

Basic Results Summary

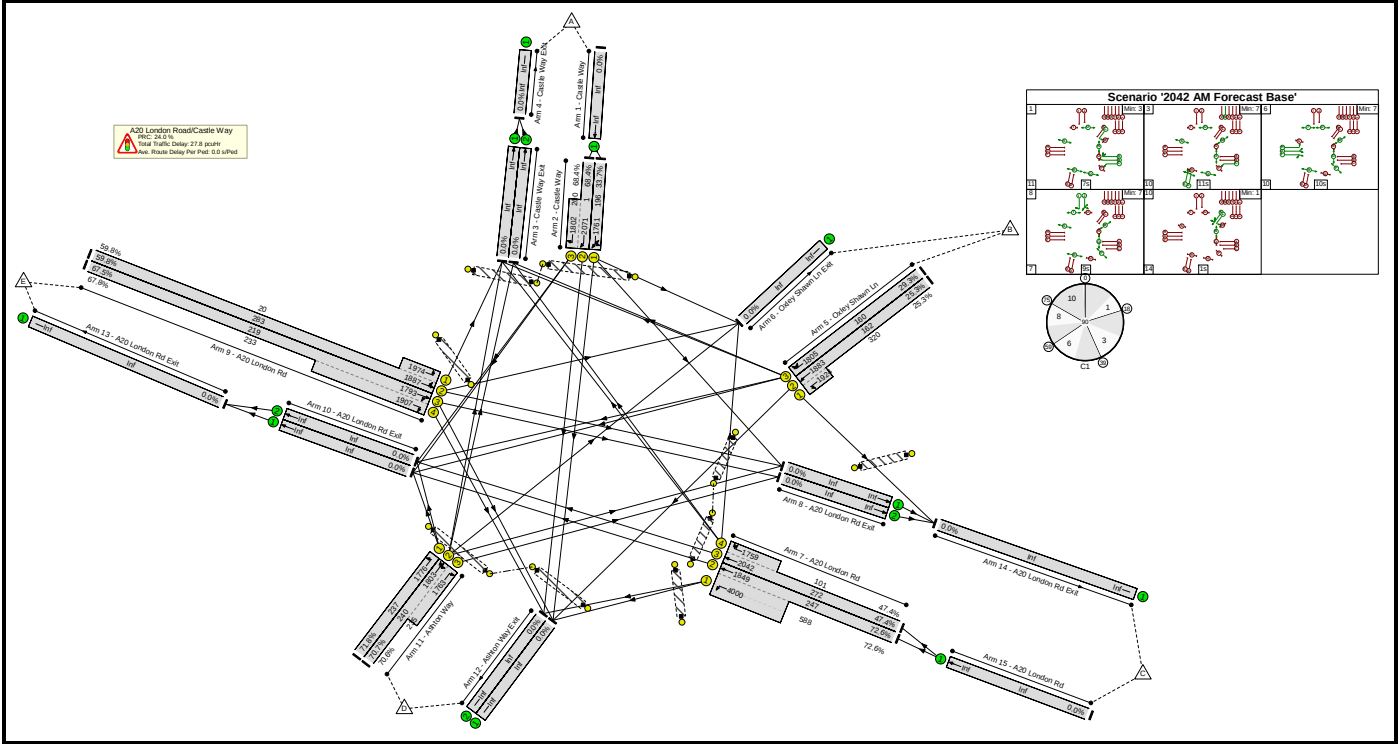
Basic Results Summary

User and Project Details

Project:	
Title:	
Location:	
Additional detail:	
File name:	J10 A20 Castle Way.lsg3x
Author:	
Company:	
Address:	

Scenario 1: '2042 AM Forecast Base' (FG1: '2042 AM Forecast Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

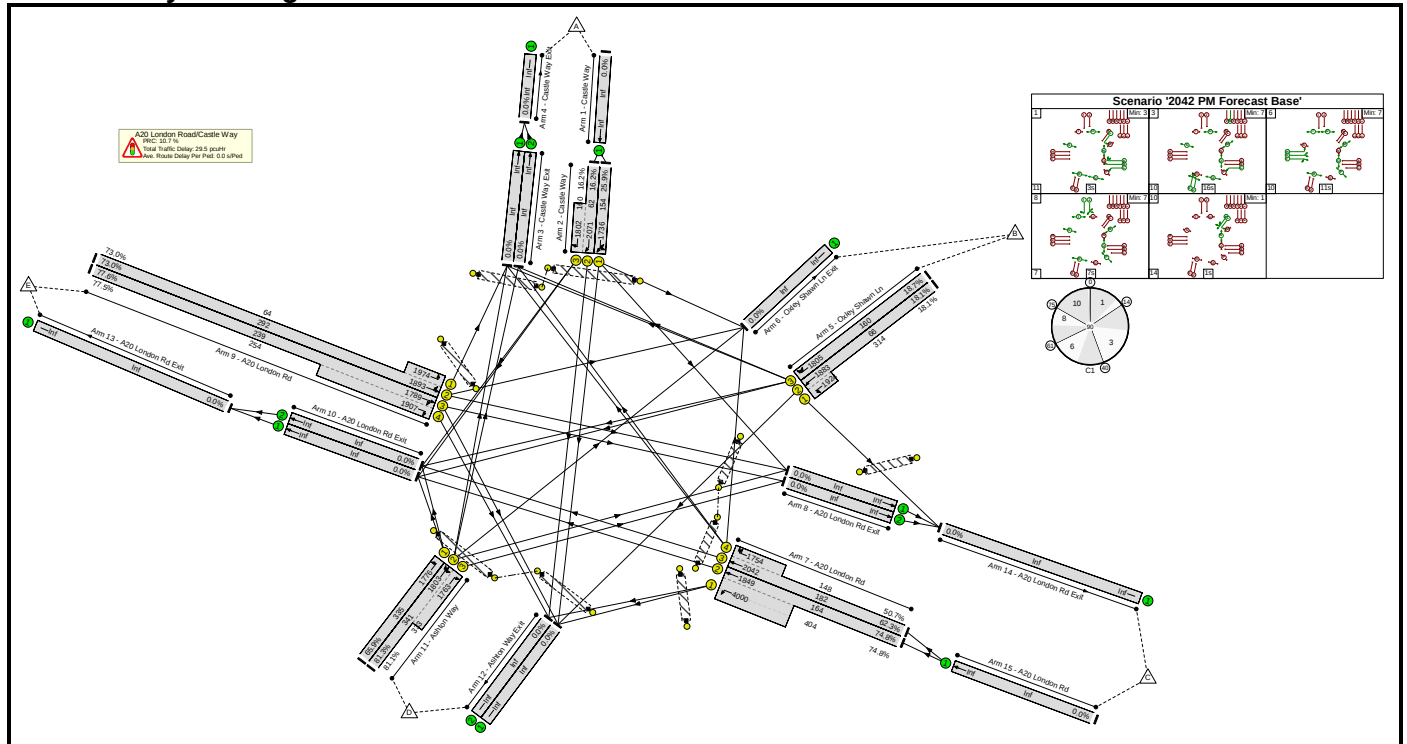
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	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	-	-	-		-	-	-	-	-	-	72.6%	0	0	0	27.8	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	72.6%	0	0	0	27.8	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	9	-	66	1761	196	33.7%	-	-	-	0.9	50.8	1.8
2/2+2/3	Castle Way Right Ahead	U	J I		1	9	-	138	2071:1802	1+200	68.4 : 68.4%	-	-	-	2.5	65.8	4.3
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:19	-	122	1883:1924	162+320	25.3 : 25.3%	-	-	-	1.2	36.7	1.8
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	47	1805	160	29.3%	-	-	-	0.7	54.2	1.3
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	11:29	-	606	1849:4000	247+588	72.6 : 72.6%	-	-	-	5.8	34.6	5.6
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	11:12	-	177	2042:1759	272+101	47.4 : 47.4%	-	-	-	2.2	44.6	3.4
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	13:10	-	181	1887:1974	283+20	59.8 : 59.8%	-	-	-	2.5	49.8	4.6
9/3+9/4	A20 London Rd Ahead Right	U	F		1	10	-	306	1793:1907	219+233	67.5 : 67.8%	-	-	-	4.2	49.9	4.8
11/1	Ashton Way Left	U	E		1	11	-	170	1776	237	71.8%	-	-	-	3.0	63.4	5.3
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	11	-	336	1803:1763	240+235	70.7 : 70.6%	-	-	-	4.7	50.0	5.2
Ped Link: P1	Unnamed Ped Link	-	M		1	52	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	52	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	31	-	0	-	0	0.0%	-	-	-	-	-	-

Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	28	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	49	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	50	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	26	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	59	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	23	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalised Lanes (%): 24.0 Total Delay for Signalised Lanes (pcuHr): 27.84 Cycle Time (s): 90 PRC Over All Lanes (%): 24.0 Total Delay Over All Lanes(pcuHr): 27.84																	

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)	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	-	-	-		-	-	-	-	-	-	81.3%	0	0	0	29.5	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	81.3%	0	0	0	29.5	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	7	-	40	1736	154	25.9%	-	-	-	0.6	53.9	1.1
2/2+2/3	Castle Way Right Ahead	U	J I		1	7	-	36	2071:1802	62+160	16.2 : 16.2%	-	-	-	0.5	47.6	0.7
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:15	-	69	1883:1924	66+314	18.1 : 18.1%	-	-	-	0.7	38.3	1.3
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	30	1805	160	18.7%	-	-	-	0.4	51.8	0.8
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	7:30	-	425	1849:4000	164+404	74.8 : 74.8%	-	-	-	4.6	38.8	4.4
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	7:8	-	188	2042:1754	182+148	62.3 : 50.7%	-	-	-	2.7	51.6	3.4
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	14:11	-	260	1893:1974	292+64	73.0 : 73.0%	-	-	-	3.9	53.3	6.3
9/3+9/4	A20 London Rd Ahead Right	U	F		1	11	-	382	1789:1907	239+254	77.6 : 77.5%	-	-	-	5.7	53.5	6.4
11/1	Ashton Way Left	U	E		1	16	-	221	1776	335	65.9%	-	-	-	3.0	49.3	6.0
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	16	-	547	1803:1763	341+333	81.3 : 81.1%	-	-	-	7.4	48.7	8.7
Ped Link: P1	Unnamed Ped Link	-	M		1	56	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	56	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	30	-	0	-	0	0.0%	-	-	-	-	-	-

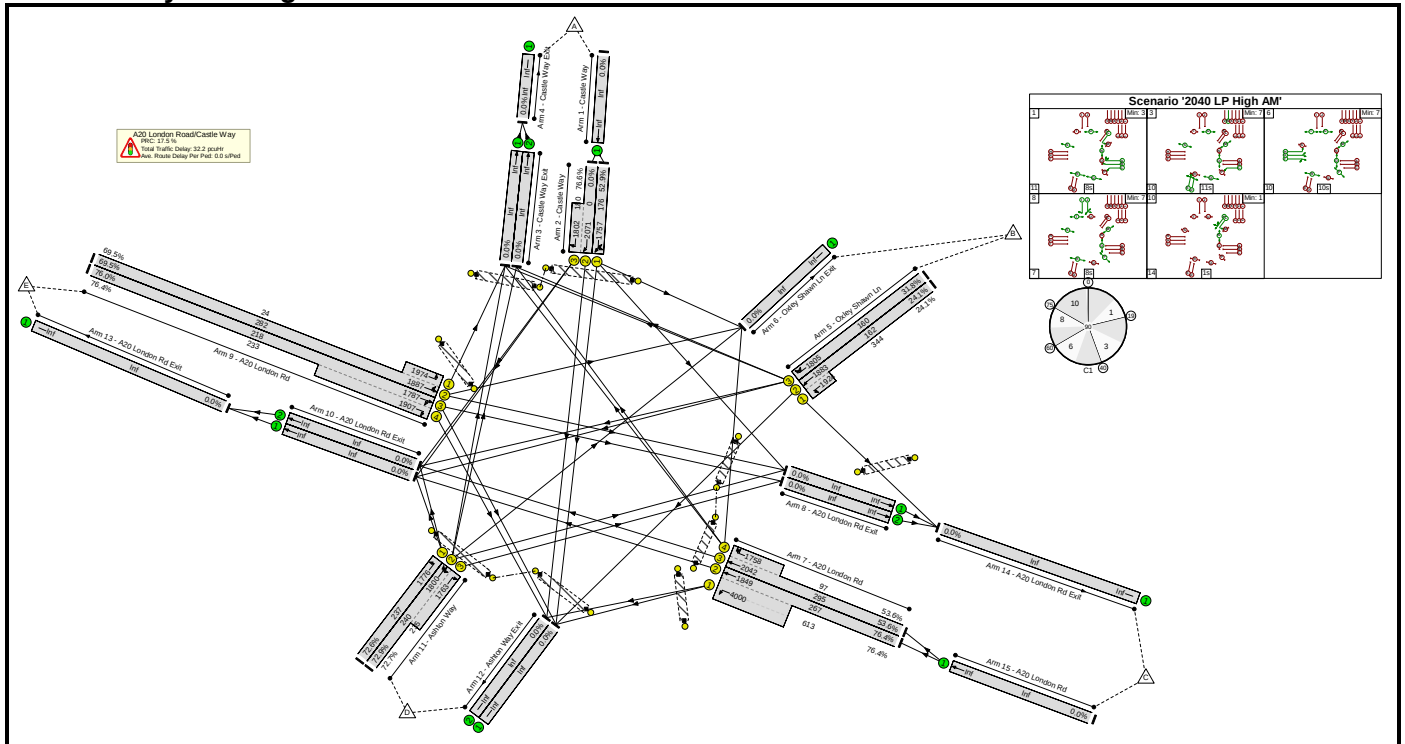
Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	29	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	44	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	49	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	25	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	61	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	19	-	0	-	0	0.0%	-	-	-	-	-	-
		C1	PRC for Signalised Lanes (%): PRC Over All Lanes (%):				10.7 10.7	Total Delay for Signalised Lanes (pcuHr): Total Delay Over All Lanes(pcuHr):				29.47 29.47	Cycle Time (s): 90				

Basic Results Summary

Scenario 3: '2040 LP High AM' (FG3: '2040 LP High 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)	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	-	-	-		-	-	-	-	-	-	76.6%	0	0	0	32.2	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	76.6%	0	0	0	32.2	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	8	-	93	1757	176	52.9%	-	-	-	1.5	60.0	2.8
2/2+2/3	Castle Way Right Ahead	U	J I		1	8	-	138	2071:1802	0+180	0.0 : 76.6%	-	-	-	3.0	79.3	4.9
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:20	-	122	1883:1924	162+344	24.1 : 24.1%	-	-	-	1.2	35.7	1.8
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	51	1805	160	31.8%	-	-	-	0.8	54.9	1.4
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	12:30	-	672	1849:4000	267+613	76.4 : 76.4%	-	-	-	6.5	35.0	6.5
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	12:13	-	210	2042:1758	295+97	53.6 : 53.6%	-	-	-	2.6	44.9	4.2
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	13:10	-	213	1887:1974	282+24	69.5 : 69.5%	-	-	-	3.2	54.6	5.7
9/3+9/4	A20 London Rd Ahead Right	U	F		1	10	-	344	1787:1907	218+233	76.0 : 76.4%	-	-	-	5.2	54.5	5.9
11/1	Ashton Way Left	U	E		1	11	-	172	1776	237	72.6%	-	-	-	3.1	64.2	5.4
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	11	-	346	1800:1763	240+235	72.9 : 72.7%	-	-	-	4.9	51.1	5.5
Ped Link: P1	Unnamed Ped Link	-	M		1	51	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	51	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	30	-	0	-	0	0.0%	-	-	-	-	-	-

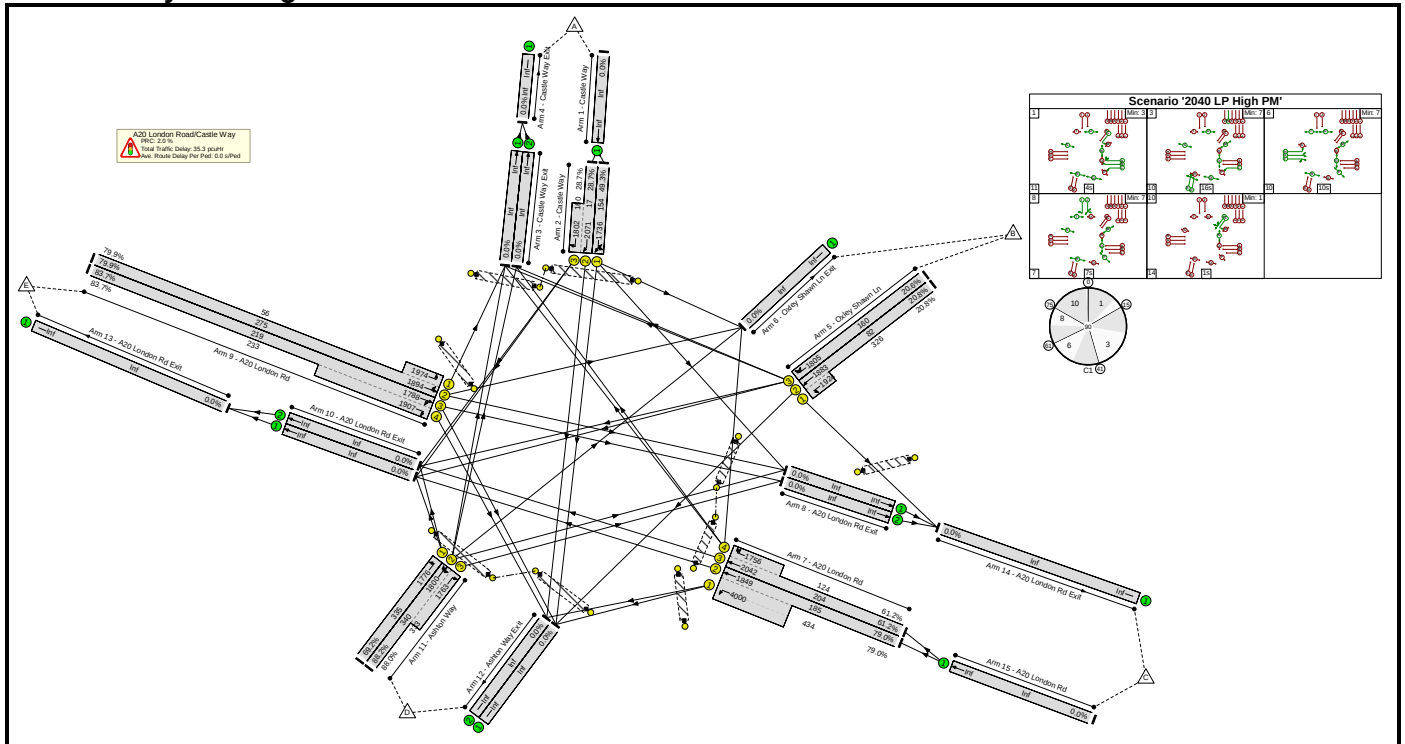
Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	29	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	49	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	50	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	25	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	60	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	24	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalled Lanes (%): 17.5 PRC Over All Lanes (%): 17.5 Total Delay for Signalled Lanes (pcuHr): 32.15 Total Delay Over All Lanes(pcuHr): 32.15 Cycle Time (s): 90																	

Basic Results Summary

Scenario 4: '2040 LP High PM' (FG4: '2040 LP Low 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)	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	-	-	-		-	-	-	-	-	-	88.2%	0	0	0	35.3	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	88.2%	0	0	0	35.3	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	7	-	76	1736	154	49.3%	-	-	-	1.3	61.8	2.3
2/2+2/3	Castle Way Right Ahead	U	J I		1	7	-	51	2071:1802	17+160	28.7 : 28.7%	-	-	-	0.7	52.5	1.3
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:16	-	85	1883:1924	82+326	20.8 : 20.8%	-	-	-	0.9	37.7	1.5
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	33	1805	160	20.6%	-	-	-	0.5	52.2	0.9
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	8:31	-	489	1849:4000	185+434	79.0 : 79.0%	-	-	-	5.4	39.6	5.4
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	8:9	-	201	2042:1756	204+124	61.2 : 61.2%	-	-	-	2.9	52.2	3.8
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	13:10	-	265	1894:1974	275+56	79.9 : 79.9%	-	-	-	4.5	61.7	7.2
9/3+9/4	A20 London Rd Ahead Right	U	F		1	10	-	378	1788:1907	219+233	83.7 : 83.7%	-	-	-	6.5	61.6	7.1
11/1	Ashton Way Left	U	E		1	16	-	232	1776	335	69.2%	-	-	-	3.3	51.1	6.4
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	16	-	593	1800:1763	340+333	88.2 : 88.0%	-	-	-	9.3	56.3	10.7
Ped Link: P1	Unnamed Ped Link	-	M		1	55	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	55	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	29	-	0	-	0	0.0%	-	-	-	-	-	-

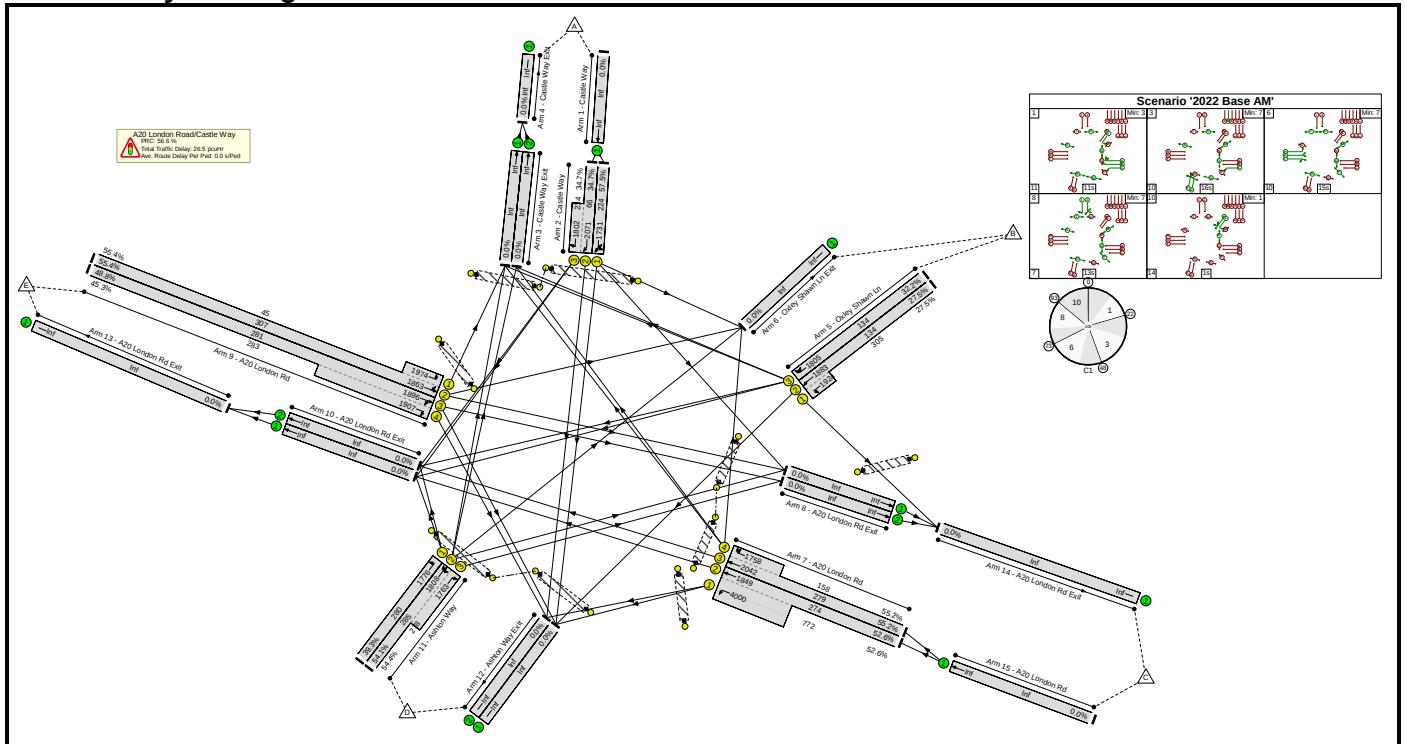
Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	30	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	44	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	50	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	24	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	61	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	20	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalised Lanes (%): 2.0 Total Delay for Signalised Lanes (pcuHr): 35.28 Cycle Time (s): 90 PRC Over All Lanes (%): 2.0 Total Delay Over All Lanes(pcuHr): 35.28																	

Basic Results Summary

Scenario 5: '2022 Base AM' (FG5: '2022 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)	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	-	-	-		-	-	-	-	-	-	57.5%	0	0	0	26.5	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	57.5%	0	0	0	26.5	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	13	-	129	1731	224	57.5%	-	-	-	2.3	62.8	4.3
2/2+2/3	Castle Way Right Ahead	U	J I		1	13	-	104	2071:1802	66+234	34.7 : 34.7%	-	-	-	1.5	51.7	2.5
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:23	-	121	1883:1924	134+305	27.5 : 27.5%	-	-	-	1.5	43.8	2.2
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	43	1805	134	32.2%	-	-	-	0.8	67.2	1.5
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	15:38	-	550	1849:4000	274+772	52.6 : 52.6%	-	-	-	5.0	32.9	4.8
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	15:16	-	241	2042:1758	279+158	55.2 : 55.2%	-	-	-	3.4	50.8	4.8
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	18:15	-	195	1863:1974	307+45	55.4 : 55.4%	-	-	-	2.8	51.6	5.2
9/3+9/4	A20 London Rd Ahead Right	U	F		1	15	-	265	1896:1907	281+283	48.8 : 45.3%	-	-	-	3.5	48.2	4.2
11/1	Ashton Way Left	U	E		1	16	-	110	1776	280	39.3%	-	-	-	1.6	51.4	3.3
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	16	-	305	1808:1763	285+278	54.1 : 54.4%	-	-	-	4.1	48.9	4.8
Ped Link: P1	Unnamed Ped Link	-	M		1	66	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	66	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	40	-	0	-	0	0.0%	-	-	-	-	-	-

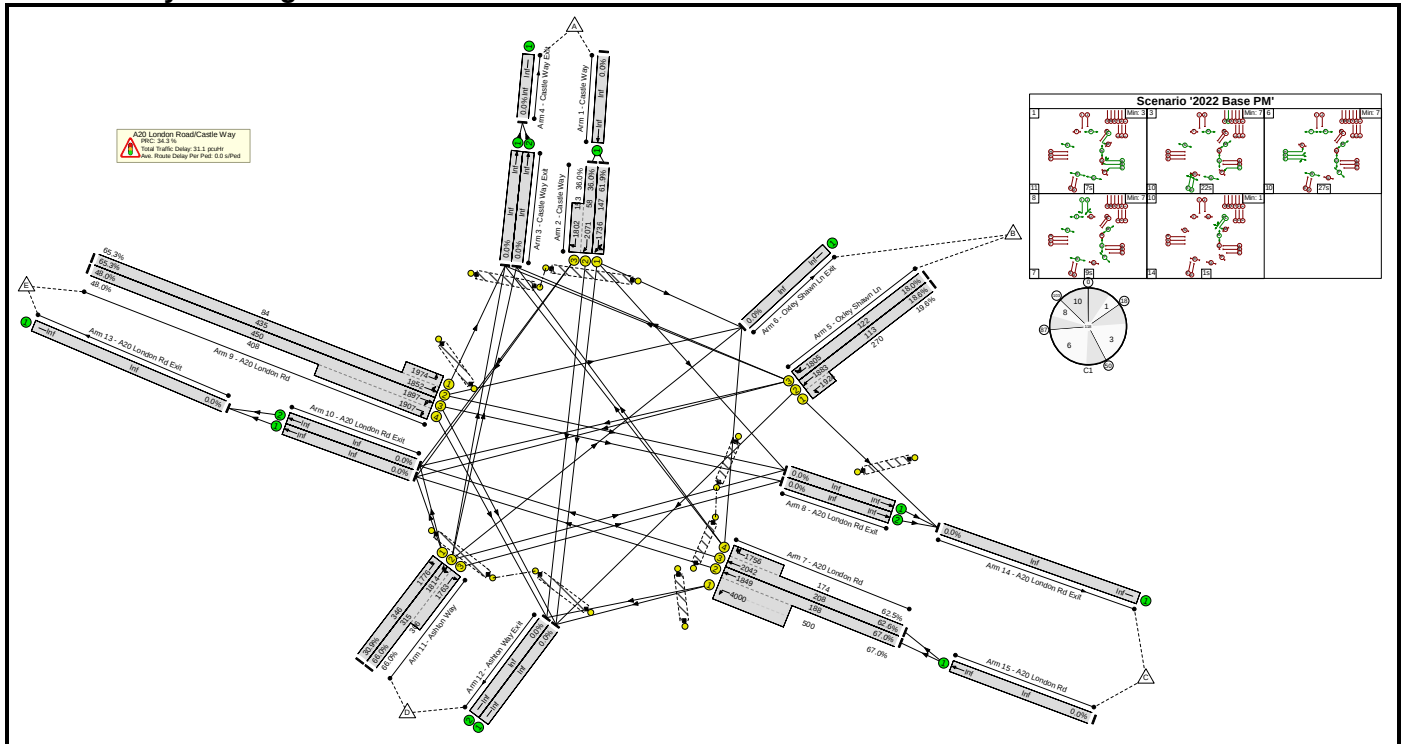
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Ped Link: P4	Unnamed Ped Link	-	Q		1	37	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	62	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	63	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	35	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	73	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	27	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalised Lanes (%): 56.6 Total Delay for Signalised Lanes (pcuHr): 26.50 Cycle Time (s): 108 PRC Over All Lanes (%): 56.6 Total Delay Over All Lanes(pcuHr): 26.50																	

Basic Results Summary

Scenario 6: '2022 Base PM' (FG6: '2022 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)	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	-	-	-		-	-	-	-	-	-	67.0%	0	0	0	31.1	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	67.0%	0	0	0	31.1	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	9	-	91	1736	147	61.9%	-	-	-	2.1	83.4	3.6
2/2+2/3	Castle Way Right Ahead	U	J I		1	9	-	76	2071:1802	58+153	36.0 : 36.0%	-	-	-	1.4	64.0	2.0
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:19	-	74	1883:1924	113+270	18.6 : 19.6%	-	-	-	1.0	50.5	1.6
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	22	1805	122	18.0%	-	-	-	0.4	69.9	0.8
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	11:40	-	461	1849:4000	188+500	67.0 : 67.0%	-	-	-	5.3	41.8	5.0
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	11:12	-	239	2042:1756	208+174	62.6 : 62.5%	-	-	-	4.2	62.8	4.9
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	30:27	-	339	1852:1974	435+84	65.3 : 65.3%	-	-	-	4.5	47.8	9.7
9/3+9/4	A20 London Rd Ahead Right	U	F		1	27	-	412	1897:1907	450+408	48.0 : 48.0%	-	-	-	4.9	42.5	6.5
11/1	Ashton Way Left	U	E		1	22	-	107	1776	346	30.9%	-	-	-	1.4	48.2	3.2
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	22	-	410	1814:1763	315+306	66.0 : 66.0%	-	-	-	5.9	51.6	7.1
Ped Link: P1	Unnamed Ped Link	-	M		1	80	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	80	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	48	-	0	-	0	0.0%	-	-	-	-	-	-

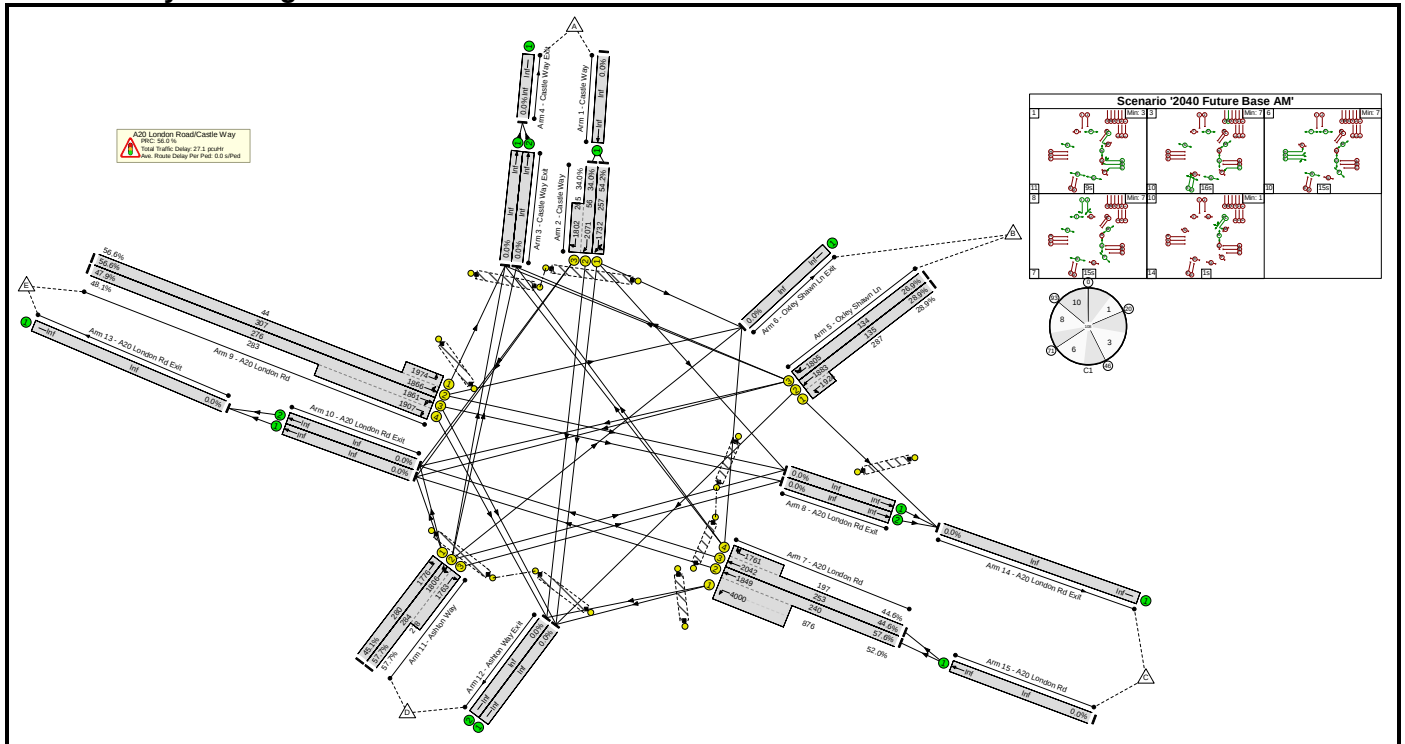
Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	39	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	66	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	61	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	43	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	87	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	23	-	0	-	0	0.0%	-	-	-	-	-	-
C1				PRC for Signalled Lanes (%): PRC Over All Lanes (%):			34.3 34.3	Total Delay for Signalled Lanes (pcuHr): Total Delay Over All Lanes(pcuHr):			31.13 31.13	Cycle Time (s): 118					

Basic Results Summary

Scenario 7: '2040 Future Base AM' (FG7: '2040 Future Base AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

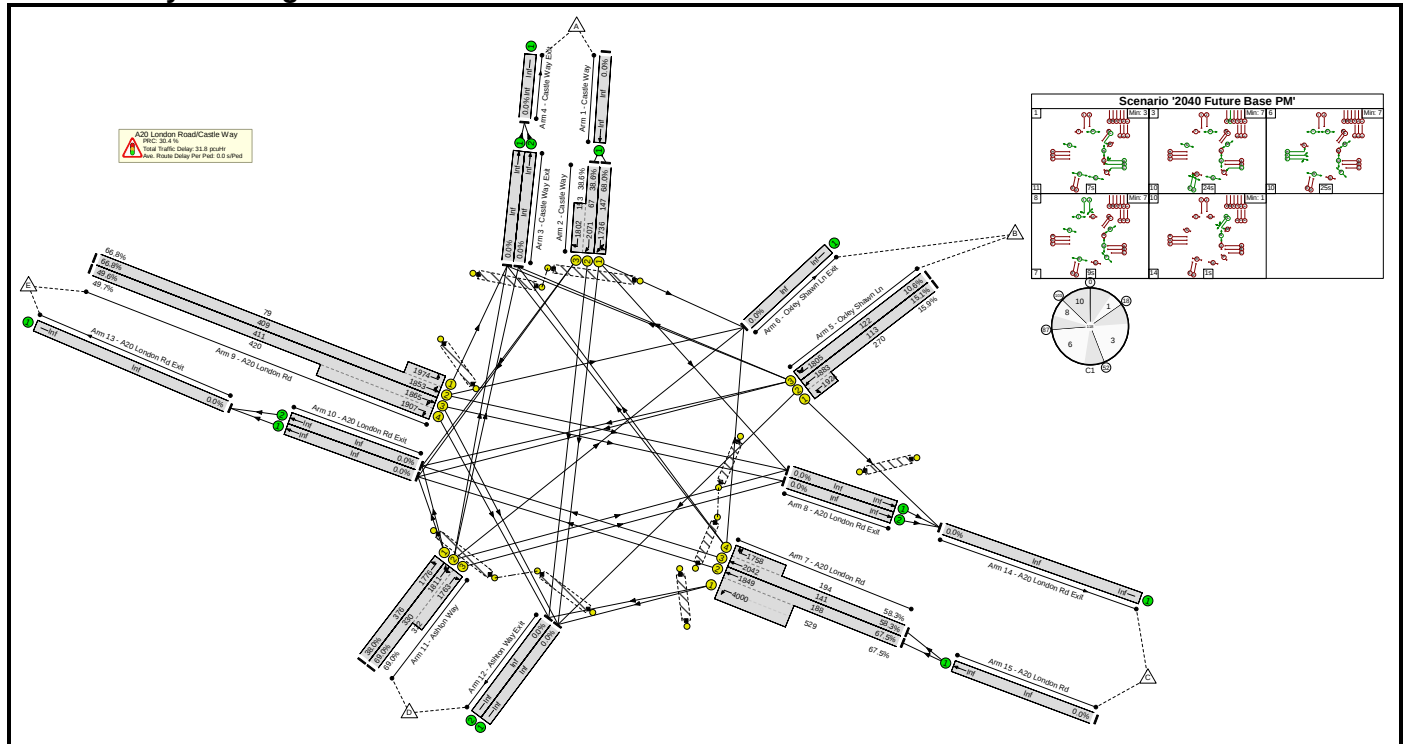
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	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	-	-	-		-	-	-	-	-	-	57.7%	0	0	0	27.1	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	57.7%	0	0	0	27.1	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	15	-	139	1732	257	54.2%	-	-	-	2.2	57.8	4.4
2/2+2/3	Castle Way Right Ahead	U	J I		1	15	-	109	2071:1802	56+265	34.0 : 34.0%	-	-	-	1.5	49.5	2.7
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:21	-	122	1883:1924	135+287	28.9 : 28.9%	-	-	-	1.5	45.5	2.3
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	36	1805	134	26.9%	-	-	-	0.7	65.6	1.2
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	13:36	-	594	1849:4000	240+876	57.6 : 52.0%	-	-	-	5.6	33.9	5.6
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	13:14	-	201	2042:1761	253+197	44.6 : 44.6%	-	-	-	2.8	50.0	3.5
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	18:15	-	199	1866:1974	307+44	56.6 : 56.6%	-	-	-	2.9	52.1	5.4
9/3+9/4	A20 London Rd Ahead Right	U	F		1	15	-	268	1861:1907	276+283	47.9 : 48.1%	-	-	-	3.6	48.4	4.2
11/1	Ashton Way Left	U	E		1	16	-	126	1776	280	45.1%	-	-	-	1.9	52.9	3.8
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	16	-	324	1806:1763	284+278	57.7 : 57.7%	-	-	-	4.5	49.7	5.2
Ped Link: P1	Unnamed Ped Link	-	M		1	68	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	68	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	42	-	0	-	0	0.0%	-	-	-	-	-	-

Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	35	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	62	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	63	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	37	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	71	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	25	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalised Lanes (%): 56.0 Total Delay for Signalised Lanes (pcuHr): 27.12 Cycle Time (s): 108 PRC Over All Lanes (%): 56.0 Total Delay Over All Lanes(pcuHr): 27.12																	

Network Layout Diagram



Basic Results Summary

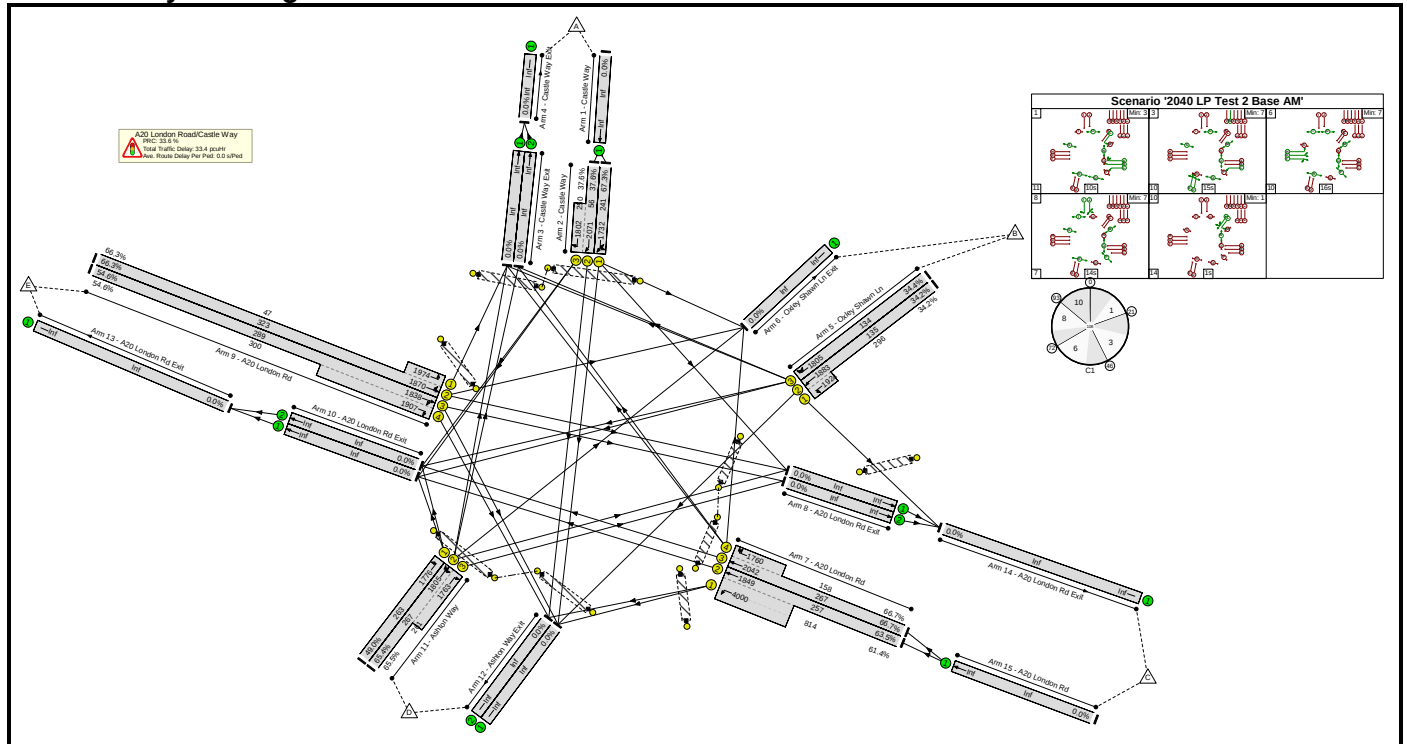
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	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	-	-	-		-	-	-	-	-	-	69.0%	0	0	0	31.8	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	69.0%	0	0	0	31.8	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	9	-	100	1736	147	68.0%	-	-	-	2.5	89.1	4.2
2/2+2/3	Castle Way Right Ahead	U	J I		1	9	-	85	2071:1802	67+153	38.6 : 38.6%	-	-	-	1.5	64.1	2.1
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:19	-	60	1883:1924	113+270	15.1 : 15.9%	-	-	-	0.8	50.1	1.3
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	13	1805	122	10.6%	-	-	-	0.2	68.2	0.5
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	11:42	-	484	1849:4000	188+529	67.5 : 67.5%	-	-	-	5.4	40.4	5.1
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	11:12	-	195	2042:1758	141+194	58.3 : 58.3%	-	-	-	3.4	62.6	4.2
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	28:25	-	326	1853:1974	409+79	66.8 : 66.8%	-	-	-	4.6	50.4	9.5
9/3+9/4	A20 London Rd Ahead Right	U	F		1	25	-	413	1865:1907	411+420	49.6 : 49.7%	-	-	-	5.1	44.6	6.5
11/1	Ashton Way Left	U	E		1	24	-	143	1776	376	38.0%	-	-	-	1.9	47.6	4.3
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	24	-	450	1811:1763	330+322	69.0 : 69.0%	-	-	-	6.3	50.7	7.8
Ped Link: P1	Unnamed Ped Link	-	M		1	80	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	80	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	46	-	0	-	0	0.0%	-	-	-	-	-	-

Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	41	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	64	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	63	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	41	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	87	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	23	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalled Lanes (%): 30.4 Total Delay for Signalled Lanes (pcuHr): 31.80 Cycle Time (s): 118 PRC Over All Lanes (%): 30.4 Total Delay Over All Lanes(pcuHr): 31.80																	

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)	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	-	-	-		-	-	-	-	-	-	67.3%	0	0	0	33.4	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	67.3%	0	0	0	33.4	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	14	-	162	1732	241	67.3%	-	-	-	3.0	66.5	5.6
2/2+2/3	Castle Way Right Ahead	U	J I		1	14	-	115	2071:1802	56+250	37.6 : 37.6%	-	-	-	1.6	51.3	2.9
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:22	-	147	1883:1924	135+296	34.2 : 34.2%	-	-	-	1.9	45.5	2.8
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	46	1805	134	34.4%	-	-	-	0.9	68.0	1.6
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	14:36	-	663	1849:4000	257+814	63.5 : 61.4%	-	-	-	6.5	35.3	6.4
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	14:15	-	283	2042:1760	267+158	66.7 : 66.7%	-	-	-	4.4	55.6	6.0
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	19:16	-	245	1870:1974	323+47	66.3 : 66.3%	-	-	-	3.7	54.6	7.0
9/3+9/4	A20 London Rd Ahead Right	U	F		1	16	-	322	1838:1907	289+300	54.6 : 54.6%	-	-	-	4.4	48.7	5.1
11/1	Ashton Way Left	U	E		1	15	-	129	1776	263	49.0%	-	-	-	2.0	55.6	4.0
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	15	-	346	1805:1763	267+261	65.4 : 65.5%	-	-	-	5.1	53.2	5.8
Ped Link: P1	Unnamed Ped Link	-	M		1	67	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	67	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	42	-	0	-	0	0.0%	-	-	-	-	-	-

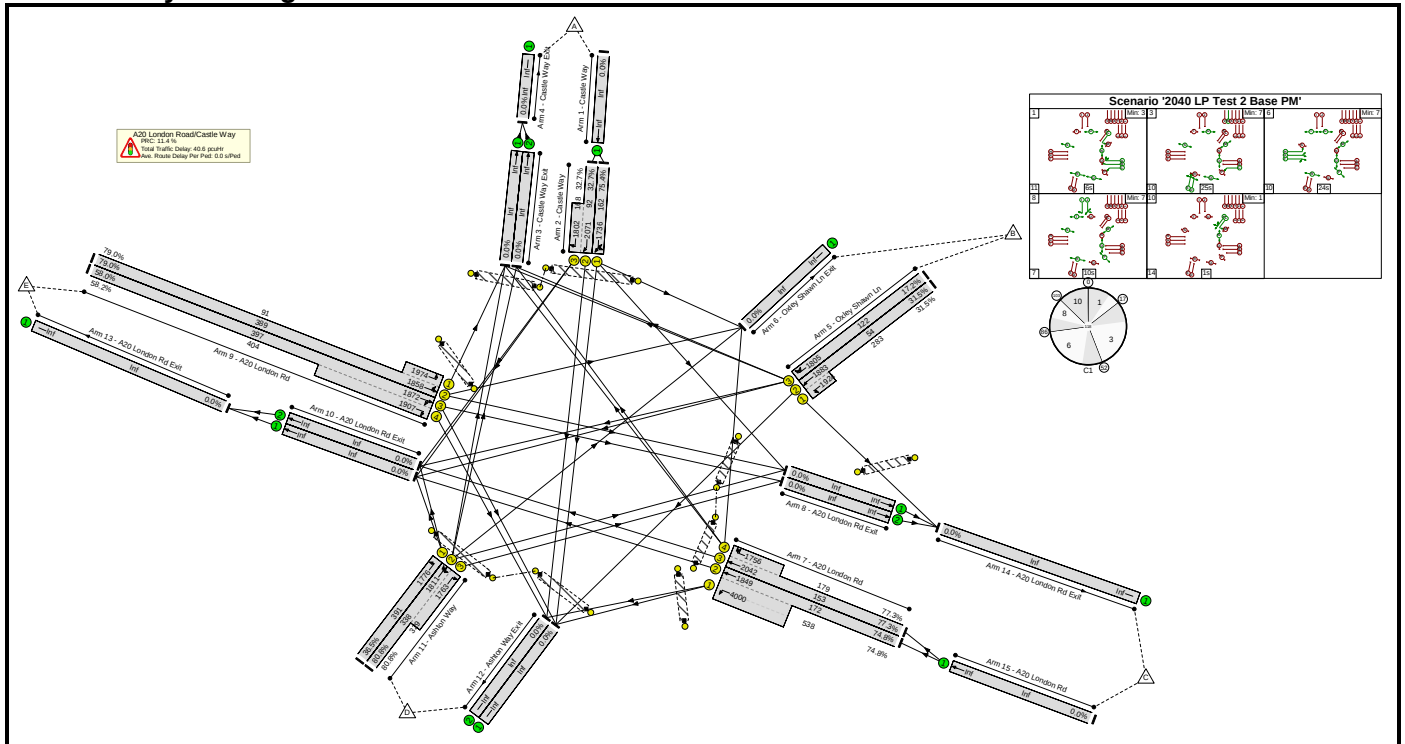
Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	35	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	63	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	62	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	37	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	72	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	26	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalled Lanes (%): 33.6 Total Delay for Signalled Lanes (pcuHr): 33.40 Cycle Time (s): 108 PRC Over All Lanes (%): 33.6 Total Delay Over All Lanes(pcuHr): 33.40																	

Basic Results Summary

Scenario 10: '2040 LP Test 2 Base PM' (FG10: '2040 LP Test 2 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)	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	-	-	-		-	-	-	-	-	-	80.8%	0	0	0	40.6	-	-
A20 London Road/Castle Way	-	-	-		-	-	-	-	-	-	80.8%	0	0	0	40.6	-	-
2/1	Castle Way U-Turn Left Ahead	U	J		1	10	-	122	1736	162	75.4%	-	-	-	3.2	94.4	5.3
2/2+2/3	Castle Way Right Ahead	U	J I		1	10	-	85	2071:1802	92+168	32.7 : 32.7%	-	-	-	1.4	60.1	1.9
5/2+5/1	Oxley Shawn Ln Ahead Left	U	K L		1	7:18	-	106	1883:1924	54+283	31.5 : 31.5%	-	-	-	1.6	52.7	2.8
5/3	Oxley Shawn Ln Right Right2	U	K		1	7	-	21	1805	122	17.2%	-	-	-	0.4	69.7	0.8
7/2+7/1	A20 London Rd Ahead Left	U	B C		1	10:42	-	532	1849:4000	172+538	74.8 : 74.8%	-	-	-	6.3	42.6	6.1
7/3+7/4	A20 London Rd Right Right2 Ahead	U	B A		1	10:11	-	256	2042:1756	153+179	77.3 : 77.3%	-	-	-	5.3	74.5	6.0
9/2+9/1	A20 London Rd Left Left2 Ahead	U	G H		1	27:24	-	379	1858:1974	389+91	79.0 : 79.0%	-	-	-	6.2	58.6	12.2
9/3+9/4	A20 London Rd Ahead Right	U	F		1	24	-	465	1872:1907	397+404	58.0 : 58.2%	-	-	-	6.1	47.1	7.6
11/1	Ashton Way Left	U	E		1	25	-	143	1776	391	36.5%	-	-	-	1.8	46.2	4.3
11/2+11/3	Ashton Way Ahead Ahead2 Right	U	E D		1	25	-	539	1811:1763	338+329	80.8 : 80.8%	-	-	-	8.4	55.8	10.2
Ped Link: P1	Unnamed Ped Link	-	M		1	81	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P2	Unnamed Ped Link	-	O		1	81	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P3	Unnamed Ped Link	-	P		1	46	-	0	-	0	0.0%	-	-	-	-	-	-

Basic Results Summary

Ped Link: P4	Unnamed Ped Link	-	Q		1	41	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P5	Unnamed Ped Link	-	R		2	63	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P6	Unnamed Ped Link	-	S		2	64	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P7	Unnamed Ped Link	-	T		1	41	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P8	Unnamed Ped Link	-	U		1	86	-	0	-	0	0.0%	-	-	-	-	-	-
Ped Link: P9	Unnamed Ped Link	-	N		1	22	-	0	-	0	0.0%	-	-	-	-	-	-
C1 PRC for Signalled Lanes (%): 11.4 PRC Over All Lanes (%): 11.4 Total Delay for Signalled Lanes (pcuHr): 40.63 Total Delay Over All Lanes(pcuHr): 40.63 Cycle Time (s): 118																	