

Parameter	Proposed Improvement Scheme (Dandara)		Land North of Walberton (Linden)		Land West of Tye Lane (Barratt)	
	AM	PM	AM	PM	AM	PM
Number of vehicles in the network, All Vehicle Types	356	386	361	387	363	385
Number of vehicles that have left the network, All Vehicle Types	5692	5327	5704	5312	5714	5330
Total travel time [h], All Vehicle Types	305	355	306	360	308	358
Average speed [mph], All Vehicle Types	30	25	30	24	30	24
Total delay time [h], All Vehicle Types	99	160	100	167	101	165
Latent demand, All Vehicle Types	0	224	0	261	0	257

Difference			
AM		PM	
5	2	1	-3
11	11	-15	18
2	1	6	-2
0	0	0	0
1	1	7	-2
0	0	38	-4

No. 1 (End of slip @ Brit..): from link 2 at 11.9 m to link 22 at 86.3 m, Distance 1037.1 m
No. 2 (A27/A29 Roundabout..): from link 22 at 86.1 m to link 25 at 1.1 m, Distance 669.8 m
No. 3 (A27/A29 Roundabout..): from link 25 at 1.2 m to link 15 at 948.1 m, Distance 1064.9 m
No. 4 (A27 Arundell Rd @..): from link 17 at 7.4 m to link 24 at 3.0 m, Distance 1023.7 m
No. 5 (A27/A29 Roundabout..): from link 24 at 3.1 m to link 39 at 53.4 m, Distance 634.6 m
No. 6 (A27/A29 Roundabout..): from link 39 at 53.6 m to link 4 at 1048.1 m, Distance 1131.5 m
No. 7 (A29 fontwell Av. ..): from link 1 at 3.3 m to link 40 at 6.2 m, Distance 1057.7 m
No. 8 (A29/A27 Roundabout..): from link 40 at 6.3 m to link 25 at 1.1 m, Distance 704.7 m
No. 9 (A27/A29 Roundabout..): from link 25 at 1.3 m to link 16 at 1208.4 m, Distance 1188.3 m
No. 10 (A29 Before Mill La.): from link 14 at 3.9 m to link 27 at 3.9 m, Distance 1155.2 m
No. 11 (A27/A29 Roundabout..): from link 27 at 3.6 m to link 39 at 53.4 m, Distance 677.9 m
No. 12 (A29/A27 Roundabout..): from link 39 at 53.6 m to link 6 at 936.5 m, Distance 1125.9 m

	Time VehC	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh	Trav All	#Veh
	No.:	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
	Name	End of slip @ Brittens Lane-A27/A29 Roundabout (Arundel Rd)																							
Proposed liAM	4500	75.02	1777.18	44.08	1534.94	55.82	1305.98	63.93	2132.40	54.33	1849.80	64.14	2041.56	171.03	392.82	47.84	394.44	80.18	694.68	99.80	694.66	62.04	660.00	89.17	292.74
	PM	4500	89.82	2455.44	41.33	1944.46	56.39	1539.22	53.66	1403.74	48.24	1317.90	60.57	1278.22	101.86	297.98	56.59	271.44	79.18	744.94	441.31	698.06	56.70	675.42	94.50
orth of WalAM		75.398	1779.36	44.23	1539.92	55.97	1315.68	64.17	2145.98	53.94	1856.30	64.26	2046.58	172.34	394.06	48.00	394.72	80.05	687.96	101.89	693.92	61.85	658.64	89.20	293.48
	PM	90.94	2462.48	41.31	1957.68	56.41	1568.34	53.41	1411.70	47.57	1316.54	60.48	1259.84	101.78	300.98	56.51	274.56	78.98	734.14	490.02	664.38	56.48	638.02	94.72	444.30
3arratts DevAM	4500	74.68	1781.86	44.60	1529.12	56.10	1310.40	64.47	2156.18	54.78	1847.60	63.93	2008.02	173.69	394.86	48.62	396.30	79.90	683.50	102.44	694.78	62.86	657.60	89.76	323.24
	PM	4500	87.92	2471.06	41.42	1937.68	56.44	1553.66	53.52	1418.58	47.57	1309.40	60.27	1244.62	101.41	301.32	56.87	274.68	78.86	728.40	484.84	668.08	56.42	643.28	94.70
Difference AM	4500	-0.35	4.68	0.52	-5.82	0.28	4.42	0.55	23.78	0.45	-2.20	-0.21	-33.54	2.67	2.04	0.78	1.86	-0.28	-11.18	2.64	0.12	0.81	-2.40	0.59	30.50
	PM	4500	-1.90	15.62	0.09	-6.78	0.05	14.44	-0.13	14.84	-0.66	-8.50	-0.29	-33.60	-0.45	3.34	0.28	3.24	-0.33	-16.54	43.53	-29.98	-0.28	-32.14	0.20

Route	osed Improvement Scheme		End North of Walberton		Barratts Dev	
	AM	PM	AM	PM	AM	PM
1	75	90	75	91	75	88
2	44	41	44	41	45	41
3	56	56	56	56	56	56
4	64	54	64	53	64	54
5	54	48	54	48	55	48
6	64	61	64	60	64	60
7	171	102	172	102	174	101
8	48	57	48	57	49	57
9	80	79	80	79	80	79
10	100	441	102	490	102	485
11	62	57	62	56	63	56
12	89	94	95	95	90	95

Difference			
AM		PM	
0	-1	1	-3
0	0	0	0
0	0	0	0
0	0	0	0
0	1	-1	0
0	0	0	0
1	1	0	0
0	1	0	0
0	0	0	0
2	1	49	-5
0	1	0	0
6	-5	0	0

Queue Counter 1: Link 27 At 5.432 m
Queue Counter 2: Link 24 At 6.387 m
Queue Counter 3: Link 25 At 6.500 m
Queue Counter 4: Link 39 At 51.165 m
Queue Counter 5: Link 41 At 16.228 m
Queue Counter 6: Link 40 At 5.920 m
Queue Counter 7: Link 22 At 85.565 m
Queue Counter 8: Link 10 At 21.643 m
Queue Counter 9: Link 11 At 36.783 m

Avg.: average queue length [m] within time interval
max: maximum queue length [m] within time interval
Stop: number of stops within queue

		Time	Avg.	max	Stop	Avg.	max	Stop	Avg.	max	Stop	Avg.	max	Stop	Avg.	max	Stop	Avg.	max	Stop	Avg.	max	Stop	Avg.	max	Stop	Avg.	max	Stop
		No.:	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
Proposed Impr	AM		79.54	359.48	861.46	36.66	459.02	657.42	10.92	257.9	312.64	135.34	729.62	1489.34	18.36	126.92	233.38	457.96	1121.62	1769.76	46.98	249.64	961.04	6.96	123.74	98.16	25.46	160.08	292.92
	PM		3053.62	3937.96	5769.44	10.34	180.26	319.08	1.8	143.3	85.82	69.8	490.64	1036.8	10.04	92.42	178.96	33.3	181.98	452.86	43.82	293.96	842.22	23.94	193.34	296.44	71.52	273.3	625.92
North of Walbe	AM		85.7	379.62	890.64	39.36	464.82	674.8	11.04	253.6	319.56	136.06	708.76	1497.54	18.5	128.14	234.02	439.26	1071.6	1729.96	47.06	251.56	965.88	6.56	114.06	96.5	25.76	163.5	292.4
	PM		3282.58	4122.4	5667.8	9.2	172.56	294.52	2.1	138.54	91.52	64.66	485.7	991.06	10.14	92.34	179.82	33.54	178.1	454.74	38.04	272.38	819.4	24.4	192.84	300.02	67.48	270.18	609.6
Barratts Dev	AM		87.88	404.94	889.68	39.06	462.74	672.7	13.28	279.12	352.44	153.06	767.48	1538	18.98	126.54	234.28	450.48	1096.64	1766.3	47.14	252.32	964.54	6.92	121.42	100.06	26.58	165.52	307.22
	PM		3278.22	4103.34	5783.44	9.44	172.16	304.32	2.6	151.28	104.98	65.52	481.7	993.26	9.86	93	176.5	32.08	177.24	447.06	42.78	291.54	841.36	24.72	194.46	300.34	70.6	272.16	647.52
Difference	AM		8.34	45.46	28.22	2.4	3.72	15.28	2.36	21.22	39.8	17.72	37.86	48.66	0.62	-0.38	0.9	-7.48	-24.98	-3.46	0.16	2.68	3.5	-0.04	-2.32	1.9	1.12	5.44	14.3
	PM		224.6	165.38	14	-0.9	-8.1	-14.76	0.8	7.98	19.16	-4.28	-8.94	-43.54	-0.18	0.58	-2.46	-1.22	-4.74	-5.8	-1.04	-2.42	-0.86	0.78	1.12	3.9	-0.92	-1.14	21.6

Queue Counter	Proposed Improvement Scheme				Land North of Walberton				Barratts Dev			
	AM		PM		AM		PM		AM		PM	
	Avg	max	Avg	max	Avg	max	Avg	max	Avg	max	Avg	max
1	80	359	3054	3938	88	405	3283	4122	88	405	3278	4103
2	37	459	10	180	39	463	9	173	39	463	9	172
3	11	258	2	143	13	279	2	139	13	279	3	151
4	135	730	70	491	153	767	65	486	153	767	66	482
5	18	127	10	92	19	127	10	92	19	127	10	93
6	458	1122	33	182	450	1097	34	178	450	1097	32	177
7	47	250	44	294	47	252	38	272	47	252	43	292
8	7	124	24	193	7	114	24	193	7	121	25	194
9	25	160	72	273	26	164	67	270	27	166	71	272

Difference							
AM				PM			
Avg	max	Avg	max	Avg	max	Avg	max
8	45	229	184	0	0	-4	-19
2	4	-1	-8	0	0	0	0
2	21	0	-5	0	0	1	13
18	38	-5	-5	0	0	1	-4
1	0	0	0	0	0	0	1
-7	-25	0	-4	0	0	-1	-1
0	2	-6	-22	0	1	5	19
0	-10	0	0	0	7	0	2
0	3	-4	-3	1	2	3	2