replacement	Rising Main	600	2046	\$0
1268	Mt. Low Developments (Residential Estate)- Stage 8	Rising Main	200	2046	\$270,693
1361	Northern Common Pressure Main - Everett St to Mt. St. John WWTP	Rising Main	750	2046	\$19,738,854
1418	Bohle Industrial Estate diversion	Rising Main	100	2046	\$23,436
1419	Bohle Industrial Estate diversion	Rising Main	200	2046	\$220,206
1420	Bohle Industrial Estate Diversion	Rising Main	100	2046	\$451,454
1421	Bohle Industrial Estate diversion	Rising Main	150	2046	\$1,045,850
1438	EOPM Duplication	Rising Main	675	2046	\$17,884,740
1051	PS 7A Upgrade (North Ward)	Rising Main	300	2051	\$6,307,199
1051	PS 7A Upgrade (North Ward)	Rising Main	225	2051	\$0
1282	PSWB6 Diversion - Marina Dve, Bushland Beach	Rising Main	150	2051	\$529,284
1284	Sanctum West - Stage 3	Rising Main	100	2051	\$142,576
1285	Sanctum West - Stage 3	Rising Main	100	2051	\$71,625
1286	Sanctum West - Stage 3	Rising Main	100	2051	\$56,806
1287	Sanctum West - Stage 3	Rising Main	150	2051	\$156,443
1288	Sanctum West - Stage 3	Rising Main	150	2051	\$161,069
1290	Sanctum West - Stage 3	Rising Main	100	2051	\$110,752
1291	Sanctum West - Stage 3	Rising Main	100	2051	\$135,994
1292	Sanctum West - Stage 3	Rising Main	100	2051	\$53,727

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
1293	Northern Common Pressure Main - Sanctum West to Lionel Turner Dr.	Rising Main	200	2051	\$8,750,085
1358	Shaw Quarry Re-development	Rising Main	125	2051	\$342,723
1359	Shaw Quarry Re-development	Rising Main	125	2051	\$491,477
1360	Shaw Quarry Re-development	Rising Main	125	2051	\$1,007,894
1388	Bohle - Crocodile Cres PS L21A diversion	Rising Main	300	2051	\$3,034,348
1436	North Shore Precinct 7 - Stage 9	Rising Main	100	2051	\$72,864
Sewer - other					
52	Harris Crossing, Bohle Plains	Sewerage pump station	Type 2	2027	\$587,945
160	Harris Crossing, Bohle Plains	Sewerage pump station	Type 2	2027	\$587,945
178	Harris Crossing, Bohle Plains	Sewerage pump station	Type 3	2027	\$1,041,201
181	Greater Ascot, Residential (PS BP08)	Sewerage pump station	Type 2	2027	\$1,131,815
199	Mt. Low Developments (Residential Estate)- Stage 2	Sewerage pump station	Type 2	2028	\$1,131,815
276	Elliot Springs, Julago - Stage 2	Sewerage pump station	Type 2	2028	\$1,121,677
28	PS WD2 diversion, Deeragun	Sewerage pump station		2029	\$0
38	PS C6B (Vickers Rd) Diversion - Decommission PS C6B	Sewerage pump station		2029	\$0
58	PSA11C Relocation (53 Douglas St, Garbutt)	Sewerage pump station		2029	\$0
58	PSA11C Relocation (53 Douglas St, Garbutt)	Sewerage pump station	Type 2	2029	\$1,779,318
167	PS WD1 upgrade, Deeragun	Sewerage pump station	Type 3	2029	\$1,636,865
223	Cosgrove	Sewerage pump station	Type 2	2029	\$1,131,815
239	Cosgrove	Sewerage pump station	Type 2	2029	\$1,141,511
92	Louisa Rising Main Extension	Sewerage pump station	Type 3	2030	\$1,636,865
117	PS A1A Upgrade (Breakwater Island)	Sewerage pump station	Type 3	2030	\$1,636,865
135	Louisa Rising Main Extension	Sewerage pump station	Type 3	2030	\$1,636,865
138	PS 3C upgrade	Sewerage pump station	Type 2	2030	\$924,305
221	Liberty Rise, Mt Louisa	Sewerage pump station	Type 2	2030	\$1,131,815
193	North Shore Precinct 7	Sewerage pump station	Type 3	2031	\$2,038,327
200	Mt. Low Developments (Residential Estate)- Stage 3	Sewerage pump station	Type 2	2031	\$1,131,815
209	Sanctum West - Stage 2	Sewerage pump station	Type 2	2031	\$1,131,815
274	Mt. Low Developments (Residential Estate)- Stage 3	Sewerage pump station	Type 4	2031	\$2,965,359
44	Bushland Beach, WB7	Sewerage pump station	Type 2	2032	\$965,324
96	PS 6 Upgrade - Parkes St to Philp St	Sewerage pump station		2032	\$0
96	PS 6 Upgrade - Parkes St to Philp St	Sewerage pump station	Type 3	2032	\$3,346,648
245	Sunland, Bohle Industrial	Sewerage pump station	Type 2	2032	\$1,874,201
185	North Shore Precinct 7 - Stage 4	Sewerage pump station	Type 2	2033	\$1,210,779
272	Elliot Springs, Julago - Stage 3	Sewerage pump station	Type 3	2033	\$1,113,843

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
41	PS C6B (Vickers Rd) diversion	Sewerage pump station		2036	\$0
168	Brendale estate, Deeragun (PS WD9)	Sewerage pump station	Type 2	2036	\$1,210,779
174	Kingston Park (Mt Low & Burdell)	Sewerage pump station	Type 2	2036	\$1,210,779
182	Greater Ascot, South	Sewerage pump station	Type 2	2036	\$1,210,779
187	Kingston Park (Mt Low & Burdell)	Sewerage pump station	Type 2	2036	\$1,210,779
243	The Village, Oonoonba	Sewerage pump station	Type 2	2036	\$965,324
265	Mt. St. John WWTP Upgrade	Sewerage treatment plant		2036	\$151,179,348
60	Ross River Rd Rising Main Diversion (PS 10A Diversion)	Sewerage pump station	Type 4	2038	\$2,623,497
271	Elliot Springs, Julago - Stage 4	Sewerage pump station	Type 3	2038	\$1,740,819
275	North Shore Precinct 7 - Stage 7	Sewerage pump station	Type 2	2038	\$1,263,421
175	PS WD7, Deeragun	Sewerage pump station	Type 2	2041	\$1,910,925
179	PS WD1 upgrade, Deeragun	Sewerage pump station	Type 3	2041	\$1,757,935
194	North Shore Precinct 7 - Stage 8	Sewerage pump station	Type 3	2041	\$2,275,341
226	Railway Estate Precinct	Sewerage pump station	Type 2	2041	\$1,910,925
266	CBWPP- Treatment plant upgrades	Sewerage treatment plant		2041	\$74,416
268	Condon	Sewerage treatment plant		2041	\$74,416
269	TSDA	Sewerage pump station	Type 3	2041	\$3,424,337
273	Elliot Springs, Julago - Stage 5	Sewerage pump station	Type 3	2041	\$1,162,271
74	PS LE18A Overflow	Sewerage pump station	Type 2	2042	\$992,670
100	PS SA18A Diversion	Sewerage pump station	Type 2	2042	\$992,670
169	Brendale estate, Deeragun (PS WD9)	Sewerage pump station	Type 2	2042	\$1,910,925
183	Future Pump Station (369 Shaw Rd.)	Sewerage pump station	Type 2	2042	\$1,910,925
203	Mt. Low Developments (Residential Estate)- Stage 6	Sewerage pump station	Type 2	2042	\$1,263,421
224	Horseshoe Bay PS MB4 Diversion	Sewerage pump station	Type 2	2042	\$1,910,925
244	Roseneath Industrial	Sewerage pump station	Type 2	2042	\$1,910,925
264	Picnic Bay WWTP Upgrade	Sewerage treatment plant		2042	\$74,416
201	Mt. Low Developments (Residential Estate)- Stage 7	Sewerage pump station	Type 2	2044	\$1,263,421
220	Liberty Rise, Mt Louisa	Sewerage pump station	Type 2	2044	\$1,263,421
113	PS 2A upgrade	Sewerage pump station	Type 4	2046	\$2,695,769
149	Bohle Industrial Estate Diversion	Sewerage pump station	Type 2	2046	\$1,020,017

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
170	Conceptual PS L19, Ingham Rd - PS L19	Sewerage pump station	Type 2	2046	\$1,963,567
202	Mt. Low Developments (Residential Estate)- Stage 8	Sewerage pump station	Type 2	2046	\$1,316,064
206	Greater Ascot	Sewerage pump station	Type 3	2046	\$1,806,363
161	PSWB6 Diversion - Marina Dve, Bushland Beach	Sewerage pump station	Type 2	2051	\$1,963,567
171	51 Everett St industrial	Sewerage pump station	Type 2	2051	\$1,963,567
176	North Shore Precinct 7 - Stage 9	Sewerage pump station	Type 2	2051	\$1,316,064
207	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
208	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
210	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
211	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
212	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
213	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
214	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
215	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
216	Sanctum West - Stage 3	Sewerage pump station	Type 2	2051	\$1,316,064
263	Horseshoe Bay WWTP upgrade	Sewerage treatment plant		2051	\$76,466
Total					\$835,204,756

Table SC3.2.3 Road network Schedule of works summary

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
Road - Links					
R299	Bayswater Rd extension (Weston St - Abattoir Rd)	Road	2STN	2027	\$14,947,290
B81	Elliot Springs trunk road stg 2	Bridge	BCUL2	2028	\$4,119,858
X22	Svensson Rd (North Shore Blvd extn - Highway)	Rail Xing	RAIL2	2028	\$4,920,856
R371	North Shore Blvd (Mt Low Parkway - Svensson Rd)	Road	2STN	2028	\$25,768,557
R72	Dalrymple Rd (Kern Brothers Dr - Thuringowa Dr)	Road	2ATN	2028	\$0
R72	Dalrymple Rd (Kern Brothers Dr - Thuringowa Dr)	Road	2ATN	2028	\$38,746,656
R308	Liberty Dr extension (Graham Ave - Abattoir Rd)	Road	2STN	2028	\$16,064,587

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
R372	Svensson Rd (North Shore Blvd extn - Highway)	Road	4STM	2028	\$37,870,803
R402	Lionel Turner Dr (Salonika Cct - North Shore Blvd)	Road	2STN	2028	\$24,414,301
R98	Flinders Street (East) (Wickham St - King St)	Road	2MKN	2031	\$0
R98	Flinders Street (East) (Wickham St - King St)	Road	2MKN	2031	\$2,559,545
R154	King St (Flinders St - The Strand)	Road	2MKM	2031	\$0
R154	King St (Flinders St - The Strand)	Road	2MKM	2031	\$2,123,521
R240	Sir Leslie Thies Drive (The Strand - Boat Ramp)	Road	4MKM	2031	\$0
R240	Sir Leslie Thies Drive (The Strand - Boat Ramp)	Road	4MKM	2031	\$5,734,129
R269	The Strand (East) (Wickham Street - King Street)	Road	2MKN	2031	\$0
R269	The Strand (East) (Wickham Street - King Street)	Road	2MKN	2031	\$2,854,790
R285	Wickham Section (Flinders St - The Strand)	Road	2MKN	2031	\$0
R285	Wickham Section (Flinders St - The Strand)	Road	2MKN	2031	\$2,852,081
R344	Elliot Springs trunk road stg 1	Road	2MKN	2037	\$4,877,229
R343	Elliot Springs trunk road stg 2	Road	2MKN	2041	\$4,248,504
B11	North Shore Blvd (Saunders Ck Bridge - Erskine Place)	Bridge	BS2	2041	\$14,653,003
B16	North Shore Blvd (Synnove Drive - Waterway Drive)	Bridge	BCUL2	2041	\$1,141,351
R32	North Shore Blvd (Synnove Drive - Waterway Drive)	Road	2ATN	2041	\$0
R32	North Shore Blvd (Synnove Drive - Waterway Drive)	Road	2ATN	2041	\$20,935,231
R303	Garland Rd (Synnove Dr - Wetherby Dr)	Road	4MKM	2041	\$16,761,652
R397	Synnove Dr (Waterway Dr - Garland Rd)	Road	2MKM	2041	\$13,261,533
R400	North Shore Blvd (Saunders Ck Bridge - Erskine Place)	Road	2ATN	2041	\$0
R400	North Shore Blvd (Saunders Ck Bridge - Erskine Place)	Road	2ATN	2041	\$8,459,086
R401	North Shore Blvd (Burdell Dr - Highway)	Road	4ATN	2041	\$0
R401	North Shore Blvd (Burdell Dr - Highway)	Road	4ATN	2041	\$11,480,926
R405	North Shore Blvd (Saunders Ck - Waterway Drive)	Road	2ATN	2041	\$0
R405	North Shore Blvd (Saunders Ck - Waterway Drive)	Road	2ATN	2041	\$9,627,083
R335	Elliot Springs trunk road balance	Road	2SKN	2071	\$2,957,253
R340	Elliot Springs trunk road balance	Road	2SKN	2071	\$2,984,317
R328	Elliot Springs trunk road balance	Road	2SKN	2071	\$3,305,558
R329	Elliot Springs trunk road balance	Road	2SKN	2071	\$4,141,137
R330	Elliot Springs trunk road balance	Road	2SKN	2071	\$5,375,623
R333	Elliot Springs trunk road balance	Road	2SKN	2071	\$5,450,898
R341	Elliot Springs trunk road balance	Road	2SKN	2071	\$5,653,939
R353	Elliot Springs trunk road balance	Road	2SKN	2071	\$5,912,115
R334	Elliot Springs trunk road balance	Road	2SKN	2071	\$6,228,825
R338	Elliot Springs trunk road balance	Road	2SKN	2071	\$6,418,145
R350	Elliot Springs trunk road balance	Road	2SKN	2071	\$7,184,111
R337	Elliot Springs trunk road balance	Road	2SKN	2071	\$7,412,456
R331	Elliot Springs trunk road balance	Road	2SKN	2071	\$7,595,860
R327	Elliot Springs trunk road balance	Road	2SKN	2071	\$7,851,213

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
R351	Elliot Springs trunk road balance	Road	2SKN	2071	\$9,086,634
R352	Elliot Springs trunk road balance	Road	2SKN	2071	\$9,499,011
R339	Elliot Springs trunk road balance	Road	2SKN	2071	\$10,608,248
R336	Elliot Springs trunk road balance	Road	2SKN	2071	\$10,896,635
R342	Elliot Springs trunk road balance	Road	2SKN	2071	\$11,000,107
R332	Elliot Springs trunk road balance	Road	2SKN	2071	\$11,780,173
R354	Elliot Springs trunk road balance	Road	2SKN	2071	\$29,253,938
R24	Bayswater Rd (Crestbrook Drive - Barnett St)	Road	2MKN	2071	\$0
R24	Bayswater Rd (Crestbrook Drive - Barnett St)	Road	2MKN	2071	\$9,947,882
R143	Ingham Rd (Hugh St - Kings Rd)	Road	2STN	2071	\$0
R143	Ingham Rd (Hugh St - Kings Rd)	Road	2STN	2071	\$21,166,274
R146	Ingham Rd (Webb Dr - Mather St)	Road	2STM	2071	\$0
R146	Ingham Rd (Webb Dr - Mather St)	Road	2STM	2071	\$40,822,972
R151	Kern Brothers Dr (Sandstone Dr- Morinda Dr)	Road	2SKM	2071	\$0
R151	Kern Brothers Dr (Sandstone Dr- Morinda Dr)	Road	2SKM	2071	\$14,037,193
R185	Mt Low Parkway (North Shore Blvd - Shoalmarra Dr)	Road	2SKM	2071	\$0
R185	Mt Low Parkway (North Shore Blvd - Shoalmarra Dr)	Road	2SKM	2071	\$26,268,783
R318	Ingham Rd (Everett St - Webb Dr)	Road	2STM	2071	\$0
R318	Ingham Rd (Everett St - Webb Dr)	Road	2STM	2071	\$24,838,391
R373	Allambie Ln (Beck Dr - Riverway Dr)	Road	2SKN	2071	\$0
R373	Allambie Ln (Beck Dr - Riverway Dr)	Road	2SKN	2071	\$20,567,060
R398	Mt Low Parkway (Shoalmarra Dr - Frendon Parade)	Road	2SKN	2071	\$0
R398	Mt Low Parkway (Shoalmarra Dr - Frendon Parade)	Road	2SKN	2071	\$14,262,034
R404	Mt Low Parkway (Frendon Pde - Highway)	Road	2SKN	2071	\$0
R404	Mt Low Parkway (Frendon Pde - Highway)	Road	2SKN	2071	\$10,831,009
R406	Bayswater Rd (Barnett St - Mather St)	Road	2SKN	2071	\$0
R406	Bayswater Rd (Barnett St - Mather St)	Road	2SKN	2071	\$16,132,264
R407	Ingham Rd (Cowley St - Sturt St)	Road	2SKN	2071	\$0
R407	Ingham Rd (Cowley St - Sturt St)	Road	2SKN	2071	\$20,840,976
R408	Ingham Rd (Sturt St - Flinders St)	Road	2SKN	2071	\$0
R408	Ingham Rd (Sturt St - Flinders St)	Road	2SKN	2071	\$3,524,686
Road - Intersections					
I140	Bayswater Rd extension (Weston St - Abattoir Rd)	Intersection	3U111111	2027	\$1,191,044
I211	Veales Rd - Darling Rd (roundabout)	Intersection	3R111111	2027	\$2,514,183
I211	Veales Rd - Darling Rd (roundabout)	Intersection	3U111111	2027	\$1,071,940
I212	Bayswater Rd extension (Weston St - Abattoir Rd)	Intersection	3U111111	2027	\$1,071,940
I190	Lionel Turner Dr (Salonika Cct - North Shore Blvd)	Intersection	3U111111	2028	\$1,191,044
I190	Lionel Turner Dr (Salonika Cct - North Shore Blvd)	Intersection	3U111111	2028	\$1,191,044
I126	Flinders Street (East) (Wickham St - King St)	Intersection	3U200213	2031	\$1,336,602
I126	Flinders Street (East) (Wickham St - King St)	Intersection	4S20021111	2031	\$1,122,762
I16	Kern Brothers Dr (Sandstone Dr- Morinda Dr)	Intersection	3R122221	2071	\$5,330,072
I16	Kern Brothers Dr (Sandstone Dr- Morinda Dr)	Intersection	3R122222	2071	\$5,517,489

Column 1	Column 2			Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
I70	Ingham Rd - Meenan St (Intersection upgrade)	Intersection	3R121111	2071	\$2,961,945
I70	Ingham Rd - Meenan St (Intersection upgrade)	Intersection	3R122211	2071	\$3,487,484
I114	Abbott St - Darcy Dr (signalisation)	Intersection	3U112212	2071	\$1,239,025
I151	Ingham Rd (Webb Dr - Mather St)	Intersection	4S12131212	2071	\$4,773,044
I151	Ingham Rd (Webb Dr - Mather St)	Intersection	4S12131222	2071	\$5,035,813
I154	Mount Low Parkway - Lionel Turner Drive	Intersection	3S121212	2071	\$2,027,333
I154	Mt Low Parkway - Lionel Turner Dr (signalisation)	Intersection	3U111212	2071	\$1,764,564
I191	Mt Low Parkway (North Shore Blvd - Shoalmarra Dr)	Intersection	3S111111	2071	\$3,407,501
I191	Mt Low Parkway (North Shore Blvd - Shoalmarra Dr)	Intersection	4S11112211	2071	\$3,857,687
I205	John Melton Black Dr (intersection upgrade TBA)	Intersection	3U111111	2071	\$1,314,377
I205	John Melton Black Dr (intersection upgrade TBA)	Intersection	3U121212	2071	\$2,027,333
Total					\$735,692,521

Table SC3.2.4 Pathways and cycleway network Schedule of works summary

Column 1	Column 2	Column 3			Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
P261	Shaw Rd (Dalrymple Rd - Woolcock St)	Path	3304	2027	\$3,643,938
P635	Shaw Rd (Dalrymple Rd - Woolcock St)	Path	3286	2027	\$3,624,346
P109	Banfield Dr (Bayswater Rd - Dalrymple Rd)	Path	1325	2027	\$2,435,340
L645	PDA Boardwalk Stg2 - Aplin St to Stanley St	BridgeLight	228	2027	\$2,146,193
P136	Bayswater Rd extension (Weston St - Abattoir Rd)	Path	1317	2027	\$1,540,492
L644	PDA Boardwalk Stg2 - Aplin St to Stanley St	BridgeLight	172	2027	\$1,620,393
P155	Ingham Rd (Meenan St - Hugh St)	Path	876	2027	\$1,610,934
P368	Allambie Ln (S Beck Dr - Riverway Dr)	Path	1163	2027	\$1,282,553
P8	Palmerston St (Symons St - Ronan St)	Path	678	2027	\$1,246,714
P65	Gulliver St (Fulham Rd - Ross River Rd)	Path	736	2027	\$811,458
P216	Dalrymple Rd (Shaw - Greater Ascot Ave)	Path	680	2027	\$476,945
P290	Gartrell Dr - Stuart Dr to Shanahan Dr	Path	463	2027	\$511,035
P454	Riverway Drive (High Range Dr - Hervey Range Rd)	Path	203	2027	\$224,309
P634	Svensson Rd (North Shore Blvd extn - Highway)	Path	2080	2028	\$2,432,096
P628	Svensson Rd (North Shore Blvd extn - Highway)	Path	2080	2028	\$2,431,847
P263	Liberty Dr extension (Graham Ave - Abattoir Rd)	Path	1628	2028	\$1,904,339
P494	Hugh St (Lonerganne - Evans St)	Path	2009	2028	\$2,216,445
P120	Lionel Turner Dr (Salonika Cct - North Shore Blvd)	Path	1527	2028	\$1,785,196
P633	Lionel Turner Dr (Salonika Cct - North Shore Blvd)	Path	1502	2028	\$1,756,546
P223	North Shore Blvd Extension (Svensson Rd - North Shore Blvd)	Path	1624	2028	\$1,719,911
P606	North Shore Blvd Extension (Svensson Rd - North Shore Blvd)	Path	1623	2028	\$1,718,541
P220	Dalrymple Rd (Greenview Dr - Liberty Dr)	Path	1302	2028	\$1,435,918
P217	Dalrymple Rd (Greenview Dr - Thuringowa Dr)	Path	1294	2028	\$1,427,191

Column 1	Column 2	Column 3			Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
P267	Abattoir Rd (Woolcock St - Bayswater Rd)	Path	973	2028	\$1,137,663
P36	Golf Links Dr (Hervey Range Rd - Gardenia Ave)	Path	916	2028	\$1,009,854
P49	Hudson St - Ross River Rd to Thuringowa Dr	Path	807	2028	\$889,789
P102	Oreilly St (Burt St - Ross River Rd)	Path	805	2028	\$887,666
P375	N Beck Dr (Gouldian Ave - Gollogly Ln)	Path	773	2028	\$852,158
P639	Weatherby Dr (Garland Rd - Tobias Ave)	Path	872	2028	\$611,540
P230	Weatherby Dr (Garland Rd - Tobias Ave)	Path	840	2028	\$589,061
P29	Hervey Range Rd (Black Hawk Blv - N Vickers Rd)	Path	647	2028	\$714,106
L213	Gold Links Dr Footbridge	BridgeLight	76	2028	\$712,408
P580	Harris Crossing	Path	781	2028	\$548,246
P506	White Creek Rd - Coast Road Park Path	Path	618	2028	\$433,293
P266	Greater Ascot Ave (xtn to Shaw Rd)	Path	226	2028	\$263,887
P641	Griffey St (Beau Park Dr - Tobias Ave)	Path	339	2028	\$237,914
P212	Liberty Dr (Dalrymple Rd - Rosevelt Loop)	Path	201	2028	\$221,455
P592	Shoalmarra Dr - Mount Low Parkway to drainage reserve/Park to Sanctum Bvd	Path	654	2029	\$1,201,790
P595	Shoalmarra Dr - Mount Low Parkway to drainage reserve/Park to Sanctum Bvd	Path	650	2029	\$1,194,315
P409	Stuart Dr (Ross River - Fairfield Waters Dr)	Path	527	2029	\$581,447
P594	Shoalmarra Dr - Mount Low Parkway to drainage reserve/Park to Sanctum Bvd	Path	336	2029	\$370,672
P228	North Shore Blvd (Synnove Dr - Stony Ck)	Path	2795	2031	\$5,137,720
P605	North Shore Blvd (Synnove Dr - Stony Ck)	Path	2791	2031	\$5,131,538
P41	Cape Pallarenda Rd (Esplanade loop - Eclipse St)	Path	5027	2031	\$5,021,457
P455	Riverway Drive (Gregory St - Santal Dr)	Path	3327	2031	\$3,669,336
H223	North Shore Blvd (Synnove Dr - Stony Ck)	BridgeHeavy	68	2031	\$3,508,017
P356	Lakeside Dr (Darcy Dr - Abbott St)	Path	2939	2031	\$3,242,375
P376	Queens Rd (Bowen Rd - Boundary St)	Path	2891	2031	\$3,189,126
P207	Mysterton - Hyde Park Drain Walk	Path	2745	2031	\$3,027,906
P22	Bruce Hwy (MacArthur Dr - Sinclair St)	Path	2498	2031	\$2,754,871
P338	Ross River (Burt St - Ross River Bridge)	Path	2400	2031	\$2,647,484
P162	Bayswater Rd (Duckworth St - Mather St)	Path	1223	2031	\$2,248,548
P73	Dearness St (Percy St - Meenan St)	Path	1103	2031	\$2,028,371
P42	Hooper St (Parramatta St - Little St)	Path	992	2031	\$1,823,512
H41	Cape Pallarenda Rd (Esplanade loop - Eclipse St)	BridgeHeavy	33	2031	\$1,700,715
T508	Shaw - Reserve Underpass	Tunnel	98	2031	\$1,476,756
P286	University Rd (Killymoon Cres - Stuart Dr)	Path	1338	2031	\$1,476,315
P384	Gouldian Ave (N Beck Dr - Riverway Dr)	Path	1235	2031	\$1,362,276
P187	Morey St (Saunders St - Boundary St)	Path	1215	2031	\$1,339,763
P247	University Rd (Angus Smith Dr - Ross River)	Path	1138	2031	\$1,255,344
P354	Wellington St, Anderson Gardens (Gulliver St - Kings Rd)	Path	1049	2031	\$1,157,357
T256	Angus Smith Dr - Ring Road Underpass	Tunnel	76	2031	\$1,140,180
P301	Annandale Dr (River Park Dr - Yolanda Dr)	Path	941	2031	\$1,038,330
P83	Meranti St & Palm Dr (Cct off Geaney Ln)	Path	917	2031	\$1,011,412
P151	Ingham Rd (Kings St - Hugh St)	Path	916	2031	\$1,010,576
P168	Kern Brothers Dr (Bel Air Ave - Dalrymple Rd)	Path	902	2031	\$994,738
P426	Horseshoe Bay Rd (Forts Camping Ground - Sportsfield)	Path	708	2031	\$921,523

Column 1	Column 2	Column 3			Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
P471	Veales Rd (Bruce Hwy - St Anthony's College Padua Campus)	Path	816	2031	\$900,567
P445	Birt St (Granite St - Nelly Bay Rd)	Path	640	2031	\$832,719
P250	Charlotte St (Redhead Dr - Burt St)	Path	664	2031	\$732,038
P630	Forestry Rd & Bruce Hwy (Bluewater Ck Bridge - Bluewater Park driveway)	Path	663	2031	\$730,924
P214	Golf Links Dr Willowbank Dr (Dalrymple Rd - Edenbridge Dr)	Path	655	2031	\$722,054
P436	Granite St (Esplanade - Birt St)	Path	551	2031	\$716,827
P343	Fairfield Waters Dr (Village Dr - Ransome St)	Path	648	2031	\$714,716
S259	Angus Smith Dr - Ring Road Steps	Steps	156	2031	\$687,160
P147	Alfred St (Elizabeth St - Charlotte St)	Path	614	2031	\$676,905
P112	Alice St	Path	609	2031	\$671,913
P307	The Ring Road (Angus Smith Dr - University Rd)	Path	577	2031	\$636,047
P45	Fulham Rd (Anne St - Nathan St)	Path	538	2031	\$593,897
P321	Kokoda St - Wairopi St - Ooonoonba Rd (Kokoda St - Milne St)	Path	537	2031	\$592,616
P157	Ingham Rd (Crowder St - 365 Ingham Rd)	Path	287	2031	\$528,018
P434	Armand Way (Hayles Ave - Old Forts Rd)	Path	392	2031	\$509,439
P245	Yolanda Dr (Sinclair St- Mimosa Ct)	Path	456	2031	\$503,140
P369	Allambie Ln (S Beck Dr - Saltbush Bvd)	Path	415	2031	\$458,002
P287	University Rd/Bruce Hwy Connector	Path	408	2031	\$450,576
P210	Beck Dr (N Beck Dr - Hervey Range Rd)	Path	520	2031	\$365,019
P161	Bayswater Rd (Raynesford Dr - Corbett St)	Path	237	2031	\$435,115
L227	North Shore Blvd (Synnove Dr - Stony Ck)	BridgeLight	30	2031	\$428,329
P221	Angus Smith Dr (Parkinsons Rd - Joseph Banks Ave)	Path	379	2031	\$417,668
P174	Patrick St (Anne St - Elizabeth St)	Path	375	2031	\$413,492
P60	Annandale Dr (Yolanda Dr - Bruce Hwy)	Path	371	2031	\$409,291
P418	Haldane St (Wright St - Edison St)	Path	358	2031	\$394,604
P32	Mt Low Parkway (Coutts Dr - Bushland Beach Park)	Path	344	2031	\$379,624
P249	Angus Smith Dr (University Rd - Richardson St)	Path	341	2031	\$376,194
P70	The Strand/King St (Wickham St - Flinders St)	Path	313	2031	\$345,238
P171	Ross Creek (Race Trak - Boundary St)	Path	287	2031	\$316,250
P203	Sir Leslie Thiess Drive (Flinders St - Ferry)	Path	243	2031	\$267,898
P175	Anne St (Alfred St - Ross River Rd)	Path	233	2031	\$257,157
P377	Mcilwraith St (Lennon Dr - Davidsons St)	Path	204	2031	\$225,259
P64	Anne St (Charles St - Fulham Rd)	Path	202	2031	\$222,393
P12	Wickham St (Flinders St - The Strand)	Path	200	2031	\$220,675
P10	Flinders St (Kings St - Wickam St)	Path	180	2031	\$198,041
P371	Gollogoly Ln (N Beck D Connector)	Path	156	2031	\$172,043
P152	Ingham Rd (Sturt St - Morris St)	Path	154	2031	\$170,159
P430	Sooning St (Harbour Dr - South)	Path	131	2031	\$169,996
P442	Nelly Bay Rd (Good Ju Ju Lookout)	Path	114	2031	\$148,635
P432	Armand Way (Marine Parade - Arcadia)	Path	107	2031	\$138,576
P373	S Vickers Rd (Limestone Cres - Gouldian Ave)	Path	113	2031	\$124,574
P298	Little St (Primrose St - Bundock St)	Path	63	2031	\$116,630
P84	Rangeview St (Bruce Hwy - Palm Dr)	Path	78	2031	\$86,206
L415	Ross Creek (Lowths Bridge - Little Fletcher Bridge)	BridgeLight	838	2032	\$8,238,296

Column 1	Column 2	Column 3			Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
L482	Ross Creek (Little Fletcher Bridge - Charters Towers Road)	BridgeLight	620	2032	\$6,092,369
L351	Ross Creek (Stanley St - Victoria Bridge)	BridgeLight	392	2032	\$3,856,101
P385	Shetland Pl (Allambie Ln - Hammond Pl)	Path	1650	2032	\$1,901,338
P394	Hammond Way (Shetland Pl - Charles Moroney Park)	Path	1059	2032	\$1,219,985
P393	Dunlop St (Riverway Dr - Lawrence St)	Path	653	2032	\$751,710
P395	Riverway Dr (Dunlop St - Yvette St)	Path	500	2032	\$575,628
P365	River Park Dr (Annandale Dr - Escott Pl)	Path	378	2032	\$435,379
P602	Dalrymple Rd (Woolcock St - Thuringowa Dr)	Path	4517	2036	\$8,673,377
P636	Woolcock St (Mather St - Ingham Rd)	Path	4047	2036	\$7,770,395
P260	Woolcock St (Mather St - Ingham Rd)	Path	4043	2036	\$7,762,599
P600	Dalrymple Rd (Woolcock St - Hampton Grove)	Path	4586	2036	\$5,283,215
P257	Enterprise St (Ingham Rd - Everett St)	Path	2293	2036	\$4,402,703
P262	Enterprise St (Ingham Rd - Everett St)	Path	2229	2036	\$4,280,213
H597	Dalrymple Rd (Hamptongrove Blvd - Woolcock St)	BridgeHeavy	66	2036	\$3,930,537
L218	Woolcock St (Shaw Rd - Ingham Rd)	BridgeLight	228	2036	\$3,726,819
L219	Woolcock St (Shaw Rd - Ingham Rd)	BridgeLight	228	2036	\$3,726,819
P607	Bruce Hwy (North Shore Blvd - Saunders Ck)	Path	1918	2036	\$3,681,616
P99	John Melton Black Dr (Bundock St - Stinson Ave)	Path	1911	2036	\$3,669,403
P224	North Shore Blvd (Lionel Turner Dr - Mt Low Parkway)	Path	1899	2036	\$3,646,344
P596	North Shore Blvd (Lionel Turner Dr - Mt Low Parkway)	Path	1891	2036	\$3,287,610
P96	Bruce Hwy (North Shore Blvd - Saunders Ck)	Path	1707	2036	\$3,278,366
P619	Ingham Rd (Enterprise St - Everett St)	Path	1603	2036	\$3,077,139
P621	Ingham Rd (Enterprise St - Everett St)	Path	1557	2036	\$2,988,744
P378	S Beck Dr (Gollogly Ln - Allambie Ln)	Path	3053	2036	\$2,291,919
L310	Saunders Ck (Summerland Dr - Innes Dr)	BridgeLight	162	2036	\$2,655,848
P638	Pilkington St (Ingham Rd - Dalrymple Rd)	Path	1376	2036	\$2,642,393
P107	Pilkington St (Ingham Rd - Dalrymple Rd)	Path	1351	2036	\$2,594,447
P271	Woolcock St (Mather St - Duckworth St)	Path	1266	2036	\$2,430,310
P108	Meenan St (Ingham Rd - John Melton Black)	Path	1088	2036	\$2,088,488
P438	Mather St (Ingham Rd - Bayswater Rd)	Path	1062	2036	\$2,038,181
P281	Fulham Rd (Mill Dr - Nathan St)	Path	1737	2036	\$2,000,660
P272	Woolcock St (Pilkington St - Hugh St)	Path	954	2036	\$1,831,315
P603	Dalrymple Rd (Hugh St - Woolcock St)	Path	850	2036	\$1,632,323
P21	Kings Rd (Fulham Rd - Bayswater Rd)	Path	1371	2036	\$1,579,415
P310	Abbot St (Ireland St - Racecourse Rd)	Path	1313	2036	\$1,512,061
P473	Weston St (Bayswater Rd - Ingham Rd)	Path	953	2036	\$1,191,701
P363	Racecourse Rd (Abbott St - Stuart Dr)	Path	1199	2036	\$1,381,229
P158	Ingham Rd (Duckworth - Pilkington St)	Path	711	2036	\$1,365,917
P186	Mill Dr (Fulham Rd - Fulham Rd)	Path	1142	2036	\$1,315,503
P274	Woolcock St (Duckworth St - Pilkington St) South	Path	639	2036	\$1,227,139
P258	Everett St (Enterprise St - Ingham Rd)	Path	610	2036	\$1,171,418
P219	Woolcock St (Shaw Rd - Ingham Rd)	Path	553	2036	\$1,061,128
P79	Woolcock St (Shaw Rd - Ingham Rd)	Path	552	2036	\$1,060,126
P295	Mooney St (Bayswater Rd - Palmerston St)	Path	550	2036	\$1,055,629

Column 1	Column 2	Column 3			Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
P86	Charles St (Anne St - Fulham Ed)	Path	890	2036	\$1,025,144
P313	Saunders Ck (Summerland Dr - Innes Dr)	Path	513	2036	\$985,049
P501	Woolcock St (Dalrymple Service Rd - Reardon St)	Path	508	2036	\$975,987
P640	Fulham Rd (Charles St - Anne St)	Path	792	2036	\$912,750
P46	Fulham Rd (Charles St - Anne St)	Path	782	2036	\$901,229
P278	Ross River riverside walk - Adjacent to MoonDarga	Path	777	2036	\$895,628
P4	Riverway Drive (Queens Intersection)	Path	735	2036	\$846,922
P163	Bayswater Rd (Pilkington St - Duckworth St)	Path	420	2036	\$807,271
P273	Woolcock St (Dalrymple Rd - Pilkington St)	Path	414	2036	\$794,058
P296	Mooney St (Bristol St - Fulham Rd)	Path	410	2036	\$787,498
P275	Woolcock St (Duckworth St - Pilkington St) North	Path	403	2036	\$773,092
T134	Ring Road/Douglas Arterial Road Tunnel	Tunnel	48	2036	\$750,160
P16	Duckworth St (Ingham Rd - Hamill St)	Path	377	2036	\$724,688
P597	Thorn St (Zoe Ct - Dalrymple Rd)	Path	375	2036	\$719,405
P413	Stuart Dr (Stuart Suburb Path)	Path	581	2036	\$668,799
P391	Santal Dr - S Beck Drive	Path	699	2036	\$524,877
T260	Woolcock St (Mather St - Ingham Rd)	Tunnel	21	2036	\$541,370
T261	Woolcock St (Mather St - Ingham Rd)	Tunnel	21	2036	\$541,370
P601	Bayswater Rd (Dalrymple Service Road - Dalrymple Service Road)	Path	243	2036	\$465,939
P122	Garland Rd (Gatwick St - Wetherby Dr)	Path	237	2036	\$454,109
P114	Riverway Drive (Queens Intersection)	Path	383	2036	\$441,191
P411	Stuart Dr (Diamantina St - Dunk St)	Path	332	2036	\$382,091
P329	Balls Ln (Kings Rd - Ross River Rd)	Path	317	2036	\$365,072
P244	Angus Smith Dr (Klewarra Blvd - Johnstone Ct)	Path	283	2036	\$325,465
P389	Freshwater Dr (Freshwater Park - Freshwater Dr Turn)	Path	202	2036	\$233,117
P234	Main St (Saunders Ck)	Path	144	2036	\$180,371
P279	Belyando Bend - Johnstone Ct	Path	177	2036	\$204,368
P327	Cross St (Ross River Rd - Bowen Rd)	Path	174	2036	\$201,002
L417	Stuart Dr Drain Bridge	BridgeLight	10	2036	\$100,648
P330	Kings Rd (Fulham Rd - Balls Ln)	Path	85	2036	\$97,793
X618	Ingahm Rd (Woolcock St - Everett St)	LevelXing	16	2036	\$93,886
P421	Elliot Springs Blv Future Path	Path	895	2037	\$635,168
P419	Bruce Hwy (Elliot Springs Bvd - Cluden St)	Path	10368	2041	\$12,282,068
P604	Ingham Rd (Web Dr - Mather St)	Path	1617	2041	\$3,191,940
P427	Horseshoe Bay Rd (Horseshoe Bay - Arcadia)	Path	2105	2041	\$2,941,081
P160	Bayswater Rd (Mather St - Raynesford Dr)	Path	1413	2041	\$2,790,531
P238	North Shore Blvd (Synnove Drive - Waterway Drive)	Path	1172	2041	\$2,313,309
P629	Mt Low Parkway (North Shore Blvd - Shoalmarra Dr)	Path	1141	2041	\$2,252,132
P618	Ingham Rd (Everett St - Webb Dr)	Path	986	2041	\$1,946,041
P631	Mt Low Parkway (Shoalmarra Dr - Frendon Parade)	Path	812	2041	\$1,604,161
P123	Garland Rd (Wetherby Dr - Synnove Dr)	Path	1007	2041	\$1,314,433
P637	Synnove Dr (Waterway Dr - Garland Rd)	Path	1104	2041	\$1,305,335
P81	Geaney Lane (Veales Rd - Doriean Wy)	Path	767	2041	\$1,513,597
P30	Hervey Range Rd (Bruce Hwy Ramp - Edmonds)	Path	1071	2041	\$1,149,406
P237	North Shore Blvd (Saunders Ck - Waterway Drive)	Path	542	2041	\$1,069,370

Column 1	Column 2	Column 3			Column 4
Map Ref (ID)	Description	Asset Type	Size (units)	Estimated Timing	Cost
P632	Mt Low Parkway (Frendon Pde - Highway)	Path	468	2041	\$924,239
P239	North Shore Blvd (Saunders Ck Bridge - Erskine Place)	Path	450	2041	\$889,122
P243	North Shore Blvd (Burdell Dr - Highway)	Path	390	2041	\$770,019
P222	Bohle R (Woolcock St - St Clare's College)	Path	351	2041	\$693,086
P169	Kern Brothers Dr (Morindo Dr- Sandstone Dr)	Path	580	2041	\$687,322
P509	Innes Dr (Idaho Ct - Wagner St)	Path	266	2041	\$524,534
P206	Stanley St (Kennedy St - Castle Hill Rd)	Path	418	2041	\$495,550
Total				\$321,628,762	

Table SC3.2.5 Public parks network Schedule of works summary

Column 1	Column 2		Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Estimated Timing	Cost
214b	Warrina Park Fitness Station Shade Sail	District Sport	2027	\$20,135
387b	Strand fitness shade	Regional Recreation	2027	\$20,297
1001b	Rocky Springs (D1 - stg 2)	District Recreation	2027	\$743,627
61b	Queens Gardens	Regional Recreation	2027	\$1,561,333
389b	Riverway BBQ Shelter Lighting	Regional Recreation	2027	\$30,290
1018b	National Park Seating and Shade	District Recreation	2027	\$25,437
239b	Melrose Park playground shade	District Sport	2027	\$20,135
222a	Horseshoe Bay foreshore conversion & embellishment	Regional Recreation	2027	\$4,294,495
222b	Horseshoe Bay foreshore expansion	Regional Recreation	2027	\$1,932,931
221b	Horseshoe Bay foreshore conversion & embellishment	District Recreation	2027	-\$1,549,644
302b	High Vista Park Fitness Equipment	District Sport	2027	\$30,202
1020b	Heatley Park Fencing	District Sport	2027	\$100,675
1015a	Mt Louisa walking tracks (stg 2)	District Recreation	2027	\$8,371,272
260b	Cranbrook Park Fitness Station Shade Sail	District Sport	2027	\$20,135
89b	Charles Maroney Playground Fencing	District Recreation	2027	\$150,202
89c	Charles Maroney Park New Double Plate BBQ	District Recreation	2027	\$50,269
335b	Bluewater Park Fitness Equipment Shade Sail	Regional Sport	2027	\$14,959
196c	Anderson Gardens Picnic Shelters	Regional Recreation	2027	\$50,275
196b	Anderson Gardens Electrical Supply	Regional Recreation	2027	\$30,290
361d	Peggy Banfield pathway circuit	District Sport	2028	\$7,191,058
361c	Peggy Banfield seating & bins	District Sport	2028	\$2,157,317
1024b	Kilcora Park upgrade	District Sport	2028	\$5,177,561
1050b	Waterfront PDA Central Park	Regional Recreation	2029	\$7,119,680
361b	Peggy Banfield carpark sealing	District Sport	2031	\$1,869,675
1006b	The Green (extension for regional recreation)	Regional Recreation	2031	\$16,016,714
1007a	North Shore sporting park (stg - 1)	District Sport	2031	\$11,598,617
1015b	Mt Louisa walking tracks (stg 3)	District Recreation	2031	\$8,371,272
375b	Duggan Plains Park (Sport)	District Sport	2031	-\$2,953,910
376b	Dougan Plains Park (recreational expansion stg 1)	District Recreation	2031	\$2,835,095
1031b	Bohle Plains Regional Sport Park (stg 1)	Regional Sport	2031	\$11,967,270
1005c	Sanctum Park (north) embellishment	District Recreation	2033	\$5,183,264
1017a	Rocky Springs (D2)	District Sport	2036	\$11,323,321
1006c	The Green (extension for regional recreation)	Regional Recreation	2036	\$17,511,365
1007b	North Shore sporting park (stg - 2)	District Sport	2036	\$12,407,823
1029a	Mt Low sporting park (land acquisition)	District Sport	2036	\$9,430,127
1030a	Mt Low recreation park (land acquisition)	District Recreation	2036	\$5,658,076
1015c	Mt Louisa walking tracks (stg 4)	District Recreation	2036	\$8,955,315
375c	Duggan Plains Park (Sport)	District Sport	2036	-\$7,286,311
376c	Dougan Plains Park (recreational expansion stg 2)	District Recreation	2036	\$7,481,135
1031c	Bohle Plains Regional Sport Park (stg 2)	Regional Sport	2036	\$6,401,098
1042a	Rocky Springs (D3)	District Sport	2041	\$11,815,639
1000a	Rocky Springs (M - stg 1)	Regional Sport	2041	\$10,467,818
1006d	The Green (extension for regional recreation)	Regional Recreation	2041	\$18,272,728
1015d	Mt Louisa walking tracks (stg 5)	District Recreation	2041	\$9,344,676
1031d	Bohle Plains Regional Sport Park (stg 3)	Regional Sport	2041	\$6,679,406
1006e	The Green (extension for regional recreation)	Regional Recreation	2046	\$32,974,280
1029b	Mt Low sporting park (embellishment)	District Sport	2046	\$16,723,390
1030b	Mt Low recreation park (embellishment)	District Recreation	2046	\$8,450,974

Column 1	Column 2		Column 3	Column 4
Map Ref (ID)	Description	Asset Type	Estimated Timing	Cost
1031e	Bohle Plains Regional Sport Park (stg 4)	Regional Sport	2046	\$41,746,289
1045a	Rocky Springs (D6)	District Recreation	2071	\$10,988,741
1044a	Rocky Springs (D5)	District Sport	2071	\$12,307,957
1043a	Rocky Springs (D4)	District Sport	2071	\$12,307,957
1000c	Rocky Springs (M - stg 3)	Regional Recreation	2071	\$22,101,302
1000b	Rocky Springs (M - stg 2)	Regional Recreation	2071	\$22,101,302
Total				\$400,615,336

SC3.3 Local government infrastructure plan maps

SC3.3.1 - Reporting area map

SC3.3.2 - Developable area maps

SC3.3.3 - Service catchment maps

SC3.3.4 - Priority infrastructure area maps

SC3.3.5 - Plans for trunk water supply infrastructure

SC3.3.6 - Plans for trunk sewerage infrastructure

SC3.3.7 - Plans for trunk roads infrastructure

SC3.3.8 - Plan for trunk pathways and cycleways infrastructure

SC3.3.9 - Plan for trunk public parks infrastructure