

Basic Results Summary

User and Project Details

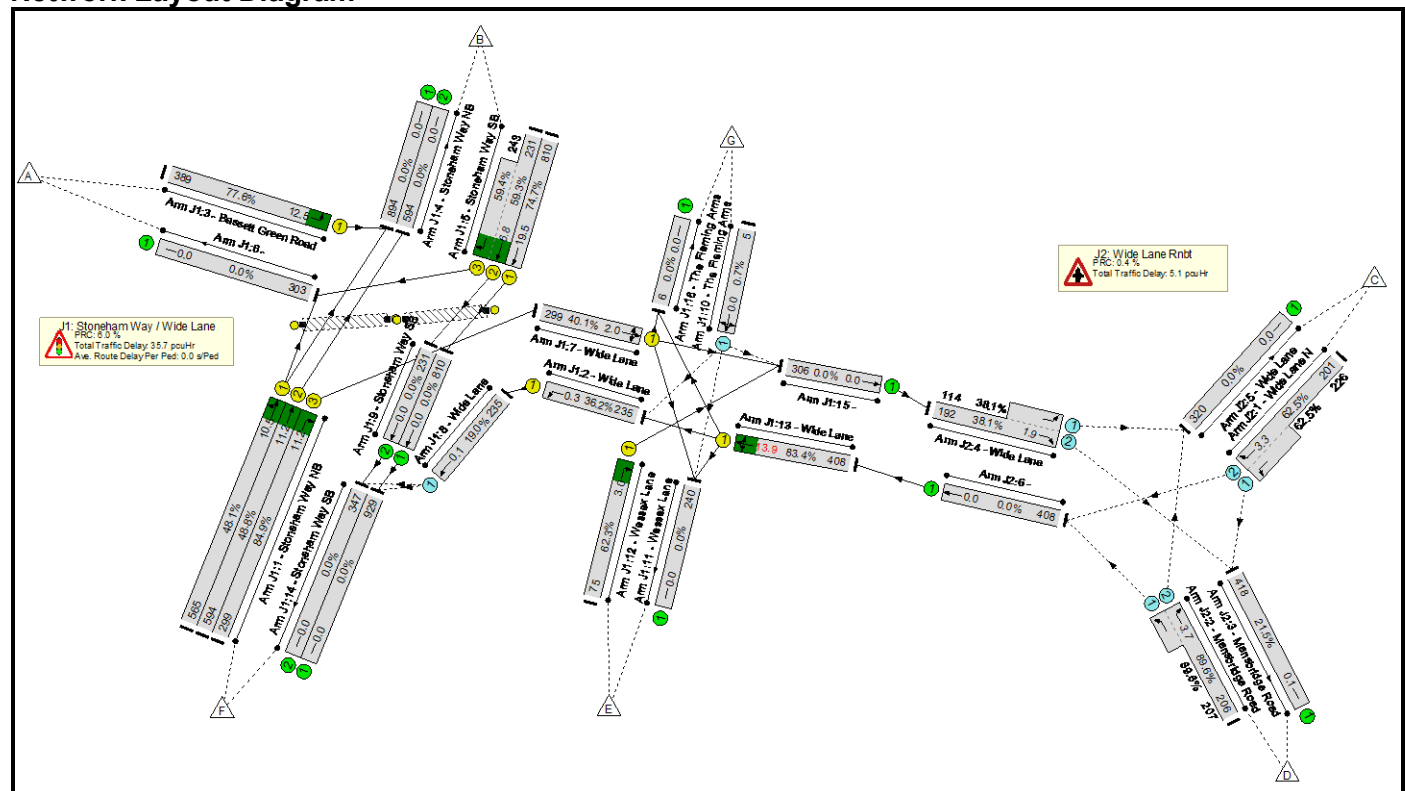
Project:	
Title:	
Location:	
Additional detail:	
File name:	J07_StonehamWy-WideLn_update_PM_v02.lsg3x
Author:	
Company:	
Address:	
Linsig Version:	3, 3, 0, 6

Scenarios

Number	Scenario Name	Flow Group	Network Control Plan	Time	Cycle Time (s)	PRC (%)	Delay (pcuHr)
1	2025 Base PM	2025 Base PM	Network Control Plan 1	16:00 - 17:00	109	0.4	40.85
2	2028 DM PM	2028 DM PM	Network Control Plan 1	16:00 - 17:00	109	-28.3	93.84
3	2028 DS PM	2028 DS PM	Network Control Plan 1	16:00 - 17:00	109	-30.5	103.53
4	2036 DM PM	2036 DM PM	Network Control Plan 1	16:00 - 17:00	109	-41.7	139.86
5	2036 DS PM	2036 DS PM	Network Control Plan 1	16:00 - 17:00	109	-43.4	149.22

Scenario 1: '2025 Base PM' (FG1: '2025 Base PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Bonus Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	-	89.6%	2531	1	0	40.9	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	84.9%	239	1	0	35.7	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	63	-	Y	565	2066	1175	48.1%	-	-	-	2.7	16.9	10.5
1/2	Stoneham Way NB Ahead	U	B		1	63	-	Y	594	2141	1218	48.8%	-	-	-	2.8	16.9	11.2
1/3	Stoneham Way NB Right	U	C		1	24	-	Y	299	1600	352	84.9%	-	-	-	5.9	71.6	11.2
2/1	Wide Lane Left	U	I		1	36	-	-	235	1915	650	36.2%	-	-	-	0.3	4.6	0.3
3/1	Bassett Green Road Left	U	E		1	31	-	Y	389	1822	501	77.6%	-	-	-	5.6	51.9	12.5
5/1	Stoneham Way SB Ahead	U	A		1	63	-	-	810	1846	1084	74.7%	-	-	-	5.2	23.1	19.5
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	63:31	-	Y:Y	474	1917:1759	389+409	59.3 : 59.4%	-	-	-	3.7	27.7	6.8
7/1	Wide Lane Right Ahead Left	U	H		1	57	-	-	299	1400	745	40.1%	-	-	-	1.0	12.1	2.0
8/1	Wide Lane Ahead	O	-		-	-	-	-	235	1915	1234	19.0%	235	0	0	0.1	1.8	0.1
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	5	1940	693	0.7%	4	1	0	0.0	2.6	0.0
12/1	Wessex Lane Right	U	G		1	8	-	Y	75	1876	120	62.3%	-	-	-	1.8	88.0	3.0

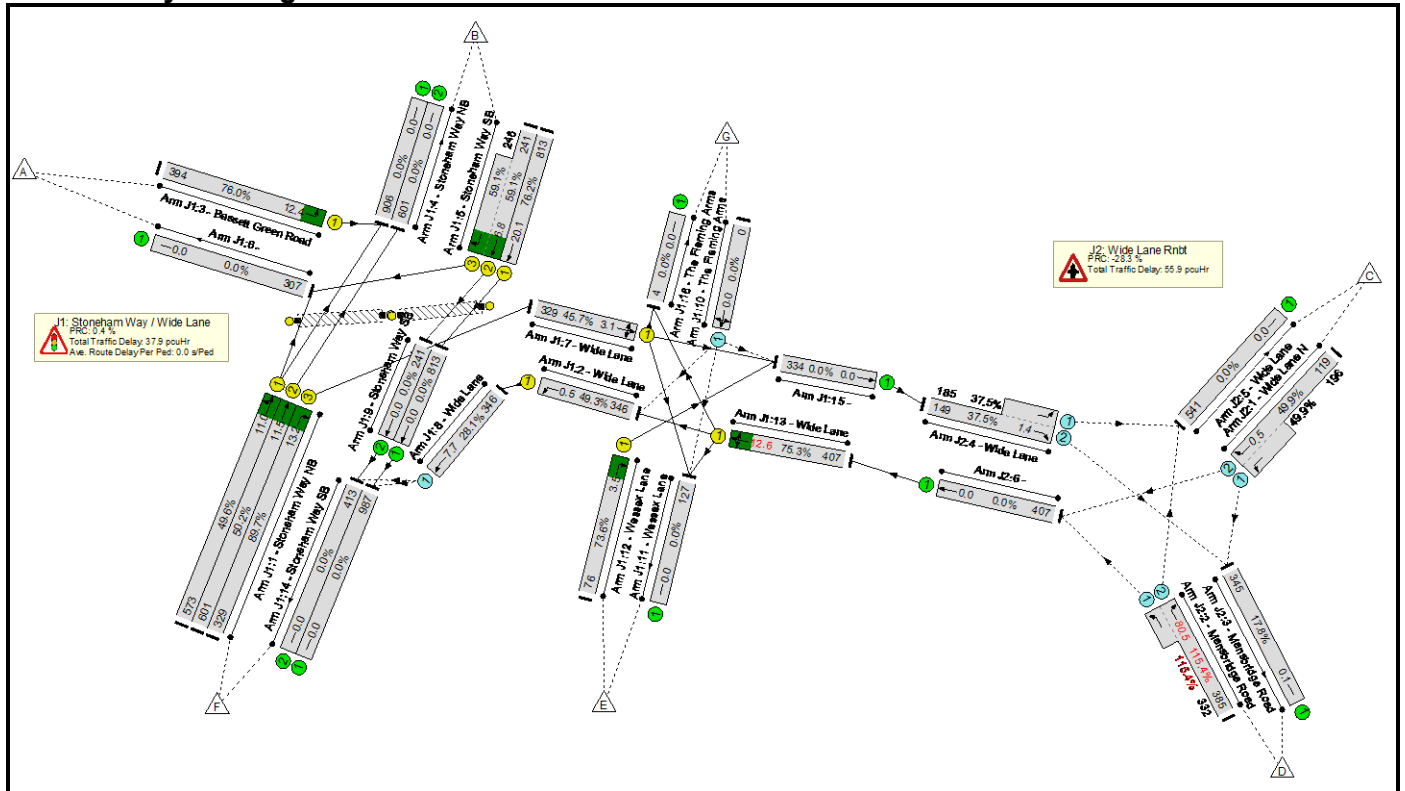
Basic Results Summary

13/1	Wide Lane Ahead Left Right	U	F		1	29	-	Y	408	1839	489	83.4%	-	-	-	6.6	58.7	13.9
Ped Link: P1	Unnamed Ped Link	-	K		1	31	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	31	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	89.6%	2292	0	0	5.1	-	-
1/2+1/1	Wide Lane N Left Right	O	-		-	-	-	-	427	2010:2010	321+361	62.5 : 62.5%	854	0	0	0.9	7.8	3.3
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	413	1798:1798	230+231	89.6 : 89.6%	826	0	0	3.7	32.5	3.7
3/1	Mansbridge Road	U	-		-	-	-	-	418	1940	1940	21.5%	-	-	-	0.1	1.2	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	306	1930:1930	504+299	38.1 : 38.1%	612	0	0	0.3	3.7	1.9
C1 - Bassett Green Road / Wessex Lane PRC for Signalled Lanes (%): 6.0 PRC Over All Lanes (%): 0.4 Total Delay for Signalled Lanes (pcuHr): 35.63 Total Delay Over All Lanes(pcuHr): 40.85 Cycle Time (s): 109																		

Basic Results Summary

Scenario 2: '2028 DM PM' (FG2: '2028 DM PM ', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Bonus Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	-	115.4%	2932	0	0	93.8	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	89.7%	346	0	0	37.9	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	62	-	Y	573	2066	1156	49.6%	-	-	-	2.8	17.7	11.0
1/2	Stoneham Way NB Ahead	U	B		1	62	-	Y	601	2141	1198	50.2%	-	-	-	3.0	17.7	11.5
1/3	Stoneham Way NB Right	U	C		1	25	-	Y	329	1600	367	89.7%	-	-	-	7.4	80.5	13.2
2/1	Wide Lane Left	U	I		1	39	-	-	384	1915	703	49.3%	-	-	-	0.5	5.2	0.5
3/1	Bassett Green Road Left	U	E		1	32	-	Y	394	1822	518	76.0%	-	-	-	5.4	49.8	12.4
5/1	Stoneham Way SB Ahead	U	A		1	62	-	-	813	1846	1067	76.2%	-	-	-	5.5	24.3	20.1
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	62:32	-	Y:Y	487	1917:1759	408+416	59.1 : 59.1%	-	-	-	3.7	27.3	6.8
7/1	Wide Lane Right Ahead Left	U	H		1	55	-	-	329	1400	719	45.7%	-	-	-	1.6	17.6	3.1
8/1	Wide Lane Ahead	O	-		-	-	-	-	384	1915	1232	28.1%	346	0	0	0.3	2.8	7.7
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	750	0.0%	0	0	0	0.0	0.0	0.0

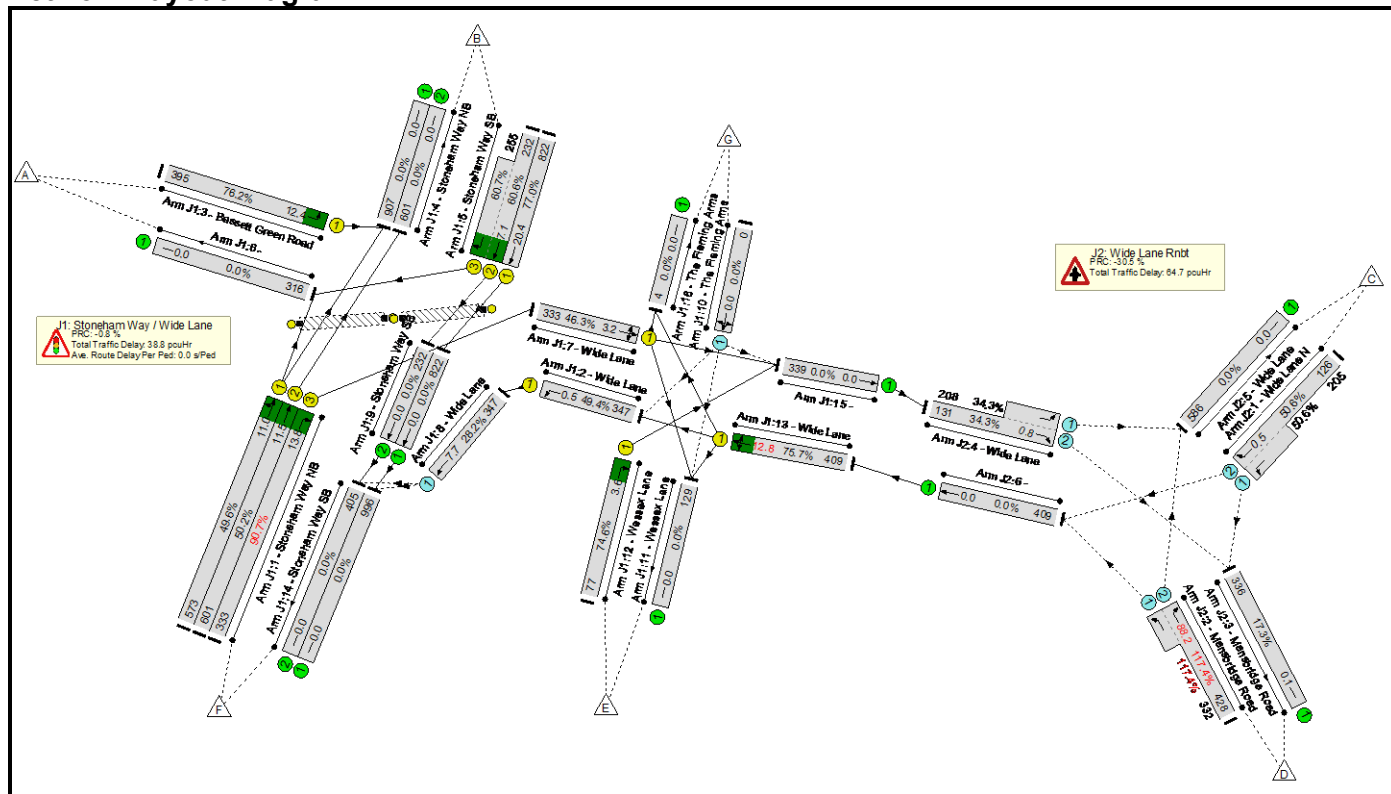
Basic Results Summary

12/1	Wessex Lane Right	U	G		1	7	-	Y	76	1876	103	73.6%	-	-	-	2.3	111.1	3.5
13/1	Wide Lane Ahead Left Right	U	F		1	32	-	Y	451	1839	540	75.3%	-	-	-	5.4	48.1	12.6
Ped Link: P1	Unnamed Ped Link	-	K		1	32	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	32	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	115.4%	2586	0	0	55.9	-	-
1/2+1/1	Wide Lane N Left Right	O	-		-	-	-	-	315	2010:2010	238+392	49.9 : 49.9%	630	0	0	0.5	5.7	0.5
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	717	1798:1798	334+288	115.4 : 115.4%	1288	0	0	55.0	276.1	80.5
3/1	Mansbridge Road	U	-		-	-	-	-	345	1940	1940	17.8%	-	-	-	0.1	1.1	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	334	1930:1930	397+493	37.5 : 37.5%	668	0	0	0.3	3.3	1.4
C1 - Bassett Green Road / Wessex Lane PRC for Signalled Lanes (%): 0.4 PRC Over All Lanes (%): -28.3 Total Delay for Signalled Lanes (pcuHr): 37.66 Total Delay Over All Lanes(pcuHr): 93.84 Cycle Time (s): 109																		

Basic Results Summary

Scenario 3: '2028 DS PM' (FG3: '2028 DS PM ', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

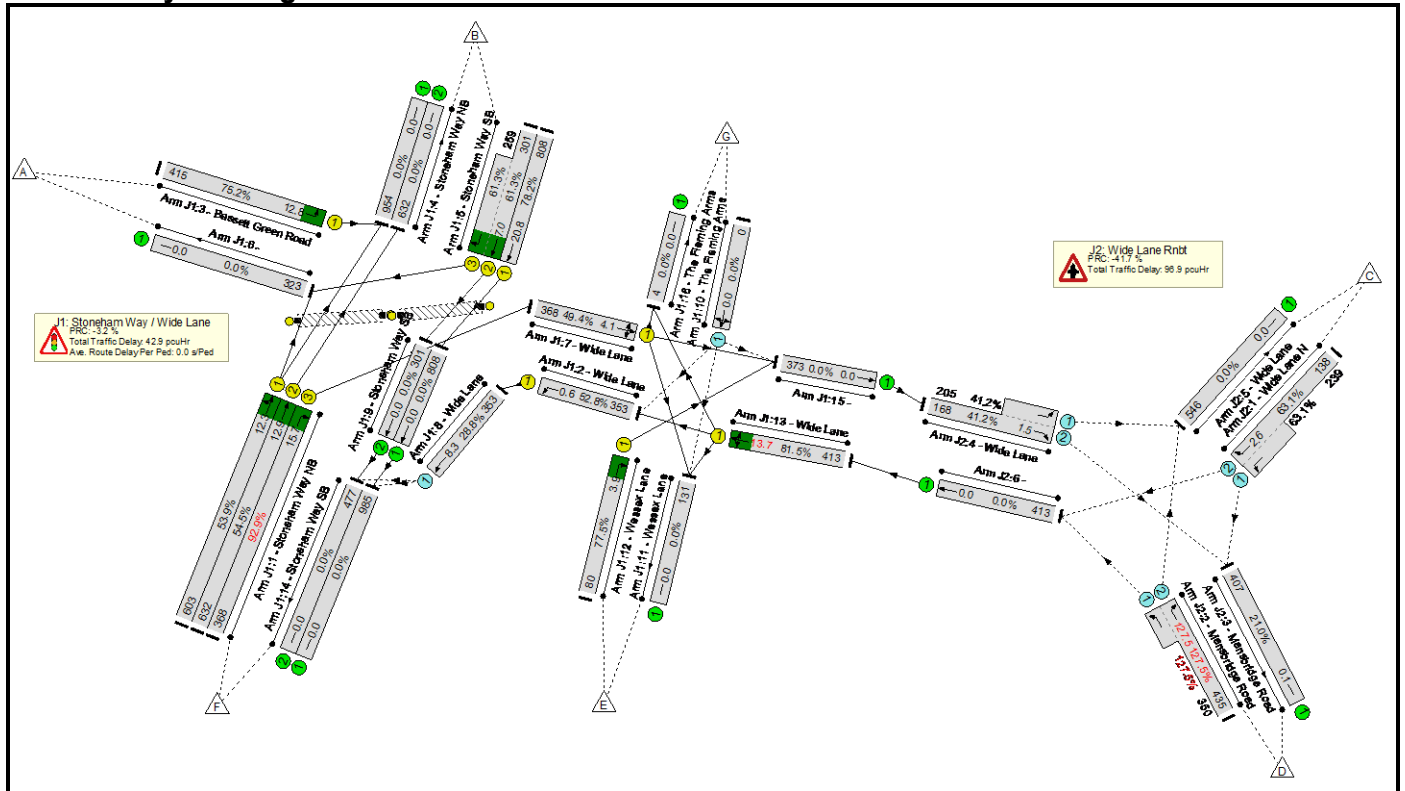
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Bonus Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	-	117.4%	3008	0	0	103.5	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	90.7%	347	0	0	38.8	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	62	-	Y	573	2066	1156	49.6%	-	-	-	2.8	17.7	11.0
1/2	Stoneham Way NB Ahead	U	B		1	62	-	Y	601	2141	1198	50.2%	-	-	-	3.0	17.7	11.5
1/3	Stoneham Way NB Right	U	C		1	25	-	Y	333	1600	367	90.7%	-	-	-	7.8	83.8	13.8
2/1	Wide Lane Left	U	I		1	39	-	-	389	1915	703	49.4%	-	-	-	0.5	5.2	0.5
3/1	Bassett Green Road Left	U	E		1	32	-	Y	395	1822	518	76.2%	-	-	-	5.5	49.9	12.4
5/1	Stoneham Way SB Ahead	U	A		1	62	-	-	822	1846	1067	77.0%	-	-	-	5.7	24.7	20.4
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	62:32	-	Y:Y	487	1917:1759	383+420	60.6 : 60.7%	-	-	-	3.8	28.1	7.1
7/1	Wide Lane Right Ahead Left	U	H		1	55	-	-	333	1400	719	46.3%	-	-	-	1.7	18.1	3.2
8/1	Wide Lane Ahead	O	-		-	-	-	-	389	1915	1231	28.2%	347	0	0	0.3	2.9	7.7
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	748	0.0%	0	0	0	0.0	0.0	0.0

Basic Results Summary

12/1	Wessex Lane Right	U	G		1	7	-	Y	77	1876	103	74.6%	-	-	-	2.4	113.0	3.6
13/1	Wide Lane Ahead Left Right	U	F		1	32	-	Y	458	1839	540	75.7%	-	-	-	5.5	48.4	12.8
Ped Link: P1	Unnamed Ped Link	-	K		1	32	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	32	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	117.4%	2661	0	0	64.7	-	-
1/2+1/1	Wide Lane N Left Right	O	-		-	-	-	-	331	2010:2010	249+405	50.6 : 50.6%	662	0	0	0.5	5.5	0.5
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	760	1798:1798	365+283	117.4 : 117.4%	1321	0	0	63.8	302.4	88.2
3/1	Mansbridge Road	U	-		-	-	-	-	336	1940	1940	17.3%	-	-	-	0.1	1.1	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	339	1930:1930	382+606	34.3 : 34.3%	678	0	0	0.3	2.8	0.8
C1 - Bassett Green Road / Wessex Lane PRC for Signalled Lanes (%): -0.8 PRC Over All Lanes (%): -30.5 Total Delay for Signalled Lanes (pcuHr): 38.54 Total Delay Over All Lanes(pcuHr): 103.53 Cycle Time (s): 109																		

Network Layout Diagram



Basic Results Summary

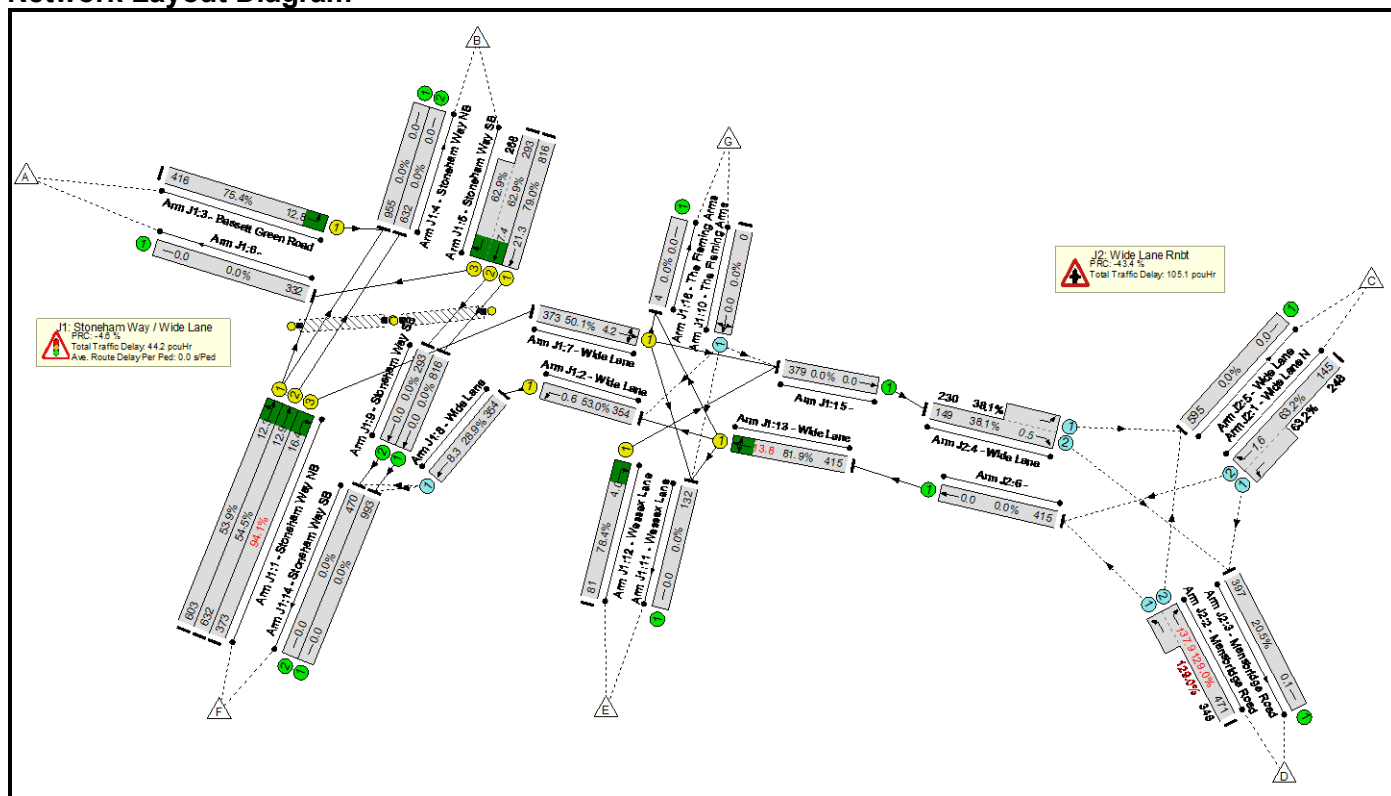
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Bonus Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	-	127.5%	3084	0	0	139.9	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	92.9%	353	0	0	42.9	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	60	-	Y	603	2066	1118	53.9%	-	-	-	3.3	19.7	12.3
1/2	Stoneham Way NB Ahead	U	B		1	60	-	Y	632	2141	1159	54.5%	-	-	-	3.5	19.7	12.9
1/3	Stoneham Way NB Right	U	C		1	27	-	Y	368	1600	396	92.9%	-	-	-	8.9	87.4	15.7
2/1	Wide Lane Left	U	I		1	37	-	-	417	1915	668	52.8%	-	-	-	0.6	5.9	0.6
3/1	Bassett Green Road Left	U	E		1	34	-	Y	415	1822	552	75.2%	-	-	-	5.4	47.2	12.8
5/1	Stoneham Way SB Ahead	U	A		1	60	-	-	808	1846	1033	78.2%	-	-	-	6.0	26.7	20.8
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	60:34	-	Y:Y	560	1917:1759	491+422	61.3 : 61.3%	-	-	-	4.1	26.4	7.0
7/1	Wide Lane Right Ahead Left	U	H		1	57	-	-	368	1400	745	49.4%	-	-	-	1.8	17.9	4.1
8/1	Wide Lane Ahead	O	-		-	-	-	-	417	1915	1226	28.8%	353	0	0	0.3	3.2	8.3
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	734	0.0%	0	0	0	0.0	0.0	0.0

Basic Results Summary

12/1	Wessex Lane Right	U	G		1	7	-	Y	80	1876	103	77.5%	-	-	-	2.7	119.3	3.9
13/1	Wide Lane Ahead Left Right	U	F		1	30	-	Y	488	1839	506	81.5%	-	-	-	6.3	55.3	13.7
Ped Link: P1	Unnamed Ped Link	-	K		1	34	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	34	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	127.5%	2731	0	0	96.9	-	-
1/2+1/1	Wide Lane N Left Right	O	-		-	-	-	-	377	2010:2010	219+379	63.1 : 63.1%	754	0	0	0.9	8.3	2.6
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	785	1798:1798	341+275	127.5 : 127.5%	1231	0	0	95.6	438.3	127.5
3/1	Mansbridge Road	U	-		-	-	-	-	407	1940	1940	21.0%	-	-	-	0.1	1.2	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	373	1930:1930	408+497	41.2 : 41.2%	746	0	0	0.4	3.4	1.5
C1 - Bassett Green Road / Wessex Lane PRC for Signalled Lanes (%): -3.2 PRC Over All Lanes (%): -41.7 Total Delay for Signalled Lanes (pcuHr): 42.61 Total Delay Over All Lanes(pcuHr): 139.86 Cycle Time (s): 109																		

Network Layout Diagram



Basic Results Summary

Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Bonus Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	-	129.0%	3167	0	0	149.2	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	94.1%	354	0	0	44.2	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	60	-	Y	603	2066	1118	53.9%	-	-	-	3.3	19.7	12.3
1/2	Stoneham Way NB Ahead	U	B		1	60	-	Y	632	2141	1159	54.5%	-	-	-	3.5	19.7	12.9
1/3	Stoneham Way NB Right	U	C		1	27	-	Y	373	1600	396	94.1%	-	-	-	9.6	92.8	16.4
2/1	Wide Lane Left	U	I		1	37	-	-	421	1915	668	53.0%	-	-	-	0.6	5.9	0.6
3/1	Bassett Green Road Left	U	E		1	34	-	Y	416	1822	552	75.4%	-	-	-	5.5	47.3	12.8
5/1	Stoneham Way SB Ahead	U	A		1	60	-	-	816	1846	1033	79.0%	-	-	-	6.1	27.1	21.3
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	60:34	-	Y:Y	561	1917:1759	466+426	62.9 : 62.9%	-	-	-	4.2	27.0	7.4
7/1	Wide Lane Right Ahead Left	U	H		1	57	-	-	373	1400	745	50.1%	-	-	-	1.9	18.4	4.2
8/1	Wide Lane Ahead	O	-		-	-	-	-	421	1915	1225	28.9%	354	0	0	0.3	3.3	8.3
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	732	0.0%	0	0	0	0.0	0.0	0.0

Basic Results Summary

12/1	Wessex Lane Right	U	G		1	7	-	Y	81	1876	103	78.4%	-	-	-	2.7	121.6	4.0
13/1	Wide Lane Ahead Left Right	U	F		1	30	-	Y	493	1839	506	81.9%	-	-	-	6.4	55.8	13.8
Ped Link: P1	Unnamed Ped Link	-	K		1	34	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	34	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	129.0%	2813	0	0	105.1	-	-
1/2+1/1	Wide Lane N Left Right	O	-		-	-	-	-	393	2010:2010	229+392	63.2 : 63.2%	786	0	0	0.9	7.8	1.6
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	819	1798:1798	365+270	129.0 : 129.0%	1269	0	0	103.8	456.1	137.9
3/1	Mansbridge Road	U	-		-	-	-	-	397	1940	1940	20.5%	-	-	-	0.1	1.2	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	379	1930:1930	391+603	38.1 : 38.1%	758	0	0	0.3	2.9	0.5
C1 - Bassett Green Road / Wessex Lane PRC for Signalled Lanes (%): -4.6 PRC Over All Lanes (%): -43.4 Total Delay for Signalled Lanes (pcuHr): 43.84 Total Delay Over All Lanes(pcuHr): 149.22 Cycle Time (s): 109																		