

Municipal Water Supply Network

Ripley Valley Future Assets

ASSET ID	DRAFT LP #20 ID	C = Catalyst	DESCRIPTION	ASSET DESCRIPTION	AREA (ha)	LAND ACQUISITION RATE (\$/m)	LAND COST	WORKS BASE COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST								
Potable Water Supply																			
Bulk Water Supply																			
WRRES001A	WR1580A		D&C of trunk Water Infrastructure including the provision of land	Reservoir	2.00	\$ 57,389	\$ 114,778	\$ 2,008,617	\$ 301,292	\$ 502,154	\$ 2,926,841								
WRRES001B	WR1580B		D&C of trunk Water Infrastructure	Reservoir	0.00	\$ -	\$ -	\$ 2,008,617	\$ 301,292	\$ 502,154	\$ 2,812,063								
						Sub-Total	\$ 114,778	\$ 4,017,233	\$ 602,585	\$ 1,004,308	\$ 5,738,905								
Water Pump Stations																			
WPS001	WPS001		D&C of trunk Water Infrastructure	Pump Station				\$ 685,714	\$ 102,857	\$ 171,429	\$ 960,000								
WPS002	WPS002		D&C of trunk Water Infrastructure	Pump Station				\$ 685,714	\$ 102,857	\$ 171,429	\$ 960,000								
WPS003	WPS003		D&C of trunk Water Infrastructure	Pump Station				\$ 685,714	\$ 102,857	\$ 171,429	\$ 960,000								
						Sub-Total	\$ 2,057,143	\$ 308,571	\$ 514,286	\$ 2,880,000									
Pressure Release Valves																			
WPRV001	WV001	C	D&C of trunk Water Infrastructure	Pressure Reduction Valve				\$ 229,556	\$ 34,433	\$ 57,389	\$ 321,378								
WPRV002	WV002		D&C of trunk Water Infrastructure	Pressure Reduction Valve				\$ 229,556	\$ 34,433	\$ 57,389	\$ 321,378								
WPRV003	WV003		D&C of trunk Water Infrastructure	Pressure Reduction Valve				\$ 229,556	\$ 34,433	\$ 57,389	\$ 321,378								
						Sub-Total	\$ 688,668	\$ 103,300	\$ 172,167	\$ 964,135									
Recycled Water Pump Stations																			
RWPS001	RWP001		D&C of trunk Water Infrastructure	Recycled Water PS				\$ 459,112	\$ 68,867	\$ 114,778	\$ 642,757								
						Sub-Total	\$ 459,112	\$ 68,867	\$ 114,778	\$ 642,757									
ASSET ID	DRAFT LP #20 ID	C = Catalyst	DESCRIPTION	ASSET DESCRIPTION	DA (mm)	LENGTH (m)	ASSET UNIT VALUE (\$/m)	ADJUSTMENT FACTOR (TERRAIN)	ADJUSTMENT FACTOR (TRENCHLESS CONSTRUCTION)	ADJUSTMENT FACTOR (RIPLEY ROAD)	ADJUSTMENT FACTOR (COMBINED)	OFFSET PROVIDED	OFFSET PERCENTAGE	WATER BRIDGE	WATER BRIDGE COST	WORKS BASE COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST
Recycled Water Mains																			
RWM001	RW001		D&C of trunk Water Main	Recycled Water Pipeline	300	7,913	\$ 393	Y	N	N	1.3				\$ 4,047,727	\$ 607,159	\$ 1,011,932	\$ 5,666,818	
RWM002	RW002		D&C of trunk Water Main	Recycled Water Pipeline	250	2,349	\$ 304	Y	N	N	1.3				\$ 928,268	\$ 139,240	\$ 232,067	\$ 1,299,575	
						Sub-Total	\$ 4,975,995	\$ 746,399	\$ 1,243,999	\$ 6,966,393									
Supply Mains																			
WM001	WM001		D&C of trunk Water Main	Water Main	300	1,177	\$ 393	Y	N	N	1.3	N	0%	N	\$ 601,826	\$ 90,274	\$ 150,456	\$ 842,556	
WM002	WM002		D&C of trunk Water Main	Water Main	300	40	\$ 393	Y	N	N	1.3	N	0%	N	\$ 20,672	\$ 3,101	\$ 5,168	\$ 28,940	
WM003	WM003		D&C of trunk Water Main	Water Main	250	2,238	\$ 304	Y	N	N	1.3	N	0%	N	\$ 884,256	\$ 132,638	\$ 221,064	\$ 1,237,959	
WM004	WM004		D&C of trunk Water Main	Water Main	300	163	\$ 393	Y	N	N	1.3	N	0%	N	\$ 63,522	\$ 14,028	\$ 23,380	\$ 100,930	
WM005	WM005		D&C of trunk Water Main	Water Main	300	3,521	\$ 393	Y	N	N	1.3	N	0%	N	\$ 1,380,971	\$ 270,146	\$ 450,243	\$ 2,101,360	
WM006	WM006		D&C of trunk Water Main	Water Main	300	332	\$ 393	Y	N	N	1.3	N	0%	N	\$ 170,064	\$ 25,510	\$ 42,516	\$ 238,090	
WM007	WM007		D&C of trunk Water Main	Water Main	250	1,706	\$ 304	Y	N	N	1.3	N	0%	N	\$ 674,022	\$ 101,103	\$ 168,506	\$ 943,631	
WM008	WM008		D&C of trunk Water Main	Water Main	250	1,306	\$ 304	Y	N	N	1.3	N	0%	N	\$ 516,157	\$ 77,424	\$ 129,039	\$ 722,620	
WM010	WM010		D&C of trunk Water Main	Water Main	250	525	\$ 304	Y	N	N	1.3	Y	72%	N	\$ 58,098	\$ 8,715	\$ 14,524	\$ 81,337	
WM011	WM011		D&C of trunk Water Main	Water Main	250	272	\$ 304	Y	N	N	1.3	N	0%	N	\$ 107,455	\$ 16,118	\$ 26,864	\$ 150,437	
WM012	WM012		D&C of trunk Water Main	Water Main	250	611	\$ 304	Y	N	N	1.3	N	0%	Y	\$ 204,875	\$ 507,808	\$ 76,171	\$ 1,269,852	
WM013	WM013		D&C of trunk Water Main	Water Main	250	722	\$ 304	Y	N	N	1.3	N	0%	Y	\$ 204,875	\$ 551,480	\$ 82,722	\$ 1,378,070	
WM014	WM014		D&C of trunk Water Main	Water Main	250	3,662	\$ 304	Y	N	N	1.3	N	0%	N	\$ 1,447,167	\$ 217,075	\$ 361,792	\$ 2,026,034	
WM016	WM016	C	D&C of trunk Water Main	Water Main	300	502	\$ 393	Y	Y	N	1.55	N	0%	N	\$ 305,878	\$ 45,882	\$ 76,470	\$ 428,230	
WM017	WM017		D&C of trunk Water Main	Water Main	600	3,293	\$ 1,068	Y	N	N	1.3	N	0%	N	\$ 4,572,483	\$ 685,872	\$ 1,143,121	\$ 6,401,476	
WM018	WM018	C	D&C of trunk Water Main	Water Main	300	671	\$ 393	Y	N	N	1.3	N	0%	N	\$ 343,366	\$ 51,505	\$ 85,841	\$ 480,712	
WM019	WM019		D&C of trunk Water Main	Water Main	300	808	\$ 393	Y	N	N	1.3	N	0%	N	\$ 413,254	\$ 61,988	\$ 103,313	\$ 578,555	
WM020	WM020	C	D&C of trunk Water Main	Water Main	300	586	\$ 393	Y	N	N	1.3	N	0%	N	\$ 289,977	\$ 43,423	\$ 72,369	\$ 405,769	
WM021	WM021		D&C of trunk Water Main	Water Main	250	801	\$ 304	Y	N	N	1.3	N	0%	N	\$ 316,642	\$ 47,496	\$ 79,161	\$ 443,299	
WM026	WM026		D&C of trunk Water Main	Water Main	300	160	\$ 393	Y	N	N	1.3	N	0%	N	\$ 81,831	\$ 12,275	\$ 20,458	\$ 114,564	
WM027	WM027		D&C of trunk Water Main	Water Main	300	254	\$ 393	Y	N	N	1.3	N	0%	N	\$ 129,730	\$ 19,459	\$ 32,432	\$ 181,622	
WM028	WM028		D&C of trunk Water Main	Water Main	250	283	\$ 304	Y	N	N	1.3	N	0%	N	\$ 111,952	\$ 16,793	\$ 27,988	\$ 156,733	
WM029	WM029		D&C of trunk Water Main	Water Main	300	395	\$ 393	Y	N	N	1.3	N	0%	N	\$ 201,799	\$ 30,270	\$ 50,450	\$ 282,519	
WM033	WM033		D&C of trunk Water Main	Water Main	250	269	\$ 304	Y	N	N	1.3	N	0%	N	\$ 106,388	\$ 15,958	\$ 26,597	\$ 148,944	
WM034	WM034		D&C of trunk Water Main	Water Main	250	239	\$ 304	Y	N	N	1.3	Y	77%	N	\$ 21,759	\$ 3,264	\$ 5,440	\$ 30,463	
WM035	WM035		D&C of trunk Water Main	Water Main	250	354	\$ 304	Y	N	N	1.3	N	0%	N	\$ 139,964	\$ 20,995	\$ 34,991	\$ 195,950	
WM036	WM036		D&C of trunk Water Main	Water Main	250	154	\$ 304	Y	N	N	1.3	N	0%	N	\$ 60,736	\$ 9,110	\$ 15,184	\$ 85,031	
WM039	WM039		D&C of trunk Water Main	Water Main	300	203	\$ 393	Y	N	N	1.3	Y	7%	N	\$ 96,630	\$ 14,494	\$ 24,157	\$ 135,281	
WM040	WM040	C	D&C of trunk Water Main	Water Main	300	116	\$ 393	Y	N	Y	1.55	Y	79%	N	\$ 14,858	\$ 2,229	\$ 3,715	\$ 20,802	
WM041	WM041	C	D&C of trunk Water Main	Water Main	300	148	\$ 393	Y	N	Y	1.55	Y	65%	N	\$ 31,524	\$ 4,729	\$ 7,891	\$ 44,133	
WM042	WM042		D&C of trunk Water Main	Water Main	300	173	\$ 393	Y	N	N	1.3	N	0%	N	\$ 88,621	\$ 13,293	\$ 22,155	\$ 124,069	
WM043	WM043	C	D&C of trunk Water Main	Water Main	300	235	\$ 393	Y	N	Y	1.55	N	0%	N	\$ 143,554	\$ 21,533	\$ 35,889	\$ 200,976	
WM044	WM044	C	D&C of trunk Water Main	Water Main	300	237	\$ 393	Y	N	Y	1.55	N	0%	N	\$ 144,586	\$ 21,688	\$ 36,147	\$ 202,421	
WM045	WM045		D&C of trunk Water Main	Water Main	300	201	\$ 393	Y	N	N	1.3	N	0%	N	\$ 102,646	\$ 15,397	\$ 25,662	\$ 143,705	
WM046	WM046		D&C of trunk Water Main	Water Main	300	180	\$ 393	Y	N	N	1.3	N	0%	N	\$ 91,939	\$ 13,791	\$ 22,985	\$ 128,714	
WM047	WM047		D&C of trunk Water Main	Water Main	300	170	\$ 393	Y	N	N	1.3	N	0%	N	\$ 87,069	\$ 13,060	\$ 21,767	\$ 121,896	
WM048	WM048		D&C of trunk Water Main	Water Main	300	169	\$ 393	Y	N	N	1.3	N	0%	N	\$ 86,332	\$ 12,950	\$ 21,683	\$ 120,965	
WM049	WM049		D&C of trunk Water Main	Water Main	300	220	\$ 393	Y	N	N	1.3	N	0%	N	\$ 112,412	\$ 16,862	\$ 28,103	\$ 157,377	
WM050	WM050		D&C of trunk Water Main	Water Main	300	203	\$ 393	Y	N	N	1.3	N	0%	N	\$ 103,750	\$ 15,562	\$ 25,937	\$ 145,250	
WM051	WM051		D&C of trunk Water Main	Water Main	300	71	\$ 393	Y	N	N	1.3	N	0%	N	\$ 36,456	\$ 5,468	\$ 9,114	\$ 51,039	
WM052	WM052	C	D&C of trunk Water Main	Water Main	300	407	\$ 393	Y	N	Y	1.55	Y	78%	N	\$ 54,560	\$ 8,184	\$ 13,640	\$ 76,385	
WM053	WM053	C	D&C of trunk Water Main	Water Main	300	205	\$ 393	Y	N	Y	1.55	N	0%	N	\$ 126,920	\$ 19,038	\$ 31,730	\$ 177,688	
WM054	WM054		D&C of trunk Water Main	Water Main	300	185	\$ 393	Y	N	N	1.3	N	0%	N	\$ 94,748	\$ 14,212	\$ 23,697	\$ 132,648	
WM055	WM055		D&C of trunk Water Main	Water Main	300	109	\$ 393	Y	N	N	1.3	N	0%	N	\$ 55,881	\$ 8,352	\$ 13,920	\$ 77,954	
WM056	WM056		D&C of trunk Water Main	Water Main	300	222	\$ 393	Y	N	N	1.3	N	0%	N	\$ 113,546	\$ 17,032	\$ 28,387	\$ 158,964	
WM057	WM057		D&C of trunk Water Main	Water Main	300	168	\$ 393	Y	N	N	1.3	N	0%	N	\$ 85,958	\$ 12,894	\$ 21,489	\$ 120,341	
WM058	WM058		D&C of trunk Water Main	Water Main	300	211	\$ 393	Y	N	N	1.3	N	0%	N	\$ 108,085	\$ 16,213	\$ 27,021	\$ 151,319	
WM059	WM059		D&C of trunk Water Main	Water Main	300	307	\$ 393	Y	N	N	1.3	N	0%	N	\$ 156,854	\$ 23,528	\$ 39,214	\$ 219,596	
WM060	WM060		D&C of trunk Water Main	Water Main	300	312	\$ 393	Y	N	N	1.3	N	0%	N	\$ 159,523	\$ 23,928	\$ 39,881	\$ 223,332	
WM061	WM061		D&C of trunk Water Main	Water Main	300	212	\$ 393	Y	N	N	1.3	N	0%	N	\$ 108,414	\$ 16,262	\$ 27,104	\$ 151,780	
WM062	WM062		D&C of trunk Water Main	Water Main	300	306	\$ 393	Y	N	N	1.3	N	0%	N	\$ 156,566	\$ 23,485	\$ 39,141	\$ 219,192	
WM063	WM063		D&C of trunk Water Main	Water Main	300	217	\$ 393	Y	N	N	1.3	N	0%	N	\$ 111,249	\$ 16,687	\$ 27,812	\$ 155,749	
WM064	WM064		D&C of trunk Water Main	Water Main	300	62													

Ripley Valley Priority Development Area

WM081	WM081		D&C of trunk Water Main	Water Main	300	111	\$ 393	Y	N	N	1.3	N	0%	N		\$ 56,610	\$ 8,492	\$ 14,153	\$ 79,254	
WM082	WM082		D&C of trunk Water Main	Water Main	300	165	\$ 393	Y	N	N	1.3	N	0%	N		\$ 84,298	\$ 12,645	\$ 21,074	\$ 118,017	
WM083	WM083		D&C of trunk Water Main	Water Main	300	100	\$ 393	Y	N	N	1.3	N	0%	N		\$ 50,993	\$ 7,649	\$ 12,748	\$ 71,390	
WM084	WM084		D&C of trunk Water Main	Water Main	250	1,197	\$ 304	Y	N	N	1.3	N	0%	N		\$ 473,122	\$ 70,968	\$ 118,280	\$ 662,370	
WM085	WM085		D&C of trunk Water Main	Water Main	300	111	\$ 393	Y	N	N	1.3	N	0%	N		\$ 57,034	\$ 8,555	\$ 14,259	\$ 79,848	
WM086	WM086		D&C of trunk Water Main	Water Main	450	2,290	\$ 675	Y	N	N	1.3	N	0%	N		\$ 2,008,483	\$ 301,272	\$ 502,121	\$ 2,811,876	
WM087	WM087		D&C of trunk Water Main	Water Main	300	326	\$ 393	Y	N	N	1.3	N	0%	N		\$ 166,743	\$ 25,011	\$ 41,686	\$ 233,440	
WM088	WM088		D&C of trunk Water Main	Water Main	300	335	\$ 393	Y	N	N	1.3	N	0%	N		\$ 171,560	\$ 25,734	\$ 42,890	\$ 240,184	
WM089	WM089		D&C of trunk Water Main	Water Main	300	676	\$ 393	Y	N	N	1.3	N	0%	N		\$ 345,988	\$ 51,898	\$ 86,497	\$ 484,383	
WM090	WM090		D&C of trunk Water Main	Water Main	300	428	\$ 393	Y	N	N	1.3	N	0%	N		\$ 218,995	\$ 32,849	\$ 54,749	\$ 306,592	
WM091	WM091		D&C of trunk Water Main	Water Main	300	1,283	\$ 393	Y	N	N	1.3	N	0%	N		\$ 656,232	\$ 98,435	\$ 164,058	\$ 918,725	
WM092	WM092		D&C of trunk Water Main	Water Main	300	787	\$ 393	Y	N	N	1.3	N	0%	N		\$ 402,724	\$ 60,409	\$ 100,681	\$ 563,814	
WM093	WM093		D&C of trunk Water Main	Water Main	300	380	\$ 393	Y	N	N	1.3	N	0%	N		\$ 194,632	\$ 29,195	\$ 48,558	\$ 272,484	
WM094	WM094		D&C of trunk Water Main	Water Main	250	304	\$ 304	Y	N	N	1.3	N	0%	N		\$ 119,596	\$ 17,999	\$ 29,999	\$ 167,994	
WM095	WM095		D&C of trunk Water Main	Water Main	250	183	\$ 304	Y	N	N	1.3	N	0%	N		\$ 72,460	\$ 10,869	\$ 18,115	\$ 101,444	
WM096	WM096		D&C of trunk Water Main	Water Main	300	587	\$ 393	Y	N	N	1.3	N	0%	N		\$ 300,175	\$ 45,026	\$ 75,044	\$ 420,245	
WM097	WM097		D&C of trunk Water Main	Water Main	375	847	\$ 524	Y	N	N	1.3	N	0%	N		\$ 576,208	\$ 86,431	\$ 144,052	\$ 806,691	
WM098	WM098		D&C of trunk Water Main	Water Main	300	816	\$ 393	Y	N	N	1.3	N	0%	N		\$ 417,598	\$ 62,640	\$ 104,399	\$ 584,637	
WM099	WM099	C	D&C of trunk Water Main	Water Main	300	1,026	\$ 393	Y	N	N	1.3	N	0%	N		\$ 525,005	\$ 78,751	\$ 131,251	\$ 735,007	
WM100	WM100	C	D&C of trunk Water Main	Water Main	300	81	\$ 393	Y	N	N	1.3	N	0%	N		\$ 41,405	\$ 6,211	\$ 10,351	\$ 57,967	
WM101	WM101	C	D&C of trunk Water Main	Water Main	300	229	\$ 393	Y	N	N	1.3	N	0%	N		\$ 117,030	\$ 17,555	\$ 29,258	\$ 163,842	
WM102	WM102		D&C of trunk Water Main	Water Main	250	383	\$ 304	Y	N	N	1.3	Y	48%	N		\$ 78,631	\$ 11,795	\$ 19,658	\$ 110,083	
WM103	WM103		D&C of trunk Water Main	Water Main	250	280	\$ 304	Y	N	N	1.3	Y	69%	N		\$ 34,319	\$ 5,148	\$ 8,580	\$ 48,047	
WM104	WM104		D&C of trunk Water Main	Water Main	250	87	\$ 304	Y	N	N	1.3	N	0%	N		\$ 34,278	\$ 5,142	\$ 8,570	\$ 47,989	
WM105	WM105		D&C of trunk Water Main	Water Main	250	1,561	\$ 304	Y	N	N	1.3	N	0%	N		\$ 16,590	\$ 92,535	\$ 154,225	\$ 663,660	
WM106	WM106		D&C of trunk Water Main	Water Main	250	462	\$ 304	Y	N	N	1.3	N	0%	N		\$ 182,673	\$ 27,401	\$ 45,568	\$ 255,742	
WM107	WM107		D&C of trunk Water Main	Water Main	250	1,487	\$ 304	Y	N	N	1.3	N	0%	N		\$ 587,588	\$ 88,135	\$ 146,892	\$ 822,595	
WM108	WM108		D&C of trunk Water Main	Water Main	250	1,018	\$ 304	Y	N	N	1.3	N	0%	N		\$ 402,197	\$ 60,329	\$ 100,549	\$ 563,075	
WM109	WM109		D&C of trunk Water Main	Water Main	300	931	\$ 393	Y	N	N	1.3	N	0%	N		\$ 476,163	\$ 71,424	\$ 119,041	\$ 666,628	
WM110	WM110		D&C of trunk Water Main	Water Main	300	408	\$ 393	Y	N	N	1.3	N	0%	N		\$ 208,636	\$ 31,295	\$ 52,159	\$ 292,091	
WM111	WM111		D&C of trunk Water Main	Water Main	300	1,657	\$ 393	Y	N	N	1.3	N	0%	N		\$ 847,640	\$ 127,146	\$ 211,910	\$ 1,186,696	
WM112	WM112		D&C of trunk Water Main	Water Main	250	527	\$ 304	Y	N	N	1.3	N	0%	N		\$ 208,367	\$ 31,255	\$ 52,092	\$ 291,714	
WM113	WM113		D&C of trunk Water Main	Water Main	250	318	\$ 304	Y	N	N	1.3	N	0%	N		\$ 125,677	\$ 18,852	\$ 31,419	\$ 175,948	
WM114	WM114		D&C of trunk Water Main	Water Main	250	823	\$ 304	Y	N	N	1.3	N	0%	N		\$ 325,241	\$ 48,786	\$ 81,310	\$ 455,337	
WM115	WM115		D&C of trunk Water Main	Water Main	250	1,027	\$ 304	Y	N	N	1.3	N	0%	N		\$ 405,626	\$ 60,844	\$ 101,407	\$ 567,877	
WM116	WM116		D&C of trunk Water Main	Water Main	250	1,085	\$ 304	Y	N	N	1.3	N	0%	N		\$ 428,640	\$ 64,296	\$ 107,160	\$ 600,096	
WM117	WM117		D&C of trunk Water Main	Water Main	300	1,556	\$ 393	Y	N	N	1.3	N	0%	N		\$ 795,971	\$ 119,396	\$ 198,993	\$ 1,114,359	
WM118	WM118		D&C of trunk Water Main	Water Main	250	979	\$ 304	Y	N	N	1.3	N	0%	N		\$ 386,900	\$ 58,035	\$ 96,725	\$ 541,660	
WM119	WM119		D&C of trunk Water Main	Water Main	300	1,974	\$ 393	Y	N	N	1.3	N	0%	N		\$ 1,009,676	\$ 151,451	\$ 252,419	\$ 1,413,546	
WM120	WM120		D&C of trunk Water Main	Water Main	250	1,273	\$ 304	Y	N	N	1.3	N	0%	N		\$ 503,074	\$ 75,461	\$ 125,768	\$ 704,303	
WM121	WM121		D&C of trunk Water Main	Water Main	250	1,160	\$ 304	Y	N	N	1.3	N	0%	N		\$ 458,438	\$ 68,766	\$ 114,609	\$ 641,813	
WM122	WM122		D&C of trunk Water Main	Water Main	250	628	\$ 304	Y	N	N	1.3	N	0%	N		\$ 248,032	\$ 37,205	\$ 62,008	\$ 347,245	
WM123	WM123		D&C of trunk Water Main	Water Main	250	806	\$ 304	Y	N	N	1.3	N	0%	N		\$ 318,561	\$ 47,784	\$ 79,640	\$ 445,985	
WM124	WM124		D&C of trunk Water Main	Water Main	600	1,062	\$ 1,068	Y	N	N	1.3	N	0%	N		\$ 1,474,747	\$ 221,212	\$ 368,687	\$ 2,064,645	
WM125	WM125		D&C of trunk Water Main	Water Main	250	238	\$ 304	Y	N	N	1.3	N	0%	N		\$ 94,041	\$ 14,106	\$ 23,510	\$ 131,658	
WM126	WM126		D&C of trunk Water Main	Water Main	250	166	\$ 304	Y	N	N	1.3	N	0%	N		\$ 65,638	\$ 9,846	\$ 16,409	\$ 91,893	
WM127	WM127		D&C of trunk Water Main	Water Main	250	206	\$ 304	Y	N	N	1.3	N	0%	N		\$ 81,576	\$ 12,236	\$ 20,394	\$ 114,207	
WM128	WM128		D&C of trunk Water Main	Water Main	250	206	\$ 304	Y	N	N	1.3	N	0%	N		\$ 81,411	\$ 12,212	\$ 20,353	\$ 113,976	
WM129	WM129		D&C of trunk Water Main	Water Main	250	187	\$ 304	Y	N	N	1.3	N	0%	N		\$ 73,767	\$ 11,065	\$ 18,442	\$ 103,274	
WM130	WM130		D&C of trunk Water Main	Water Main	250	572	\$ 304	Y	N	N	1.3	N	0%	N		\$ 226,050	\$ 33,908	\$ 56,513	\$ 316,470	
WM131	WM131		D&C of trunk Water Main	Water Main	250	423	\$ 304	Y	N	N	1.3	N	0%	N		\$ 167,328	\$ 25,099	\$ 41,832	\$ 234,259	
WM132	WM132		D&C of trunk Water Main	Water Main	250	583	\$ 304	Y	N	N	1.3	N	0%	N		\$ 230,449	\$ 34,567	\$ 57,612	\$ 322,628	
WM133	WM133		D&C of trunk Water Main	Water Main	250	738	\$ 304	Y	N	N	1.3	N	0%	N		\$ 291,771	\$ 43,766	\$ 72,943	\$ 408,479	
WM134	WM134		D&C of trunk Water Main	Water Main	250	340	\$ 304	Y	N	N	1.3	N	0%	N		\$ 134,265	\$ 20,140	\$ 33,566	\$ 187,971	
WM135	WM135		D&C of trunk Water Main	Water Main	250	341	\$ 304	Y	N	N	1.3	N	0%	N		\$ 134,935	\$ 20,240	\$ 33,734	\$ 188,909	
WM136	WM136		D&C of trunk Water Main	Water Main	250	356	\$ 304	Y	N	N	1.3	N	0%	N		\$ 140,668	\$ 21,100	\$ 35,167	\$ 196,936	
WM137	WM137		D&C of trunk Water Main	Water Main	250	447	\$ 304	Y	N	N	1.3	N	0%	N		\$ 176,783	\$ 26,517	\$ 44,196	\$ 247,496	
WM138	WM138		D&C of trunk Water Main	Water Main	250	232	\$ 304	Y	N	N	1.3	N	0%	N		\$ 91,690	\$ 13,754	\$ 22,923	\$ 128,366	
WM139	WM139		D&C of trunk Water Main	Water Main	250	485	\$ 304	Y	N	N	1.3	N	0%	N		\$ 191,509	\$ 28,726	\$ 47,877	\$ 268,112	
WM140	WM140		D&C of trunk Water Main	Water Main	250	455	\$ 304	Y	N	N	1.3	N	0%	N		\$ 179,844	\$ 26,977	\$ 44,961	\$ 251,781	
Sub-Total																\$ 409,749	\$ 43,617,428	\$ 6,542,614	\$ 10,904,357	\$ 61,064,399
TOTAL																\$ 524,527	\$ 55,815,579	\$ 8,372,337	\$ 13,953,895	\$ 78,266,588

Municipal Water Supply Network
Ripley Valley Existing Assets

ASSET ID	DRAFT LIP/200 ID	C = Catalyst	DESCRIPTION	ASSET DESCRIPTION	DIA (mm)	LENGTH (m)	OFFSET PROVIDED	OFFSET PERCENTAGE	OFFSET AMOUNT
Potable Water Supply									
Water Mains									
WM009	WM009		D&C of trunk Water Main	Water Main	250	356	Y	100%	\$ 69,813
WM010	WP038		D&C of trunk Water Main	Water Main	250	525	Y	72%	\$ 79,773
WM015	WM015	C	D&C of trunk Water Main	Water Main	300	144	Y	100%	\$ 454,791
WM022	WM022	C	D&C of trunk Water Main	Water Main	300	161	Y	100%	\$ 454,791
WM023	WM023		D&C of trunk Water Main	Water Main	300	182	Y	100%	\$ 32,532
WM024	WM024		D&C of trunk Water Main	Water Main	300	276	Y	100%	\$ 32,532
WM025	WM025		D&C of trunk Water Main	Water Main	300	119	Y	100%	\$ 32,532
WM030	WM030		D&C of trunk Water Main	Water Main	250	180	Y	100%	\$ 29,337
WM031	WM031		D&C of trunk Water Main	Water Main	250	159	Y	100%	\$ 29,337
WM032	WM032		D&C of trunk Water Main	Water Main	250	135	Y	100%	\$ 69,854
WM034	WP087		D&C of trunk Water Main	Water Main	250	239	Y	77%	\$ 47,442
WM037	WM037	C	D&C of trunk Water Main	Water Main	300	88	Y	100%	\$ 37,684
WM038	WM038	C	D&C of trunk Water Main	Water Main	300	336	Y	100%	\$ 146,516
WM039	WP097		D&C of trunk Water Main	Water Main	300	203	Y	7%	\$ 8,351
WM040	WP102	C	D&C of trunk Water Main	Water Main	300	116	Y	79%	\$ 76,043
WM041	WP103	C	D&C of trunk Water Main	Water Main	300	148	Y	65%	\$ 96,361
WM052	WP119	C	D&C of trunk Water Main	Water Main	300	407	Y	78%	\$ 54,529
WM067	WM067		D&C of trunk Water Main	Water Main	300	1,796	Y	100%	\$ 454,791
WM102	WP267		D&C of trunk Water Main	Water Main	250	383	Y	48%	\$ 55,457
WM103	WP268		D&C of trunk Water Main	Water Main	250	280	Y	69%	\$ 38,046
TOTAL									\$ 2,300,511

Municipal Sewerage Network

Ripley Valley Future Assets

ASSET ID	DRAFT LP v20 ID	C - Catalyst	DESCRIPTION	ASSET DESCRIPTION	DIA (mm)	LENGTH (m)	OFFSET PROVIDED	OFFSET PERCENTAGE	SEWER BRIDGE (10% CONTINGENCY)	ADJUSTMENT FACTOR (TERRAIN)	ADJUSTMENT FACTOR (COMBINED)	WORKS COST PER UNIT (\$/m)	WORKS BASE COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST	
																	50%
Sewer Infrastructure Network																	
Gravity Mains																	
SGM001	SGM001		Design and Construct Sewerage Infrastructure	sewer gravity main	500	2,079	N	0%	N	Y	1.5	\$ 613	\$ 1,911,814	\$ 286,772	\$ 477,954	\$ 2,676,540	
SGM002	SGM002		Design and Construct Sewerage Infrastructure	sewer gravity main	300	93	N	0%	N	Y	1.5	\$ 384	\$ 53,350	\$ 8,002	\$ 13,337	\$ 74,689	
SGM003	SGM003	C	Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	675	216	N	0%	N	Y	1.5	\$ 896	\$ 236,497	\$ 42,973	\$ 71,622	\$ 401,081	
SGM004	SGM004	C	Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	600	715	N	0%	N	Y	1.5	\$ 762	\$ 817,036	\$ 122,553	\$ 204,253	\$ 1,143,851	
SGM005	SGM005	C	Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	525	114	N	0%	N	Y	1.5	\$ 654	\$ 111,828	\$ 16,774	\$ 27,957	\$ 156,560	
SGM006	SGM006	C	Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	525	673	N	0%	N	Y	1.5	\$ 654	\$ 660,304	\$ 99,046	\$ 165,076	\$ 924,425	
SGM007	SGM007	C	Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	450	1,705	N	0%	N	Y	1.5	\$ 552	\$ 1,410,767	\$ 211,615	\$ 352,692	\$ 1,975,074	
SGM008	SGM008		Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	375	897	N	0%	N	Y	1.5	\$ 488	\$ 656,644	\$ 98,497	\$ 164,161	\$ 919,301	
SGM009	SGM009		Design and Construct Sewerage Infrastructure	sewer gravity main	300	917	N	0%	N	Y	1.5	\$ 384	\$ 528,610	\$ 79,292	\$ 132,153	\$ 740,054	
SGM010	SGM010		Design and Construct Sewerage Infrastructure	sewer gravity main	300	463	N	0%	N	Y	1.5	\$ 384	\$ 267,009	\$ 40,051	\$ 66,752	\$ 373,813	
SGM011	SGM011	C	Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	375	716	N	0%	N	Y	1.5	\$ 488	\$ 524,146	\$ 78,622	\$ 131,036	\$ 733,804	
SGM012	SGM012		Design and Construct Sewerage Infrastructure	sewer gravity main - Deebing Creek	300	224	N	0%	N	Y	1.5	\$ 384	\$ 128,859	\$ 19,329	\$ 32,215	\$ 180,403	
SGM013	SGM013		Design and Construct Sewerage Infrastructure	sewer gravity main	450	988	N	0%	N	Y	1.5	\$ 552	\$ 817,814	\$ 122,672	\$ 204,453	\$ 1,144,939	
SGM014	SGM014		Design and Construct Sewerage Infrastructure	sewer gravity main	300	313	N	0%	N	Y	1.5	\$ 384	\$ 180,243	\$ 27,036	\$ 45,061	\$ 252,340	
SGM015	SGM015		Design and Construct Sewerage Infrastructure	sewer gravity main	300	1,263	N	0%	N	Y	1.5	\$ 384	\$ 727,869	\$ 109,180	\$ 181,967	\$ 1,019,017	
SGM016	SGM016		Design and Construct Sewerage Infrastructure	sewer gravity main	300	808	N	0%	N	Y	1.5	\$ 384	\$ 350,310	\$ 52,546	\$ 87,577	\$ 490,434	
SGM017	SGM017		Design and Construct Sewerage Infrastructure	sewer gravity main	525	274	N	0%	N	Y	1.5	\$ 654	\$ 268,290	\$ 40,243	\$ 67,072	\$ 375,606	
SGM018	SGM018		Design and Construct Sewerage Infrastructure	sewer pipe bridge over Bundamba Creek (10% contingency)	525	70	N	0%	Y	N	1		\$ 415,219	\$ 62,283	\$ 41,522	\$ 519,024	
SGM019	SGM019		Design and Construct Sewerage Infrastructure	sewer gravity main	600	1,093	N	0%	N	Y	1.5	\$ 762	\$ 1,249,815	\$ 187,472	\$ 312,454	\$ 1,749,742	
SGM020	SGM020		Design and Construct Sewerage Infrastructure	sewer gravity main	525	1,962	N	0%	N	Y	1.5	\$ 654	\$ 1,923,449	\$ 288,517	\$ 480,862	\$ 2,692,829	
SGM021	SGM021		Design and Construct Sewerage Infrastructure	sewer gravity main	450	1,067	N	0%	N	Y	1.5	\$ 552	\$ 882,916	\$ 132,437	\$ 220,729	\$ 1,236,083	
SGM022	SGM022		Design and Construct Sewerage Infrastructure	sewer gravity main	300	1,168	N	0%	N	Y	1.5	\$ 384	\$ 672,960	\$ 100,944	\$ 168,240	\$ 942,144	
SGM023	SGM023		Design and Construct Sewerage Infrastructure	sewer gravity main	375	754	N	0%	N	Y	1.5	\$ 488	\$ 551,999	\$ 82,800	\$ 138,000	\$ 772,799	
SGM024	SGM024		Design and Construct Sewerage Infrastructure	sewer gravity main	375	1,189	N	0%	N	Y	1.5	\$ 488	\$ 870,793	\$ 130,619	\$ 217,698	\$ 1,219,111	
SGM025	SGM025		Design and Construct Sewerage Infrastructure	sewer gravity main	300	688	N	0%	N	Y	1.5	\$ 384	\$ 396,152	\$ 59,423	\$ 99,038	\$ 554,612	
SGM027	SGM027		Design and Construct Sewerage Infrastructure	sewer gravity main	300	420	Y	15%	N	Y	1.5	\$ 384	\$ 205,588	\$ 30,838	\$ 51,397	\$ 287,823	
SGM030	SGM030		Design and Construct Sewerage Infrastructure	Ultimate - sewer gravity main	675	344	N	0%	N	Y	1.5	\$ 886	\$ 456,953	\$ 68,543	\$ 114,238	\$ 639,735	
SGM032	SGM032		Design and Construct Sewerage Infrastructure	Ultimate - sewer gravity main (Crossing conduit across Barrams Rd)	675	23	N	0%	N	Y	1.5	\$ 886	\$ 30,062	\$ 4,508	\$ 7,515	\$ 42,087	
SGM033	SGM033		Design and Construct Sewerage Infrastructure	Ultimate - sewer gravity main	675	289	N	0%	N	Y	1.5	\$ 886	\$ 384,440	\$ 57,666	\$ 96,110	\$ 538,216	
SGM034	SGM034		Design and Construct Sewerage Infrastructure	Interim - sewer gravity main	525	283	Y	86%	N	Y	1.5	\$ 654	\$ 38,875	\$ 5,831	\$ 9,719	\$ 54,424	
SGM035	SGM035		Design and Construct Sewerage Infrastructure	Ultimate - sewer gravity main	600	404	N	0%	N	Y	1.5	\$ 762	\$ 461,408	\$ 69,211	\$ 115,352	\$ 645,971	
SGM036	SGM036		Design and Construct Sewerage Infrastructure	sewer gravity main	375	470	Y	93%	N	Y	1.5	\$ 488	\$ 24,101	\$ 3,615	\$ 6,025	\$ 33,741	
SGM037	SGM037		Design and Construct Sewerage Infrastructure	Interim - sewer gravity main	375	226	Y	86%	N	Y	1.5	\$ 488	\$ 23,183	\$ 3,478	\$ 5,796	\$ 32,457	
SGM038	SGM038		Design and Construct Sewerage Infrastructure	Ultimate - sewer gravity main	600	194	N	0%	N	Y	1.5	\$ 762	\$ 222,047	\$ 33,307	\$ 55,512	\$ 310,866	
SGM040	SGM040		Design and Construct Sewerage Infrastructure	sewer gravity main	300	268	N	0%	N	Y	1.5	\$ 384	\$ 154,180	\$ 23,127	\$ 38,545	\$ 215,851	
SGM041	SGM041		Design and Construct Sewerage Infrastructure	sewer gravity main	375	1,011	Y	7%	N	Y	1.5	\$ 488	\$ 688,284	\$ 103,243	\$ 172,071	\$ 963,598	
SGM043	SGM043		Design and Construct Sewerage Infrastructure	sewer gravity main	375	462	N	0%	N	Y	1.5	\$ 488	\$ 338,630	\$ 50,794	\$ 84,657	\$ 474,081	
SGM044	SGM044		Design and Construct Sewerage Infrastructure	sewer gravity main	525	468	N	0%	N	Y	1.5	\$ 654	\$ 458,663	\$ 68,799	\$ 114,666	\$ 642,128	
SGM045	SGM045		Design and Construct Sewerage Infrastructure	sewer gravity main	300	175	Y	0%	N	Y	1.5	\$ 384	\$ 100,944	\$ 15,142	\$ 25,236	\$ 141,322	
SGM046	SGM046		Design and Construct Sewerage Infrastructure	sewer gravity main	300	725	N	0%	N	Y	1.5	\$ 384	\$ 417,658	\$ 62,849	\$ 104,415	\$ 584,722	
SGM047	SGM047		Design and Construct Sewerage Infrastructure	sewer gravity main	375	302	N	0%	N	Y	1.5	\$ 488	\$ 221,408	\$ 33,211	\$ 58,353	\$ 309,971	
SGM048	SGM048		Design and Construct Sewerage Infrastructure	sewer gravity main	375	240	N	0%	N	Y	1.5	\$ 488	\$ 175,801	\$ 26,370	\$ 43,950	\$ 246,121	
SGM049	SGM049		Design and Construct Sewerage Infrastructure	sewer gravity main	375	746	Y	22%	N	Y	1.5	\$ 488	\$ 425,998	\$ 63,900	\$ 106,500	\$ 596,398	
SGM051	SGM051		Design and Construct Sewerage Infrastructure	sewer gravity main	450	349	N	0%	N	Y	1.5	\$ 552	\$ 288,850	\$ 43,328	\$ 72,213	\$ 404,390	
SGM052	SGM052		Design and Construct Sewerage Infrastructure	sewer gravity main	300	284	N	0%	N	Y	1.5	\$ 384	\$ 163,361	\$ 24,504	\$ 40,840	\$ 228,705	
SGM054	SGM054		Design and Construct Sewerage Infrastructure	sewer gravity main	300	1,119	N	0%	N	Y	1.5	\$ 384	\$ 644,895	\$ 96,734	\$ 161,224	\$ 902,853	
SGM055	SGM055		Design and Construct Sewerage Infrastructure	sewer gravity main	300	716	N	0%	N	Y	1.5	\$ 384	\$ 412,664	\$ 61,900	\$ 103,166	\$ 577,729	
SGM056	SGM056		Design and Construct Sewerage Infrastructure	sewer gravity main	525	340	Y	0%	N	Y	1.5	\$ 654	\$ 333,424	\$ 50,014	\$ 83,356	\$ 466,794	
SGM057	SGM057		Design and Construct Sewerage Infrastructure	sewer gravity main	525	560	N	0%	N	Y	1.5	\$ 654	\$ 549,280	\$ 82,392	\$ 137,320	\$ 768,993	
SGM058	SGM058		Design and Construct Sewerage Infrastructure	sewer gravity main	450	633	N	0%	N	Y	1.5	\$ 552	\$ 523,998	\$ 78,600	\$ 131,000	\$ 733,597	
SGM059	SGM059		Design and Construct Sewerage Infrastructure	sewer gravity main	375	206	N	0%	N	Y	1.5	\$ 488	\$ 150,490	\$ 22,574	\$ 37,623	\$ 210,686	
SGM060	SGM060		Design and Construct Sewerage Infrastructure	sewer gravity main	300	495	N	0%	N	Y	1.5	\$ 384	\$ 285,446	\$ 42,817	\$ 71,361	\$ 399,624	
SGM061	SGM061		Design and Construct Sewerage Infrastructure	sewer gravity main	300	387	N	0%	N	Y	1.5	\$ 384	\$ 222,749	\$ 33,412	\$ 55,687	\$ 311,848	
SGM062	SGM062		Design and Construct Sewerage Infrastructure	sewer gravity main	300	196	N	0%	N	Y	1.5	\$ 384	\$ 113,047	\$ 16,957	\$ 28,262	\$ 158,266	
SGM063	SGM063		Design and Construct Sewerage Infrastructure	sewer pipe bridge over Bundamba Creek (10% contingency)	300	22	N	0%	Y	N	1		\$ 415,219	\$ 62,283	\$ 41,522	\$ 519,024	
SGM064	SGM064		Design and Construct Sewerage Infrastructure	sewer gravity main	375	274	N	0%	N	Y	1.5	\$ 488	\$ 200,629	\$ 30,094	\$ 50,157	\$ 280,880	
SGM065	SGM065		Design and Construct Sewerage Infrastructure	sewer pipe bridge over Bundamba Creek (10% contingency)	375	24	N	0%	Y	N	1		\$ 415,219	\$ 62,283	\$ 41,522	\$ 519,024	
SGM066	SGM066		Design and Construct Sewerage Infrastructure	sewer gravity main	300	292	N	0%	N	Y	1.5	\$ 384	\$ 167,978	\$ 25,197	\$ 41,994	\$ 235,169	
													Sub-Total	\$ 26,380,157	\$ 3,957,023	\$ 6,408,191	\$ 36,745,371
Pump Stations																	
50%																	
SPS004A	SPS004A		Design and Construct Sewage Pumping Station	Upgrade to Aulds Pump Station						Y	1.5	\$ 375,424	\$ 563,136	\$ 84,470	\$ 140,784	\$ 788,391	
													Sub-Total	\$ 563,136	\$ 84,470	\$ 140,784	\$ 788,391
Sewer Storage Tank																	
30%																	
SST001	ST001		Design and Construct Sewerage Storage Tank	50kL storage						Y	1.3	\$ 288,788	\$ 375,425	\$ 56,314	\$ 93,856	\$ 525,595	
													Sub-Total	\$ 375,425	\$ 56,314	\$ 93,856	\$ 525,595
Rising Mains																	
25% 30%																	
SRM001	SR001	C	Design and Construct Sewerage Infrastructure	Part of the 1 stage Rising Main from Nevis St pump station to Ripley Village Main	200	1,521	Y	36%	Y	Y	1.55	\$ 188	\$ 284,327	\$ 42,649	\$ 71,082	\$ 398,058	
SRM002	SR002	C	Design and Construct Sewerage Infrastructure	Part of the 2 stage Rising Main from Nevis St pump station to Ripley Village Main	200	1,521	Y	36%	Y	Y	1.55	\$ 188	\$ 284,327	\$ 42,649	\$ 71,082	\$ 398,058	
													Sub-Total	\$ 568,654	\$ 85,298	\$ 142,163	\$ 796,115
													TOTAL	\$ 27,887,372	\$ 4,183,106	\$ 6,784,994	\$ 38,855,472

Municipal Sewerage Network

Ripley Valley Existing Assets

ASSET ID	DRAFT LIP V201 ID	C = Canceled	DESCRIPTION	ASSET DESCRIPTION	DIA (mm)	LENGTH (m)	OFFSET PROVIDED	OFFSET PERCENTAGE	OFFSET AMOUNT
Sewer Infrastructure Network									
Gravity Mains									
SGM026	SGM026		Design and Construct Sewerage Infrastructure	sewer gravity main	375	586	Y	100%	\$ 157,680
SGM027	SG068		Design and Construct Sewerage Infrastructure	sewer gravity main	300	420	Y	15%	\$ 133,730
SGM028	SGM028		Design and Construct Sewerage Infrastructure	Interim - sewer gravity main	450	81	Y	100%	\$ 134,413
SGM029	SGM029		Design and Construct Sewerage Infrastructure	Interim - sewer gravity main	450	197	Y	100%	\$ 134,413
SGM031	SGM031		Design and Construct Sewerage Infrastructure	Interim - sewer gravity main	450	425	Y	100%	\$ 98,020
SGM034	SG071		Design and Construct Sewerage Infrastructure	Interim - sewer gravity main	525	283	Y	86%	\$ 99,168
SGM036	SG073		Design and Construct Sewerage Infrastructure	sewer gravity main	375	470	Y	93%	\$ 315,002
SGM037	SG074A		Design and Construct Sewerage Infrastructure	Interim - sewer gravity main	375	226	Y	86%	\$ 167,021
SGM039	SGM039		Design and Construct Sewerage Infrastructure	sewer gravity main	300	268	Y	100%	\$ 321,358
SGM041	SG080		Design and Construct Sewerage Infrastructure	sewer gravity main	375	1,011	Y	7%	\$ 36,036
SGM042	SGM042		Design and Construct Sewerage Infrastructure	sewer gravity main (approx length)	375	371	Y	100%	\$ 423,279
SGM045	SG085A		Design and Construct Sewerage Infrastructure	sewer gravity main	300	175	Y	0%	\$ 59,578
SGM049	SG089		Design and Construct Sewerage Infrastructure	sewer gravity main	375	746	Y	22%	\$ 70,118
SGM050	SGM050		Design and Construct Sewerage Infrastructure	sewer gravity main	375	360	Y	100%	\$ 208,918
SGM053	SGM053		Design and Construct Sewerage Infrastructure	Monteree gravity main (Already built - size to be confirmed)	450	740	Y	100%	\$ 414,699
SGM056	SG111		Design and Construct Sewerage Infrastructure	sewer gravity main	525	340	Y	0%	\$ 369,093
SGM067	SGM067		Design and Construct Sewerage Infrastructure	sewer gravity main	300	314	Y	100%	\$ 427,991
SGM068	SGM068		Design and Construct Sewerage Infrastructure	sewer gravity main	375	122	Y	100%	\$ 166,290
Sub-Total									\$ 3,736,806
Pump Station									
SPS002	SPS002	C	Design and Construct Sewerage Infrastructure	Aulds Pump Station			Y	100%	\$ 1,215,420
SPS004	SPS004	C	Design and Construct Sewerage Infrastructure	Aulds Pump Station			Y	100%	\$ 1,215,420
Sub-Total									\$ 2,430,841
Rising Main									
SRM001	SR001	C	Design and Construct Sewerage Infrastructure	Part of the 1 stage Rising Main from Nevis St pump station to Ripley Village Main	200	1,521	Y	36%	\$ 954,907
SRM002	SR002	C	Design and Construct Sewerage Infrastructure	Part of the 2 stage Rising Main from Nevis St pump station to Ripley Village Main	200	1,521	Y	36%	\$ 560,082
Sub-Total									\$ 1,514,989
TOTAL									\$ 7,682,635

Ripley Valley Priority Development Area

Municipal Transport Network

Ripley Valley Future Assets

ASSET ID	DRAFT LIP v2.0 ID	C - Category	ASSET DESCRIPTION	HIERARCHY	ROAD TYPE	STAGED CONSTRUCTION	ADJUSTMENT FACTOR (RIPLEY ROAD)	SAFETY WORKS	OFF-SET PROVIDED	OFF-SET PERCENTAGE	REQUIRED ROAD RESERVE WIDTH (m)	ASSUMED EXISTING ROAD RESERVE (m)	CARRIAGEWAY WIDTH (m)	LENGTH (m)	REQUIRED AREA (ha)	WORKS COST PER UNIT (\$/m)	LAND ACQUISITION RATE (\$/ha)	WORKS BASE COST	LAND COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST
Road Network																						
R001	R001		Binnies Road	Trunk Connector	2L	10%	N	N	N	0%	23.5	20	15	1,424	0.50	\$ 3,429	\$ 286,945	\$ 4,883,902	\$ 143,046	\$ 732,585	\$ 976,780	\$ 6,736,314
R001-w	R001-w		Binnies Road - Allowance for Service Relocation	Trunk Connector	Other - 450		N	N	N	0%	0	0	0	1,424	0.00	\$ 1,013	\$ 286,945	\$ 1,442,634	\$ -	\$ 216,395	\$ 288,527	\$ 1,947,556
R002	R002		New Road	Trunk Connector	2L		N	N	N	0%	23.5	0	15	1,020	2.40	\$ 3,429	\$ 286,945	\$ 3,497,010	\$ 687,713	\$ 524,551	\$ 699,402	\$ 5,008,676
R003	R003		Montesera Road	Trunk Connector	2L		N	N	N	27%	23.5	20	15	712	0.18	\$ 3,429	\$ 286,945	\$ 1,781,353	\$ 52,175	\$ 267,203	\$ 356,271	\$ 2,457,001
R004A	R004A		Ripley Road	Urban Arterial	2L	Interim	N	N	Y	33%	20	20	11.5	917	0.00	\$ 4,152	\$ 286,945	\$ 2,805,195	\$ -	\$ 420,779	\$ 561,039	\$ 3,787,013
R004B	R004B		Ripley Road	Urban Arterial	4L	Ultimate	Y	N	N	0%	38	20	11.5	917	1.65	\$ 3,183	\$ 286,945	\$ 3,209,679	\$ 473,445	\$ 481,452	\$ 641,836	\$ 4,806,513
R005A	R005A		Fischer Road	Trunk Connector	2L	Interim	N	N	N	0%	20	20	9	2,017	0.00	\$ 3,878	\$ 286,945	\$ 7,820,736	\$ -	\$ 1,173,110	\$ 1,584,147	\$ 10,557,994
R005B	R005B		Fischer Road	Trunk Connector	4L	Ultimate	N	N	N	0%	33	20	9	2,017	2.62	\$ 2,737	\$ 286,945	\$ 5,519,655	\$ 752,368	\$ 827,948	\$ 1,103,331	\$ 8,203,903
R007A	R007A		Ripley Road	Urban Arterial	2L	Interim	Y	N	Y	34%	20	20	11.5	645	0.00	\$ 4,152	\$ 286,945	\$ 1,945,826	\$ -	\$ 291,874	\$ 389,165	\$ 2,626,865
R007A-r	R007A-r		Ripley Road allowance - service road access and overlay works	Urban Arterial	2LO		Y	N	N	0%	20	0	6	645	1.29	\$ 1,148	\$ 286,945	\$ 815,258	\$ 370,444	\$ 122,289	\$ 163,052	\$ 1,471,043
R007B	R007B		Ripley Road	Urban Arterial	4L	Ultimate	Y	N	N	0%	38	20	11.5	645	1.16	\$ 3,183	\$ 286,945	\$ 2,260,131	\$ 333,382	\$ 339,020	\$ 452,026	\$ 3,384,558
R010A	R010A		Ripley Road	Urban Arterial	2L	Interim	Y	N	N	0%	20	20	11.5	892	0.00	\$ 4,152	\$ 286,945	\$ 4,074,860	\$ -	\$ 611,229	\$ 814,972	\$ 5,501,061
R010B	R010B		Ripley Road	Urban Arterial	4L	Ultimate	Y	N	N	0%	38	20	11.5	892	1.61	\$ 3,183	\$ 286,945	\$ 3,123,821	\$ 460,781	\$ 468,573	\$ 624,764	\$ 4,677,939
R011A	R011A		Fischer Road	Trunk Connector	2L		N	N	Y	44%	20	20	9	1,177	0.00	\$ 3,878	\$ 286,945	\$ 2,565,259	\$ -	\$ 383,289	\$ 511,052	\$ 3,449,599
R011B	R011B		Fischer Road	Trunk Connector	4L	Ultimate	N	N	N	0%	33	20	9	1,177	1.53	\$ 2,737	\$ 286,945	\$ 3,220,410	\$ 438,965	\$ 483,062	\$ 644,082	\$ 4,786,519
R012B	R012B		Ripley Road	Urban Arterial	4L	Ultimate	Y	N	N	0%	38	38	11.5	695	0.00	\$ 3,183	\$ 286,945	\$ 2,432,492	\$ -	\$ 364,874	\$ 486,498	\$ 3,283,864
R013A	R013A		Ripley Road	Urban Arterial	2L	Interim	Y	N	Y	24%	20	20	11.5	352	0.00	\$ 4,152	\$ 286,945	\$ 1,223,122	\$ -	\$ 183,468	\$ 244,624	\$ 1,651,215
R013B	R013B		Ripley Road	Urban Arterial	4L	Ultimate	Y	N	N	0%	38	25	11.5	352	0.46	\$ 3,183	\$ 286,945	\$ 1,233,757	\$ 131,434	\$ 185,064	\$ 246,751	\$ 1,797,007
R014A	R014A		Ripley Road	Urban Arterial	2L	Interim	Y	N	N	0%	20	20	11.5	162	0.00	\$ 4,152	\$ 286,945	\$ 738,305	\$ -	\$ 110,746	\$ 147,661	\$ 996,711
R014B	R014B		Ripley Road	Urban Arterial	4L	Ultimate	Y	N	N	0%	38	22	11.5	162	0.26	\$ 3,183	\$ 286,945	\$ 565,990	\$ 74,210	\$ 84,899	\$ 113,198	\$ 838,297
R017	R017		New Road	Trunk Connector	2L		N	N	N	0%	23.5	0	15	1,381	3.25	\$ 3,429	\$ 286,945	\$ 4,736,458	\$ 931,459	\$ 710,469	\$ 947,292	\$ 7,325,678
R018A	R018A		New Road	Trunk Connector	2L	Interim	N	N	N	0%	20	0	9	887	1.77	\$ 3,878	\$ 286,945	\$ 3,439,605	\$ 509,071	\$ 515,941	\$ 687,921	\$ 5,152,537
R018B	R018B		New Road	Trunk Connector	4L	Ultimate	N	N	N	0%	33	20	9	887	1.15	\$ 2,737	\$ 286,945	\$ 2,427,576	\$ 330,896	\$ 364,136	\$ 485,515	\$ 3,608,124
R019A	R019A		Wensley Rd	Urban Arterial	2L	Interim	N	N	N	0%	20	20	9	1,015	0.00	\$ 3,878	\$ 286,945	\$ 3,935,844	\$ -	\$ 590,377	\$ 787,169	\$ 5,313,389
R019B	R019B		Wensley Rd	Urban Arterial	4L	Ultimate	N	N	N	0%	33	20	9	1,015	1.32	\$ 2,737	\$ 286,945	\$ 2,777,808	\$ 378,635	\$ 416,671	\$ 555,562	\$ 4,128,675
R020A	R020A		New Road	Trunk Connector	2L	Interim	N	N	N	0%	20	0	9	1,181	2.36	\$ 3,878	\$ 286,945	\$ 4,578,007	\$ 677,557	\$ 686,701	\$ 915,601	\$ 6,857,867
R020B	R020B		New Road	Trunk Connector	4L	Ultimate	N	N	N	0%	33	20	9	1,181	1.53	\$ 2,737	\$ 286,945	\$ 3,231,028	\$ 440,412	\$ 484,654	\$ 646,206	\$ 4,802,301
R021A	R021A		Wensley Rd	Urban Arterial	2L	Interim	N	N	N	0%	20	10	9	1,115	1.11	\$ 3,878	\$ 286,945	\$ 4,322,863	\$ 319,898	\$ 648,430	\$ 864,573	\$ 6,155,763
R021B	R021B		Wensley Rd	Urban Arterial	6L	Ultimate	N	N	N	0%	38	20	16	1,115	2.01	\$ 4,690	\$ 286,945	\$ 5,452,030	\$ 575,616	\$ 817,805	\$ 1,090,406	\$ 7,936,057
R022B	R022B		Ripley Road Sth - CHE to Barrams Road. ICC require road reconstruction including kerb and channel	Urban Arterial	4LB	Ultimate	Y	N	N	0%	38	20	23	177	0.32	\$ 7,336	\$ 286,945	\$ 1,424,477	\$ 91,179	\$ 213,672	\$ 284,895	\$ 2,014,224
R023A	R023A	C	Ripley Road Sth - CHE to Barrams Road. ICC require road reconstruction including kerb and channel	Urban Arterial	2Li	Interim	Y	N	N	0%	20	20	9	244	0.00	\$ 3,130	\$ 286,945	\$ 838,812	\$ -	\$ 125,822	\$ 167,762	\$ 1,132,396
R023B	R023B		4 Lane construction - Ripley Road Sth (CHE to Barrams Road)	Urban Arterial	4LB	Ultimate	Y	N	N	0%	38	20	23	244	0.44	\$ 7,336	\$ 286,945	\$ 1,965,782	\$ 125,828	\$ 294,867	\$ 393,156	\$ 2,779,634
R028	R028		New Road	Trunk Connector	2L		N	N	N	0%	23.5	0	15	531	1.25	\$ 3,429	\$ 286,945	\$ 1,819,326	\$ 357,784	\$ 272,899	\$ 363,865	\$ 2,813,873
R029	R029		New Road	Trunk Connector	2L		N	N	N	0%	23.5	0	15	338	0.79	\$ 3,429	\$ 286,945	\$ 1,158,036	\$ 227,736	\$ 173,705	\$ 231,607	\$ 1,791,085
R031A	R031A		New Road	Urban Arterial	2Li	Interim	N	N	N	0%	20	0	9	734	1.47	\$ 3,878	\$ 286,945	\$ 2,845,108	\$ 421,084	\$ 426,766	\$ 569,022	\$ 4,261,980
R031B	R031B		New Road	Urban Arterial	4L	Ultimate	N	N	N	0%	33	20	9	734	0.95	\$ 2,737	\$ 286,945	\$ 2,007,997	\$ 273,704	\$ 301,200	\$ 401,599	\$ 2,984,501
R032A	R032A		New Road	Urban Arterial	2Li	Interim	N	N	N	0%	20	20	9	894	0.00	\$ 3,878	\$ 286,945	\$ 3,467,653	\$ -	\$ 520,149	\$ 693,533	\$ 4,681,345
R032B	R032B		New Road	Urban Arterial	4L	Ultimate	N	N	N	0%	33	20	9	894	1.16	\$ 2,737	\$ 286,945	\$ 2,447,379	\$ 333,595	\$ 367,107	\$ 489,676	\$ 3,637,556
R034A	R034A		Abrahams Road	Urban Arterial	2Li	Interim	N	N	Y	24%	20	20	11.5	352	0.00	\$ 4,152	\$ 286,945	\$ 1,728,985	\$ -	\$ 183,468	\$ 244,624	\$ 1,651,215
R034B	R034B		Abrahams Road	Urban Arterial	4L	Ultimate	N	N	N	0%	33	20	9	445	0.58	\$ 2,737	\$ 286,945	\$ 1,218,787	\$ 166,129	\$ 182,818	\$ 243,757	\$ 1,811,451
R035A	R035A		Ripley/Coleman Road	Trunk Connector	2L	Interim	N	N	N	0%	20	20	9	2,702	0.00	\$ 3,878	\$ 286,945	\$ 10,476,286	\$ -	\$ 1,571,443	\$ 2,095,257	\$ 14,142,986
R035B	R035B		Ripley/Coleman Road	Trunk Connector	4L	Ultimate	N	N	N	0%	33	20	9	2,702	3.51	\$ 2,737	\$ 286,945	\$ 7,393,867	\$ 1,007,837	\$ 1,109,080	\$ 1,478,773	\$ 10,989,558
R036A	R036A		Ripley Road (+ New Road)	Urban Arterial	2L	Interim	Y	N	N	0%	20	9	9	1,663	1.83	\$ 3,878	\$ 286,945	\$ 7,091,308	\$ 524,766	\$ 1,063,696	\$ 1,418,262	\$ 10,098,033
R036B	R036B		Ripley Road (+ New Road)	Urban Arterial	4L	Ultimate	Y	N	N	0%	33	20	9	1,663	2.16	\$ 2,737	\$ 286,945	\$ 5,004,846	\$ 620,178	\$ 750,727	\$ 1,000,969	\$ 7,376,720
R037A	R037A		Watsons Rd	Urban Arterial	2L	Interim	N	N	N	0%	20	20	9	219	0.00	\$ 3,878	\$ 286,945	\$ 860,858	\$ -	\$ 127,629	\$ 170,172	\$ 1,148,658
R037B	R037B		Watsons Rd	Urban Arterial	4L	Ultimate	N	N	N	0%	33	20	9	219	0.29	\$ 2,737	\$ 286,945	\$ 600,511	\$ 81,854	\$ 90,077	\$ 120,102	\$ 852,544
R038A	R038A		Ripley Road	Urban Arterial	2L	Interim	Y	N	N	0%	20	20	9	514	0.00	\$ 3,878	\$ 286,945	\$ 2,190,315	\$ -	\$ 328,547	\$ 438,063	\$ 2,956,925
R038B	R038B		Ripley Road	Urban Arterial	4L	Ultimate	Y	N	N	0%	33	20	9	514	0.67	\$ 2,737	\$ 286,945	\$ 1,545,862	\$ 191,556	\$ 231,879	\$ 309,172	\$ 2,278,470
R039A	R039A		New Road	Urban Arterial	2L	Interim	N	N	N	0%	20	20	9	1,005	0.00	\$ 3,878	\$ 286,945	\$ 3,897,417	\$ -	\$ 584,613	\$ 779,483	\$ 5,261,513
R039B	R039B		New Road	Urban Arterial	4L	Ultimate	N	N	N	0%	33	20	9	1,005	1.31	\$ 2,737	\$ 286,945	\$ 2,750,687	\$ 374,938	\$ 412,603	\$ 550,137	\$ 4,088,366
R040A	R040A		New Road	Urban Arterial	2L	Interim	N	N	N	0%	20	0	9	1,009	2.02	\$ 3,878	\$ 286,945	\$ 3,910,562	\$ 578,774	\$ 586,584	\$ 782,112	

Ripley Valley Priority Development Area

RI010A	RI010A	Lights - 1st Phase	4/4/2/2	Interim	\$ 1,721,672	\$ 258,251	\$ 430,418	\$ 2,410,340
RI010B	RI010B	Lights - 2nd Phase	6/6/4/2	Ultimate	\$ 3,443,342	\$ 516,501	\$ 860,836	\$ 4,820,679
RI011A	RI011A	Lights - 1st Phase	2/2/2/2	Interim	\$ 344,334	\$ 51,650	\$ 86,083	\$ 482,067
RI011B	RI011B	Lights - 2nd Phase	6/4/4/4	Ultimate	\$ 2,869,453	\$ 430,418	\$ 717,363	\$ 4,017,234
RI012A	RI012A	Lights - 1st Phase	4/2/2	Interim	\$ 1,434,726	\$ 215,209	\$ 358,681	\$ 2,008,616
RI012B	RI012B	Lights - 2nd Phase	6/4/2	Ultimate	\$ 2,008,617	\$ 301,292	\$ 502,154	\$ 2,812,063
RI013	RI013	Lights - 1st Phase	2/2/2/2	Interim	\$ 344,334	\$ 51,650	\$ 86,083	\$ 482,067
RI015A	RI015A	Lights - 1st Phase	2/2/2/2	Interim	\$ 344,334	\$ 51,650	\$ 86,083	\$ 482,067
RI015B	RI015B	Lights - 2nd Phase	4/4/2/2	Ultimate	\$ 1,721,672	\$ 258,251	\$ 430,418	\$ 2,410,340
RI016A	RI016A	Lights - 1st Phase	2/2/2	Interim	\$ 286,945	\$ 43,042	\$ 71,736	\$ 401,723
RI016B	RI016B	Lights - 2nd Phase	4/4/2	Ultimate	\$ 1,434,726	\$ 215,209	\$ 358,681	\$ 2,008,616
RI017A	RI017A	Lights - 1st Phase	2/2/2	Interim	\$ 286,945	\$ 43,042	\$ 71,736	\$ 401,723
RI017B	RI017B	Lights - 2nd Phase	4/4/4	Ultimate	\$ 1,721,672	\$ 258,251	\$ 430,418	\$ 2,410,340
RI018A	RI018A	Lights - 1st Phase	2/2/2	Interim	\$ 286,945	\$ 43,042	\$ 71,736	\$ 401,723
RI018B	RI018B	Lights - 2nd Phase	4/4/4	Ultimate	\$ 1,721,672	\$ 258,251	\$ 430,418	\$ 2,410,340
RI019A	RI019A	Lights - 1st Phase	2/2/2	Interim	\$ 286,945	\$ 43,042	\$ 71,736	\$ 401,723
RI019B	RI019B	Lights - 2nd Phase	6/4/2	Ultimate	\$ 2,008,617	\$ 301,292	\$ 502,154	\$ 2,812,063
RI023A	RI023A	Lights - 1st Phase	2/2/2	Interim	\$ 286,945	\$ 43,042	\$ 71,736	\$ 401,723
RI023B	RI023B	Lights - 2nd Phase	4/4/2	Ultimate	\$ 1,434,726	\$ 215,209	\$ 358,681	\$ 2,008,616
RI024	RI024	Lights - 1st Phase	2/2/2	Interim	\$ 286,945	\$ 43,042	\$ 71,736	\$ 401,723
RI025A	RI025A	Lights - 1st Phase	2/2/2/2	Interim	\$ 344,334	\$ 51,650	\$ 86,083	\$ 482,067
RI025B	RI025B	Lights - 2nd Phase	4/4/2/2	Ultimate	\$ 1,721,672	\$ 258,251	\$ 430,418	\$ 2,410,340
Sub-Total					\$ 39,885,385	\$ 5,982,808	\$ 9,971,346	\$ 55,839,539

Ripley Valley Priority Development Area

ASSET ID	DRAFT LIP_V2 ID	C = Catalyst	ASSET TYPE	ASSET DESCRIPTION	ROAD TYPE	STAGED CONSTRUCTION	EARTHWORKS	HIERARCHY	BRIDGE OVER HIGHWAY	OFFSET PROVIDED	OFFSET PERCENTAGE	BRIDGE / CULVERT SPAN (m)	ROAD WIDTH (m)	AREA (m ²)	WORKS COST PER UNIT (\$/m)	WORKS BASE COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST
Bridges and Culverts																	15%	25%	50% (Bridge)
RB001	RB001	C	Bridge	Binnies Road Bridge	2L		N	Trunk Connector	N	N	0%	50	15	750	\$ 4,204	\$ 3,163,318	\$ 472,998	\$ 788,330	\$ 4,414,646
RB002	RB002		Bridge	Deebing Creek Bridge	2L		N	Trunk Connector	N	N	0%	30	15	450	\$ 4,204	\$ 1,891,991	\$ 283,799	\$ 472,998	\$ 2,648,787
RB004A	RB004A		Bridge	Ripley Road Bridge	2Li	Interim	N	Urban Arterial	N	N	0%	50	12	600	\$ 4,204	\$ 2,522,655	\$ 378,398	\$ 630,664	\$ 3,531,716
RB004B	RB004B		Bridge	Ripley Road Bridge	4Lu	Ultimate	N	Urban Arterial	N	N	0%	50	12	600	\$ 4,204	\$ 2,522,655	\$ 378,398	\$ 630,664	\$ 3,531,716
RB005	RB005		Bridge to Swanbank	Bundamba Creek - UC to Swanbank first stage - Including ultimate earthworks allowance	2L		N	Trunk Connector	N	N	0%	100	15	1,500	\$ 2,102	\$ 3,152,538	\$ 472,881	\$ 788,134	\$ 4,413,553
RB006A	RB006A		Bridge	Culverts	2Li	Interim	N	Trunk Connector	N	N	0%	10	12	120	\$ 4,204	\$ 504,531	\$ 75,680	\$ 126,133	\$ 706,343
RB006B	RB006B		Bridge	Culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	10	12	120	\$ 4,204	\$ 504,531	\$ 75,680	\$ 126,133	\$ 706,343
RB007A	RB007A		Bridge	Little Bundamba Creek	2Li	Interim	N	Urban Arterial	N	N	0%	28	20	560	\$ 4,204	\$ 2,354,478	\$ 353,172	\$ 588,619	\$ 3,296,269
RB007B	RB007B		Bridge	Little Bundamba Creek	4Lu	Ultimate	N	Urban Arterial	N	N	0%	28	13	364	\$ 4,204	\$ 1,530,410	\$ 229,562	\$ 382,603	\$ 2,142,575
RC002A	RC002A	C	Culvert	Binnies Road Culverts	2L	Interim	N	Trunk Connector	N	N	0%	20	23.5	470	\$ 2,300	\$ 1,080,795	\$ 162,119	\$ 270,199	\$ 1,513,113
RC002B	RC002B	C	Culvert	Binnies Road Culvert Earthworks	2L	Ultimate	Y	Trunk Connector	N	N	0%	0	0	0	\$ 2,300	\$ 229,556	\$ 34,433	\$ 57,389	\$ 321,378
RC003	RC003		Culvert	Upgrade existing culverts	4Lu		N	Urban Arterial	N	N	0%	5	13	65	\$ 2,300	\$ 149,472	\$ 22,421	\$ 37,368	\$ 209,260
RC004	RC004		Culvert	Upgrade existing culverts	4Lu		N	Urban Arterial	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC005	RC005		Culvert	Culvert widening	4Lu		N	Trunk Connector	N	N	0%	5	13	65	\$ 2,300	\$ 149,472	\$ 22,421	\$ 37,368	\$ 209,260
RC006	RC006		Culvert	Culverts	2L		N	Trunk Connector	N	N	0%	15	23.5	353	\$ 2,300	\$ 810,596	\$ 121,589	\$ 202,649	\$ 1,134,835
RC007	RC007		Culvert	Culverts	2L		N	Trunk Connector	N	N	0%	10	23.5	235	\$ 2,300	\$ 540,397	\$ 81,060	\$ 135,099	\$ 756,556
RC009	RC009		Culvert	Culverts	2L		N	Trunk Connector	N	N	0%	40	23.5	940	\$ 2,300	\$ 2,161,590	\$ 324,238	\$ 540,397	\$ 3,026,225
RC012A	RC012A	C	Culvert	Ripley Road Culverts**	2Li	Interim	N	Urban Arterial	N	N	0%	8	20	160	\$ 2,300	\$ 367,930	\$ 55,190	\$ 91,983	\$ 515,102
RC012B	RC012B		Culvert	Ripley Road Culverts**	4Lu	Ultimate	N	Urban Arterial	N	N	0%	8	18	144	\$ 2,300	\$ 331,137	\$ 49,671	\$ 82,784	\$ 463,592
RC013B	RC013B		Culvert	Ripley township culverts**	4Lu	Ultimate	N	Urban Arterial	N	N	0%	24	18	432	\$ 2,300	\$ 993,411	\$ 149,012	\$ 248,353	\$ 1,390,776
RC014A	RC014A		Culvert	Ripley Rd culverts**	2Li	Interim	N	Urban Arterial	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC014B	RC014B		Culvert	Ripley Rd culverts**	4Lu	Ultimate	N	Urban Arterial	N	N	0%	10	18	180	\$ 2,300	\$ 413,921	\$ 62,088	\$ 103,480	\$ 579,490
RC016A	RC016A	C	Culvert	Ripley Road UC Culverts**	2Li	Interim	N	Urban Arterial	N	N	0%	15	20	300	\$ 2,300	\$ 689,669	\$ 103,480	\$ 172,467	\$ 965,617
RC016B	RC016B		Culvert	Ripley Road UC Culverts**	4Lu	Ultimate	N	Urban Arterial	N	N	0%	15	18	270	\$ 2,300	\$ 620,882	\$ 93,132	\$ 155,221	\$ 869,235
RC017A	RC017A	C	Culvert	Ripley Road culverts**	2Li	Interim	N	Urban Arterial	N	N	0%	5	20	100	\$ 2,300	\$ 229,956	\$ 34,493	\$ 57,489	\$ 321,939
RC017B	RC017B		Culvert	Ripley Road culverts	4Lu	Ultimate	N	Urban Arterial	N	N	0%	5	18	90	\$ 2,300	\$ 206,961	\$ 31,044	\$ 51,740	\$ 289,745
RC018A	RC018A		Culvert	UC culverts	2Li	Interim	N	Trunk Connector	N	N	0%	20	20	400	\$ 2,300	\$ 919,825	\$ 137,974	\$ 229,956	\$ 1,287,756
RC018B	RC018B		Culvert	UC culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	20	13	260	\$ 2,300	\$ 597,886	\$ 89,683	\$ 149,472	\$ 837,041
RC019	RC019		Culvert	Ripley Road Culvert - South of CHE overpass	4Lu		N	Urban Arterial	N	N	0%	5	18	90	\$ 2,300	\$ 206,961	\$ 31,044	\$ 51,740	\$ 289,745
RC022	RC022		Culvert	Little Bundamba Creek	2L		N	Trunk Connector	N	N	0%	30	23.5	705	\$ 2,300	\$ 1,621,192	\$ 243,179	\$ 405,298	\$ 2,269,669
RC023A	RC023A		Culvert	Culverts	2Li	Interim	N	Urban Arterial	N	N	0%	20	20	400	\$ 2,300	\$ 919,825	\$ 137,974	\$ 229,956	\$ 1,287,756
RC023B	RC023B		Culvert	Culverts	4Lu	Ultimate	N	Urban Arterial	N	N	0%	20	13	260	\$ 2,300	\$ 597,886	\$ 89,683	\$ 149,472	\$ 837,041
RC024A	RC024A		Culvert	Culverts	2Li	Interim	N	Urban Arterial	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC024B	RC024B		Culvert	Culverts	4Lu	Ultimate	N	Urban Arterial	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC025A	RC025A		Culvert	Culverts	2Li	Interim	N	Urban Arterial	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC025B	RC025B		Culvert	Culverts	4Lu	Ultimate	N	Urban Arterial	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC026A	RC026A		Culvert	Culverts	2Li	Interim	N	Trunk Connector	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC026B	RC026B		Culvert	Culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC027A	RC027A		Culvert	Culverts	2Li	Interim	N	Trunk Connector	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC027B	RC027B		Culvert	Culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC028A	RC028A		Culvert	Culverts	2Li	Interim	N	Trunk Connector	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC028B	RC028B		Culvert	Culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC029A	RC029A		Culvert	Culverts	2Li	Interim	N	Urban Arterial	N	N	0%	5	20	100	\$ 2,300	\$ 229,956	\$ 34,493	\$ 57,489	\$ 321,939
RC029B	RC029B		Culvert	Culverts	4Lu	Ultimate	N	Urban Arterial	N	N	0%	5	13	65	\$ 2,300	\$ 149,472	\$ 22,421	\$ 37,368	\$ 209,260
RC030A	RC030A		Culvert	Culverts	2Li	Interim	N	Urban Arterial	N	N	0%	12	20	240	\$ 2,300	\$ 551,956	\$ 82,784	\$ 137,974	\$ 772,653
RC030B	RC030B		Culvert	Culverts	4Lu	Ultimate	N	Urban Arterial	N	N	0%	12	13	156	\$ 2,300	\$ 358,732	\$ 53,810	\$ 89,683	\$ 502,225
RC031A	RC031A		Culvert	Culverts	2Li	Interim	N	Trunk Connector	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC031B	RC031B		Culvert	Culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC032A	RC032A		Culvert	Culverts	2Li	Interim	N	Trunk Connector	N	N	0%	10	20	200	\$ 2,300	\$ 459,913	\$ 68,987	\$ 114,978	\$ 643,878
RC032B	RC032B		Culvert	Culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	10	13	130	\$ 2,300	\$ 298,943	\$ 44,841	\$ 74,736	\$ 418,521
RC033A	RC033A		Culvert	Culverts	2Li	Interim	N	Trunk Connector	N	N	0%	12	20	240	\$ 2,300	\$ 551,956	\$ 82,784	\$ 137,974	\$ 772,653
RC033B	RC033B		Culvert	Culverts	4Lu	Ultimate	N	Trunk Connector	N	N	0%	12	13	156	\$ 2,300	\$ 358,732	\$ 53,810	\$ 89,683	\$ 502,225
RC034	RC034		Culvert	Culverts	4Lu		N	Urban Arterial	N	Y	62%	15	18	270	\$ 2,300	\$ 235,935	\$ 35,390	\$ 58,984	\$ 330,309
RC035A	RC035A		Culvert	Fauna Culvert	2Li	Interim	N	Urban Arterial	N	N	0%	3	20	60	\$ 2,300	\$ 137,974	\$ 20,696	\$ 34,493	\$ 193,163
RC035B	RC035B		Culvert	Fauna Culvert	4Lu	Ultimate	N	Urban Arterial	N	N	0%	3	13	39	\$ 2,300	\$ 85,683	\$ 13,452	\$ 22,421	\$ 125,556
Sub-Total																\$ 40,711,750	\$ 6,106,762	\$ 10,177,937	\$ 56,996,450

Ripley Valley Priority Development Area

ASSET ID	DRAFT U/P V2/3 ID	C = Catalyst	ASSET TYPE	ASSET DESCRIPTION	LENGTH (m)	RESERVE WIDTH (m)	LAND ACQUISITION RATE (\$/ha)		WORKS COST PER UNIT (\$/m)	WORKS BASE COST	LAND COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST
Off Road Shared Paths														
ORSP001	PB001		Shared Path / Off Road	4m wide shared Path	3,047	6	\$ 40,173		\$ 613	\$ 1,868,469	\$ 73,455	\$ 280,270	\$ 467,117	\$ 2,689,312
ORSP002	PB002		Shared Path / Off Road	4m wide shared Path	10,246	6	\$ 40,173		\$ 613	\$ 6,281,880	\$ 246,958	\$ 942,282	\$ 1,570,470	\$ 9,041,590
ORSP003	PB003		Shared Path / Off Road	2.5m wide shared Path	632	5	\$ 40,173		\$ 384	\$ 242,581	\$ 12,685	\$ 36,387	\$ 60,645	\$ 352,298
									Sub-Total	\$ 8,392,930	\$ 333,098	\$ 1,258,940	\$ 2,098,233	\$ 12,083,200
Off Road Shared Path Bridges														
ORSPB001	PB006		Shared Path / Off Road Bridge	Creek Crossing at Bundamba Creek	100	4			\$ 2,295	\$ 918,124		\$ 137,719	\$ 229,531	\$ 1,285,373
ORSPB002	PB007		Shared Path / Off Road Bridge	Creek Crossing at Bundamba Creek	100	4			\$ 2,295	\$ 918,124		\$ 137,719	\$ 229,531	\$ 1,285,373
									Sub-Total	\$ 1,836,248		\$ 275,437	\$ 459,062	\$ 2,570,747
									TOTAL	\$ 325,161,084	\$ 22,303,223	\$ 48,774,163	\$ 69,573,332	\$ 465,812,002

Municipal Transport Network

Ripley Valley Existing Assets

ASSET ID	DRAFT LIP-V20 ID	C = Catalyst	DESCRIPTION	DETAILS	ASSET TYPE	OFFSET PROVIDED	OFFSET PERCENTAGE	ROAD RESERVE WIDTH (m)	CARRIAGEWAY WIDTH (m)	LENGTH (m)	AREA (ha)	OFFSET AMOUNT
Road Network												
R003	R003		Monterea Road	Trunk Connector	2L	Y	27%	23.5	15	712	1.67	\$ 420,298
R004A	R004A		Ripley Road	Urban Arterial	2LBi	Y	33%	20	11.5	917	1.83	\$ 879,251
R007A	R007A		Ripley Road	Urban Arterial	2LBi	Y	34%	20	11.5	645	1.29	\$ 615,820
R011A	R011A		Fischer Road	Trunk Connector	2Li	Y	44%	20	9	1,177	2.35	\$ 2,062,019
R012A	R012A		Ripley Road	Urban Arterial	2LBi	Y	100%	20	11.5	695	1.39	\$ 5,361,222
R013A	R013A		Ripley Road	Urban Arterial	2LBi	Y	24%	20	11.5	352	0.70	\$ 819,945
R022A	R022A	C	Ripley Road Sth - CHE to Barrams Road. ICC require road reconstruction including kerb and channel	Urban Arterial	2Lii	Y	100%	20	9	177	0.35	\$ 750,911
R024	R024		Barrams Rd	Trunk Connector	2L	Y	100%	23.5	15	737	1.73	\$ 550,314
R024A-C	R024A-C	C	Barrams Rd Catalyst works allowance - Ripley Road to SUCE (excluding allowance for bridge)	Trunk Connector	2L	Y	100%	23.5	15	320	0.75	\$ 550,314
R026	R026		New Road	Trunk Connector	2L	Y	100%	23.5	15	354	0.83	\$ 1,978,086
R027	R027		New Road	Trunk Connector	2L	Y	56%	23.5	15	937	2.20	\$ 2,662,018
R033	R033		New Road	Trunk Connector	2L	Y	100%	23.5	15	996	2.34	\$ 3,837,044
Sub-Total												\$ 20,487,244
ASSET ID	DRAFT LIP-V20 ID	C = Catalyst	DESCRIPTION	DETAILS	ASSET TYPE	OFFSET	OFFSET PERCENTAGE	ROAD TYPE	BRIDGE WIDTH (m)	BRIDGE / CULVERT SPAN (m)	OFFSET AMOUNT	
Bridges and Culverts												
R8003	R8003	C	Barrams Road Bridge	Trunk Connector	Bridge	Y	100%	2L	15	75		\$ 4,557,006
RC013A	RC013A		Ripley township culverts**	Urban Arterial	Culvert	Y	100%	2LBi	20	24		\$ 249,983
RC020	RC020	C	Bundamba Creek - Culverts** including 1st stage earthworks	Trunk Connector	Culvert	Y	100%	2L	23.5	29		\$ 709,474
RC021	RC021		Culverts	Trunk Connector	Culvert	Y	100%	2L	23.5	10		\$ 504,036
RC034	New		Culverts	Urban Arterial	Culvert	Y	62%	4LBU	18	15		\$ 473,289
Sub-Total												\$ 6,493,788
ASSET ID	DRAFT LIP-V20 ID	C = Catalyst	ASSET DESCRIPTION	DETAILS	ASSET TYPE	OFFSET	OFFSET PERCENTAGE	OFFSET AMOUNT				
Intersections												
R028A	R039A		Lights - 1st Phase	2/2/2	Signal	Y	25%	\$ 62,451				
Sub-Total								\$ 62,451				
TOTAL								\$ 27,043,482				

Municipal Parks and Open Space Network

Ripley Valley Future Assets

ASSET ID	DRAFT LP #00 D	PARK TYPE	ASSET HIERARCHY	HERARCHY	REQUIRED AREA (ha)	AREA (ha)	LINEAR PATH AREA (ha)	REHABILITATION AREA (ha)	ASSUMED FLOOD LEVEL	OFFSET PROVIDED	OFFSET PERCENTAGE	WORKS COST PER UNIT (\$/ha)	REHABILITATION COST PER UNIT (\$/ha)	LAND ACQUISITION RATE (\$/ha)	WORKS BASE COST	REHABILITATION COST	LAND COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST
Land for Public Open Space																				
Parks and Open Space																				
POS001	PO011	DRP	District Recreational Park (RVSP - Area 7)		4				<Q20	N	0%	\$ 688,669	\$ -	\$ 22,955	\$ 2,754,676	\$ -	\$ 91,821	\$ 275,468	\$ 275,468	\$ 3,397,431
POS002	PO017	DRP	District Recreational Park (RVSP - Area 7)		4				<Q20	N	0%	\$ 688,669	\$ -	\$ 22,955	\$ 2,754,676	\$ -	\$ 91,821	\$ 275,468	\$ 275,468	\$ 3,397,431
POS003	PO027	DRP	District Recreational Park (RVSP - Area 7)		4				<Q20	N	0%	\$ 688,669	\$ -	\$ 22,955	\$ 2,754,676	\$ -	\$ 91,821	\$ 275,468	\$ 275,468	\$ 3,397,431
POS004	PO041	DRP	District Recreational Park (RVSP - Area 7)		4				>Q20 & <Q100	N	0%	\$ 688,669	\$ -	\$ 40,173	\$ 2,754,676	\$ -	\$ 160,690	\$ 275,468	\$ 275,468	\$ 3,466,301
POS005	PO045-A	DRP	District Recreational Park (RVSP - Area 7)		1.8				<Q20	Y	55%	\$ 688,669	\$ -	\$ 22,955	\$ 557,822	\$ -	\$ 18,594	\$ 55,782	\$ 55,782	\$ 687,980
POS006	PO045-B	DRP	District Recreational Park (RVSP - Area 7)		2.2				<Q20	Y	55%	\$ 688,669	\$ -	\$ 22,955	\$ 681,782	\$ -	\$ 22,726	\$ 68,178	\$ 68,178	\$ 840,864
POS007	PO049	DRP	District Recreational Park (RVSP - Area 7)		4				<Q20	N	0%	\$ 688,669	\$ -	\$ 22,955	\$ 2,754,676	\$ -	\$ 91,821	\$ 275,468	\$ 275,468	\$ 3,397,431
POS008	PO053	DRP	District Recreational Park (RVSP - Area 7)		4				<Q20	N	0%	\$ 688,669	\$ -	\$ 22,955	\$ 2,754,676	\$ -	\$ 91,821	\$ 275,468	\$ 275,468	\$ 3,397,431
POS009	PO060	DRP	District Recreational Park (RVSP - Area 7)		4				>Q20 & <Q100	N	0%	\$ 688,669	\$ -	\$ 40,173	\$ 2,754,676	\$ -	\$ 160,690	\$ 275,468	\$ 275,468	\$ 3,466,301
POS010	PO068	DRP	District Recreational Park (RVSP - Area 7)		4				<Q20	N	0%	\$ 688,669	\$ -	\$ 22,955	\$ 2,754,676	\$ -	\$ 91,821	\$ 275,468	\$ 275,468	\$ 3,397,431
POS011	PO069	DRP	District Recreational Park (RVSP - Area 7)		4				<Q20	N	0%	\$ 688,669	\$ -	\$ 22,955	\$ 2,754,676	\$ -	\$ 91,821	\$ 275,468	\$ 275,468	\$ 3,397,431
POS012	PO085	DRP	District Recreational Park (RVSP - Area 7)		4				>Q20 & <Q100	N	0%	\$ 688,669	\$ -	\$ 40,173	\$ 2,754,676	\$ -	\$ 160,690	\$ 275,468	\$ 275,468	\$ 3,466,301
POS013	PO087	DRP	District Recreational Park (RVSP - Area 7)		4				>Q20 & <Q100	N	0%	\$ 688,669	\$ -	\$ 40,173	\$ 2,754,676	\$ -	\$ 160,690	\$ 275,468	\$ 275,468	\$ 3,466,301
POS014	PO100	CP	Linear Parks (RVSP - Area 8)	Major	0	0.2666	0.0675	0.1991	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 10,540	\$ 31,088	\$ 2,712	\$ 4,163	\$ 4,163	\$ 52,665
POS015	PO101	CP	Linear Parks (RVSP - Area 8)	Major	0	48.2755	1.992	46.2835	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 311,038	\$ 7,226,868	\$ 80,024	\$ 753,791	\$ 753,791	\$ 9,125,511
POS016	PO104	CP	Linear Parks (RVSP - Area 8)	Local	0	3.5533	0.5895	2.9638	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 93,452	\$ -	\$ 24,943	\$ 9,345	\$ 9,345	\$ 136,186
POS017	PO105	CP	Linear Parks (RVSP - Area 8)	Major	0	1.8613	0.267	1.59427	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 41,690	\$ -	\$ 10,726	\$ 29,063	\$ 29,063	\$ 359,476
POS018	PO107	CP	Linear Parks (RVSP - Area 8)	Local	0	5.9197	0.474	5.44565	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 74,012	\$ -	\$ 19,042	\$ 7,401	\$ 7,401	\$ 107,856
POS019	PO109	CP	Linear Parks (RVSP - Area 8)	Major	0	9.3447	0.9975	8.3472	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 155,753	\$ 1,303,361	\$ 40,072	\$ 145,911	\$ 145,911	\$ 1,791,009
POS020	PO110	CP	Linear Parks (RVSP - Area 8)	Major	0	2.1452	0.4005	1.7447	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 62,535	\$ 272,424	\$ 16,089	\$ 33,496	\$ 33,496	\$ 418,040
POS021	PO111	CP	Linear Parks (RVSP - Area 8)	Major	0	13.1801	1.533	11.6471	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 239,368	\$ 1,818,619	\$ 61,585	\$ 205,799	\$ 205,799	\$ 2,531,169
POS022	PO112	CP	Linear Parks (RVSP - Area 8)	Major	0	10.1892	0.8565	9.33271	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 133,737	\$ 1,457,242	\$ 34,408	\$ 159,098	\$ 159,098	\$ 1,943,583
POS023	PO113	CP	Linear Parks (RVSP - Area 8)	Local	0	10.7350	1.209	9.526	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 188,778	\$ -	\$ 48,569	\$ 18,878	\$ 18,878	\$ 275,102
POS024	PO114	CP	Linear Parks (RVSP - Area 8)	Major	0	23.4847	2.7915	20.6932	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 435,875	\$ 3,231,109	\$ 112,142	\$ 366,698	\$ 366,698	\$ 4,512,522
POS025	PO115	CP	Linear Parks (RVSP - Area 8)	Major	0	13.6025	1.2075	12.395	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 188,543	\$ 1,935,399	\$ 48,508	\$ 212,394	\$ 212,394	\$ 2,597,239
POS026	PO116	CP	Linear Parks (RVSP - Area 8)	Local	0	1.5997	0	1.59967	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
POS027	PO117	CP	Linear Parks (RVSP - Area 8)	Local	0	3.0751	0.5895	2.48561	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 92,047	\$ -	\$ 23,682	\$ 9,205	\$ 9,205	\$ 134,138
POS028	PO118	CP	Linear Parks (RVSP - Area 8)	Major	0	6.8628	1.119	5.74361	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 174,725	\$ 896,859	\$ 44,953	\$ 107,158	\$ 107,158	\$ 1,330,853
POS029	PO119	CP	Linear Parks (RVSP - Area 8)	Major	0	3.2623	0.546	2.71628	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 85,252	\$ -	\$ 21,943	\$ 9,781	\$ 9,781	\$ 1,198,312
POS030	PO122	CP	Linear Parks (RVSP - Area 8)	Local	0	35.5419	2.6415	23.9004	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 412,653	\$ -	\$ 106,116	\$ 41,245	\$ 41,245	\$ 601,060
POS031	PO123	CP	Linear Parks (RVSP - Area 8)	Major	0	29.093	2.103	26.9903	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 328,370	\$ 4,201,244	\$ 84,843	\$ 452,961	\$ 452,961	\$ 5,520,020
POS032	PO124	CP	Linear Parks (RVSP - Area 8)	Major	0	42.0792	5.0415	37.0377	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 787,198	\$ 5,783,197	\$ 202,530	\$ 657,039	\$ 657,039	\$ 8,087,003
POS033	PO125	CP	Linear Parks (RVSP - Area 8)	Local	0	3.9990	0.339	3.59995	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 52,933	\$ -	\$ 13,619	\$ 5,293	\$ 5,293	\$ 77,138
POS034	PO126-A	CP	Linear Parks (RVSP - Area 8)	Major	0	5.7359	0.8475	4.88844	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 132,332	\$ 763,298	\$ 34,046	\$ 89,563	\$ 89,563	\$ 1,108,802
POS035	PO127	CP	Linear Parks (RVSP - Area 8)	Major	0	67.2422	9.549	57.6932	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 1,491,014	\$ 9,008,419	\$ 383,608	\$ 1,049,943	\$ 1,049,943	\$ 12,982,928
POS036	PO131	CP	Linear Parks (RVSP - Area 8)	Major	0	6.0193	0.6135	5.40576	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 95,794	\$ 844,074	\$ 24,646	\$ 93,987	\$ 93,987	\$ 1,152,488
POS037	PO133	CP	Linear Parks (RVSP - Area 8)	Local	0	10.9922	1.533	9.45919	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 239,368	\$ -	\$ 61,585	\$ 23,937	\$ 23,937	\$ 348,826
POS038	PO134	CP	Linear Parks (RVSP - Area 8)	Local	0	4.1814	1.11	3.0714	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 173,319	\$ -	\$ 44,592	\$ 17,332	\$ 17,332	\$ 252,575
POS039	PO135	CP	Linear Parks (RVSP - Area 8)	Local	0	6.0991	0.909	5.19009	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 141,934	\$ -	\$ 36,517	\$ 14,193	\$ 14,193	\$ 206,838
POS040	PO136	CP	Linear Parks (RVSP - Area 8)	Local	0	4.1812	1.0935	3.08765	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 170,743	\$ -	\$ 43,929	\$ 17,074	\$ 17,074	\$ 248,820
POS041	PO137	CP	Linear Parks (RVSP - Area 8)	Local	0	4.4692	1.245	3.22421	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 194,399	\$ -	\$ 50,015	\$ 19,440	\$ 19,440	\$ 263,293
POS042	PO138	CP	Linear Parks (RVSP - Area 8)	Local	0	9.0142	2.4435	6.57071	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 381,537	\$ -	\$ 98,162	\$ 38,154	\$ 38,154	\$ 558,006
POS043	PO139	CP	Linear Parks (RVSP - Area 8)	Local	0	2.9709	0.9845	1.97637	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 155,295	\$ -	\$ 39,952	\$ 15,528	\$ 15,528	\$ 228,293
POS044	PO140	CP	Linear Parks (RVSP - Area 8)	Local	0	4.7682	1.3575	3.41068	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 211,965	\$ -	\$ 54,534	\$ 21,196	\$ 21,196	\$ 308,892
POS045	PO141	CP	Linear Parks (RVSP - Area 8)	Local	0	4.0028	1.0785	2.92431	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 168,401	\$ -	\$ 43,326	\$ 16,840	\$ 16,840	\$ 245,407
POS046	PO142	CP	Linear Parks (RVSP - Area 8)	Local	0	6.8411	1.305	5.5361	>Q20 & <Q100	N	0%	\$ 156,144	\$ -	\$ 40,173	\$ 203,767	\$ -	\$ 52,425	\$ 20,377	\$ 20,377	\$ 296,946
POS047	PO145	CP	Linear Parks (RVSP - Area 8)	Major	0	26.3630	1.941	24.422	>Q20 & <Q100	N	0%	\$ 156,144	\$ 156,144	\$ 40,173	\$ 303,075	\$ 3,813,337	\$ 77,975	\$ 411,641	\$ 411,641	\$ 5,017,669
POS048	PO002	LSG	Local Sports Ground (RVSP - Area 4)		5				<Q20	N	0%	\$ 803,447	\$ -	\$ 22,955	\$ 4,017,234	\$ -	\$ 114,776	\$ 401,723	\$ 401,723	\$ 4,935,457
POS049	PO018	LSG	Local Sports Ground (RVSP - Area 4)		5				<Q20	N	0%	\$ 803,447	\$ -	\$ 22,955	\$ 4,017,234	\$ -	\$ 114,776	\$ 401,723	\$ 401,723	\$ 4,935,457
POS050	PO026	LSG	Local Sports Ground (RVSP - Area 4)		5				<Q20	N	0%	\$ 803,447	\$ -	\$ 22,955	\$ 4,017,234	\$ -</				

Municipal Parks and Open Space Network

Ripley Valley Existing Assets

ASSET ID	DRAFT LIP/Q0 ID	PARK TYPE	ASSET HIERARCHY	HIERARCHY	REQUIRED AREA (ha)	ASSUMED FLOOD LEVEL	OFFSET	OFFSET PERCENTAGE	OFFSET AMOUNT
Land for Public Open Space									
Parks and Open Space									
POS005	PO045-A	DRP	District Recreational Park (RVSP - Area 7)		1.8	<Q20	Y	55%	\$ 1,668,397
POS006	PO045-B	DRP	District Recreational Park (RVSP - Area 7)		2.2	<Q20	Y	55%	\$ 1,668,397
POS063	PO051	MSG	Major Sports Ground (RVSP - Area 3)		10	<Q20	Y	12%	\$ 390,410
POS075	PO148	LP	Local Park		0.5	>Q20 & <Q100	Y	100%	\$ 399,395
TOTAL									\$ 4,126,599

Municipal Other Provisions

Ripley Valley Future Assets

ASSET ID	DRAFT LP #20 ID	ASSET TYPE	TOTAL ESTABLISHMENT COST
Other Provisions			
OP001	CX	Catalyst Works Loan Interest	\$ 10,051,001
OP002	PY01	Public Transport Allowance	\$ 6,615,000
TOTAL			\$ 16,666,001

Municipal Local Community Facilities Network and State Infrastructure Networks

Ripley Valley Future Assets

ASSET ID	DRAFT LP #20 ID	ASSET DESCRIPTION	HIERARCHY	AREA (ha)	ASSET COST PER UNIT (\$/ha)	LAND ACQUISITION RATE (\$/ha)	WORKS BASE COST	LAND COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST
Local Community Facilities											
Community Facilities											
CF001	CF001	Community Facilities	Citywide	3	\$ 385,655	\$ 286,945	\$ 1,156,964	\$ 860,835	\$ 173,545	\$ 289,241	\$ 2,480,585
CF002	CF002	Community Facilities	District	1.5	\$ 385,655	\$ 286,945	\$ 578,482	\$ 430,417	\$ 86,772	\$ 144,621	\$ 1,240,292
CF003	CF003	Community Facilities	District	1.5	\$ 385,655	\$ 286,945	\$ 578,482	\$ 430,417	\$ 86,772	\$ 144,621	\$ 1,240,292
CF004	CF004	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF005	CF005	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF006	CF006	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF007	CF007	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF008	CF008	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF009	CF009	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF010	CF010	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF011	CF011	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF012	CF012	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
CF013	CF013	Community Facilities	District	2	\$ 385,655	\$ 286,945	\$ 771,309	\$ 573,890	\$ 115,696	\$ 192,827	\$ 1,653,723
CF014	CF014	Community Facilities	Local	0.4	\$ 385,655	\$ 286,945	\$ 154,262	\$ 114,778	\$ 23,139	\$ 38,565	\$ 330,745
LOCAL COMMUNITY FACILITIES TOTAL							\$ 4,627,856	\$ 3,443,339	\$ 694,178	\$ 1,156,964	\$ 9,922,338

ASSET ID	DRAFT LIP v2/D ID	ASSET DESCRIPTION	LOCATION	AREA (ha)	ASSET COST PER UNIT (\$/ha)	LAND ACQUISITION RATE (\$/ha)	WORKS BASE COST	LAND COST	PROJECT MANAGEMENT & DESIGN COST (EXCLUDING LAND)	CONTINGENCY COST (EXCLUDING LAND)	TOTAL ESTABLISHMENT COST	
State Government Community Facilities and Other Infrastructure										15%	25%	
Department of Community Safety												
STATE-AM001	STATE-AM001	Large Ambulance Station	undefined	0.6	\$ 385,655	\$ 286,945	\$ 231,393	\$ 172,167	\$ 34,709	\$ 57,848	\$ 496,117	
STATE-FR001	STATE-FR001	Urban Fire & Rescue	undefined	0.6	\$ 385,655	\$ 286,945	\$ 231,393	\$ 172,167	\$ 34,709	\$ 57,848	\$ 496,117	
							Sub-Total	\$ 462,786	\$ 344,334	\$ 69,418	\$ 115,696	\$ 992,234
Queensland Police Service												
STATE-PO001	STATE-PO001	District Police Station	undefined	1	\$ 385,655	\$ 286,945	\$ 385,655	\$ 286,945	\$ 57,848	\$ 96,414	\$ 826,862	
STATE-PO002	STATE-PO002	Local Police Station	undefined	0.3	\$ 385,655	\$ 286,945	\$ 115,696	\$ 86,083	\$ 17,354	\$ 28,924	\$ 248,058	
STATE-PO003	STATE-PO003	Local Police Station	undefined	0.3	\$ 385,655	\$ 286,945	\$ 115,696	\$ 86,083	\$ 17,354	\$ 28,924	\$ 248,058	
							Sub-Total	\$ 617,048	\$ 459,112	\$ 92,557	\$ 154,262	\$ 1,322,978
Queensland Health												
STATE-HE001	STATE-HE001	Health Centre	undefined	3.2	\$ 385,655	\$ 286,945	\$ 1,234,095	\$ 918,224	\$ 185,114	\$ 308,524	\$ 2,645,957	
STATE-HE002	STATE-HE002	Health Centre	undefined	3.2	\$ 385,655	\$ 286,945	\$ 1,234,095	\$ 918,224	\$ 185,114	\$ 308,524	\$ 2,645,957	
STATE-HE003	STATE-HE003	Health Precinct	Neighbourhood	4	\$ 385,655	\$ 286,945	\$ 1,542,619	\$ 1,147,780	\$ 231,393	\$ 385,655	\$ 3,307,446	
							Sub-Total	\$ 4,010,809	\$ 2,984,227	\$ 601,621	\$ 1,002,702	\$ 8,599,380
Department of Education and Training												
STATE-CF001	STATE-CF001	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF002	STATE-CF002	State Primary School	City Centre	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF003	STATE-CF003	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF004	STATE-CF004	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF005	STATE-CF005	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF006	STATE-CF006	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF007	STATE-CF007	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF008	STATE-CF008	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF009	STATE-CF009	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF010	STATE-CF010	State Primary School	Neighbourhood	6	\$ 219,718	\$ 286,945	\$ 1,318,307	\$ 1,721,670	\$ 197,746	\$ 329,577	\$ 3,567,300	
STATE-CF011	STATE-CF011	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF012	STATE-CF012	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF013	STATE-CF013	State Primary School	Neighbourhood	7	\$ 219,718	\$ 286,945	\$ 1,538,025	\$ 2,008,615	\$ 230,704	\$ 384,506	\$ 4,161,850	
STATE-CF014	STATE-CF014	State High School	Neighbourhood	12	\$ 183,645	\$ 286,945	\$ 2,203,735	\$ 3,443,339	\$ 330,560	\$ 550,934	\$ 6,528,568	
STATE-CF015	STATE-CF015	State High School	Neighbourhood	12	\$ 183,645	\$ 286,945	\$ 2,203,735	\$ 3,443,339	\$ 330,560	\$ 550,934	\$ 6,528,568	
STATE-CF016	STATE-CF016	State High School	Neighbourhood	12	\$ 183,645	\$ 286,945	\$ 2,203,735	\$ 3,443,339	\$ 330,560	\$ 550,934	\$ 6,528,568	
STATE-CF017	STATE-CF017	State High School	Neighbourhood	8.5	\$ 183,645	\$ 286,945	\$ 1,560,979	\$ 2,439,032	\$ 234,147	\$ 390,245	\$ 4,624,402	
STATE-CF018	STATE-CF018	State High School	Neighbourhood	12	\$ 183,645	\$ 286,945	\$ 2,203,735	\$ 3,443,339	\$ 330,560	\$ 550,934	\$ 6,528,568	
							Sub-Total	\$ 30,180,525	\$ 42,037,433	\$ 4,522,579	\$ 7,537,631	\$ 84,248,169
Other Provisions - State												
STATE-RL001	STATE-RL	Rail Corridor		28.2	\$ 286,945	\$ -	\$ 8,091,847	\$ -	\$ -	\$ -	\$ 8,091,847	
							Sub-Total	\$ -	\$ 8,091,847	\$ -	\$ -	\$ 8,091,847
							STATE COMMUNITY FACILITIES TOTAL	\$ 35,241,167	\$ 53,916,954	\$ 5,286,175	\$ 8,810,292	\$ 103,254,588