BWB CONSULTING

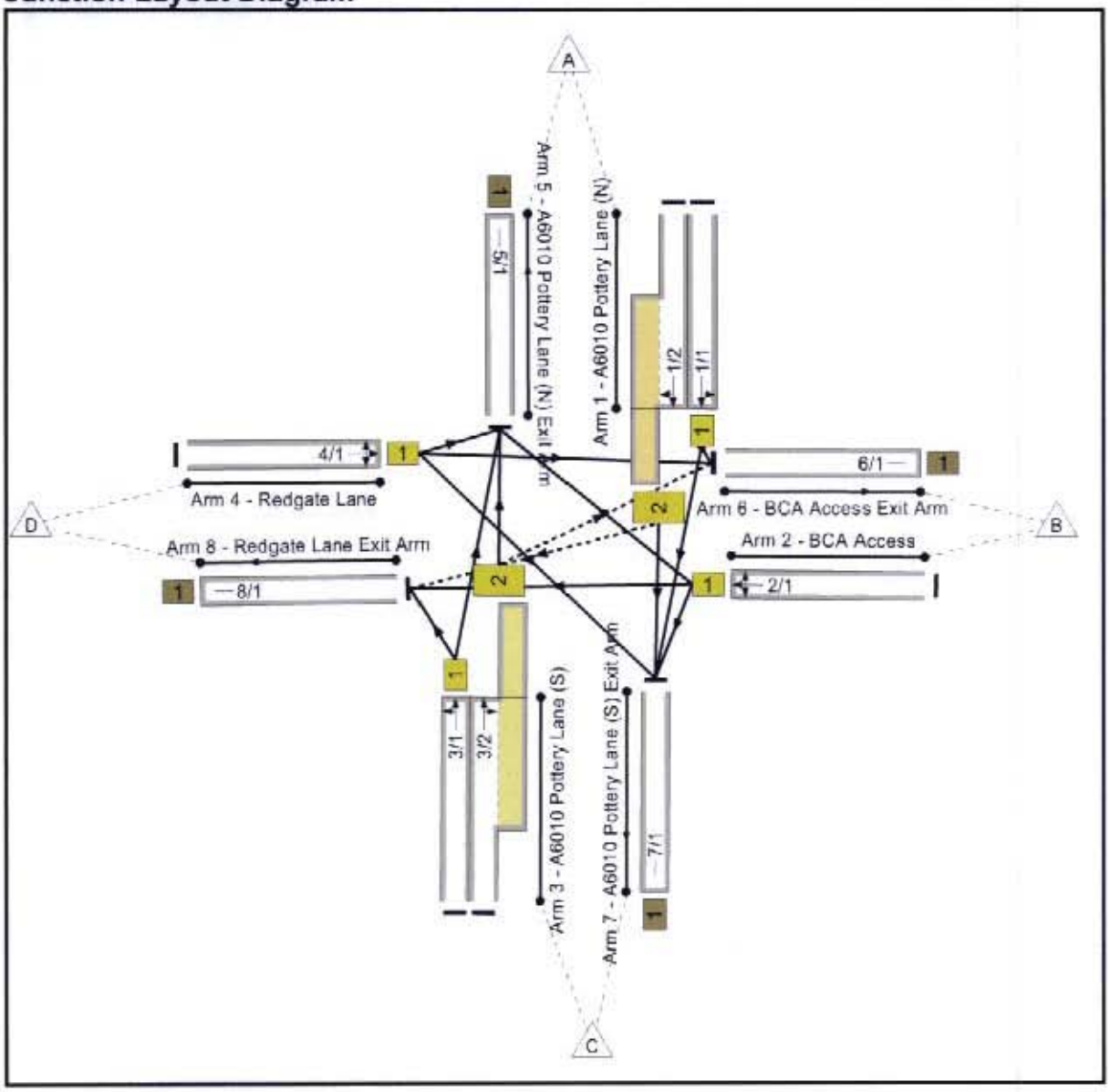
APPENDIX I
LINSIG Output

Full Input Data And Results

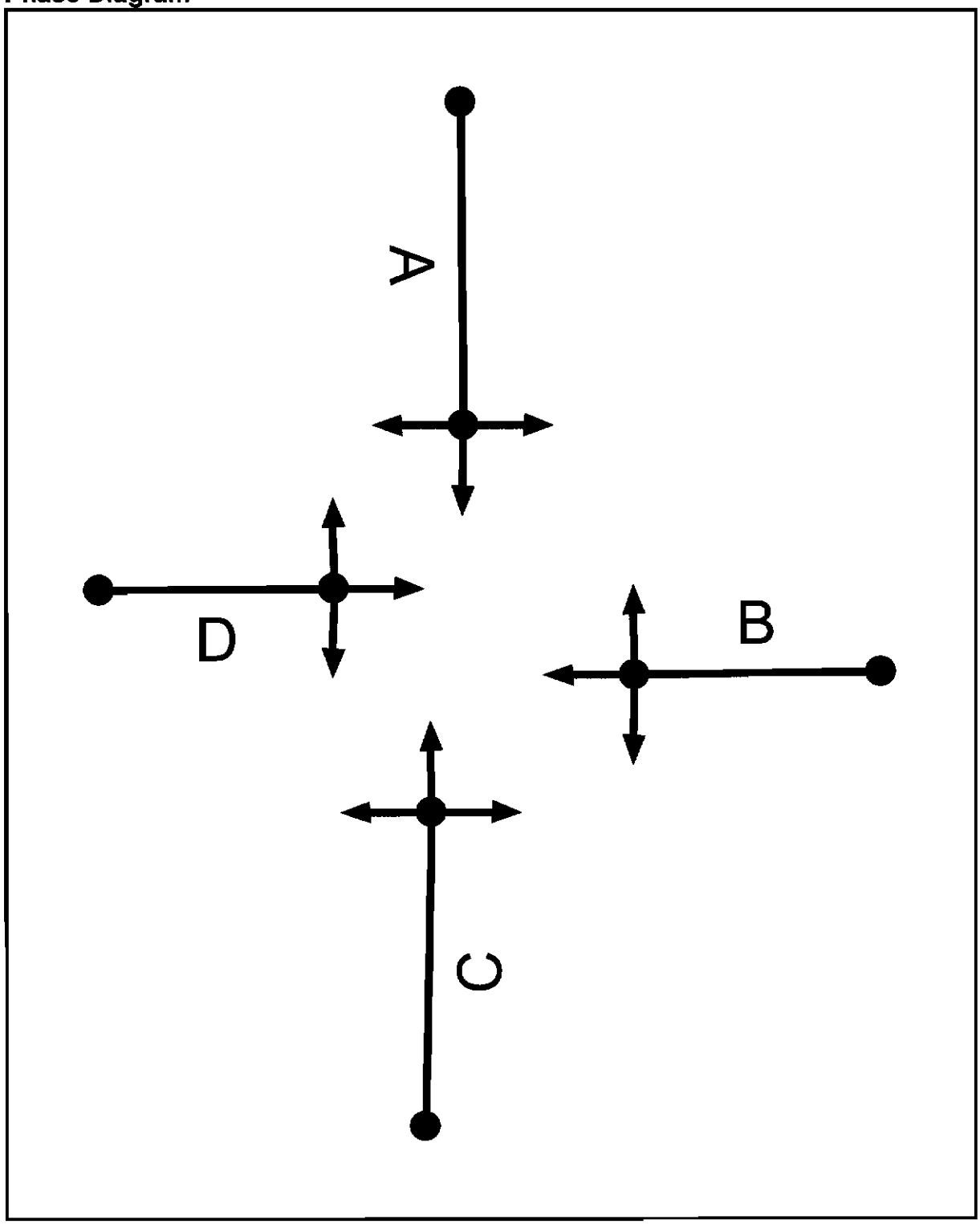
User and Project Details

Project:	
Title:	
Location:	
File name:	Pottery Lane-Redgate Lane.lsgx
Author:	
Company:	
Address:	
Controller:	Generic
SCN:	
Notes:	

Junction Layout Diagram



Phase Diagram



Full Input Data And Results

Phase Input Data

Phase Name	Phase type	Assoc Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Traffic		7	7

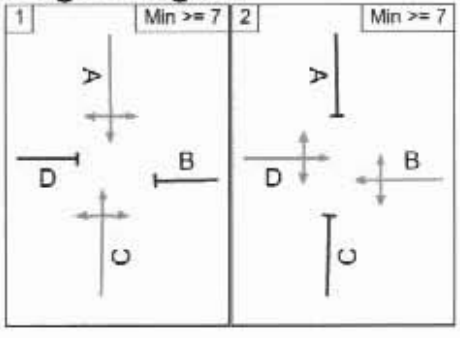
Phase Intergreens Matrix

		Starting Phase			
		A	B	C	D
Terminating Phase	A		7	-	7
	B	7		7	-
	C	-	7		7
	D	7	-	7	

Phases in Stage

Stage No.	Phases in Stage
1	A C
2	B D

Stages Diagram



Phase Delays

There are no phase delays defined in this stage stream

Prohibited Stage Changes

		To Stage	
		1	2
From Stage	1		7
	2	7	

Link Input Data

Arm/ Link	Link Name	Link Type	Num Lanes	Phases	Start Disp.	End Disp.
1/1	A6010 Pottery Lane (N) Left Ahead	U	1	A	2	3
1/2	A6010 Pottery Lane (N) Ahead Right	O	1	A	2	3
2/1	BCA Access Right Left Ahead	U	1	B	2	3
3/1	A6010 Pottery Lane (S) Ahead Left	U	1	C	2	3
3/2	A6010 Pottery Lane (S) Ahead Right	O	1	C	2	3
4/1	Redgate Lane Left Ahead Right	U	1	D	2	3
5/1	A6010 Pottery Lane (N) Exit Arm	U	1		2	3
6/1	BCA Access Exit Arm	U	1		2	3
7/1	A6010 Pottery Lane (S) Exit Arm	U	1		2	3
8/1	Redgate Lane Exit Arm	U	1		2	3

Give-Way Link Input Data

Arm/ Link	Link Name	Movement	Max Flow when Giving Way (PCU/Hr)	Opposing Link	Opp. Link Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up time (s)	Max Turns in Intergreen (PCU)
1/2	A6010 Pottery Lane (N) Ahead Right	1/2 to 8/1	1400	3/1	1.10	3/1	4.00	10.00	0.50	4	2.00
3/2	A6010 Pottery Lane (S) Ahead Right	3/2 to 6/1	1400	1/1	1.10	1/1	5.00	12.00	0.50	5	2.00
				1/2	1.10	1/2					

Lane Input Data

Arm/ Lane	Link Num	Physical Length (PCU)	Expected Usage (PCU)	Sat Flow Type	User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)
1/1 (A6010 Pottery Lane (N) Lane 1)	Link 1 (A6010 Pottery Lane (N) Left Ahead)	Inf	Inf	Geom	1800	3.50	0.00	Y	Arm 8 Left (BCA Access Exit Arm)	Inf
									Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf
1/2 (A6010 Pottery Lane (N) Lane 2)	Link 2 (A6010 Pottery Lane (N) Ahead Right)	Inf	Inf	Geom	1800	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf
									Arm 8 Right (Redgate Lane Exit Arm)	8.00
2/1 (BCA Access Lane 1)	Link 1 (BCA Access Right Left Ahead)	Inf	Inf	Geom	1800	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00
									Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00
									Arm 8 Ahead (Redgate Lane Exit Arm)	Inf
3/1 (A6010 Pottery Lane (S) Lane 1)	Link 1 (A6010 Pottery Lane (S) Ahead Left)	Inf	Inf	Geom	1800	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf
									Arm 8 Left (Redgate Lane Exit Arm)	10.00

Full Input Data And Results

3/2 (A6010 Pottery Lane (S) Lane 2)	Link 2 (A6010 Pottery Lane (S) Ahead Right)	Inf	Inf	Geom	1800	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf
									Arm 6 Right (BCA Access Exit Arm)	12.00
4/1 (Redgate Lane Lane 1)	Link 1 (Redgate Lane Left Ahead Right)	Inf	Inf	Geom	1800	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00
									Arm 6 Ahead (BCA Access Exit Arm)	Inf
									Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Link 1 (A6010 Pottery Lane (N) Exit Arm)	Inf	Inf	Inf (Exit)	1800	3.25	0.00	Y		
6/1 (BCA Access Exit Arm Lane 1)	Link 1 (BCA Access Exit Arm)	Inf	Inf	Inf (Exit)	1800	3.25	0.00	Y		
7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Link 1 (A6010 Pottery Lane (S) Exit Arm)	Inf	Inf	Inf (Exit)	1800	3.25	0.00	Y		
8/1 (Redgate Lane Exit Arm Lane 1)	Link 1 (Redgate Lane Exit Arm)	Inf	Inf	Inf (Exit)	1800	3.25	0.00	Y		

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2009 Surveyed AM'	07:45	08:45	01:00	
2: '2009 Surveyed PM'	16:30	17:30	01:00	
3: '2010 Base AM'	07:45	08:45	01:00	
4: '2010 Base PM'	16:30	17:30	01:00	
5: '2010 Proposed AM'	07:45	08:45	01:00	
6: '2010 Proposed PM'	16:30	17:30	01:00	
7: '2014 Base AM'	07:45	08:45	01:00	
8: '2014 Base PM'	16:30	17:30	01:00	
9: '2014 Proposed AM'	07:45	08:45	01:00	
10: '2014 Proposed PM'	16:30	17:30	01:00	

Flow Group 1: '2009 Surveyed AM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	66	729	24	819
	B	7	0	5	2	14
	C	804	33	0	49	886
	D	0	7	24	0	31
	Tot.	811	106	758	75	1750

Link Traffic Flows

Arm/Link	Flow Group 1: 2009 Surveyed AM
1/1	795
1/2	24
2/1	14
3/1	853
3/2	33
4/1	31
5/1	811
6/1	106
7/1	758
8/1	75

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	8.3 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	91.7 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	50.0 %	1926
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	35.7 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	14.3 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	94.3 %	1948
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	5.7 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	0.0 %	1928
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	22.6 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	77.4 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 2: '2009 Surveyed PM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	12	713	1	726
	B	43	0	28	21	92
	C	800	9	0	66	875
	D	3	13	98	0	114
	Tot.	846	34	839	88	1807

Link Traffic Flows

Arm/Link	Flow Group 2: 2009 Surveyed PM
1/1	725
1/2	1
2/1	92
3/1	866
3/2	9
4/1	114
5/1	846
6/1	34
7/1	839
8/1	88

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	1.7 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	98.3 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	46.7 %	1942
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	30.4 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	22.8 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	92.4 %	1943
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	7.6 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	2.6 %	1902
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	11.4 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	86.0 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 3: '2010 Base AM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	68	747	25	840
	B	7	0	5	2	14
	C	824	34	0	50	908
	D	0	7	25	0	32
	Tot.	831	109	777	77	1794

Link Traffic Flows

Arm/Link	Flow Group 3: 2010 Base AM
1/1	815
1/2	25
2/1	14
3/1	874
3/2	34
4/1	32
5/1	831
6/1	109
7/1	777
8/1	77

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	8.3 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	91.7 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	50.0 %	1926
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	35.7 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	14.3 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	94.3 %	1948
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	5.7 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	0.0 %	1927
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	21.9 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	78.1 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 4: '2010 Base PM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	12	729	1	742
	B	44	0	29	21	94
	C	818	9	0	68	895
	D	3	13	100	0	116
	Tot.	865	34	858	90	1847

Link Traffic Flows

Arm/Link	Flow Group 4: 2010 Base PM
1/1	741
1/2	1
2/1	94
3/1	886
3/2	9
4/1	116
5/1	865
6/1	34
7/1	858
8/1	90

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	1.6 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	98.4 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	46.8 %	1942
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	30.9 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	22.3 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	92.3 %	1943
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	7.7 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	2.6 %	1902
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	11.2 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	86.2 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 5: '2010 Proposed AM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	68	747	35	850
	B	7	0	5	3	15
	C	824	34	0	72	930
	D	0	9	31	0	40
	Tot.	831	111	783	110	1835

Link Traffic Flows

Arm/Link	Flow Group 5: 2010 Proposed AM
1/1	815
1/2	35
2/1	15
3/1	896
3/2	34
4/1	40
5/1	831
6/1	111
7/1	783
8/1	110

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	8.3 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	91.7 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	46.7 %	1937
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	33.3 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	20.0 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	92.0 %	1942
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	8.0 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	0.0 %	1928
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	22.5 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	77.5 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 6: '2010 Proposed PM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	12	729	1	742
	B	44	0	29	23	96
	C	818	9	0	74	901
	D	4	17	125	0	146
	Tot.	866	38	883	98	1885

Link Traffic Flows

Arm/Link	Flow Group 6: 2010 Proposed PM
1/1	741
1/2	1
2/1	96
3/1	892
3/2	9
4/1	146
5/1	866
6/1	38
7/1	883
8/1	98

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	1.6 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	98.4 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	45.8 %	1945
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	30.2 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	24.0 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	91.7 %	1941
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	8.3 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	2.7 %	1903
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	11.6 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	85.6 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 7: '2014 Base AM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	74	819	27	920
	B	8	0	6	2	16
	C	903	37	0	55	995
	D	0	8	27	0	35
	Tot.	911	119	852	84	1966

Link Traffic Flows

Arm/Link	Flow Group 7: 2014 Base AM
1/1	893
1/2	27
2/1	16
3/1	958
3/2	37
4/1	35
5/1	911
6/1	119
7/1	852
8/1	84

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	8.3 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	91.7 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	50.0 %	1923
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	37.5 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	12.5 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	94.3 %	1948
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	5.7 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	0.0 %	1929
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	22.9 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	77.1 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 8: '2014 Base PM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	13	793	1	807
	B	48	0	31	23	102
	C	890	10	0	73	973
	D	3	14	109	0	126
	Tot.	941	37	933	97	2008

Link Traffic Flows

Arm/Link	Flow Group 8: 2014 Base PM
1/1	806
1/2	1
2/1	102
3/1	963
3/2	10
4/1	126
5/1	941
6/1	37
7/1	933
8/1	97

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	1.6 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	98.4 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	47.1 %	1942
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	30.4 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	22.5 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	92.4 %	1943
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	7.6 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	2.4 %	1902
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	11.1 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	86.5 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 9: '2014 Proposed AM'

Traffic Flow Matrix

Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	74	819	38	931
	B	8	0	6	3	17
	C	903	37	0	77	1017
	D	4	18	134	0	156
	Tot.	915	129	959	118	2121

Link Traffic Flows

Arm/Link	Flow Group 9: 2014 Proposed AM
1/1	893
1/2	38
2/1	17
3/1	980
3/2	37
4/1	156
5/1	915
6/1	129
7/1	959
8/1	118

Lane Saturation Flows

Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	8.3 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	91.7 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	47.1 %	1933
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	35.3 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	17.6 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	92.1 %	1942
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	7.9 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	2.6 %	1903
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	11.5 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	85.9 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Flow Group 10: '2014 Proposed PM'

Traffic Flow Matrix

Desired Flow :

Origin	Destination					
		A	B	C	D	Tot.
	A	0	13	793	1	807
	B	48	0	31	25	104
	C	890	10	0	79	979
	D	4	18	134	0	156
	Tot.	942	41	958	105	2046

Link Traffic Flows

Arm/Link	Flow Group 10: 2014 Proposed PM
1/1	806
1/2	1
2/1	104
3/1	969
3/2	10
4/1	156
5/1	942
6/1	41
7/1	958
8/1	105

Lane Saturation Flows

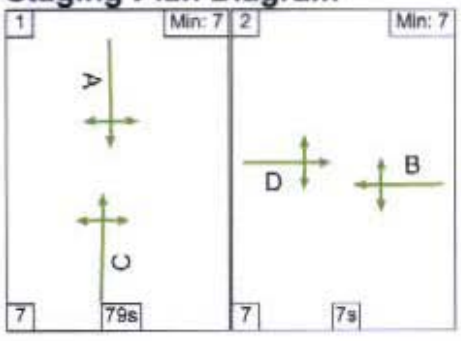
Arm/ Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat flow (PCU/Hr)
1/1 (A6010 Pottery Lane (N) Lane 1)	3.50	0.00	Y	Arm 6 Left (BCA Access Exit Arm)	Inf	1.6 %	1965
				Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	98.4 %	
1/2 (A6010 Pottery Lane (N) Lane 2)	3.90	0.00	N	Arm 7 Ahead (A6010 Pottery Lane (S) Exit Arm)	Inf	0.0 %	1806
				Arm 8 Right (Redgate Lane Exit Arm)	8.00	100.0 %	
2/1 (BCA Access Lane 1)	5.00	0.00	Y	Arm 5 Right (A6010 Pottery Lane (N) Exit Arm)	12.00	46.2 %	1945
				Arm 7 Left (A6010 Pottery Lane (S) Exit Arm)	15.00	29.8 %	
				Arm 8 Ahead (Redgate Lane Exit Arm)	Inf	24.0 %	
3/1 (A6010 Pottery Lane (S) Lane 1)	3.50	0.00	Y	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	91.8 %	1941
				Arm 8 Left (Redgate Lane Exit Arm)	10.00	8.2 %	
3/2 (A6010 Pottery Lane (S) Lane 2)	3.90	0.00	N	Arm 5 Ahead (A6010 Pottery Lane (N) Exit Arm)	Inf	0.0 %	1907
				Arm 6 Right (BCA Access Exit Arm)	12.00	100.0 %	
4/1 (Redgate Lane Lane 1)	5.00	0.00	Y	Arm 5 Left (A6010 Pottery Lane (N) Exit Arm)	9.00	2.6 %	1903
				Arm 6 Ahead (BCA Access Exit Arm)	Inf	11.5 %	
				Arm 7 Right (A6010 Pottery Lane (S) Exit Arm)	12.00	85.9 %	
5/1 (A6010 Pottery Lane (N) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf
6/1 (BCA Access Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)						Inf

7/1 (A6010 Pottery Lane (S) Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf
8/1 (Redgate Lane Exit Arm Lane 1)	Infinite Saturation Flow (on Exit Link)	Inf

Scenario 1: '2009 Surveyed AM'

Staging Plan 1: 'Staging Plan No. 1'
Flow Group 1: '2009 Surveyed AM'

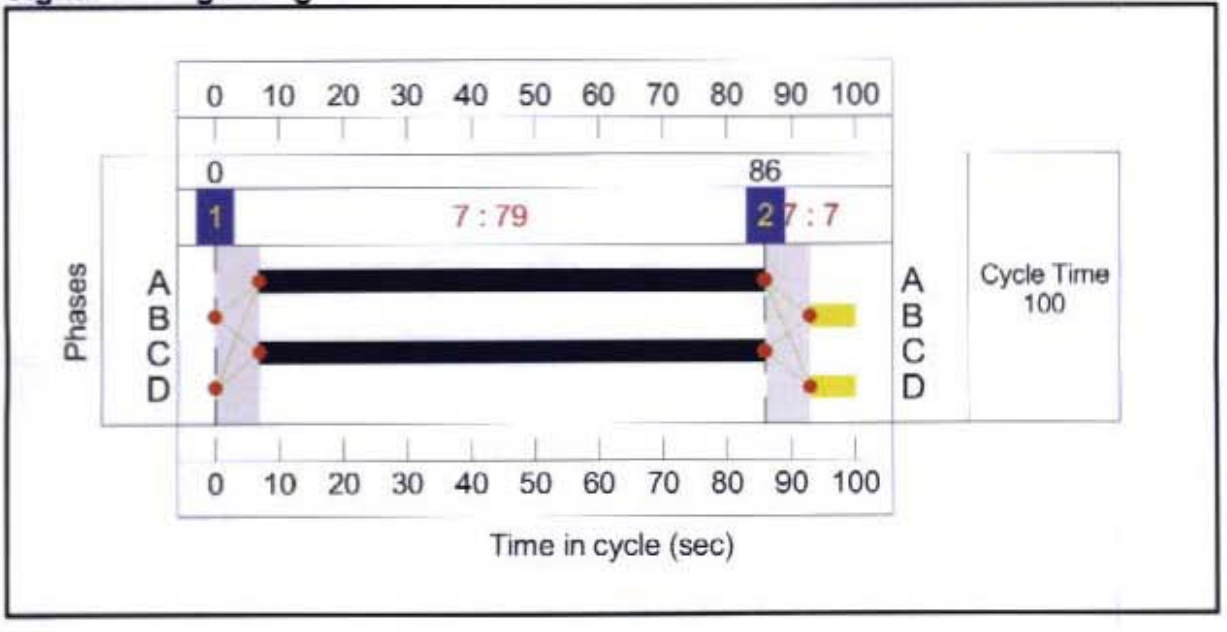
Staging Plan Diagram



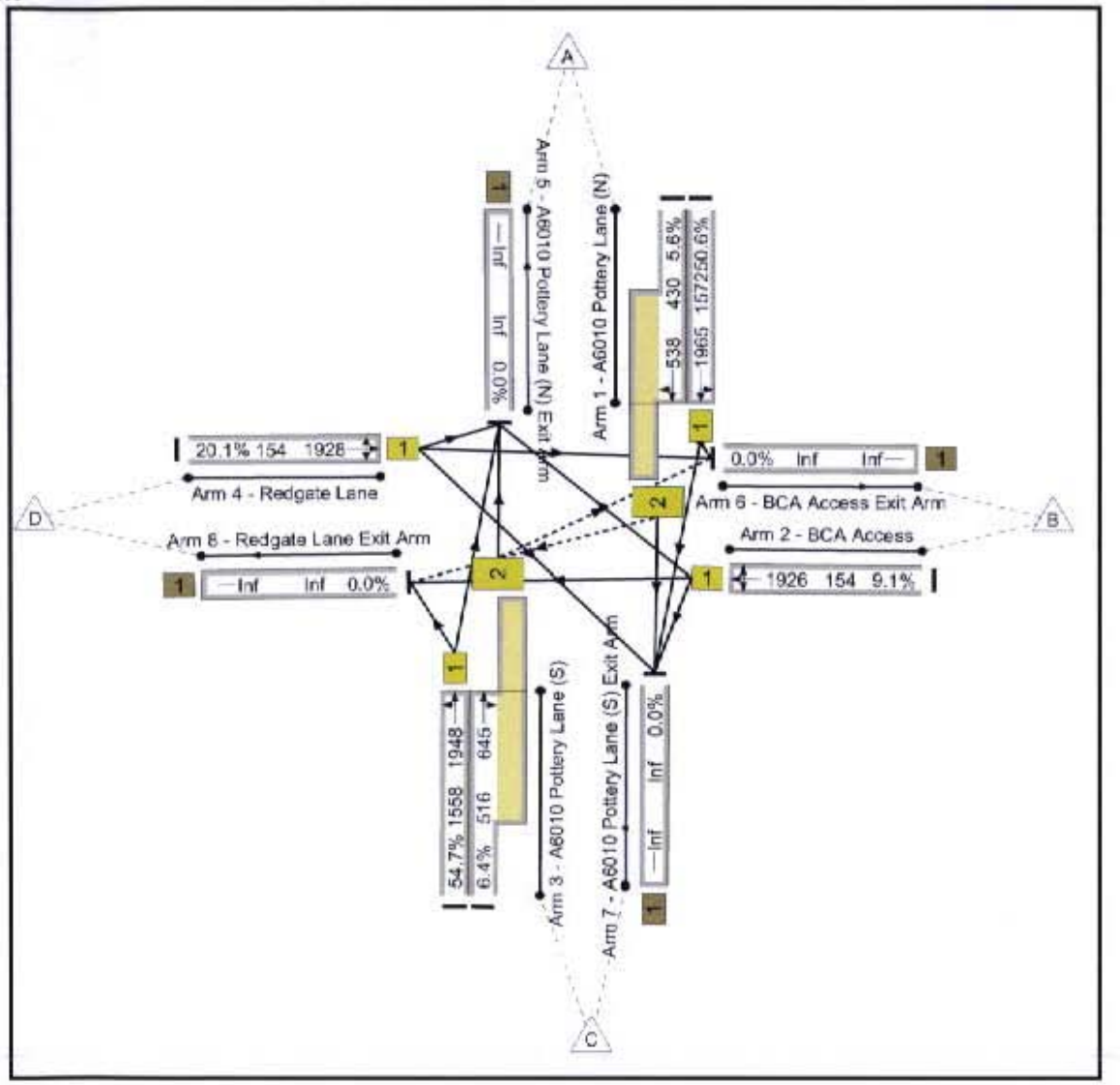
Stage Timings

Stage	1	2
Duration	79	7
Change Point	0	86

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	79	-	795	1965	1965	1572	50.6
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	79	-	24	1806	538	430	5.6
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	7	-	14	1926	1926	154	9.1
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	79	-	853	1948	1948	1558	54.7
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	79	-	33	1907	645	516	6.4
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	7	-	31	1928	1928	154	20.1
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	811	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	108	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	758	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	75	Inf	Inf	Inf	0.0

Full Input Data And Results

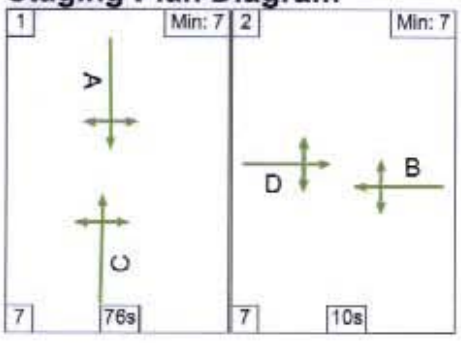
Link Num	Entering (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	795	795	-	-	-	0.7	0.5	-	1.3	5.7	7.3	0.5	7.8	
1/2	24	24	24	0	0	0.0	0.0	0.0	0.1	10.5	0.1	0.0	0.2	
2/1	14	14	-	-	-	0.2	0.0	-	0.2	55.6	0.4	0.0	0.4	
3/1	853	853	-	-	-	0.8	0.6	-	1.4	6.1	8.3	0.6	8.9	
3/2	33	33	32	0	1	0.0	0.0	0.0	0.1	8.9	0.2	0.0	0.2	
4/1	31	31	-	-	-	0.4	0.1	-	0.5	57.7	0.8	0.1	0.9	
5/1	811	811	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	106	106	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	758	758	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	75	75	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 64.4 Total Delay for Signalled Links (pcuHr): 3.56

PRC Over All Links (%): 64.4 Total Delay Over All Links(pcuHr): 3.56 Cycle Time (s): 100

Scenario 2: '2009 Surveyed PM'
Staging Plan 1: 'Staging Plan No. 1'
Flow Group 2: '2009 Surveyed PM'

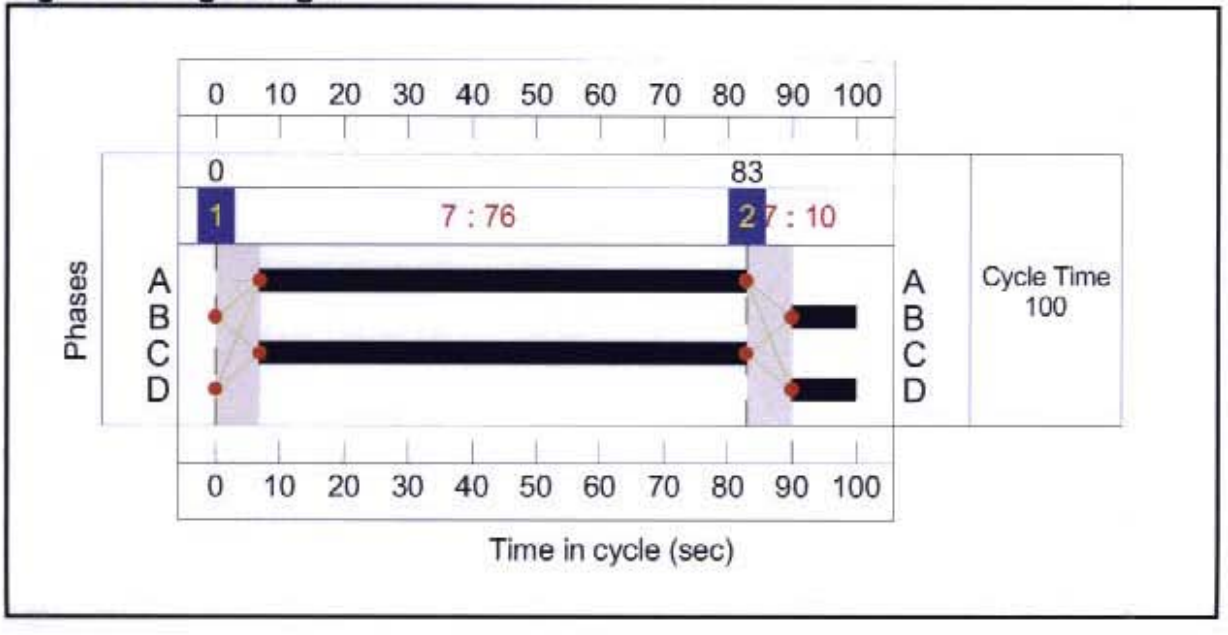
Staging Plan Diagram



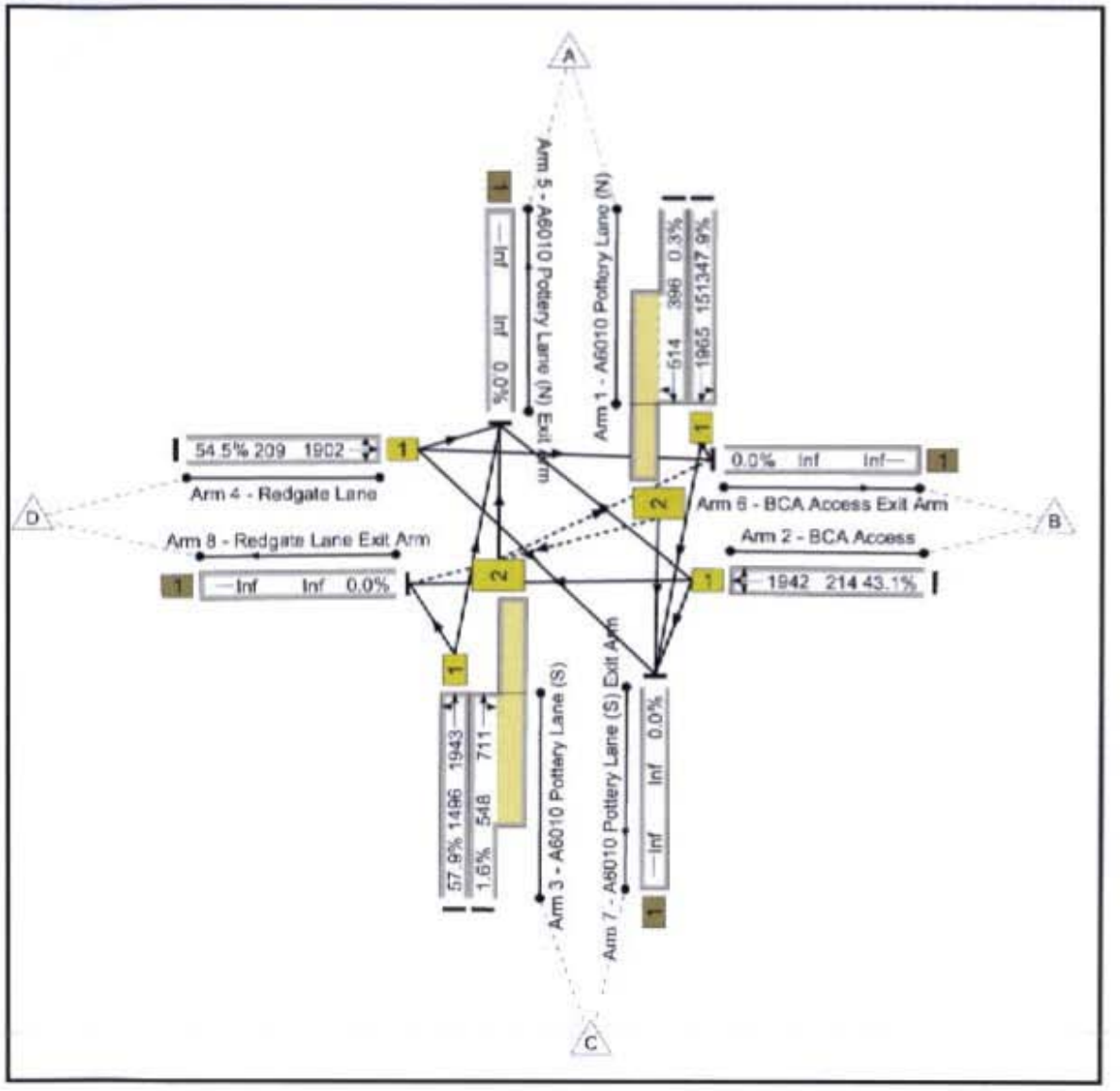
Stage Timings

Stage	1	2
Duration	76	10
Change Point	0	83

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	76	-	725	1965	1965	1513	47.9
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	76	-	1	1806	514	396	0.3
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	10	-	92	1942	1942	214	43.1
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	76	-	866	1943	1943	1496	57.9
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	76	-	9	1907	711	548	1.6
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	10	-	114	1902	1902	209	54.5
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	846	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	34	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	839	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	88	Inf	Inf	Inf	0.0

Full Input Data And Results

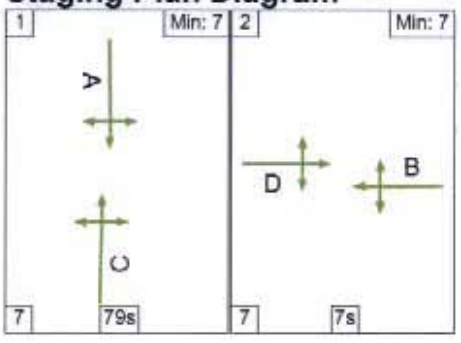
Link Num	Entering (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	725	725	-	-	-	0.8	0.5	-	1.3	6.5	7.3	0.5	7.7	
1/2	1	1	1	0	0	0.0	0.0	0.0	0.0	12.8	0.0	0.0	0.0	
2/1	92	92	-	-	-	1.1	0.4	-	1.4	56.3	2.4	0.4	2.8	
3/1	866	866	-	-	-	1.1	0.7	-	1.8	7.6	9.9	0.7	10.5	
3/2	9	9	9	0	0	0.0	0.0	0.0	0.0	9.3	0.1	0.0	0.1	
4/1	114	114	-	-	-	1.3	0.6	-	1.9	60.8	3.0	0.6	3.6	
5/1	846	846	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	34	34	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	839	839	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	88	88	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 55.5 Total Delay for Signalled Links (pcuHr): 6.53

PRC Over All Links (%): 55.5 Total Delay Over All Links(pcuHr): 6.53 Cycle Time (s): 100

Scenario 3: '2010 Base AM'
Staging Plan 1: 'Staging Plan No. 1'
Flow Group 3: '2010 Base AM'

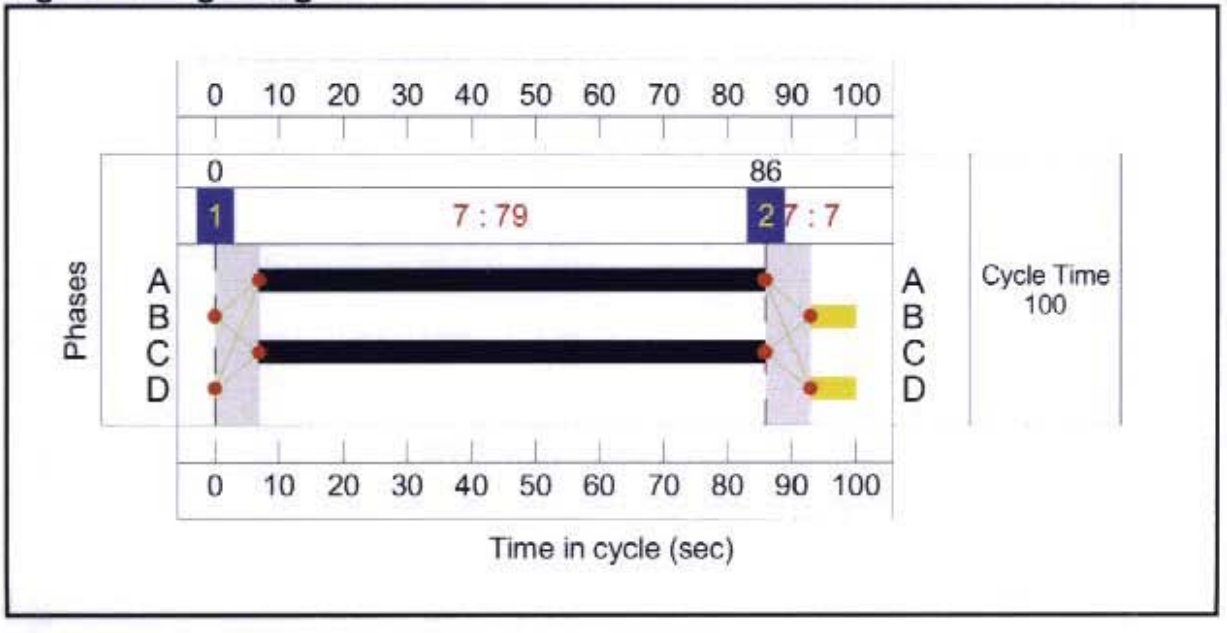
Staging Plan Diagram



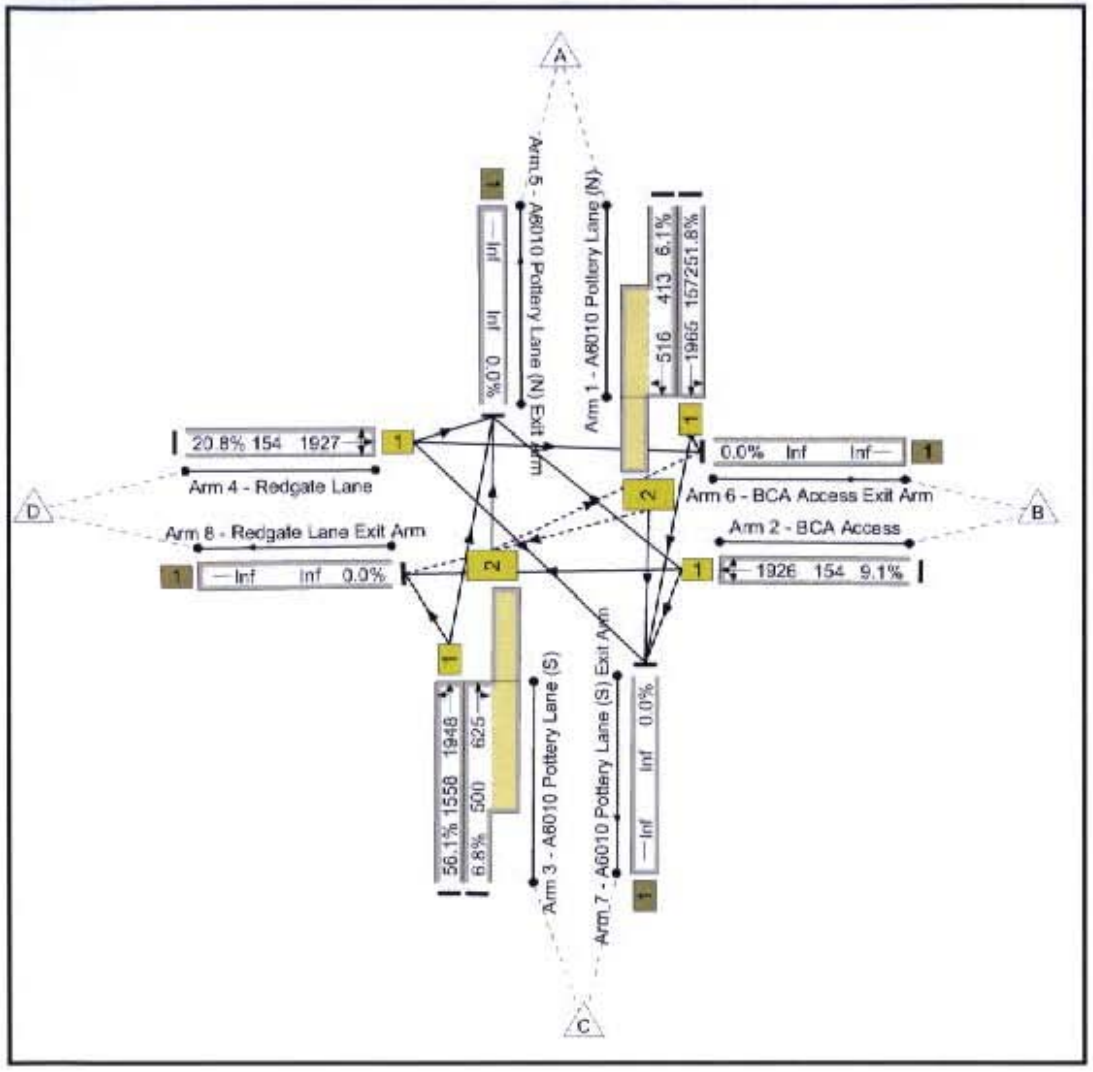
Stage Timings

Stage	1	2
Duration	79	7
Change Point	0	86

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	79	-	815	1965	1965	1572	51.8
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	79	-	25	1806	516	413	6.1
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	7	-	14	1926	1926	154	9.1
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	79	-	874	1948	1948	1558	56.1
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	79	-	34	1907	625	500	6.8
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	7	-	32	1927	1927	154	20.8
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	831	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	109	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	777	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	77	Inf	Inf	Inf	0.0

Full Input Data And Results

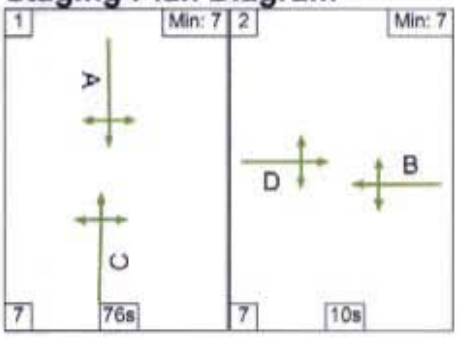
Link Num	Entering (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	815	815	-	-	-	0.8	0.5	-	1.3	5.8	7.7	0.5	8.2	
1/2	25	25	24	0	0	0.0	0.0	0.0	0.1	11.0	0.1	0.0	0.2	
2/1	14	14	-	-	-	0.2	0.0	-	0.2	55.6	0.4	0.0	0.4	
3/1	874	874	-	-	-	0.9	0.6	-	1.5	6.3	8.7	0.6	9.4	
3/2	34	34	33	0	1	0.0	0.0	0.0	0.1	9.2	0.2	0.0	0.2	
4/1	32	32	-	-	-	0.4	0.1	-	0.5	57.8	0.8	0.1	1.0	
5/1	831	831	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	109	109	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	777	777	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	77	77	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 60.5 Total Delay for Signalled Links (pcuHr): 3.72

PRC Over All Links (%): 60.5 Total Delay Over All Links(pcuHr): 3.72 Cycle Time (s): 100

Scenario 4: '2010 Base PM'
Staging Plan 1: 'Staging Plan No. 1'
Flow Group 4: '2010 Base PM'

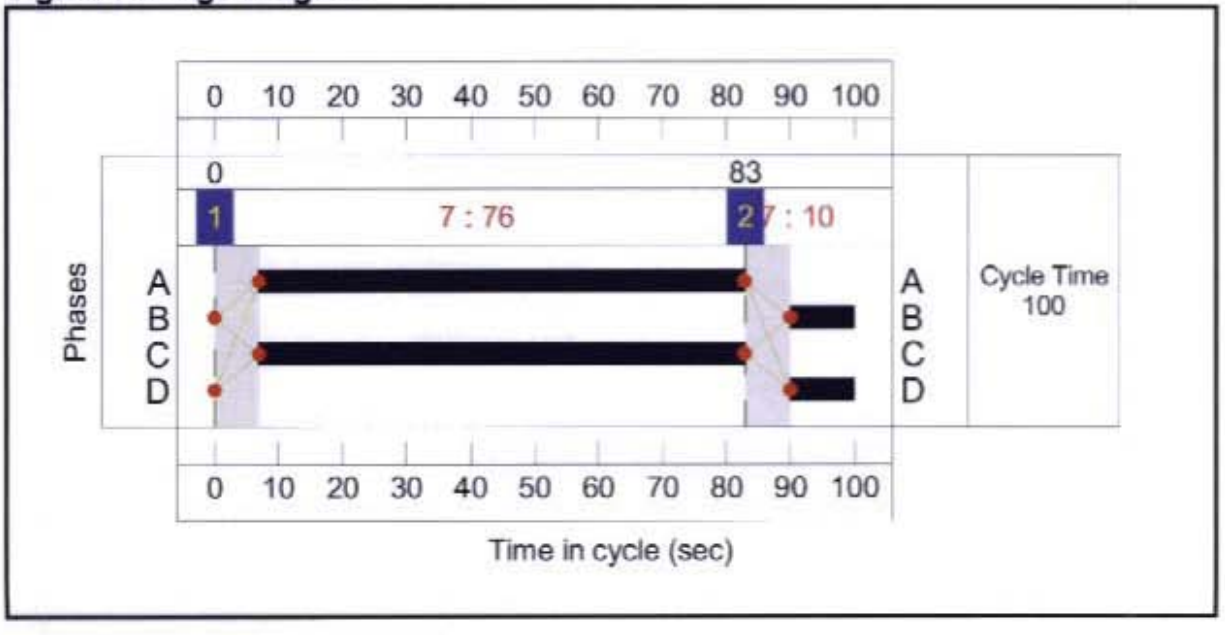
Staging Plan Diagram



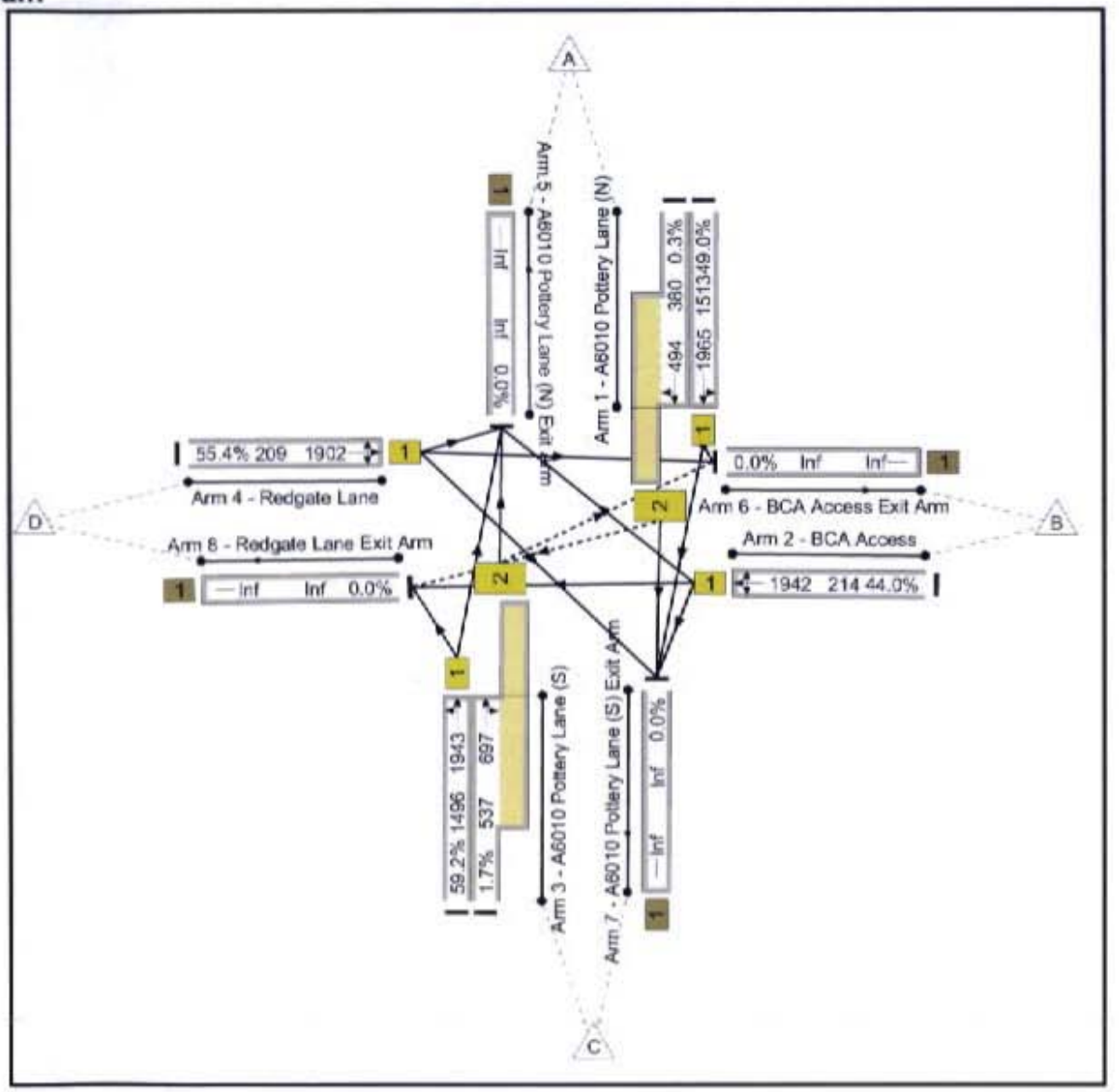
Stage Timings

Stage	1	2
Duration	76	10
Change Point	0	83

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	76	-	741	1965	1965	1513	49.0
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	76	-	1	1806	494	380	0.3
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	10	-	94	1942	1942	214	44.0
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	76	-	886	1943	1943	1496	59.2
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	76	-	9	1907	697	537	1.7
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	10	-	116	1902	1902	209	55.4
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	865	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	34	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	858	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	90	Inf	Inf	Inf	0.0

Full Input Data And Results

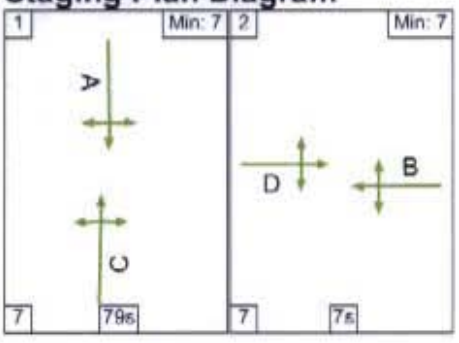
Link Num	Entering (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	741	741	-	-	-	0.9	0.5	-	1.4	6.6	7.4	0.5	7.9	
1/2	1	1	1	0	0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	
2/1	94	94	-	-	-	1.1	0.4	-	1.5	56.6	2.4	0.4	2.8	
3/1	886	886	-	-	-	1.2	0.7	-	1.9	7.8	10.3	0.7	11.1	
3/2	9	9	9	0	0	0.0	0.0	0.0	0.0	9.4	0.1	0.0	0.1	
4/1	116	116	-	-	-	1.4	0.6	-	2.0	61.2	3.0	0.6	3.6	
5/1	865	865	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	34	34	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	858	858	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	90	90	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 52.0 Total Delay for Signalled Links (pcuHr): 6.75

PRC Over All Links (%): 52.0 Total Delay Over All Links(pcuHr): 6.75 Cycle Time (s): 100

Scenario 5: '2010 Proposed AM'
Staging Plan 1: 'Staging Plan No. 1'
Flow Group 5: '2010 Proposed AM'

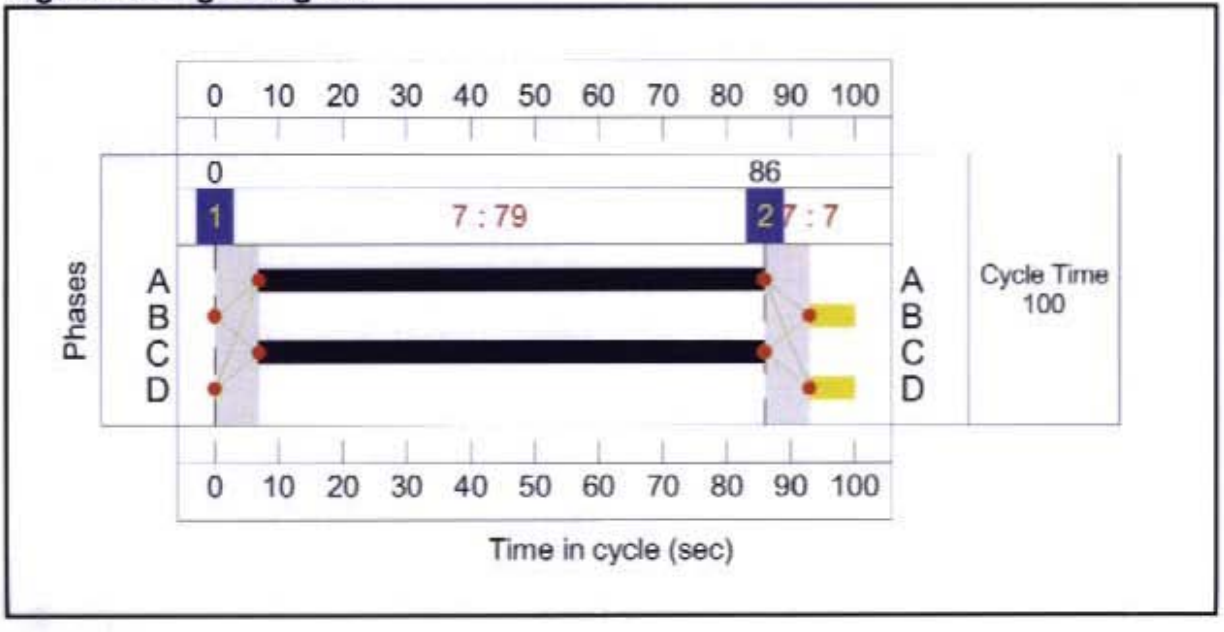
Staging Plan Diagram



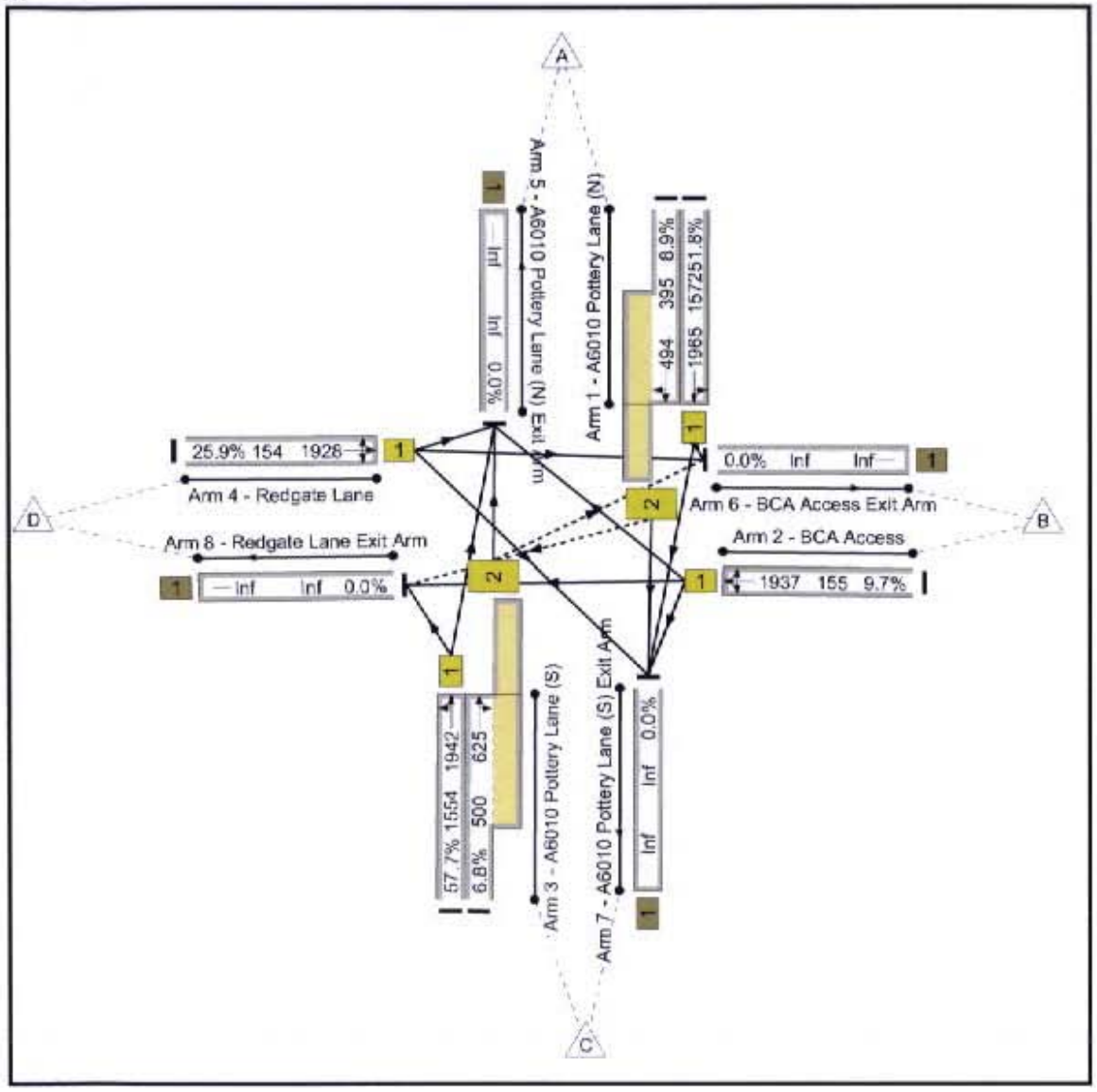
Stage Timings

Stage	1	2
Duration	79	7
Change Point	0	86

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	79	-	815	1965	1965	1572	51.8
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	79	-	35	1806	494	395	8.9
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	7	-	15	1937	1937	155	9.7
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	79	-	896	1942	1942	1554	57.7
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	79	-	34	1907	625	500	6.8
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	7	-	40	1928	1928	154	25.9
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	831	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	111	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	783	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	110	Inf	Inf	Inf	0.0

Full Input Data And Results

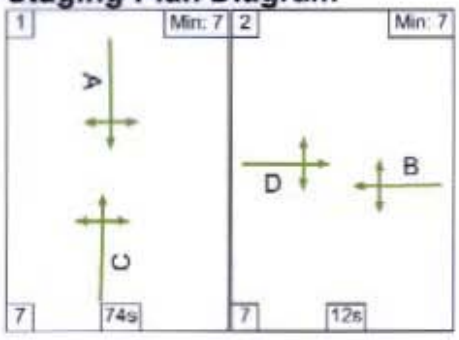
Link Num	Entering (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	815	815	-	-	-	0.8	0.5	-	1.3	5.8	7.7	0.5	8.2	
1/2	35	35	34	0	1	0.0	0.0	0.0	0.1	11.6	0.2	0.0	0.2	
2/1	15	15	-	-	-	0.2	0.1	-	0.2	55.6	0.4	0.1	0.4	
3/1	896	896	-	-	-	0.9	0.7	-	1.6	6.4	9.2	0.7	9.9	
3/2	34	34	33	0	1	0.0	0.0	0.0	0.1	9.2	0.2	0.0	0.2	
4/1	40	40	-	-	-	0.5	0.2	-	0.7	58.9	1.0	0.2	1.2	
5/1	831	831	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	111	111	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	783	783	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	110	110	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 56.1 Total Delay for Signalled Links (pcuHr): 4.00

PRC Over All Links (%): 56.1 Total Delay Over All Links(pcuHr): 4.00 Cycle Time (s): 100

Scenario 6: '2010 Proposed PM'
Staging Plan 1: 'Staging Plan No. 1'
Flow Group 6: '2010 Proposed PM'

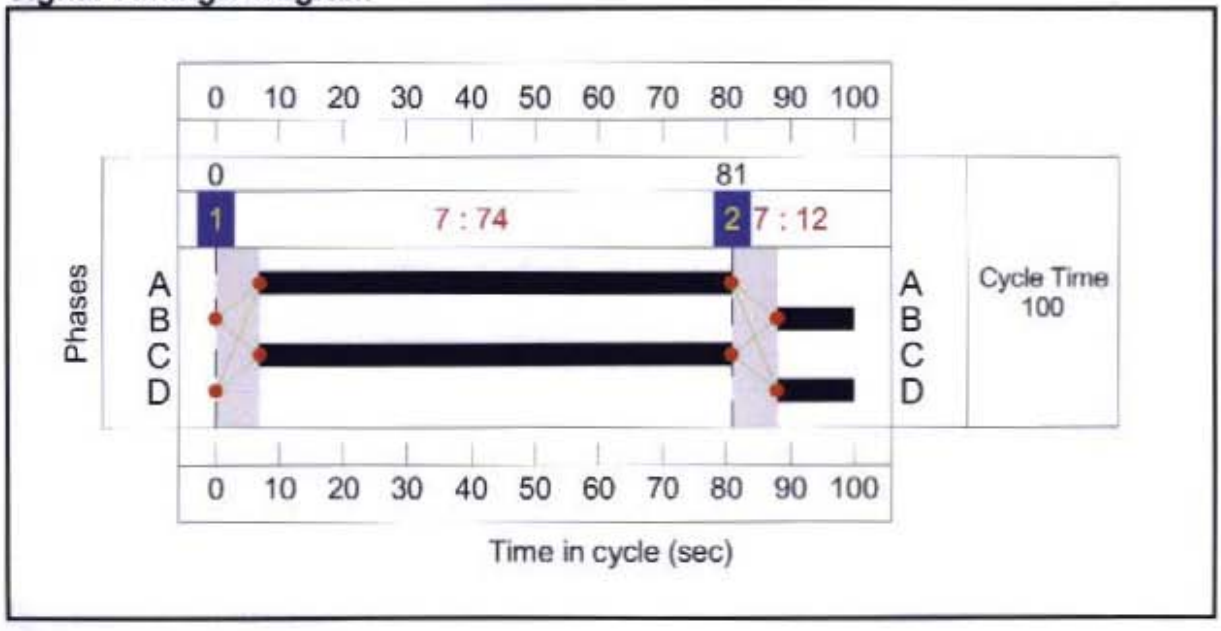
Staging Plan Diagram



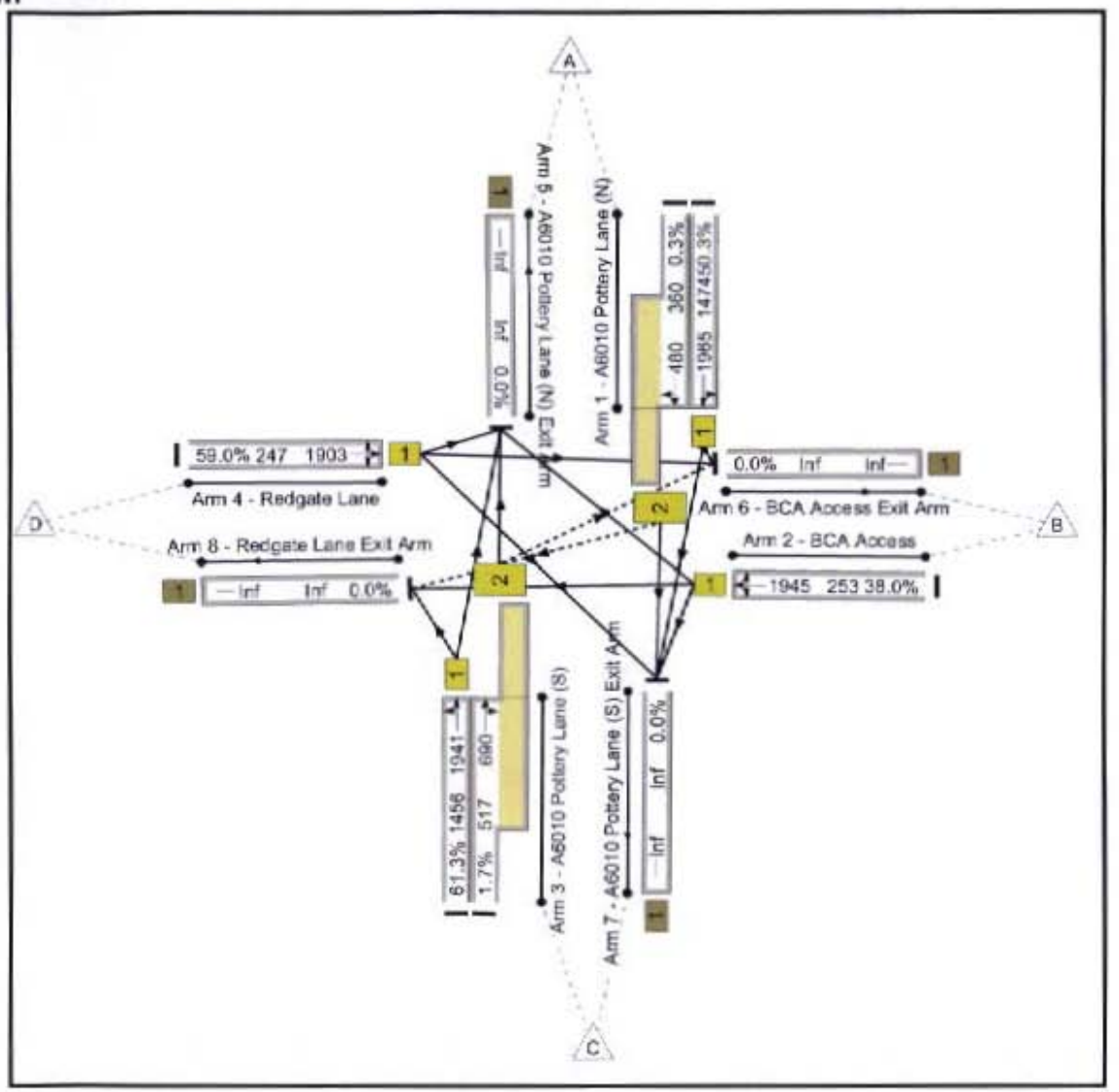
Stage Timings

Stage	1	2
Duration	74	12
Change Point	0	81

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	74	-	741	1985	1985	1474	50.3
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	74	-	1	1806	480	360	0.3
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	12	-	96	1945	1945	253	38.0
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	74	-	892	1941	1941	1456	61.3
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	74	-	9	1907	690	517	1.7
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	12	-	146	1903	1903	247	59.0
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	868	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	38	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	883	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	98	Inf	Inf	Inf	0.0

Full Input Data And Results

Link Num	Entering (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 Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	741	741	-	-	-	1.0	0.5	-	1.5	7.5	8.2	0.5	8.7	
1/2	1	1	1	0	0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0	
2/1	96	96	-	-	-	1.1	0.3	-	1.4	51.3	2.4	0.3	2.7	
3/1	892	892	-	-	-	1.4	0.8	-	2.2	9.0	11.4	0.8	12.2	
3/2	9	9	9	0	0	0.0	0.0	0.0	0.0	10.6	0.1	0.0	0.1	
4/1	146	146	-	-	-	1.7	0.7	-	2.4	58.5	3.8	0.7	4.5	
5/1	866	866	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	38	38	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	883	883	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	98	98	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

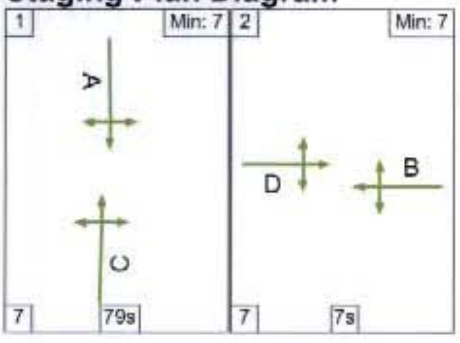
PRC for Signalled Links (%): 46.9 Total Delay for Signalled Links (pcuHr): 7.53

PRC Over All Links (%): 46.9 Total Delay Over All Links(pcuHr): 7.53 Cycle Time (s): 100

Scenario 7: '2014 Base AM'

Staging Plan 1: 'Staging Plan No. 1'
Flow Group 7: '2014 Base AM'

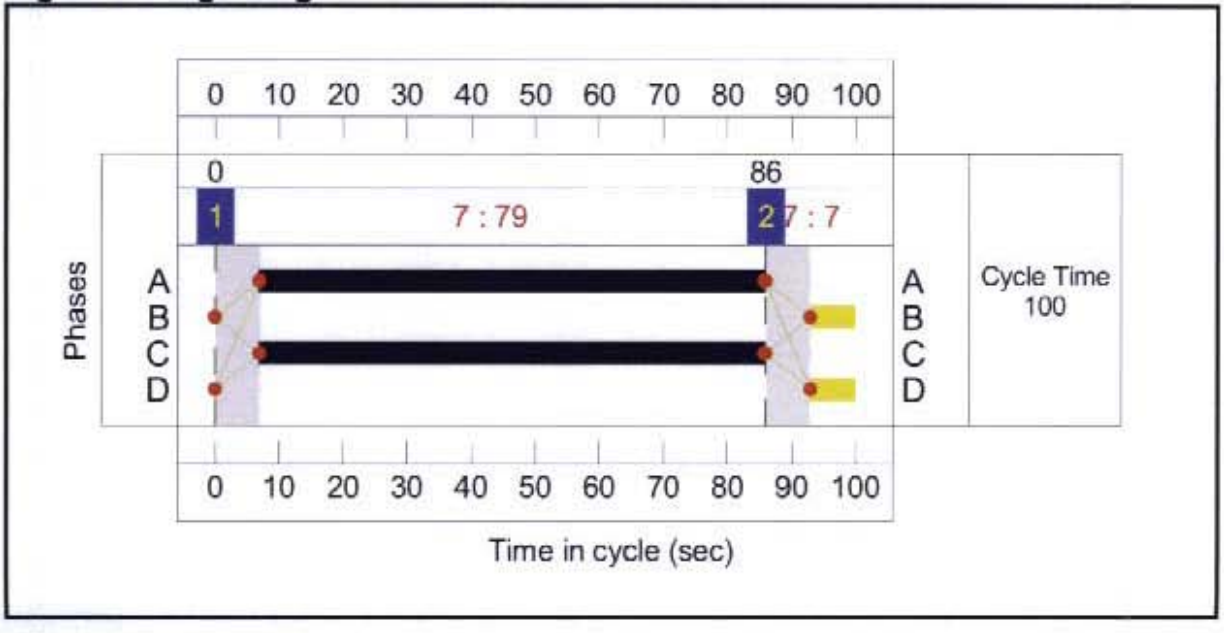
Staging Plan Diagram



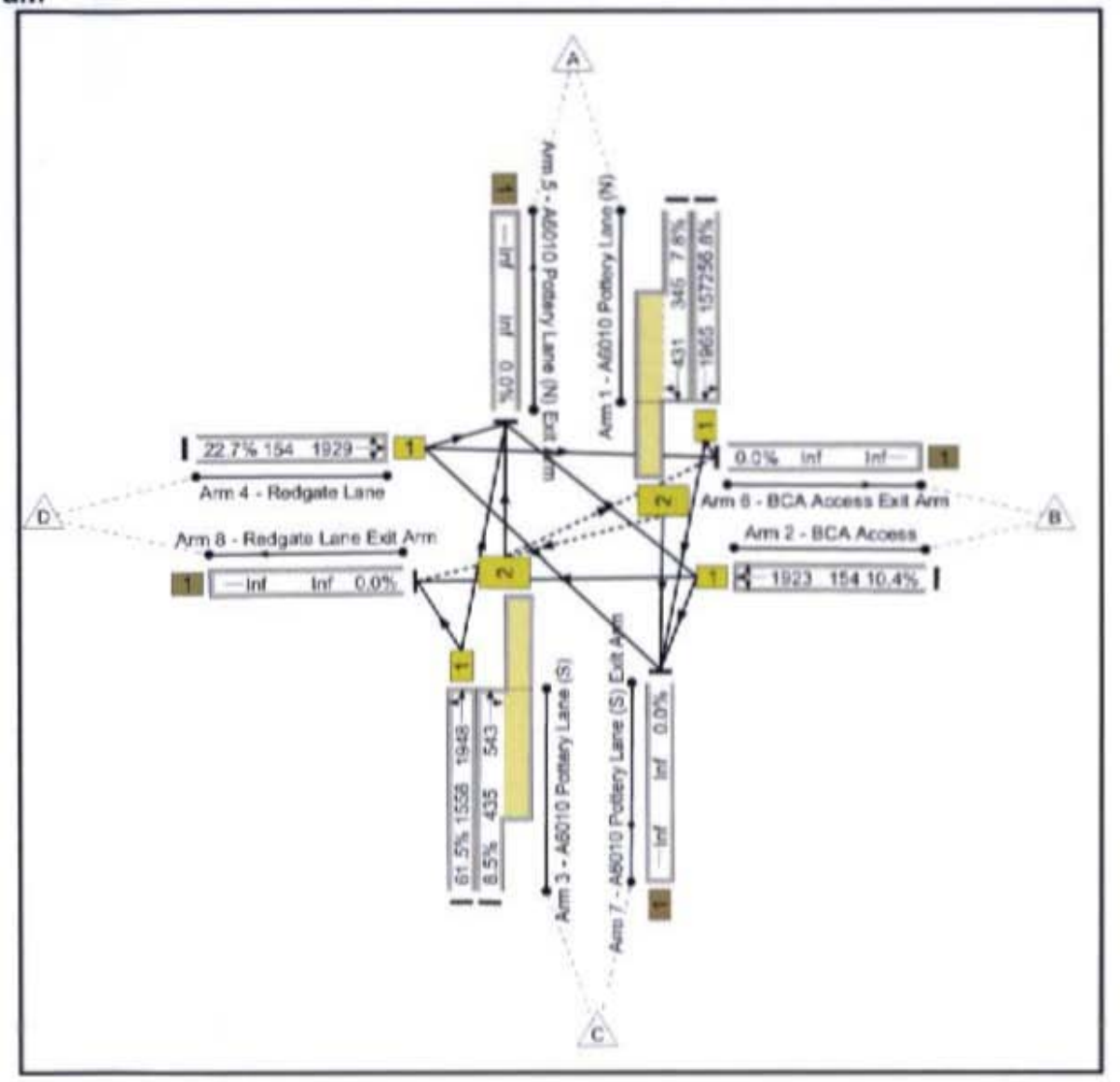
Stage Timings

Stage	1	2
Duration	79	7
Change Point	0	86

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	79	-	893	1965	1965	1572	56.8
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	79	-	27	1806	431	345	7.8
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	7	-	16	1923	1923	154	10.4
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	79	-	958	1948	1948	1558	61.5
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	79	-	37	1907	543	435	8.5
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	7	-	35	1929	1929	154	22.7
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	911	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	119	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	852	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	84	Inf	Inf	Inf	0.0

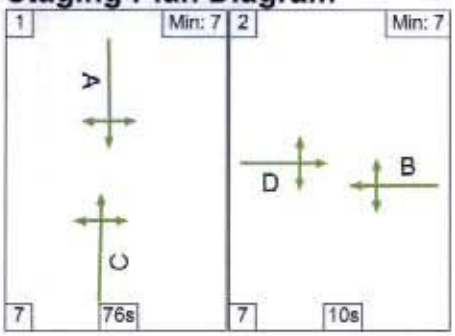
Full Input Data And Results

Link Num	Entering (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 Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	893	893	-	-	-	0.9	0.7	-	1.6	6.3	8.9	0.7	9.6	
1/2	27	27	26	0	1	0.0	0.0	0.0	0.1	13.5	0.1	0.0	0.2	
2/1	16	16	-	-	-	0.2	0.1	-	0.2	55.8	0.4	0.1	0.5	
3/1	958	958	-	-	-	1.0	0.8	-	1.8	6.9	10.4	0.8	11.2	
3/2	37	37	36	0	1	0.0	0.0	0.0	0.1	10.9	0.2	0.0	0.3	
4/1	35	35	-	-	-	0.4	0.1	-	0.6	58.2	0.9	0.1	1.1	
5/1	911	911	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	119	119	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	852	852	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	84	84	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 46.4 Total Delay for Signalled Links (pcuHr): 4.44
PRC Over All Links (%): 46.4 Total Delay Over All Links(pcuHr): 4.44 Cycle Time (s): 100

Scenario 8: '2014 Base PM'
Staging Plan 1: 'Staging Plan No. 1'
Flow Group 8: '2014 Base PM'

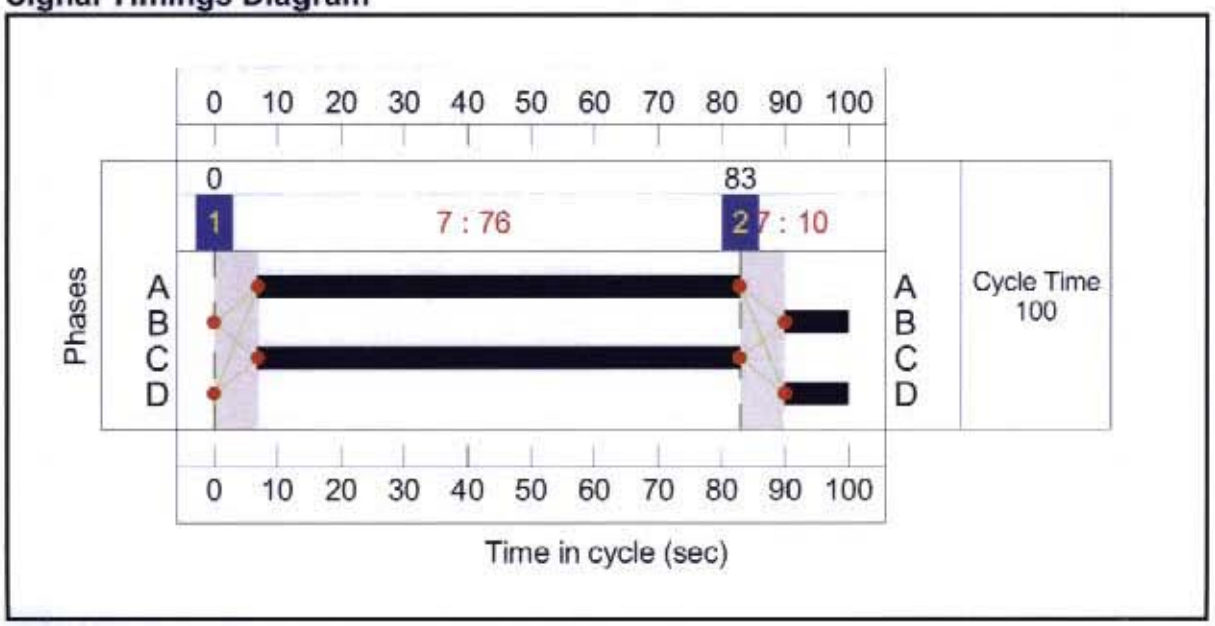
Staging Plan Diagram



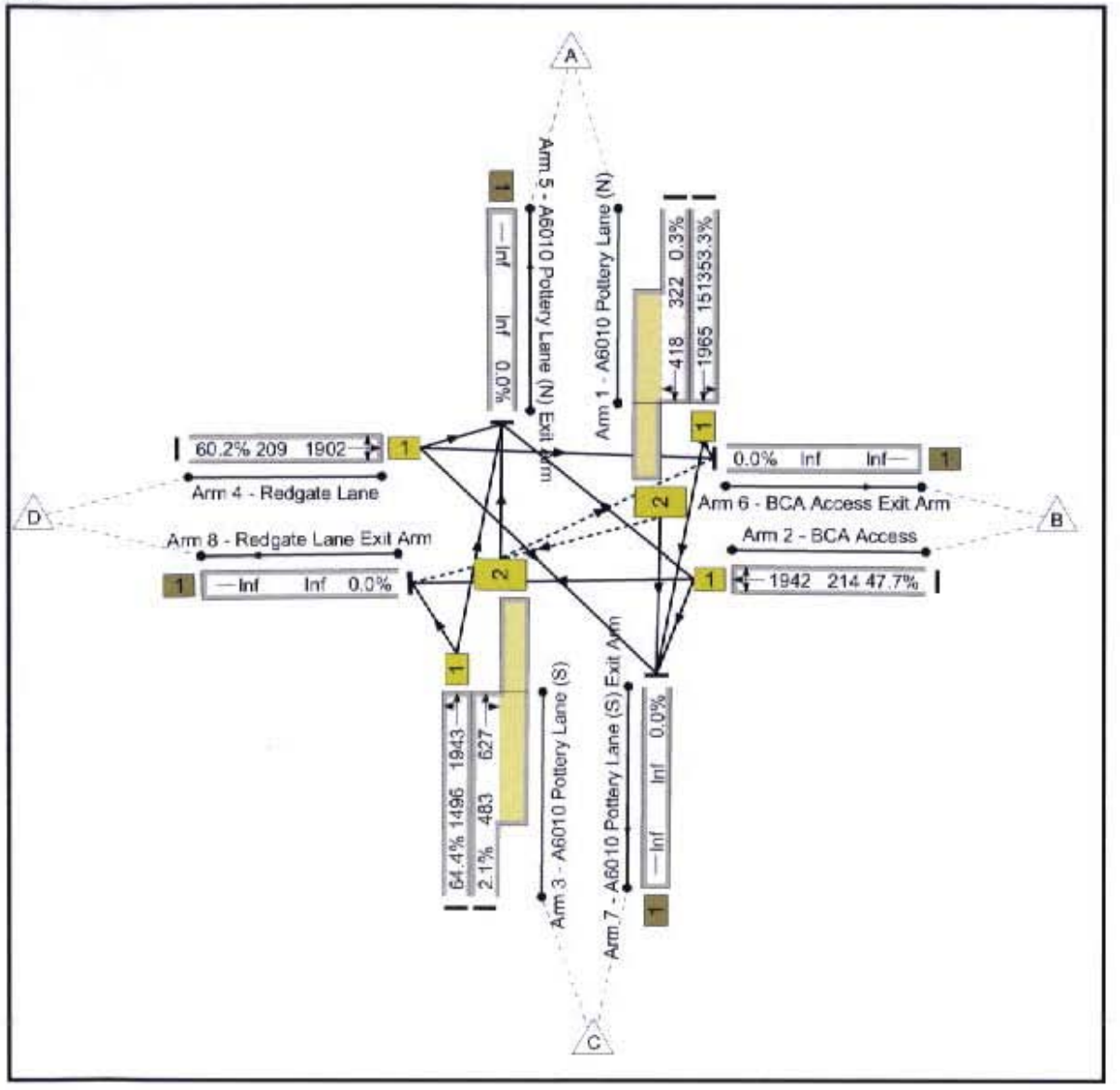
Stage Timings

Stage	1	2
Duration	76	10
Change Point	0	83

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	76	-	806	1965	1965	1513	53.3
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	76	-	1	1806	418	322	0.3
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	10	-	102	1942	1942	214	47.7
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	76	-	963	1943	1943	1496	64.4
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	76	-	10	1907	627	483	2.1
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	10	-	126	1902	1902	209	60.2
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	941	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	37	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	933	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	97	Inf	Inf	Inf	0.0

Full Input Data And Results

Link Num	Entering (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 Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	806	806	-	-	-	1.0	0.6	-	1.6	7.0	8.5	0.6	9.1	
1/2	1	1	1	0	0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	
2/1	102	102	-	-	-	1.2	0.5	-	1.6	57.8	2.6	0.5	3.1	
3/1	963	963	-	-	-	1.4	0.9	-	2.3	8.6	12.0	0.9	12.9	
3/2	10	10	10	0	0	0.0	0.0	0.0	0.0	10.5	0.1	0.0	0.1	
4/1	126	126	-	-	-	1.5	0.7	-	2.2	63.7	3.3	0.7	4.1	
5/1	941	941	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	37	37	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	933	933	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	97	97	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

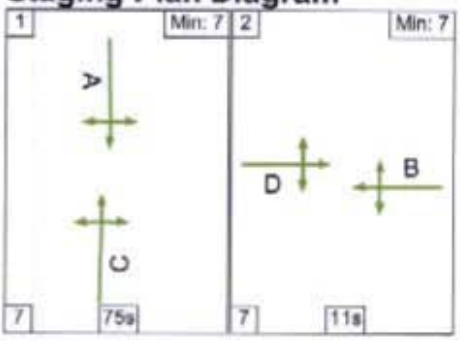
PRC for Signalled Links (%): 39.6 Total Delay for Signalled Links (pcuHr): 7.78

PRC Over All Links (%): 39.6 Total Delay Over All Links(pcuHr): 7.78 Cycle Time (s): 100

Scenario 9: '2014 Proposed AM'

Staging Plan 1: 'Staging Plan No. 1'
Flow Group 9: '2014 Proposed AM'

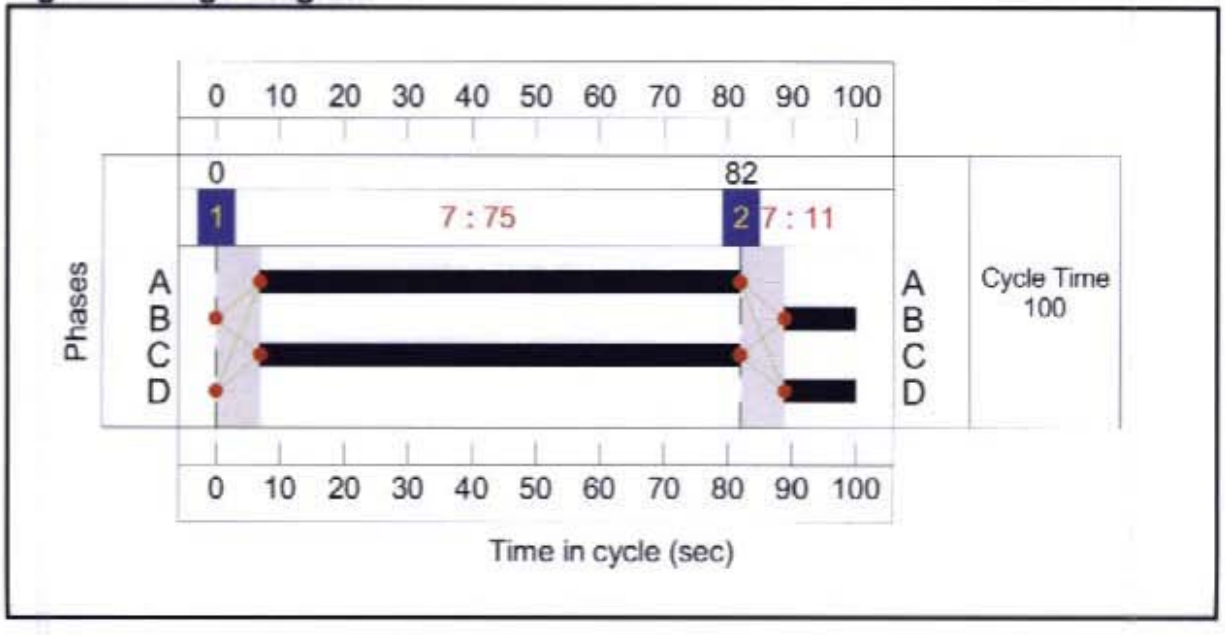
Staging Plan Diagram



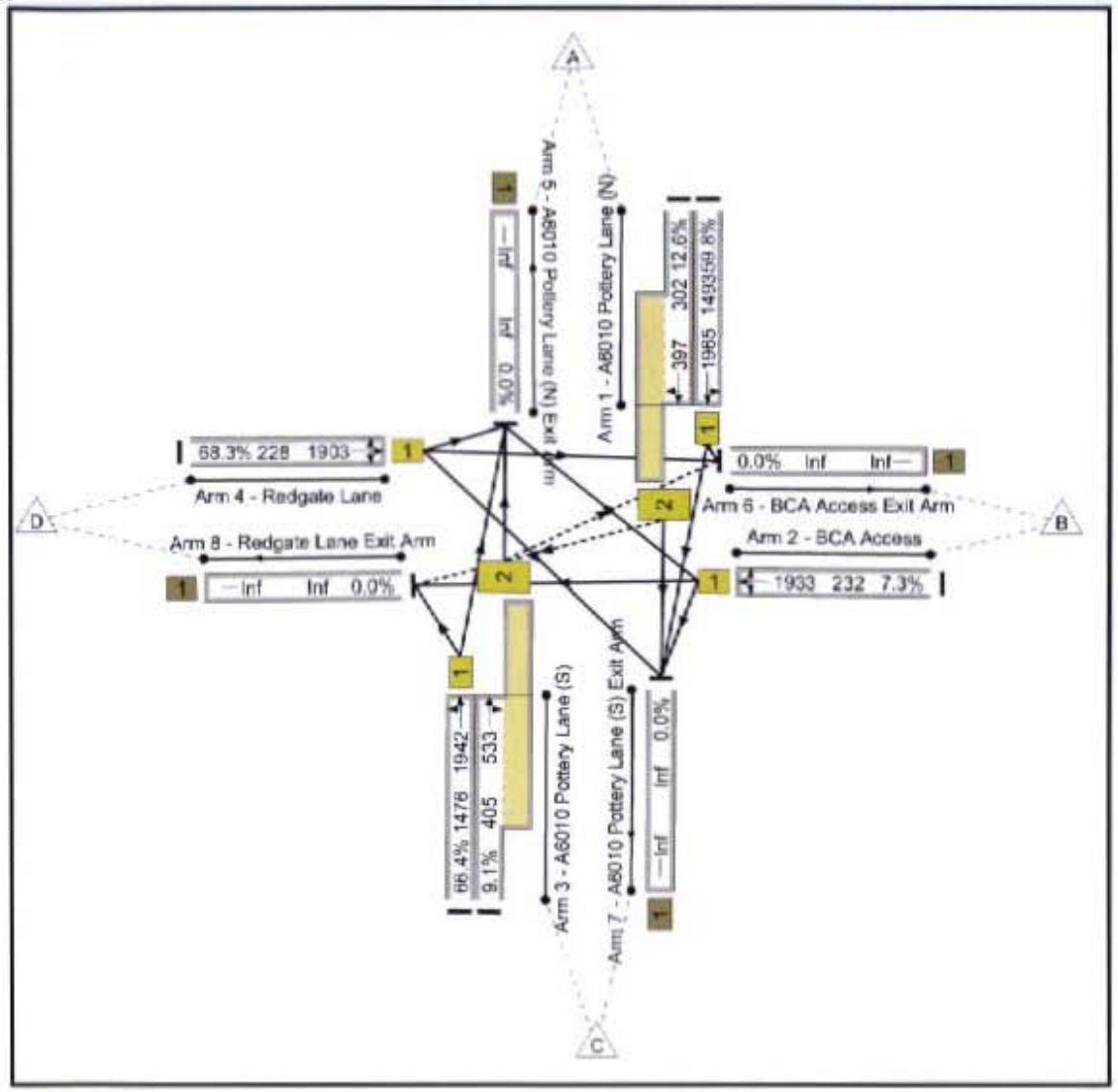
Stage Timings

Stage	1	2
Duration	75	11
Change Point	0	82

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	75	-	893	1965	1965	1493	59.8
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	75	-	38	1806	397	302	12.6
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	11	-	17	1933	1933	232	7.3
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	75	-	980	1942	1942	1476	66.4
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	75	-	37	1907	533	405	9.1
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	11	-	156	1903	1903	228	68.3
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	915	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	129	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	959	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	116	Inf	Inf	Inf	0.0

Full Input Data And Results

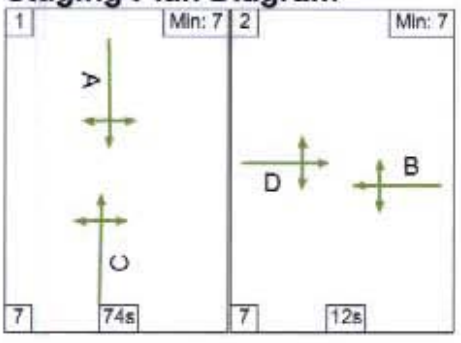
Link Num	Entering (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	893	893	-	-	-	1.3	0.7	-	2.1	8.3	10.7	0.7	11.4	
1/2	38	38	37	0	1	0.0	0.1	0.1	0.2	19.4	0.3	0.1	0.3	
2/1	17	17	-	-	-	0.2	0.0	-	0.2	47.5	0.4	0.0	0.5	
3/1	980	980	-	-	-	1.6	1.0	-	2.6	9.4	13.1	1.0	14.1	
3/2	37	37	36	0	1	0.0	0.1	0.1	0.1	14.1	0.2	0.1	0.3	
4/1	156	156	-	-	-	1.8	1.0	-	2.9	66.4	4.1	1.0	5.2	
5/1	915	915	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	129	129	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	959	959	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	118	118	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 31.7 Total Delay for Signalled Links (pcuHr): 8.07

PRC Over All Links (%): 31.7 Total Delay Over All Links(pcuHr): 8.07 Cycle Time (s): 100

Scenario 10: '2014 Proposed PM'
Staging Plan 1: 'Staging Plan No. 1'
Flow Group 10: '2014 Proposed PM'

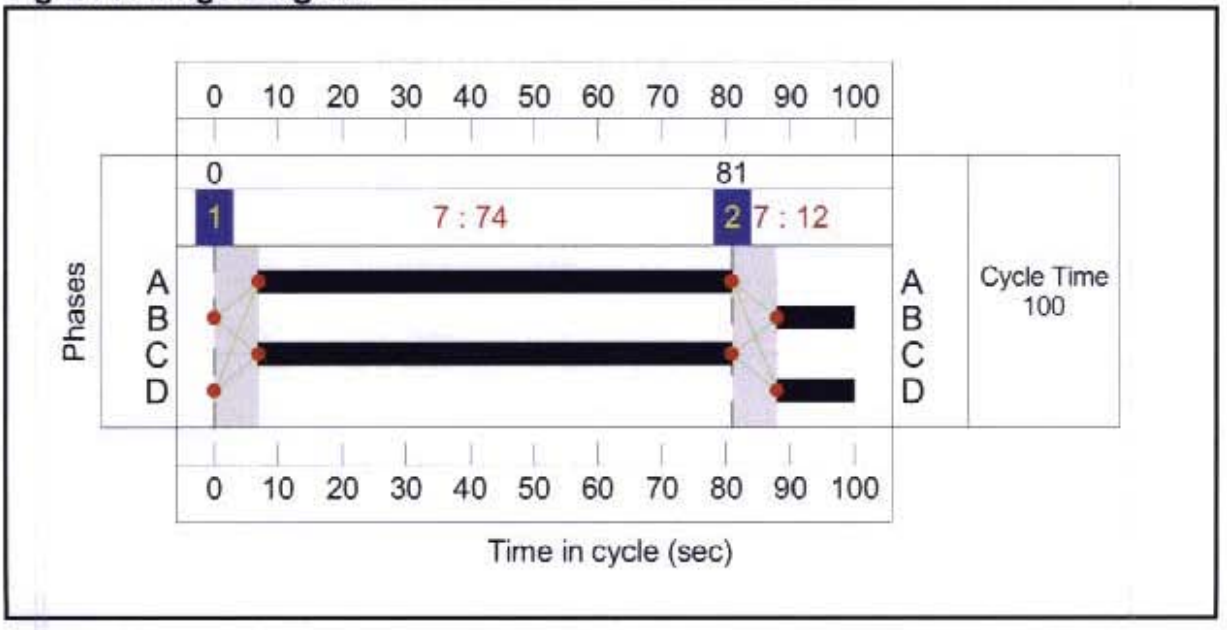
Staging Plan Diagram



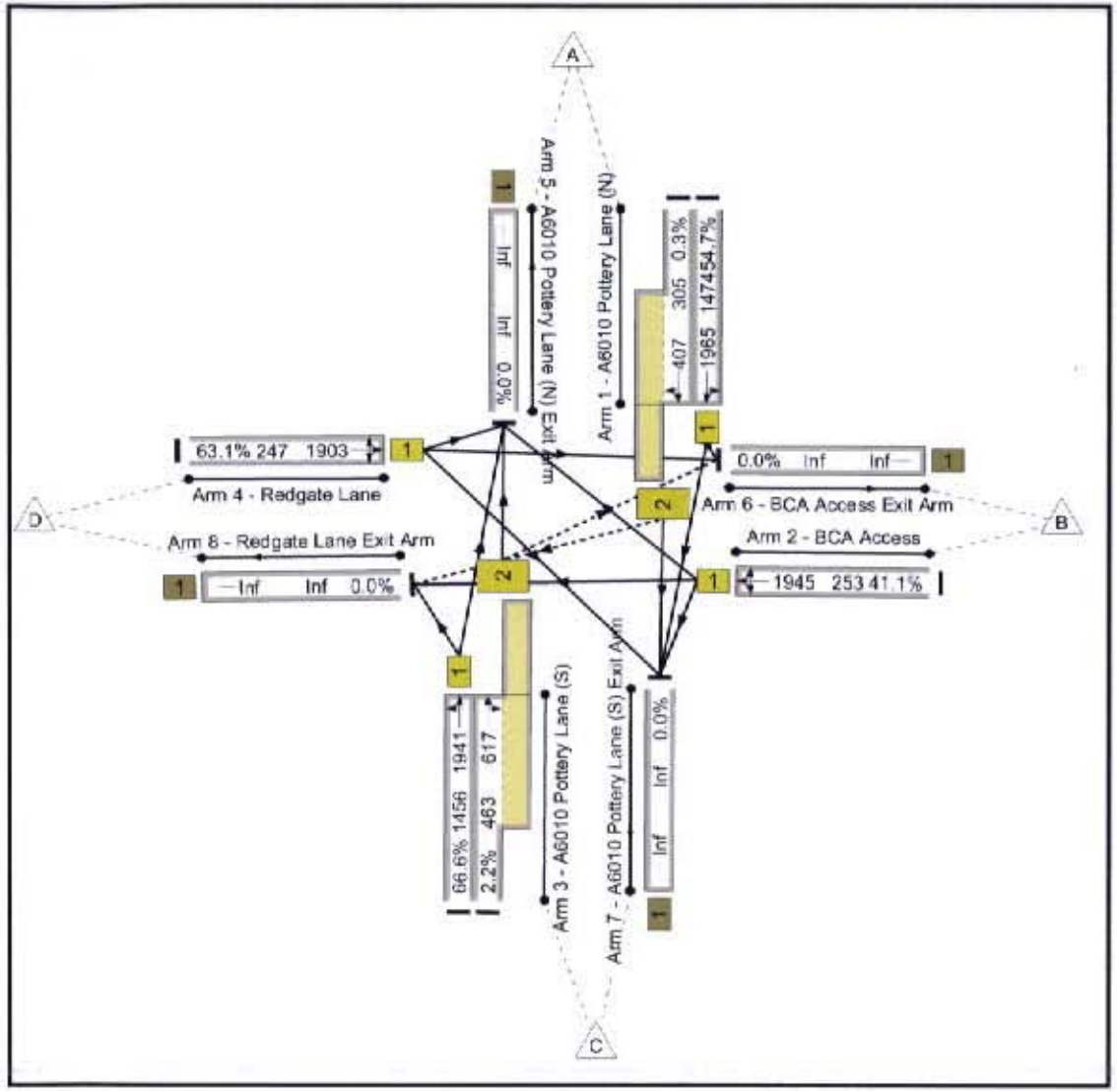
Stage Timings

Stage	1	2
Duration	74	12
Change Point	0	81

Signal Timings Diagram



Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	Stage Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
1/1	A6010 Pottery Lane (N) Left Ahead	U	N/A	N/A	A		1	74	-	808	1965	1965	1474	54.7
1/2	A6010 Pottery Lane (N) Ahead Right	O	N/A	N/A	A		1	74	-	1	1606	407	305	0.3
2/1	BCA Access Right Left Ahead	U	N/A	N/A	B		1	12	-	104	1945	1945	253	41.1
3/1	A6010 Pottery Lane (S) Ahead Left	U	N/A	N/A	C		1	74	-	969	1941	1941	1456	66.6
3/2	A6010 Pottery Lane (S) Ahead Right	O	N/A	N/A	C		1	74	-	10	1907	617	463	2.2
4/1	Redgate Lane Left Ahead Right	U	N/A	N/A	D		1	12	-	156	1903	1903	247	63.1
5/1	A6010 Pottery Lane (N) Exit Arm	U	N/A	N/A	-		-	-	-	942	Inf	Inf	Inf	0.0
6/1	BCA Access Exit Arm	U	N/A	N/A	-		-	-	-	41	Inf	Inf	Inf	0.0
7/1	A6010 Pottery Lane (S) Exit Arm	U	N/A	N/A	-		-	-	-	958	Inf	Inf	Inf	0.0
8/1	Redgate Lane Exit Arm	U	N/A	N/A	-		-	-	-	105	Inf	Inf	Inf	0.0

Full Input Data And Results

Link Num	Entering (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 Veh (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)	
1/1	806	806	-	-	-	1.2	0.6	-	1.8	8.0	9.4	0.6	10.0	
1/2	1	1	1	0	0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	
2/1	104	104	-	-	-	1.2	0.3	-	1.5	52.0	2.6	0.3	3.0	
3/1	969	969	-	-	-	1.7	1.0	-	2.7	9.9	13.2	1.0	14.2	
3/2	10	10	10	0	0	0.0	0.0	0.0	0.0	12.2	0.1	0.0	0.1	
4/1	156	156	-	-	-	1.8	0.8	-	2.6	60.6	4.1	0.8	4.9	
5/1	942	942	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
6/1	41	41	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
7/1	958	958	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	
8/1	105	105	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	

PRC for Signalled Links (%): 35.2 Total Delay for Signalled Links (pcuHr): 8.63

PRC Over All Links (%): 35.2 Total Delay Over All Links(pcuHr): 8.63 Cycle Time (s): 100