

Appendix A. 2046 Model Results

Figure 1

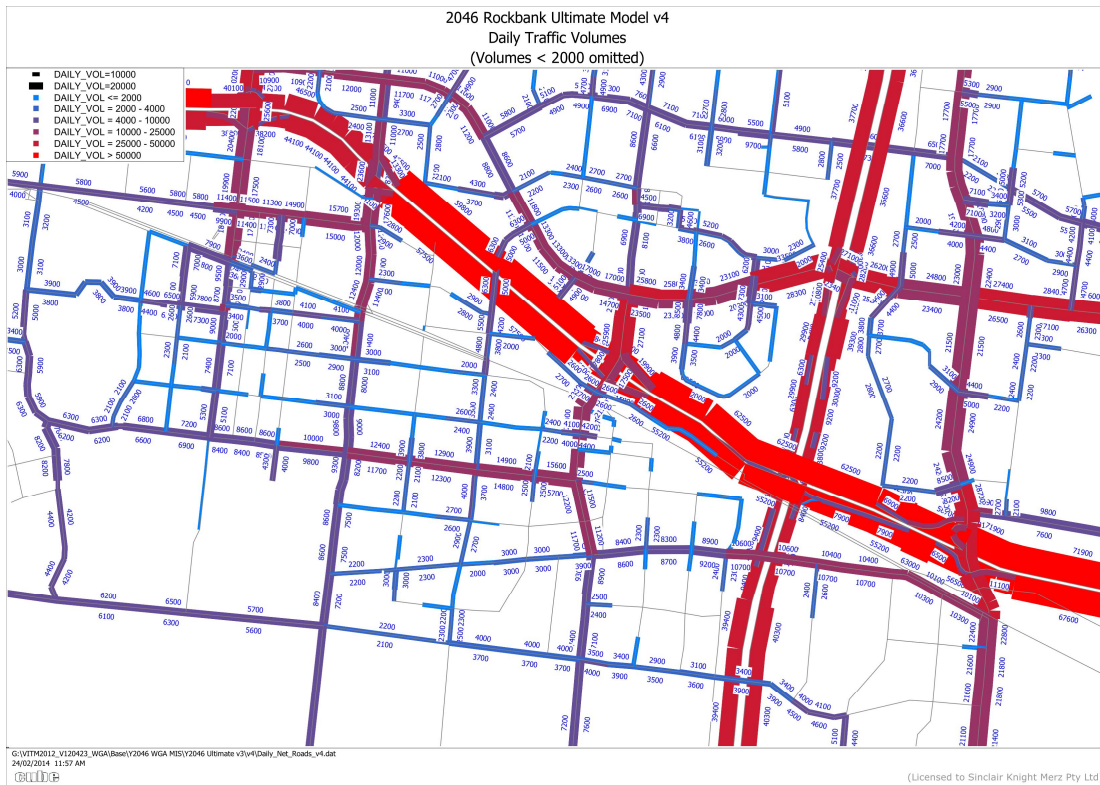


Figure 2

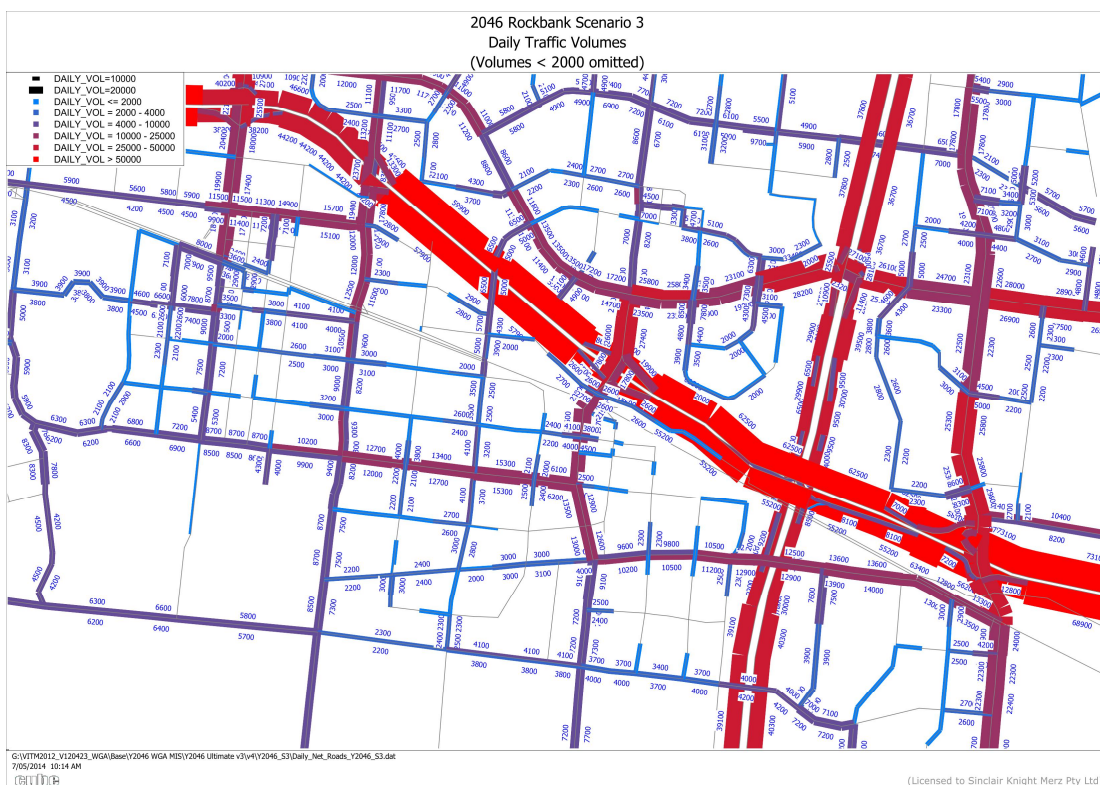


Figure 3

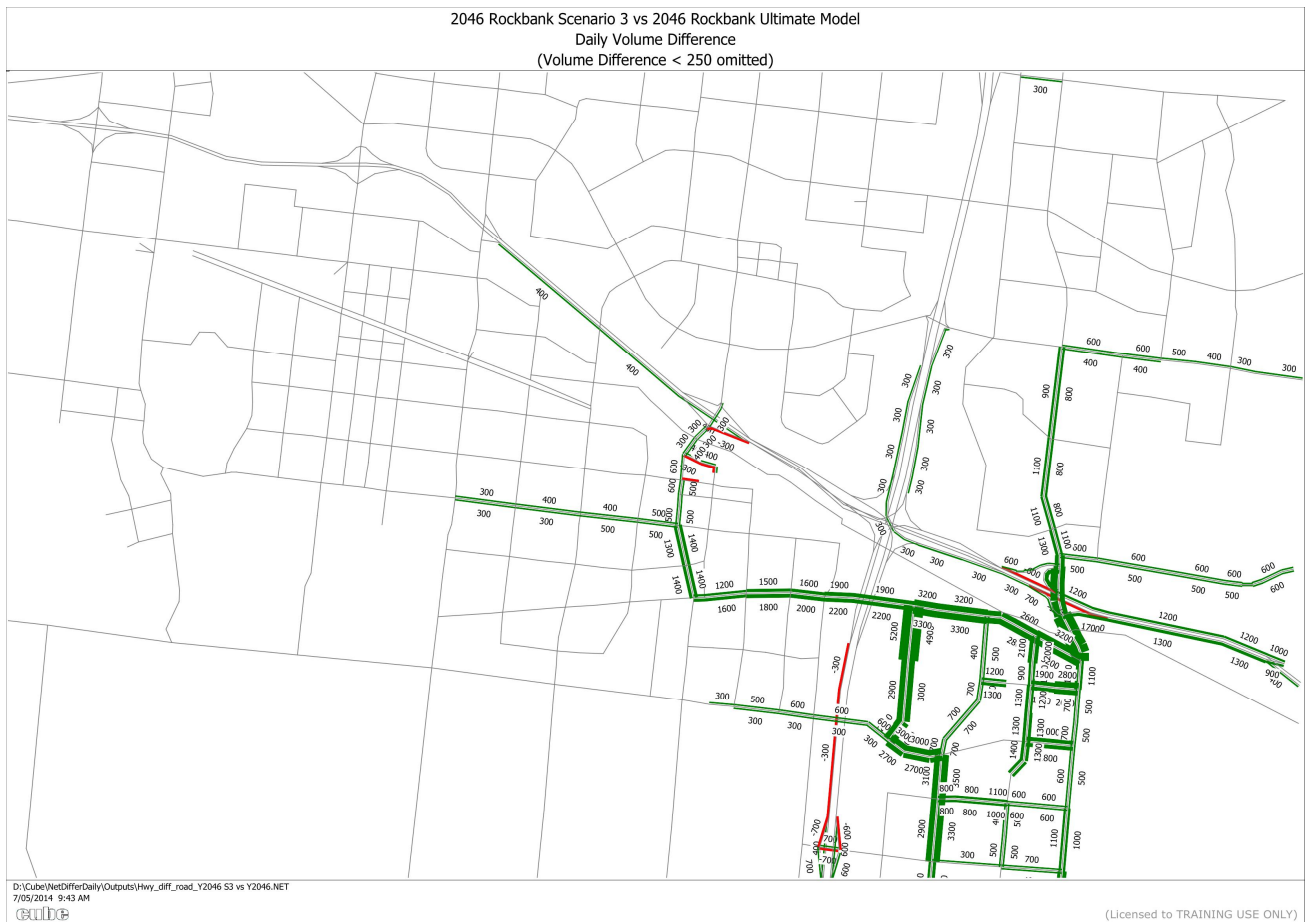


Figure 4



Figure 5

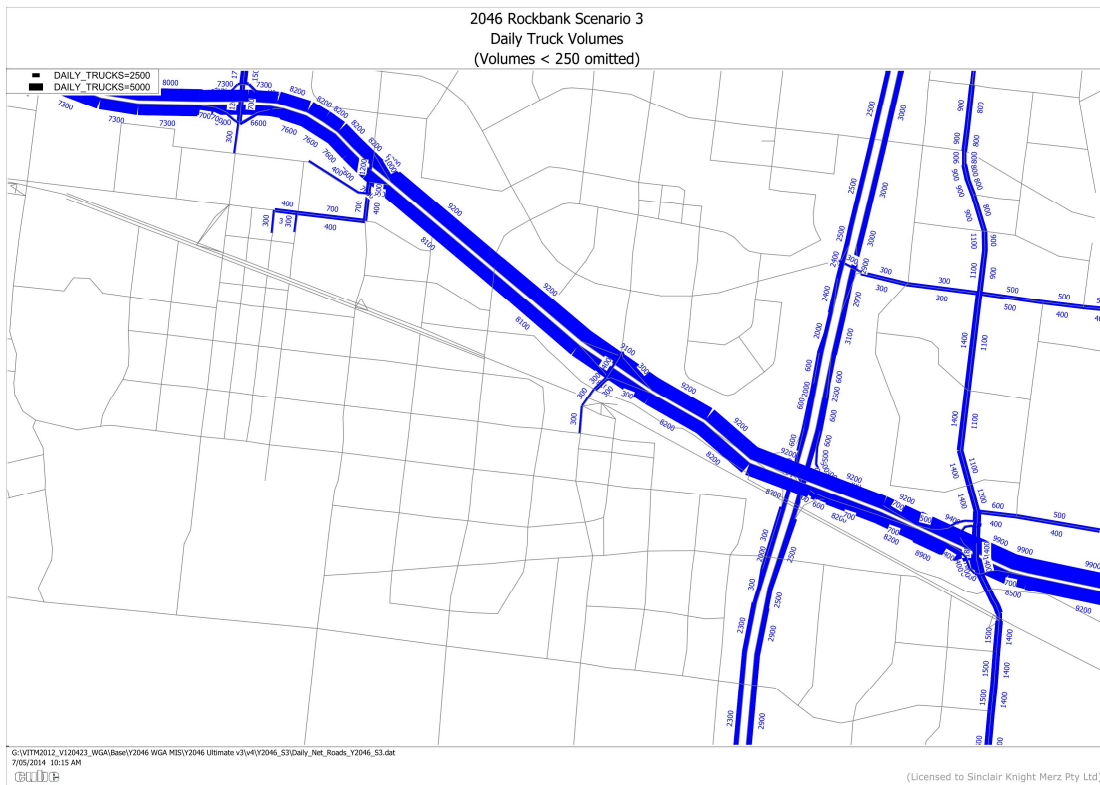


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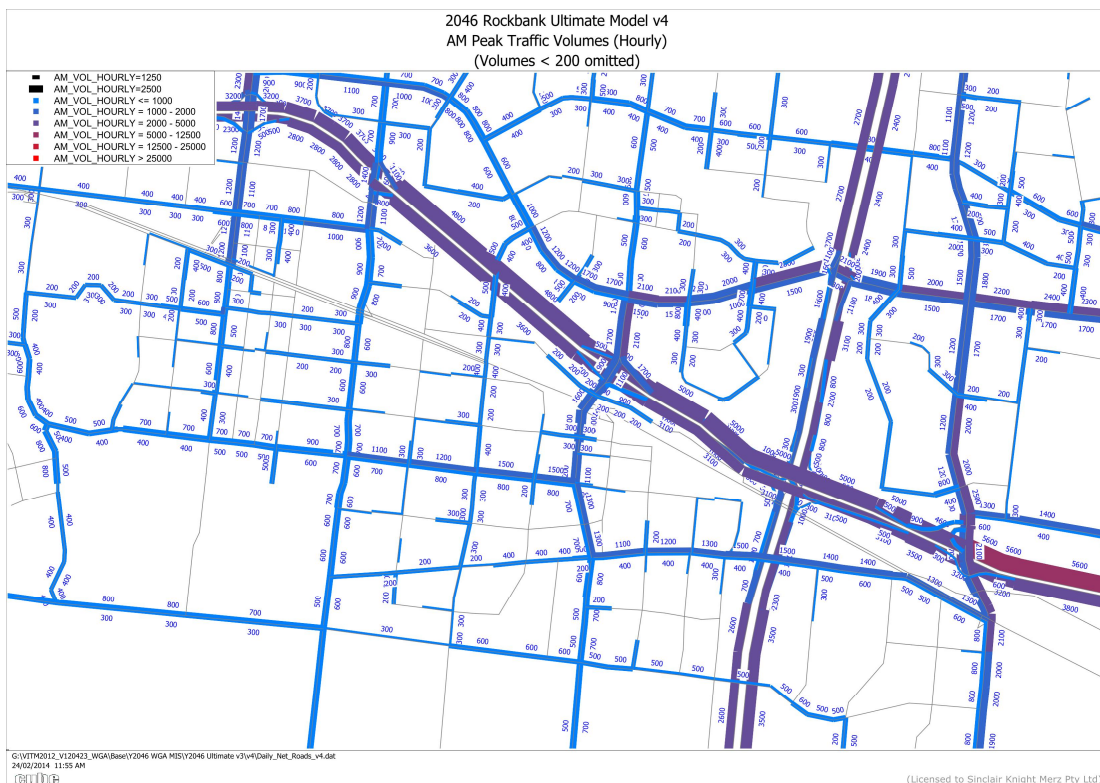


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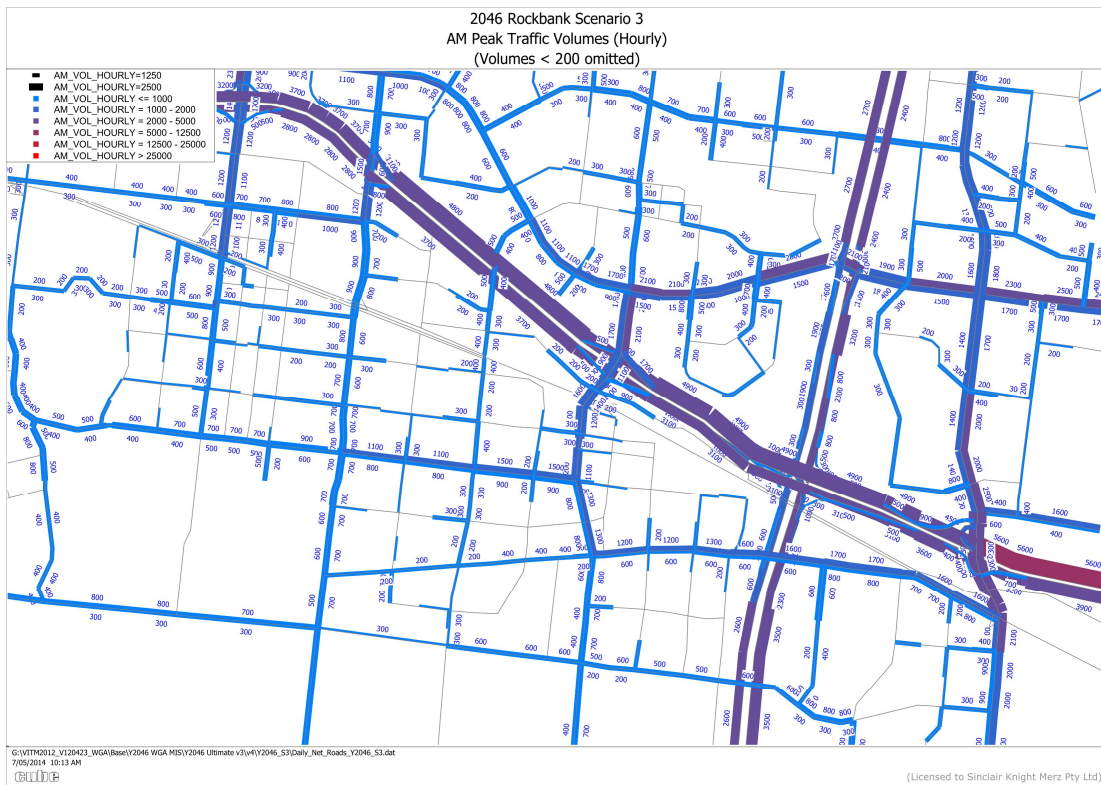


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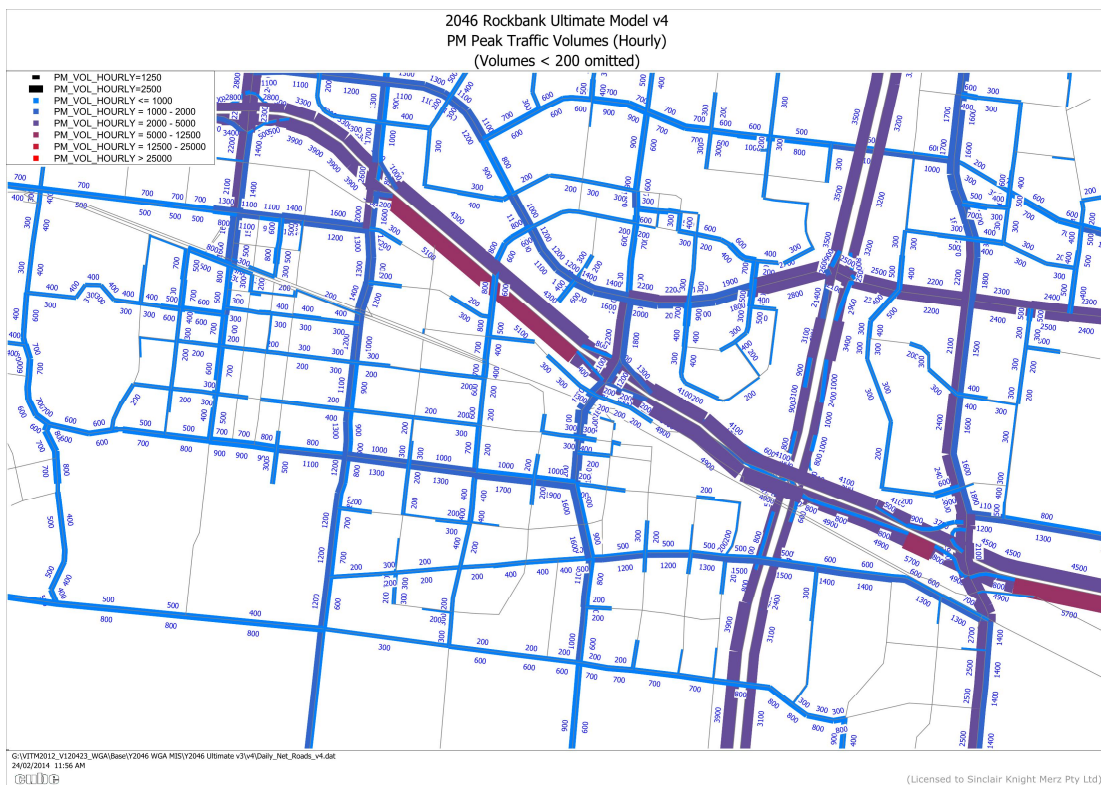


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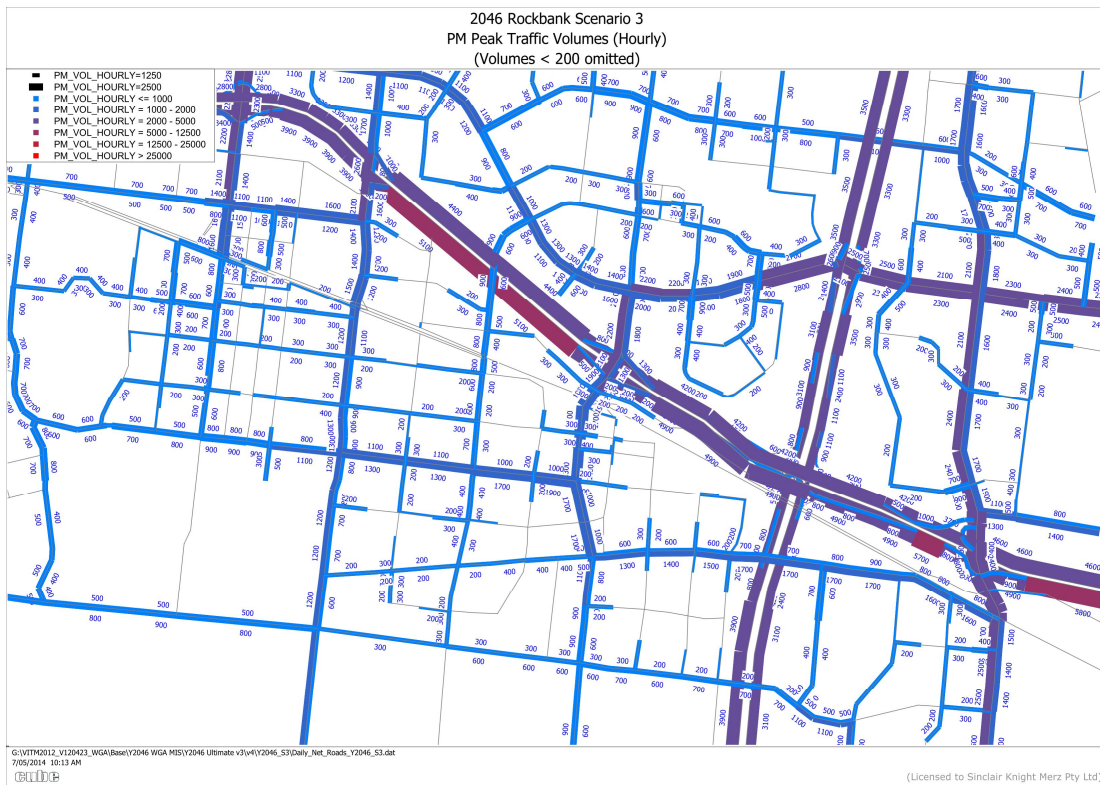


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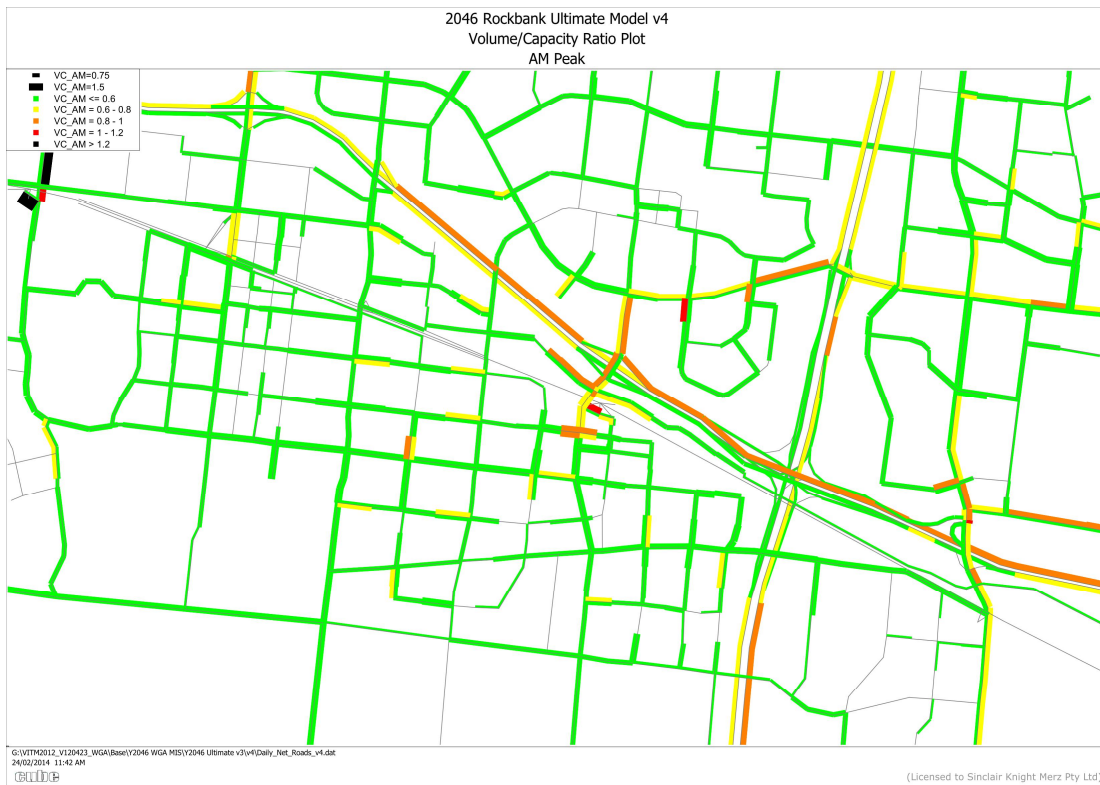


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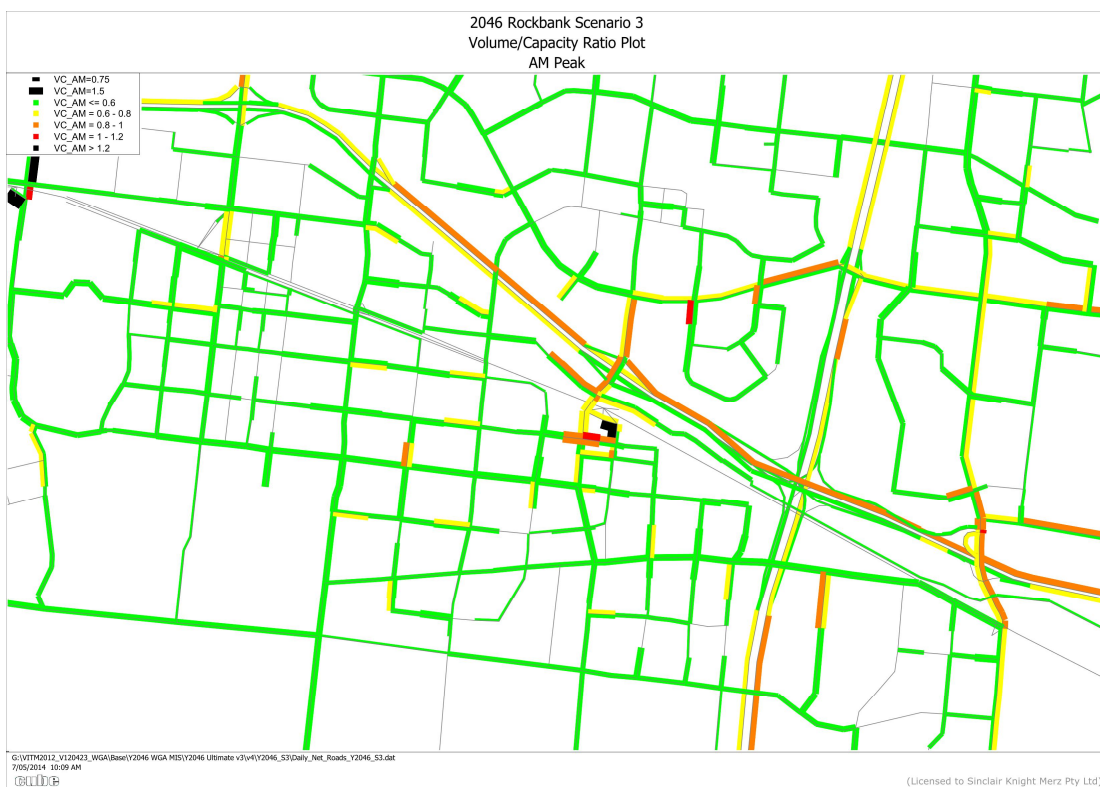


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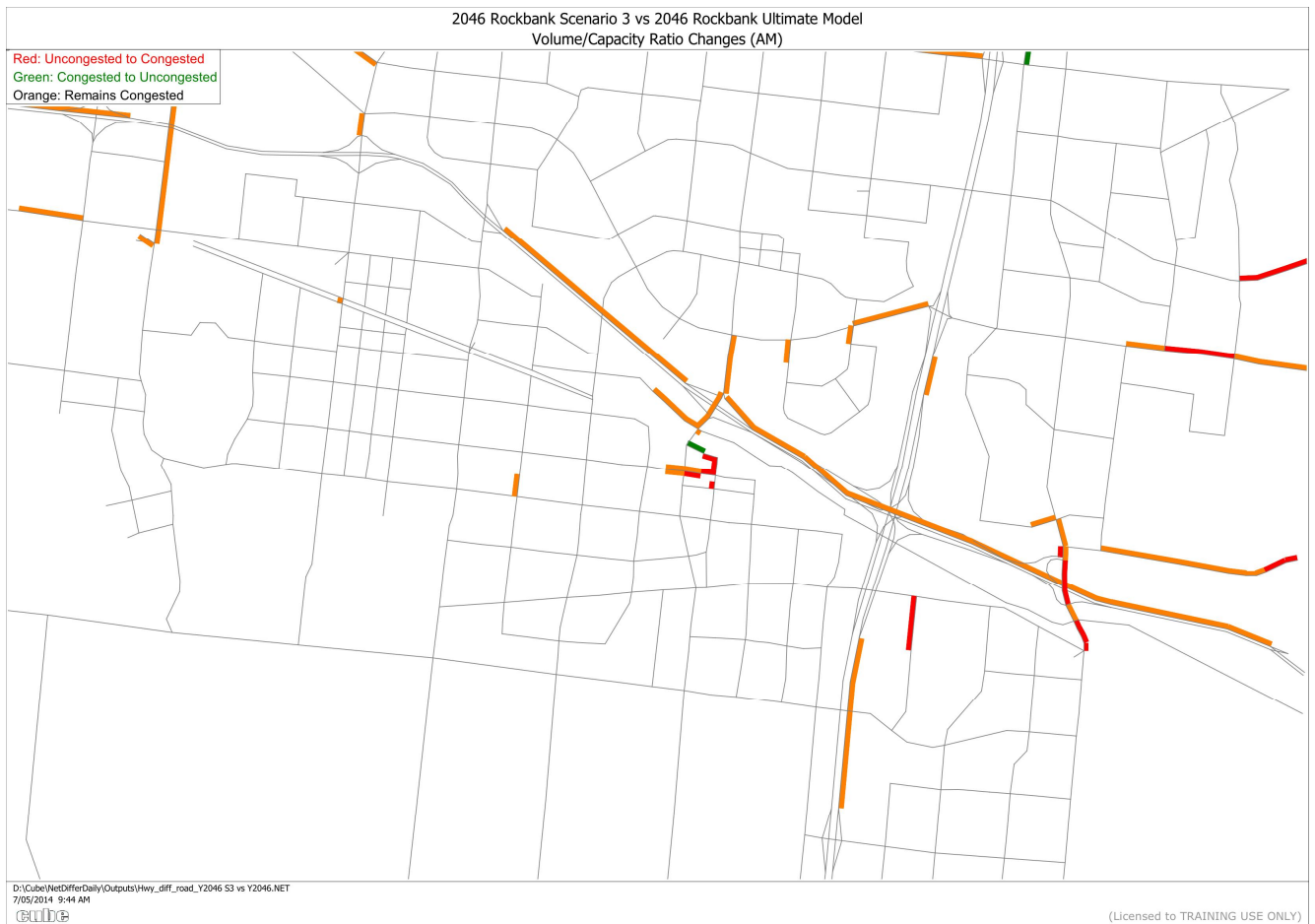


Figure 13

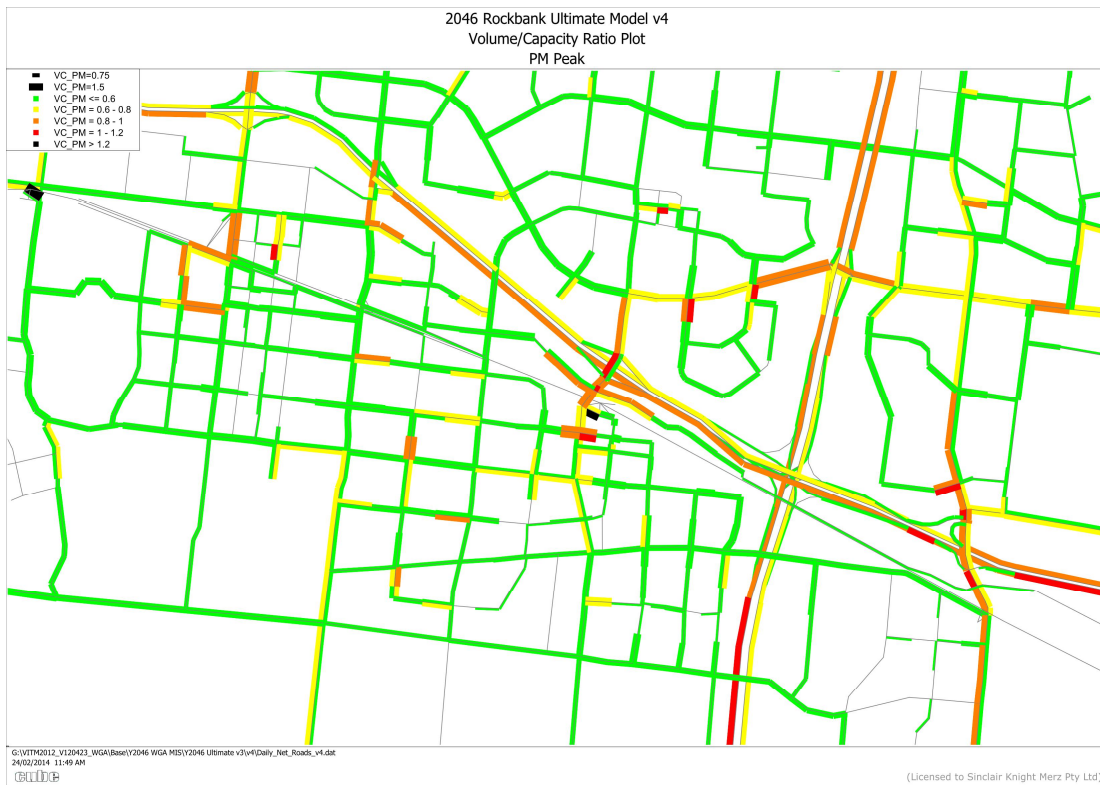


Figure 14

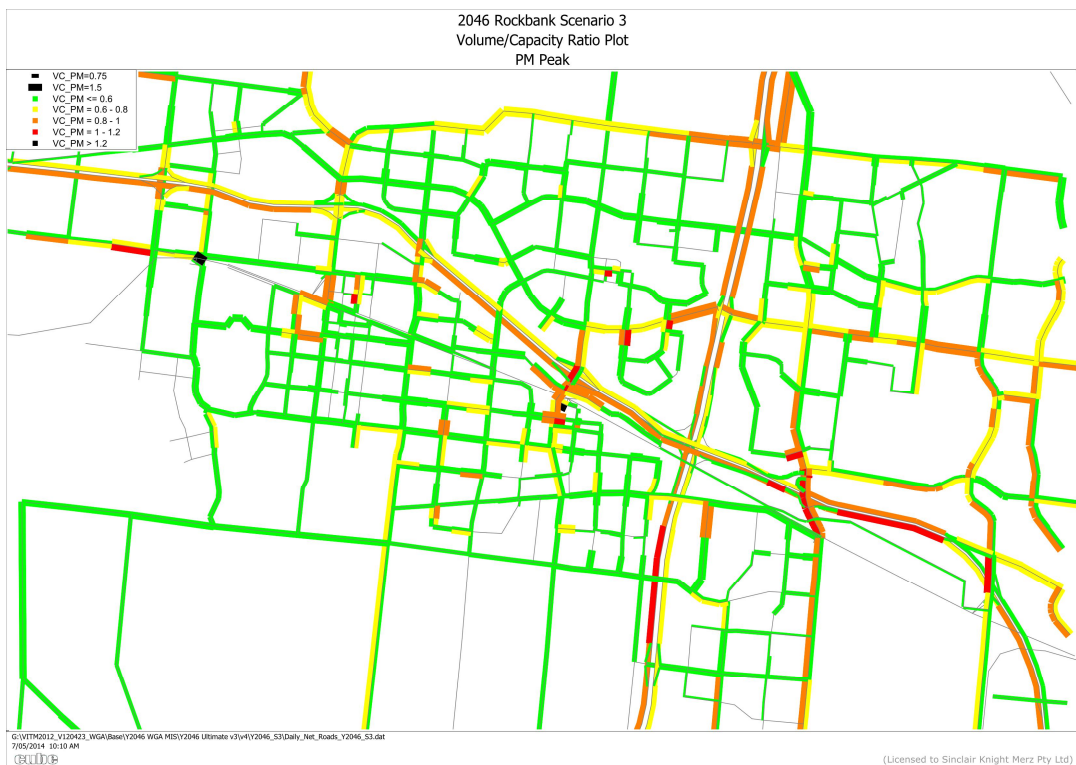


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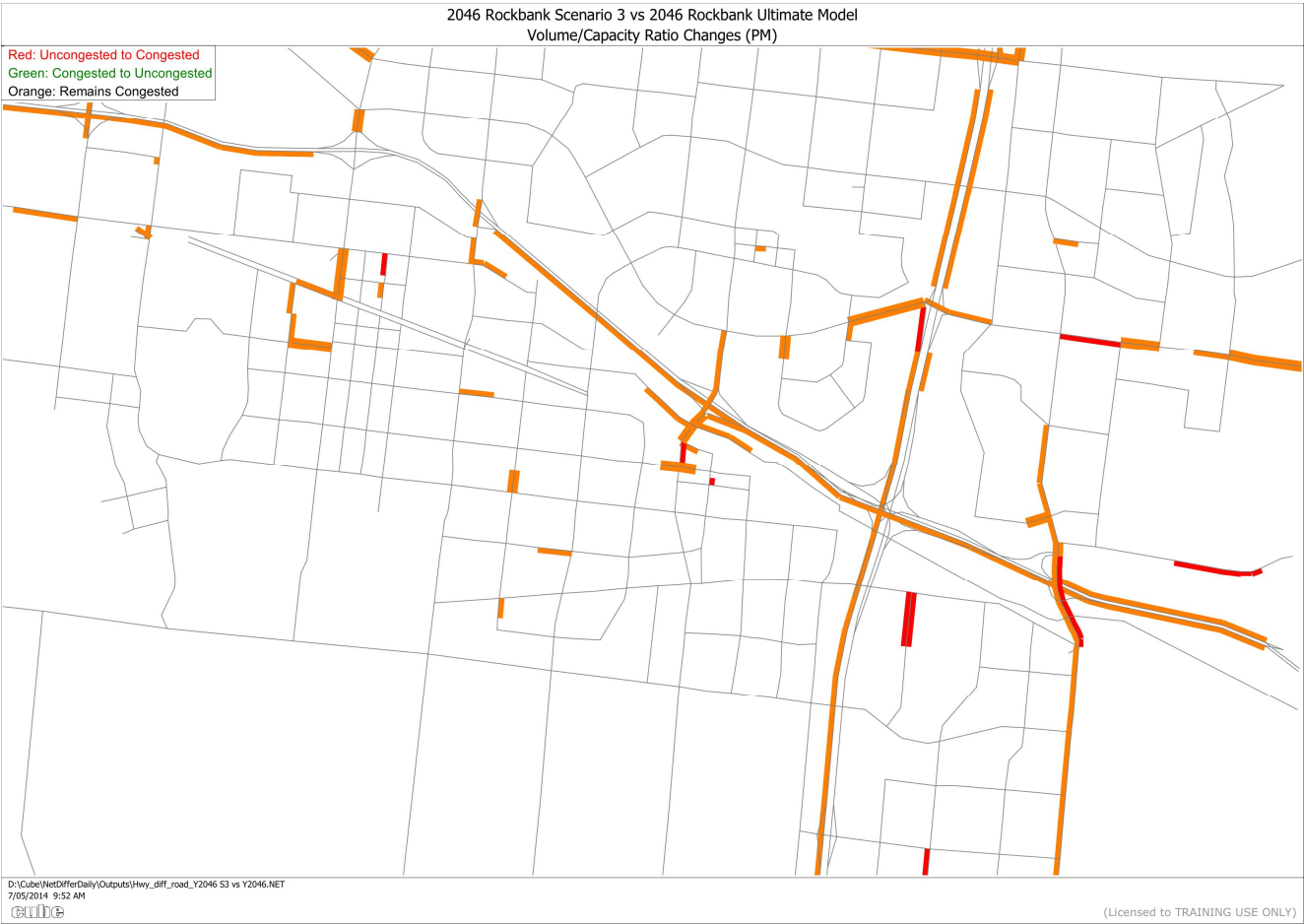


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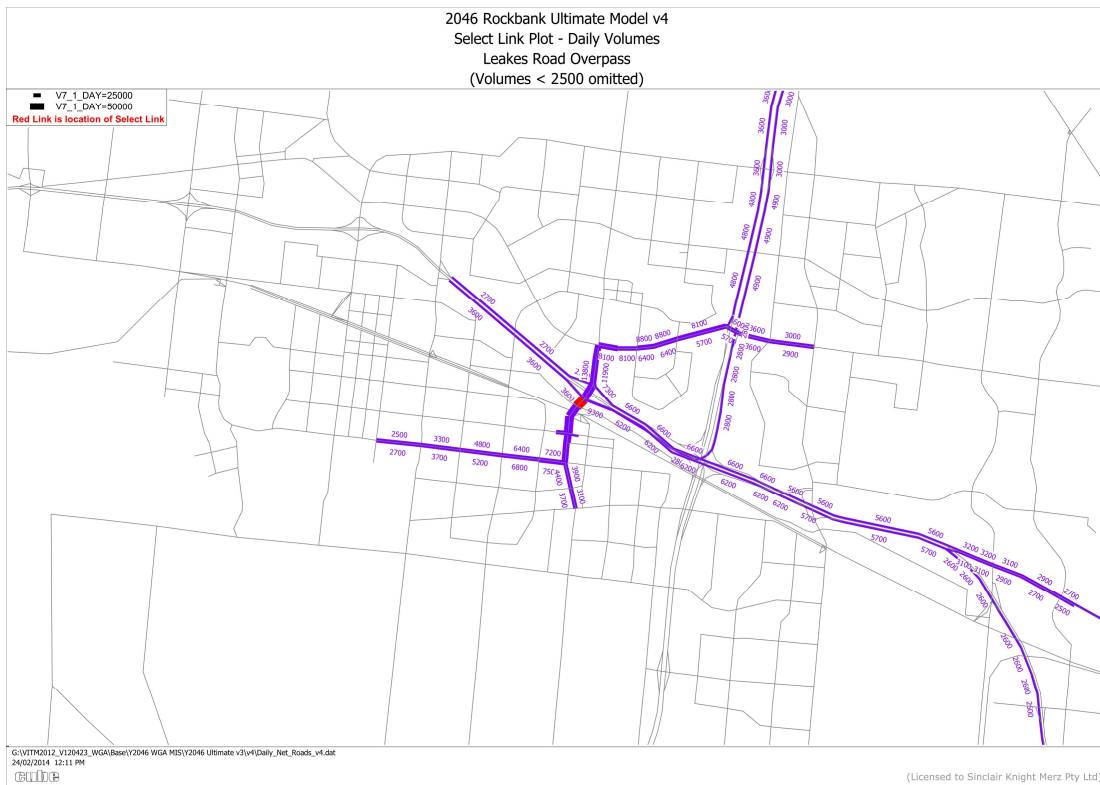


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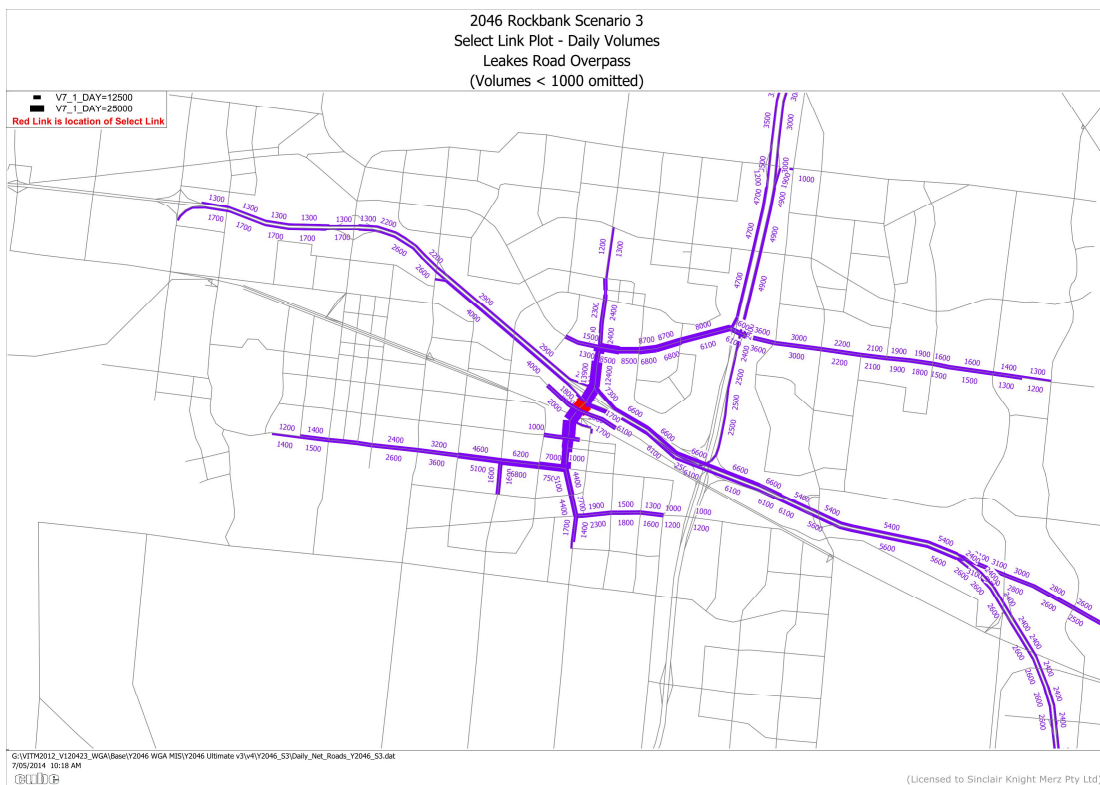


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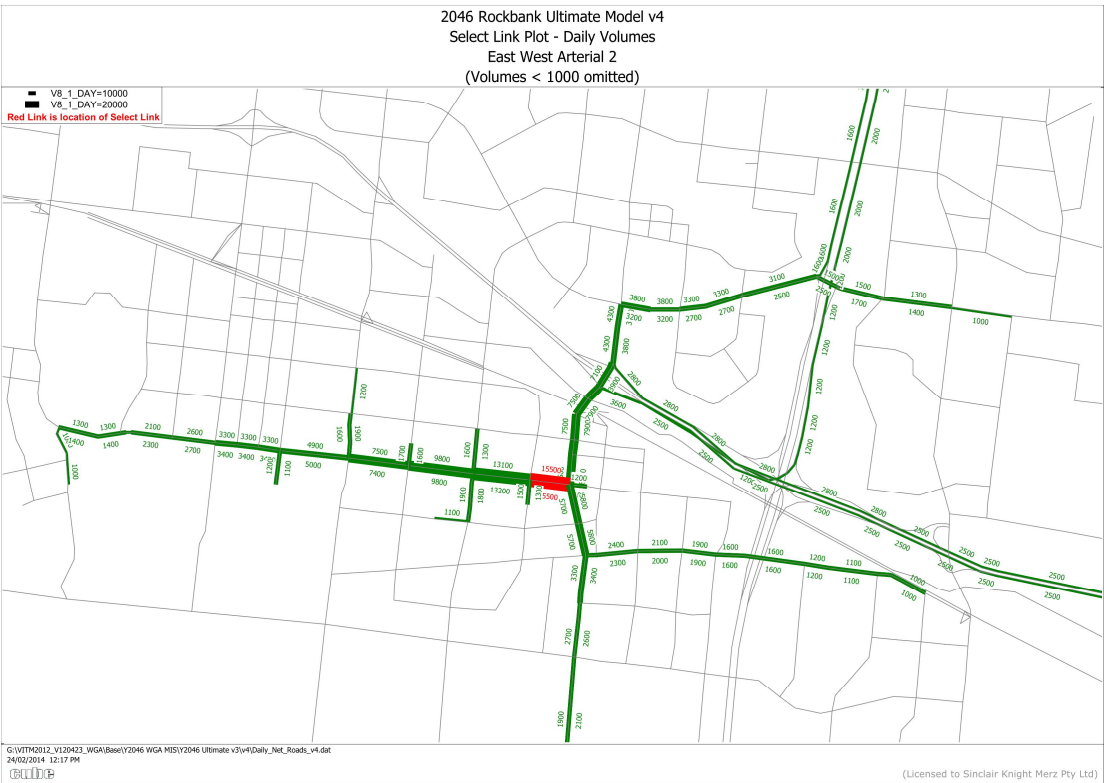


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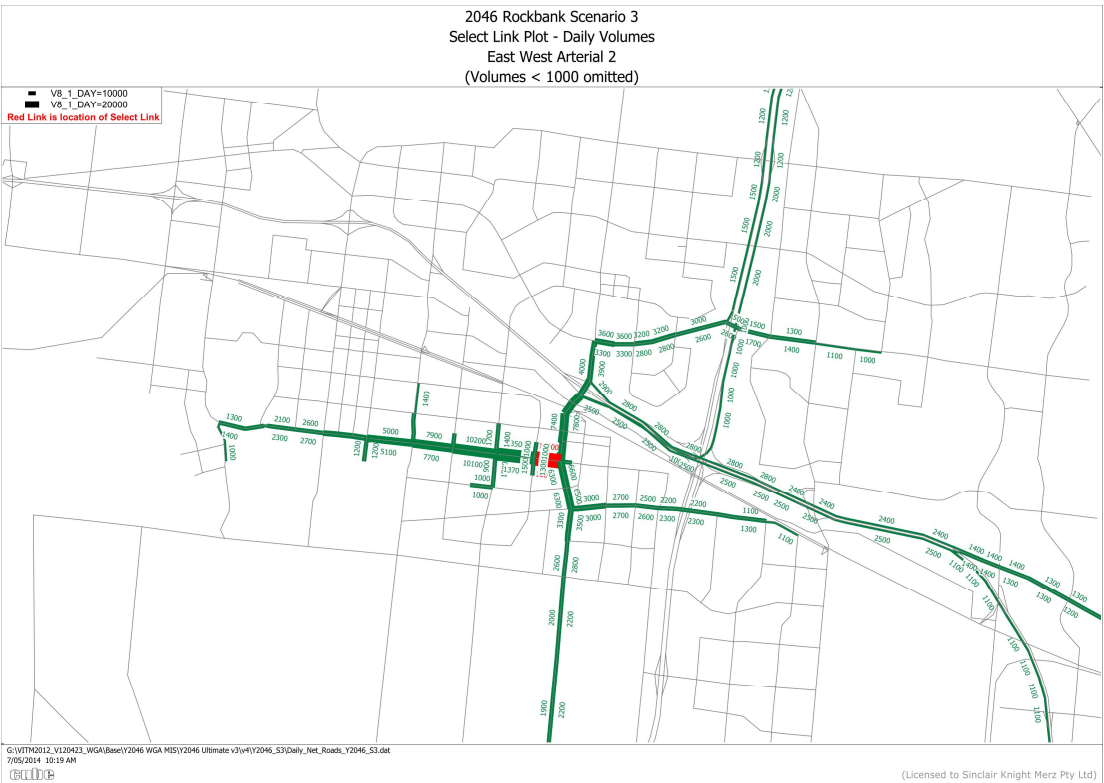


Figure 20

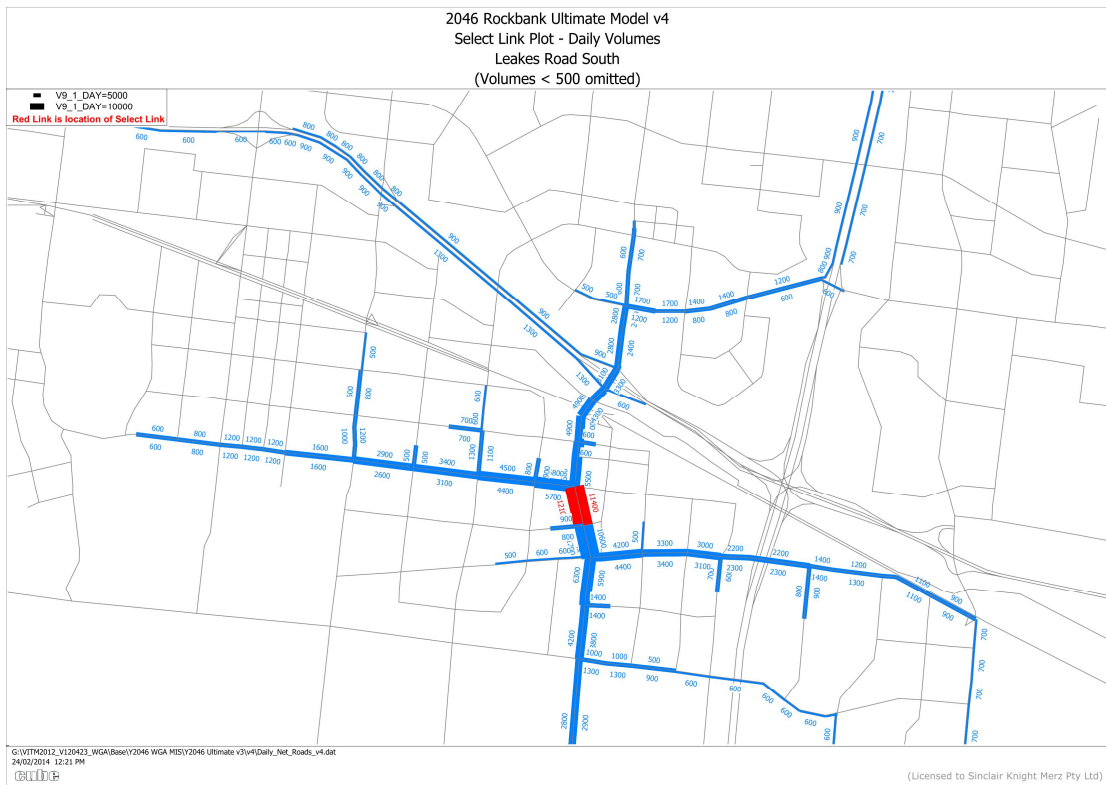


Figure 21



Figure 22

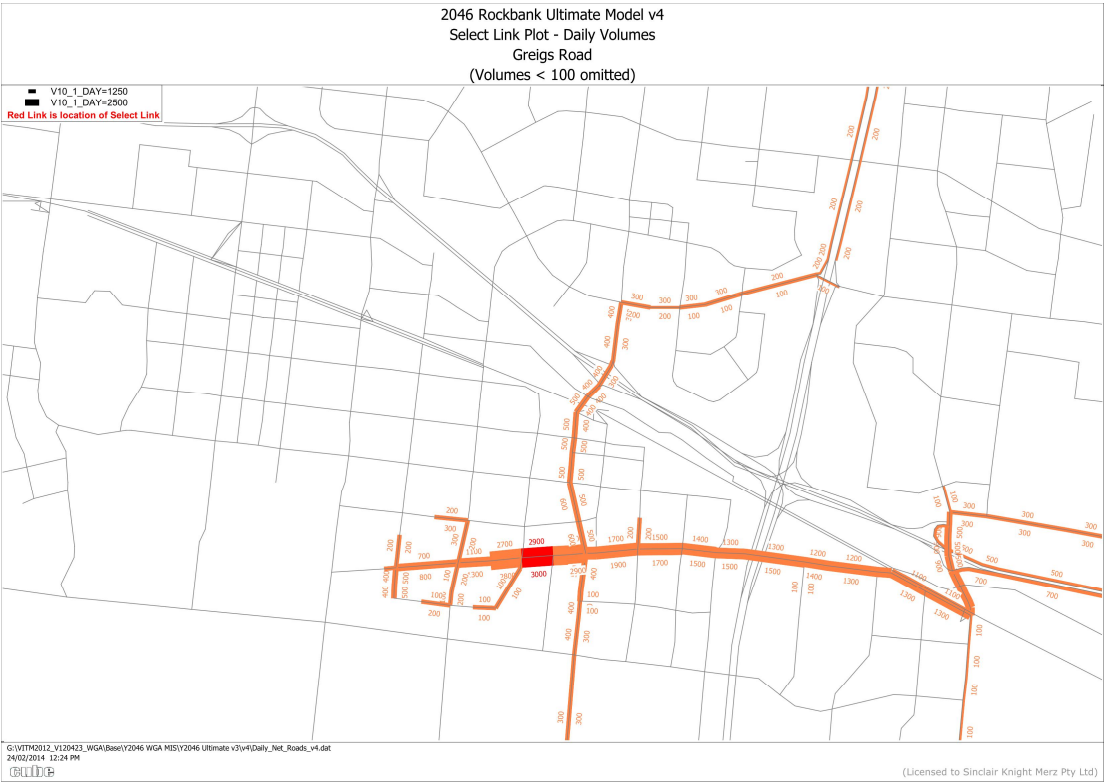


Figure 23



Figure 24

ROCKBANK PSP MODELLING

SKM

Rockbank 2046 Ultimate v4

Bus Boardings (per direction) by route

Description	Bus Route	AM	IP	PM	OP	DAILY
ROCKBANK - WERRIBEE	SM7	411	1,326	1,267	477	3,480
PLUMPTON - MELTON RS (VIA TOOLERN RS)	SM130	198	220	222	100	740
ROCKBANK - TOOLERN LOOP (VIA MT COTTRELL AND PLUMPTON)	LD124	155	140	49	37	381
ROCKBANK RS - ROCKBANK WEST (VIA PLUMPTON)	C1118	18	24	34	16	92
CAROLINE SPRINGS - TOOLERN RS (VIA ROCKBANK RS)	C1104	60	54	39	14	167
TOOLERN - MELTON LOOP (COMPLETE)	LD132	279	346	397	205	1,227
TOOLERN RS - TOOLERN EAST RS (VIA SOUTHERN TOOLERN)	C1121	8	26	162	50	247
TOOLERN - MELTON LOOP (COMPLETE)	LD132	279	346	397	205	1,227
TOOLERN RS - TOOLERN EAST RS (VIA NORTHERN TOOLERN)	C1120	1	4	25	7	37
TOTAL		1,408	2,484	2,593	1,111	7,597

Description	Bus Route	AM	IP	PM	OP	DAILY
WERRIBEE - ROCKBANK	2SM7	592	1,964	628	436	3,620
MELTON RS - PLUMPTON (VIA TOOLERN RS)	2SM130	183	213	314	124	834
TOOLERN - ROCKBANK LOOP (VIA MT COTTRELL AND PLUMPTON)	2LD124	18	47	211	77	352
ROCKBANK WEST - ROCKBANK RS (VIA PLUMPTON)	2C1118	11	11	3	3	27
TOOLERN RS - CAROLINE SPRINGS (VIA ROCKBANK RS)	2C1104	23	26	84	28	161
MELTON - TOOLERN LOOP (COMPLETE)	2LD132	269	318	359	191	1,137
TOOLERN EAST RS - TOOLERN RS (VIA SOUTHERN TOOLERN)	2C1121	116	89	15	22	242
MELTON - TOOLERN LOOP (COMPLETE)	2LD132	269	318	359	191	1,137
TOOLERN EAST RS - TOOLERN RS (VIA NORTHERN TOOLERN)	2C1120	17	15	2	4	38
TOTAL		1,500	2,998	1,975	1,075	7,548

Bus Boardings (2 way volumes)

Description	Bus Route	AM	IP	PM	OP	DAILY
ROCKBANK - WERRIBEE	SM7	1,003	3,289	1,896	912	7,100
PLUMPTON - MELTON RS (VIA TOOLERN RS)	SM130	381	433	536	224	1,574
ROCKBANK - TOOLERN LOOP (VIA MT COTTRELL AND PLUMPTON)	LD124	173	187	260	113	733
ROCKBANK RS - ROCKBANK WEST (VIA PLUMPTON)	C1118	29	35	37	19	119
CAROLINE SPRINGS - TOOLERN RS (VIA ROCKBANK RS)	C1104	83	80	123	42	328
TOOLERN - MELTON LOOP (COMPLETE)	LD132	548	663	756	396	2,364
TOOLERN RS - TOOLERN EAST RS (VIA SOUTHERN TOOLERN)	C1121	124	115	178	72	489
TOOLERN - MELTON LOOP (COMPLETE)	LD132	548	663	756	396	2,364
TOOLERN RS - TOOLERN EAST RS (VIA NORTHERN TOOLERN)	C1120	18	19	27	10	74
TOTAL		2,908	5,483	4,568	2,186	15,145

Train Boardings

Train Line	Station	AM	IP	PM	OP	DAILY
Melton Line	Sunshine	6,243	7,893	3,808	2,515	20,459
	Ardeer	207	309	88	86	691
	Deer Park	3,782	4,104	998	1,213	10,098
	Caroline Springs	1,555	1,088	114	231	2,988
	Rockbank	2,527	2,281	329	567	5,703
	Toolern Road	2,042	1,823	326	481	4,671
	Melton	15,076	7,283	824	1,922	25,105
TOTAL		31,431	24,782	6,487	7,016	69,716

Period	Time
AM	7am - 9am
IP	9am - 3pm
PM	3pm - 6pm
OP	6pm - 7am

Figure 25

ROCKBANK PSP MODELLING



Rockbank 2046 S3

Bus Boardings (per direction) by route

Description	Bus Route	AM	IP	PM	OP	DAILY
ROCKBANK - WERRIBEE	SM7	500	1,482	1,304	502	3,789
PLUMPTON - MELTON RS (VIA TOOLERN RS)	SM130	201	220	224	101	746
ROCKBANK - TOOLERN LOOP (VIA MT COTTRELL AND PLUMPTON)	LD124	159	142	50	37	388
ROCKBANK RS - ROCKBANK WEST (VIA PLUMPTON)	C1118	71	57	41	23	192
CAROLINE SPRINGS - TOOLERN RS (VIA ROCKBANK RS)	C1104	65	59	68	17	209
TOOLERN - MELTON LOOP (COMPLETE)	LD132	283	347	401	206	1,237
TOOLERN RS - TOOLERN EAST RS (VIA SOUTHERN TOOLERN)	C1121	8	27	165	50	250
TOOLERN - MELTON LOOP (COMPLETE)	LD132	283	347	401	206	1,237
TOOLERN RS - TOOLERN EAST RS (VIA NORTHERN TOOLERN)	C1120	1	4	26	7	37
TOTAL		1,570	2,684	2,681	1,149	8,085

Description	Bus Route	AM	IP	PM	OP	DAILY
WERRIBEE - ROCKBANK	2SM7	592	1,962	829	495	3,878
MELTON RS - PLUMPTON (VIA TOOLERN RS)	2SM130	186	213	317	124	839
TOOLERN - ROCKBANK LOOP (VIA MT COTTRELL AND PLUMPTON)	2LD124	17	47	216	77	357
ROCKBANK WEST - ROCKBANK RS (VIA PLUMPTON)	2C1118	11	11	3	3	28
TOOLERN RS - CAROLINE SPRINGS (VIA ROCKBANK RS)	2C1104	43	38	91	30	202
MELTON - TOOLERN LOOP (COMPLETE)	2LD132	272	319	363	192	1,146
TOOLERN EAST RS - TOOLERN RS (VIA SOUTHERN TOOLERN)	2C1121	118	90	15	22	245
MELTON - TOOLERN LOOP (COMPLETE)	2LD132	272	319	363	192	1,146
TOOLERN EAST RS - TOOLERN RS (VIA NORTHERN TOOLERN)	2C1120	18	15	2	4	38
TOTAL		1,529	3,013	2,198	1,139	7,880

Bus Boardings (2 way volumes)

Description	Bus Route	AM	IP	PM	OP	DAILY
ROCKBANK - WERRIBEE	SM7	1,092	3,445	2,133	998	7,667
PLUMPTON - MELTON RS (VIA TOOLERN RS)	SM130	387	433	541	225	1,585
ROCKBANK - TOOLERN LOOP (VIA MT COTTRELL AND PLUMPTON)	LD124	176	189	266	114	745
ROCKBANK RS - ROCKBANK WEST (VIA PLUMPTON)	C1118	82	68	44	26	219
CAROLINE SPRINGS - TOOLERN RS (VIA ROCKBANK RS)	C1104	108	97	159	48	411
TOOLERN - MELTON LOOP (COMPLETE)	LD132	555	666	764	398	2,382
TOOLERN RS - TOOLERN EAST RS (VIA SOUTHERN TOOLERN)	C1121	126	116	180	73	495
TOOLERN - MELTON LOOP (COMPLETE)	LD132	555	666	764	398	2,382
TOOLERN RS - TOOLERN EAST RS (VIA NORTHERN TOOLERN)	C1120	19	19	28	10	76
TOTAL		3,100	5,697	4,879	2,288	15,964

Train Boardings

Train Line	Station	AM	IP	PM	OP	DAILY
Melton Line	Sunshine	6,145	8,029	3,838	2,518	20,531
	Ardeer	208	334	89	86	717
	Deer Park	3,945	4,108	989	1,270	10,311
	Caroline Springs	1,754	1,253	126	263	3,396
	Rockbank	2,815	2,321	337	574	6,047
	Toolern Road	2,070	1,835	323	482	4,711
	Melton	15,208	7,321	821	1,929	25,280
TOTAL		32,146	25,201	6,523	7,122	70,993

Period	Time
AM	7am - 9am
IP	9am - 3pm
PM	3pm - 6pm
OP	6pm - 7am

Figure 26

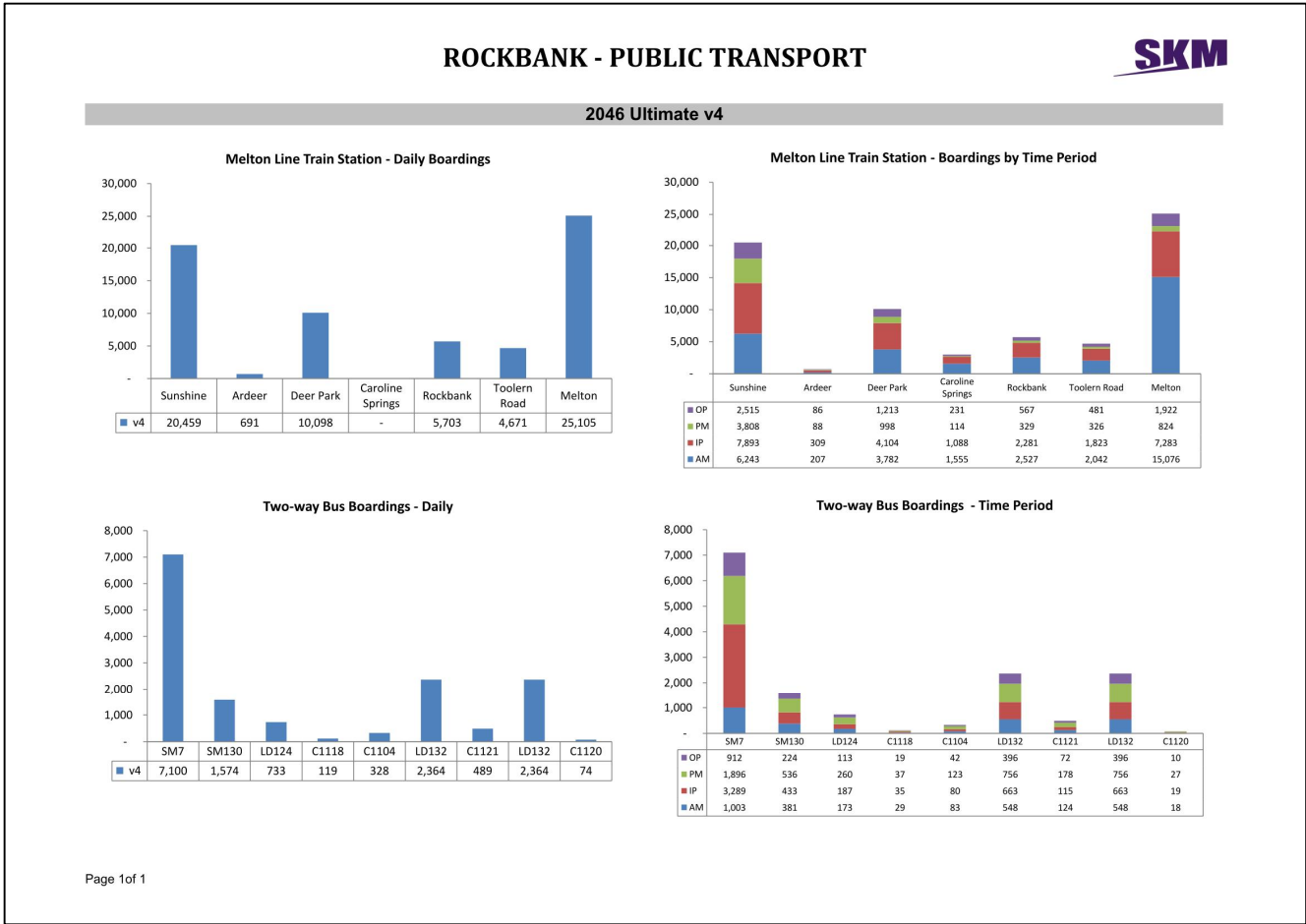
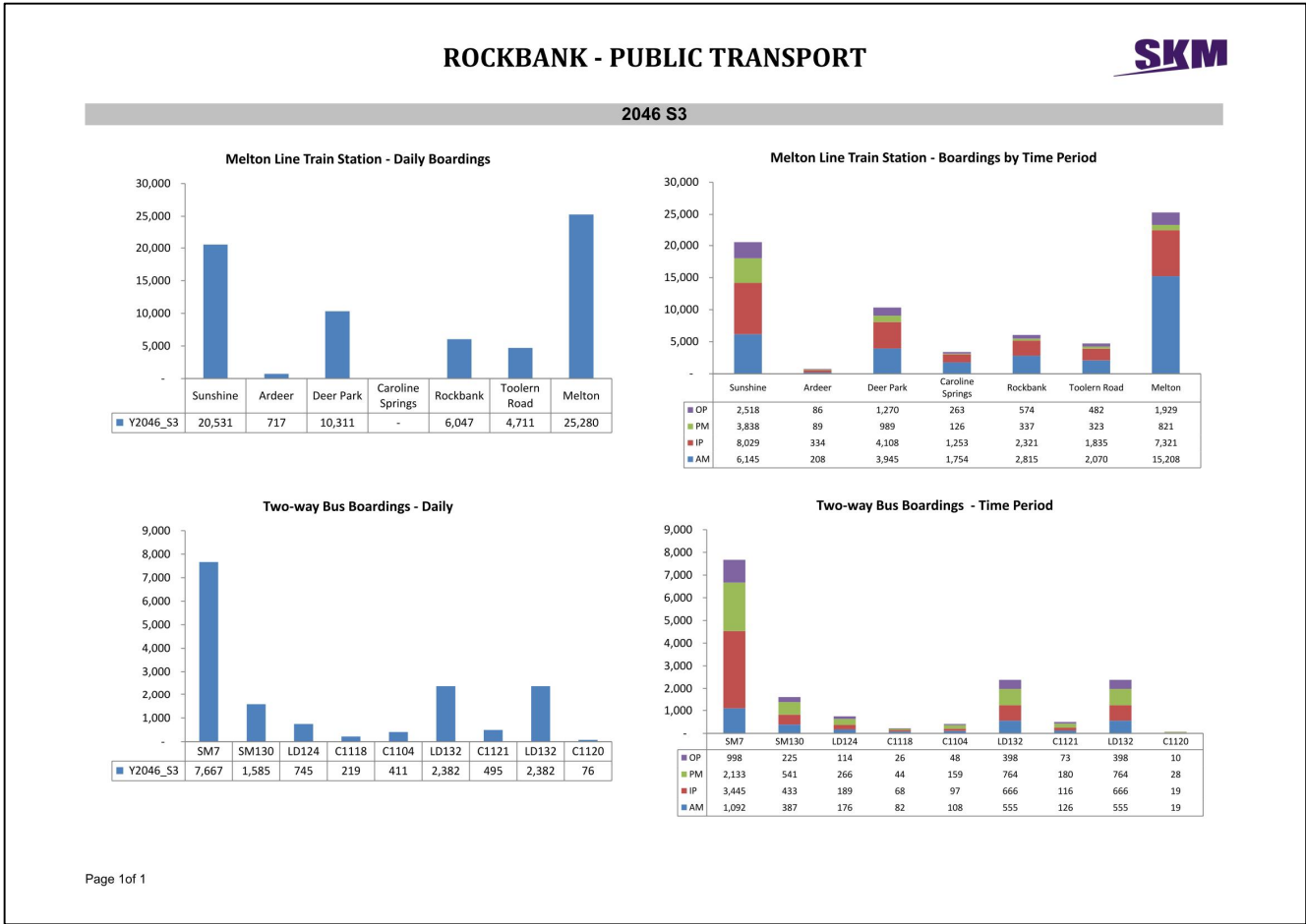


Figure 27



SM7

7,667

SM130

1,585

LD124

745

C1118

219

C1104

411

LD132

2,382

C1121

495

LD132

2,382

C1120

76

SM7

998

SM130

225

LD124

114

C1118

26

C1104

48

LD132

398

C1121

73

LD132

398

C1120

10

OP

225

PM

541

IP

433

AM

387

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