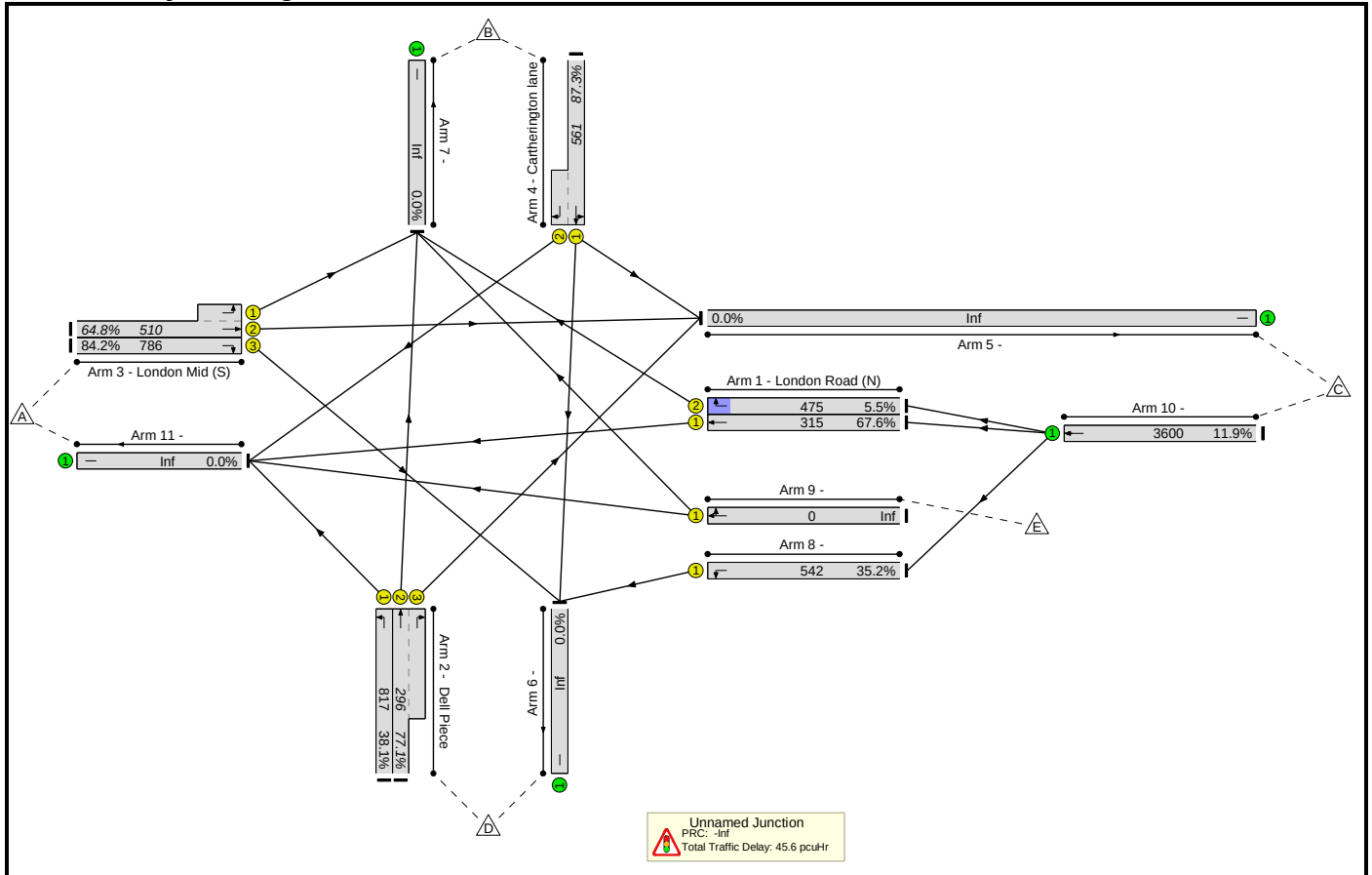


Basic Results Summary

Scenario 1: '2010 Observed_AM' (FG1: '2010 Observed_AM', Plan 1: 'All')

Junction Layout Diagram



Lane Green Times

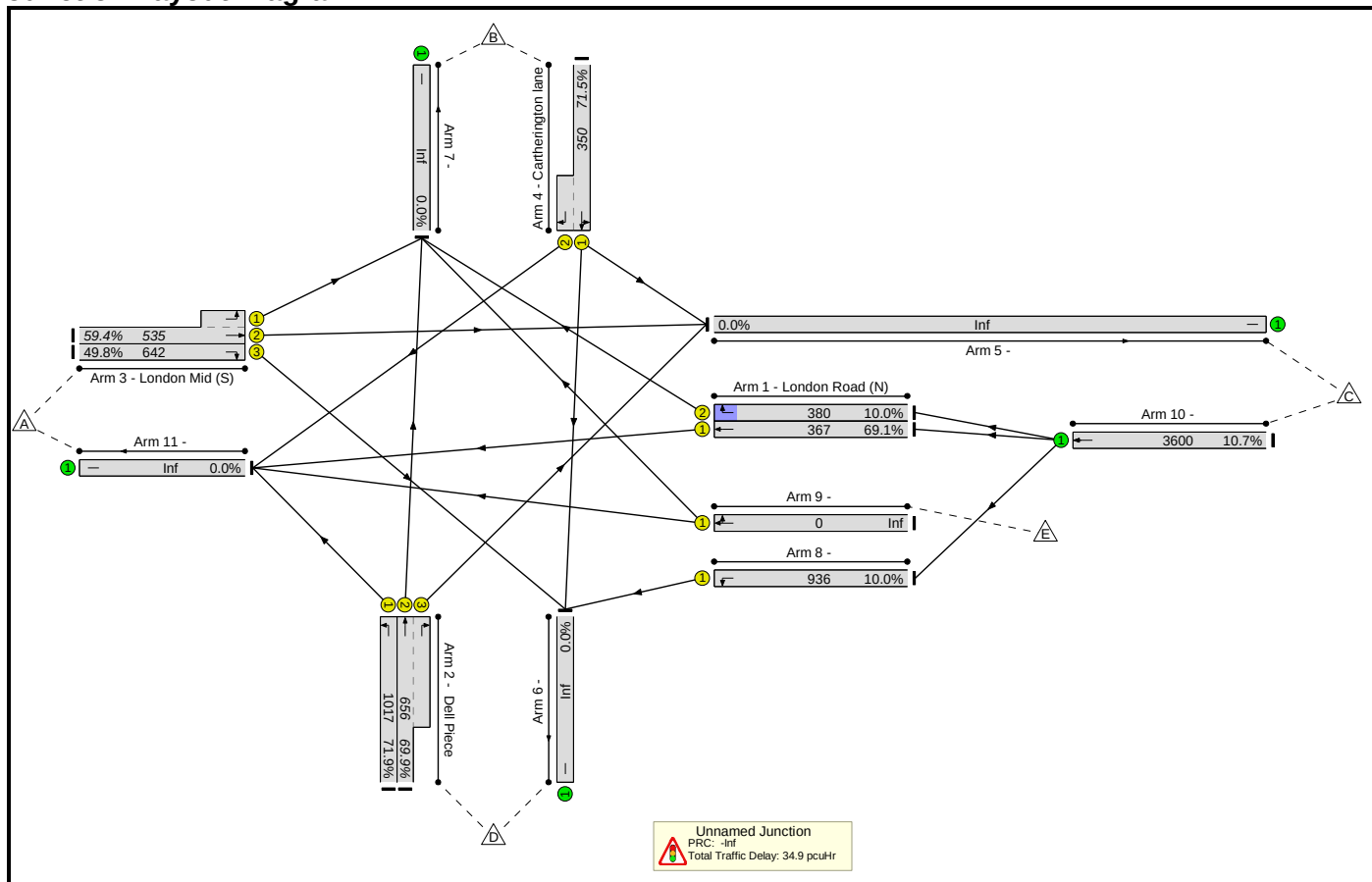
Junction: Unnamed Junction					
Lane	Description	Type	Phases	Start Green	End Green
1/1	London Road (N) Ahead	U	B	5	15
				122	146
1/2	London Road (N) Right	U	D	54	67
				139	184
2/1	Dell Piece Left	U	G	22	67
				110	117
				153	184
				229	0
2/2	Dell Piece Ahead	U	F	108	117
				227	0
2/3	Dell Piece Right	U	F	108	117
				227	0
3/1	London Mid (S) Left	U	A	7	49
				124	134
3/2	London Mid (S) Ahead	U	A	7	49
				124	134
3/3	London Mid (S) Right	U	C	20	67
				151	184
4/1	Cartherington lane Left Ahead	U	H	72	101
				189	220
4/2	Cartherington lane Right	U	H	72	101
				189	220
8/1	Left	U	E	111	146
				230	15

Link 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	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	45.6	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	45.6	-	-
1/1	London Road (N) Ahead	U	B		2	34	-	213	2100	315	67.6%	-	-	-	3.9	65.9	8.0
1/2	London Road (N) Right	U	D		2	58	-	26	1900	475	5.5%	-	-	-	0.3	39.8	0.8
2/1	Dell Piece Left	U	G		4	94	-	311	2000	817	38.1%	-	-	-	1.5	16.8	4.8
2/2+2/3	Dell Piece Right Ahead	U	F		2	22	-	228	2100:2100	296	77.1%	-	-	-	4.9	77.4	6.9
3/2+3/1	London Mid (S) Ahead Left	U	A		2	52	-	330	2100:1828	510	64.8%	-	-	-	4.8	52.7	10.9
3/3	London Mid (S) Right	U	C		2	80	-	662	2300	786	84.2%	-	-	-	9.3	50.6	23.9
4/1+4/2	Cartherington lane Left Ahead Right	U	H		2	60	-	490	2100:1900	561	87.3%	-	-	-	8.8	64.9	18.0
8/1	Left	U	E		2	60	-	191	2100	542	35.2%	-	-	-	2.2	41.6	5.8
9/1	Right Ahead	U	I		0	0	-	14	2100	0	Inf %	-	-	-	9.8	2521.0	10.3
10/1	Ahead Ahead2	U	-		-	-	-	430	3600	3600	11.9%	-	-	-	0.1	0.6	0.1
C1				PRC for Signalled Lanes (%):			-Inf	Total Delay for Signalled Lanes (pcuHr):				45.51	Cycle Time (s): 240				
				PRC Over All Lanes (%):			-Inf	Total Delay Over All Lanes(pcuHr):				45.58					

Scenario 2: '2010 Observed _PM' (FG2: '2010 Observed_PM', Plan 1: 'All')

Junction Layout Diagram



Lane Green Times

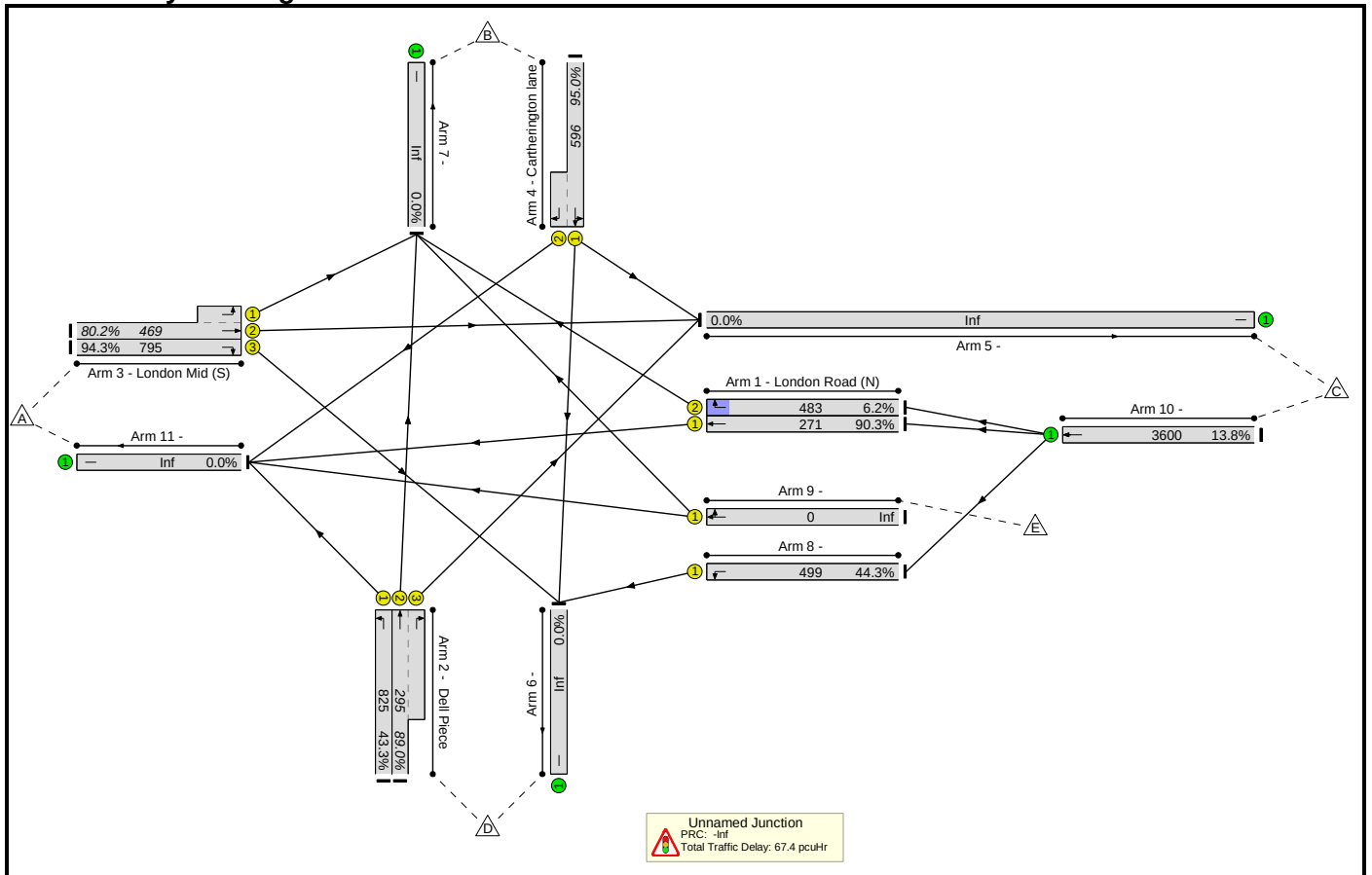
Junction: Unnamed Junction					
Lane	Description	Type	Phases	Start Green	End Green
1/1	London Road (N) Ahead	U	B	5	20
				130	155
1/2	London Road (N) Right	U	D	56	69
				148	181
2/1	Dell Piece Left	U	G	27	69
				98	125
				162	181
				210	0
2/2	Dell Piece Ahead	U	F	96	125
				208	0
2/3	Dell Piece Right	U	F	96	125
				208	0
3/1	London Mid (S) Left	U	A	7	51
				132	143
3/2	London Mid (S) Ahead	U	A	7	51
				132	143
3/3	London Mid (S) Right	U	C	25	69
				160	181
4/1	Cartherington lane Left Ahead	U	H	74	89
				186	201
4/2	Cartherington lane Right	U	H	74	89
				186	201
8/1	Left	U	E	99	155
				211	20

Link 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	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	34.9	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	34.9	-	-
1/1	London Road (N) Ahead	U	B		2	40	-	254	2100	367	69.1%	-	-	-	4.4	62.5	9.8
1/2	London Road (N) Right	U	D		2	46	-	38	1900	380	10.0%	-	-	-	0.5	45.9	1.3
2/1	Dell Piece Left	U	G		4	118	-	731	2000	1017	71.9%	-	-	-	3.7	18.1	12.6
2/2+2/3	Dell Piece Right Ahead	U	F		2	61	-	458	2100:2100	656	69.9%	-	-	-	6.0	47.1	12.2
3/2+3/1	London Mid (S) Ahead Left	U	A		2	55	-	318	2100:1828	535	59.4%	-	-	-	4.2	48.0	9.3
3/3	London Mid (S) Right	U	C		2	65	-	320	2300	642	49.8%	-	-	-	3.7	41.9	9.7
4/1+4/2	Cartherington lane Left Ahead Right	U	H		2	30	-	250	2100:1900	350	71.5%	-	-	-	4.6	66.3	7.0
8/1	Left	U	E		2	105	-	94	2100	936	10.0%	-	-	-	0.6	22.0	2.2
9/1	Right Ahead	U	I		0	0	-	10	2100	0	Inf %	-	-	-	7.1	2565.4	7.5
10/1	Ahead Ahead2	U	-		-	-	-	386	3600	3600	10.7%	-	-	-	0.1	0.6	0.1
C1				PRC for Signalled Lanes (%):			-Inf	Total Delay for Signalled Lanes (pcuHr):				34.82	Cycle Time (s): 240				
				PRC Over All Lanes (%):			-Inf	Total Delay Over All Lanes(pcuHr):				34.88					

Scenario 3: '2018 Baseline AM' (FG3: '2018 Baseline_AM', Plan 1: 'All')

Junction Layout Diagram



Lane Green Times

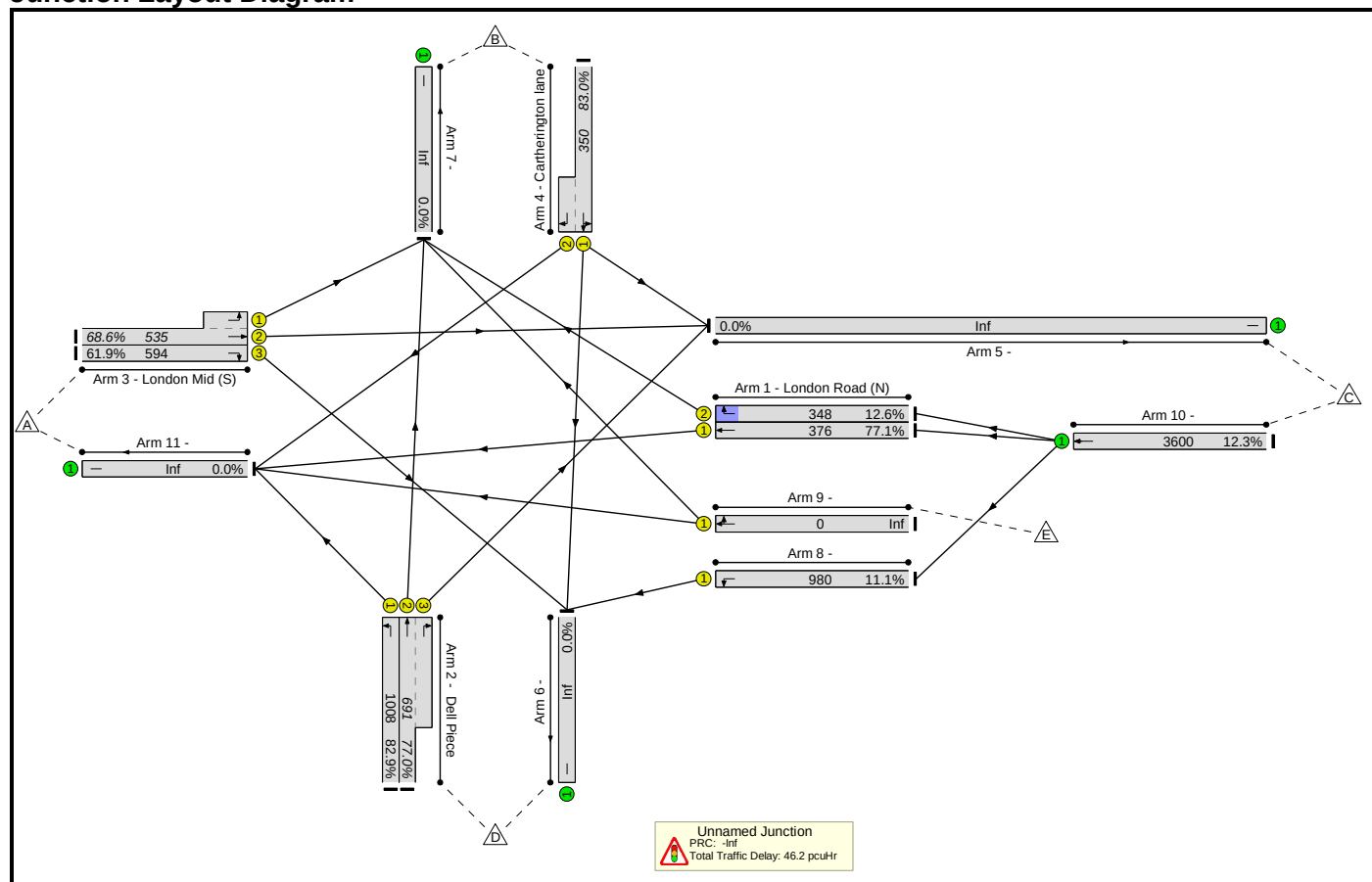
Junction: Unnamed Junction					
Lane	Description	Type	Phases	Start Green	End Green
1/1	London Road (N) Ahead	U	B	5	13
				127	148
1/2	London Road (N) Right	U	D	52	65
				141	187
2/1	Dell Piece Left	U	G	20	65
				112	122
				155	187
				232	0
2/2	Dell Piece Ahead	U	F	110	122
				230	0
2/3	Dell Piece Right	U	F	110	122
				230	0
3/1	London Mid (S) Left	U	A	7	47
				129	136
3/2	London Mid (S) Ahead	U	A	7	47
				129	136
3/3	London Mid (S) Right	U	C	18	65
				153	187
4/1	Cartherington lane Left Ahead	U	H	70	103
				192	223
4/2	Cartherington lane Right	U	H	70	103
				192	223
8/1	Left	U	E	113	148
				233	13

Link 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	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	67.4	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	67.4	-	-
1/1	London Road (N) Ahead	U	B		2	29	-	245	2100	271	90.3%	-	-	-	8.2	120.4	14.5
1/2	London Road (N) Right	U	D		2	59	-	30	1900	483	6.2%	-	-	-	0.3	38.8	0.9
2/1	Dell Piece Left	U	G		4	95	-	357	2000	825	43.3%	-	-	-	1.8	17.9	5.8
2/2+2/3	Dell Piece Right Ahead	U	F		2	22	-	263	2100:2100	295	89.0%	-	-	-	7.2	98.6	9.5
3/2+3/1	London Mid (S) Ahead Left	U	A		2	47	-	376	2100:1828	469	80.2%	-	-	-	8.3	79.4	17.2
3/3	London Mid (S) Right	U	C		2	81	-	750	2300	795	94.3%	-	-	-	15.8	75.8	32.4
4/1+4/2	Cartherington lane Left Ahead Right	U	H		2	64	-	566	2100:1900	596	95.0%	-	-	-	13.2	83.7	24.0
8/1	Left	U	E		2	55	-	221	2100	499	44.3%	-	-	-	2.8	45.7	7.1
9/1	Right Ahead	U	I		0	0	-	14	2100	0	Inf %	-	-	-	9.8	2521.0	10.3
10/1	Ahead Ahead2	U	-		-	-	-	496	3600	3600	13.8%	-	-	-	0.1	0.6	0.1
C1 PRC for Signalled Lanes (%): -Inf PRC Over All Lanes (%): -Inf Total Delay for Signalled Lanes (pcuHr): 67.34 Total Delay Over All Lanes(pcuHr): 67.42 Cycle Time (s): 240																	

Scenario 4: '2018 Baseline PM' (FG4: '2018 Baseline_PM', Plan 1: 'All')

Junction Layout Diagram



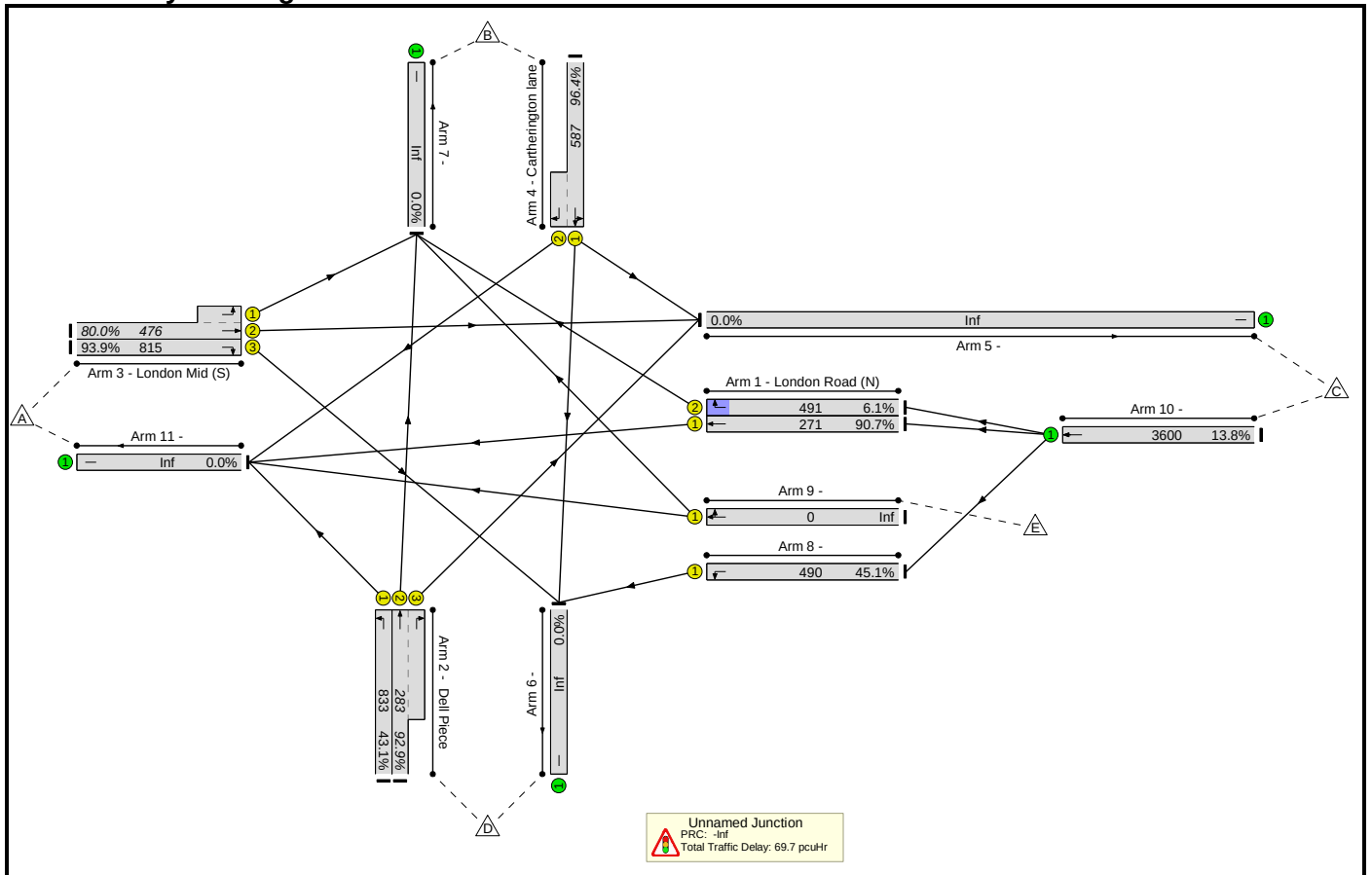
Lane Green Times

Junction: Unnamed Junction					
Lane	Description	Type	Phases	Start Green	End Green
1/1	London Road (N) Ahead	U	B	5	19
				126	153
1/2	London Road (N) Right	U	D	54	67
				146	175
2/1	Dell Piece Left	U	G	26	67
				96	121
				160	175
				204	0
2/2	Dell Piece Ahead	U	F	94	121
				202	0
2/3	Dell Piece Right	U	F	94	121
				202	0
3/1	London Mid (S) Left	U	A	7	49
				128	141
3/2	London Mid (S) Ahead	U	A	7	49
				128	141
3/3	London Mid (S) Right	U	C	24	67
				158	175
4/1	Cartherington lane Left Ahead	U	H	72	87
				180	195
4/2	Cartherington lane Right	U	H	72	87
				180	195
8/1	Left	U	E	97	153
				205	19

Link 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	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	46.2	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	46.2	-	-
1/1	London Road (N) Ahead	U	B		2	41	-	290	2100	376	77.1%	-	-	-	5.4	67.3	11.4
1/2	London Road (N) Right	U	D		2	42	-	44	1900	348	12.6%	-	-	-	0.6	48.6	1.5
2/1	Dell Piece Left	U	G		4	117	-	836	2000	1008	82.9%	-	-	-	6.1	26.3	19.7
2/2+2/3	Dell Piece Right Ahead	U	F		2	65	-	532	2100:2100	691	77.0%	-	-	-	7.2	48.8	15.4
3/2+3/1	London Mid (S) Ahead Left	U	A		2	55	-	367	2100:1828	535	68.6%	-	-	-	5.3	51.7	11.8
3/3	London Mid (S) Right	U	C		2	60	-	368	2300	594	61.9%	-	-	-	4.8	47.2	11.7
4/1+4/2	Cartherington lane Left Ahead Right	U	H		2	30	-	290	2100:1900	350	83.0%	-	-	-	6.3	78.0	9.9
8/1	Left	U	E		2	110	-	109	2100	980	11.1%	-	-	-	0.6	20.8	2.5
9/1	Right Ahead	U	I		0	0	-	14	2100	0	Inf %	-	-	-	9.8	2521.0	10.3
10/1	Ahead Ahead2	U	-		-	-	-	443	3600	3600	12.3%	-	-	-	0.1	0.6	0.1
C1				PRC for Signalled Lanes (%):			-Inf	Total Delay for Signalled Lanes (pcuHr):				46.15	Cycle Time (s): 240				
				PRC Over All Lanes (%):			-Inf	Total Delay Over All Lanes(pcuHr):				46.22					

Scenario 5: '2018 Baseline + Dev (294 Units) AM' (FG5: '2018 Baseline + Dev (294 Units)_AM', Plan 1: 'All')
Junction Layout Diagram



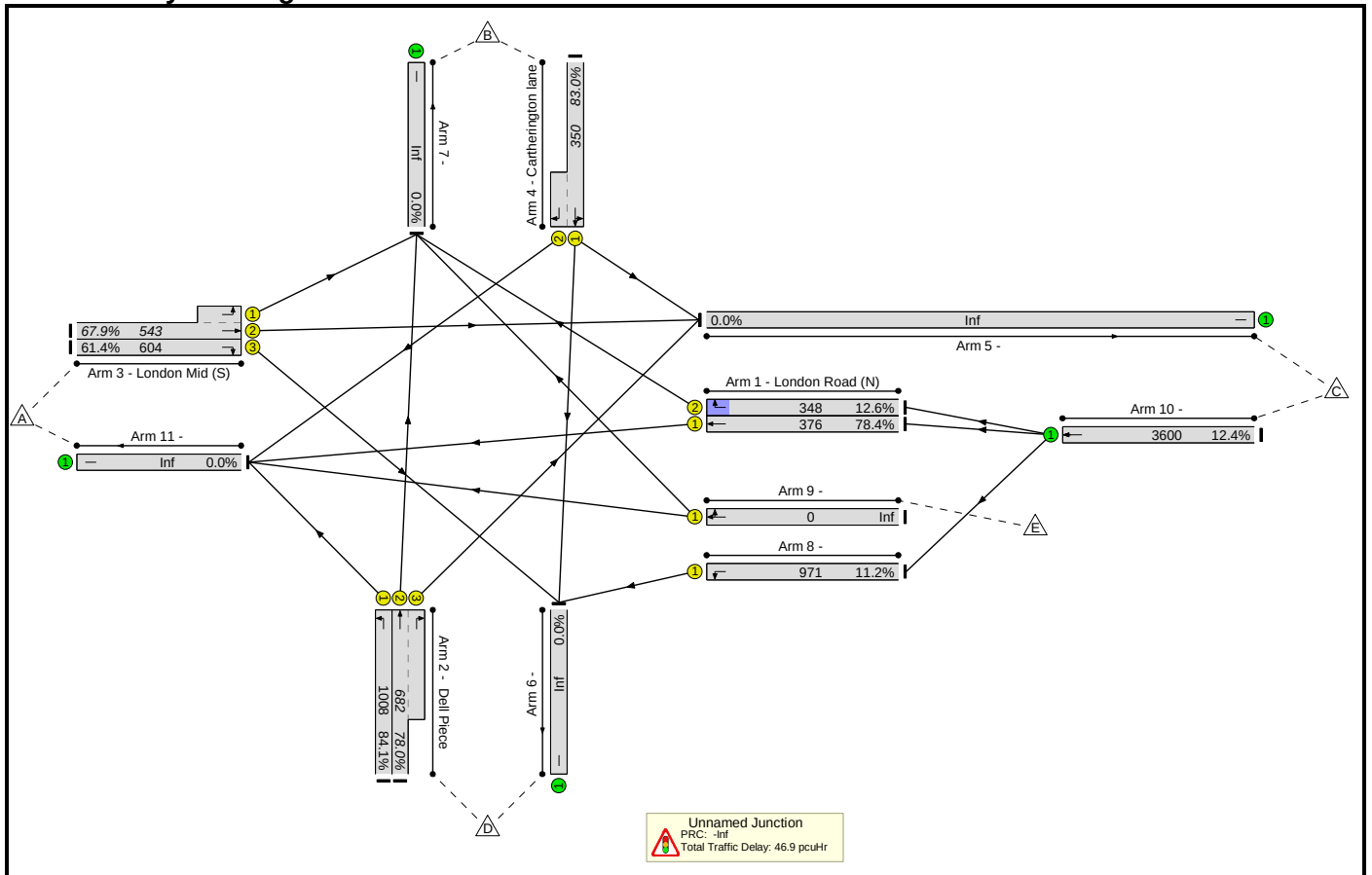
Lane Green Times

Junction: Unnamed Junction					
Lane	Description	Type	Phases	Start Green	End Green
1/1	London Road (N) Ahead	U	B	5	13
				127	148
1/2	London Road (N) Right	U	D	53	66
				141	188
2/1	Dell Piece Left	U	G	20	66
				113	122
				155	188
				232	0
2/2	Dell Piece Ahead	U	F	111	122
				230	0
2/3	Dell Piece Right	U	F	111	122
				230	0
3/1	London Mid (S) Left	U	A	7	48
				129	136
3/2	London Mid (S) Ahead	U	A	7	48
				129	136
3/3	London Mid (S) Right	U	C	18	66
				153	188
4/1	Cartherington lane Left Ahead	U	H	71	104
				193	223
4/2	Cartherington lane Right	U	H	71	104
				193	223
8/1	Left	U	E	114	148
				233	13

Link 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	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	69.7	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	69.7	-	-
1/1	London Road (N) Ahead	U	B		2	29	-	246	2100	271	90.7%	-	-	-	8.3	121.9	14.6
1/2	London Road (N) Right	U	D		2	60	-	30	1900	491	6.1%	-	-	-	0.3	38.4	0.9
2/1	Dell Piece Left	U	G		4	96	-	359	2000	833	43.1%	-	-	-	1.8	17.6	6.0
2/2+2/3	Dell Piece Right Ahead	U	F		2	21	-	263	2100:2100	283	92.9%	-	-	-	8.4	114.9	10.8
3/2+3/1	London Mid (S) Ahead Left	U	A		2	48	-	381	2100:1828	476	80.0%	-	-	-	8.3	78.8	17.5
3/3	London Mid (S) Right	U	C		2	83	-	765	2300	815	93.9%	-	-	-	15.5	72.9	32.5
4/1+4/2	Cartherington lane Left Ahead Right	U	H		2	63	-	566	2100:1900	587	96.4%	-	-	-	14.4	91.4	25.1
8/1	Left	U	E		2	54	-	221	2100	490	45.1%	-	-	-	2.8	46.4	7.2
9/1	Right Ahead	U	I		0	0	-	14	2100	0	Inf %	-	-	-	9.8	2521.0	10.3
10/1	Ahead Ahead2	U	-		-	-	-	497	3600	3600	13.8%	-	-	-	0.1	0.6	0.1
C1				PRC for Signalled Lanes (%):			-Inf	Total Delay for Signalled Lanes (pcuHr):				69.66	Cycle Time (s): 240				
				PRC Over All Lanes (%):			-Inf	Total Delay Over All Lanes(pcuHr):				69.74					

Scenario 6: '2018 Baseline + Dev (294 Units) PM' (FG6: '2018 Baseline + Dev (294 Units)_PM', Plan 1: 'All')
Junction Layout Diagram



Lane Green Times

Junction: Unnamed Junction					
Lane	Description	Type	Phases	Start Green	End Green
1/1	London Road (N) Ahead	U	B	5	19
				127	154
1/2	London Road (N) Right	U	D	55	68
				147	176
2/1	Dell Piece Left	U	G	26	68
				97	122
				161	176
				205	0
2/2	Dell Piece Ahead	U	F	95	122
				203	0
2/3	Dell Piece Right	U	F	95	122
				203	0
3/1	London Mid (S) Left	U	A	7	50
				129	142
3/2	London Mid (S) Ahead	U	A	7	50
				129	142
3/3	London Mid (S) Right	U	C	24	68
				159	176
4/1	Cartherington lane Left Ahead	U	H	73	88
				181	196
4/2	Cartherington lane Right	U	H	73	88
				181	196
8/1	Left	U	E	98	154
				206	19

Link 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	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	46.9	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	Inf %	0	0	0	46.9	-	-
1/1	London Road (N) Ahead	U	B		2	41	-	295	2100	376	78.4%	-	-	-	5.6	68.6	11.9
1/2	London Road (N) Right	U	D		2	42	-	44	1900	348	12.6%	-	-	-	0.6	48.6	1.5
2/1	Dell Piece Left	U	G		4	117	-	848	2000	1008	84.1%	-	-	-	6.4	27.3	20.5
2/2+2/3	Dell Piece Right Ahead	U	F		2	64	-	532	2100:2100	682	78.0%	-	-	-	7.4	49.9	15.6
3/2+3/1	London Mid (S) Ahead Left	U	A		2	56	-	369	2100:1828	543	67.9%	-	-	-	5.2	51.0	11.8
3/3	London Mid (S) Right	U	C		2	61	-	371	2300	604	61.4%	-	-	-	4.8	46.6	11.8
4/1+4/2	Cartherington lane Left Ahead Right	U	H		2	30	-	290	2100:1900	350	83.0%	-	-	-	6.3	78.0	9.9
8/1	Left	U	E		2	109	-	109	2100	971	11.2%	-	-	-	0.6	21.2	2.5
9/1	Right Ahead	U	I		0	0	-	14	2100	0	Inf %	-	-	-	9.8	2521.0	10.3
10/1	Ahead Ahead2	U	-		-	-	-	448	3600	3600	12.4%	-	-	-	0.1	0.6	0.1
C1				PRC for Signalled Lanes (%):			-Inf	Total Delay for Signalled Lanes (pcuHr):				46.79	Cycle Time (s): 240				
				PRC Over All Lanes (%):			-Inf	Total Delay Over All Lanes(pcuHr):				46.86					