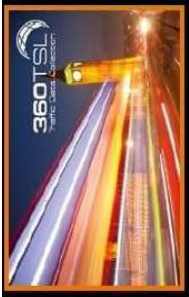


Appendix J

Havant, Tuesday 5th July 2022

Junction: 1
Approach: B2149 New Road



Queues are stationary vehicles on the 5 minute period

Left to West Street					Ahead to B2149 Redhampton Road				
TIME	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL
07:00 - 07:15	1	0	0	1	1.0	84	0	2	86
07:15 - 07:30	3	0	0	3	3.0	98	2	1	101
07:30 - 07:45	4	0	0	4	4.0	99	2	2	103
07:45 - 08:00	4	0	0	4	4.0	129	0	1	130
Hourly Total	12	0	0	12	12.0	410	4	6	420
08:00 - 08:15	6	0	0	6	6.0	121	1	3	125
08:15 - 08:30	4	0	0	4	4.0	142	3	2	147
08:30 - 08:45	6	0	0	6	6.0	129	1	1	131
08:45 - 09:00	9	1	0	10	11.3	149	2	2	153
Hourly Total	25	1	0	26	27.3	541	7	8	556
09:00 - 09:15	8	0	0	8	8.0	119	1	1	121
09:15 - 09:30	7	0	0	7	7.0	105	2	2	109
09:30 - 09:45	4	0	0	4	4.0	94	0	1	95
09:45 - 10:00	5	0	0	5	5.0	94	2	1	97
Hourly Total	24	0	0	24	24.0	412	5	5	422
TOTAL	61	1	0	62	63.3	1363	16	19	1398

16:00 - 16:15	7	0	0	7	7.0	157	0	2	159
16:15 - 16:30	5	0	0	5	5.0	141	1	1	143
16:30 - 16:45	5	0	0	5	5.0	173	2	2	177
16:45 - 17:00	5	0	0	5	5.0	167	2	1	170
Hourly Total	22	0	0	22	22.0	638	5	6	649
17:00 - 17:15	1	0	0	1	1.0	192	1	1	194
17:15 - 17:30	3	0	0	3	3.0	147	1	1	149
17:30 - 17:45	3	0	0	3	3.0	154	1	1	156
17:45 - 18:00	6	0	0	6	6.0	108	1	1	110
Hourly Total	13	0	0	13	13.0	601	4	4	609
18:00 - 18:15	5	0	0	5	5.0	136	0	1	137
18:15 - 18:30	4	0	0	4	4.0	104	1	1	106
18:30 - 18:45	3	0	0	3	3.0	100	0	1	101
18:45 - 19:00	3	0	0	3	3.0	90	0	0	90
Hourly Total	15	0	0	15	15.0	430	1	3	434
TOTAL	50	0	0	50	50.0	1669	10	13	1692

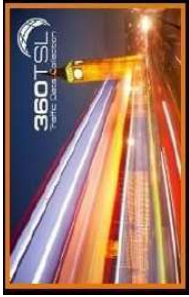
PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TIME	Queue Lengths (Vehicles)
700	0
705	0
710	0
715	0
720	0
725	0
730	0
735	0
740	0
745	3
750	0
755	0
800	0
805	2
810	0
815	0
820	0
825	0
830	0
835	0
840	2
845	2
850	0
855	0
900	5
905	2
910	0
915	0
920	0
925	2
930	0
935	0
940	0
945	0
950	0
955	0
1000	0

TIME	Queue Lengths (Vehicles)
1600	2
1605	0
1610	4
1615	2
1620	0
1625	2
1630	0
1635	0
1640	0
1645	2
1650	0
1655	0
1700	0
1705	0
1710	0
1715	2
1720	0
1725	0
1730	0
1735	2
1740	0
1745	2
1750	0
1755	3
1800	0
1805	2
1810	0
1815	0
1820	0
1825	2
1830	0
1835	0
1840	0
1845	0
1850	2
1855	0
1900	0

Havant, Tuesday 5th July 2022

Junction: 1
Approach: West Street



Queues are stationary vehicles on the 5 minute period

TIME	Left to B2149 Redhampton Road				Right to B2149 New Road					
	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS
07:00 - 07:15	6	0	0	6	6.0	2	0	0	2	2.0
07:15 - 07:30	6	1	0	7	8.3	1	0	0	1	1.0
07:30 - 07:45	11	0	0	11	11.0	6	0	0	6	6.0
07:45 - 08:00	12	0	0	12	12.0	0	0	0	0	0.0
Hourly Total	35	1	0	36	37.3	9	0	0	9	9.0
08:00 - 08:15	24	0	0	24	24.0	4	0	0	4	4.0
08:15 - 08:30	17	0	0	17	17.0	4	0	0	4	4.0
08:30 - 08:45	20	0	0	20	20.0	5	0	0	5	5.0
08:45 - 09:00	10	0	0	10	10.0	3	0	0	3	3.0
Hourly Total	71	0	0	71	71.0	16	0	0	16	16.0
09:00 - 09:15	23	1	0	24	25.3	4	2	0	6	8.6
09:15 - 09:30	16	0	0	16	16.0	4	0	0	4	4.0
09:30 - 09:45	17	0	0	17	17.0	3	0	0	3	3.0
09:45 - 10:00	24	1	0	25	26.3	9	0	0	9	9.0
Hourly Total	80	2	0	82	84.6	20	2	0	22	24.6
TOTAL	186	3	0	189	192.9	45	2	0	47	49.6

16:00 - 16:15	31	0	0	31	31.0	4	0	0	4	4.0
16:15 - 16:30	27	0	0	27	27.0	6	0	0	6	6.0
16:30 - 16:45	47	0	0	47	47.0	7	0	0	7	7.0
16:45 - 17:00	44	0	0	44	44.0	8	0	0	8	8.0
Hourly Total	149	0	0	149	149.0	25	0	0	25	25.0
17:00 - 17:15	47	0	0	47	47.0	3	0	0	3	3.0
17:15 - 17:30	33	0	0	33	33.0	5	0	0	5	5.0
17:30 - 17:45	36	0	0	36	36.0	5	0	0	5	5.0
17:45 - 18:00	27	0	0	27	27.0	7	0	0	7	7.0
Hourly Total	143	0	0	143	143.0	20	0	0	20	20.0
18:00 - 18:15	24	0	0	24	24.0	3	0	0	3	3.0
18:15 - 18:30	18	0	0	18	18.0	0	0	0	0	0.0
18:30 - 18:45	31	0	0	31	31.0	4	0	0	4	4.0
18:45 - 19:00	27	0	0	27	27.0	6	0	0	6	6.0
Hourly Total	100	0	0	100	100.0	13	0	0	13	13.0
TOTAL	392	0	0	392	392.0	58	0	0	58	58.0

PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

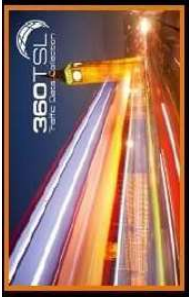
TIME	Queue Lengths (Vehicles)		
700	3		
705	0		
710	2		
715	2		
720	0		
725	0		
730	5		
735	2		
740	4		
745	4		
750	0		
755	2		
800	0		
805	0		
810	0		
815	3		
820	2		
825	3		
830	3		
835	0		
840	3		
845	4		
850	2		
855	3		
900	3		
905	2		
910	0		
915	2		
920	3		
925	0		
930	2		
935	2		
940	3		
945	2		
950	0		
955	2		
1000	3		

TIME	Queue Lengths (Vehicles)		
1600			4
1605			2
1610			2
1615			4
1620			5
1625			3
1630			6
1635			3
1640			5
1645			4
1650			4
1655			5
1700			3
1705			2
1710			3
1715			3
1720			3
1725			4
1730			2
1735			4
1740			3
1745			2
1750			4
1755			3
1800			2
1805			0
1810			2
1815			2
1820			0
1825			2
1830			2
1835			2
1840			2
1845			3
1850			2
1855			0
1900			0

Havant, Tuesday 5th July 2022

Junction: 1

Approach: B2149 Bedhampton Road



Queues are stationary vehicles on the 5 minute period

TIME	Ahead to B2149 New Road				Right to West Street				PCUs
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	
07:00 - 07:15	70	4	1	75	81.2	9	0	0	9.0
07:15 - 07:30	99	0	0	99	99.0	8	0	0	8.0
07:30 - 07:45	122	2	2	126	130.6	17	0	0	17.0
07:45 - 08:00	167	0	1	168	169.0	12	0	0	12.0
Hourly Total	458	6	4	468	479.8	46	0	0	46.0
08:00 - 08:15	142	0	1	143	144.0	26	0	0	26.0
08:15 - 08:30	153	1	2	156	159.3	23	0	0	23.0
08:30 - 08:45	162	1	2	165	168.3	25	0	0	25.0
08:45 - 09:00	152	0	1	153	154.0	24	0	0	24.0
Hourly Total	609	2	6	617	625.6	98	0	0	98.0
09:00 - 09:15	131	2	3	136	141.6	17	1	0	18.0
09:15 - 09:30	123	0	1	124	125.0	24	0	0	24.0
09:30 - 09:45	92	1	2	95	98.3	29	0	0	29.0
09:45 - 10:00	104	2	1	107	110.6	28	0	0	28.0
Hourly Total	450	5	7	462	475.5	98	1	0	99.0
TOTAL	1517	13	17	1547	1580.9	242	1	0	243.0

16:00 - 16:15	123	0	2	125	127.0	24	0	0	24.0
16:15 - 16:30	163	2	1	166	169.6	16	0	0	16.0
16:30 - 16:45	132	2	2	136	140.6	26	0	0	26.0
16:45 - 17:00	138	0	1	139	140.0	24	0	0	24.0
Hourly Total	556	4	6	566	577.2	90	0	0	90.0
17:00 - 17:15	120	1	2	123	126.3	27	0	0	27.0
17:15 - 17:30	149	1	0	150	151.3	24	0	0	24.0
17:30 - 17:45	134	1	3	138	142.3	19	0	0	19.0
17:45 - 18:00	113	1	2	116	119.3	18	0	0	18.0
Hourly Total	516	4	7	527	539.2	88	0	0	88.0
18:00 - 18:15	133	1	2	136	139.3	21	0	0	21.0
18:15 - 18:30	120	0	2	122	124.0	20	0	0	20.0
18:30 - 18:45	88	2	1	91	94.6	21	0	0	21.0
18:45 - 19:00	93	0	2	95	97.0	12	0	0	12.0
Hourly Total	434	3	7	444	454.9	74	0	0	74.0
TOTAL	1506	11	20	1537	1571.3	252	0	0	252.0

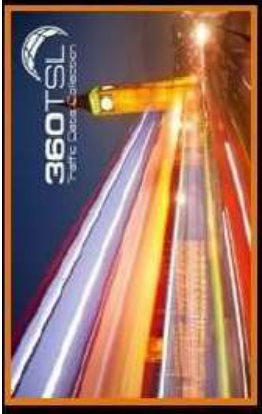
PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TIME	Queue Lengths (Vehicles)	
	Right Turn	
700	0	
705	0	
710	0	
715	0	
720	2	
725	0	
730	0	
735	2	
740	0	
745	7	
750	2	
755	0	
800	4	
805	0	
810	2	
815	0	
820	0	
825	3	
830	8	
835	3	
840	5	
845	6	
850	2	
855	0	
900	9	
905	5	
910	3	
915	5	
920	2	
925	7	
930	8	
935	4	
940	6	
945	6	
950	2	
955	4	
1000	2	

TIME	Queue Lengths (Vehicles)	
	Right Turn	
1600	6	
1605	2	
1610	4	
1615	5	
1620	5	
1625	5	
1630	3	
1635	6	
1640	5	
1645	4	
1650	5	
1655	5	
1700	3	
1705	6	
1710	6	
1715	4	
1720	2	
1725	5	
1730	9	
1735	6	
1740	8	
1745	5	
1750	5	
1800	4	
1805	3	
1810	5	
1815	4	
1820	6	
1825	3	
1830	6	
1835	3	
1840	4	
1845	2	
1850	0	
1855	2	
1900	2	

Havant, Tuesday 5th July 2022

Junction: 2
Approach: West Street East

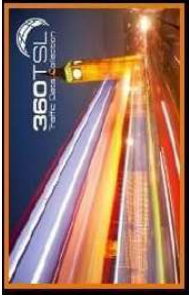


TIME		Left to Palk Road					Ahead to West Street (West)				
		LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
07:00 - 07:15		0	0	0	0	0.0	9	0	0	9	9.0
07:15 - 07:30		0	0	0	0	0.0	11	1	0	12	13.3
07:30 - 07:45		1	0	0	1	1.0	13	0	0	13	13.0
07:45 - 08:00		1	0	0	1	1.0	11	0	0	11	11.0
Hourly Total		2	0	0	2	2.0	44	1	0	45	46.3
08:00 - 08:15		0	0	0	0	0.0	26	0	0	26	26.0
08:15 - 08:30		4	0	0	4	4.0	20	0	0	20	20.0
08:30 - 08:45		1	0	0	1	1.0	19	0	0	19	19.0
08:45 - 09:00		2	0	0	2	2.0	17	1	0	18	19.3
Hourly Total		7	0	0	7	7.0	82	1	0	83	84.3
09:00 - 09:15		1	1	0	2	3.3	21	2	0	23	25.6
09:15 - 09:30		0	0	0	0	0.0	17	0	0	17	17.0
09:30 - 09:45		1	0	0	1	1.0	19	0	0	19	19.0
09:45 - 10:00		2	0	0	2	2.0	28	1	0	29	30.3
Hourly Total		4	1	0	5	6.3	85	3	0	88	91.9
TOTAL		13	1	0	14	15.3	211	5	0	216	222.5
16:00 - 16:15		2	0	0	2	2.0	30	0	0	30	30.0
16:15 - 16:30		0	0	0	0	0.0	32	0	0	32	32.0
16:30 - 16:45		0	0	0	0	0.0	51	0	0	51	51.0
16:45 - 17:00		1	0	0	1	1.0	57	0	0	57	57.0
Hourly Total		3	0	0	3	3.0	170	0	0	170	170.0
17:00 - 17:15		1	0	0	1	1.0	48	0	0	48	48.0
17:15 - 17:30		0	0	0	0	0.0	31	0	0	31	31.0
17:30 - 17:45		2	0	0	2	2.0	47	0	0	47	47.0
17:45 - 18:00		1	0	0	1	1.0	39	0	0	39	39.0
Hourly Total		4	0	0	4	4.0	165	0	0	165	165.0
18:00 - 18:15		0	0	0	0	0.0	23	0	0	23	23.0
18:15 - 18:30		1	0	0	1	1.0	21	0	0	21	21.0
18:30 - 18:45		0	0	0	0	0.0	30	0	0	30	30.0
18:45 - 19:00		1	0	0	1	1.0	32	0	0	32	32.0
Hourly Total		2	0	0	2	2.0	106	0	0	106	106.0
TOTAL		9	0	0	9	9.0	441	0	0	441	441.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

Havant, Tuesday 5th July 2022

Junction: 2
Approach: Paik Road



Queues are stationary vehicles on the 5 minute period

TIME	Left to West Street (West)				Right to West Street (East)				PCUs
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	
07:00 - 07:15	0	0	0	0	0.0	0	0	0	0.0
07:15 - 07:30	0	0	0	0	0.0	1	0	0	1.0
07:30 - 07:45	0	0	0	0	0.0	0	1	0	2.3
07:45 - 08:00	3	0	0	3	3.0	0	0	0	0.0
Hourly Total	3	0	0	3	3.0	1	1	0	3.3
08:00 - 08:15	0	0	0	0	0.0	0	0	0	0.0
08:15 - 08:30	1	0	0	1	1.0	0	0	0	0.0
08:30 - 08:45	3	0	0	3	3.0	1	0	0	1.0
08:45 - 09:00	0	0	0	0	0.0	1	0	0	1.0
Hourly Total	4	0	0	4	4.0	2	0	0	2.0
09:00 - 09:15	3	0	0	3	3.0	2	1	0	3.3
09:15 - 09:30	1	0	0	1	1.0	0	0	0	0.0
09:30 - 09:45	2	0	0	2	2.0	3	0	0	3.0
09:45 - 10:00	4	0	0	4	4.0	1	0	0	1.0
Hourly Total	10	0	0	10	10.0	6	1	0	7.3
TOTAL	17	0	0	17	17.0	9	2	0	11.6

16:00 - 16:15	2	0	0	2	2.0	1	0	0	1.0
16:15 - 16:30	1	0	0	1	1.0	0	0	0	0.0
16:30 - 16:45	1	0	0	1	1.0	1	0	0	1.0
16:45 - 17:00	0	0	0	0	0.0	0	0	0	0.0
Hourly Total	4	0	0	4	4.0	2	0	0	2.0
17:00 - 17:15	1	0	0	1	1.0	0	0	0	0.0
17:15 - 17:30	1	0	0	1	1.0	0	0	0	0.0
17:30 - 17:45	1	0	0	1	1.0	0	0	0	0.0
17:45 - 18:00	0	0	0	0	0.0	0	0	0	0.0
Hourly Total	3	0	0	3	3.0	0	0	0	0.0
18:00 - 18:15	1	0	0	1	1.0	0	0	0	0.0
18:15 - 18:30	1	0	0	1	1.0	0	0	0	0.0
18:30 - 18:45	0	0	0	0	0.0	0	0	0	0.0
18:45 - 19:00	0	0	0	0	0.0	0	0	0	0.0
Hourly Total	2	0	0	2	2.0	0	0	0	0.0
TOTAL	9	0	0	9	9.0	2	0	0	2.0

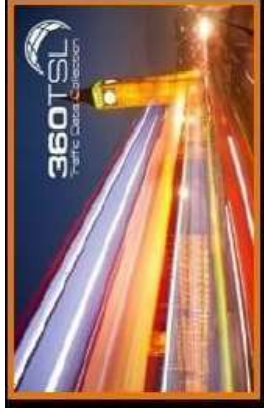
PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

TIME	Queue Lengths (Vehicles)		
700	0		
705	0		
710	0		
715	0		
720	0		
725	0		
730	0		
735	0		
740	0		
745	0		
750	0		
755	0		
800	0		
805	0		
810	0		
815	0		
820	0		
825	0		
830	0		
835	0		
840	0		
845	0		
850	0		
855	0		
900	0		
905	0		
910	0		
915	0		
920	0		
925	0		
930	0		
935	0		
940	0		
945	0		
950	0		
955	0		
1000	0		

TIME	Queue Lengths (Vehicles)		
1600	0		
1605	0		
1610	0		
1615	0		
1620	0		
1625	0		
1630	0		
1635	0		
1640	0		
1645	0		
1650	0		
1655	0		
1700	0		
1705	0		
1710	0		
1715	0		
1720	0		
1725	0		
1730	0		
1735	0		
1740	0		
1745	0		
1750	0		
1755	0		
1800	0		
1805	0		
1810	0		
1815	0		
1820	0		
1825	0		
1830	0		
1835	0		
1840	0		
1845	0		
1850	0		
1855	0		
1900	0		

Havant, Tuesday 5th July 2022

Junction: 2
Approach: West Street West



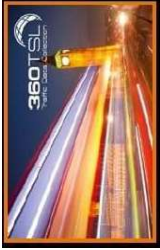
Ahead to West Street (East)						Right to Palk Road					
TIME	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	
07:00 - 07:15	8	0	0	8	8.0	0	0	0	0	0.0	
07:15 - 07:30	13	0	0	13	13.0	1	0	0	1	1.0	
07:30 - 07:45	17	0	0	17	17.0	0	0	0	0	0.0	
07:45 - 08:00	15	0	0	15	15.0	0	0	0	0	0.0	
Hourly Total	53	0	0	53	53.0	1	0	0	1	1.0	
08:00 - 08:15	35	0	0	35	35.0	0	0	0	0	0.0	
08:15 - 08:30	22	0	0	22	22.0	1	0	0	1	1.0	
08:30 - 08:45	25	0	0	25	25.0	2	0	0	2	2.0	
08:45 - 09:00	36	1	0	37	38.3	2	0	0	2	2.0	
Hourly Total	118	1	0	119	120.3	5	0	0	5	5.0	
09:00 - 09:15	20	0	0	20	20.0	4	0	0	4	4.0	
09:15 - 09:30	25	1	0	26	27.3	1	0	0	1	1.0	
09:30 - 09:45	37	0	0	37	37.0	1	0	0	1	1.0	
09:45 - 10:00	41	0	0	41	41.0	0	0	0	0	0.0	
Hourly Total	123	1	0	124	125.3	6	0	0	6	6.0	
TOTAL	294	2	0	296	298.6	12	0	0	12	12.0	

16:00 - 16:15	25	0	0	25	25.0	1	0	0	1	1.0
16:15 - 16:30	27	0	0	27	27.0	0	0	0	0	0.0
16:30 - 16:45	24	0	0	24	24.0	1	0	0	1	1.0
16:45 - 17:00	27	0	0	27	27.0	0	0	0	0	0.0
Hourly Total	103	0	0	103	103.0	2	0	0	2	2.0
17:00 - 17:15	26	0	0	26	26.0	0	0	0	0	0.0
17:15 - 17:30	22	0	0	22	22.0	1	0	0	1	1.0
17:30 - 17:45	23	0	0	23	23.0	1	0	0	1	1.0
17:45 - 18:00	29	0	0	29	29.0	1	0	0	1	1.0
Hourly Total	100	0	0	100	100.0	3	0	0	3	3.0
18:00 - 18:15	20	0	0	20	20.0	1	0	0	1	1.0
18:15 - 18:30	29	0	0	29	29.0	0	0	0	0	0.0
18:30 - 18:45	21	0	0	21	21.0	0	0	0	0	0.0
18:45 - 19:00	18	0	0	18	18.0	1	0	0	1	1.0
Hourly Total	88	0	0	88	88.0	2	0	0	2	2.0
TOTAL	291	0	0	291	291.0	7	0	0	7	7.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

Havant, Tuesday 5th July 2022

Junction: 3
Approach: Brockhampton Road North



Queues are stationary vehicles on the 5 minute period

TIME	Left to Solent Road				Ahead to Brockhampton Road (South)				Right to Marples Way						
	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS
07:00- 07:15	5	0	0	5	5.0	9	0	0	9	9.0	1	0	0	1	1.0
07:15- 07:30	8	0	0	8	8.0	11	0	0	11	11.0	1	0	0	1	1.0
07:30- 07:45	7	0	0	7	7.0	20	0	0	20	20.0	0	0	0	0	0.0
07:45- 08:00	8	0	0	8	8.0	28	0	0	28	28.0	0	0	0	0	0.0
Hourly Total	28	0	0	28	28.0	68	0	0	68	68.0	2	0	0	2	2.0
08:00- 08:15	15	0	0	15	15.0	25	0	0	25	25.0	1	0	0	1	1.0
08:15- 08:30	20	0	0	20	20.0	22	1	0	23	24.3	1	0	0	1	1.0
08:30- 08:45	17	0	0	17	17.0	13	0	0	13	13.0	2	0	0	2	2.0
08:45- 09:00	22	0	0	22	22.0	15	0	0	15	15.0	1	0	0	1	1.0
Hourly Total	74	0	0	74	74.0	75	1	0	76	77.3	5	0	0	5	5.0
09:00- 09:15	21	0	0	21	21.0	19	0	0	19	19.0	0	0	0	0	0.0
09:15- 09:30	17	0	0	17	17.0	10	0	0	10	10.0	1	0	0	1	1.0
09:30- 09:45	14	0	0	14	14.0	11	0	0	11	11.0	2	0	0	2	2.0
09:45- 10:00	15	0	0	15	15.0	9	0	0	9	9.0	0	0	0	0	0.0
Hourly Total	67	0	0	67	67.0	49	0	0	49	49.0	3	0	0	3	3.0
TOTAL	169	0	0	169	169.0	192	1	0	193	194.3	10	0	0	10	10.0

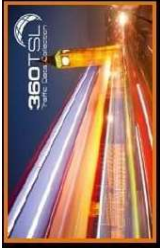
16:00- 16:15	8	0	0	8	8.0	19	0	0	19	19.0	1	0	0	1	1.0
16:15- 16:30	10	0	0	10	10.0	21	0	0	21	21.0	0	0	0	0	0.0
16:30- 16:45	15	0	0	15	15.0	25	0	0	25	25.0	0	0	0	0	0.0
16:45- 17:00	14	0	0	14	14.0	20	0	0	20	20.0	0	0	0	0	0.0
Hourly Total	47	0	0	47	47.0	85	0	0	85	85.0	1	0	0	1	1.0
17:00- 17:15	17	0	0	17	17.0	17	0	0	17	17.0	1	0	0	1	1.0
17:15- 17:30	19	0	0	19	19.0	19	0	0	19	19.0	2	0	0	2	2.0
17:30- 17:45	15	0	0	15	15.0	20	0	0	20	20.0	0	0	0	0	0.0
17:45- 18:00	18	0	0	18	18.0	16	0	0	16	16.0	1	0	0	1	1.0
Hourly Total	69	0	0	69	69.0	72	0	0	72	72.0	4	0	0	4	4.0
18:00- 18:15	16	0	0	16	16.0	13	0	0	13	13.0	0	0	0	0	0.0
18:15- 18:30	15	0	0	15	15.0	11	0	0	11	11.0	0	0	0	0	0.0
18:30- 18:45	15	0	0	15	15.0	9	0	0	9	9.0	0	0	0	0	0.0
18:45- 19:00	12	0	0	12	12.0	6	0	0	6	6.0	0	0	0	0	0.0
Hourly Total	58	0	0	58	58.0	39	0	0	39	39.0	0	0	0	0	0.0
TOTAL	174	0	0	174	174.0	196	0	0	196	196.0	5	0	0	5	5.0

PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

TIME	Queue Lengths (Vehicles)	TIME	Queue Lengths (Vehicles)
1600	0	1700	0
1605	0	1705	2
1610	2	1710	2
1615	0	1715	0
1620	0	1720	2
1625	0	1725	0
1630	3	1730	3
1635	0	1735	0
1640	0	1740	2
1645	0	1745	0
1650	0	1750	0
1655	0	1755	0
1700	0	1800	2
1705	2	1805	0
1710	2	1810	0
1715	0	1815	0
1720	2	1820	0
1725	0	1825	0
1730	0	1830	0
1735	0	1835	0
1740	0	1840	0
1745	0	1845	0
1750	0	1850	0
1755	0	1855	0
1800	2	1900	0
1805	0		
1810	3		
1815	0		
1820	0		
1825	0		
1830	0		
1835	0		
1840	0		
1845	0		
1850	0		
1855	0		
1900	0		

Havant, Tuesday 5th July 2022

Junction: 3
Approach: Solent Road



Queues are stationary vehicles on the 5 minute period

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TIME	Left to Brockhampton Road (South)				Ahead to Marple Way				Right to Brockhampton Road (North)						
	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS
07:00- 07:15	47	1	0	48	49.3	5	0	0	5	5.0	8	0	0	8	8.0
07:15- 07:30	50	1	0	51	52.3	6	0	0	6	6.0	10	0	0	10	10.0
07:30- 07:45	53	1	0	54	55.3	8	0	0	8	8.0	14	0	0	14	14.0
07:45- 08:00	57	2	0	59	61.6	9	0	0	9	9.0	11	0	0	11	11.0
Hourly Total	207	5	0	212	218.5	28	0	0	28	28.0	43	0	0	43	43.0
08:00- 08:15	42	0	0	42	42.0	11	0	0	11	11.0	12	0	0	12	12.0
08:15- 08:30	47	0	0	47	47.0	15	0	0	15	15.0	6	0	0	6	6.0
08:30- 08:45	54	1	0	55	56.3	16	0	0	16	16.0	9	0	0	9	9.0
08:45- 09:00	50	2	0	52	54.6	12	0	0	12	12.0	10	0	0	10	10.0
Hourly Total	193	3	0	196	199.9	54	0	0	54	54.0	37	0	0	37	37.0
09:00- 09:15	57	0	0	57	57.0	10	0	0	10	10.0	18	0	0	18	18.0
09:15- 09:30	61	1	0	62	63.3	14	0	0	14	14.0	15	0	0	15	15.0
09:30- 09:45	60	2	0	62	64.6	11	0	0	11	11.0	13	0	0	13	13.0
09:45- 10:00	54	1	0	55	56.3	9	0	0	9	9.0	12	0	0	12	12.0
Hourly Total	232	4	0	236	241.2	44	0	0	44	44.0	58	0	0	58	58.0

TOTAL	632	12	0	644	659.6	126	0	0	126	126.0	138	0	0	138	138.0
16:00- 16:15	60	0	0	60	60.0	1	0	0	1	1.0	17	0	0	17	17.0
16:15- 16:30	68	1	0	69	70.3	1	0	0	1	1.0	16	0	0	16	16.0
16:30- 16:45	66	0	0	66	66.0	0	0	0	0	0.0	20	0	0	20	20.0
16:45- 17:00	59	0	0	59	59.0	2	0	0	2	2.0	19	0	0	19	19.0
Hourly Total	253	1	0	254	255.3	4	0	0	4	4.0	72	0	0	72	72.0
17:00- 17:15	65	0	0	65	65.0	1	0	0	1	1.0	22	0	0	22	22.0
17:15- 17:30	72	1	0	73	74.3	3	0	0	3	3.0	26	0	0	26	26.0
17:30- 17:45	68	1	0	69	70.3	1	0	0	1	1.0	18	0	0	18	18.0
17:45- 18:00	67	0	0	67	67.0	0	0	0	0	0.0	19	0	0	19	19.0
Hourly Total	272	2	0	274	276.6	5	0	0	5	5.0	85	0	0	85	85.0
18:00- 18:15	63	0	0	63	63.0	0	0	0	0	0.0	14	0	0	14	14.0
18:15- 18:30	63	2	0	65	67.6	1	0	0	1	1.0	16	0	0	16	16.0
18:30- 18:45	60	0	0	60	60.0	0	0	0	0	0.0	13	0	0	13	13.0
18:45- 19:00	57	0	0	57	57.0	0	0	0	0	0.0	11	0	0	11	11.0
Hourly Total	243	2	0	245	247.6	1	0	0	1	1.0	54	0	0	54	54.0

TOTAL	768	5	0	773	779.5	10	0	0	10	10.0	211	0	0	211	211.0
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TIME	Queue Lengths (Vehicles)	TIME	Queue Lengths (Vehicles)
1600	0	1700	0
1605	4	1705	2
1610	0	1710	2
1615	0	1715	2
1620	2	1720	3
1625	0	1725	0
1630	2	1730	2
1635	0	1735	2
1640	3	1740	0
1645	0	1745	2
1650	2	1750	2
1655	0	1755	3
1660	0	1800	0
1665	3	1805	0
1670	0	1810	0
1675	0	1815	2
1680	0	1820	0
1685	0	1825	0
1690	0	1830	0
1695	0	1835	0
1700	0	1840	0
1705	2	1845	0
1710	0	1850	0
1715	0	1855	0
1720	0	1900	0
1725	0		
1730	2		
1735	0		
1740	0		
1745	0		
1750	0		
1755	3		
1800	0		
1805	0		
1810	0		
1815	2		
1820	0		
1825	0		
1830	0		
1835	0		
1840	0		
1845	0		
1850	0		
1855	0		
1900	0		

Havant, Tuesday 5th July 2022

Junction: 3
Approach: Brockhampton Road South



Queues are stationary vehicles on the 5 minute period

TIME	Left to Marples Way			Ahead to Brockhampton Road (North)			Right to Solent Road			
	LIGHT	HEAVY	BUS	LIGHT	HEAVY	BUS	LIGHT	HEAVY	BUS	
07:00-07:15	3	1	0	5.3	11	0	11	11.0	32	0
07:15-07:30	5	0	0	5	5.0	17	0	17	17.0	34
07:30-07:45	4	0	0	4	4.0	24	1	0	25	26.3
07:45-08:00	9	1	0	10	11.3	19	0	19	19.0	28
Hourly Total	21	2	0	23	25.6	71	1	0	72	73.3
08:00-08:15	10	0	0	10	10.0	21	0	21	21.0	36
08:15-08:30	8	0	0	8	8.0	18	0	18	18.0	33
08:30-08:45	11	0	0	11	11.0	16	0	16	16.0	48
08:45-09:00	12	0	0	12	12.0	16	1	0	17	18.3
Hourly Total	41	0	0	41	41.0	71	1	0	72	73.3
09:00-09:15	11	0	0	11	11.0	10	0	10	10.0	56
09:15-09:30	10	0	0	10	10.0	10	0	10	10.0	57
09:30-09:45	10	0	0	10	10.0	17	0	17	17.0	53
09:45-10:00	7	0	0	7	7.0	16	0	16	16.0	41
Hourly Total	38	0	0	38	38.0	53	0	53	53.0	207
TOTAL	100	2	0	102	104.6	195	2	197	199.6	512

16:00-16:15	3	0	0	3	3.0	19	0	19	19.0	74	0
16:15-16:30	1	0	0	1	1.0	26	0	26	26.0	79	1
16:30-16:45	1	0	0	1	1.0	28	0	28	28.0	68	0
16:45-17:00	0	0	0	0	0.0	25	0	25	25.0	71	1
Hourly Total	5	0	0	5	5.0	98	0	98	98.0	292	2
17:00-17:15	1	0	0	1	1.0	21	0	21	21.0	61	1
17:15-17:30	2	0	0	2	2.0	16	0	16	16.0	56	0
17:30-17:45	1	0	0	1	1.0	15	0	15	15.0	48	0
17:45-18:00	2	0	0	2	2.0	13	0	13	13.0	34	0
Hourly Total	6	0	0	6	6.0	65	0	65	65.0	199	1
18:00-18:15	1	0	0	1	1.0	13	0	13	13.0	37	0
18:15-18:30	0	0	0	0	0.0	10	0	10	10.0	36	0
18:30-18:45	0	0	0	0	0.0	6	0	6	6.0	34	1
18:45-19:00	1	0	0	1	1.0	8	0	8	8.0	26	0
Hourly Total	2	0	0	2	2.0	37	0	37	37.0	133	1
TOTAL	13	0	0	13	13.0	200	0	200	200.0	624	4

TIME	Queue Lengths (Vehicles)	TIME	Queue Lengths (Vehicles)
1600	0	1700	0
1605	0	1705	0
1610	0	1710	0
1615	0	1715	0
1620	4	1720	0
1625	0	1725	0
1630	0	1730	2
1635	0	1735	0
1640	3	1740	2
1645	0	1745	2
1650	0	1750	0
1655	0	1755	0
1700	0	1800	0
1705	0	1805	0
1710	0	1810	0
1715	0	1815	0
1720	2	1820	0
1725	2	1825	2
1730	0	1830	0
1735	0	1835	0
1740	2	1840	0
1745	0	1845	0
1750	0	1850	0
1755	0	1855	0
1800	0	1900	0
1805	0		
1810	0		
1815	0		
1820	2		
1825	0		
1830	0		
1835	0		
1840	0		
1845	0		
1850	0		
1855	0		
1900	0		

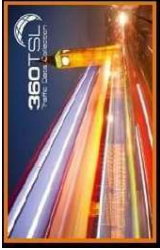
TIME	Queue Lengths (Vehicles)	TIME	Queue Lengths (Vehicles)
700	0	820	0
705	0	825	2
710	0	830	0
715	0	835	0
720	0	840	2
725	0	845	0
730	0	850	0
735	2	855	0
740	0	900	0
745	0	905	0
750	0	910	0
755	0	915	0
760	0	920	2
765	0	925	0
770	0	930	0
775	0	935	0
780	0	940	0
785	0	945	0
790	0	950	0
795	0	955	0
800	0	1000	0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

Havant, Tuesday 5th July 2022

Junction: 3

Approach: Marples Way



Queues are stationary vehicles on the 5 minute period

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

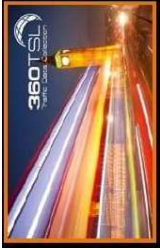
TIME	Left to Brockhampton Road (North)				Ahead to Solent Road				Right to Brockhampton Road (South)					
	LIGHT	HEAVY	BUS	PCUS	TOTAL	LIGHT	HEAVY	BUS	PCUS	TOTAL	LIGHT	HEAVY	BUS	PCUS
07:00-07:15	0	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0
07:15-07:30	0	0	0	0.0	1	1	0	0	2	3.3	3	0	0	3.0
07:30-07:45	1	0	0	1.0	2	0	0	0	2	2.0	1	0	0	1.0
07:45-08:00	0	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0.0
Hourly Total	1	0	0	1.0	3	1	0	0	4	5.3	4	0	0	4.0
08:00-08:15	1	0	0	1.0	1	0	0	0	1	1.0	1	0	0	1.0
08:15-08:30	2	0	0	2.0	4	0	0	0	4	4.0	1	0	0	1.0
08:30-08:45	0	0	0	0.0	1	0	0	0	1	1.0	2	0	0	2.0
08:45-09:00	0	0	0	0.0	0	0	0	0	0	0.0	5	0	0	5.0
Hourly Total	3	0	0	3.0	6	0	0	0	6	6.0	9	0	0	9.0
09:00-09:15	1	0	0	1.0	2	0	0	0	2	2.0	2	0	0	2.0
09:15-09:30	0	0	0	0.0	1	0	0	0	1	1.0	1	0	0	1.0
09:30-09:45	0	0	0	0.0	0	0	0	0	0	0.0	2	0	0	2.0
09:45-10:00	0	0	0	0.0	2	0	0	0	2	2.0	2	0	0	2.0
Hourly Total	1	0	0	1.0	5	0	0	0	5	5.0	7	0	0	7.0

16:00-16:15	2	0	0	2	2.0	4	0	0	4	4.0	9	0	0	9	9.0
16:15-16:30	2	0	0	2	2.0	1	0	0	1	1.0	6	0	0	6	6.0
16:30-16:45	5	0	0	5	5.0	6	0	0	6	6.0	11	0	0	11	11.0
16:45-17:00	3	0	0	3	3.0	8	0	0	8	8.0	10	0	0	10	10.0
Hourly Total	12	0	0	12	12.0	19	0	0	19	19.0	36	0	0	36	36.0
17:00-17:15	2	0	0	2	2.0	7	0	0	7	7.0	16	0	0	16	16.0
17:15-17:30	2	0	0	2	2.0	10	0	0	10	10.0	12	0	0	12	12.0
17:30-17:45	6	0	0	6	6.0	12	0	0	12	12.0	11	0	0	11	11.0
17:45-18:00	0	0	0	0	0.0	7	0	0	7	7.0	9	0	0	9	9.0
Hourly Total	10	0	0	10	10.0	36	0	0	36	36.0	48	0	0	48	48.0
18:00-18:15	2	0	0	2	2.0	7	0	0	7	7.0	7	0	0	7	7.0
18:15-18:30	1	0	0	1	1.0	7	0	0	7	7.0	8	0	0	8	8.0
18:30-18:45	2	0	0	2	2.0	7	0	0	7	7.0	5	0	0	5	5.0
18:45-19:00	0	0	0	0	0.0	4	0	0	4	4.0	2	0	0	2	2.0
Hourly Total	5	0	0	5	5.0	25	0	0	25	25.0	22	0	0	22	22.0
TOTAL	27	0	0	27	27.0	80	0	0	80	80.0	106	0	0	106	106.0

TIME	Queue Lengths (Vehicles)		
1600	700	0	1600
1605	705	0	1605
1610	710	0	1610
1615	715	0	1615
1620	720	0	1620
1625	725	0	1625
1630	730	0	1630
1635	735	0	1635
1640	740	0	1640
1645	745	0	1645
1650	750	0	1650
1655	755	0	1655
1700	800	0	1700
1705	805	0	1705
1710	810	0	1710
1715	815	0	1715
1720	820	0	1720
1725	825	0	1725
1730	830	0	1730
1735	835	0	1735
1740	840	0	1740
1745	845	0	1745
1750	850	0	1750
1755	855	0	1755
1800	900	0	1800
1805	905	0	1805
1810	910	0	1810
1815	915	0	1815
1820	920	0	1820
1825	925	0	1825
1830	930	0	1830
1835	935	0	1835
1840	940	0	1840
1845	945	0	1845
1850	950	0	1850
1855	955	0	1855
1900	1000	0	1900

Havant, Tuesday 5th July 2022

Junction: 4
Approach: Brockhampton Road



Queues are stationary vehicles on the 5 minute period

TIME	Left to Brookside Road				Ahead to Southmoor Lane				Right to Harts Farm Way						
	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS
07:00-07:15	7	0	0	7	7.0	19	0	0	19	19.0	32	1	0	33	34.3
07:15-07:30	9	0	0	9	9.0	21	0	0	21	21.0	33	1	0	34	35.3
07:30-07:45	20	0	0	20	20.0	27	0	0	27	27.0	29	1	0	30	31.3
07:45-08:00	10	0	0	10	10.0	31	1	0	32	33.3	41	1	0	42	43.3
Hourly Total	46	0	0	46	46.0	98	1	0	99	100.3	135	4	0	139	144.2
08:00-08:15	8	0	0	8	8.0	18	0	0	18	18.0	41	0	0	41	41.0
08:15-08:30	13	0	0	13	13.0	22	1	0	23	24.3	36	1	0	37	38.3
08:30-08:45	7	0	0	7	7.0	16	0	0	16	16.0	44	1	0	45	46.3
08:45-09:00	9	0	0	9	9.0	23	0	0	23	23.0	39	1	0	40	41.3
Hourly Total	37	0	0	37	37.0	79	1	0	80	81.3	160	3	0	163	166.9
09:00-09:15	9	0	0	9	9.0	25	0	0	25	25.0	46	0	0	46	46.0
09:15-09:30	7	0	0	7	7.0	18	0	0	18	18.0	48	0	0	48	48.0
09:30-09:45	8	0	0	8	8.0	16	1	0	17	18.3	47	2	0	49	51.6
09:45-10:00	8	0	0	8	8.0	17	0	0	17	17.0	40	1	0	41	42.3
Hourly Total	32	0	0	32	32.0	76	1	0	77	78.3	181	3	0	184	187.9
TOTAL	115	0	0	115	115.0	253	3	0	256	259.9	476	10	0	486	495.0

16:00-16:15	7	0	0	7	7.0	8	0	0	8	8.0	75	1	0	76	77.3
16:15-16:30	6	0	0	6	6.0	8	0	0	8	8.0	80	1	0	81	82.3
16:30-16:45	3	0	0	3	3.0	10	0	0	10	10.0	91	0	0	91	91.0
16:45-17:00	7	0	0	7	7.0	11	0	0	11	11.0	72	0	0	72	72.0
Hourly Total	23	0	0	23	23.0	37	0	0	37	37.0	318	2	0	320	322.6
17:00-17:15	4	0	0	4	4.0	8	0	0	8	8.0	82	0	0	82	82.0
17:15-17:30	4	0	0	4	4.0	10	0	0	10	10.0	90	1	0	91	92.3
17:30-17:45	3	0	0	3	3.0	7	0	0	7	7.0	90	0	0	90	90.0
17:45-18:00	3	0	0	3	3.0	6	0	0	6	6.0	82	1	0	83	84.3
Hourly Total	14	0	0	14	14.0	31	0	0	31	31.0	344	2	0	346	348.6
18:00-18:15	1	0	0	1	1.0	3	0	0	3	3.0	80	0	0	80	80.0
18:15-18:30	4	0	0	4	4.0	6	0	0	6	6.0	72	1	0	73	74.3
18:30-18:45	2	0	0	2	2.0	4	0	0	4	4.0	66	0	0	66	66.0
18:45-19:00	2	0	0	2	2.0	3	0	0	3	3.0	61	0	0	61	61.0
Hourly Total	9	0	0	9	9.0	16	0	0	16	16.0	279	1	0	280	281.3
TOTAL	46	0	0	46	46.0	84	0	0	84	84.0	941	5	0	946	952.5

PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

TIME	Queue Lengths (Vehicles)		
1600	700	0	2
1605	705	0	0
1610	710	0	3
1615	715	0	2
1620	720	0	0
1625	725	2	2
1630	730	0	5
1635	735	0	0
1640	740	2	2
1645	745	0	2
1650	750	3	2
1655	755	2	4
1700	800	3	2
1705	805	0	0
1710	810	2	2
1715	815	0	2
1720	820	2	2
1725	825	0	3
1730	830	2	5
1735	835	0	2
1740	840	2	4
1745	845	2	0
1750	850	3	3
1755	855	0	5
1800	900	0	5
1805	905	0	0
1810	910	0	0
1815	915	0	2
1820	920	0	2
1825	925	0	3
1830	930	0	2
1835	935	0	3
1840	940	0	4
1845	945	0	2
1850	950	0	2
1855	955	0	2
1900	1000	0	0

TIME	Queue Lengths (Vehicles)		
700	700	0	
705	705	0	
710	710	0	
715	715	0	
720	720	0	
725	725	2	
730	730	0	
735	735	0	
740	740	2	
745	745	0	
750	750	3	
755	755	2	
800	800	3	
805	805	0	
810	810	2	
815	815	0	
820	820	2	
825	825	0	
830	830	2	
835	835	0	
840	840	2	
845	845	2	
850	850	3	
855	855	0	
900	900	0	
905	905	0	
910	910	0	
915	915	0	
920	920	0	
925	925	0	
930	930	0	
935	935	0	
940	940	0	
945	945	0	
950	950	0	
955	955	0	
1000	1000	0	

Havant, Tuesday 5th July 2022

Junction: 4

Approach: Brookside Road



Queues are stationary vehicles on the 5 minute period

TIME	Left to Southmoor Lane				Ahead to Harts Farm Way				Right to Brookhampton Road						
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
07:00-07:15	0	0	0	0	1.0	1	0	0	1	1.0	2	0	0	2	2.0
07:15-07:30	1	0	0	1	1.0	1	0	0	1	1.0	5	0	0	5	5.0
07:30-07:45	4	0	0	4	4.0	2	0	0	2	2.0	3	0	0	3	3.0
07:45-08:00	0	0	0	0	0.0	3	0	0	3	3.0	2	0	0	2	2.0
Hourly Total	5	0	0	5	5.0	7	0	0	7	7.0	12	0	0	12	12.0
08:00-08:15	2	0	0	2	2.0	6	0	0	6	6.0	3	0	0	3	3.0
08:15-08:30	2	0	0	2	2.0	2	0	0	2	2.0	3	0	0	3	3.0
08:30-08:45	3	0	0	3	3.0	5	0	0	5	5.0	2	0	0	2	2.0
08:45-09:00	1	0	0	1	1.0	5	0	0	5	5.0	3	0	0	3	3.0
Hourly Total	8	0	0	8	8.0	18	0	0	18	18.0	11	0	0	11	11.0
09:00-09:15	2	0	0	2	2.0	3	0	0	3	3.0	1	0	0	1	1.0
09:15-09:30	1	0	0	1	1.0	2	0	0	2	2.0	1	0	0	1	1.0
09:30-09:45	0	0	0	0	0.0	1	0	0	1	1.0	4	0	0	4	4.0
09:45-10:00	1	0	0	1	1.0	3	0	0	3	3.0	2	0	0	2	2.0
Hourly Total	4	0	0	4	4.0	9	0	0	9	9.0	8	0	0	8	8.0

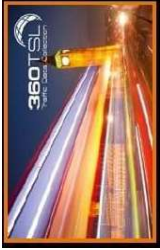
TOTAL	17	0	0	17	17.0	34	0	0	34	34.0	31	0	0	31	31.0
16:00-16:15	1	0	0	1	1.0	19	0	0	19	19.0	10	0	0	10	10.0
16:15-16:30	1	0	0	1	1.0	15	0	0	15	15.0	7	0	0	7	7.0
16:30-16:45	1	0	0	1	1.0	12	0	0	12	12.0	8	0	0	8	8.0
16:45-17:00	0	0	0	0	0.0	15	0	0	15	15.0	8	0	0	8	8.0
Hourly Total	3	0	0	3	3.0	61	0	0	61	61.0	33	0	0	33	33.0
17:00-17:15	0	0	0	0	0.0	24	0	0	24	24.0	5	0	0	5	5.0
17:15-17:30	0	0	0	0	0.0	19	0	0	19	19.0	7	0	0	7	7.0
17:30-17:45	1	0	0	1	1.0	15	0	0	15	15.0	3	0	0	3	3.0
17:45-18:00	2	0	0	2	2.0	17	0	0	17	17.0	3	0	0	3	3.0
Hourly Total	3	0	0	3	3.0	75	0	0	75	75.0	18	0	0	18	18.0
18:00-18:15	0	0	0	0	0.0	11	0	0	11	11.0	1	0	0	1	1.0
18:15-18:30	1	0	0	1	1.0	9	0	0	9	9.0	2	0	0	2	2.0
18:30-18:45	0	0	0	0	0.0	9	0	0	9	9.0	2	0	0	2	2.0
18:45-19:00	0	0	0	0	0.0	10	0	0	10	10.0	2	0	0	2	2.0
Hourly Total	1	0	0	1	1.0	39	0	0	39	39.0	7	0	0	7	7.0
TOTAL	7	0	0	7	7.0	175	0	0	175	175.0	58	0	0	58	58.0

PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

TIME	Queue Lengths (Vehicles)			TIME	Queue Lengths (Vehicles)		
1600	0			1700	0		
1605	0			1705	0		
1610	2			1710	0		
1615	0			1715	0		
1620	0			1720	0		
1625	3			1725	2		
1630	0			1730	0		
1635	2			1735	0		
1640	0			1740	0		
1645	0			1745	0		
1650	0			1750	2		
1655	0			1755	0		
1700	2			1800	0		
1705	0			1805	0		
1710	2			1810	2		
1715	0			1815	0		
1720	0			1820	0		
1725	0			1825	0		
1730	0			1830	0		
1735	0			1835	0		
1740	0			1840	0		
1745	0			1845	0		
1750	0			1850	0		
1755	0			1855	0		
1800	0			1900	0		
1805	0						
1810	2						
1815	0						
1820	0						
1825	0						
1830	0						
1835	0						
1840	0						
1845	0						
1850	0						
1855	0						
1900	0						

Havant, Tuesday 5th July 2022

Junction: 4
Approach: Southmoor Lane



Queues are stationary vehicles on the 5 minute period

PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

TIME	Left to Harts Farm Way				Ahead to Brockhampton Road				Right to Brookside Road				PCUS	
	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY		BUS
07:00 - 07:15	6	0	0	6	6.0	8	0	0	8	8.0	1	0	0	1
07:15 - 07:30	7	1	0	8	9.3	13	3	0	16	19.9	2	0	0	2
07:30 - 07:45	15	0	0	15	15.0	15	1	0	16	17.3	0	0	0	0
07:45 - 08:00	20	0	0	20	20.0	11	1	0	12	13.3	1	0	0	1
Hourly Total	48	1	0	49	50.3	47	5	0	52	58.5	4	0	0	4
08:00 - 08:15	13	0	0	13	13.0	18	0	0	18	18.0	2	0	0	2
08:15 - 08:30	9	4	0	13	18.2	12	0	0	12	12.0	2	0	0	2
08:30 - 08:45	18	1	0	19	20.3	15	1	0	16	17.3	1	0	0	1
08:45 - 09:00	14	1	0	15	16.3	9	2	0	11	13.6	4	0	0	4
Hourly Total	54	6	0	60	67.8	54	3	0	57	60.9	9	0	0	9
09:00 - 09:15	15	1	0	16	17.3	12	1	0	13	14.3	2	0	0	2
09:15 - 09:30	12	1	0	13	14.3	11	1	0	12	13.3	2	0	0	2
09:30 - 09:45	14	0	0	14	14.0	15	0	0	15	15.0	0	0	0	0
09:45 - 10:00	10	2	0	12	14.6	17	1	0	18	19.3	1	0	0	1
Hourly Total	51	4	0	55	60.2	55	3	0	58	61.9	5	0	0	5
TOTAL	153	11	0	164	178.3	156	11	0	167	181.3	18	0	0	18

16:00 - 16:15	38	0	0	38	38.0	37	1	0	38	39.3	2	0	0	2
16:15 - 16:30	42	0	0	42	42.0	51	0	0	51	51.0	2	0	0	2
16:30 - 16:45	41	0	0	41	41.0	33	1	0	34	35.3	1	0	0	1
16:45 - 17:00	54	1	0	55	56.3	36	0	0	36	36.0	2	0	0	2
Hourly Total	175	1	0	176	177.3	157	2	0	159	161.6	7	0	0	7
17:00 - 17:15	37	0	0	37	37.0	29	0	0	29	29.0	2	0	0	2
17:15 - 17:30	33	0	0	33	33.0	19	0	0	19	19.0	1	0	0	1
17:30 - 17:45	36	0	0	36	36.0	11	0	0	11	11.0	2	0	0	2
17:45 - 18:00	18	2	0	20	22.6	6	0	0	6	6.0	0	0	0	0
Hourly Total	124	2	0	126	128.6	65	0	0	65	65.0	5	0	0	5
18:00 - 18:15	20	0	0	20	20.0	10	0	0	10	10.0	2	0	0	2
18:15 - 18:30	9	0	0	9	9.0	8	0	0	8	8.0	1	0	0	1
18:30 - 18:45	11	1	0	12	13.3	6	1	0	7	8.3	1	0	0	1
18:45 - 19:00	8	0	0	8	8.0	7	0	0	7	7.0	0	0	0	0
Hourly Total	48	1	0	49	50.3	31	1	0	32	33.3	4	0	0	4
TOTAL	347	4	0	351	356.2	253	3	0	256	259.9	16	0	0	16

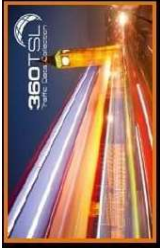
TIME	Queue Lengths (Vehicles)		
1600			3
1605			5
1610			2
1615			0
1620			2
1625			0
1630			6
1635			0
1640			3
1645			0
1650			2
1655			2
1700			3
1705			2
1710			0
1715			2
1720			0
1725			2
1730			3
1735			4
1740			0
1745			0
1750			2
1755			0
1800			2
1805			0
1810			0
1815			2
1820			0
1825			0
1830			0
1835			0
1840			2
1845			0
1850			0
1855			0
1900			0

TIME	Queue Lengths (Vehicles)		
700			0
705			0
710			0
715			0
720			0
725			2
730			0
735			0
740			3
745			0
750			2
755			0
800			2
805			0
810			2
815			2
820			2
825			0
830			0
835			0
840			0
845			0
850			0
855			3
900			0
905			0
910			0
915			2
920			0
925			0
930			0
935			0
940			2
945			0
950			0
955			0
1000			0

Havant, Tuesday 5th July 2022

Junction: 4

Approach: Harts Farm Way



Queues are stationary vehicles on the 5 minute period

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

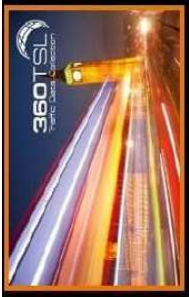
TIME	Left to Brookhampton Road				Ahead to Brookside Road				Right to Southmoor Lane						
	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS
07:00- 07:15	37	0	0	37	37.0	17	0	0	17	17.0	39	0	0	39	39.0
07:15- 07:30	40	0	0	40	40.0	28	0	0	28	28.0	43	0	0	43	43.0
07:30- 07:45	45	1	0	46	47.3	20	0	0	20	20.0	56	1	0	57	58.3
07:45- 08:00	42	1	0	43	44.3	17	0	0	17	17.0	74	3	0	77	80.9
Hourly Total	164	2	0	166	168.6	82	0	0	82	82.0	212	4	0	216	221.2
08:00- 08:15	47	1	0	48	49.3	21	0	0	21	21.0	57	1	0	58	59.3
08:15- 08:30	45	2	0	47	49.6	32	0	0	32	32.0	52	2	0	54	56.6
08:30- 08:45	57	1	0	58	59.3	27	0	0	27	27.0	55	1	0	56	57.3
08:45- 09:00	75	0	0	75	75.0	23	0	0	23	23.0	49	1	0	50	51.3
Hourly Total	224	4	0	228	233.2	103	0	0	103	103.0	213	5	0	218	224.5
09:00- 09:15	63	1	0	64	65.3	15	0	0	15	15.0	38	1	0	39	40.3
09:15- 09:30	66	0	0	66	66.0	10	0	0	10	10.0	30	0	0	30	30.0
09:30- 09:45	60	1	0	61	62.3	9	0	0	9	9.0	28	1	0	29	30.3
09:45- 10:00	45	1	0	46	47.3	5	0	0	5	5.0	16	1	0	17	18.3
Hourly Total	234	3	0	237	240.9	39	0	0	39	39.0	112	3	0	115	118.9

16:00- 16:15	47	0	0	47	47.0	2	0	0	2	2.0	9	1	0	10	11.3
16:15- 16:30	50	1	0	51	52.3	7	0	0	7	7.0	8	2	0	10	12.6
16:30- 16:45	55	0	0	55	55.0	3	0	0	3	3.0	7	0	0	7	7.0
16:45- 17:00	53	0	0	53	53.0	3	0	0	3	3.0	5	1	0	6	7.3
Hourly Total	205	1	0	206	207.3	15	0	0	15	15.0	29	4	0	33	38.2
17:00- 17:15	49	0	0	49	49.0	2	0	0	2	2.0	11	0	0	11	11.0
17:15- 17:30	46	0	0	46	46.0	2	0	0	2	2.0	7	2	0	9	11.6
17:30- 17:45	51	0	0	51	51.0	1	0	0	1	1.0	9	0	0	9	9.0
17:45- 18:00	40	0	0	40	40.0	1	0	0	1	1.0	8	1	0	9	10.3
Hourly Total	186	0	0	186	186.0	6	0	0	6	6.0	35	3	0	38	41.9
18:00- 18:15	39	0	0	39	39.0	2	0	0	2	2.0	6	0	0	6	6.0
18:15- 18:30	36	0	0	36	36.0	3	0	0	3	3.0	3	1	0	4	5.3
18:30- 18:45	31	0	0	31	31.0	3	0	0	3	3.0	3	0	0	3	3.0
18:45- 19:00	28	0	0	28	28.0	1	0	0	1	1.0	2	0	0	2	2.0
Hourly Total	134	0	0	134	134.0	9	0	0	9	9.0	14	1	0	15	16.3
TOTAL	525	1	0	526	527.3	30	0	0	30	30.0	78	8	0	86	96.4

Havant, Tuesday 5th July 2022

Junction: 5

Approach: Park Road South (North)



Queues are stationary vehicles on the 5 minute period

TIME	Ahead to Park Road South (South)				Right to Solent Road				PCUs
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	
07:00 - 07:15	81	3	3	87	99.9	44	0	0	44
07:15 - 07:30	96	1	2	99	102.3	51	1	0	52
07:30 - 07:45	104	2	1	107	110.6	56	0	0	56
07:45 - 08:00	107	1	1	109	111.3	55	0	0	55
Hourly Total	388	7	7	402	418.1	206	1	0	207
08:00 - 08:15	102	2	1	105	108.6	59	0	0	59
08:15 - 08:30	107	1	0	108	109.3	67	1	0	68
08:30 - 08:45	119	2	2	123	127.6	78	1	0	79
08:45 - 09:00	127	1	2	130	133.3	84	1	0	85
Hourly Total	455	6	5	466	478.8	288	3	0	291
09:00 - 09:15	130	2	1	133	136.6	98	0	0	98
09:15 - 09:30	146	2	0	148	150.6	92	0	0	92
09:30 - 09:45	151	1	2	154	157.3	87	1	0	88
09:45 - 10:00	144	2	1	147	150.6	81	0	0	81
Hourly Total	571	7	4	582	595.1	358	1	0	359
TOTAL	1414	20	16	1450	1492.0	852	5	0	857

16:00 - 16:15	116	1	2	119	122.3	71	1	0	72
16:15 - 16:30	133	1	1	135	137.3	76	0	0	76
16:30 - 16:45	156	2	2	160	164.6	68	1	0	69
16:45 - 17:00	144	2	3	149	154.6	77	0	0	77
Hourly Total	549	6	8	563	578.8	292	2	0	294
17:00 - 17:15	141	1	3	145	149.3	82	0	0	82
17:15 - 17:30	129	3	2	134	139.9	75	0	1	76
17:30 - 17:45	117	2	3	122	127.6	77	1	0	78
17:45 - 18:00	122	1	1	124	126.3	68	0	0	68
Hourly Total	509	7	9	525	543.1	302	1	1	304
18:00 - 18:15	129	1	2	132	135.3	62	1	0	63
18:15 - 18:30	134	0	2	136	138.0	56	0	0	56
18:30 - 18:45	128	1	3	132	136.3	49	0	1	50
18:45 - 19:00	119	2	2	123	127.6	33	0	0	33
Hourly Total	510	4	9	523	537.2	200	1	1	202
TOTAL	1568	17	26	1611	1659.1	794	4	2	800

PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

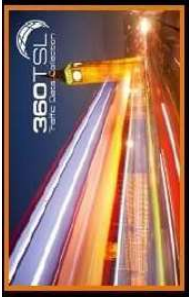
TIME	Queue Lengths (Vehicles)		
	Ahead	Right Turn	
700	7	5	
705	8	6	
710	5	4	
715	7	6	
720	7	7	
725	5	6	
730	7	6	
735	6	6	
740	7	7	
745	7	8	
750	5	7	
755	7	6	
800	10	5	
805	10	8	
810	13	8	
815	14	8	
820	12	9	
825	13	8	
830	15	9	
835	15	10	
840	14	12	
845	15+	14	
850	15+	11	
855	15+	14	
900	15+	13	
905	15+	13	
910	15+	12	
915	20+	12	
920	20+	10	
925	20+	15	
930	20+	12	
935	20+	14	
940	20+	14	
945	20+	12	
950	20+	12	
955	20+	14	
1000	20+	12	

TIME	Queue Lengths (Vehicles)	
	Ahead	Right Turn
1600	10	12
1605	9	14
1610	10	10
1615	15	12
1620	20+	15
1625	20+	15
1630	20+	15+
1635	25+	15+
1640	25+	15+
1645	25+	20+
1650	25+	20+
1655	35+	20+
1700	35+	30+
1705	35+	30+
1710	25+	30+
1715	25+	25+
1720	25+	25+
1725	25+	25+
1730	25+	20+
1735	25+	20+
1740	25+	20+
1745	25+	15+
1750	20+	15+
1800	15+	15+
1805	15+	15+
1810	15+	15
1815	15+	12
1820	15+	12
1825	15+	10
1830	15+	12
1835	12	10
1840	15	12
1845	12	12
1850	12	10
1855	15	12
1900	13	12

Havant, Tuesday 5th July 2022

Junction: 5

Approach: Park Road South (South)



Queues are stationary vehicles on the 5 minute period

TIME	Left to Solent Road				Ahead to Park Road South (North)				PCUs
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	
07:00 - 07:15	64	1	0	65	66.3	102	1	2	105
07:15 - 07:30	69	1	0	70	71.3	110	2	3	115
07:30 - 07:45	75	1	0	76	77.3	115	4	1	120
07:45 - 08:00	82	0	0	82	82.0	112	3	1	116
Hourly Total	290	3	0	293	296.9	439	10	7	456
08:00 - 08:15	85	2	0	87	89.6	110	2	2	114
08:15 - 08:30	96	1	1	98	100.3	148	3	1	152
08:30 - 08:45	103	1	0	104	105.3	171	4	3	178
08:45 - 09:00	127	0	1	128	129.0	186	3	2	191
Hourly Total	411	4	2	417	424.2	615	12	8	635
09:00 - 09:15	134	1	1	136	138.3	170	5	0	175
09:15 - 09:30	123	1	0	124	125.3	169	4	3	176
09:30 - 09:45	117	0	0	117	117.0	157	3	0	160
09:45 - 10:00	112	1	1	114	116.3	162	3	2	167
Hourly Total	486	3	2	491	496.9	658	15	5	678
TOTAL	1187	10	4	1201	1218.0	1712	37	20	1769

16:00 - 16:15	103	0	0	103	103.0	125	2	0	127
16:15 - 16:30	114	0	0	114	114.0	114	1	1	116
16:30 - 16:45	125	0	0	125	125.0	107	1	2	110
16:45 - 17:00	101	0	0	101	101.0	101	1	2	104
Hourly Total	443	0	0	443	443.0	447	5	5	457
17:00 - 17:15	97	0	0	97	97.0	96	2	2	100
17:15 - 17:30	93	1	0	94	95.3	82	1	3	86
17:30 - 17:45	88	0	0	88	88.0	78	2	2	82
17:45 - 18:00	92	0	1	93	94.0	93	2	2	97
Hourly Total	370	1	1	372	374.3	349	7	9	365
18:00 - 18:15	87	0	0	87	87.0	112	0	3	115
18:15 - 18:30	90	1	0	91	92.3	118	1	2	121
18:30 - 18:45	89	0	0	89	89.0	121	2	1	124
18:45 - 19:00	81	0	0	81	81.0	114	1	2	117
Hourly Total	347	1	0	348	349.3	465	4	8	477
TOTAL	1160	2	1	1163	1166.6	1261	16	22	1299

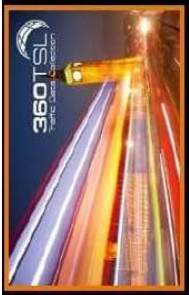
PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TIME	Queue Lengths (Vehicles)		
	Ahead	Right Turn	
700	12	15	
705	15	15	
710	13	15	
715	14	15	
720	15	13	
725	15	15	
730	12	15	
735	15	20+	
740	15+	20+	
745	15+	20+	
750	15+	20+	
755	15+	20+	
800	15+	20+	
805	15+	20+	
810	20+	20+	
815	20+	20+	
820	20+	20+	
825	20+	20+	
830	20+	20+	
835	20+	20+	
840	20+	20+	
845	20+	20+	
850	20+	20+	
855	20+	20+	
900	20+	20+	
905	20+	20+	
910	20+	20+	
915	20+	20+	
920	20+	15+	
925	20+	15+	
930	20+	15+	
935	25+	15+	
940	25+	15+	
945	25+	15+	
950	20+	15+	
955	20+	15+	
1000	20+	15+	

TIME	Queue Lengths (Vehicles)	
	Ahead	Right Turn
1600	10	13
1605	12	13
1610	13	13
1615	12	15
1620	12	15
1625	15+	13
1630	15+	15+
1635	15+	15+
1640	15+	15+
1645	20+	15+
1650	20+	20+
1655	20+	20+
1700	20+	20+
1705	25+	20+
1710	25+	20+
1715	25+	25+
1720	25+	25+
1725	25+	25+
1730	25+	25+
1735	25+	25+
1740	25+	15+
1745	20+	15+
1750	20+	15+
1800	20+	15+
1805	20+	15+
1810	15+	15+
1815	15+	15+
1820	15+	12
1825	15+	12
1830	15+	12
1835	15+	13
1840	15+	12
1845	15+	14
1850	15+	13
1855	15+	11
1900	15+	11

Havant, Tuesday 5th July 2022

Junction: 5
Approach: Solent Road



Queues are stationary vehicles on the 5 minute period

Left to Park Road South (North)					Right to Park Road South (South)					
TIME	LIGHT	HEAVY	BUS	TOTAL	PCUS	LIGHT	HEAVY	BUS	TOTAL	PCUS
07:00 - 07:15	15	0	0	15	15.0	23	1	0	24	25.3
07:15 - 07:30	17	1	0	18	19.3	30	0	0	30	30.0
07:30 - 07:45	18	1	0	19	20.3	33	1	0	34	35.3
07:45 - 08:00	25	0	0	25	25.0	42	1	0	43	44.3
Hourly Total	75	2	0	77	79.6	128	3	0	131	134.9
08:00 - 08:15	31	1	0	32	33.3	46	1	1	48	50.3
08:15 - 08:30	36	1	0	37	38.3	49	1	0	50	51.3
08:30 - 08:45	39	1	1	41	43.3	51	1	0	52	53.3
08:45 - 09:00	40	0	0	40	40.0	55	2	1	58	61.6
Hourly Total	146	3	1	150	154.9	201	5	2	208	216.5
09:00 - 09:15	43	1	0	44	45.3	58	1	0	59	60.3
09:15 - 09:30	47	1	0	48	49.3	65	1	0	66	67.3
09:30 - 09:45	51	1	0	52	53.3	68	1	1	70	72.3
09:45 - 10:00	58	0	0	58	58.0	72	1	0	73	74.3
Hourly Total	199	3	0	202	205.9	263	4	1	268	274.2
TOTAL	420	8	1	429	440.4	592	12	3	607	625.6

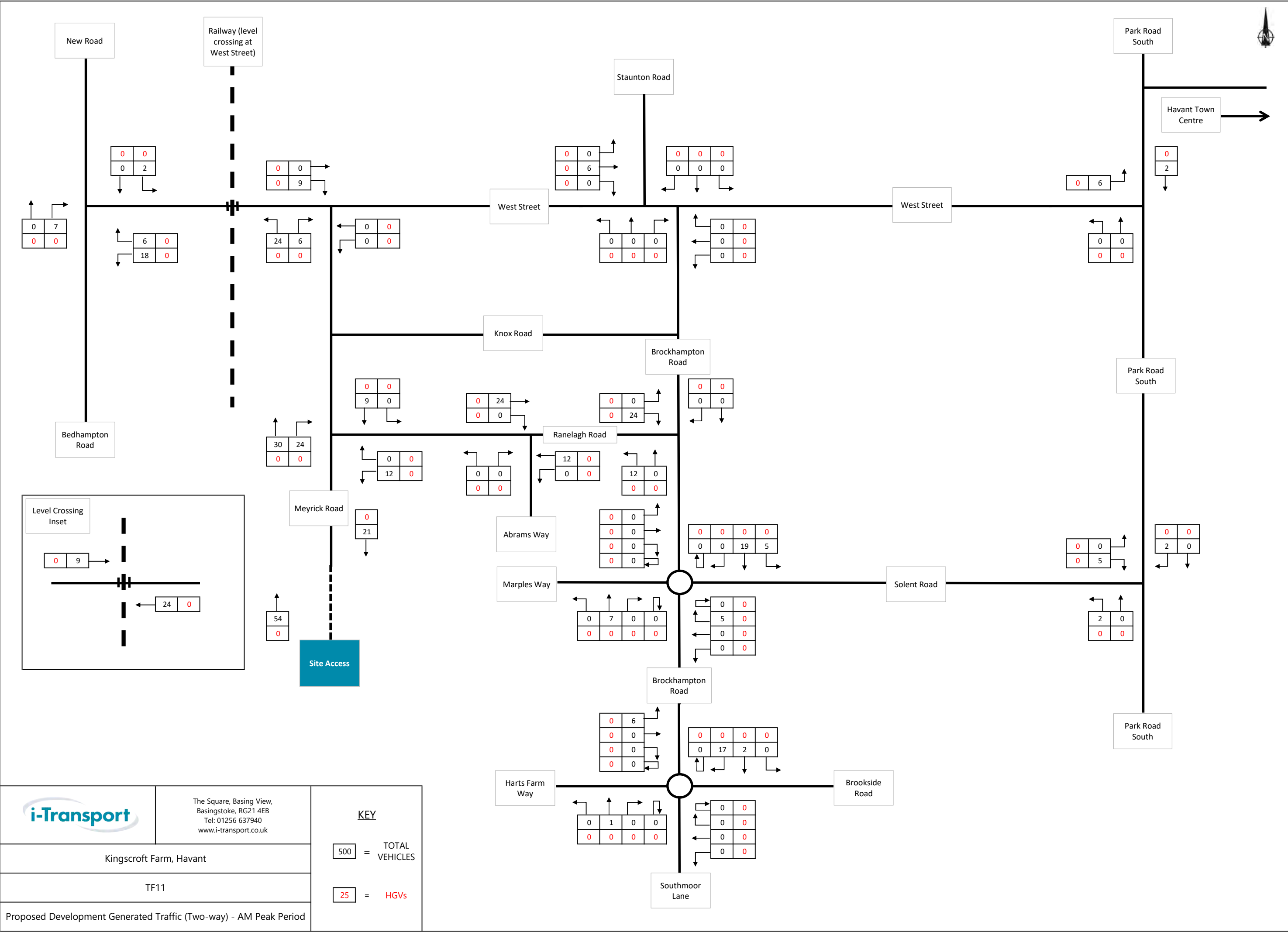
16:00 - 16:15	70	0	0	70	70.0	101	0	0	101	101.0
16:15 - 16:30	51	0	0	51	51.0	107	1	0	108	109.3
16:30 - 16:45	36	0	0	36	36.0	100	0	0	100	100.0
16:45 - 17:00	57	0	0	57	57.0	99	0	0	99	99.0
Hourly Total	214	0	0	214	214.0	407	1	0	408	409.3
17:00 - 17:15	67	0	0	67	67.0	91	0	0	91	91.0
17:15 - 17:30	60	0	1	61	62.0	85	0	0	85	85.0
17:30 - 17:45	54	0	0	54	54.0	80	0	0	80	80.0
17:45 - 18:00	51	0	0	51	51.0	72	0	0	72	72.0
Hourly Total	232	0	1	233	234.0	328	0	0	328	328.0
18:00 - 18:15	66	1	0	67	68.3	78	1	0	79	80.3
18:15 - 18:30	69	0	0	69	69.0	86	0	0	86	86.0
18:30 - 18:45	71	0	1	72	73.0	94	0	0	94	94.0
18:45 - 19:00	74	0	0	74	74.0	97	0	0	97	97.0
Hourly Total	280	1	1	282	284.3	355	1	0	356	357.3
TOTAL	726	1	2	729	732.3	1090	2	0	1092	1094.6

PCU Factors:		
LIGHT	1.0	
HEAVY	2.3	
BUS	2.0	

TIME	Queue Lengths (Vehicles)
700	5
705	4
710	6
715	6
720	6
725	5
730	4
735	5
740	6
745	6
750	7
755	6
800	8
805	8
810	7
815	8
820	8
825	9
830	15
835	13
840	14
845	15
850	16
855	15
900	15
905	15
910	16
915	20+
920	20+
925	20+
930	20+
935	20+
940	20+
945	20+
950	20+
955	20+
1000	20+

TIME	Queue Lengths (Vehicles)
1600	15+
1605	15+
1610	15+
1615	20+
1620	20+
1625	20+
1630	20+
1635	20+
1640	20+
1645	20+
1650	20+
1655	20+
1700	20+
1705	25+
1710	25+
1715	25+
1720	25+
1725	25+
1730	25+
1735	25+
1740	25+
1745	25+
1750	25+
1755	25+
1800	25+
1805	25+
1810	20+
1815	20+
1820	20+
1825	20+
1830	20+
1835	20+
1840	20+
1845	15+
1850	15+
1855	15+
1900	15+

Appendix K



The Square, Basing View,
Basingstoke, RG21 4EB
Tel: 01256 637940
www.i-transport.co.uk

Kingscroft Farm, Havant

TF11

Proposed Development Generated Traffic (Two-way) - AM Peak Period

