

90 MINUTES TRAFFIC COUNTS																												
Analyst:		John-Paul Mwenda																										
University:		University of Pretoria																										
Research Title:		Development and Evaluation of Design Strategies of Priority Infrastructure for Minibus-Taxis at Signalised Intersections																										
Intersection:		J1 (Solomon Malhangu & Garsfontein)																										
Jurisdiction:		City of Tshwane																										
<div> <div> </div> <div> </div> </div>																												
Time		Light Vehicles Movement												Minibus Taxis Movement												Total vehicles per 15 mins	Total vehicles per hr	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
05:00:00	05:15:00																									0	0	
05:15:00	05:30:00																									0	0	
05:30:00	05:45:00																									0	0	
05:45:00	06:00:00																									0	0	
06:00:00	06:15:00																									0	0	
06:15:00	06:30:00																									0	0	
06:30:00	06:45:00	0	296	63	35	132	23	28	159	35	20	263	0	0	0	0	7	18	2	2	10	0	0	16	0	0	1122	1122
06:45:00	07:00:00	2	228	51	23	156	17	39	170	25	7	189	0	0	1	0	1	13	0	3	6	0	2	12	0	952	2074	
07:00:00	07:15:00	2	242	43	39	184	27	47	162	31	10	179	1	0	2	0	0	11	0	6	0	0	8	0	0	1002	3076	
07:15:00	07:30:00	2	208	46	49	177	28	27	169	33	21	180	2	0	3	0	1	9	1	0	7	0	0	18	0	991	4067	
07:30:00	07:45:00	12	195	42	37	139	17	13	156	38	13	167	3	0	1	0	0	14	3	0	5	0	1	12				

PEAK HOUR TRAFFIC DATA FOR J2

Analyst: John-Paul Mwenda

University: University of Pretoria

Research Title: Development and Evaluation of Design Strategies of Priority Infrastructure for Minibus-Taxis at

Intersection: Signalised Intersections

Jurisdiction: Lynwood & Jan Shoba

City of Tshwane

AM PEAK HOUR

144

832

65

12

11

10

96

568

95

1

2

3

4

5

6

110

720

190

9

8

7

197

1059

193

Lynwood

Jan Shoba

Lynwood

PM PEAK HOUR

83

623

177

12

11

10

118

893

91

1

2

3

4

5

6

80

78

169

9

8

7

40

428

141

Lynwood

Jan Shoba

Lynwood

Time		Light Vehicles Movement												Minibus Taxis Movement												Heavy Vehicles Movement												Total vehicles per 15 mins	Total vehicles per hr
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
05:00:00	05:15:00																																				0	0	
05:15:00	05:30:00																																			0	0		
05:30:00	05:45:00																																			0	0		
05:45:00	06:00:00																																			0	0		
06:00:00	06:15:00																																			0	0		
06:15:00	06:30:00																																			0	0		
06:30:00	06:45:00	17	89	3	10	78	11	10	173	12	5	121	25	0	6	0	0	6	1	1	5	6	0	9	0	1	1	0	0	1	0	1	4	1	2	6	0	605	605
06:45:00	07:00:00	26	114	14	21	132	34	29	248	23	1	195	45	0	6	0	0	5	0	1	3	6	1	10	0	0	1	1	0	0	0	8	2	4	4	0	935	1540	
07:00:00	07:15:00	27	139	28	30	207	57	58	326	35	15	196	34	0	7	0	1	7	1	1	11	7	1	12	0	0	3	1	2	4	0	1	3	3	3	2	0	1222	2762
07:15:00	07:30:00	25	140	26	34	167	48	47	230	55	22	209	31	0	5	0	0	4	1	0	6	13	1	7	0	0	3	1	2	3	2	4	2	1	2	5	0	1096	3858
07:30:00	07:45:00	18	131	24	19	184	47	51	214	39	8	173	33	0	14	0	0	4	0	0	8	12	2	11	1	0	5	0	0	3	0	1	0	1	5	8	0	1016	4269
07:45:00	08:00:00	23	108	25	18	155	37	52	193	31	7	152	25	0	10	0	1	2	1	0	7	9	2	6	2	0	5	1	0	3	0	2	1	2	4	3	0	887	4221
08:00:00	08:15:00																																				0	2999	
08:15:00	08:30:00																																				0	1903	
08:30:00	08:45:00																																				0	887	
08:45:00	09:00:00																																				0	0	
09:00:00	09:15:00																																				0	0	
09:15:00	09:30:00																																				0	0	
09:30:00	09:45:00																																				0	0	
09:45:00	10:00:00																																				0	0	
10:00:00	10:15:00																																				0	0	
10:15:00	10:30:00																																				0	0	
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10:45:00	11:00:00																																				0	0	
11:00:00	11:15:00																																				0	0	
11:15:00	11:30:00																																				0	0	
11:30:00	11:45:00																																				0	0	
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12:00:00	12:15:00																																				0	0	
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13:00:00	13:15:00																																				0	0	
13:15:00	13:30:00																																				0	0	
13:30:00	13:45:00																																				0	0	
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14:00:00	14:15:00																																				0	0	
14:15:00	14:30:00																																				0	0	
14:30:00	14:45:00																																				0	0	
14:45:00	15:00:00																																				0	0	
15:00:00	15:15:00																																				0	0	
15:15:00	15:30:00																																				0	0	
15:30:00	15:45:00																																				0	0	
15:45:00	16:00:00																																				0	0	
16:00:00	16:15:00	16	134	7	1	105	8	7	71	4	9	61	14	1	4	0	0	7	0	1	3	0	6	3	0	0	1	1	1	4	1	0	2	1	1	1	0	475	475
16:15:00	16:30:00	40	191	13	7	185	19	22	67	4	16	110	23	0	3	0	0	7	1	0	6	1	6	5	0	0	5	0	0	2	1	0	1	2	1	0	0	738	1213
16:30:00	16:45:00	30	285	24	18	179	46	37	85	8	32	191	19	0	6	1	1	6	0	1	7	1	7	5	1	0	2	0	0	1	1	0	2	2	2	4	0	1004	2217
16:45:00	17:00:00	25	195	30	19	188	35	41	116	12	41	117	19	0	6	0	0	7	0	1	5	1	9	4	0	0	2	2	1	5	2	2	2	1	3	1	894	3111	
17:00:00	17:15:00	33	190	17	18	163	33	33	98	3	34	134	18	1	8	1	0	7	1	0	6	2	9	3	0	0	0	0	0	4	1	0	2	2	1	2	0	824	3460
17:15:00	17:30:00	29	192	15	21	150	49	25	94	2	31	155	25	0	5	0	0	5	0	1	6	2	8	3	0	0	2	1	2	3	1	0	5	3	2	2	0	839	3561
17:30:00	17:45:00																																				0	2557	
17:45:00	18:00:00																																						