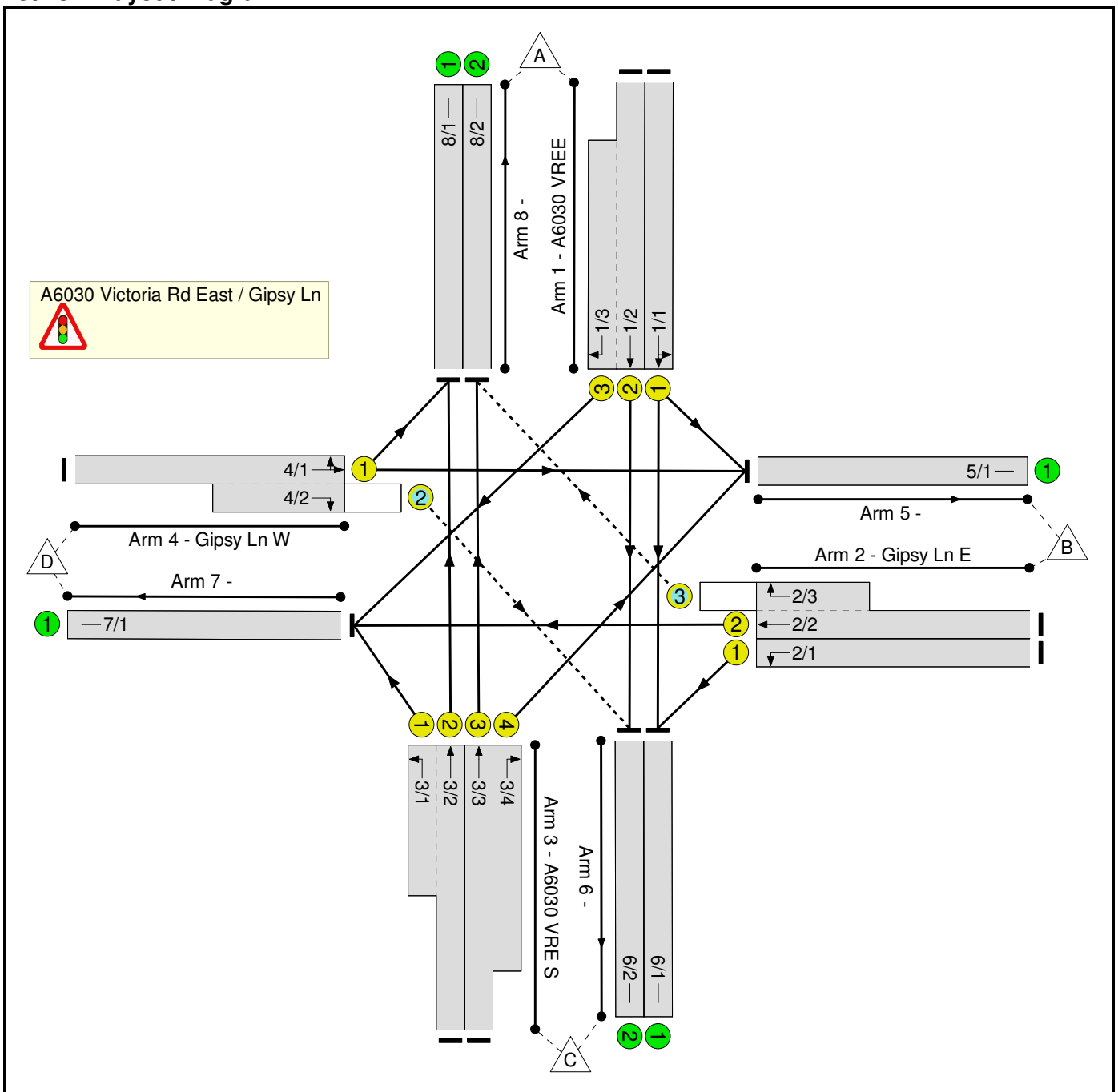


Full Input Data And Results
Full Input Data And Results

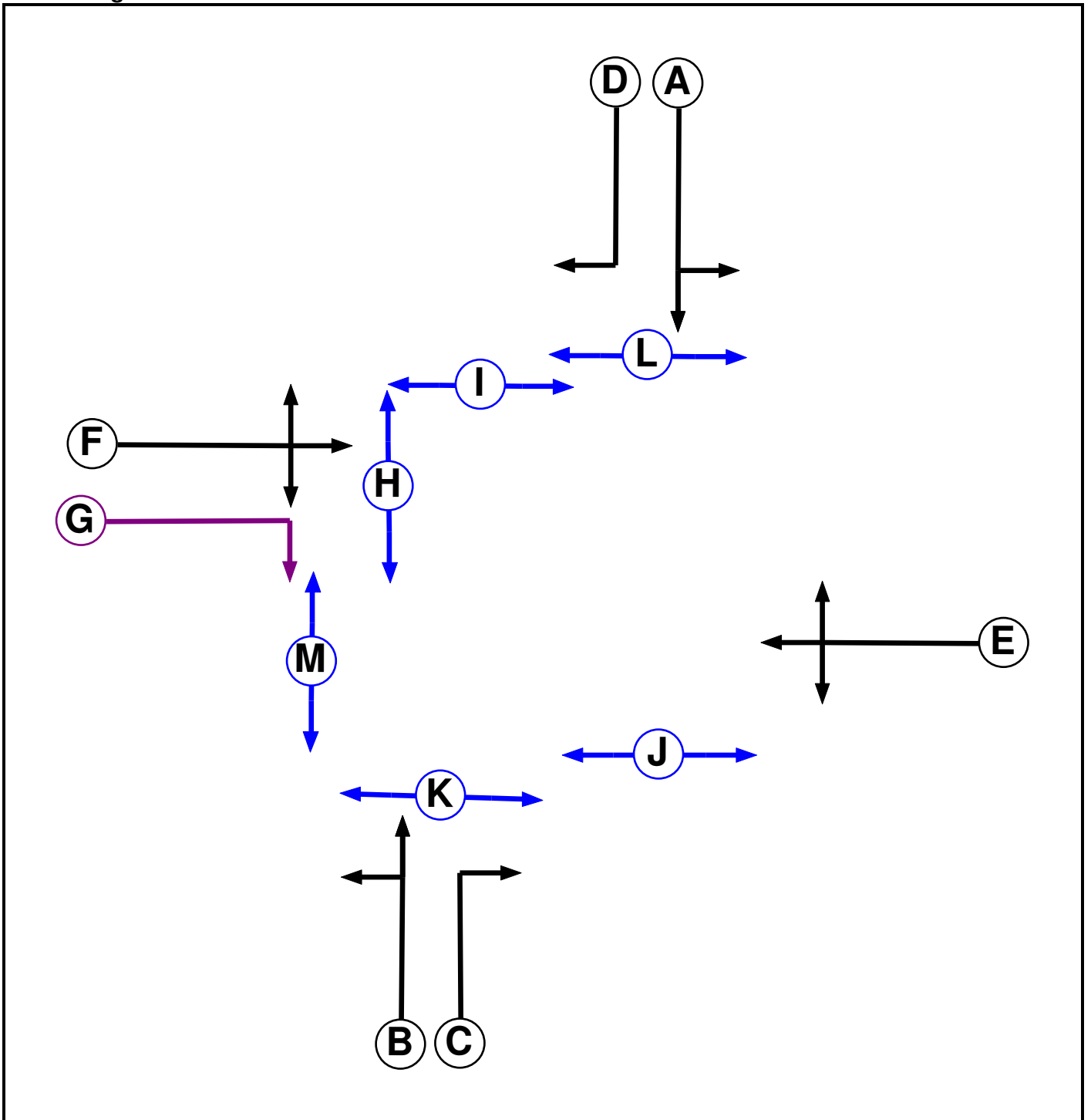
User and Project Details

Project:	A046980-7 North East Leicester SUE
Title:	A6030 Victoria Road East / Gipsy Lane - Existing Layout
Location:	
File name:	A046980-7 VREE Gipsy Lane (Existing Layout).lsg3x
Author:	R Bishop / A Critchlow
Company:	WYG
Address:	Leicester
Notes:	Analysis based upon LCiC supplied data.

Network Layout Diagram



Phase Diagram



Full Input Data And Results

Phase Input Data

Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		-9999	7
B	Traffic		-9999	7
C	Traffic		-9999	7
D	Traffic		-9999	7
E	Traffic		-9999	7
F	Traffic		-9999	2
G	Ind. Arrow	F	-9999	1
H	Pedestrian		-9999	5
I	Pedestrian		-9999	5
J	Pedestrian		-9999	5
K	Pedestrian		-9999	10
L	Pedestrian		-9999	7
M	Pedestrian		-9999	1

Phase Intergreens Matrix

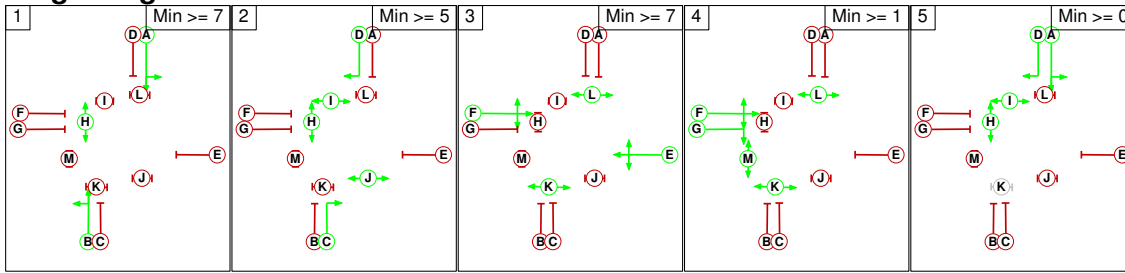
		Starting Phase												
		A	B	C	D	E	F	G	H	I	J	K	L	M
Terminating Phase	A	-	-	6	-	7	7	7	-	-	8	-	5	-
	B	-	-	-	6	7	7	7	-	8	-	5	-	6
	C	7	-	-	-	6	6	6	-	-	-	5	-	-
	D	-	7	-	-	6	6	6	-	-	-	-	5	8
	E	7	7	6	6	-	-	5	-	8	7	-	-	8
	F	7	7	6	6	-	-	-	5	6	8	-	-	-
	G	7	7	6	6	6	-	-	5	-	8	-	-	-
	H	-	-	-	-	-	6	6	-	-	-	-	-	-
	I	-	6	-	-	6	6	-	-	-	-	-	-	-
	J	6	-	-	-	6	6	6	-	-	-	-	-	-
	K	-	12	12	-	-	-	-	-	-	-	-	-	-
	L	10	-	-	10	-	-	-	-	-	-	-	-	-
	M	-	6	-	6	6	-	-	-	-	-	-	-	-

Phases in Stage

Stage No.	Phases in Stage
1	A B H
2	C D H I J
3	E F K L
4	F G K L M
5	A D H I

Full Input Data And Results

Stage Diagram



Phase Delays

Term.	Stage	Start Stage	Phase	Type	Value	Cont value
4	1	1	F	Losing	5	5
4	1	1	L	Losing	2	2
4	1	1	M	Losing	6	6
4	2	2	F	Losing	6	6
4	2	2	L	Losing	2	2
4	2	2	M	Losing	6	6

Prohibited Stage Change

		To Stage				
		1	2	3	4	5
From Stage	1		8	7	7	8
	2	7		6	8	7
	3	12	12		8	10
	4	12	14	6		10
	5	7	8	7	8	

Full Input Data And Results

Give-Way Lane Input Data

Junction: A6030 Victoria Rd East / Gipsy Ln											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
2/3 (Gipsy Ln E)	8/2 (Right)	1439	0	4/1	1.09	All	3.00	-	0.50	3	2.00
4/2 (Gipsy Ln W)	6/2 (Right)	1439	0	2/2	1.09	All	3.00	-	0.50	3	2.00
				2/1	1.09	All					

Full Input Data And Results

Lane Input Data

Junction: A6030 Victoria Rd East / Gipsy Ln												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (A6030 VREE)	U	A	2	3	60.0	Geom	-	3.20	0.00	Y	Arm 5 Left	12.00
											Arm 6 Ahead	Inf
1/2 (A6030 VREE)	U	A	2	3	60.0	Geom	-	3.20	0.00	N	Arm 6 Ahead	Inf
1/3 (A6030 VREE)	U	D	2	3	16.0	Geom	-	3.00	0.00	Y	Arm 7 Right	12.00
2/1 (Gipsy Ln E)	U	E	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 6 Left	12.00
2/2 (Gipsy Ln E)	U	E	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 7 Ahead	Inf
2/3 (Gipsy Ln E)	O	E	2	3	6.0	Geom	-	3.00	0.00	Y	Arm 8 Right	12.00
3/1 (A6030 VRE S)	U	B	2	3	8.0	Geom	-	3.00	0.00	Y	Arm 7 Left	12.00
3/2 (A6030 VRE S)	U	B	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 8 Ahead	Inf
3/3 (A6030 VRE S)	U	B	2	3	60.0	Geom	-	3.00	0.00	N	Arm 8 Ahead	Inf
3/4 (A6030 VRE S)	U	C	2	3	12.0	Geom	-	3.00	0.00	Y	Arm 5 Right	12.00
4/1 (Gipsy Ln W)	U	F	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 5 Ahead	Inf
											Arm 8 Left	12.00
4/2 (Gipsy Ln W)	O	F G	2	3	7.0	Geom	-	3.00	0.00	Y	Arm 6 Right	12.00
5/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/1	U		2	3	60.0	Inf	-	-	-	-	-	-
6/2	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1	U		2	3	60.0	Inf	-	-	-	-	-	-
8/1	U		2	3	60.0	Inf	-	-	-	-	-	-
8/2	U		2	3	60.0	Inf	-	-	-	-	-	-

Full Input Data And Results

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2014 AM Base'	08:00	09:00	01:00	
2: '2014 PM Base'	17:00	18:00	01:00	
3: '2016 + ComDev AM'	08:00	09:00	01:00	
4: '2016 + ComDev PM'	17:00	18:00	01:00	
5: '2016 + ComDev +Ph1 AM'	08:00	09:00	01:00	
6: '2016 + ComDev +Ph1 PM'	17:00	18:00	01:00	
7: '2021 + ComDev AM'	08:00	09:00	01:00	
8: '2021 + ComDev PM'	17:00	18:00	01:00	
9: '2021 + ComDev + Ph2 AM'	08:00	09:00	01:00	
10: '2021 + ComDev + Ph2 PM'	17:00	18:00	01:00	
11: '2031 AM + ComDev'	08:00	09:00	01:00	
12: '2031 PM + Comdev'	17:00	18:00	01:00	
13: '2031 + All Dev (Stage 2 Mitiagtion) AM'	08:00	09:00	01:00	
14: '2031 + All Dev (Stage 2 Mitiagtion) PM'	17:00	18:00	01:00	

Scenario 1: '2014 AM' (FG1: '2014 AM Base', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
	A	B	C	D	Tot.	
Origin	A	0	35	621	201	857
B	71	0	98	307	476	
C	393	52	0	208	653	
D	82	174	289	0	545	
Tot.	546	261	1008	716	2531	

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 1: 2014 AM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	328
1/2 (with short)	529(In) 328(Out)
1/3 (short)	201
2/1	98
2/2 (with short)	378(In) 307(Out)
2/3 (short)	71
3/1 (short)	208
3/2 (with short)	405(In) 197(Out)
3/3 (with short)	248(In) 196(Out)
3/4 (short)	52
4/1 (with short)	545(In) 256(Out)
4/2 (short)	289
5/1	261
6/1	391
6/2	617
7/1	716
8/1	279
8/2	267

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	10.7 %	1910	1910
				Arm 6 Ahead	Inf	89.3 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
				Arm 5 Ahead	Inf	68.0 %		
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 8 Left	12.00	32.0 %	1841	1841
				Arm 6 Right	12.00	100.0 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 2: '2014 PM' (FG2: '2014 PM Base', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

Origin	Destination					
	A	B	C	D	Tot.	
A	0	74	418	119	611	
B	41	0	41	146	228	
C	603	89	0	296	988	
D	184	205	250	0	639	
Tot.	828	368	709	561	2466	

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 2: 2014 PM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	246
1/2 (with short)	365(In) 246(Out)
1/3 (short)	119
2/1	41
2/2 (with short)	187(In) 146(Out)
2/3 (short)	41
3/1 (short)	296
3/2 (with short)	598(In) 302(Out)
3/3 (with short)	390(In) 301(Out)
3/4 (short)	89
4/1 (with short)	639(In) 389(Out)
4/2 (short)	250
5/1	368
6/1	213
6/2	496
7/1	561
8/1	486
8/2	342

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	30.1 %	1865	1865
				Arm 6 Ahead	Inf	69.9 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 5 Ahead	Inf	52.7 %	1808	1808
				Arm 8 Left	12.00	47.3 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 3: '2016 +Com Dev AM' (FG3: '2016 + ComDev AM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

Origin	Destination					
	A	B	C	D	Tot.	
A	0	36	632	204	872	
B	73	0	100	313	486	
C	400	53	0	211	664	
D	84	177	294	0	555	
Tot.	557	266	1026	728	2577	

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 3: 2016 +Com Dev AM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	334
1/2 (with short)	538(In) 334(Out)
1/3 (short)	204
2/1	100
2/2 (with short)	386(In) 313(Out)
2/3 (short)	73
3/1 (short)	211
3/2 (with short)	411(In) 200(Out)
3/3 (with short)	253(In) 200(Out)
3/4 (short)	53
4/1 (with short)	555(In) 261(Out)
4/2 (short)	294
5/1	266
6/1	398
6/2	628
7/1	728
8/1	284
8/2	273

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	10.8 %	1909	1909
				Arm 6 Ahead	Inf	89.2 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
				Arm 5 Ahead	Inf	67.8 %		
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 8 Left	12.00	32.2 %	1841	1841
				Arm 6 Right	12.00	100.0 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 4: '2016 +Com Dev PM' (FG4: '2016 + ComDev PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

Origin	Destination					
	A	B	C	D	Tot.	
A	0	76	425	122	623	
B	42	0	42	148	232	
C	614	91	0	301	1006	
D	187	209	255	0	651	
Tot.	843	376	722	571	2512	

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 4: 2016 +Com Dev PM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	251
1/2 (with short)	372(In) 250(Out)
1/3 (short)	122
2/1	42
2/2 (with short)	190(In) 148(Out)
2/3 (short)	42
3/1 (short)	301
3/2 (with short)	608(In) 307(Out)
3/3 (with short)	398(In) 307(Out)
3/4 (short)	91
4/1 (with short)	651(In) 396(Out)
4/2 (short)	255
5/1	376
6/1	217
6/2	505
7/1	571
8/1	494
8/2	349

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	30.3 %	1864	1864
				Arm 6 Ahead	Inf	69.7 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
				Arm 5 Ahead	Inf	52.8 %		
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 8 Left	12.00	47.2 %	1808	1808
				Arm 6 Right	12.00	100.0 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 5: '2016 +Com Dev + Ph1 AM' (FG5: '2016 + ComDev +Ph1 AM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
	A	B	C	D	Tot.	
Origin	A	0	29	658	204	891
	B	72	0	98	309	479
	C	403	52	0	216	671
	D	84	198	298	0	580
	Tot.	559	279	1054	729	2621

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 5: 2016 +Com Dev + Ph1 AM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	344
1/2 (with short)	547(In) 343(Out)
1/3 (short)	204
2/1	98
2/2 (with short)	381(In) 309(Out)
2/3 (short)	72
3/1 (short)	216
3/2 (with short)	418(In) 202(Out)
3/3 (with short)	253(In) 201(Out)
3/4 (short)	52
4/1 (with short)	580(In) 282(Out)
4/2 (short)	298
5/1	279
6/1	413
6/2	641
7/1	729
8/1	286
8/2	273

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	8.4 %	1915	1915
				Arm 6 Ahead	Inf	91.6 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 5 Ahead	Inf	70.2 %	1846	1846
				Arm 8 Left	12.00	29.8 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 6: '2016 +Com Dev + Ph1 PM' (FG6: '2016 + ComDev +Ph1 PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

Origin	Destination					
	A	B	C	D	Tot.	
A	0	75	441	129	645	
B	38	0	34	147	219	
C	616	85	0	301	1002	
D	187	234	256	0	677	
Tot.	841	394	731	577	2543	

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 6: 2016 +Com Dev + Ph1 PM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	258
1/2 (with short)	387(In) 258(Out)
1/3 (short)	129
2/1	34
2/2 (with short)	185(In) 147(Out)
2/3 (short)	38
3/1 (short)	301
3/2 (with short)	609(In) 308(Out)
3/3 (with short)	393(In) 308(Out)
3/4 (short)	85
4/1 (with short)	677(In) 421(Out)
4/2 (short)	256
5/1	394
6/1	217
6/2	514
7/1	577
8/1	495
8/2	346

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	29.1 %	1867	1867
				Arm 6 Ahead	Inf	70.9 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
				Arm 5 Ahead	Inf	55.6 %		
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 8 Left	12.00	44.4 %	1814	1814
				Arm 6 Right	12.00	100.0 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 7: '2021 +Com Dev AM' (FG7: '2021 + ComDev AM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
	A	B	C	D	Tot.	
Origin	A	0	38	664	214	916
	B	76	0	105	328	509
	C	420	56	0	222	698
	D	88	186	309	0	583
	Tot.	584	280	1078	764	2706

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 7: 2021 +Com Dev AM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	351
1/2 (with short)	565(In) 351(Out)
1/3 (short)	214
2/1	105
2/2 (with short)	404(In) 328(Out)
2/3 (short)	76
3/1 (short)	222
3/2 (with short)	432(In) 210(Out)
3/3 (with short)	266(In) 210(Out)
3/4 (short)	56
4/1 (with short)	583(In) 274(Out)
4/2 (short)	309
5/1	280
6/1	418
6/2	660
7/1	764
8/1	298
8/2	286

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	10.8 %	1909	1909
				Arm 6 Ahead	Inf	89.2 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
				Arm 5 Ahead	Inf	67.9 %		
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 8 Left	12.00	32.1 %	1841	1841
				Arm 6 Right	12.00	100.0 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 8: '2021 +Com Dev PM' (FG8: '2021 + ComDev PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
	A	B	C	D	Tot.	
Origin	A	0	79	447	128	654
	B	44	0	44	156	244
	C	645	96	0	317	1058
	D	197	219	268	0	684
	Tot.	886	394	759	601	2640

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 8: 2021 +Com Dev PM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	263
1/2 (with short)	391(In) 263(Out)
1/3 (short)	128
2/1	44
2/2 (with short)	200(In) 156(Out)
2/3 (short)	44
3/1 (short)	317
3/2 (with short)	640(In) 323(Out)
3/3 (with short)	418(In) 322(Out)
3/4 (short)	96
4/1 (with short)	684(In) 416(Out)
4/2 (short)	268
5/1	394
6/1	228
6/2	531
7/1	601
8/1	520
8/2	366

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	30.0 %	1865	1865
				Arm 6 Ahead	Inf	70.0 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 5 Ahead	Inf	52.6 %	1808	1808
				Arm 8 Left	12.00	47.4 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 9: '2021 +Com Dev + Ph2 AM' (FG9: '2021 + ComDev + Ph2 AM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

Origin	Destination					
	A	B	C	D	Tot.	
A	0	40	702	214	956	
B	76	0	95	326	497	
C	461	54	0	220	735	
D	88	237	315	0	640	
Tot.	625	331	1112	760	2828	

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 9: 2021 +Com Dev + Ph2 AM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	371
1/2 (with short)	585(In) 371(Out)
1/3 (short)	214
2/1	95
2/2 (with short)	402(In) 326(Out)
2/3 (short)	76
3/1 (short)	220
3/2 (with short)	451(In) 231(Out)
3/3 (with short)	284(In) 230(Out)
3/4 (short)	54
4/1 (with short)	640(In) 325(Out)
4/2 (short)	315
5/1	331
6/1	426
6/2	686
7/1	760
8/1	319
8/2	306

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	10.8 %	1909	1909
				Arm 6 Ahead	Inf	89.2 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 5 Ahead	Inf	72.9 %	1852	1852
				Arm 8 Left	12.00	27.1 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 10: '2021 +Com Dev + Ph2 PM' (FG10: '2021 + ComDev + Ph2 PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
	A	B	C	D	Tot.	
Origin	A	0	77	445	126	648
	B	58	0	56	140	254
	C	696	93	0	319	1108
	D	197	240	283	0	720
	Tot.	951	410	784	585	2730

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 10: 2021 +Com Dev + Ph2 PM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	261
1/2 (with short)	387(In) 261(Out)
1/3 (short)	126
2/1	56
2/2 (with short)	198(In) 140(Out)
2/3 (short)	58
3/1 (short)	319
3/2 (with short)	667(In) 348(Out)
3/3 (with short)	441(In) 348(Out)
3/4 (short)	93
4/1 (with short)	720(In) 437(Out)
4/2 (short)	283
5/1	410
6/1	240
6/2	544
7/1	585
8/1	545
8/2	406

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	29.5 %	1866	1866
				Arm 6 Ahead	Inf	70.5 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 5 Ahead	Inf	54.9 %	1813	1813
				Arm 8 Left	12.00	45.1 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 11: '2031 +Com Dev AM' (FG11: '2031 AM + ComDev', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
	A	B	C	D	Tot.	
Origin	A	0	41	719	232	992
	B	83	0	115	358	556
	C	454	60	0	240	754
	D	96	202	337	0	635
	Tot.	633	303	1171	830	2937

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 11: 2031 +Com Dev AM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	380
1/2 (with short)	612(In) 380(Out)
1/3 (short)	232
2/1	115
2/2 (with short)	441(In) 358(Out)
2/3 (short)	83
3/1 (short)	240
3/2 (with short)	467(In) 227(Out)
3/3 (with short)	287(In) 227(Out)
3/4 (short)	60
4/1 (with short)	635(In) 298(Out)
4/2 (short)	337
5/1	303
6/1	454
6/2	717
7/1	830
8/1	323
8/2	310

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	10.8 %	1909	1909
				Arm 6 Ahead	Inf	89.2 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
				Arm 5 Ahead	Inf	67.8 %		
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 8 Left	12.00	32.2 %	1841	1841
				Arm 6 Right	12.00	100.0 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 12: '2031 +Com Dev PM' (FG12: '2031 PM + Comdev', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
	A	B	C	D	Tot.	
Origin	A	0	86	486	139	711
	B	50	0	48	172	270
	C	703	104	0	346	1153
	D	215	240	293	0	748
	Tot.	968	430	827	657	2882

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 12: 2031 +Com Dev PM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	286
1/2 (with short)	425(In) 286(Out)
1/3 (short)	139
2/1	48
2/2 (with short)	222(In) 172(Out)
2/3 (short)	50
3/1 (short)	346
3/2 (with short)	698(In) 352(Out)
3/3 (with short)	455(In) 351(Out)
3/4 (short)	104
4/1 (with short)	748(In) 455(Out)
4/2 (short)	293
5/1	430
6/1	248
6/2	579
7/1	657
8/1	567
8/2	401

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	30.1 %	1865	1865
				Arm 6 Ahead	Inf	69.9 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
				Arm 5 Ahead	Inf	52.7 %		
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 8 Left	12.00	47.3 %	1808	1808
				Arm 6 Right	12.00	100.0 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 13: '2031 + All Dev (Stage 2 Mitigation) AM' (FG13: '2031 + All Dev (Stage 2 Mitigation) AM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

Origin	Destination					
	A	B	C	D	Tot.	
A	0	62	772	232	1066	
B	82	0	85	362	529	
C	550	58	0	232	840	
D	96	243	343	0	682	
Tot.	728	363	1200	826	3117	

Full Input Data And Results

Traffic Lane Flows

Lane	Scenario 13: 2031 + All Dev (Stage 2 Mitiagtion) AM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	417
1/2 (with short)	649(In) 417(Out)
1/3 (short)	232
2/1	85
2/2 (with short)	444(In) 362(Out)
2/3 (short)	82
3/1 (short)	232
3/2 (with short)	507(In) 275(Out)
3/3 (with short)	333(In) 275(Out)
3/4 (short)	58
4/1 (with short)	682(In) 339(Out)
4/2 (short)	343
5/1	363
6/1	440
6/2	760
7/1	826
8/1	371
8/2	357

Full Input Data And Results

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	14.9 %	1900	1900
				Arm 6 Ahead	Inf	85.1 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 5 Ahead	Inf	71.7 %	1850	1850
				Arm 8 Left	12.00	28.3 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 14: '2031+ All Dev (Stage 2 Mitigation) PM' (FG14: '2031 + All Dev (Stage 2 Mitigation) PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

Origin	Destination					
	A	B	C	D	Tot.	
A	0	87	493	139	719	
B	96	0	62	143	301	
C	723	100	0	347	1170	
D	215	306	319	0	840	
Tot.	1034	493	874	629	3030	

Full Input Data And Results

Traffic Lane Flows

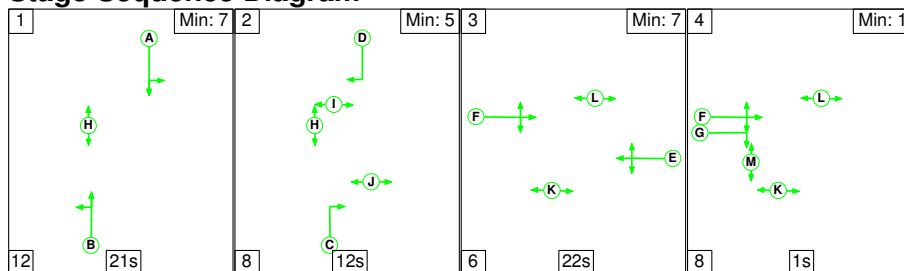
Lane	Scenario 14: 2031+ All Dev (Stage 2 Mitiagtion) PM
Junction: A6030 Victoria Rd East / Gipsy Ln	
1/1	290
1/2 (with short)	429(In) 290(Out)
1/3 (short)	139
2/1	62
2/2 (with short)	239(In) 143(Out)
2/3 (short)	96
3/1 (short)	347
3/2 (with short)	709(In) 362(Out)
3/3 (with short)	461(In) 361(Out)
3/4 (short)	100
4/1 (with short)	840(In) 521(Out)
4/2 (short)	319
5/1	493
6/1	265
6/2	609
7/1	629
8/1	577
8/2	457

Lane Saturation Flows

Junction: A6030 Victoria Rd East / Gipsy Ln								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (A6030 VREE)	3.20	0.00	Y	Arm 5 Left	12.00	30.0 %	1865	1865
				Arm 6 Ahead	Inf	70.0 %		
1/2 (A6030 VREE)	3.20	0.00	N	Arm 6 Ahead	Inf	100.0 %	2075	2075
1/3 (A6030 VREE)	3.00	0.00	Y	Arm 7 Right	12.00	100.0 %	1702	1702
2/1 (Gipsy Ln E)	3.00	0.00	Y	Arm 6 Left	12.00	100.0 %	1702	1702
2/2 (Gipsy Ln E)	3.00	0.00	Y	Arm 7 Ahead	Inf	100.0 %	1915	1915
2/3 (Gipsy Ln E)	3.00	0.00	Y	Arm 8 Right	12.00	100.0 %	1702	1702
3/1 (A6030 VRE S)	3.00	0.00	Y	Arm 7 Left	12.00	100.0 %	1702	1702
3/2 (A6030 VRE S)	3.00	0.00	Y	Arm 8 Ahead	Inf	100.0 %	1915	1915
3/3 (A6030 VRE S)	3.00	0.00	N	Arm 8 Ahead	Inf	100.0 %	2055	2055
3/4 (A6030 VRE S)	3.00	0.00	Y	Arm 5 Right	12.00	100.0 %	1702	1702
4/1 (Gipsy Ln W)	3.00	0.00	Y	Arm 5 Ahead	Inf	58.7 %	1821	1821
				Arm 8 Left	12.00	41.3 %		
4/2 (Gipsy Ln W)	3.00	0.00	Y	Arm 6 Right	12.00	100.0 %	1702	1702
5/1	Infinite Saturation Flow						Inf	Inf
6/1	Infinite Saturation Flow						Inf	Inf
6/2	Infinite Saturation Flow						Inf	Inf
7/1	Infinite Saturation Flow						Inf	Inf
8/1	Infinite Saturation Flow						Inf	Inf
8/2	Infinite Saturation Flow						Inf	Inf

Scenario 1: '2014 AM' (FG1: '2014 AM Base', Plan 1: 'Network Control Plan 1')

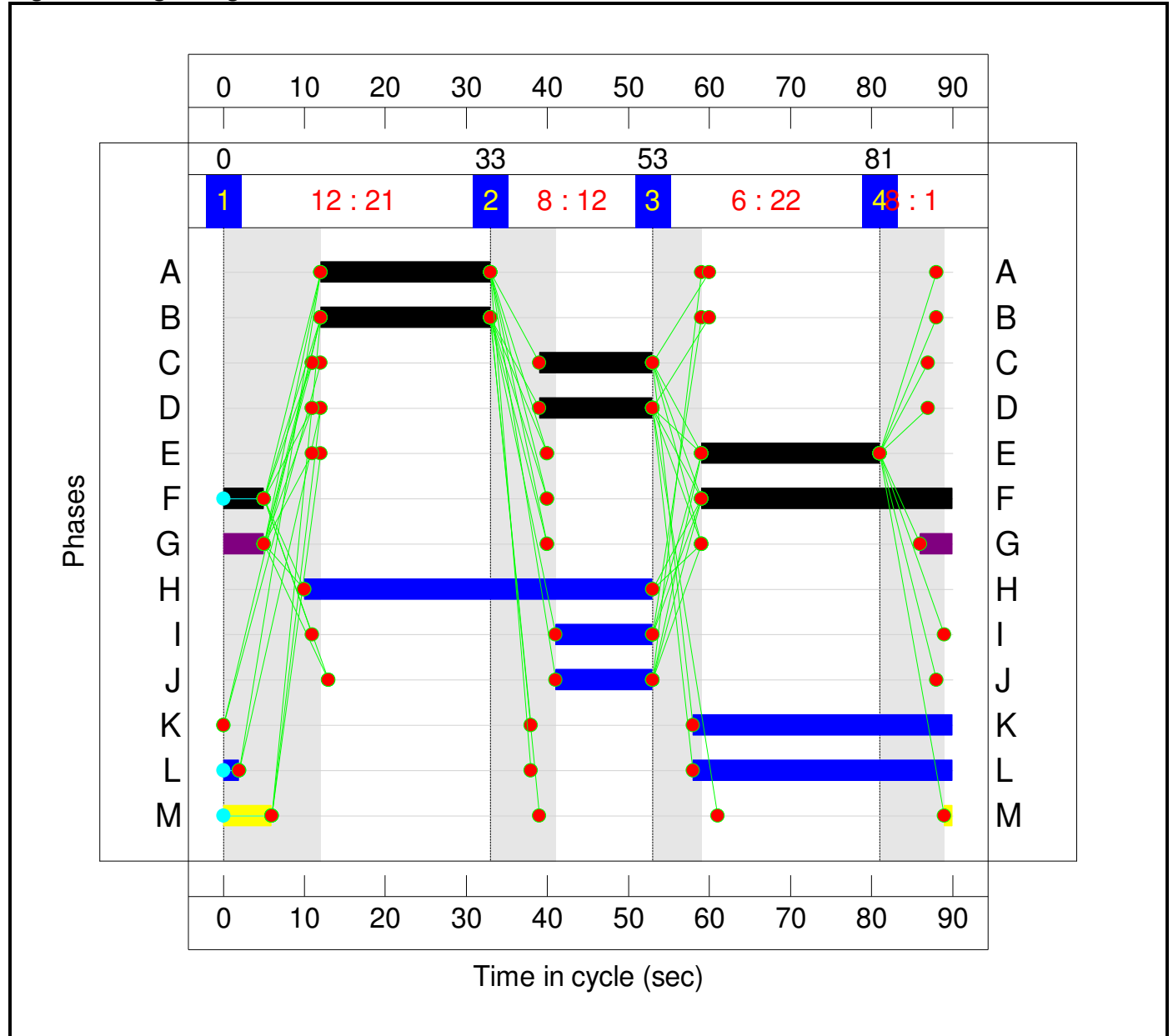
Stage Sequence Diagram



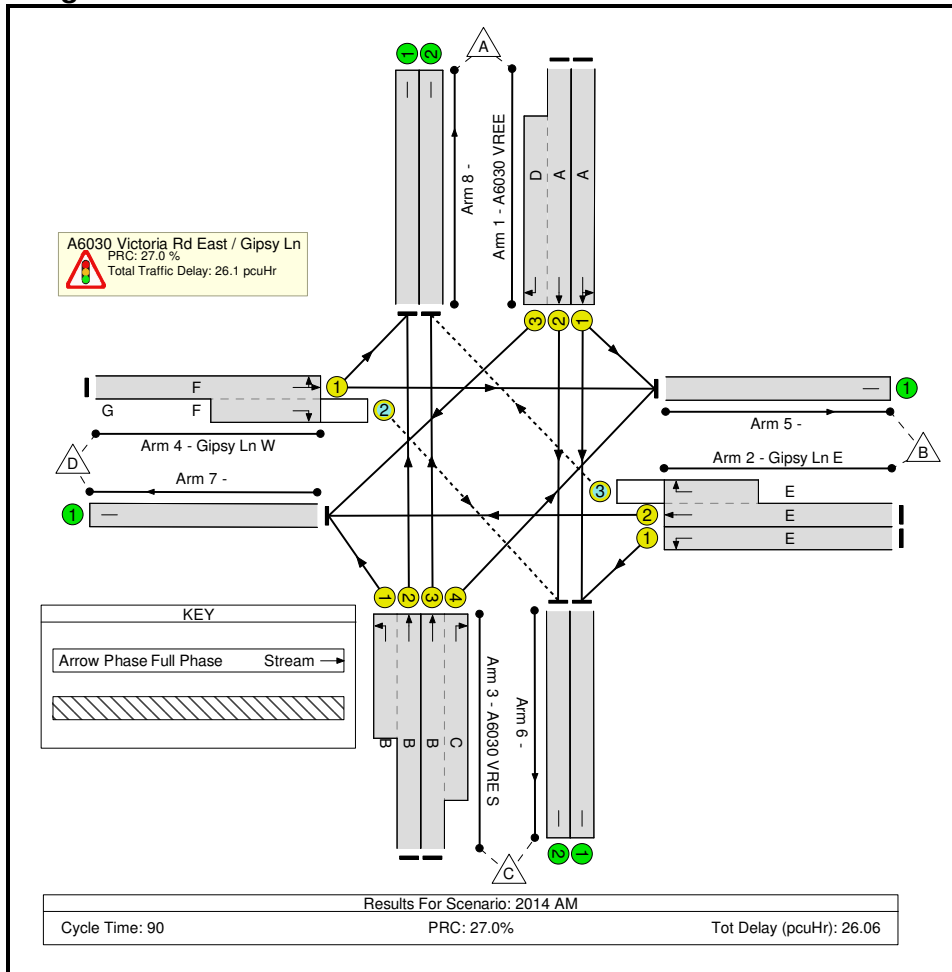
Stage Timings

Stage	1	2	3	4
Duration	21	12	22	1
Change Point	0	33	53	81

Signal Timings Diagram



Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	70.9%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	70.9%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	21	-	328	1910	467	70.3%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	21:14	-	529	2075:1702	507+284	64.7 : 70.9%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	98	1702	435	22.5%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	378	1915:1702	443+102	69.4 : 69.4%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	21	-	405	1915:1702	352+371	56.0 : 56.0%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	21:14	-	248	2055:1702	497+132	39.4 : 39.4%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	545	1841:1702	370+418	69.2 : 69.2%
5/1		U	N/A	N/A	-		-	-	-	261	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	391	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	617	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	716	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	279	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	267	Inf	Inf	0.0%

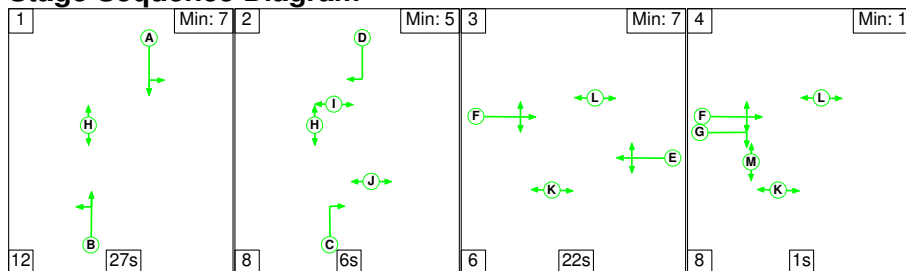
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	182	169	10	19.8	5.5	0.8	26.1	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	182	169	10	19.8	5.5	0.8	26.1	-	-	-	-
1/1	328	328	-	-	-	2.8	1.2	-	4.0	43.8	7.5	1.2	8.6
1/2+1/3	529	529	-	-	-	4.8	1.0	-	5.8	39.2	7.3	1.0	8.3
2/1	98	98	-	-	-	0.7	0.1	-	0.9	31.8	1.9	0.1	2.1
2/2+2/3	378	378	71	0	0	3.1	1.1	0.1	4.3	41.0	6.9	1.1	8.0
3/2+3/1	405	405	-	-	-	3.3	0.6	-	3.9	34.6	4.4	0.6	5.1
3/3+3/4	248	248	-	-	-	2.0	0.3	-	2.3	33.9	4.1	0.3	4.4
4/1+4/2	545	545	111	169	10	3.2	1.1	0.6	4.9	32.4	6.3	1.1	7.5
5/1	261	261	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	391	391	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	617	617	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	716	716	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	279	279	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	267	267	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		27.0	Total Delay for Signalled Lanes (pcuHr):		26.06	Cycle Time (s):		90		
			PRC Over All Lanes (%):		27.0	Total Delay Over All Lanes(pcuHr):		26.06					

Full Input Data And Results

Scenario 2: '2014 PM' (FG2: '2014 PM Base', Plan 1: 'Network Control Plan 1')

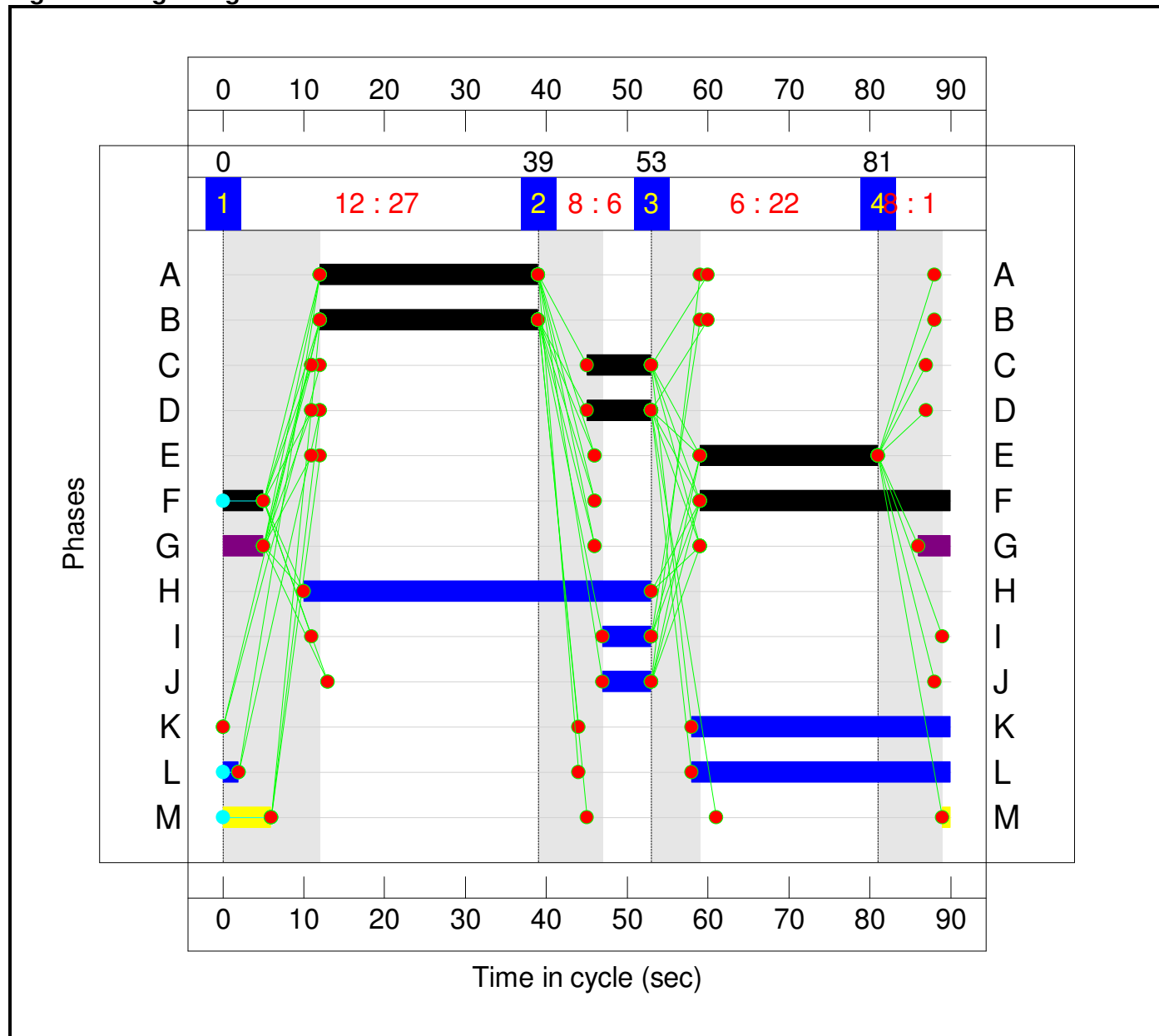
Stage Sequence Diagram



Stage Timings

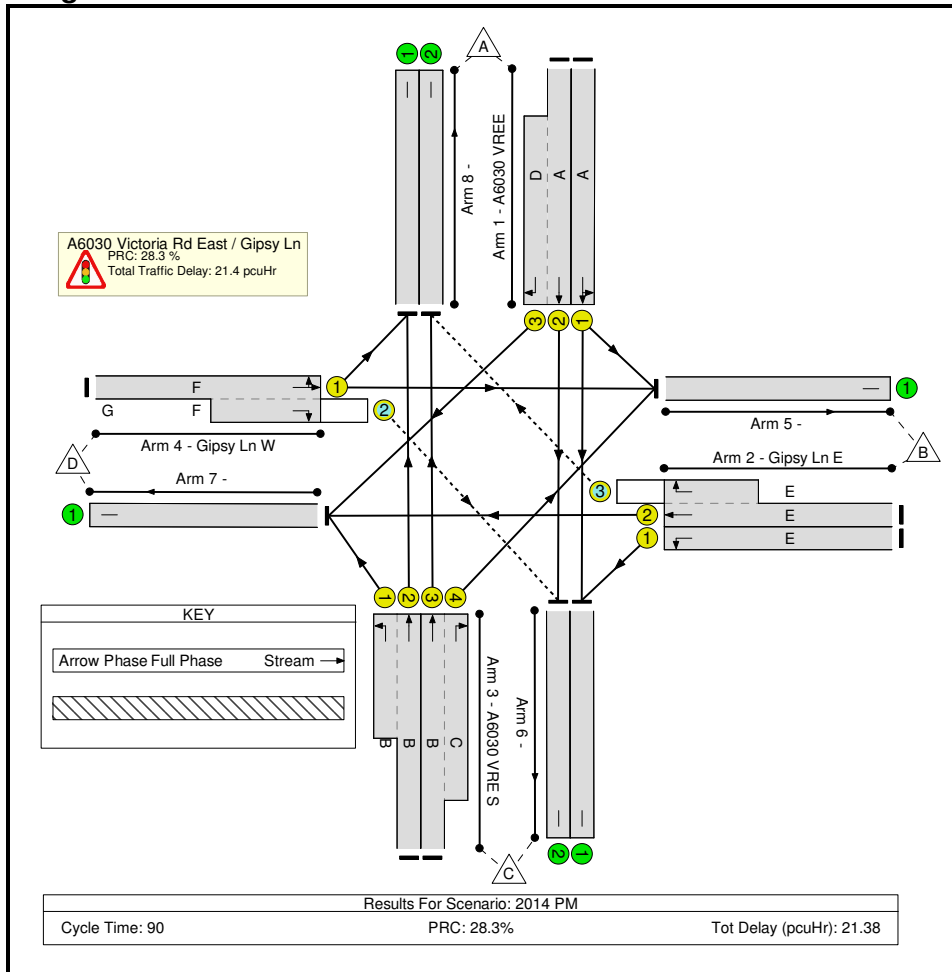
Stage	1	2	3	4
Duration	27	6	22	1
Change Point	0	39	53	81

Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	70.1%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	70.1%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	27	-	246	1865	580	42.4%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	27:8	-	365	2075:1702	640+170	38.4 : 69.9%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	41	1702	435	9.4%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	187	1915:1702	434+122	33.6 : 33.6%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	27	-	598	1915:1702	438+429	69.0 : 69.0%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	27:8	-	390	2055:1702	598+170	50.4 : 52.3%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	639	1808:1702	555+356	70.1 : 70.1%
5/1		U	N/A	N/A	-		-	-	-	368	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	213	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	496	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	561	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	486	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	342	Inf	Inf	0.0%

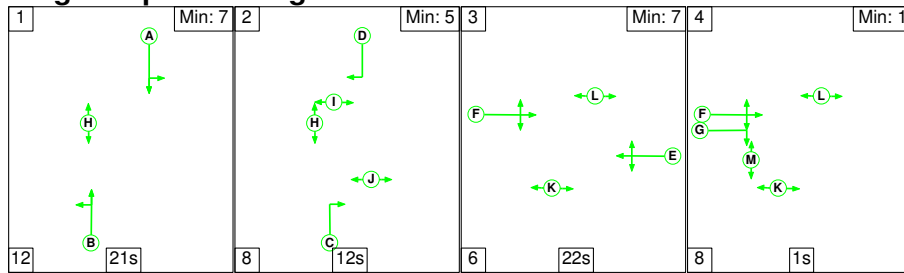
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	249	33	8	17.1	3.9	0.4	21.4	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	249	33	8	17.1	3.9	0.4	21.4	-	-	-	-
1/1	246	246	-	-	-	1.7	0.4	-	2.0	30.0	4.9	0.4	5.2
1/2+1/3	365	365	-	-	-	3.0	0.4	-	3.4	33.1	4.8	0.4	5.2
2/1	41	41	-	-	-	0.3	0.1	-	0.3	30.2	0.8	0.1	0.8
2/2+2/3	187	187	41	0	0	1.4	0.3	0.1	1.8	34.3	2.9	0.3	3.2
3/2+3/1	598	598	-	-	-	4.3	1.1	-	5.4	32.2	6.2	1.1	7.3
3/3+3/4	390	390	-	-	-	3.0	0.5	-	3.6	32.8	6.0	0.5	6.5
4/1+4/2	639	639	208	33	8	3.5	1.2	0.3	4.9	27.8	7.7	1.2	8.9
5/1	368	368	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	213	213	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	496	496	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	561	561	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	486	486	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	342	342	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		28.3	Total Delay for Signalled Lanes (pcuHr):		21.38	Cycle Time (s): 90				
			PRC Over All Lanes (%):		28.3	Total Delay Over All Lanes(pcuHr):		21.38					

Full Input Data And Results

Scenario 3: '2016 +Com Dev AM' (FG3: '2016 + ComDev AM', Plan 1: 'Network Control Plan 1')

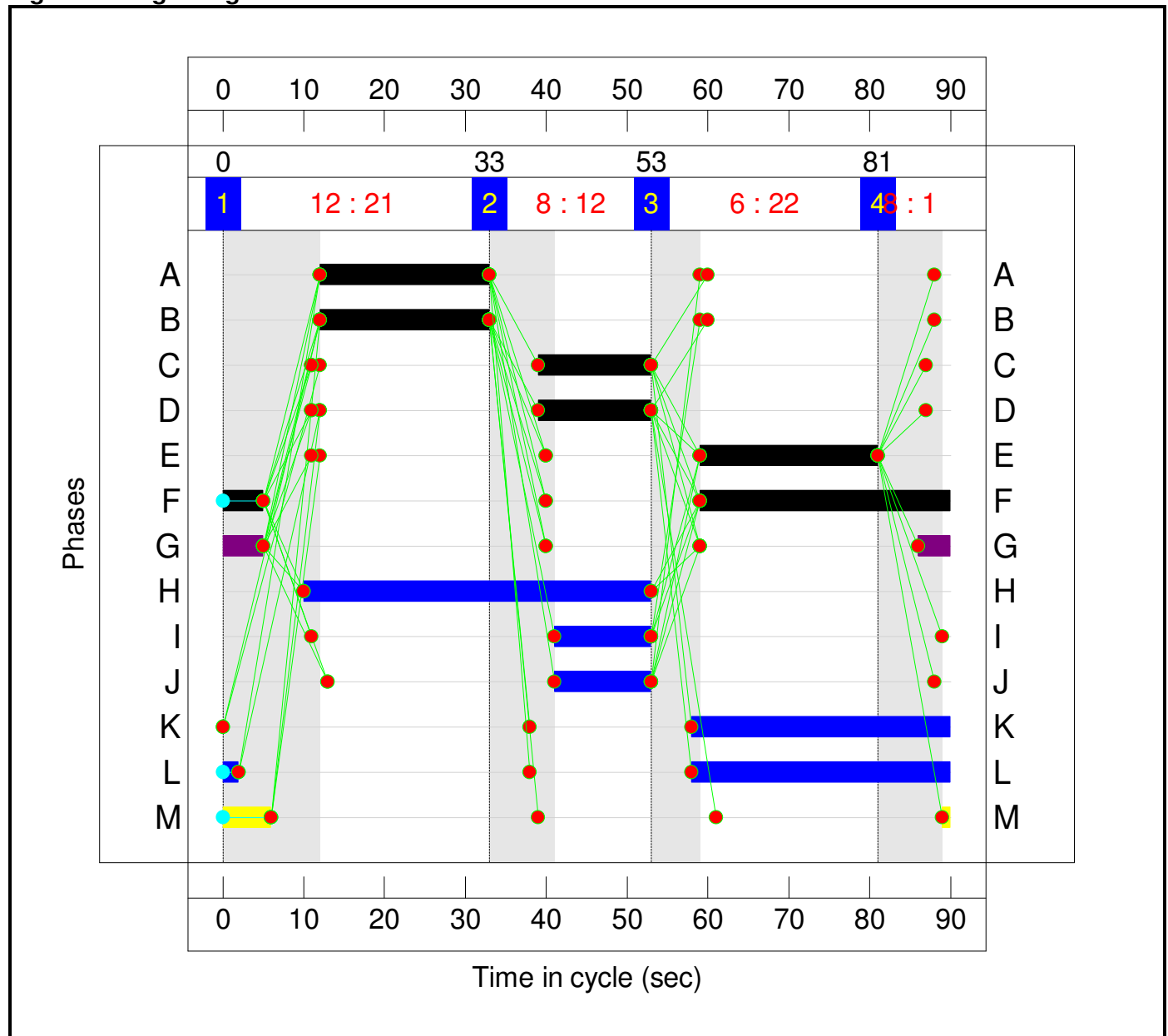
Stage Sequence Diagram



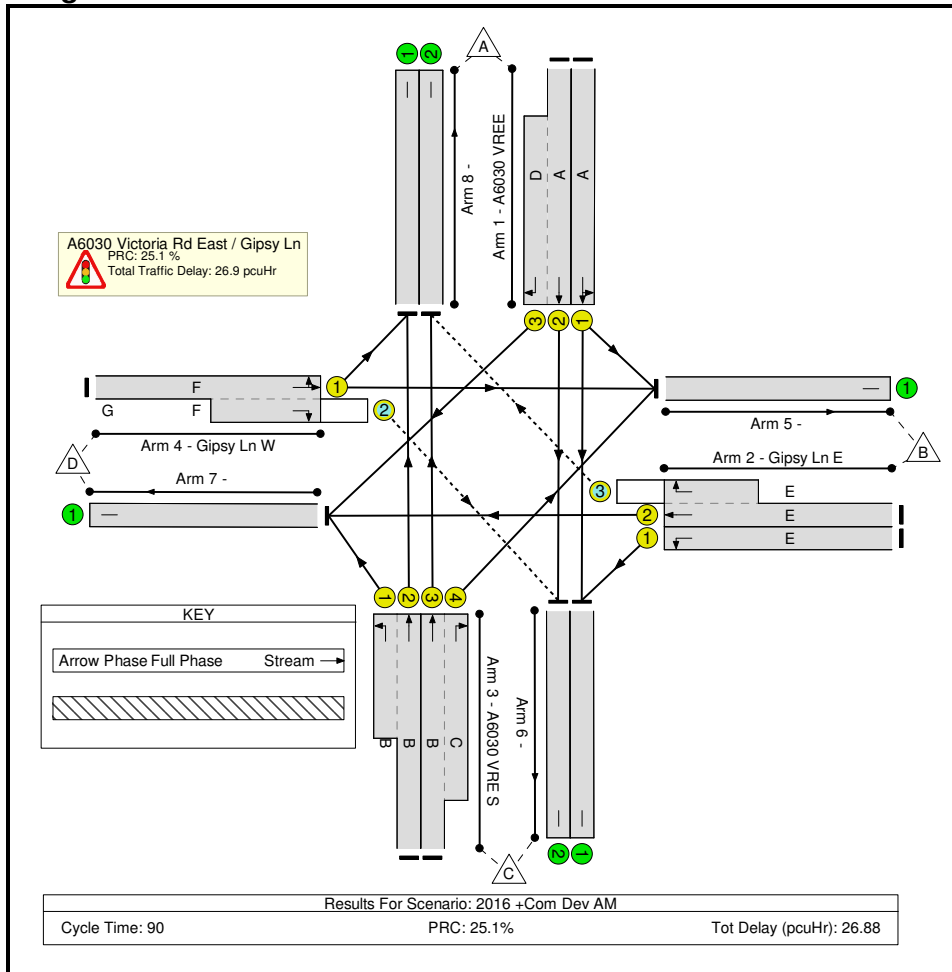
Stage Timings

Stage	1	2	3	4
Duration	21	12	22	1
Change Point	0	33	53	81

Signal Timings Diagram



Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	71.9%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	71.9%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	21	-	334	1909	467	71.6%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	21:14	-	538	2075:1702	507+284	65.8 : 71.9%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	100	1702	435	23.0%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	386	1915:1702	442+103	70.8 : 70.8%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	21	-	411	1915:1702	352+371	56.8 : 56.8%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	21:14	-	253	2055:1702	497+132	40.2 : 40.2%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	555	1841:1702	366+412	71.4 : 71.4%
5/1		U	N/A	N/A	-		-	-	-	266	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	398	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	628	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	728	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	284	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	273	Inf	Inf	0.0%

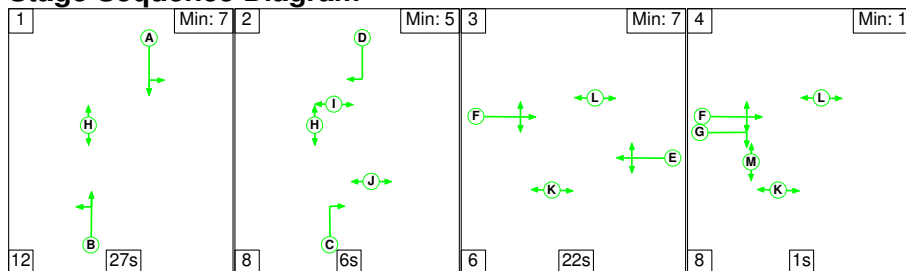
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	178	179	10	20.2	5.9	0.8	26.9	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	178	179	10	20.2	5.9	0.8	26.9	-	-	-	-
1/1	334	334	-	-	-	2.9	1.2	-	4.1	44.5	7.6	1.2	8.8
1/2+1/3	538	538	-	-	-	4.9	1.1	-	5.9	39.5	7.5	1.1	8.6
2/1	100	100	-	-	-	0.7	0.1	-	0.9	31.9	2.0	0.1	2.1
2/2+2/3	386	386	73	0	0	3.1	1.2	0.1	4.5	41.6	7.2	1.2	8.4
3/2+3/1	411	411	-	-	-	3.3	0.7	-	4.0	34.8	4.5	0.7	5.2
3/3+3/4	253	253	-	-	-	2.1	0.3	-	2.4	34.0	4.2	0.3	4.5
4/1+4/2	555	555	105	179	10	3.2	1.2	0.7	5.1	33.3	6.5	1.2	7.7
5/1	266	266	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	398	398	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	628	628	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	728	728	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	284	284	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	273	273	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		25.1	Total Delay for Signalled Lanes (pcuHr):		26.88	Cycle Time (s): 90				
			PRC Over All Lanes (%):		25.1	Total Delay Over All Lanes(pcuHr):		26.88					

Full Input Data And Results

Scenario 4: '2016 +Com Dev PM' (FG4: '2016 + ComDev PM', Plan 1: 'Network Control Plan 1')

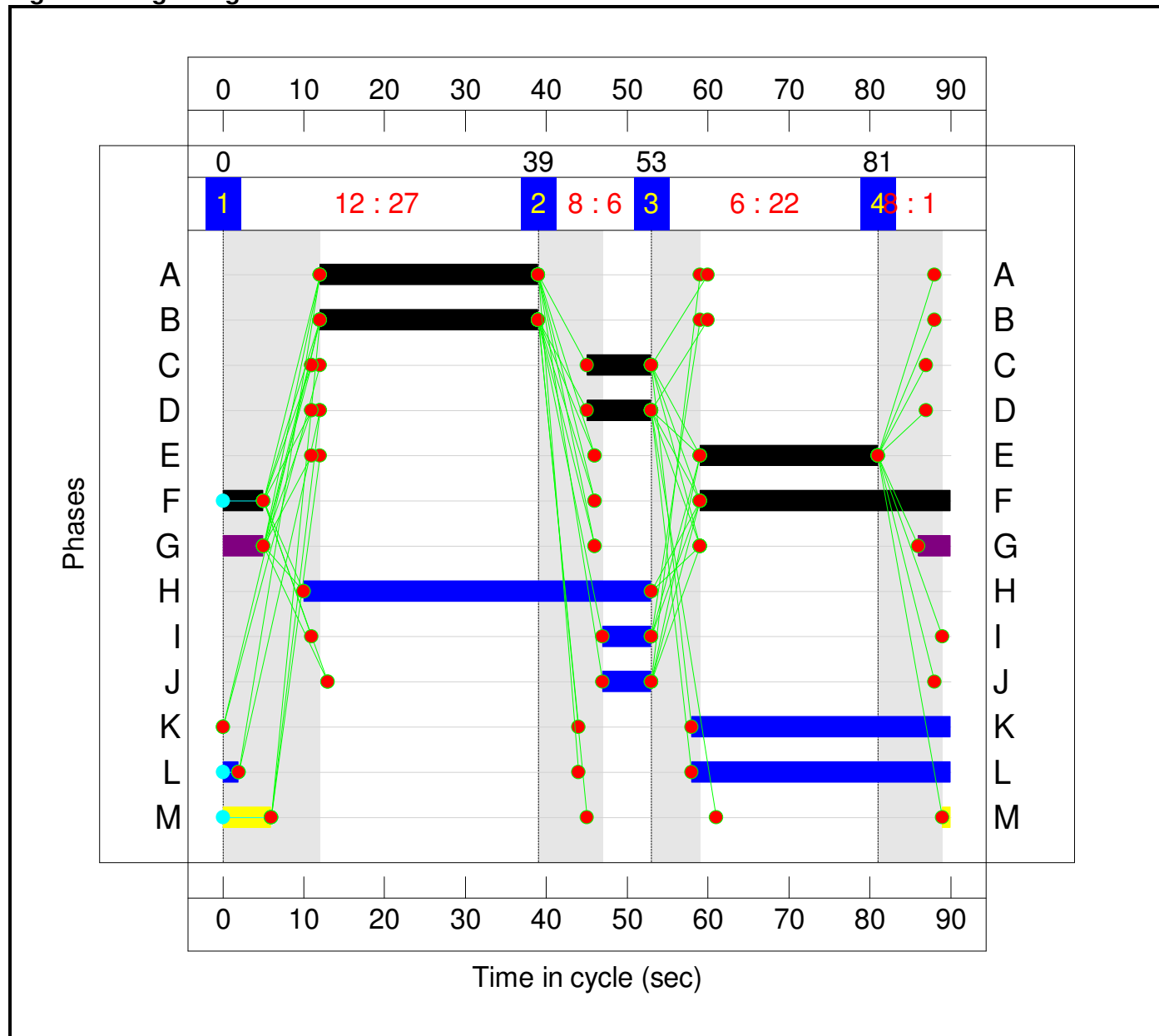
Stage Sequence Diagram



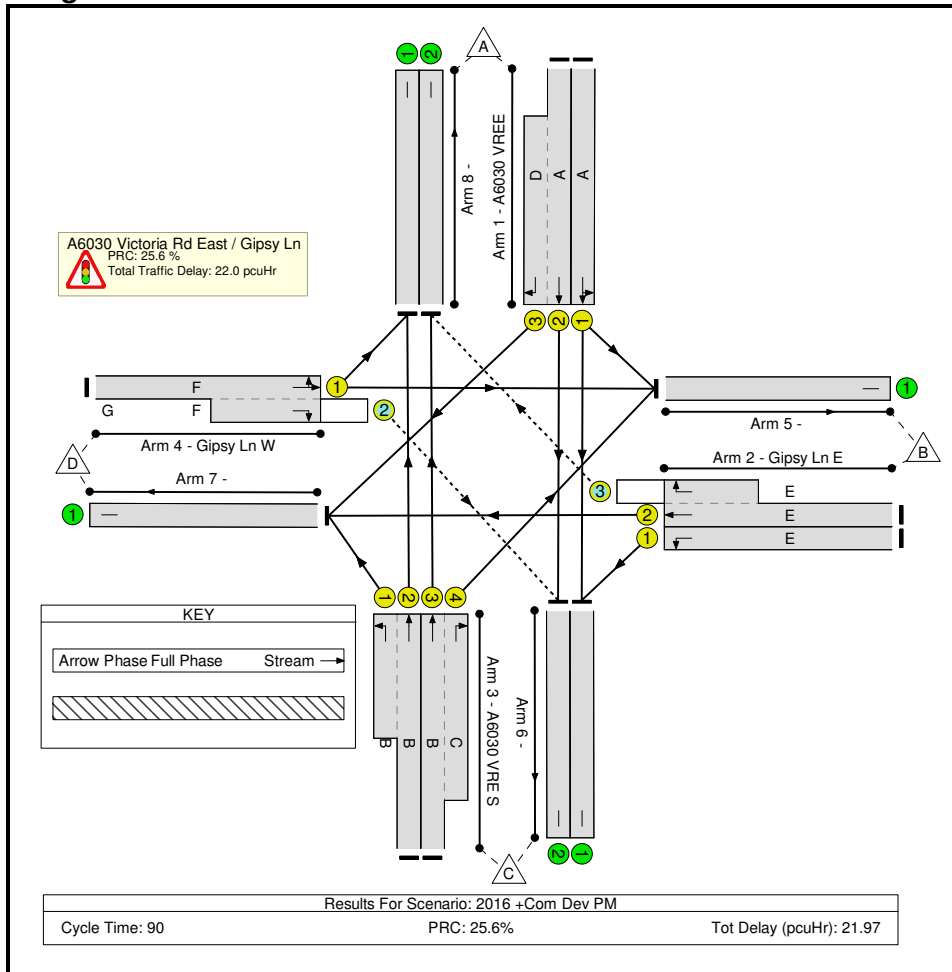
Stage Timings

Stage	1	2	3	4
Duration	27	6	22	1
Change Point	0	39	53	81

Signal Timings Diagram



Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	71.7%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	71.7%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	27	-	251	1864	580	43.3%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	27:8	-	372	2075:1702	640+170	39.1 : 71.7%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	42	1702	435	9.7%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	190	1915:1702	434+123	34.1 : 34.1%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	27	-	608	1915:1702	438+429	70.1 : 70.1%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	27:8	-	398	2055:1702	598+170	51.4 : 53.5%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	651	1808:1702	554+357	71.4 : 71.4%
5/1		U	N/A	N/A	-		-	-	-	376	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	217	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	505	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	571	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	494	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	349	Inf	Inf	0.0%

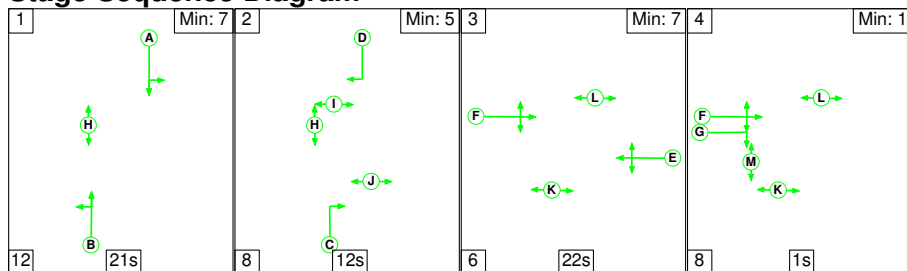
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	255	34	8	17.5	4.1	0.4	22.0	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	255	34	8	17.5	4.1	0.4	22.0	-	-	-	-
1/1	251	251	-	-	-	1.7	0.4	-	2.1	30.1	5.0	0.4	5.3
1/2+1/3	372	372	-	-	-	3.0	0.4	-	3.4	33.3	4.9	0.4	5.3
2/1	42	42	-	-	-	0.3	0.1	-	0.4	30.2	0.8	0.1	0.8
2/2+2/3	190	190	42	0	0	1.4	0.3	0.1	1.8	34.4	3.0	0.3	3.2
3/2+3/1	608	608	-	-	-	4.3	1.2	-	5.5	32.6	6.3	1.2	7.4
3/3+3/4	398	398	-	-	-	3.1	0.5	-	3.7	33.0	6.1	0.5	6.7
4/1+4/2	651	651	212	34	8	3.6	1.2	0.3	5.1	28.2	7.9	1.2	9.1
5/1	376	376	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	217	217	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	505	505	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	571	571	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	494	494	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	349	349	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		25.6	Total Delay for Signalled Lanes (pcuHr):		21.97	Cycle Time (s): 90				
			PRC Over All Lanes (%):		25.6	Total Delay Over All Lanes(pcuHr):		21.97					

Full Input Data And Results

Scenario 5: '2016 +Com Dev + Ph1 AM' (FG5: '2016 + ComDev +Ph1 AM', Plan 1: 'Network Control Plan 1')

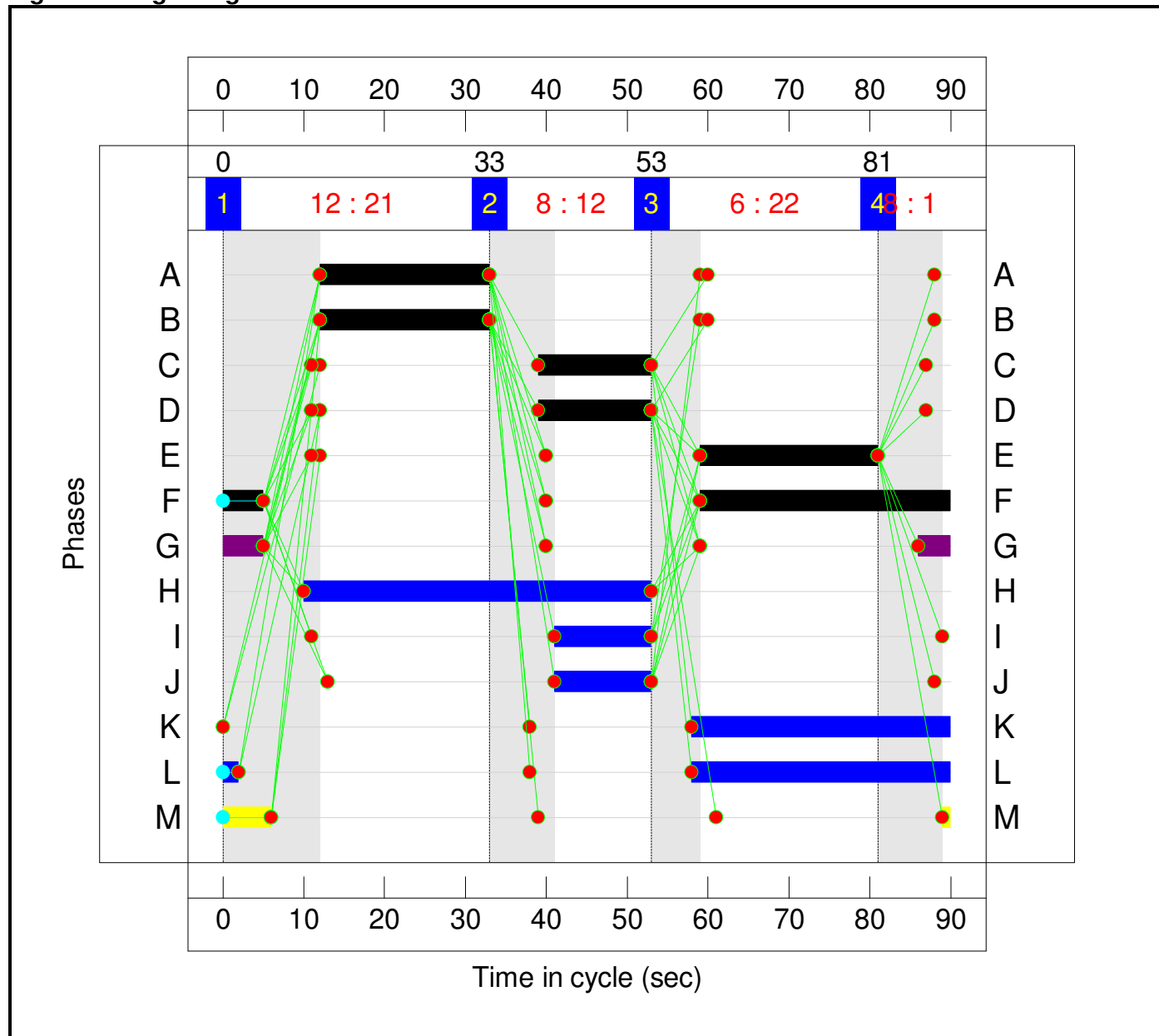
Stage Sequence Diagram



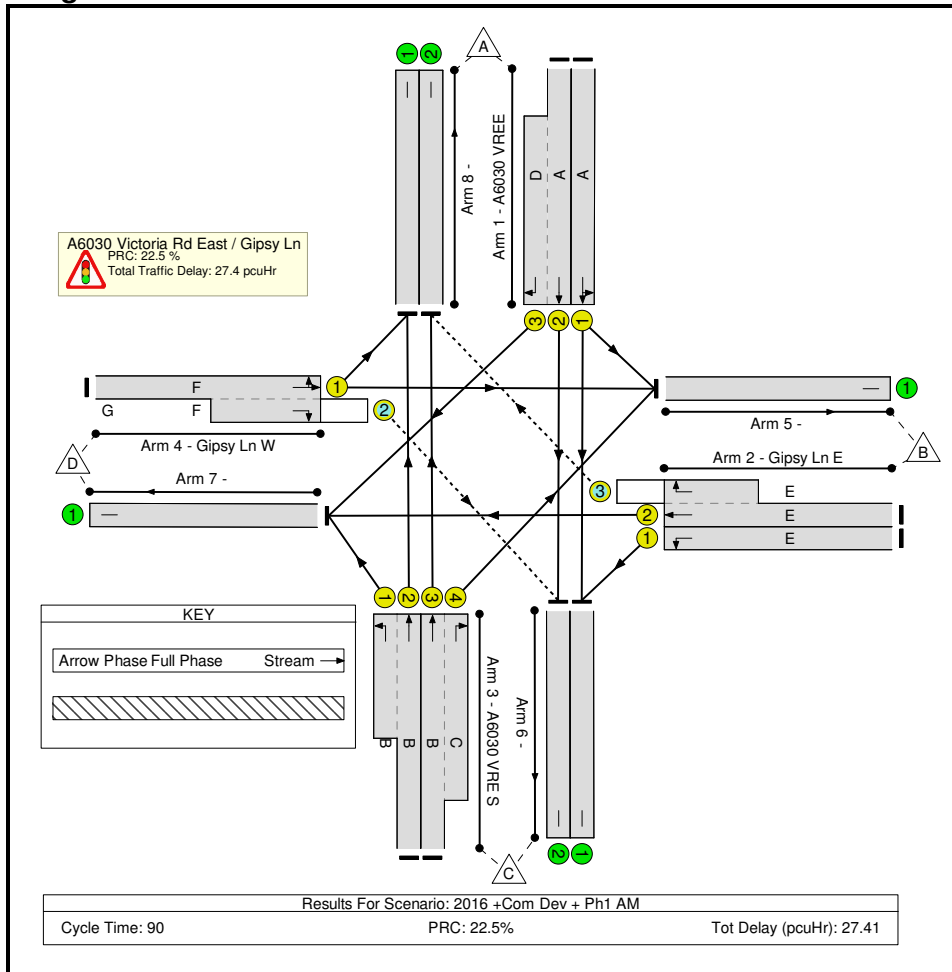
Stage Timings

Stage	1	2	3	4
Duration	21	12	22	1
Change Point	0	33	53	81

Signal Timings Diagram



Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	73.5%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	73.5%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	21	-	344	1915	468	73.5%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	21:14	-	547	2075:1702	507+284	67.6 : 71.9%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	98	1702	435	22.5%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	381	1915:1702	442+103	69.9 : 69.9%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	21	-	418	1915:1702	348+372	58.1 : 58.1%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	21:14	-	253	2055:1702	497+129	40.4 : 40.4%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	580	1846:1702	394+416	71.6 : 71.6%
5/1		U	N/A	N/A	-		-	-	-	279	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	413	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	641	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	729	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	286	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	273	Inf	Inf	0.0%

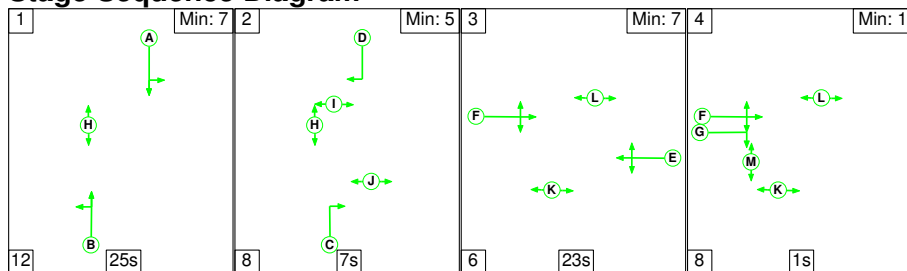
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	182	179	10	20.6	6.0	0.8	27.4	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	182	179	10	20.6	6.0	0.8	27.4	-	-	-	-
1/1	344	344	-	-	-	3.0	1.4	-	4.3	45.5	7.8	1.4	9.2
1/2+1/3	547	547	-	-	-	4.9	1.1	-	6.1	39.9	7.7	1.1	8.8
2/1	98	98	-	-	-	0.7	0.1	-	0.9	31.8	1.9	0.1	2.1
2/2+2/3	381	381	72	0	0	3.1	1.1	0.2	4.4	41.4	7.1	1.1	8.2
3/2+3/1	418	418	-	-	-	3.4	0.7	-	4.1	35.0	4.6	0.7	5.3
3/3+3/4	253	253	-	-	-	2.1	0.3	-	2.4	34.1	4.2	0.3	4.5
4/1+4/2	580	580	110	179	10	3.4	1.2	0.6	5.3	32.9	6.5	1.2	7.8
5/1	279	279	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	413	413	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	641	641	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	729	729	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	286	286	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	273	273	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		22.5	Total Delay for Signalled Lanes (pcuHr):		27.41	Cycle Time (s):		90		
			PRC Over All Lanes (%):		22.5	Total Delay Over All Lanes(pcuHr):		27.41					

Full Input Data And Results

Scenario 6: '2016 +Com Dev + Ph1 PM' (FG6: '2016 + ComDev +Ph1 PM', Plan 1: 'Network Control Plan 1')

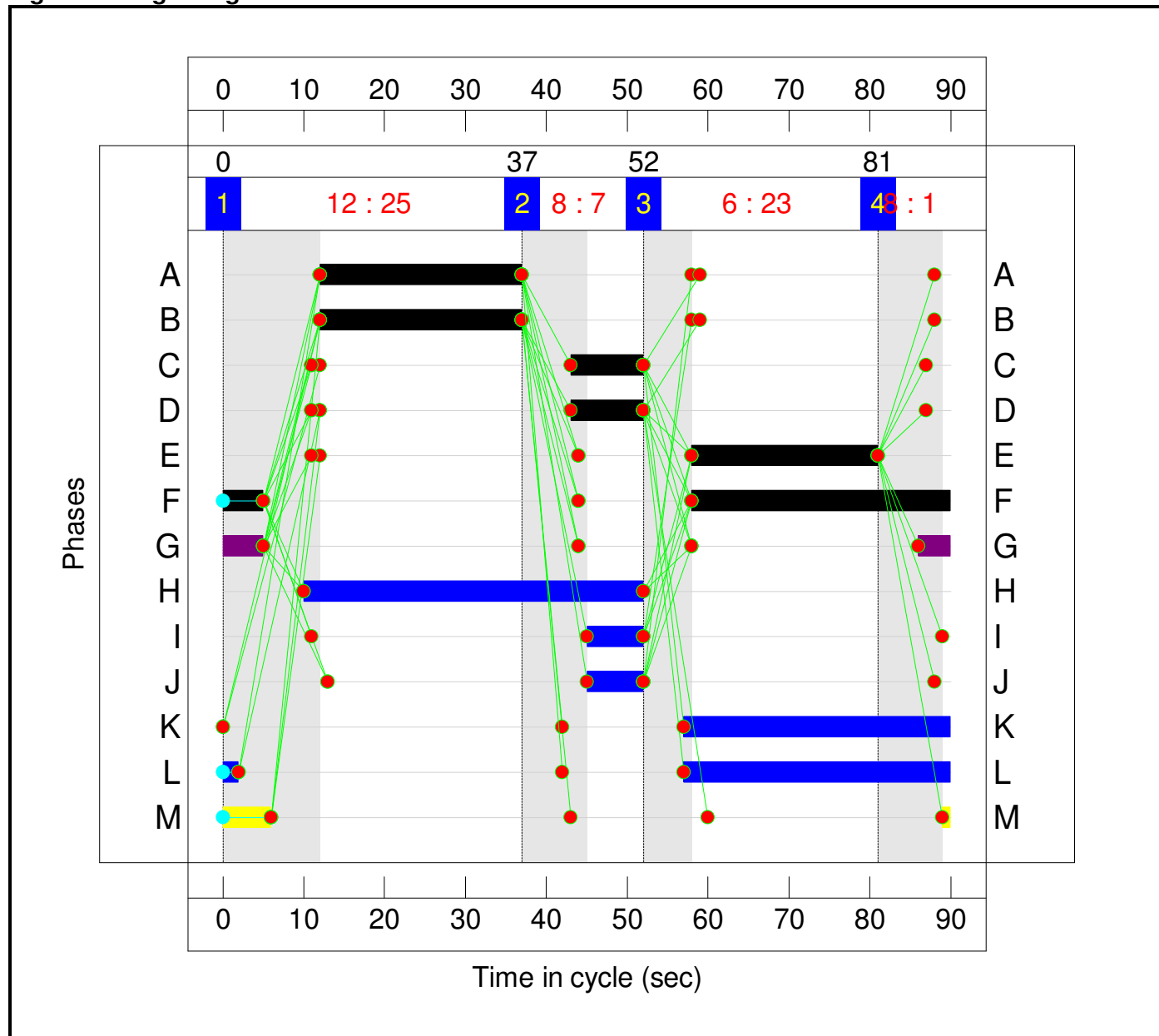
Stage Sequence Diagram



Stage Timings

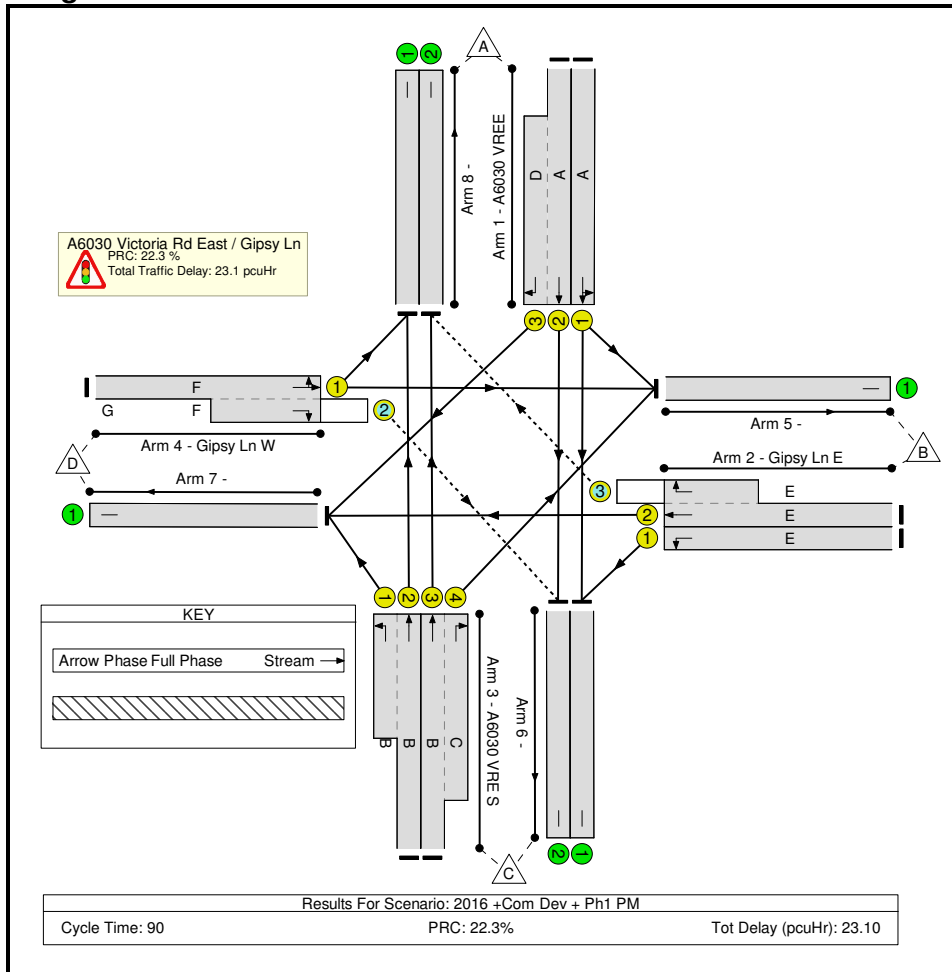
Stage	1	2	3	4
Duration	25	7	23	1
Change Point	0	37	52	81

Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	73.6%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	73.6%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	25	-	258	1867	539	47.8%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	25:9	-	387	2075:1702	599+189	43.0 : 68.2%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	23	-	34	1702	454	7.5%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	23	-	185	1915:1702	454+117	32.4 : 32.4%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	25	-	609	1915:1702	419+409	73.6 : 73.6%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	25:9	-	393	2055:1702	566+156	54.5 : 54.5%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	37	9	677	1814:1702	574+349	73.4 : 73.4%
5/1		U	N/A	N/A	-		-	-	-	394	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	217	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	514	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	577	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	495	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	346	Inf	Inf	0.0%

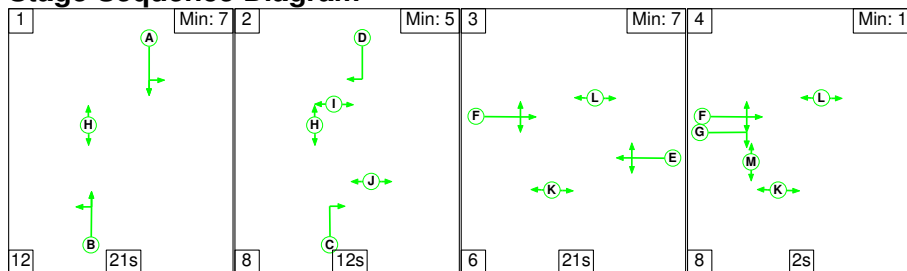
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	251	34	9	18.1	4.6	0.4	23.1	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	251	34	9	18.1	4.6	0.4	23.1	-	-	-	-
1/1	258	258	-	-	-	1.9	0.5	-	2.3	32.8	5.3	0.5	5.8
1/2+1/3	387	387	-	-	-	3.2	0.5	-	3.7	34.6	5.2	0.5	5.7
2/1	34	34	-	-	-	0.2	0.0	-	0.3	29.0	0.6	0.0	0.7
2/2+2/3	185	185	38	0	0	1.3	0.2	0.1	1.7	33.4	2.9	0.2	3.1
3/2+3/1	609	609	-	-	-	4.6	1.4	-	6.0	35.5	6.5	1.4	7.9
3/3+3/4	393	393	-	-	-	3.2	0.6	-	3.8	34.5	6.4	0.6	7.0
4/1+4/2	677	677	213	34	9	3.6	1.4	0.3	5.3	28.0	8.9	1.4	10.2
5/1	394	394	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	217	217	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	514	514	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	577	577	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	495	495	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	346	346	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		22.3	Total Delay for Signalled Lanes (pcuHr):		23.10	Cycle Time (s):		90		
			PRC Over All Lanes (%):		22.3	Total Delay Over All Lanes(pcuHr):		23.10					

Full Input Data And Results

Scenario 7: '2021 +Com Dev AM' (FG7: '2021 + ComDev AM', Plan 1: 'Network Control Plan 1')

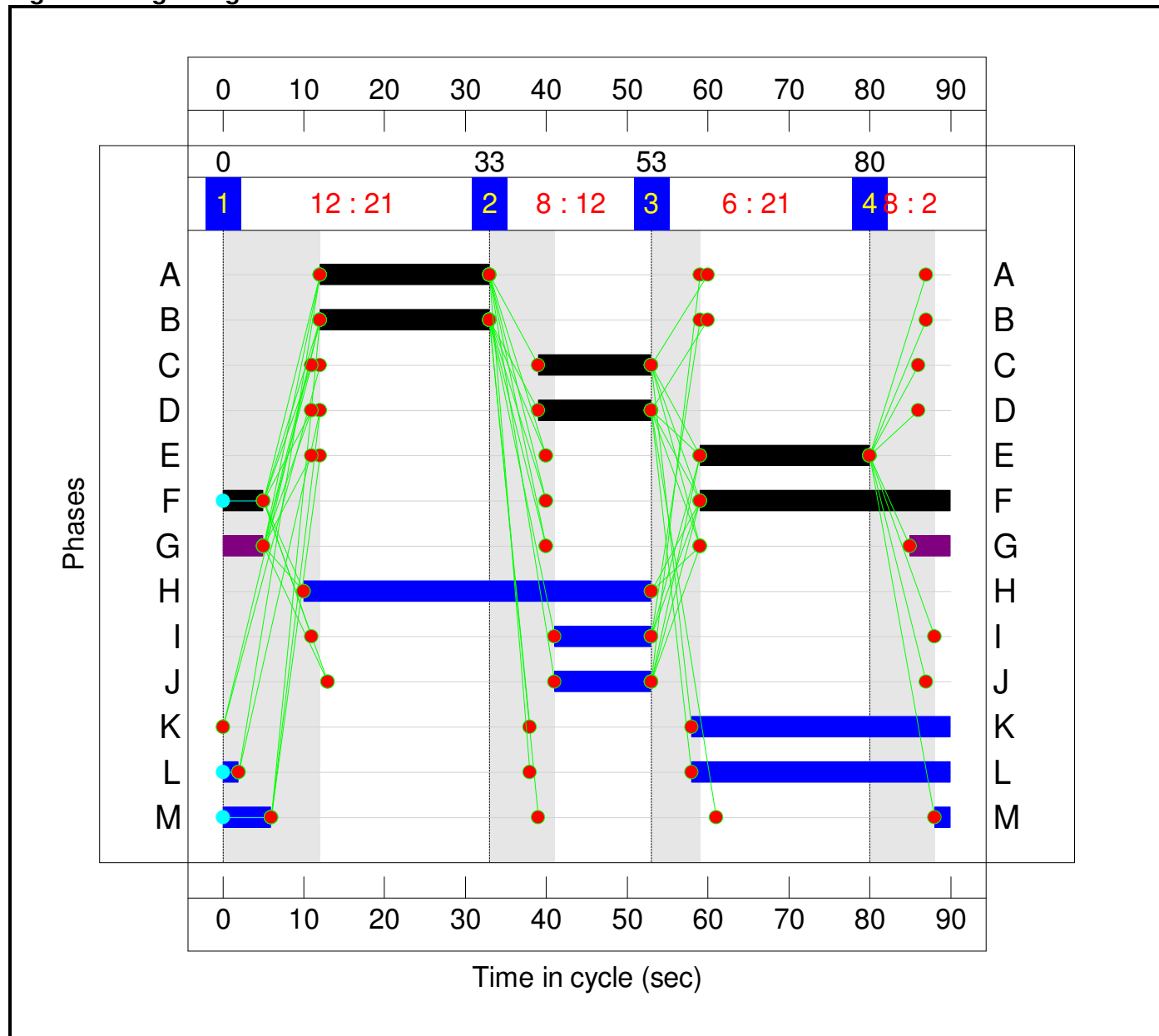
Stage Sequence Diagram



Stage Timings

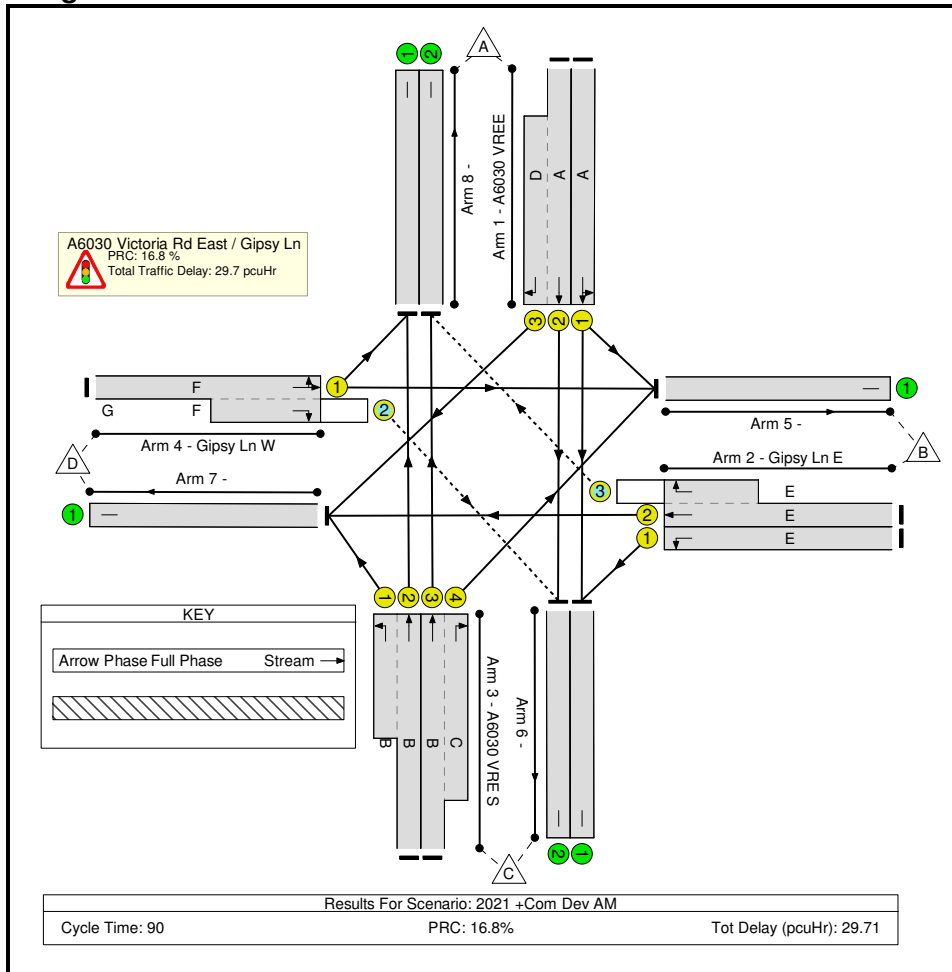
Stage	1	2	3	4
Duration	21	12	21	2
Change Point	0	33	53	80

Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	77.1%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	77.1%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	21	-	351	1909	467	75.2%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	21:14	-	565	2075:1702	507+284	69.2 : 75.4%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	21	-	105	1702	416	25.2%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	21	-	404	1915:1702	426+99	77.1 : 77.1%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	21	-	432	1915:1702	351+371	59.8 : 59.8%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	21:14	-	266	2055:1702	497+133	42.2 : 42.2%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	10	583	1841:1702	357+403	76.7 : 76.7%
5/1		U	N/A	N/A	-		-	-	-	280	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	418	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	660	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	764	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	298	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	286	Inf	Inf	0.0%

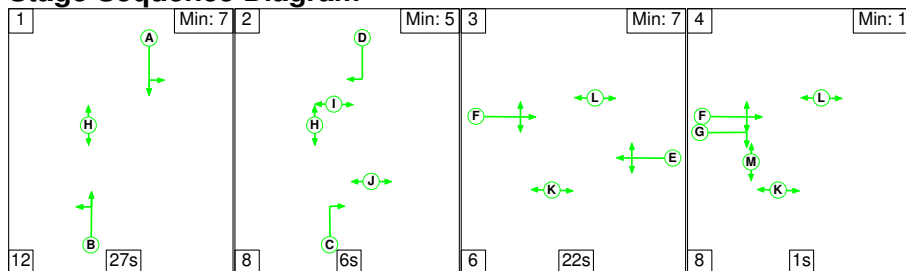
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	153	222	10	21.6	7.2	0.8	29.7	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	153	222	10	21.6	7.2	0.8	29.7	-	-	-	-
1/1	351	351	-	-	-	3.1	1.5	-	4.5	46.7	8.1	1.5	9.6
1/2+1/3	565	565	-	-	-	5.1	1.2	-	6.4	40.6	7.9	1.2	9.1
2/1	105	105	-	-	-	0.8	0.2	-	1.0	33.2	2.1	0.2	2.3
2/2+2/3	404	404	76	0	0	3.4	1.6	0.1	5.2	46.3	7.8	1.6	9.4
3/2+3/1	432	432	-	-	-	3.5	0.7	-	4.2	35.4	4.8	0.7	5.5
3/3+3/4	266	266	-	-	-	2.2	0.4	-	2.5	34.3	4.4	0.4	4.7
4/1+4/2	583	583	77	222	10	3.5	1.6	0.7	5.8	36.0	7.0	1.6	8.6
5/1	280	280	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	418	418	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	660	660	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	764	764	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	298	298	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	286	286	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		16.8	Total Delay for Signalled Lanes (pcuHr):		29.71	Cycle Time (s):		90		
			PRC Over All Lanes (%):		16.8	Total Delay Over All Lanes(pcuHr):		29.71					

Full Input Data And Results

Scenario 8: '2021 +Com Dev PM' (FG8: '2021 + ComDev PM', Plan 1: 'Network Control Plan 1')

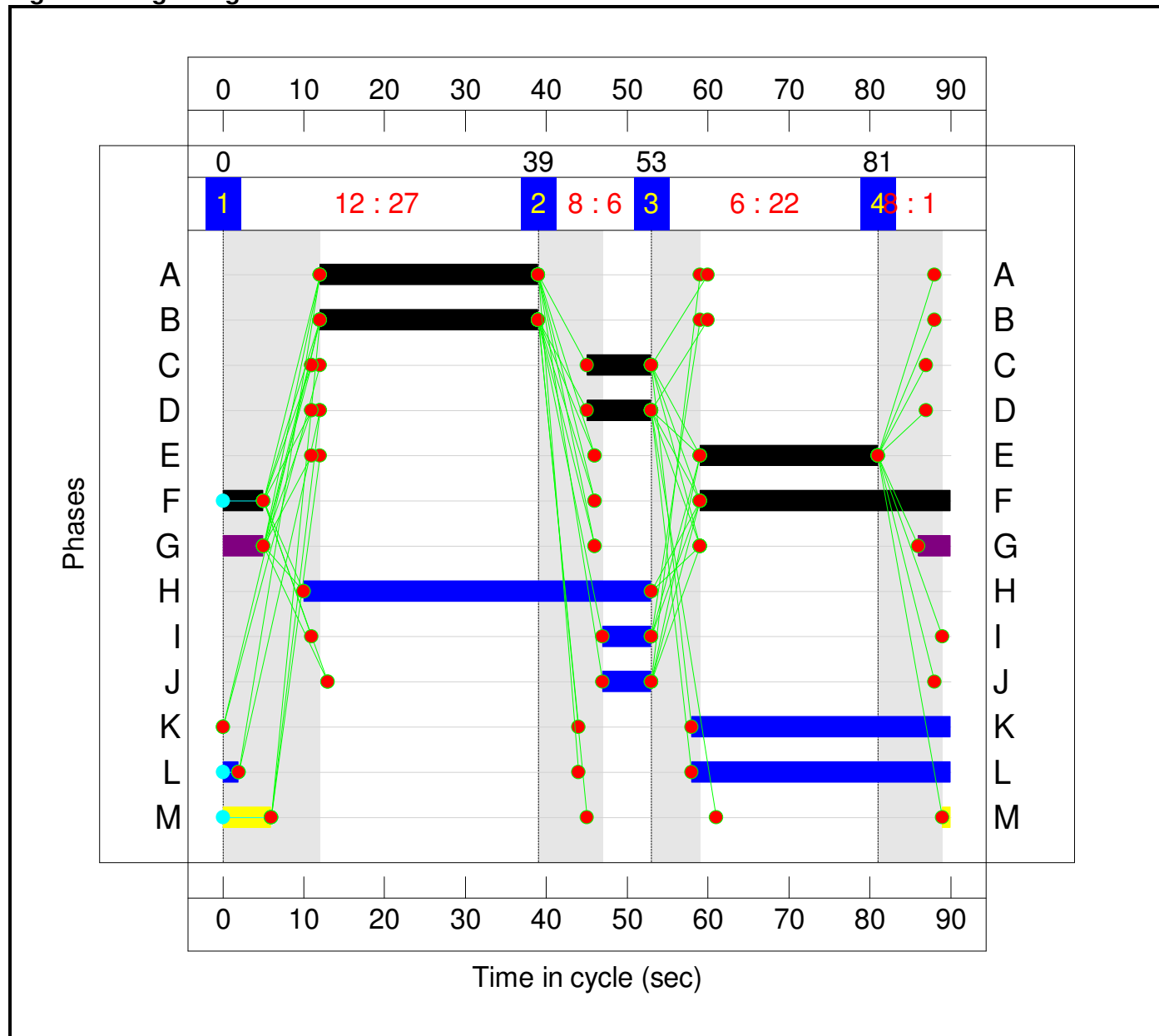
Stage Sequence Diagram



Stage Timings

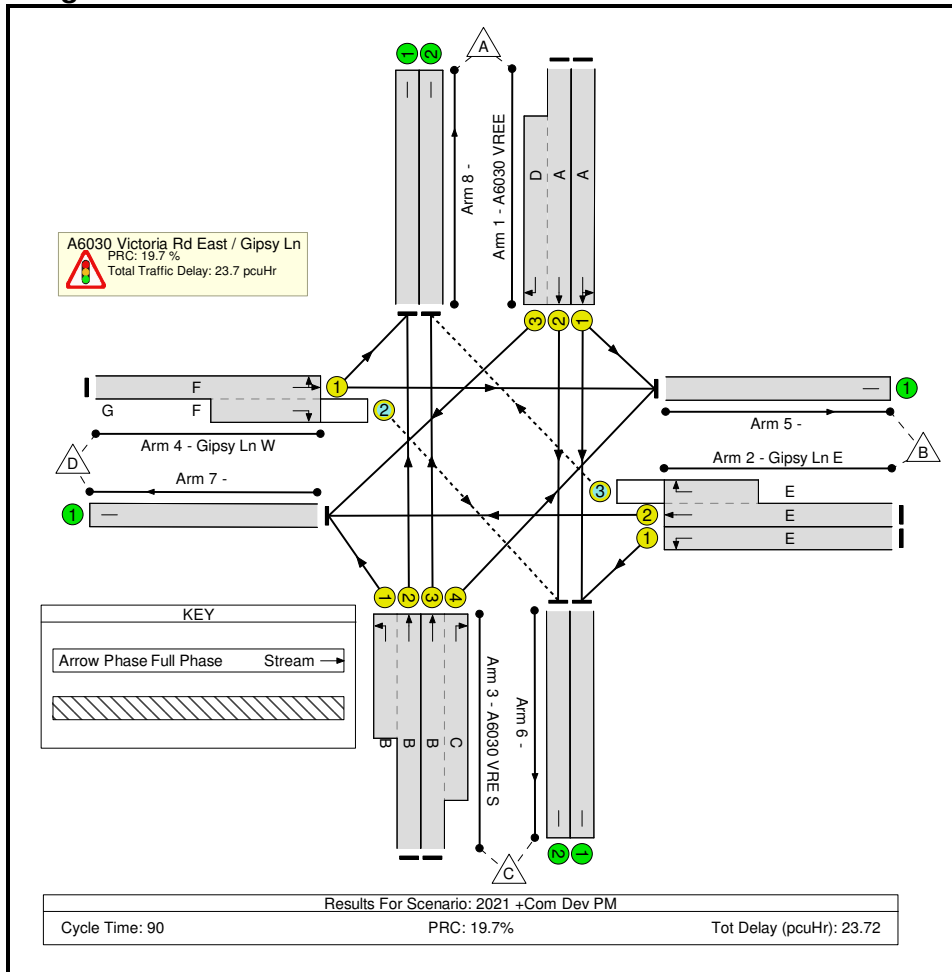
Stage	1	2	3	4
Duration	27	6	22	1
Change Point	0	39	53	81

Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	75.2%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	75.2%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	27	-	263	1865	580	45.3%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	27:8	-	391	2075:1702	640+170	41.1 : 75.2%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	44	1702	435	10.1%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	200	1915:1702	434+122	36.0 : 36.0%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	27	-	640	1915:1702	437+429	73.9 : 73.9%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	27:8	-	418	2055:1702	598+170	53.9 : 56.4%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	684	1808:1702	554+357	75.0 : 75.0%
5/1		U	N/A	N/A	-		-	-	-	394	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	228	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	531	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	601	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	520	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	366	Inf	Inf	0.0%

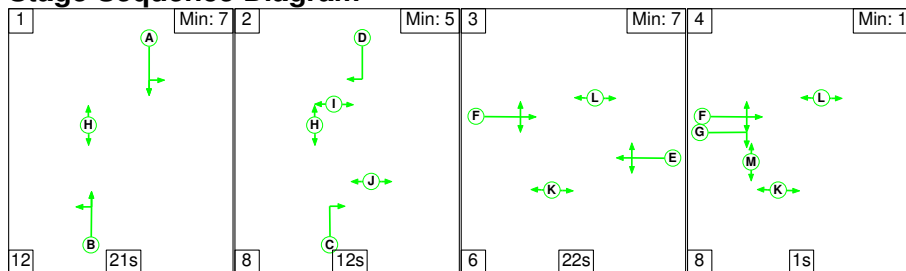
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	267	36	9	18.6	4.7	0.5	23.7	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	267	36	9	18.6	4.7	0.5	23.7	-	-	-	-
1/1	263	263	-	-	-	1.8	0.4	-	2.2	30.5	5.3	0.4	5.7
1/2+1/3	391	391	-	-	-	3.2	0.5	-	3.7	33.6	5.1	0.5	5.6
2/1	44	44	-	-	-	0.3	0.1	-	0.4	30.2	0.8	0.1	0.9
2/2+2/3	200	200	44	0	0	1.5	0.3	0.2	1.9	34.9	3.1	0.3	3.4
3/2+3/1	640	640	-	-	-	4.6	1.4	-	6.0	33.8	6.7	1.4	8.1
3/3+3/4	418	418	-	-	-	3.3	0.6	-	3.9	33.5	6.5	0.6	7.1
4/1+4/2	684	684	223	36	9	3.8	1.5	0.3	5.6	29.6	9.1	1.5	10.6
5/1	394	394	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	228	228	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	531	531	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	601	601	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	520	520	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	366	366	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		19.7	Total Delay for Signalled Lanes (pcuHr):		23.72	Cycle Time (s):		90		
			PRC Over All Lanes (%):		19.7	Total Delay Over All Lanes(pcuHr):		23.72					

Full Input Data And Results

Scenario 9: '2021 +Com Dev + Ph2 AM' (FG9: '2021 + ComDev + Ph2 AM', Plan 1: 'Network Control Plan 1')

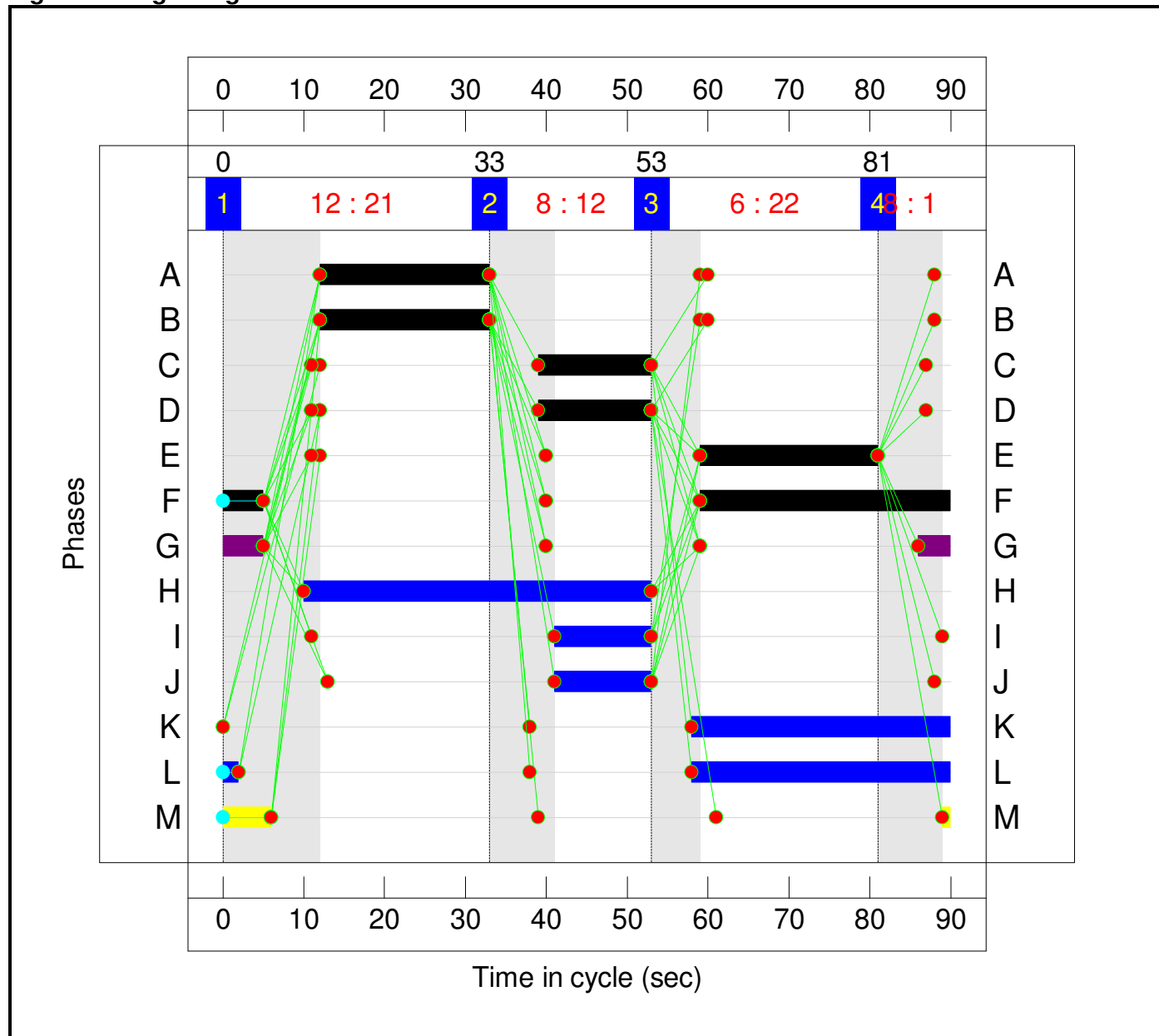
Stage Sequence Diagram



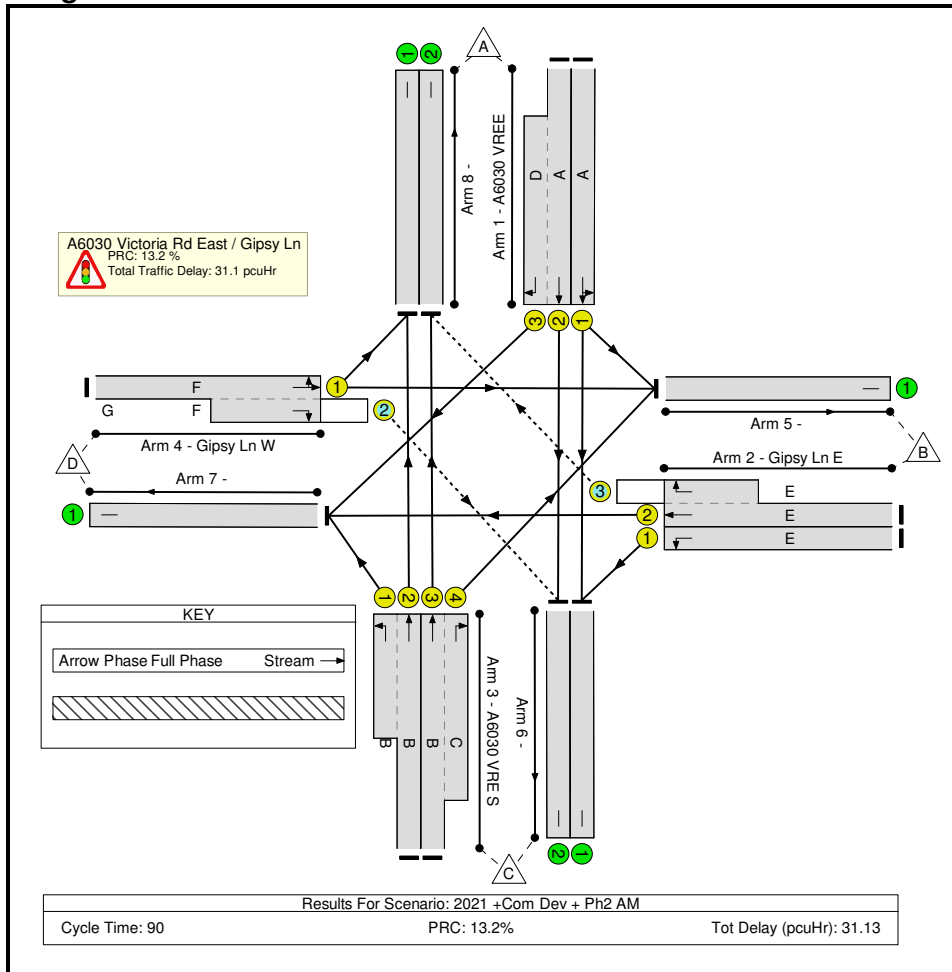
Stage Timings

Stage	1	2	3	4
Duration	21	12	22	1
Change Point	0	33	53	81

Signal Timings Diagram



Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	79.5%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	79.5%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	21	-	371	1909	467	79.5%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	21:14	-	585	2075:1702	507+284	73.1 : 75.4%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	95	1702	435	21.8%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	402	1915:1702	442+103	73.7 : 73.7%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	21	-	451	1915:1702	387+369	59.6 : 59.6%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	21:14	-	284	2055:1702	498+117	46.2 : 46.2%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	640	1852:1702	415+402	78.4 : 78.4%
5/1		U	N/A	N/A	-		-	-	-	331	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	426	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	686	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	760	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	319	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	306	Inf	Inf	0.0%

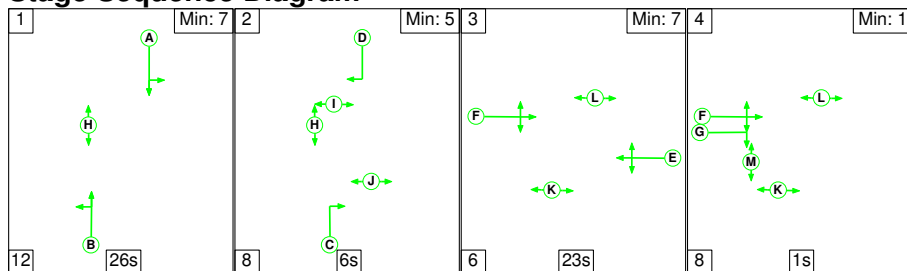
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	171	210	11	22.5	7.7	0.9	31.1	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	171	210	11	22.5	7.7	0.9	31.1	-	-	-	-
1/1	371	371	-	-	-	3.3	1.9	-	5.2	50.0	8.7	1.9	10.5
1/2+1/3	585	585	-	-	-	5.3	1.4	-	6.8	41.5	8.5	1.4	9.9
2/1	95	95	-	-	-	0.7	0.1	-	0.8	31.7	1.8	0.1	2.0
2/2+2/3	402	402	76	0	0	3.3	1.4	0.2	4.9	43.5	7.6	1.4	9.0
3/2+3/1	451	451	-	-	-	3.7	0.7	-	4.4	35.2	4.9	0.7	5.7
3/3+3/4	284	284	-	-	-	2.3	0.4	-	2.8	35.0	4.9	0.4	5.3
4/1+4/2	640	640	95	210	11	3.9	1.8	0.7	6.4	35.8	7.1	1.8	8.9
5/1	331	331	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	426	426	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	686	686	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	760	760	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	319	319	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	306	306	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		13.2	Total Delay for Signalled Lanes (pcuHr):		31.13	Cycle Time (s):		90		
			PRC Over All Lanes (%):		13.2	Total Delay Over All Lanes (pcuHr):		31.13					

Full Input Data And Results

Scenario 10: '2021 +Com Dev + Ph2 PM' (FG10: '2021 + ComDev + Ph2 PM', Plan 1: 'Network Control Plan 1')

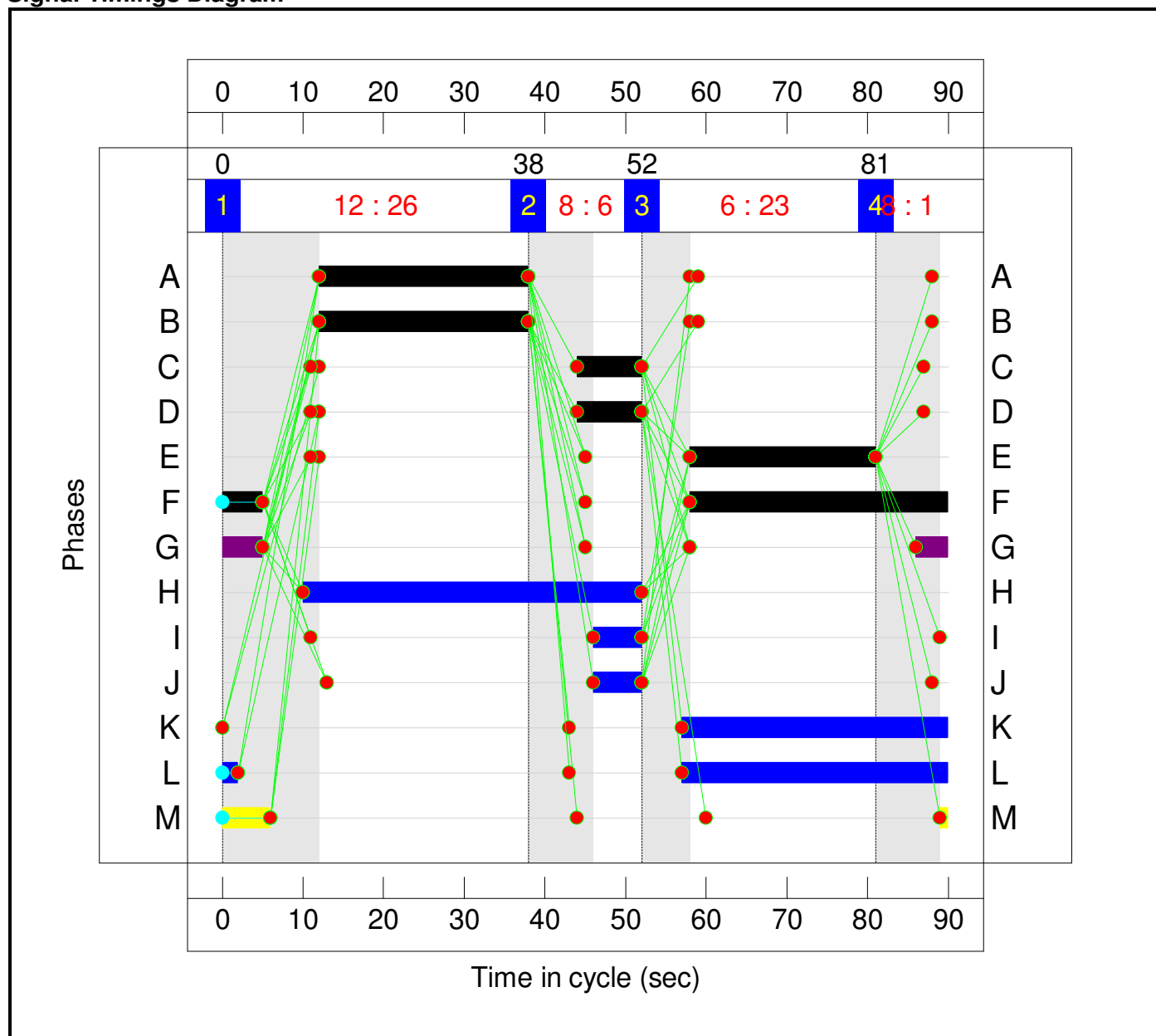
Stage Sequence Diagram



Stage Timings

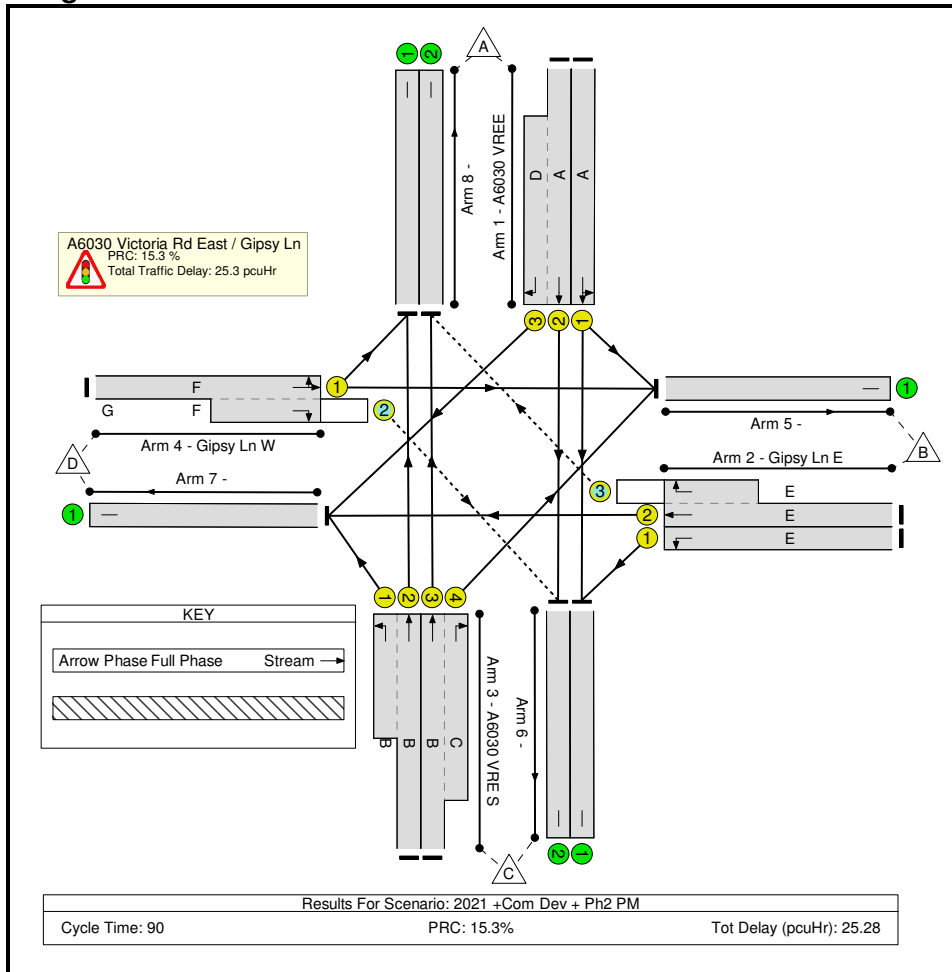
Stage	1	2	3	4
Duration	26	6	23	1
Change Point	0	38	52	81

Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	78.1%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	78.1%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	26	-	261	1866	560	46.6%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	26:8	-	387	2075:1702	623+170	41.9 : 74.0%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	23	-	56	1702	454	12.3%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	23	-	198	1915:1702	429+161	32.7 : 35.9%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	26	-	667	1915:1702	446+409	78.1 : 78.1%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	26:8	-	441	2055:1702	584+165	59.6 : 56.3%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	37	9	720	1813:1702	566+367	77.2 : 77.2%
5/1		U	N/A	N/A	-		-	-	-	410	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	240	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	544	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	585	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	545	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	406	Inf	Inf	0.0%

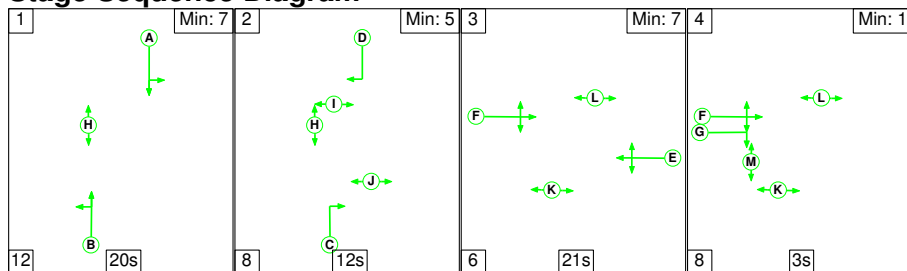
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	294	38	9	19.4	5.4	0.5	25.3	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	294	38	9	19.4	5.4	0.5	25.3	-	-	-	-
1/1	261	261	-	-	-	1.9	0.4	-	2.3	31.6	5.3	0.4	5.7
1/2+1/3	387	387	-	-	-	3.2	0.5	-	3.7	34.3	5.2	0.5	5.7
2/1	56	56	-	-	-	0.4	0.1	-	0.5	29.6	1.1	0.1	1.1
2/2+2/3	198	198	58	0	0	1.4	0.3	0.2	1.9	34.8	2.8	0.3	3.0
3/2+3/1	667	667	-	-	-	5.0	1.7	-	6.8	36.5	7.3	1.7	9.1
3/3+3/4	441	441	-	-	-	3.6	0.7	-	4.3	34.9	7.3	0.7	8.0
4/1+4/2	720	720	236	38	9	4.0	1.7	0.3	5.9	29.4	9.7	1.7	11.3
5/1	410	410	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	240	240	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	544	544	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	585	585	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	545	545	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	406	406	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		15.3	Total Delay for Signalled Lanes (pcuHr):		25.28	Cycle Time (s):		90		
			PRC Over All Lanes (%):		15.3	Total Delay Over All Lanes(pcuHr):		25.28					

Full Input Data And Results

Scenario 11: '2031 +Com Dev AM' (FG11: '2031 AM + ComDev', Plan 1: 'Network Control Plan 1')

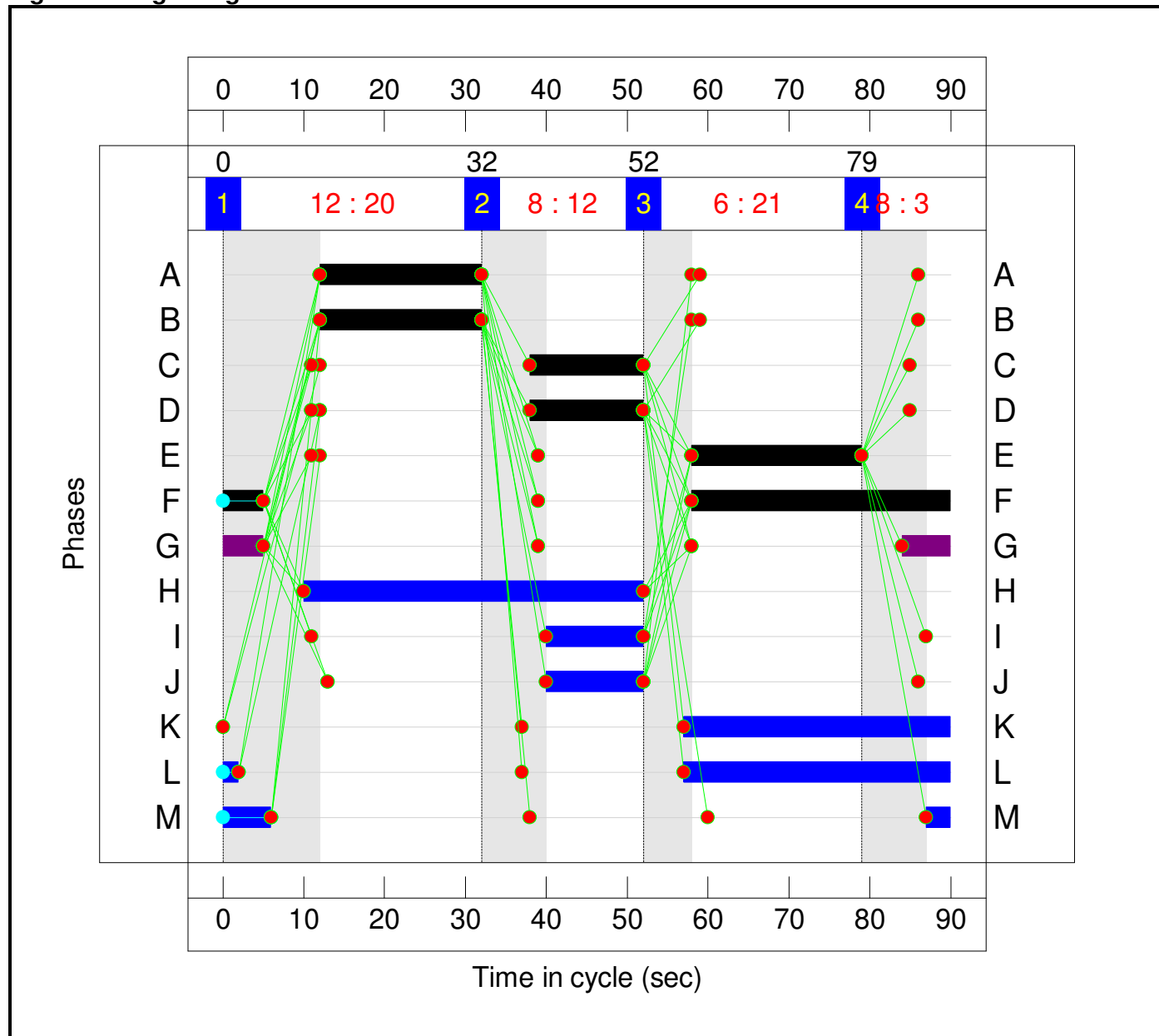
Stage Sequence Diagram



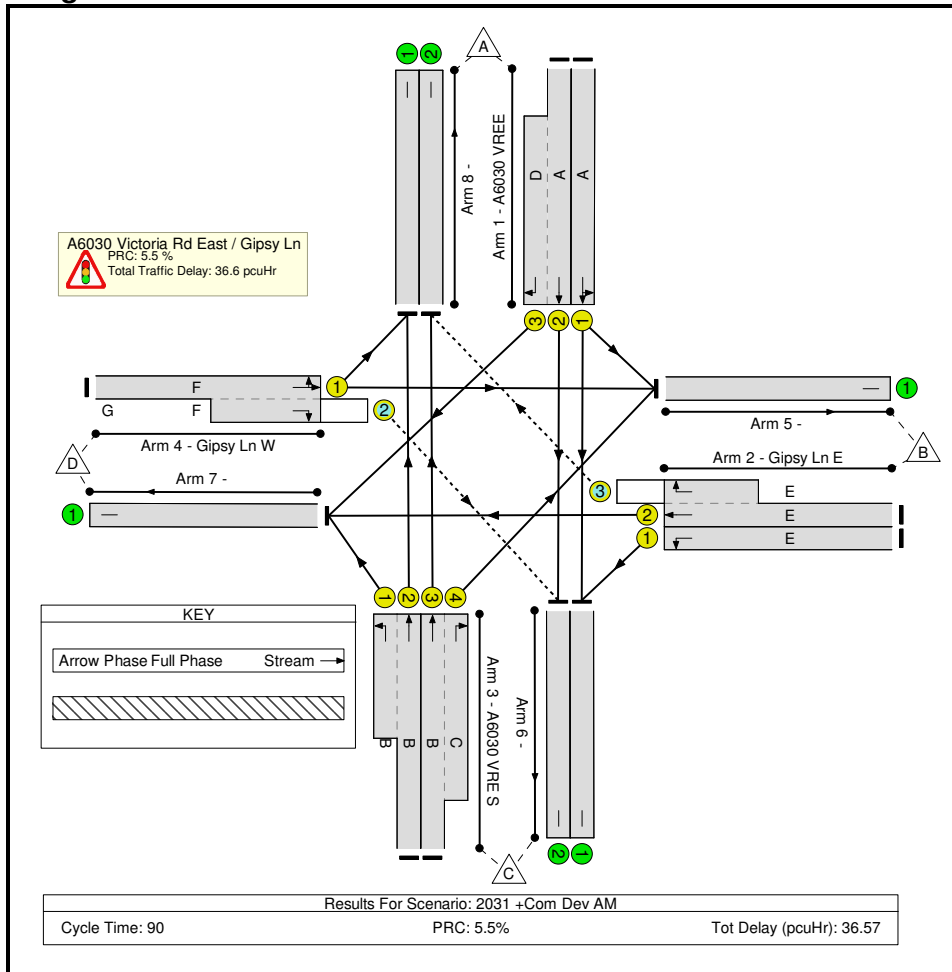
Stage Timings

Stage	1	2	3	4
Duration	20	12	21	3
Change Point	0	32	52	79

Signal Timings Diagram



Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	85.3%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	85.3%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	20	-	380	1909	445	85.3%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	20:14	-	612	2075:1702	484+284	78.5 : 81.8%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	21	-	115	1702	416	27.6%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	21	-	441	1915:1702	426+99	84.1 : 84.1%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	20	-	467	1915:1702	342+361	66.5 : 66.5%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	20:14	-	287	2055:1702	479+127	47.3 : 47.3%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	37	11	635	1841:1702	350+396	85.1 : 85.1%
5/1		U	N/A	N/A	-		-	-	-	303	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	454	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	717	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	830	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	323	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	310	Inf	Inf	0.0%

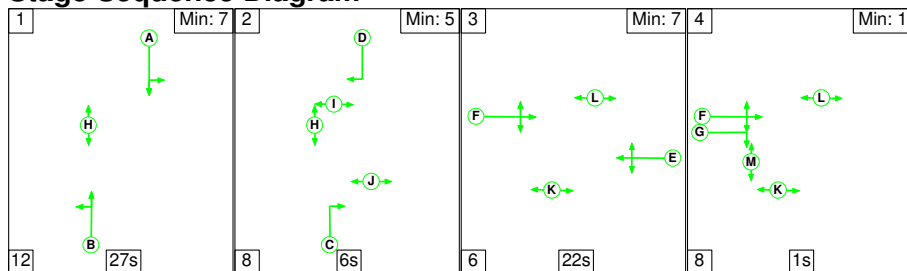
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	134	265	21	24.2	11.4	0.9	36.6	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	134	265	21	24.2	11.4	0.9	36.6	-	-	-	-
1/1	380	380	-	-	-	3.5	2.7	-	6.2	58.4	9.1	2.7	11.8
1/2+1/3	612	612	-	-	-	5.8	1.9	-	7.7	45.1	8.9	1.9	10.8
2/1	115	115	-	-	-	0.9	0.2	-	1.1	33.5	2.3	0.2	2.5
2/2+2/3	441	441	83	0	0	3.8	2.5	0.2	6.5	52.9	8.9	2.5	11.4
3/2+3/1	467	467	-	-	-	3.9	1.0	-	4.9	38.0	5.3	1.0	6.3
3/3+3/4	287	287	-	-	-	2.4	0.4	-	2.9	35.9	4.9	0.4	5.3
4/1+4/2	635	635	51	265	21	3.9	2.7	0.7	7.4	41.9	7.9	2.7	10.6
5/1	303	303	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	454	454	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	717	717	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	830	830	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	323	323	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	310	310	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		5.5	Total Delay for Signalled Lanes (pcuHr):		36.57	Cycle Time (s): 90				
			PRC Over All Lanes (%):		5.5	Total Delay Over All Lanes(pcuHr):		36.57					

Full Input Data And Results

Scenario 12: '2031 +Com Dev PM' (FG12: '2031 PM + Comdev', Plan 1: 'Network Control Plan 1')

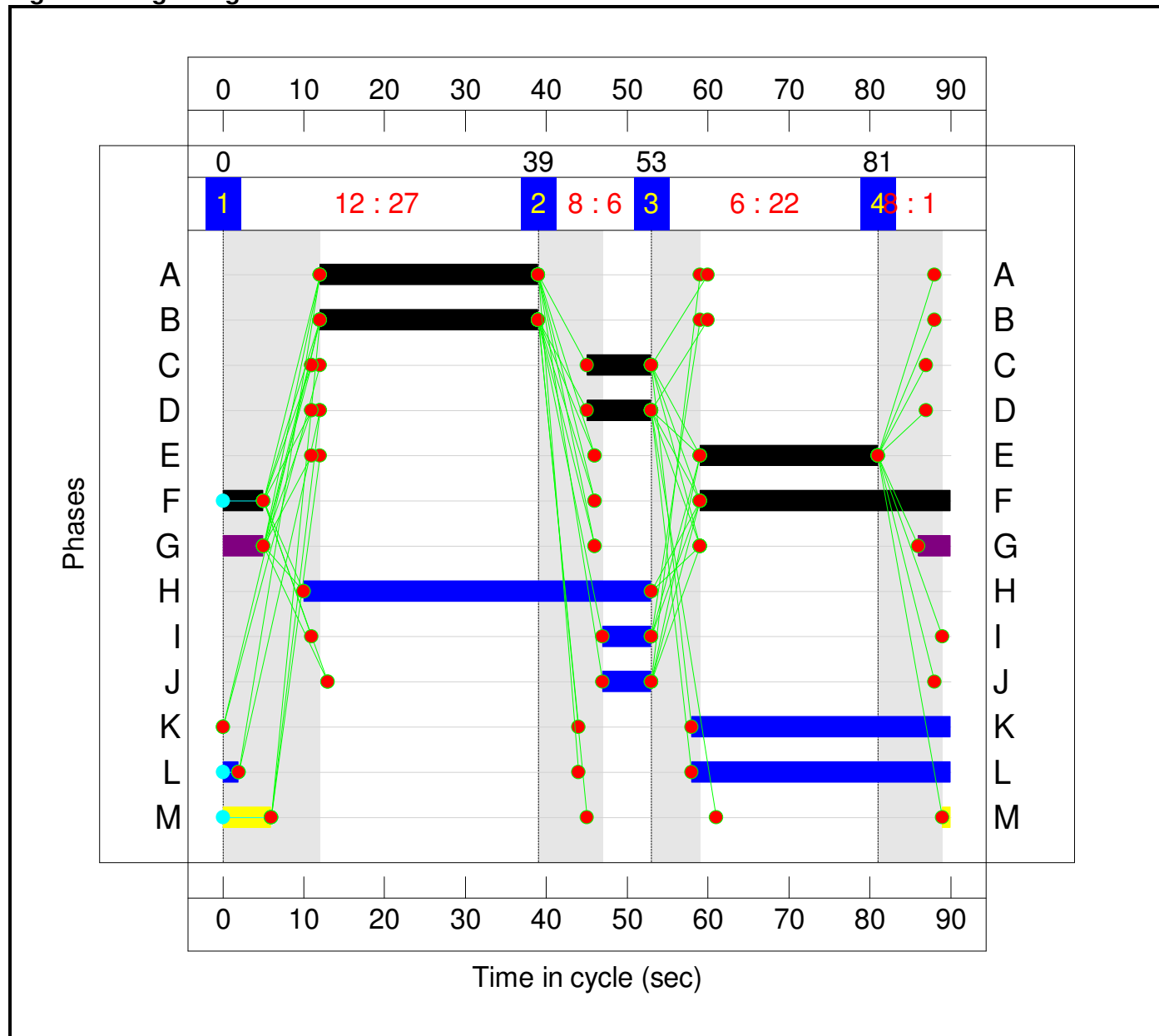
Stage Sequence Diagram



Stage Timings

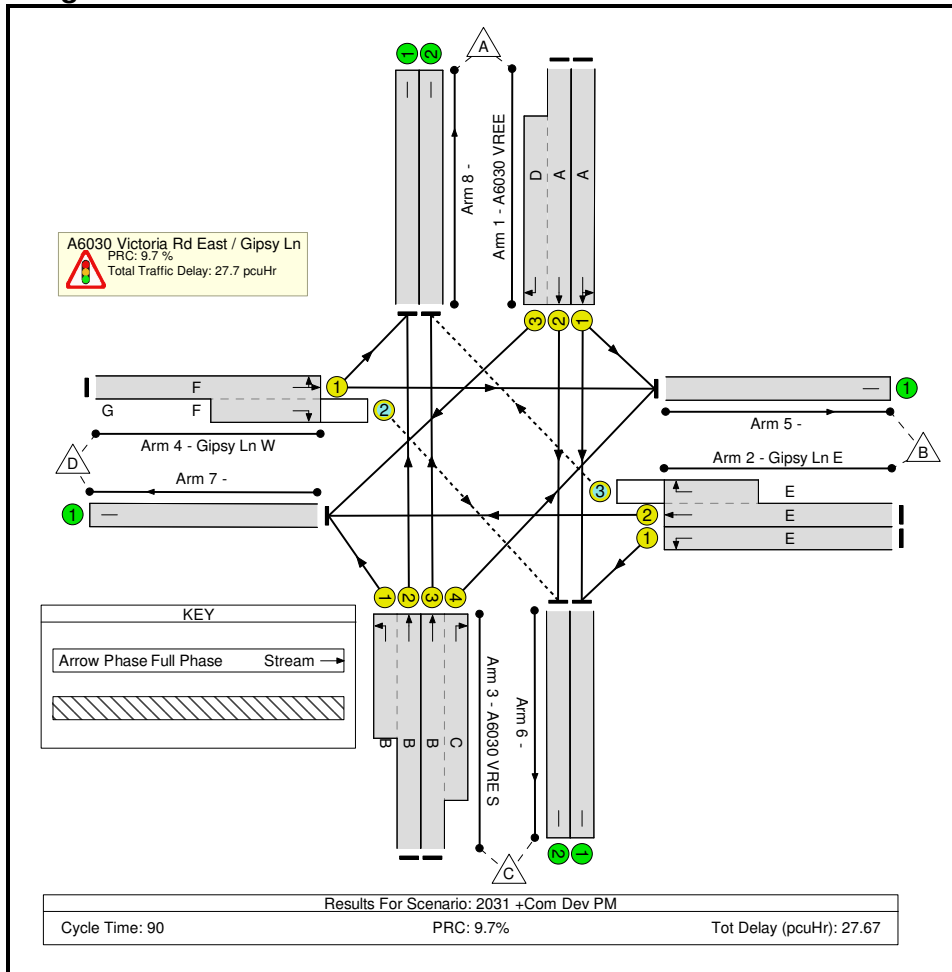
Stage	1	2	3	4
Duration	27	6	22	1
Change Point	0	39	53	81

Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	82.1%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	82.1%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	27	-	286	1865	580	49.3%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	27:8	-	425	2075:1702	640+170	44.7 : 81.7%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	22	-	48	1702	435	11.0%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	22	-	222	1915:1702	432+126	39.8 : 39.8%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	27	-	698	1915:1702	437+429	80.6 : 80.6%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	27:8	-	455	2055:1702	598+170	58.7 : 61.1%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	36	9	748	1808:1702	554+357	82.1 : 82.1%
5/1		U	N/A	N/A	-		-	-	-	430	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	248	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	579	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	657	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	567	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	401	Inf	Inf	0.0%

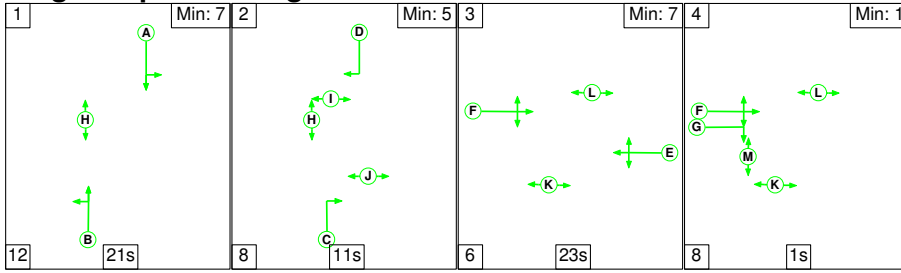
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	264	70	10	20.7	6.4	0.6	27.7	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	264	70	10	20.7	6.4	0.6	27.7	-	-	-	-
1/1	286	286	-	-	-	2.0	0.5	-	2.5	31.3	5.8	0.5	6.3
1/2+1/3	425	425	-	-	-	3.5	0.6	-	4.1	34.3	5.6	0.6	6.2
2/1	48	48	-	-	-	0.3	0.1	-	0.4	30.3	0.9	0.1	1.0
2/2+2/3	222	222	50	0	0	1.7	0.3	0.2	2.2	36.0	3.5	0.3	3.8
3/2+3/1	698	698	-	-	-	5.1	2.0	-	7.2	36.9	7.4	2.0	9.4
3/3+3/4	455	455	-	-	-	3.6	0.7	-	4.4	34.5	7.2	0.7	7.9
4/1+4/2	748	748	214	70	10	4.4	2.2	0.4	7.0	33.6	11.1	2.2	13.3
5/1	430	430	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	248	248	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	579	579	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	657	657	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	567	567	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	401	401	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):	9.7	Total Delay for Signalled Lanes (pcuHr):			27.67	Cycle Time (s): 90				
			PRC Over All Lanes (%):	9.7	Total Delay Over All Lanes(pcuHr):			27.67					

Full Input Data And Results

Scenario 13: '2031 + All Dev (Stage 2 Mitigation) AM' (FG13: '2031 + All Dev (Stage 2 Mitigation) AM', Plan 1: 'Network Control Plan 1')

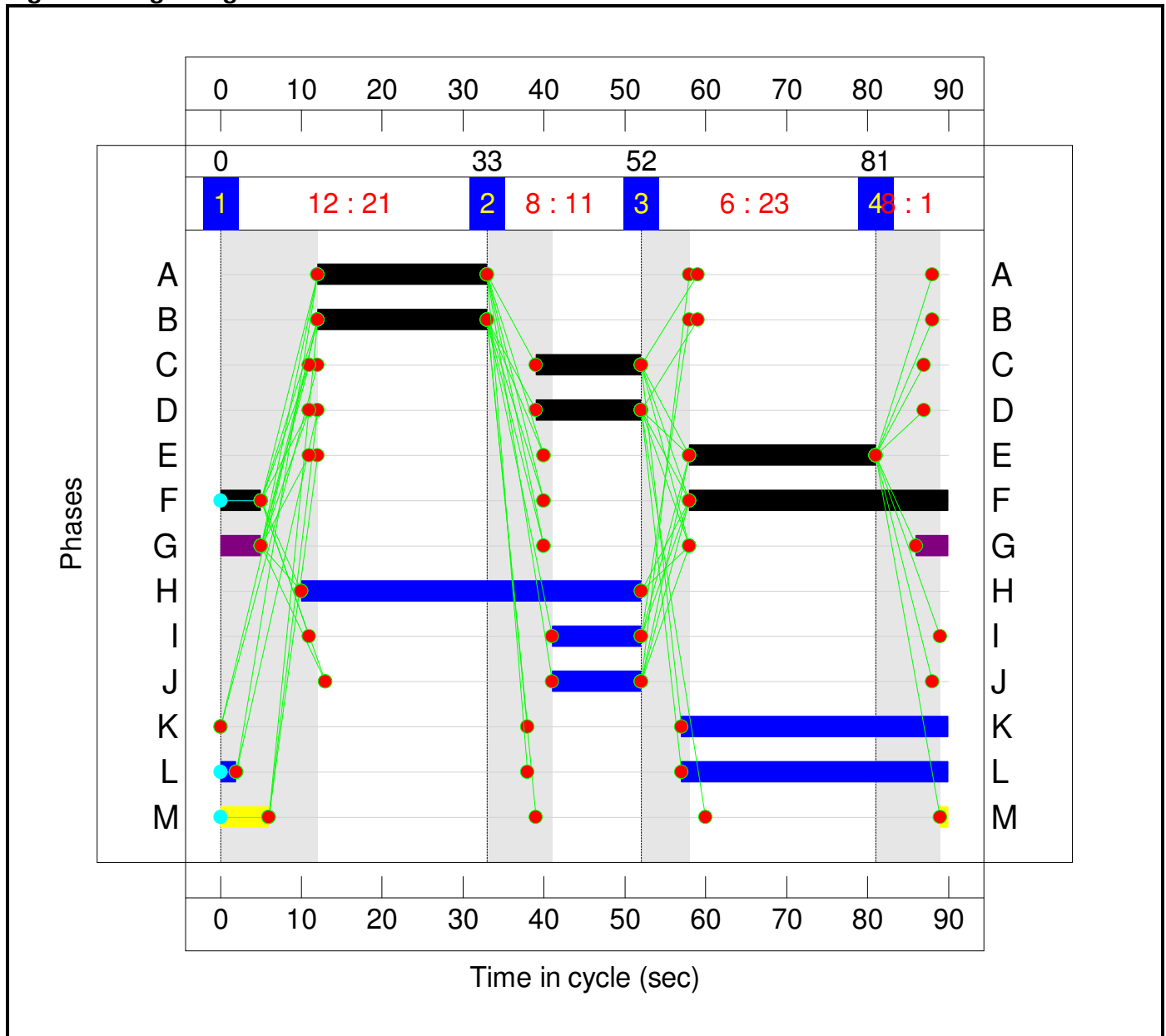
Stage Sequence Diagram



Stage Timings

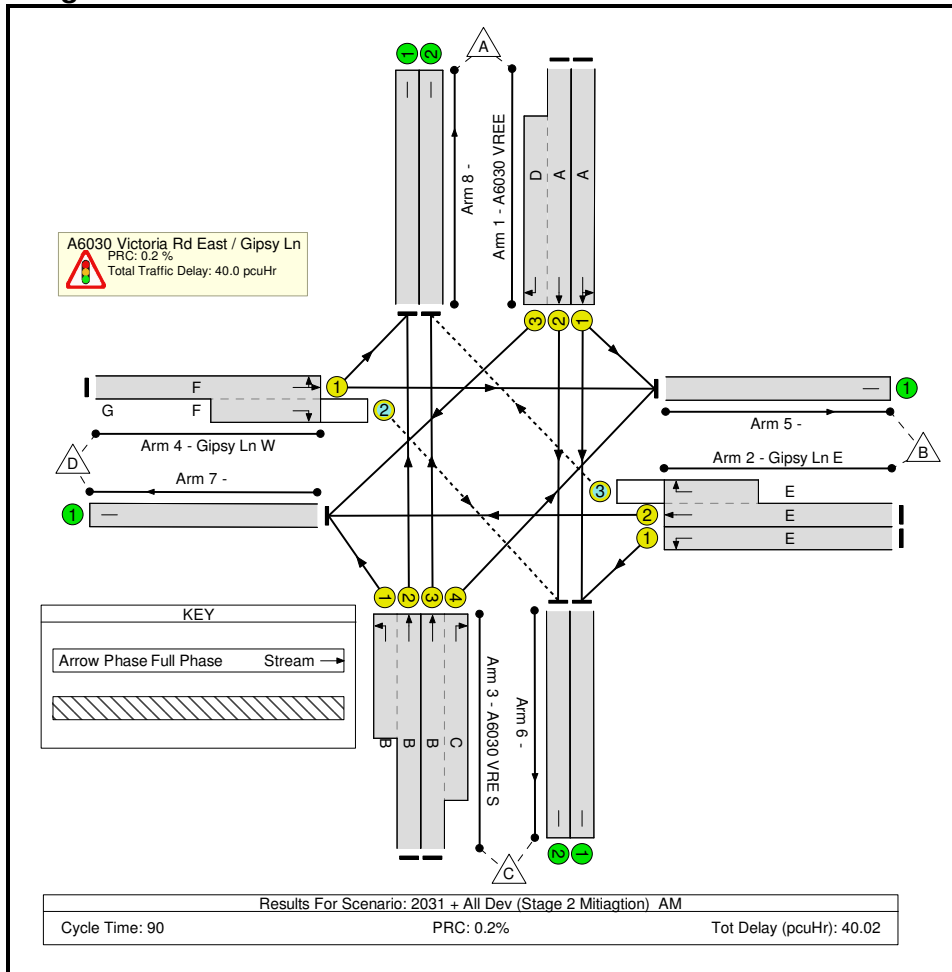
Stage	1	2	3	4
Duration	21	11	23	1
Change Point	0	33	52	81

Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram



Full Input Data And Results

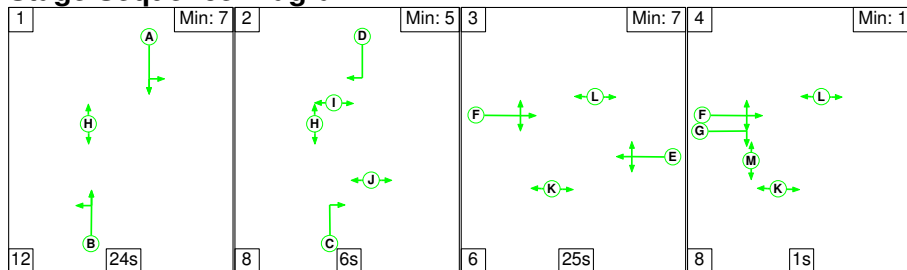
Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	89.8%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	89.8%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	21	-	417	1900	464	89.8%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	21:13	-	649	2075:1702	507+265	82.2 : 87.6%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	23	-	85	1702	454	18.7%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	23	-	444	1915:1702	460+104	78.6 : 78.6%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	21	-	507	1915:1702	396+334	69.4 : 69.4%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	21:13	-	333	2055:1702	498+105	55.2 : 55.2%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	37	9	682	1850:1702	382+386	88.9 : 88.9%
5/1		U	N/A	N/A	-		-	-	-	363	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	440	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	760	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	826	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	371	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	357	Inf	Inf	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	161	227	37	25.4	13.6	1.0	40.0	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	161	227	37	25.4	13.6	1.0	40.0	-	-	-	-
1/1	417	417	-	-	-	3.8	3.8	-	7.6	65.6	10.1	3.8	13.9
1/2+1/3	649	649	-	-	-	6.1	2.5	-	8.7	48.0	9.8	2.5	12.4
2/1	85	85	-	-	-	0.6	0.1	-	0.7	30.4	1.6	0.1	1.7
2/2+2/3	444	444	82	0	0	3.6	1.8	0.2	5.6	45.5	8.8	1.8	10.5
3/2+3/1	507	507	-	-	-	4.2	1.1	-	5.3	37.8	6.0	1.1	7.2
3/3+3/4	333	333	-	-	-	2.8	0.6	-	3.4	36.9	6.0	0.6	6.6
4/1+4/2	682	682	79	227	37	4.2	3.7	0.8	8.7	45.9	8.0	3.7	11.7
5/1	363	363	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	440	440	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	760	760	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	826	826	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	371	371	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	357	357	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):		0.2	Total Delay for Signalled Lanes (pcuHr):		40.02	Cycle Time (s):		90		
			PRC Over All Lanes (%):		0.2	Total Delay Over All Lanes(pcuHr):		40.02					

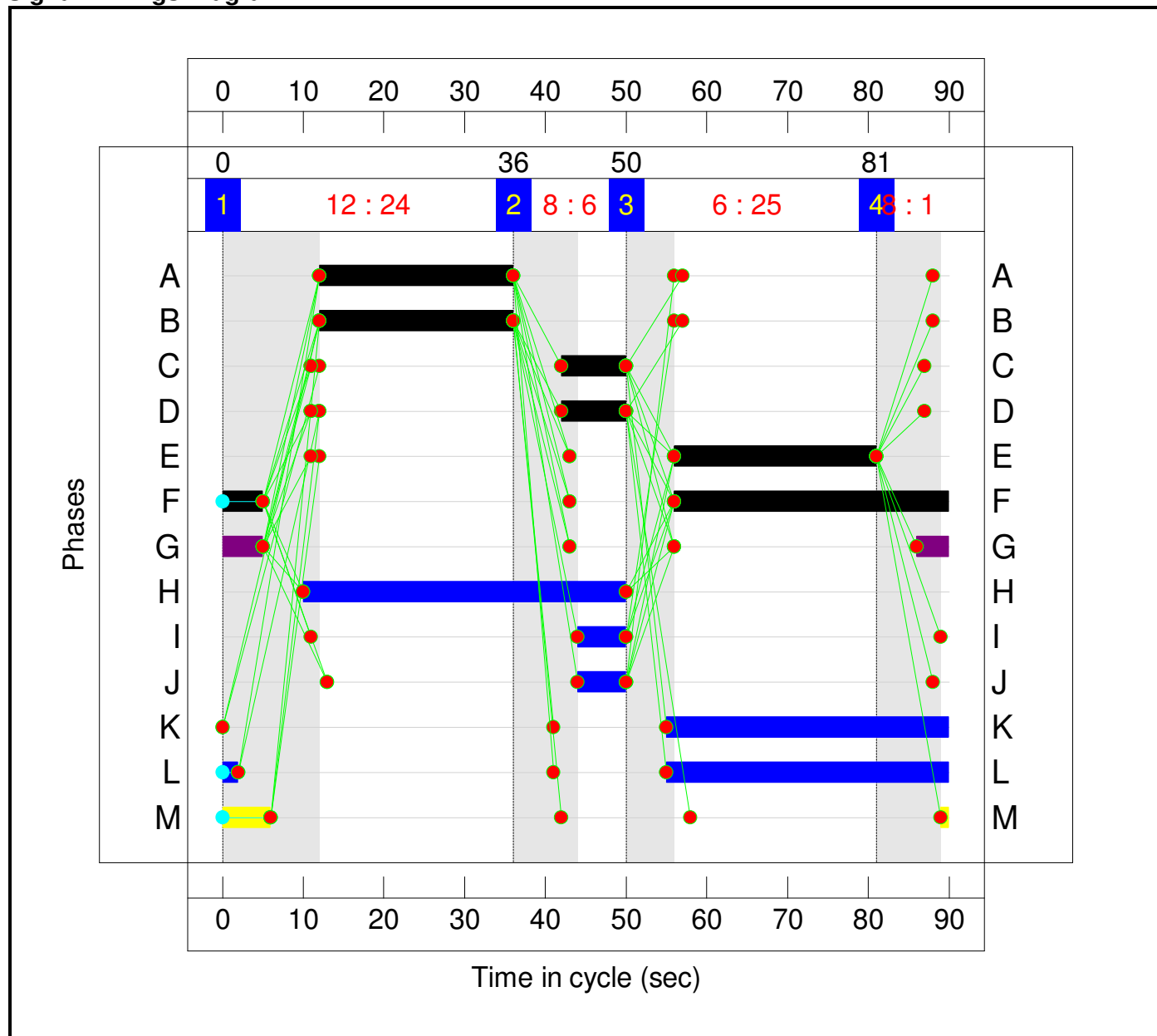
Stage Sequence Diagram



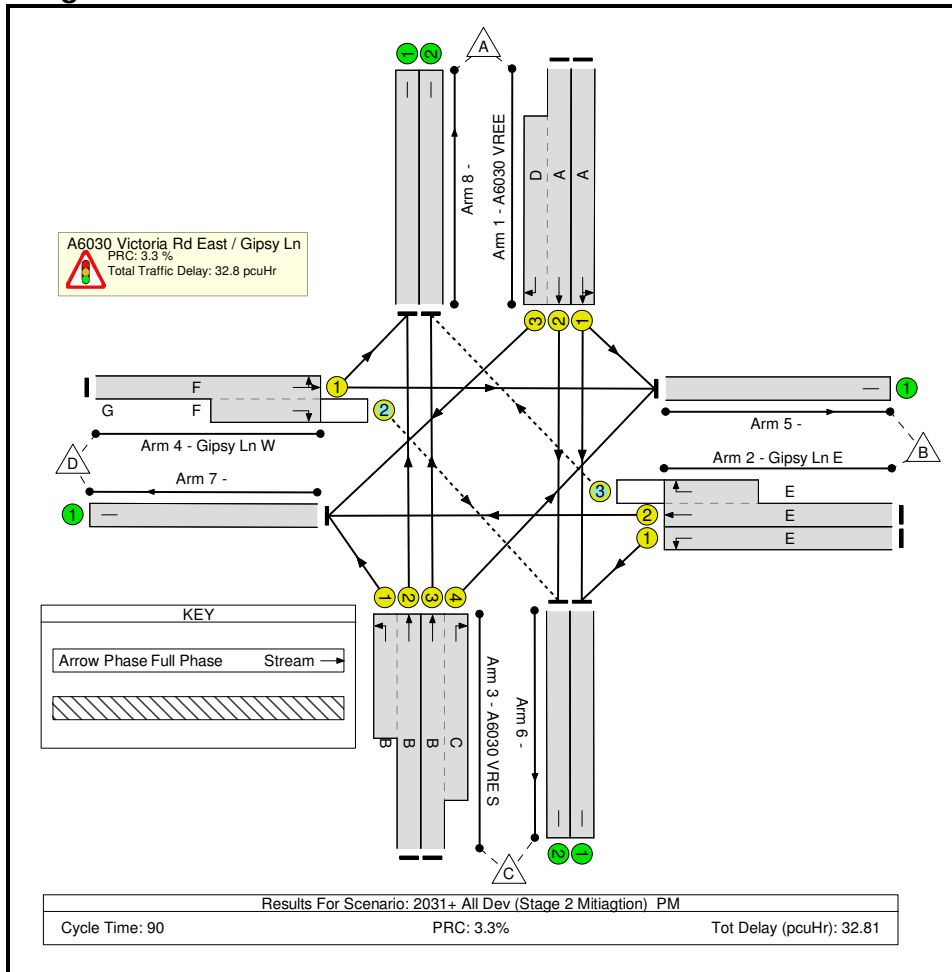
Stage Timings

Stage	1	2	3	4
Duration	24	6	25	1
Change Point	0	36	50	81

Signal Timings Diagram



Network Layout Diagram



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	N/A	-	-		-	-	-	-	-	-	87.1%
A6030 Victoria Rd East / Gipsy Ln	-	-	N/A	-	-		-	-	-	-	-	-	87.1%
1/1	A6030 VREE Left Ahead	U	N/A	N/A	A		1	24	-	290	1865	518	56.0%
1/2+1/3	A6030 VREE Ahead Right	U	N/A	N/A	A D		1	24:8	-	429	2075:1702	576+170	50.3 : 81.7%
2/1	Gipsy Ln E Left	U	N/A	N/A	E		1	25	-	62	1702	492	12.6%
2/2+2/3	Gipsy Ln E Ahead Right	U+O	N/A	N/A	E		1	25	-	239	1915:1702	219+147	65.4 : 65.5%
3/2+3/1	A6030 VRE S Left Ahead	U	N/A	N/A	B		1	24	-	709	1915:1702	416+399	87.1 : 87.1%
3/3+3/4	A6030 VRE S Right Ahead	U	N/A	N/A	B C		1	24:8	-	461	2055:1702	548+153	65.8 : 65.3%
4/1+4/2	Gipsy Ln W Ahead Right Left	U+O	N/A	N/A	F	G	1	39	9	840	1821:1702	598+366	87.1 : 87.1%
5/1		U	N/A	N/A	-		-	-	-	493	Inf	Inf	0.0%
6/1		U	N/A	N/A	-		-	-	-	265	Inf	Inf	0.0%
6/2		U	N/A	N/A	-		-	-	-	609	Inf	Inf	0.0%
7/1		U	N/A	N/A	-		-	-	-	629	Inf	Inf	0.0%
8/1		U	N/A	N/A	-		-	-	-	577	Inf	Inf	0.0%
8/2		U	N/A	N/A	-		-	-	-	457	Inf	Inf	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: A6030 Victoria Road East / Gipsy Lane - Existing Layout	-	-	346	59	11	22.3	9.7	0.8	32.8	-	-	-	-
A6030 Victoria Rd East / Gipsy Ln	-	-	346	59	11	22.3	9.7	0.8	32.8	-	-	-	-
1/1	290	290	-	-	-	2.2	0.6	-	2.9	35.6	6.1	0.6	6.8
1/2+1/3	429	429	-	-	-	3.7	0.7	-	4.4	37.0	6.0	0.7	6.7
2/1	62	62	-	-	-	0.4	0.1	-	0.5	27.8	1.1	0.1	1.2
2/2+2/3	239	239	96	0	0	1.6	0.9	0.6	3.1	46.9	2.7	0.9	3.7
3/2+3/1	709	709	-	-	-	5.8	3.2	-	8.9	45.3	8.2	3.2	11.4
3/3+3/4	461	461	-	-	-	3.9	1.0	-	4.9	38.1	7.8	1.0	8.8
4/1+4/2	840	840	250	59	11	4.7	3.2	0.3	8.1	34.9	13.9	3.2	17.1
5/1	493	493	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	265	265	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/2	609	609	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	629	629	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	577	577	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/2	457	457	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1			PRC for Signalled Lanes (%):	3.3	Total Delay for Signalled Lanes (pcuHr):			32.81	Cycle Time (s): 90				
			PRC Over All Lanes (%):	3.3	Total Delay Over All Lanes(pcuHr):			32.81					