

STRATEGIC TRANSPORT SUB-PROGRAM

ROAD UPGRADE PROJECTS PRIORITISATION MATRIX

August 2019

PROJECT ¹	PROJECT NAME	SUBURB	LOCATION	CAPACITY UPGRADE (4 lanes)	URBAN STANDARD UPGRADE (2 lanes)	SIA ²	UPGRADE TIMING		
							1	2	3
							19/20	20/21	21/22
							FIXED		
1	Old Toowoomba Road	Liechhardt - One Mile	Lobb St - Old Toowoomba Rd	✓					
2	Brisbane Street	West Ipswich	Burnett St - Hooper St	3 lanes					
3	Redbank Plains Road	Redbank Plains - Bellbird Park	Keidges Rd - Kruger Pde	✓					
4	Springfield Pky - Springfield Greenbank Art	Springfield	Centenary Hwy - Eden Station Drv	✓		✓			
5	Springfield Greenbank Arterial	Springfield	Eden Station Dve - Sinnathamby Bvd	✓		✓			
6	Springfield Parkway	Springfield	Springfield Greenbank Art - Topaz Rd	✓					

PRIORITY	PROJECT NAME	SUBURB	LOCATION	CAPACITY UPGRADE (4 lanes)	URBAN STANDARD UPGRADE (2 lanes)	SIA ²	Length (km)	Existing Volume	Existing Geometric Standard	Existing Road Capacity (vpd)	VOLUME / CAPACITY RATIO		CRASHES ³			TRAFFIC GROWTH RATE			PRIORITY			
											Observed	Standardised	2014-2018	Average / km / year	Standardised	Observed	Relative	Standardised	Vol:Cap (70%)	Crash Rate (15%)	Growth Rate (15%)	Weighted Score
1	Redbank Plains Road	Redbank Plains	Cunningham Hwy - Collingwood Drv	✓			3.1	15800	Low	10000	1.58	1.00	23	1.5	0.69	11.0%	6.7%	0.59	70	10	9	89
2	Augusta Pky - Sinnathamby Bvd	Springfield	Eden Station Drv - Main St	✓		✓	0.5	25900	High	20000	1.30	0.82	4	1.6	0.75	11.5%	11.5%	1.00	57	11	15	84
3	School Road	Redbank Plains	Alawoona St - Redbank Plains Rd		✓		1.4	16400	Medium	15000	1.09	0.69	15	2.1	1.00	11.6%	7.4%	0.64	48	15	10	73
4	Albion Street	Brassall	Sydney St - Workshops St	✓			0.4	16800	Medium	15000	1.12	0.71	4	2.0	0.93	1.2%	0.8%	0.07	50	14	1	65
5	Mary Street	Blackstone	Cunningham Hwy - Thomas St	✓			1.5	15900	Medium	15000	1.06	0.67	13	1.7	0.81	5.6%	3.4%	0.30	47	12	5	64
6	Toongarra Road	Leichhardt	Old Toowoomba Rd - Samford Rd	✓			0.4	14900	Medium	15000	0.99	0.63	3	1.5	0.70	1.6%	0.9%	0.08	44	11	1	56
7	Waterworks Road	North Ipswich	Pine Mountain Rd – Warrego Hwy	✓			0.8	13800	Medium	15000	0.92	0.58	7	1.8	0.82	2.1%	1.1%	0.10	41	12	1	54
8	Keidges Road	Redbank Plains	Brittains Rd – Jones Rd		✓		0.7	9200	Low	10000	0.92	0.58	5	1.4	0.67	5.3%	1.9%	0.16	41	10	2	53
9	Junction Road	Karalee	Arthur Summervilles Rd - Torrens St		✓		1.4	10100	Low	10000	1.01	0.64	3	0.4	0.20	2.5%	1.0%	0.09	45	3	1	49
10	Springfield Greenbank Arterial	Springfield	Springfield Central Bvd - Grande Ave	✓			0.5	18100	High	20000	0.91	0.57	1	0.4	0.19	4.2%	2.9%	0.25	40	3	4	47
11	Ripley Road	Flinders View	Cunningham Hwy – Edwards St	✓			0.9	10800	Medium	15000	0.72	0.46	4	0.9	0.41	9.0%	3.8%	0.33	32	6	5	43
12	Jones Road	Bellbird Park	Augusta Pky - Happy Jack Gully		✓		1.4	7600	Low	10000	0.76	0.48	3	0.4	0.20	9.7%	2.8%	0.25	34	3	4	40
13	Jones Road	Bellbird Park	Alice Street - Happy Jack Gully		✓		2.9	6300	Low	10000	0.63	0.40	5	0.3	0.16	9.5%	2.3%	0.20	28	2	3	33
14	Eden Station Drive	Springfield	Augusta Pky - Springfield Greenbank Art	✓			0.8	9000	High	20000	0.45	0.28	2	0.5	0.23	13.3%	4.6%	0.40	20	4	6	29
15	Edwards Street	Raceview	Briggs Rd – Ripley Rd	✓			1.1	6200	Medium	15000	0.41	0.26	3	0.5	0.25	7.5%	1.8%	0.16	18	4	2	24
16	Jacobs Street / Pottery Road	Dinmore / New Chum	Aberdare St - Old Ipswich Rd		✓		0.6	3900	Low	10000	0.39	0.25	0	0.0	0.00	1.0%	0.2%	0.01	17	0	0	17
17	Keidges Road	Redbank Plains	Brittains Rd – Mt Juillierat Drv		✓		1.2	3500	Low	10000	0.35	0.22	0	0.0	0.00	5.3%	0.7%	0.06	16	0	1	16
18	Greenwood Village Road / Rice Road	Redbank Plains	Redbank Plains Rd - Halletts Rd		✓		1.7	1500	Low	10000	0.15	0.09	2	0.2	0.11	1.9%	0.1%	0.01	7	2	0	8

NOTES:

1. Projects 1 - 6 are listed for upgrade within years 1, 2 or 3 of the Long Term Financial Forecast - 10 Year Capital Portfolio and are considered fixed for planning and delivery purpose.

2. SIA = Springfield Infrastructure Agreement. These projects are the responsibility of Council to deliver under the SIA in accordance with traffic volumes triggers. Investment in these projects may need to be undertaken ahead of other projects prioritised higher to meet Council's responsibilities under the SIA.

3. Reported accidents are from Queensland Government Webcrash database between 2014-2018.

4. Road upgrade projects included within the Economic Development Queensland (EDQ) - Ripley Valley Priority Development Area (PDA) are assumed to be funded and delivered by Developers within the Ripley PDA, and as such have not been included.