

Basic Results Summary

User and Project Details

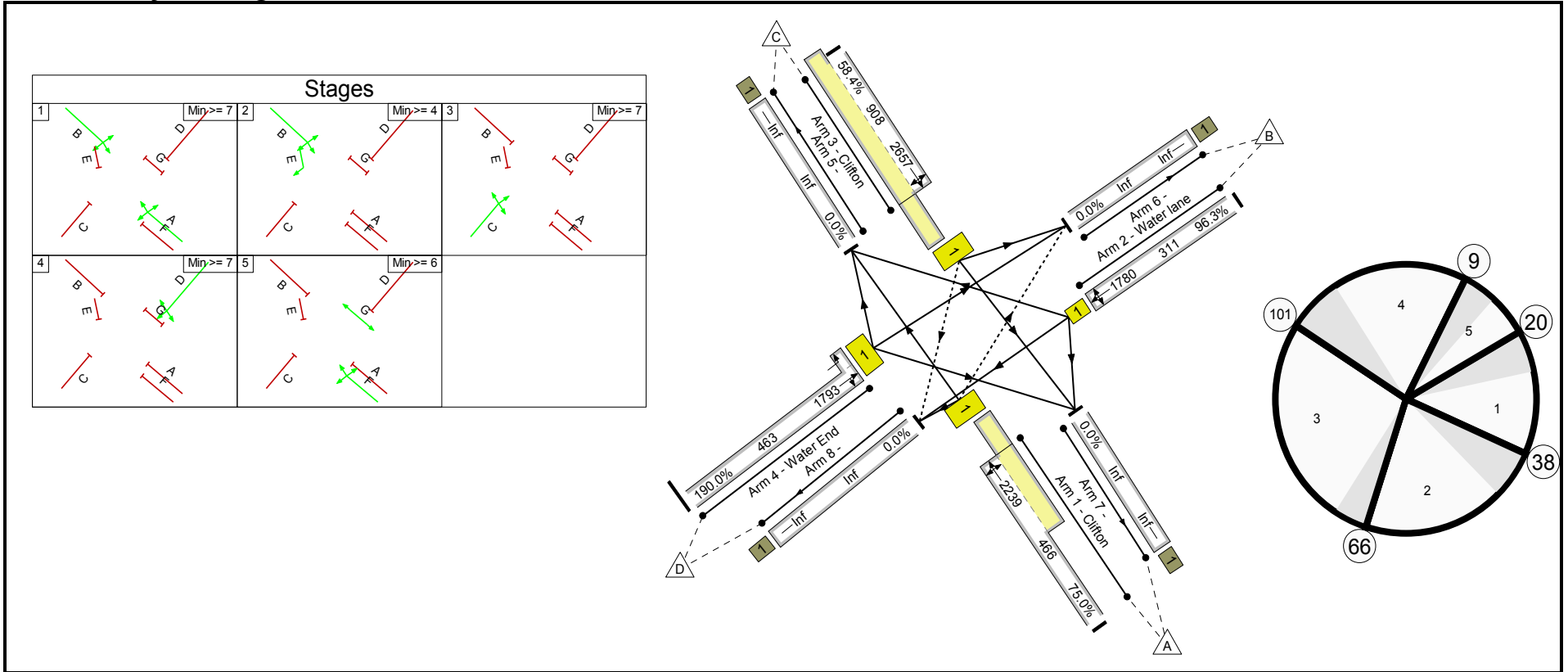
Project:	
Title:	YK216
Location:	Clifton Green
File name:	Clifton_Greenv3.lsgx
Author:	
Company:	
Address:	
Controller:	Peek
SCN:	1FEC1
Notes:	

Scenario 13: 'Copy of At opening AM'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 1: 'AM Peak pre-scheme'

Junction Layout Diagram



Link Results

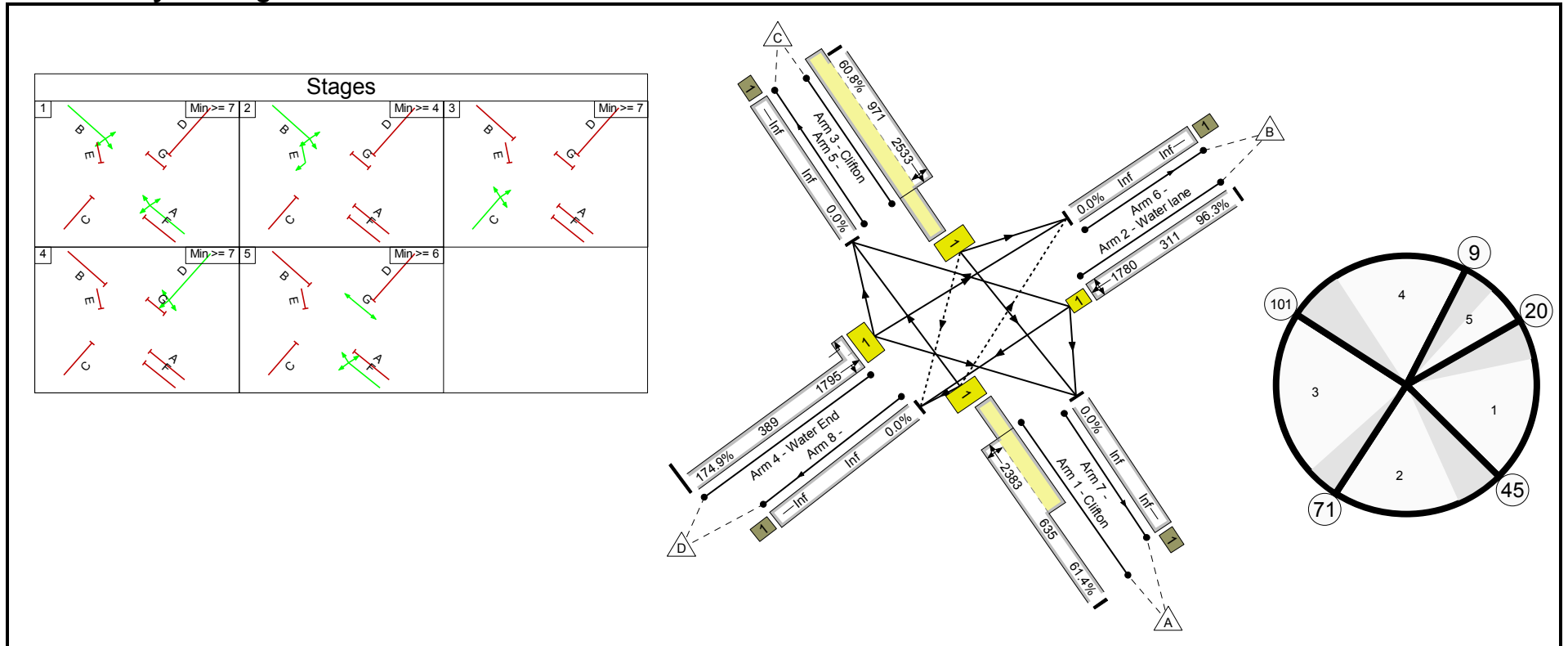
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Clifton Ahead Right Left	O	A	F	1	24	12	350	1855	2239	466	75.0	17	43	0	5.8	59.5	12.4
2/1	Water lane Right Left Ahead	U	D		1	20	-	300	1780	1780	311	96.3	-	-	-	10.3	124.1	16.2
3/1	Clifton Left Ahead Right	O	B	E	1	40	21	530	1724	2657	908	58.4	66	175	8	5.6	38.0	15.6
4/1	Water End Left Ahead Right	U	C		1	30	-	880	3522	1793	463	190.0	-	-	-	248.0	1014.4	262.7
PRC for Signalled Links (%): -111.1 PRC Over All Links (%): -111.1						Total Delay for Signalled Links (pcuHr): 269.67 Total Delay Over All Links(pcuHr): 269.67						Cycle Time (s): 120						

Scenario 14: 'Copy of At opening PM'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 2: 'PM Peak pre-scheme'

Junction Layout Diagram



Link Results

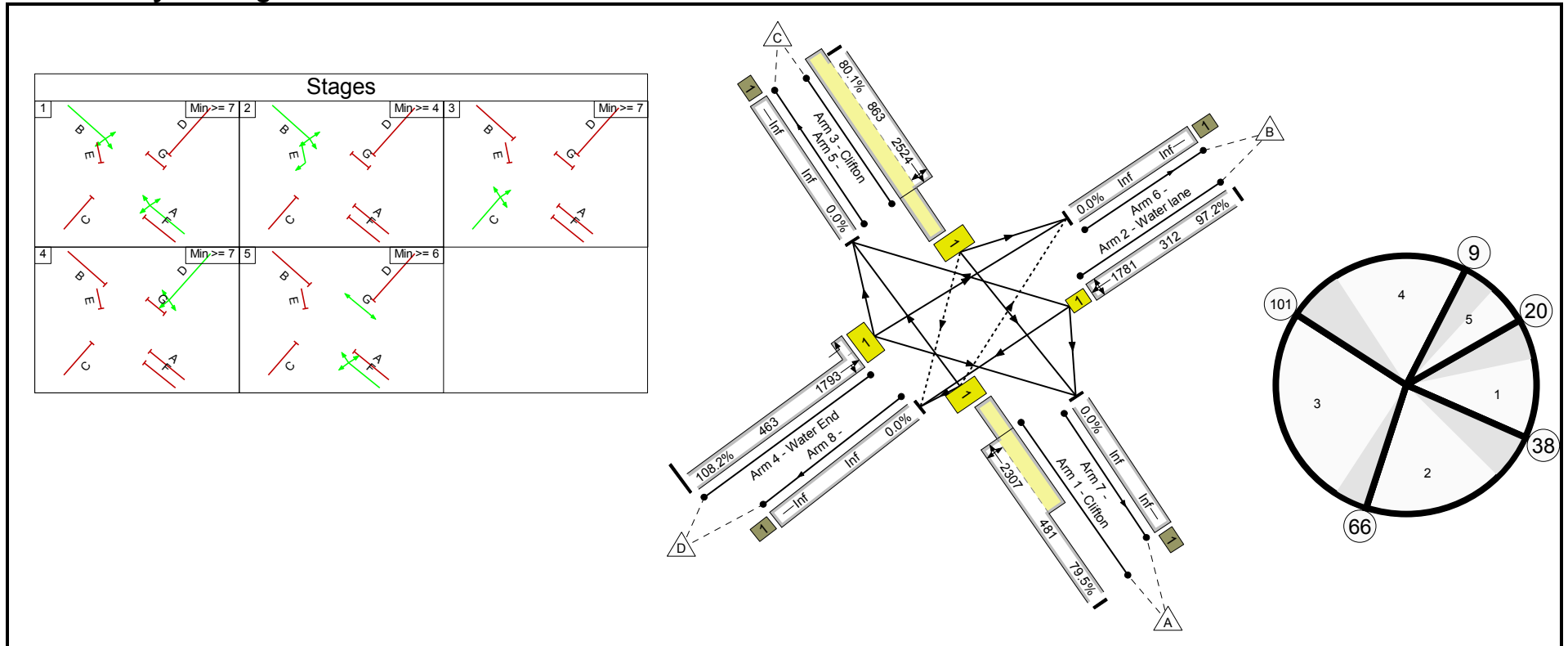
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)	
1/1	Clifton Ahead Right Left	O	A	F	1	31	12	390	1825	2383	635	61.4	27	93	0	4.9	45.2	11.9	
2/1	Water lane Right Left Ahead	U	D		1	20	-	300	1780	1780	311	96.3	-	-	-	10.3	124.1	16.2	
3/1	Clifton Left Ahead Right	O	B	E	1	45	19	590	1742	2533	971	60.8	145	48	7	5.6	33.9	16.3	
4/1	Water End Left Ahead Right	U	C		1	25	-	680	3522	1795	389	174.9	-	-	-	174.4	923.1	185.8	
PRC for Signalled Links (%):						-94.3	Total Delay for Signalled Links (pcuHr):						195.15						
PRC Over All Links (%):						-94.3	Total Delay Over All Links(pcuHr):						195.15	Cycle Time (s): 120					

Scenario 15: 'Copy of Post Scheme AM'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 3: 'AM Peak post scheme (Nov 2009)'

Junction Layout Diagram



Link Results

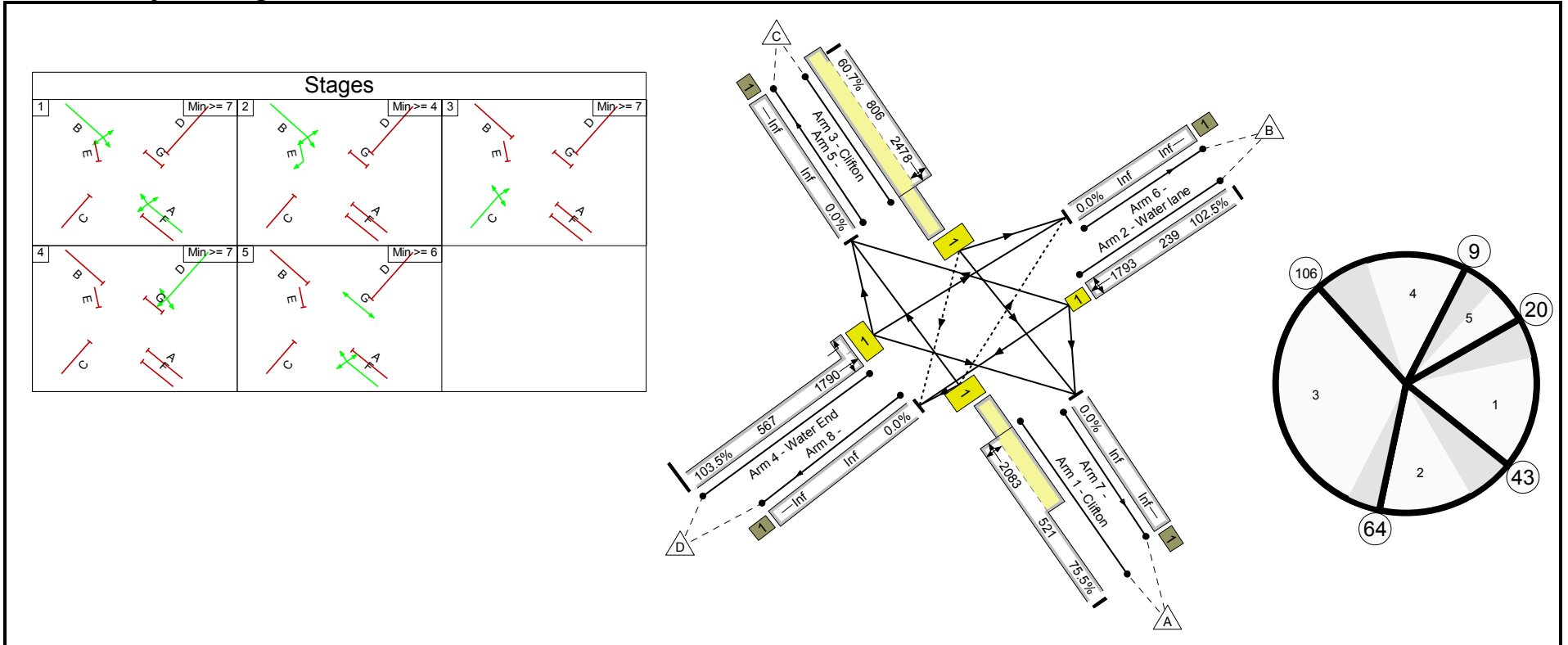
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Clifton Ahead Right Left	O	A	F	1	24	12	382	1848	2307	481	79.5	24	52	0	6.7	63.1	13.9
2/1	Water lane Right Left Ahead	U	D		1	20	-	303	1781	1781	312	97.2	-	-	-	10.9	130.0	16.8
3/1	Clifton Left Ahead Right	O	B	E	1	40	21	691	1745	2524	863	80.1	55	231	10	8.7	45.5	21.9
4/1	Water End Left Ahead Right	U	C		1	30	-	501	3522	1793	463	108.2	-	-	-	31.9	229.4	42.1
PRC for Signalled Links (%):						-20.2	Total Delay for Signalled Links (pcuHr):				58.31							
PRC Over All Links (%):						-20.2	Total Delay Over All Links(pcuHr):				58.31	Cycle Time (s): 120						

Scenario 16: 'Copy of Post Scheme PM'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 4: 'PM Peak post scheme (Nov 2009)'

Junction Layout Diagram



Link Results

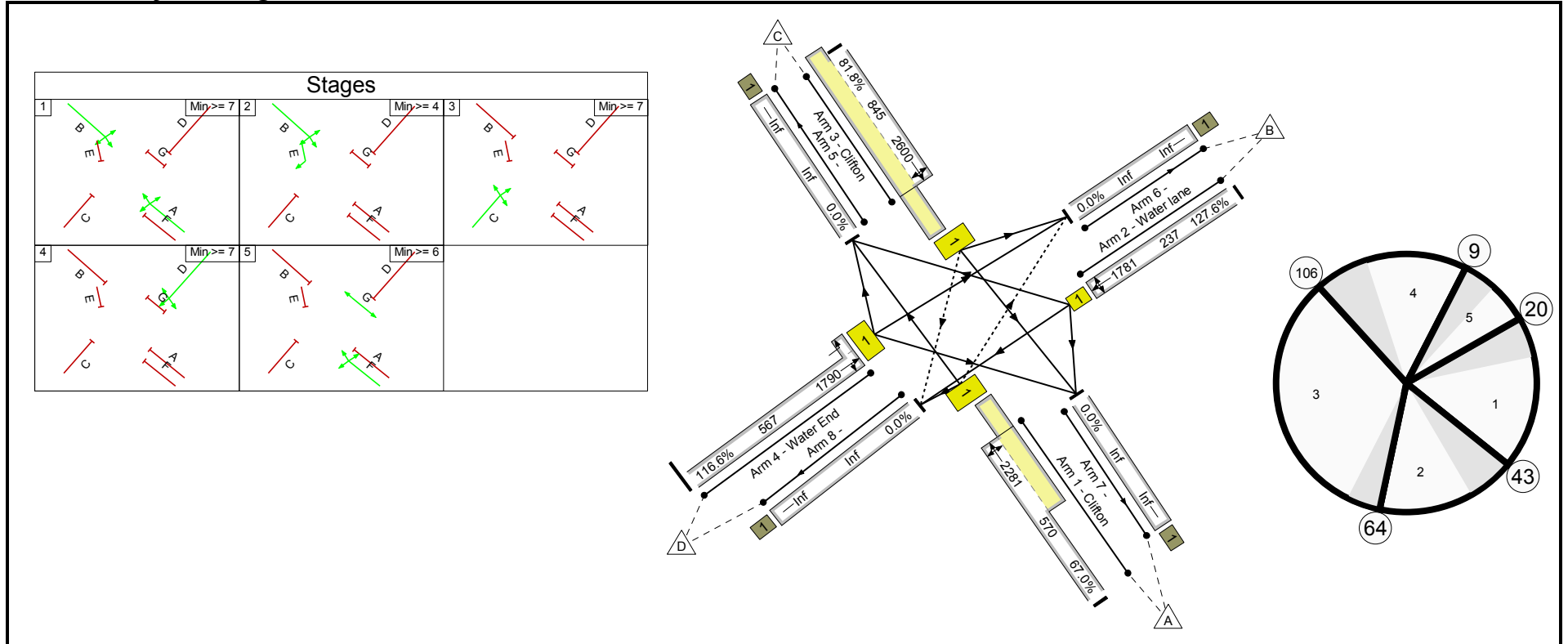
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Clifton Ahead Right Left	O	A	F	1	29	12	393	1871	2083	521	75.5	16	24	0	6.0	55.2	13.5
2/1	Water lane Right Left Ahead	U	D		1	15	-	245	1793	1793	239	102.5	-	-	-	13.4	196.6	17.8
3/1	Clifton Left Ahead Right	O	B	E	1	38	14	489	1717	2478	806	60.7	79	177	9	5.8	42.4	14.9
4/1	Water End Left Ahead Right	U	C		1	37	-	587	3522	1790	567	103.5	-	-	-	25.6	157.1	38.3
PRC for Signalled Links (%):						-15.0	Total Delay for Signalled Links (pcuHr):				50.78							
PRC Over All Links (%):						-15.0	Total Delay Over All Links(pcuHr):				50.78	Cycle Time (s): 120						

Scenario 17: 'Copy of Post Scheme AM + Closure'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 5: 'AM Peak post scheme with closure'

Junction Layout Diagram



Link Results

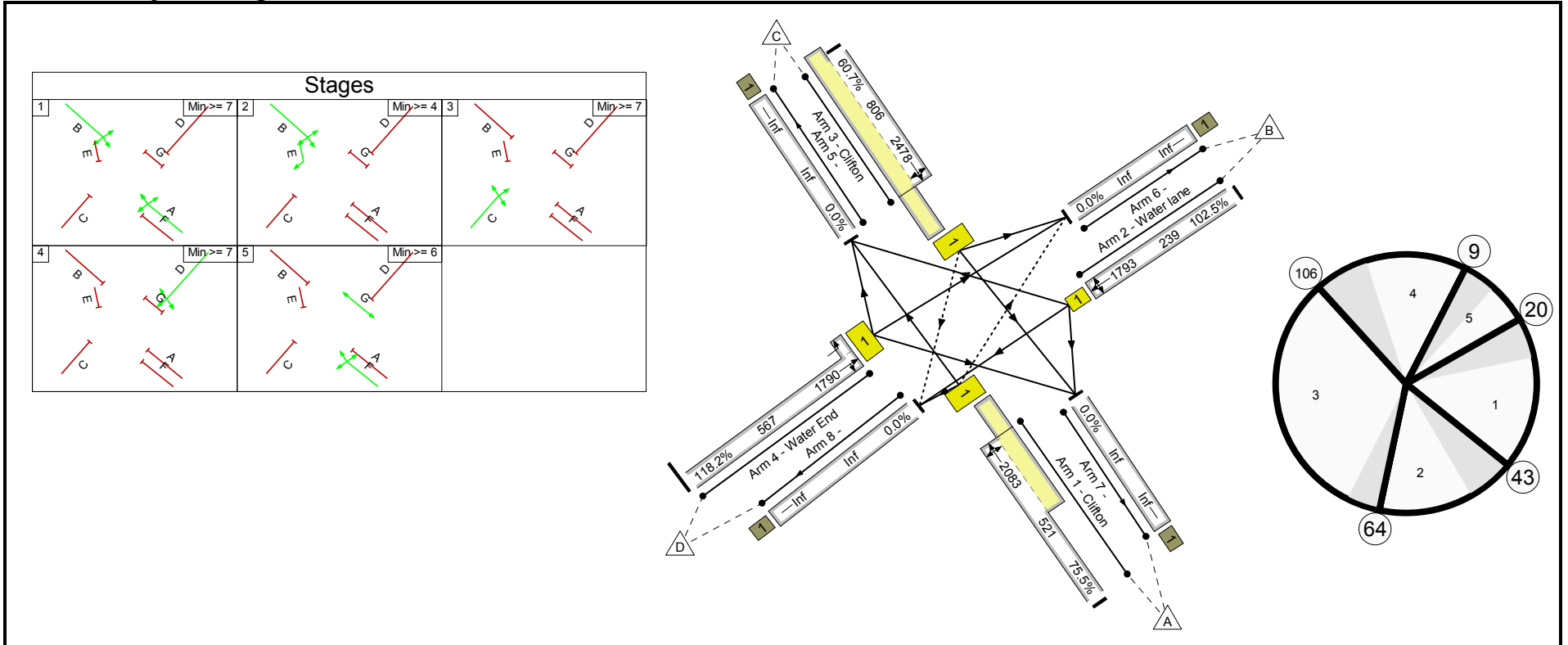
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)	
1/1	Clifton Ahead Right Left	O	A	F	1	29	12	382	1848	2281	570	67.0	24	52	0	5.3	50.3	12.4	
2/1	Water lane Right Left Ahead	U	D		1	15	-	303	1781	1781	237	127.6	-	-	-	43.6	518.2	48.4	
3/1	Clifton Left Ahead Right	O	B	E	1	38	14	691	1745	2600	845	81.8	111	175	10	9.3	48.7	24.1	
4/1	Water End Left Ahead Right	U	C		1	37	-	661	3522	1790	567	116.6	-	-	-	62.9	342.3	76.6	
PRC for Signalled Links (%):						-41.8	Total Delay for Signalled Links (pcuHr):						121.15						
PRC Over All Links (%):						-41.8	Total Delay Over All Links(pcuHr):						121.15	Cycle Time (s): 120					

Scenario 18: 'Copy of Post Scheme PM + Closure'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 6: 'PM Peak post scheme with closure'

Junction Layout Diagram



Link Results

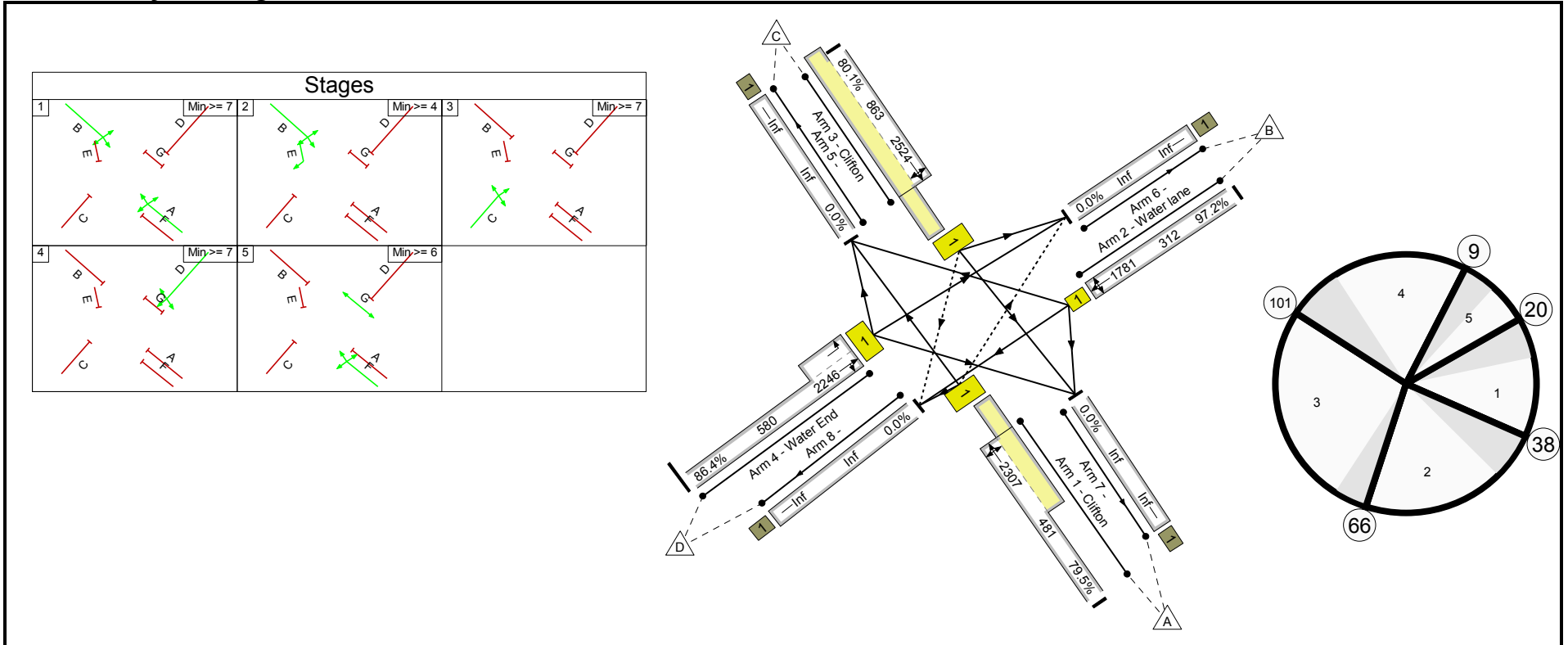
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Clifton Ahead Right Left	O	A	F	1	29	12	393	1871	2083	521	75.5	16	24	0	6.0	55.2	13.5
2/1	Water lane Right Left Ahead	U	D		1	15	-	245	1793	1793	239	102.5	-	-	-	13.4	196.6	17.8
3/1	Clifton Left Ahead Right	O	B	E	1	38	14	489	1717	2478	806	60.7	79	177	9	5.8	42.4	14.9
4/1	Water End Left Ahead Right	U	C		1	37	-	670	3522	1790	567	118.2	-	-	-	67.9	364.8	81.7
PRC for Signalled Links (%):						-31.3	Total Delay for Signalled Links (pcuHr):				93.05							
PRC Over All Links (%):						-31.3	Total Delay Over All Links(pcuHr):				93.05	Cycle Time (s): 120						

Scenario 19: 'Copy of Post Scheme AM + 8 veh lane'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 7: 'AM Peak post scheme (Nov 2009) + 8 veh lane'

Junction Layout Diagram



Link Results

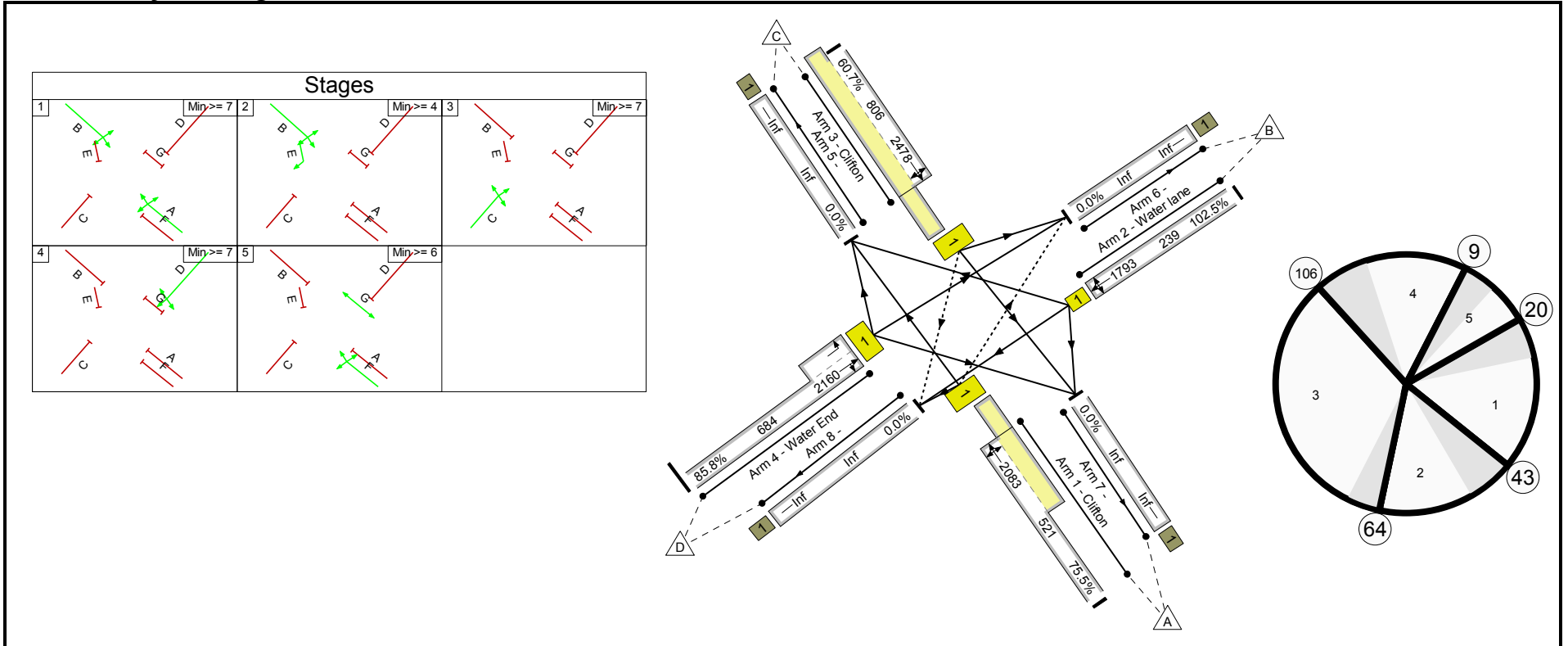
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Clifton Ahead Right Left	O	A	F	1	24	12	382	1848	2307	481	79.5	24	52	0	6.7	63.1	13.9
2/1	Water lane Right Left Ahead	U	D		1	20	-	303	1781	1781	312	97.2	-	-	-	10.9	130.0	16.8
3/1	Clifton Left Ahead Right	O	B	E	1	40	21	691	1745	2524	863	80.1	55	231	10	8.7	45.5	21.9
4/1	Water End Left Ahead Right	U	C		1	30	-	501	3522	2246	580	86.4	-	-	-	8.5	61.1	18.5
PRC for Signalled Links (%):						-8.0	Total Delay for Signalled Links (pcuHr):				34.89							
PRC Over All Links (%):						-8.0	Total Delay Over All Links(pcuHr):				34.89	Cycle Time (s): 120						

Scenario 20: 'Copy of Post Scheme PM + 8 veh lane'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 8: 'PM Peak post scheme (Nov 2009) + 8 veh lane'

Junction Layout Diagram



Link Results

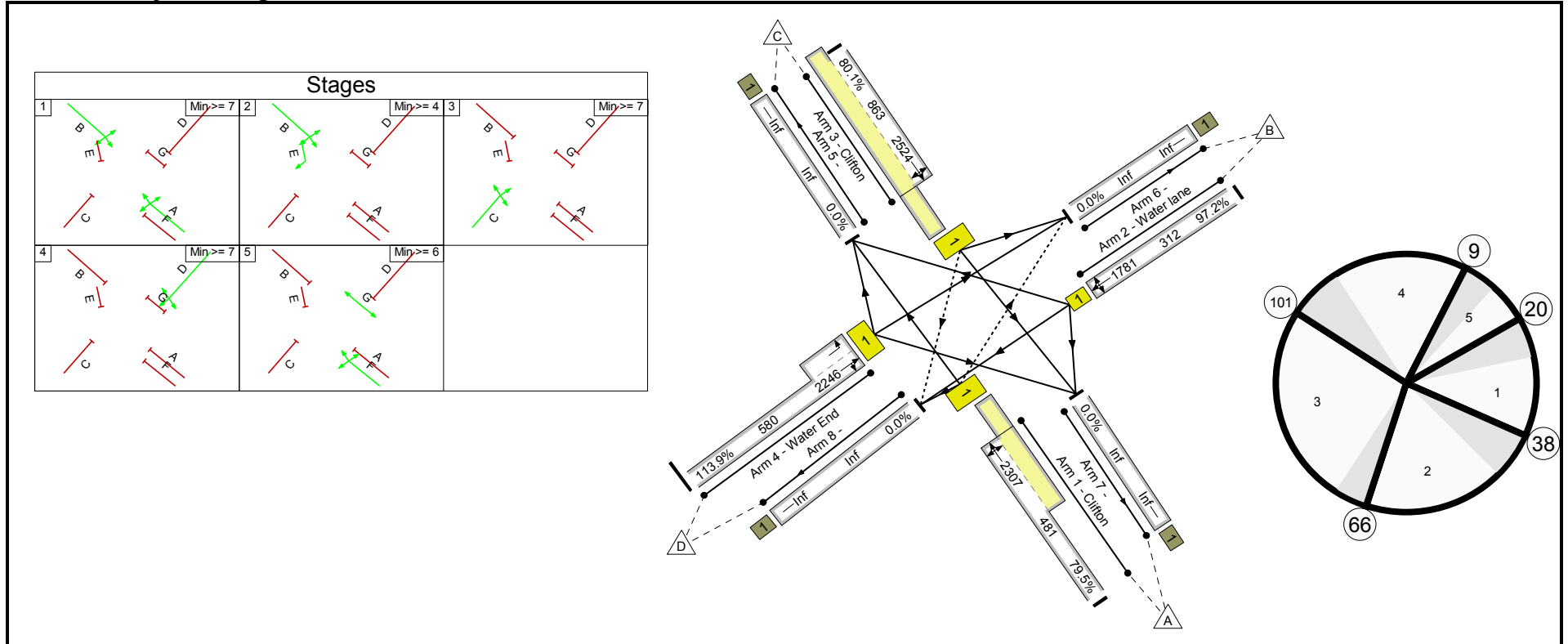
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Clifton Ahead Right Left	O	A	F	1	29	12	393	1871	2083	521	75.5	16	24	0	6.0	55.2	13.5
2/1	Water lane Right Left Ahead	U	D		1	15	-	245	1793	1793	239	102.5	-	-	-	13.4	196.6	17.8
3/1	Clifton Left Ahead Right	O	B	E	1	38	14	489	1717	2478	806	60.7	79	177	9	5.8	42.4	14.9
4/1	Water End Left Ahead Right	U	C		1	37	-	587	3522	2160	684	85.8	-	-	-	8.7	53.2	20.8
PRC for Signalled Links (%):						-13.9	Total Delay for Signalled Links (pcuHr):				33.83							
PRC Over All Links (%):						-13.9	Total Delay Over All Links(pcuHr):				33.83	Cycle Time (s): 120						

Scenario 21: 'Copy of Copy of Post Scheme AM + Closure + 8 veh lane'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 9: 'AM Peak post scheme with closure + closure + 8 veh lane'

Junction Layout Diagram



Link Results

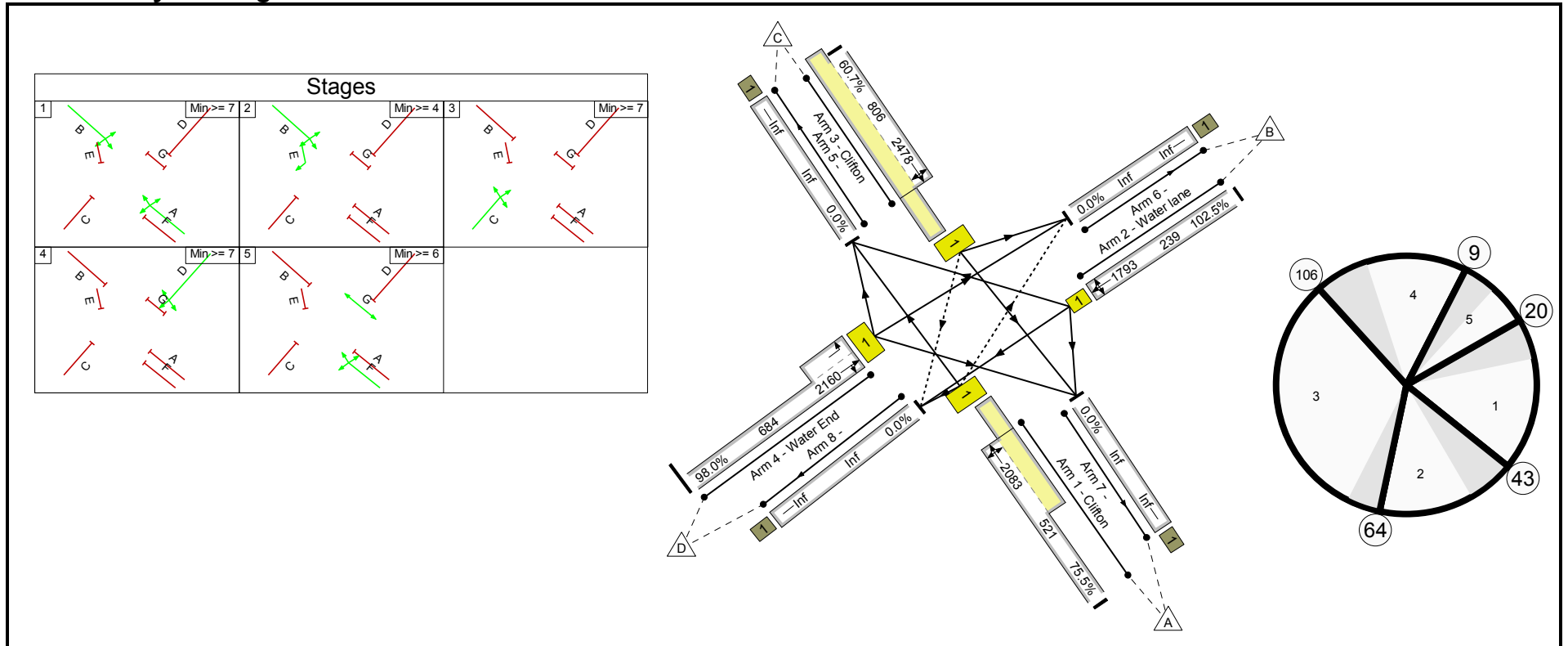
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)	
1/1	Clifton Ahead Right Left	O	A	F	1	24	12	382	1848	2307	481	79.5	24	52	0	6.7	63.1	13.9	
2/1	Water lane Right Left Ahead	U	D		1	20	-	303	1781	1781	312	97.2	-	-	-	10.9	130.0	16.8	
3/1	Clifton Left Ahead Right	O	B	E	1	40	21	691	1745	2524	863	80.1	55	231	10	8.7	45.5	21.9	
4/1	Water End Left Ahead Right	U	C		1	30	-	661	3522	2246	580	113.9	-	-	-	55.4	301.7	68.9	
PRC for Signalled Links (%):						-26.6	Total Delay for Signalled Links (pcuHr):				81.78								
PRC Over All Links (%):						-26.6	Total Delay Over All Links(pcuHr):				81.78	Cycle Time (s): 120							

Scenario 22: 'Copy of Copy of Post Scheme PM + Closure + 8 veh lane'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 10: 'PM Peak post scheme with closure + closure + 8 veh lane'

Junction Layout Diagram



Link Results

Link Num	Link Desc	Link Type	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 (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Clifton Ahead Right Left	O	A	F	1	29	12	393	1871	2083	521	75.5	16	24	0	6.0	55.2	13.5
2/1	Water lane Right Left Ahead	U	D		1	15	-	245	1793	1793	239	102.5	-	-	-	13.4	196.6	17.8
3/1	Clifton Left Ahead Right	O	B	E	1	38	14	489	1717	2478	806	60.7	79	177	9	5.8	42.4	14.9
4/1	Water End Left Ahead Right	U	C		1	37	-	670	3522	2160	684	98.0	-	-	-	17.0	91.2	31.9
PRC for Signalled Links (%):						-13.9	Total Delay for Signalled Links (pcuHr):				42.14							
PRC Over All Links (%):						-13.9	Total Delay Over All Links(pcuHr):				42.14	Cycle Time (s): 120						