

Basic Results Summary

User and Project Details

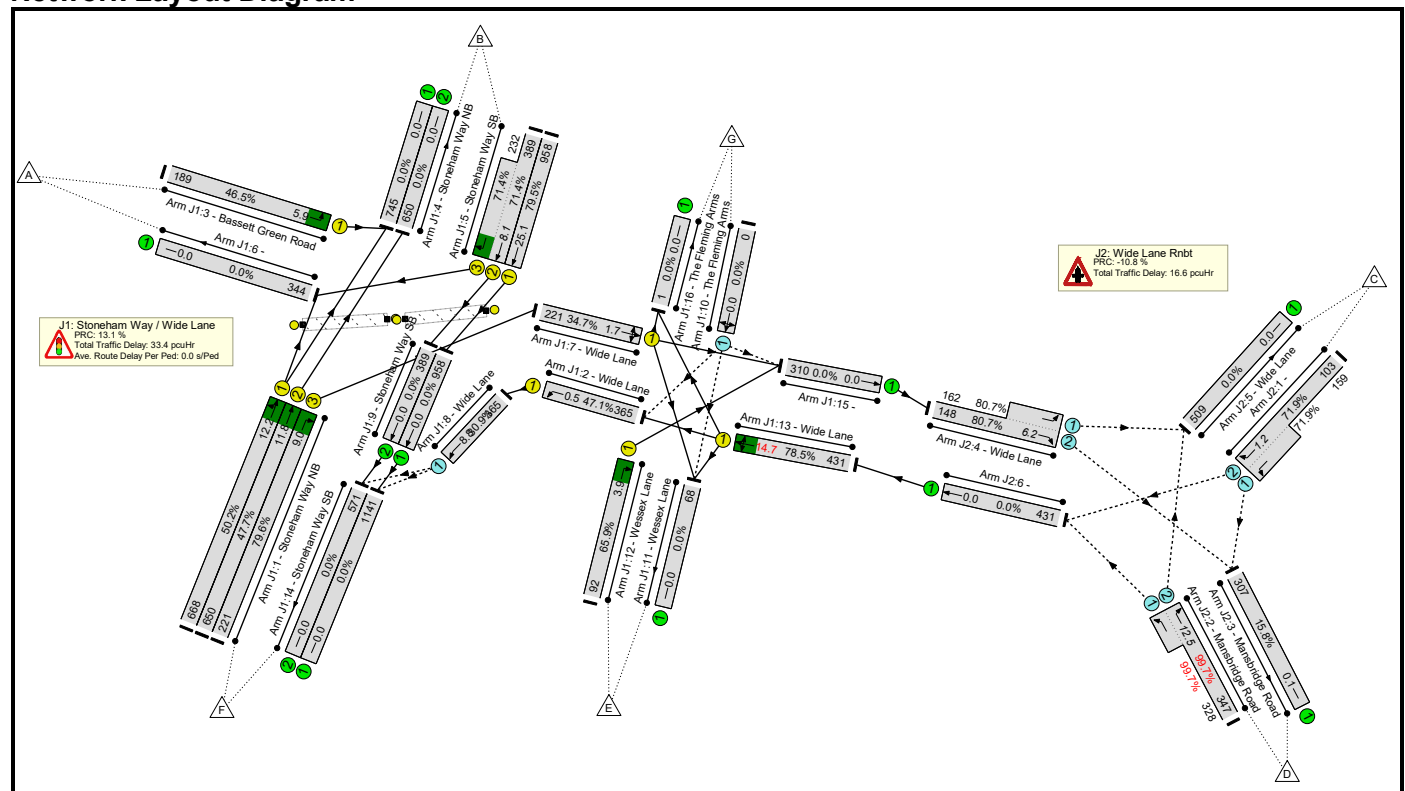
Project:	
Title:	
Location:	
Additional detail:	
File name:	J07_StonehamWy-WideLn_update_AM_v02.lsg3x
Author:	
Company:	
Address:	
Linsig Version:	3, 3, 0, 6

Scenarios

Number	Scenario Name	Flow Group	Network Control Plan	Time	Cycle Time (s)	PRC (%)	Delay (pcuHr)
1	2025 Base AM	2025 Base AM	Network Control Plan 1	07:30 - 08:30	121	-10.8	49.98
2	2028 DM AM	2028 DM AM	Network Control Plan 1	07:30 - 08:30	121	-16.1	62.65
3	2028 DS AM	2028 DS AM	Network Control Plan 1	07:30 - 08:30	121	-17.8	73.08
4	2036 DM AM	2036 DM AM	Network Control Plan 1	07:30 - 08:30	121	-27.6	104.94
5	2036 DS AM	2036 DS AM	Network Control Plan 1	07:30 - 08:30	121	-28.9	118.79

Scenario 1: '2025 Base AM' (FG1: '2025 Base AM', 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	-	-	-		-	-	-	-	-	-	-	99.7%	2859	0	0	50.0	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	79.6%	365	0	0	33.4	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	78	-	Y	668	2066	1332	50.2%	-	-	-	2.6	14.0	12.2
1/2	Stoneham Way NB Ahead	U	B		1	78	-	Y	650	2141	1362	47.7%	-	-	-	2.5	14.0	11.8
1/3	Stoneham Way NB Right	U	C		1	21	-	Y	221	1600	278	79.6%	-	-	-	4.8	77.8	9.0
2/1	Wide Lane Left	U	I		1	48	-	-	365	1915	775	47.1%	-	-	-	0.5	4.5	0.5
3/1	Bassett Green Road Left	U	E		1	28	-	Y	189	1822	407	46.5%	-	-	-	2.6	49.0	5.9
5/1	Stoneham Way SB Ahead	U	A		1	78	-	-	958	1846	1205	79.5%	-	-	-	5.9	22.3	25.1
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	78:28	-	-:Y	621	1917:1759	545+325	71.4 : 71.4%	-	-	-	4.9	28.3	8.1
7/1	Wide Lane Right Ahead Left	U	H		1	54	-	-	221	1400	636	34.7%	-	-	-	1.0	15.8	1.7
8/1	Wide Lane Ahead	O	-		-	-	-	-	365	1915	1182	30.9%	365	0	0	0.3	2.9	8.8
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	766	0.0%	0	0	0	0.0	0.0	0.0
12/1	Wessex Lane Right	U	G		1	11	-	Y	92	1876	140	65.9%	-	-	-	2.3	91.0	3.9

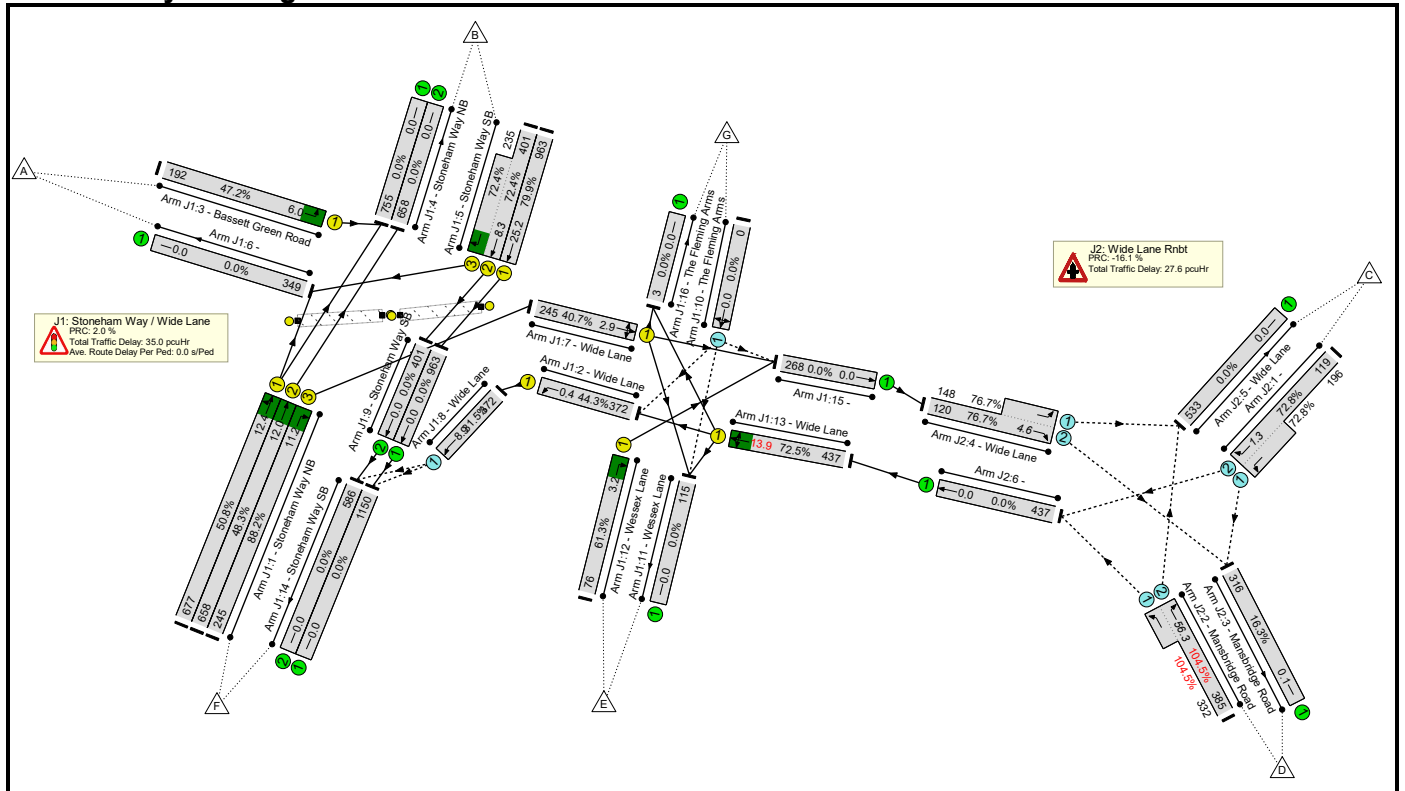
Basic Results Summary

13/1	Wide Lane Ahead Left Right	U	F		1	41	-	Y	431	1620	549	78.5%	-	-	-	6.1	50.9	14.7
Ped Link: P1	Unnamed Ped Link	-	K		1	28	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	28	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	99.7%	2494	0	0	16.6	-	-
1/2+1/1	Left Right	O	-		-	-	-	-	262	2010:2010	143+221	71.9 : 71.9%	524	0	0	1.2	17.2	1.2
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	675	1798:1798	348+329	99.7 : 99.7%	1350	0	0	12.5	66.9	12.5
3/1	Mansbridge Road	U	-		-	-	-	-	307	1940	1940	15.8%	-	-	-	0.1	1.1	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	310	1930:1930	183+201	80.7 : 80.7%	620	0	0	2.7	31.1	6.2
C1 - Bassett Green Road / Wessex Lane PRC for Signalled Lanes (%): 13.1 PRC Over All Lanes (%): -10.8 Total Delay for Signalled Lanes (pcuHr): 33.13 Total Delay Over All Lanes(pcuHr): 49.98 Cycle Time (s): 121																		

Basic Results Summary

Scenario 2: '2028 DM AM' (FG2: '2028 DM AM', 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	-	-	-		-	-	-	-	-	-	-	104.5%	2944	0	0	62.7	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	88.2%	372	0	0	35.0	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	78	-	Y	677	2066	1332	50.8%	-	-	-	2.7	14.1	12.4
1/2	Stoneham Way NB Ahead	U	B		1	78	-	Y	658	2141	1362	48.3%	-	-	-	2.6	14.1	12.0
1/3	Stoneham Way NB Right	U	C		1	21	-	Y	245	1600	278	88.2%	-	-	-	6.5	95.0	11.2
2/1	Wide Lane Left	U	I		1	52	-	-	384	1915	839	44.3%	-	-	-	0.4	4.0	0.4
3/1	Bassett Green Road Left	U	E		1	28	-	Y	192	1822	407	47.2%	-	-	-	2.6	49.2	6.0
5/1	Stoneham Way SB Ahead	U	A		1	78	-	-	963	1846	1205	79.9%	-	-	-	6.0	22.6	25.2
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	78:28	-	-:Y	636	1917:1759	554+324	72.4 : 72.4%	-	-	-	5.0	28.4	8.3
7/1	Wide Lane Right Ahead Left	U	H		1	51	-	-	245	1400	602	40.7%	-	-	-	1.7	25.2	2.9
8/1	Wide Lane Ahead	O	-		-	-	-	-	384	1915	1180	31.5%	372	0	0	0.3	3.3	8.9
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	772	0.0%	0	0	0	0.0	0.0	0.0

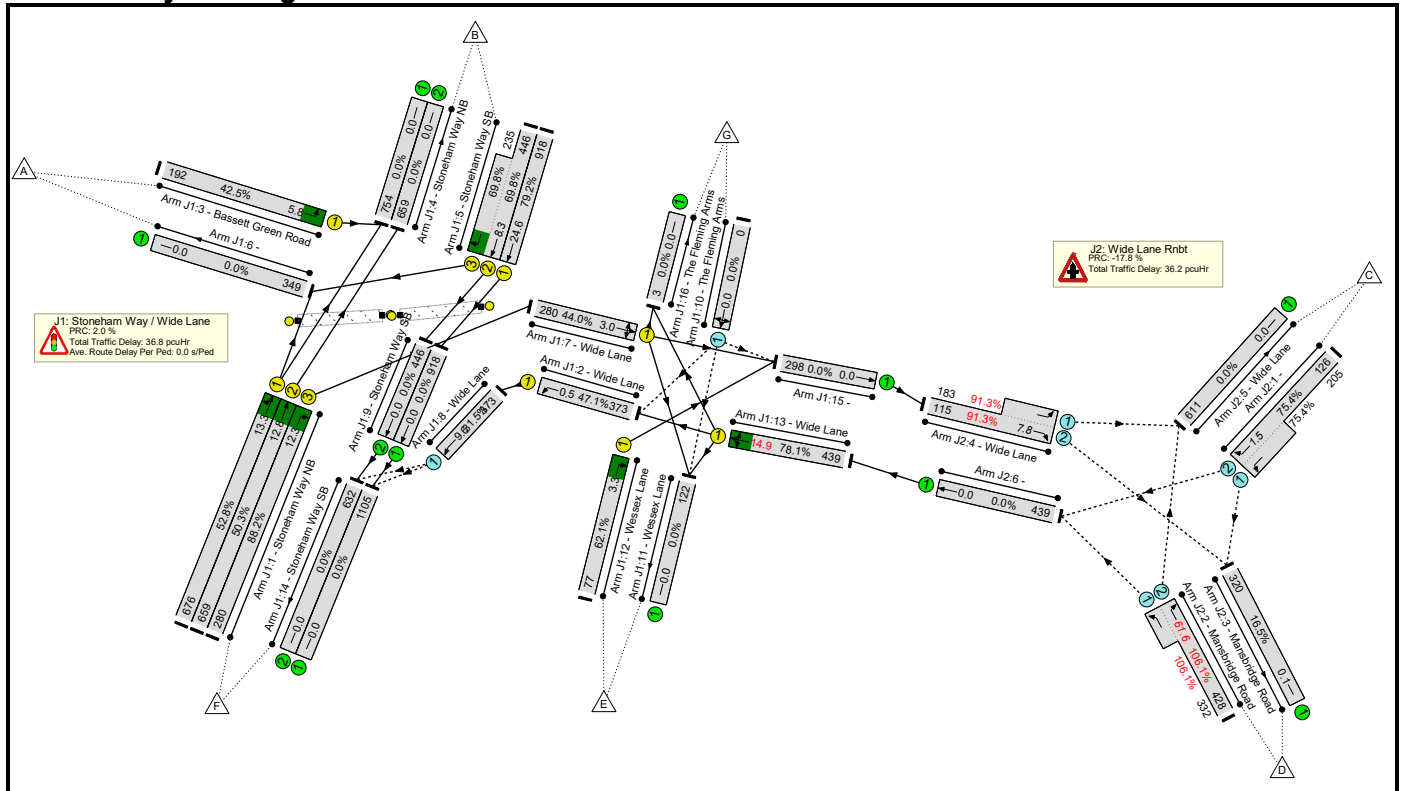
Basic Results Summary

12/1	Wessex Lane Right	U	G		1	10	-	Y	76	1876	124	61.3%	-	-	-	1.9	91.3	3.2
13/1	Wide Lane Ahead Left Right	U	F		1	45	-	Y	451	1620	602	72.5%	-	-	-	5.3	43.4	13.9
Ped Link: P1	Unnamed Ped Link	-	K		1	28	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	28	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	104.5%	2572	0	0	27.6	-	-
1/2+1/1	Left Right	O	-		-	-	-	-	315	2010:2010	163+269	72.8 : 72.8%	630	0	0	1.3	15.0	1.3
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	717	1798:1798	369+318	104.5 : 104.5%	1406	0	0	24.2	121.7	56.3
3/1	Mansbridge Road	U	-		-	-	-	-	316	1940	1940	16.3%	-	-	-	0.1	1.1	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	268	1930:1930	156+193	76.7 : 76.7%	536	0	0	2.0	26.6	4.6
C1 - Bassett Green Road / Wessex Lane				PRC for Signalled Lanes (%): 2.0				Total Delay for Signalled Lanes (pcuHr): 34.69				Cycle Time (s): 121						
				PRC Over All Lanes (%): -16.1				Total Delay Over All Lanes(pcuHr): 62.65										

Basic Results Summary

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

Network Layout Diagram



Basic Results Summary

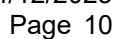
Network Results

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	-	-	-		-	-	-	-	-	-	-	106.1%	3113	0	0	73.1	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	88.2%	373	0	0	36.8	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	75	-	Y	676	2066	1281	52.8%	-	-	-	3.0	16.0	13.3
1/2	Stoneham Way NB Ahead	U	B		1	75	-	Y	659	2141	1309	50.3%	-	-	-	2.9	16.0	12.8
1/3	Stoneham Way NB Right	U	C		1	24	-	Y	280	1600	317	88.2%	-	-	-	6.9	88.3	12.3
2/1	Wide Lane Left	U	I		1	49	-	-	389	1915	791	47.1%	-	-	-	0.5	4.5	0.5
3/1	Bassett Green Road Left	U	E		1	31	-	Y	192	1822	452	42.5%	-	-	-	2.4	45.2	5.8
5/1	Stoneham Way SB Ahead	U	A		1	75	-	-	918	1846	1159	79.2%	-	-	-	6.1	24.0	24.6
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	75:31	-	-:Y	681	1917:1759	639+337	69.8 : 69.8%	-	-	-	5.0	26.5	8.3
7/1	Wide Lane Right Ahead Left	U	H		1	54	-	-	280	1400	636	44.0%	-	-	-	1.7	21.8	3.0
8/1	Wide Lane Ahead	O	-		-	-	-	-	389	1915	1184	31.5%	373	0	0	0.3	3.3	9.6
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	758	0.0%	0	0	0	0.0	0.0	0.0

Basic Results Summary

12/1	Wessex Lane Right	U	G		1	10	-	Y	77	1876	124	62.1%	-	-	-	2.0	92.1	3.3
13/1	Wide Lane Ahead Left Right	U	F		1	42	-	Y	458	1620	562	78.1%	-	-	-	6.0	49.6	14.9
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	-	-	-		-	-	-	-	-	-	-	106.1%	2740	0	0	36.2	-	-
1/2+1/1	Left Right	O	-		-	-	-	-	331	2010:2010	167+272	75.4 : 75.4%	662	0	0	1.5	16.2	1.5
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	760	1798:1798	404+313	106.1 : 106.1%	1482	0	0	30.0	142.1	61.6
3/1	Mansbridge Road	U	-		-	-	-	-	320	1940	1940	16.5%	-	-	-	0.1	1.1	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	298	1930:1930	126+200	91.3 : 91.3%	596	0	0	4.6	56.2	7.8
C1 - Bassett Green Road / Wessex Lane				PRC for Signalled Lanes (%): 2.0				Total Delay for Signalled Lanes (pcuHr): 36.50				Cycle Time (s): 121						
				PRC Over All Lanes (%): -17.8				Total Delay Over All Lanes(pcuHr): 73.08										

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	-	-	-		-	-	-	-	-	-	-	114.9%	3115	0	0	104.9	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	84.3%	378	0	0	38.9	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	74	-	Y	710	2066	1264	56.2%	-	-	-	3.4	17.2	14.6
1/2	Stoneham Way NB Ahead	U	B		1	74	-	Y	695	2141	1292	53.8%	-	-	-	3.3	17.1	14.3
1/3	Stoneham Way NB Right	U	C		1	25	-	Y	276	1600	331	83.5%	-	-	-	5.9	76.4	11.2
2/1	Wide Lane Left	U	I		1	48	-	-	417	1915	775	48.8%	-	-	-	0.5	4.7	0.5
3/1	Bassett Green Road Left	U	E		1	32	-	Y	202	1822	467	43.3%	-	-	-	2.5	44.4	6.0
5/1	Stoneham Way SB Ahead	U	A		1	74	-	-	965	1846	1144	84.3%	-	-	-	7.5	28.1	28.3
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	74:32	-	-:Y	718	1917:1759	652+342	72.3 : 72.3%	-	-	-	5.4	27.2	9.1
7/1	Wide Lane Right Ahead Left	U	H		1	55	-	-	276	1400	648	42.6%	-	-	-	1.5	19.2	2.6
8/1	Wide Lane Ahead	O	-		-	-	-	-	417	1915	1170	32.3%	378	0	0	0.4	4.1	10.4
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	756	0.0%	0	0	0	0.0	0.0	0.0

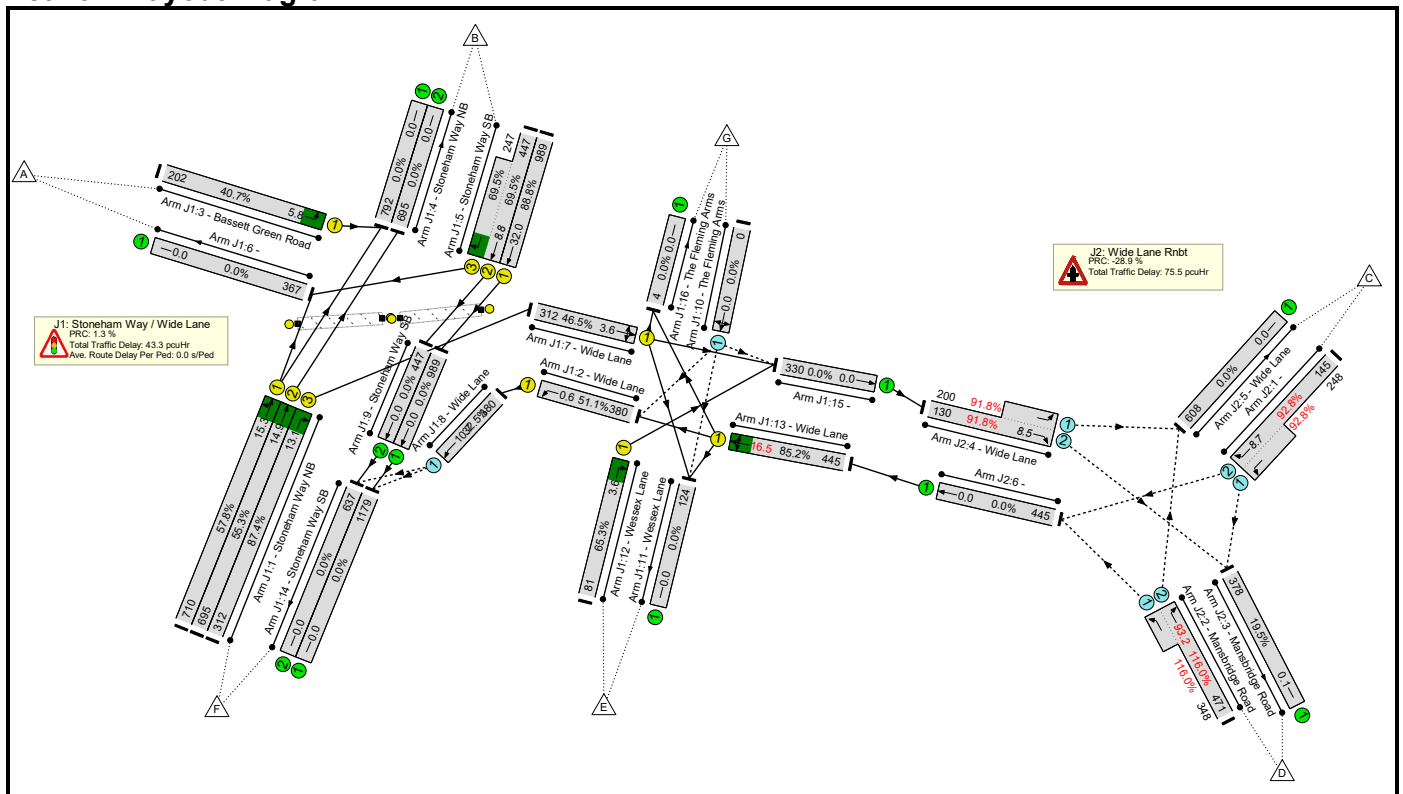
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12/1	Wessex Lane Right	U	G		1	10	-	Y	80	1876	124	64.5%	-	-	-	2.1	94.4	3.5
13/1	Wide Lane Ahead Left Right	U	F		1	41	-	Y	488	1620	549	80.7%	-	-	-	6.4	52.4	15.5
Ped Link: P1	Unnamed Ped Link	-	K		1	32	-	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	K		1	32	-	-	0	-	0	0.0%	-	-	-	-	-	-
J2: Wide Lane Rnbt	-	-	-		-	-	-	-	-	-	-	114.9%	2737	0	0	66.0	-	-
1/2+1/1	Left Right	O	-		-	-	-	-	377	2010:2010	153+264	90.4 : 90.4%	754	0	0	4.1	38.8	6.3
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	785	1798:1798	379+305	114.9 : 114.9%	1383	0	0	58.6	268.9	88.1
3/1	Mansbridge Road	U	-		-	-	-	-	374	1940	1940	19.3%	-	-	-	0.1	1.1	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	300	1930:1930	161+197	83.9 : 83.9%	600	0	0	3.2	38.3	6.0
C1 - Bassett Green Road / Wessex Lane PRC for Signalled Lanes (%): 6.7 PRC Over All Lanes (%): -27.6 Total Delay for Signalled Lanes (pcuHr): 38.49 Total Delay Over All Lanes(pcuHr): 104.94 Cycle Time (s): 121																		

Basic Results Summary

Scenario 5: '2036 DS AM' (FG5: '2036 DS AM', 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	-	-	-		-	-	-	-	-	-	-	116.0%	3242	0	0	118.8	-	-
J1: Stoneham Way / Wide Lane	-	-	-		-	-	-	-	-	-	-	88.8%	380	0	0	43.3	-	-
1/1	Stoneham Way NB Ahead Left	U	B		1	72	-	Y	710	2066	1229	57.8%	-	-	-	3.7	18.6	15.3
1/2	Stoneham Way NB Ahead	U	B		1	72	-	Y	695	2141	1256	55.3%	-	-	-	3.6	18.5	14.9
1/3	Stoneham Way NB Right	U	C		1	27	-	Y	312	1600	357	87.4%	-	-	-	7.0	80.6	13.1
2/1	Wide Lane Left	U	I		1	46	-	-	421	1915	744	51.1%	-	-	-	0.5	5.1	0.6
3/1	Bassett Green Road Left	U	E		1	34	-	Y	202	1822	497	40.7%	-	-	-	2.4	42.1	5.8
5/1	Stoneham Way SB Ahead	U	A		1	72	-	-	989	1846	1114	88.8%	-	-	-	9.4	34.1	32.0
5/2+5/3	Stoneham Way SB Right Ahead	U	A D		1	72:34	-	-:Y	694	1917:1759	643+355	69.5 : 69.5%	-	-	-	5.2	26.8	8.8
7/1	Wide Lane Right Ahead Left	U	H		1	57	-	-	312	1400	671	46.5%	-	-	-	1.6	18.7	3.6
8/1	Wide Lane Ahead	O	-		-	-	-	-	421	1915	1168	32.5%	380	0	0	0.5	4.5	10.7
10/1	The Fleming Arms Right Ahead Left	O	-		-	-	-	-	0	1940	743	0.0%	0	0	0	0.0	0.0	0.0

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12/1	Wessex Lane Right	U	G		1	10	-	Y	81	1876	124	65.3%	-	-	-	2.1	95.3	3.6
13/1	Wide Lane Ahead Left Right	U	F		1	39	-	Y	493	1620	522	85.2%	-	-	-	7.4	59.8	16.5
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	-	-	-		-	-	-	-	-	-	-	116.0%	2862	0	0	75.5	-	-
1/2+1/1	Left Right	O	-		-	-	-	-	393	2010:2010	156+267	92.8 : 92.8%	786	0	0	5.1	46.5	8.7
2/2+2/1	Mansbridge Road Right Left	O	-		-	-	-	-	819	1798:1798	406+300	116.0 : 116.0%	1416	0	0	65.0	285.9	93.2
3/1	Mansbridge Road	U	-		-	-	-	-	378	1940	1940	19.5%	-	-	-	0.1	1.2	0.1
4/2+4/1	Wide Lane Right Left	O	-		-	-	-	-	330	1930:1930	142+218	91.8 : 91.8%	660	0	0	5.3	57.5	8.5
C1 - Bassett Green Road / Wessex Lane				PRC for Signalled Lanes (%): 1.3				Total Delay for Signalled Lanes (pcuHr): 42.82				Cycle Time (s): 121						
				PRC Over All Lanes (%): -28.9				Total Delay Over All Lanes(pcuHr): 118.79										