



Appendix I Moss Hall Road / Pilsworth Road LINSIG Outputs

Basic Results Summary

Basic Results Summary

User and Project Details

Project:	Heywood Distribution Park, H4
Title:	Pilsworth Road / Moss Hall Road
Location:	
Client:	Black Cat Building Consultancy Limited
Date Started:	01/05/2024
Additional detail:	
File name:	07290-M-02-A-Existing Junction.lsg3x
Author:	Lucy King
Company:	PJA
Address:	

Scenario 1: '2024 AM Base' (FG1: '2024 AM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

Basic Results Summary

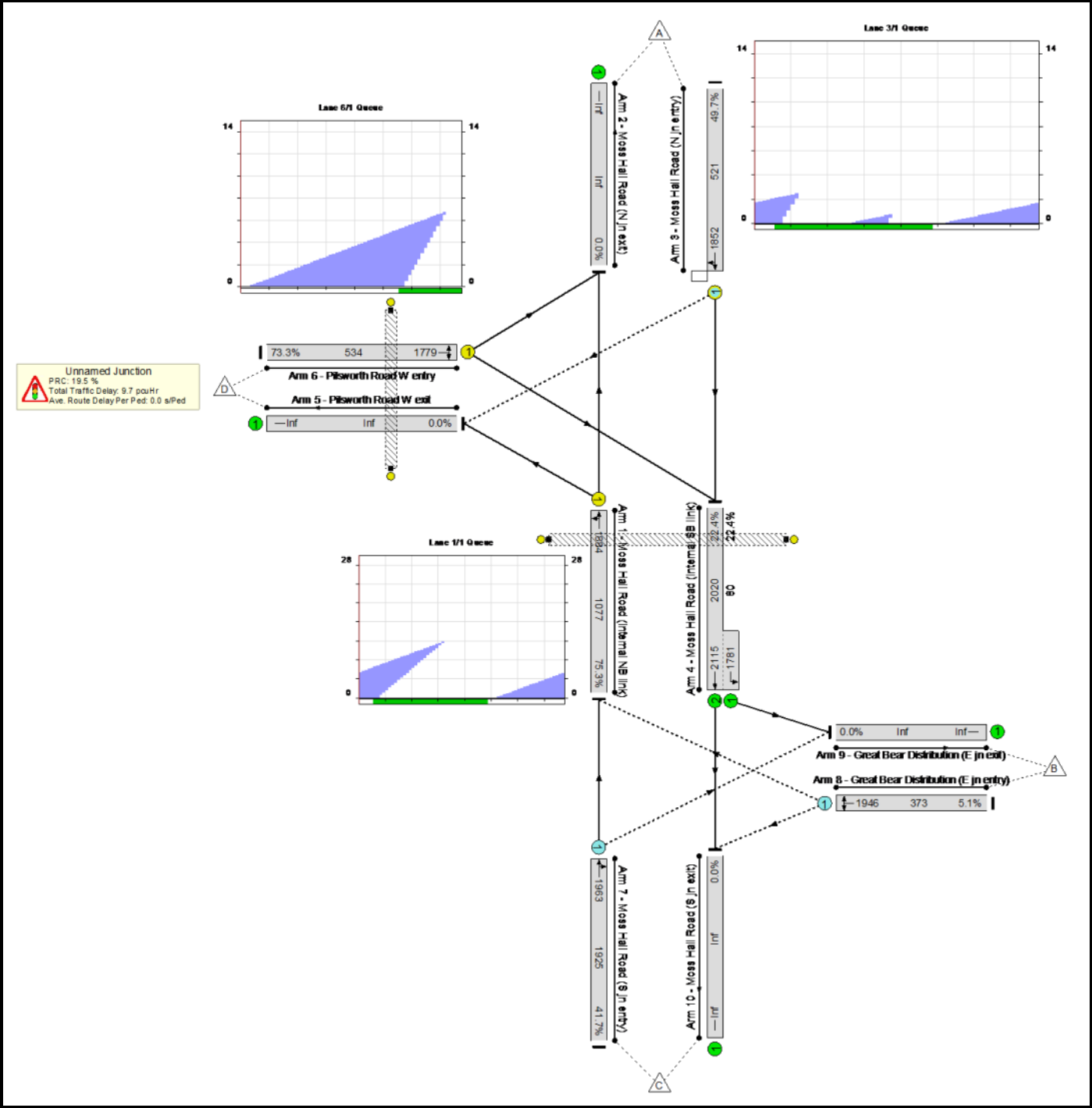
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	79.8%	157	0	0	12.6	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	79.8%	157	0	0	12.6	-	-
1/1	Moss Hall Road (internal NB link) Ahead Left	U	B		1	40	-	858	1890	1107	77.5%	-	-	-	4.3	18.1	14.3
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A		1	40	-	339	1840	425	79.8%	120	0	0	3.6	38.6	7.9
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	559	2115:1781	2057+49	26.5 : 26.5%	-	-	-	0.2	1.2	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	19	-	385	1769	505	76.2%	-	-	-	4.0	37.4	8.3
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	858	1962	1903	45.1%	12	0	0	0.4	1.7	0.4
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	25	1899	416	6.0%	25	0	0	0.0	4.6	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		12.8		12.8	Total Delay for Signalled Lanes (pcuHr):				11.96	Cycle Time (s):		70		
			PRC Over All Lanes (%):					Total Delay Over All Lanes(pcuHr):				12.58					

Basic Results Summary

Scenario 2: '2024 PM Base' (FG2: '2024 PM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

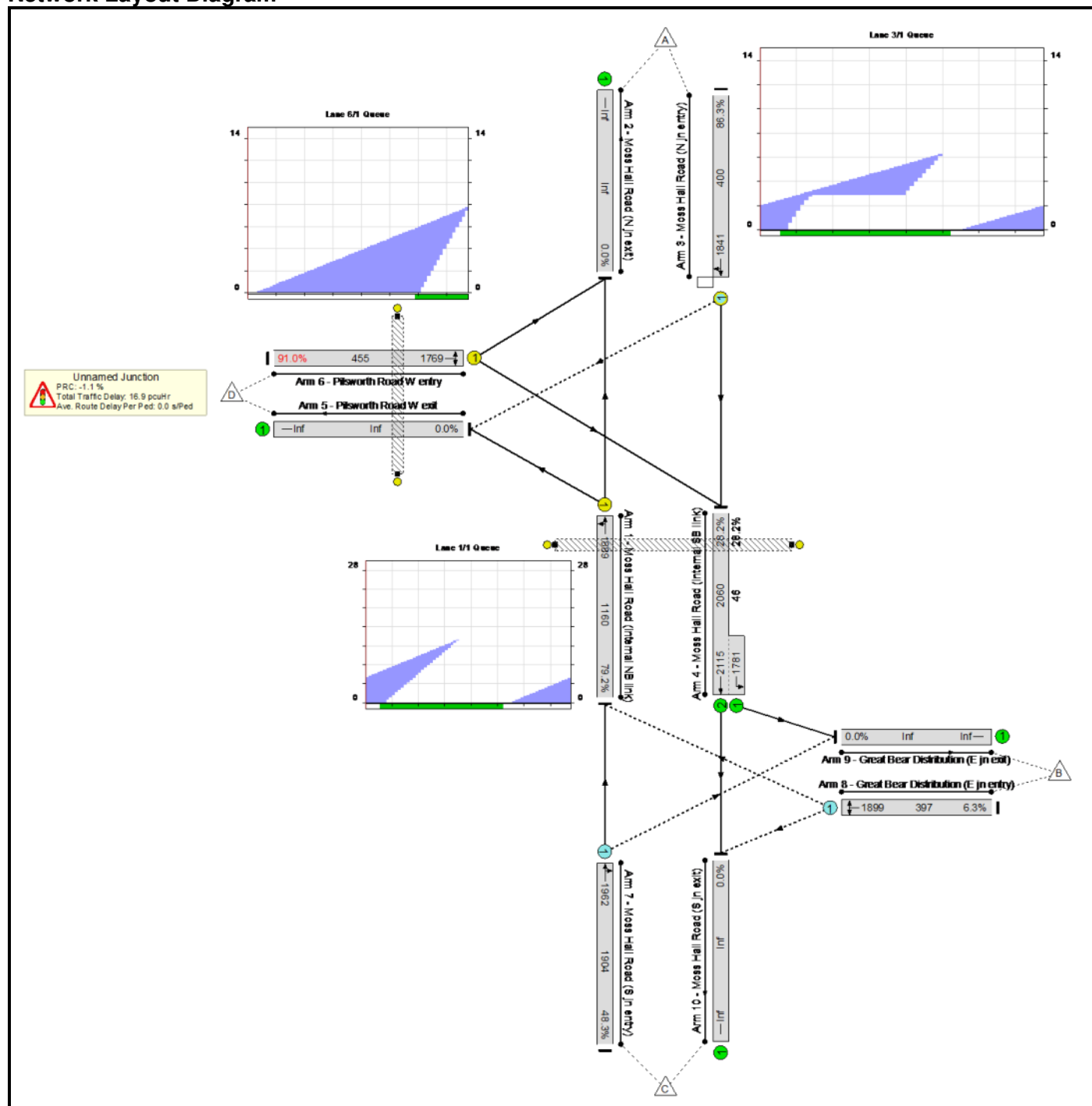
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	75.3%	103	0	0	9.7	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	75.3%	103	0	0	9.7	-	-
1/1	Moss Hall Road (internal NB link) Ahead Left	U	B		1	39	-	811	1884	1077	75.3%	-	-	-	4.1	18.0	13.2
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A		1	39	-	259	1852	521	49.7%	76	0	0	1.4	19.7	2.9
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	471	2115:1781	2020+80	22.4 : 22.4%	-	-	-	0.1	1.1	0.1
6/1	Pilsworth Road W entry Left Right	U	C		1	20	-	391	1779	534	73.3%	-	-	-	3.7	34.4	8.1
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	803	1963	1925	41.7%	8	0	0	0.4	1.6	0.4
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	373	5.1%	19	0	0	0.0	5.1	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):					19.5	Total Delay for Signalled Lanes (pcuHr):				9.20	Cycle Time (s): 70			
			PRC Over All Lanes (%):					19.5	Total Delay Over All Lanes(pcuHr):				9.73				

Basic Results Summary

Scenario 3: '2026 AM + Committed' (FG3: '2026 AM + Committed', Plan 1: 'Network Control Plan 1')

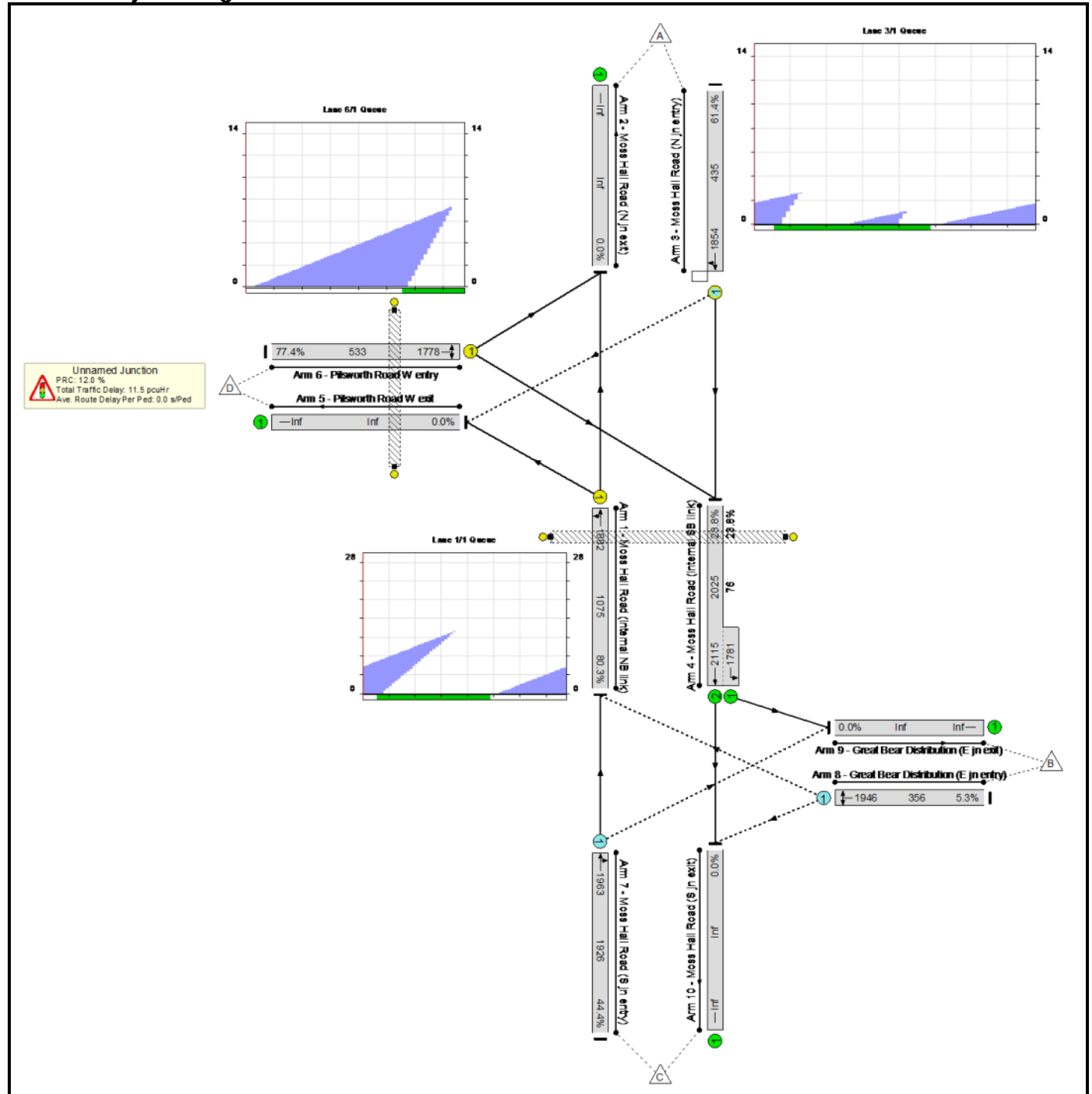
Network Layout Diagram



Basic Results Summary

Scenario 4: '2026 PM + Committed' (FG4: '2026 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



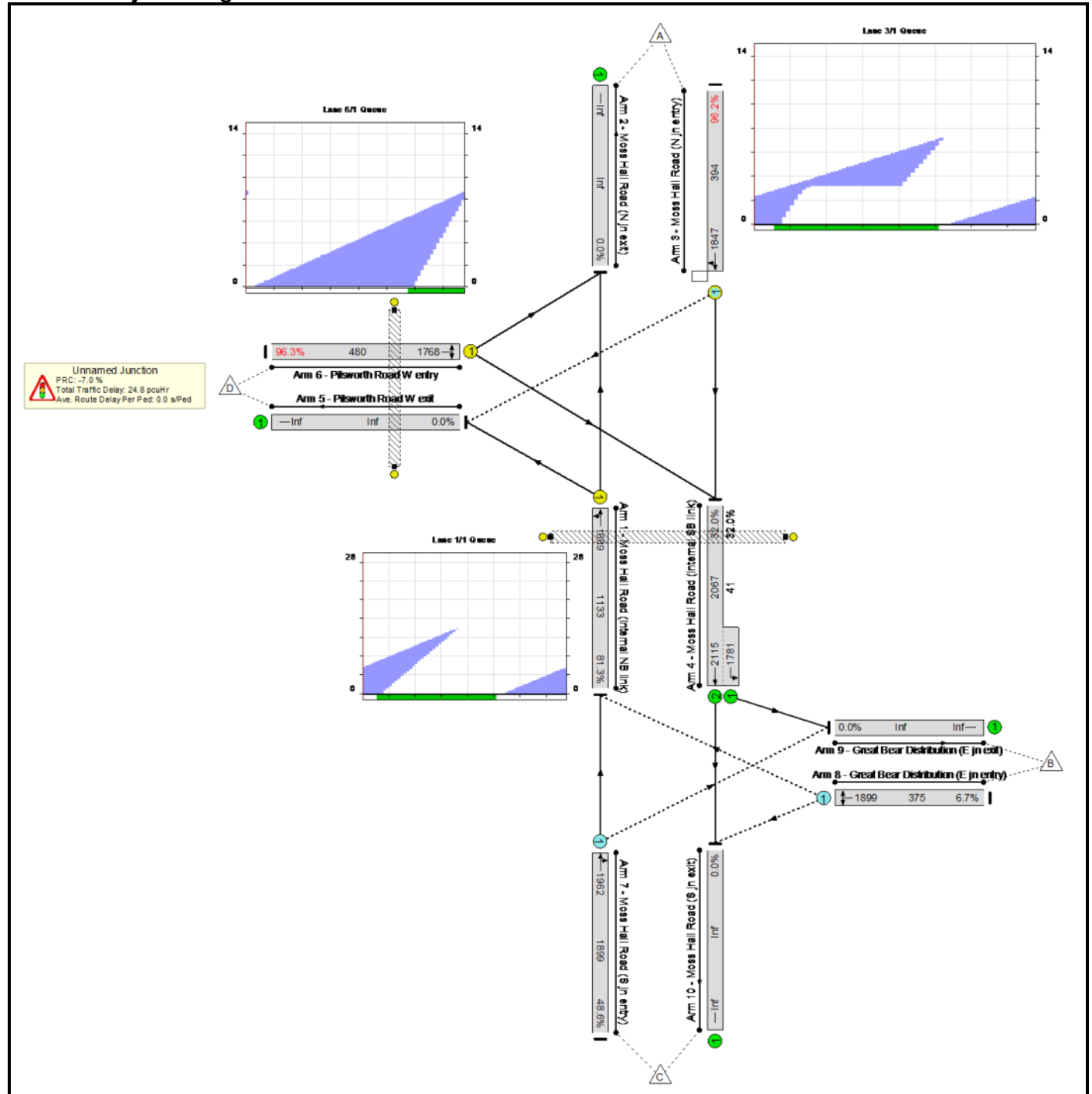
Network Results

C1	PRC for Signalled Lanes (%):	12.0	Total Delay for Signalled Lanes (pcuHr):	10.92	Cycle Time (s): 70
	PRC Over All Lanes (%):	12.0	Total Delay Over All Lanes (pcuHr):	11.50	

Basic Results Summary

Scenario 5: '2026 AM + Dev' (FG5: '2026 AM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

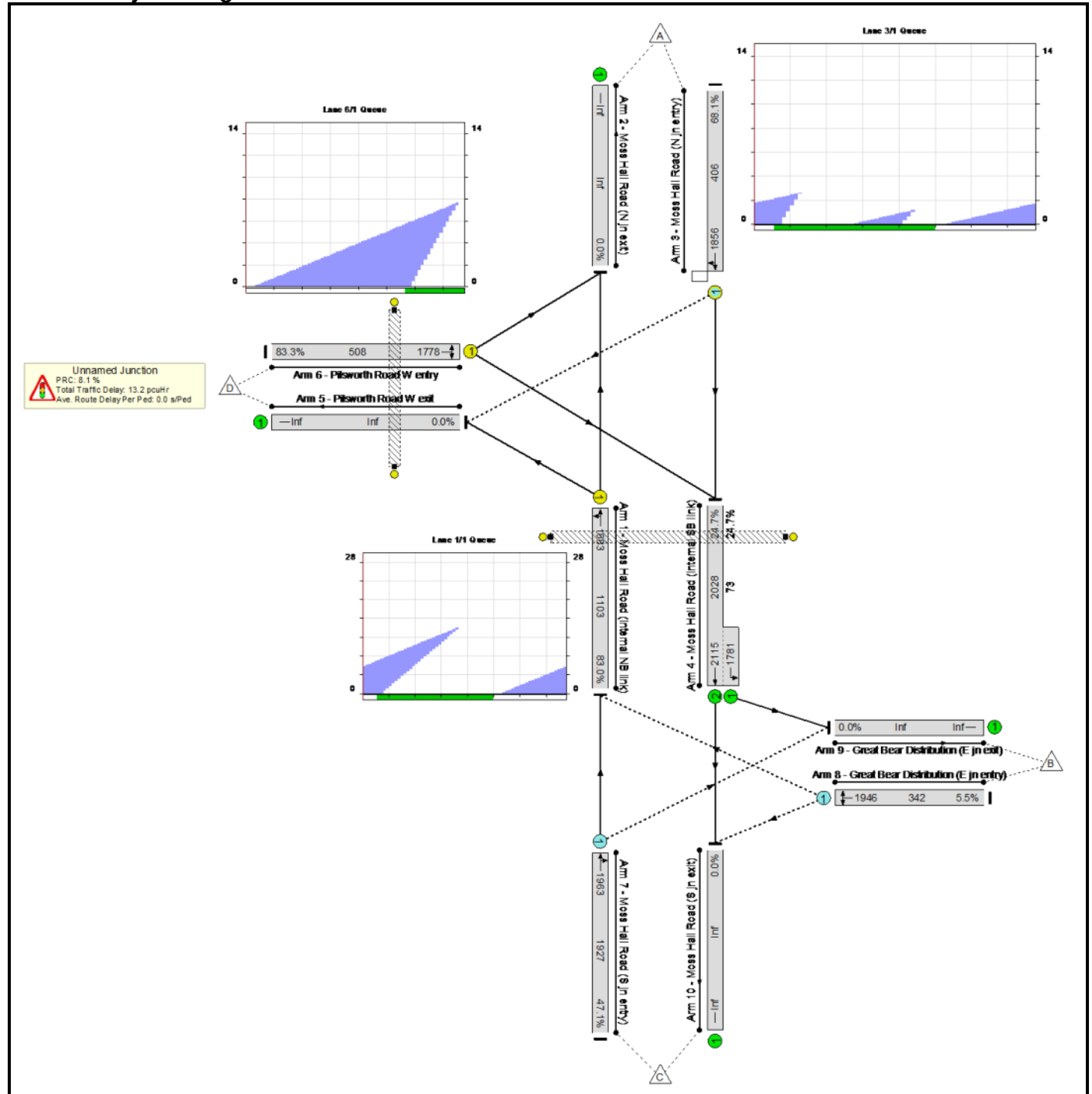


Basic Results Summary

Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	96.3%	130	0	28	24.8	-	-	
Unnamed Junction	-	-	-		-	-	-	-	-	-	96.3%	130	0	28	24.8	-	-	
1/1	Moss Hall Road (internal NB link) Ahead Left	U	B		1	41	-	922	1889	1133	81.3%	-	-	-	4.9	19.3	16.0	
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A		1	41	-	379	1847	394	96.2%	93	0	28	8.8	83.2	13.8	
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	675	2115:1781	2067+41	32.0 : 32.0%	-	-	-	0.2	1.3	0.2	
6/1	Pilsworth Road W entry Left Right	U	C		1	18	-	462	1768	480	96.3%	-	-	-	10.4	81.0	16.0	
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	922	1962	1899	48.6%	12	0	0	0.5	1.8	0.5	
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	25	1899	375	6.7%	25	0	0	0.0	5.1	0.0	
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf	
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf	
C1			PRC for Signalled Lanes (%):		-7.0		-7.0		Total Delay for Signalled Lanes (pcuHr):			24.10		Cycle Time (s):		70		
			PRC Over All Lanes (%):						Total Delay Over All Lanes(pcuHr):			24.84						

Network Layout Diagram



Basic Results Summary

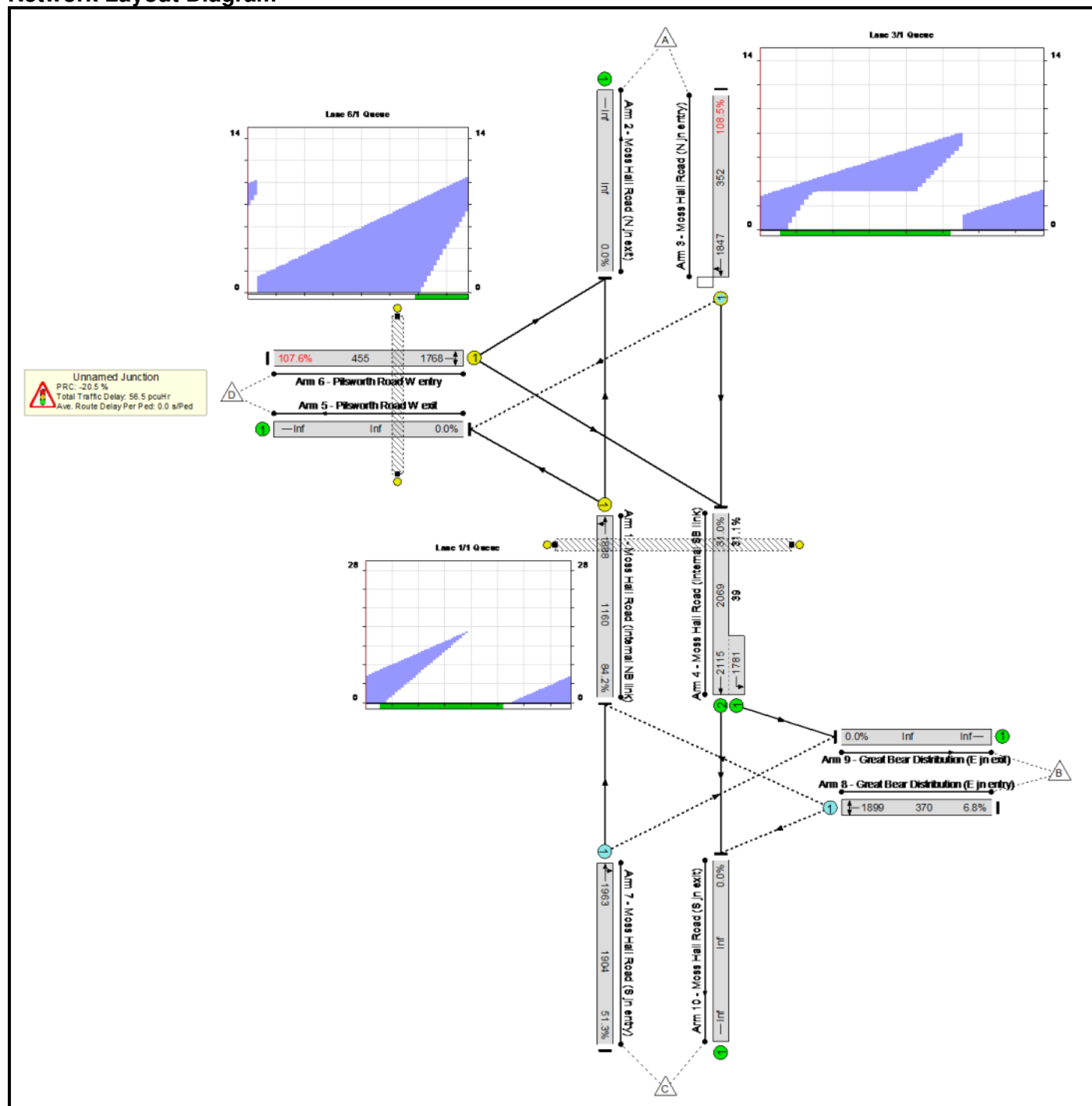
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	83.3%	103	0	0	13.2	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	83.3%	103	0	0	13.2	-	-
1/1	Moss Hall Road (internal NB link) Ahead Left	U	B		1	40	-	915	1883	1103	83.0%	-	-	-	5.3	21.0	16.6
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A		1	40	-	276	1856	406	68.1%	76	0	0	2.1	27.7	3.7
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	519	2115:1781	2028+73	24.7 : 24.7%	-	-	-	0.2	1.1	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	19	-	423	1778	508	83.3%	-	-	-	5.1	43.5	10.0
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	907	1963	1927	47.1%	8	0	0	0.4	1.8	0.4
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	342	5.5%	19	0	0	0.0	5.6	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1																	

Basic Results Summary

Scenario 7: '2026 AM + Comm + Dev' (FG7: '2026 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

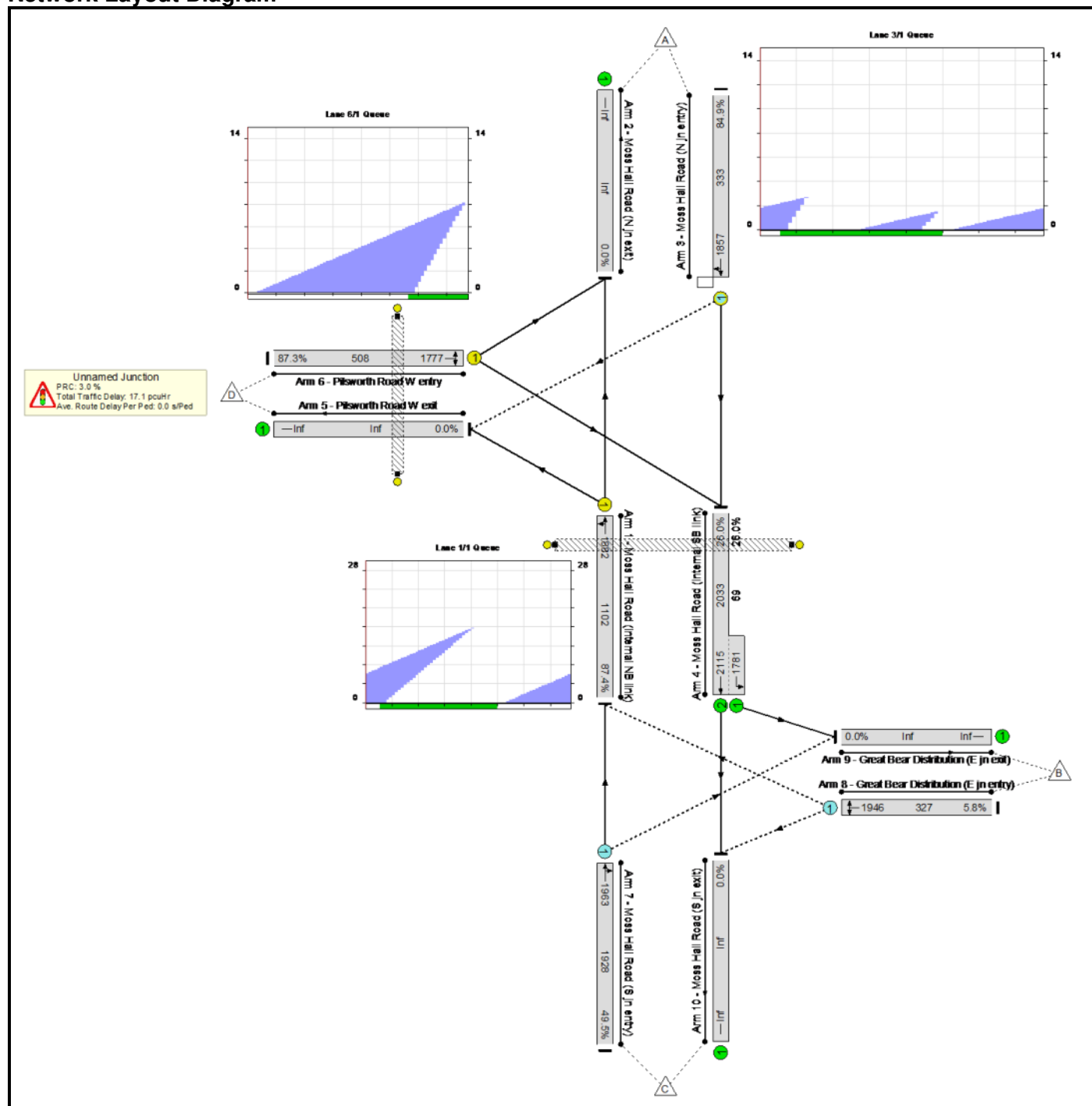


Network Results

Basic Results Summary

Scenario 8: '2026 PM + Comm + Dev' (FG8: '2026 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

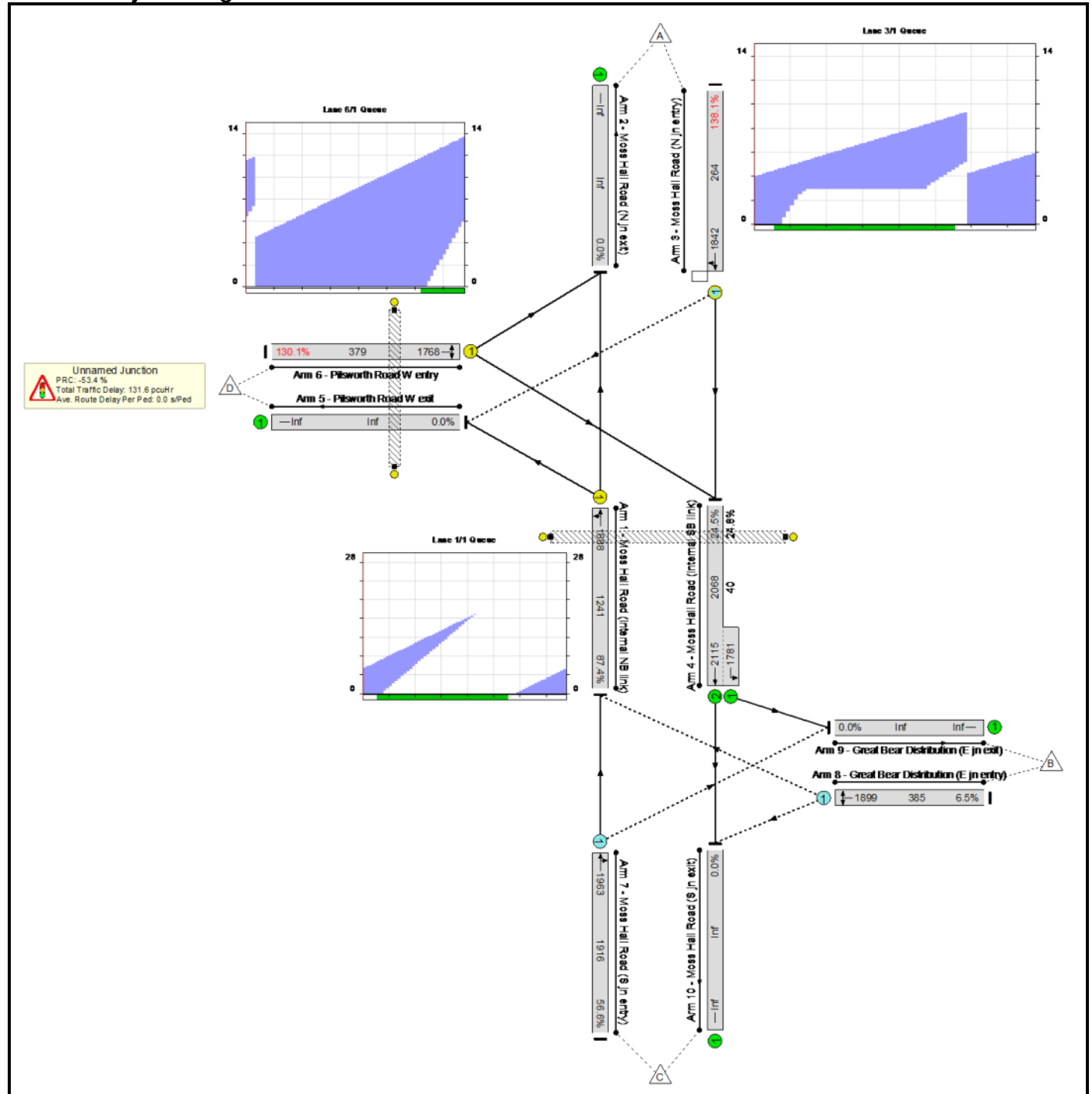
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)			
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	87.4%	83	0	20	17.1	-	-			
Unnamed Junction	-	-	-		-	-	-	-	-	-	87.4%	83	0	20	17.1	-	-			
1/1	Moss Hall Road (internal NB link) Ahead Left	U	B		1	40	-	963	1882	1102	87.4%	-	-	-	6.6	24.6	19.1			
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A		1	40	-	283	1857	333	84.9%	56	0	20	3.8	47.9	5.2			
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	546	2115:1781	2033+69	26.0 : 26.0%	-	-	-	0.2	1.2	0.2			
6/1	Pilsworth Road W entry Left Right	U	C		1	19	-	443	1777	508	87.3%	-	-	-	6.0	49.2	11.2			
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	955	1963	1928	49.5%	8	0	0	0.5	1.8	0.5			
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	327	5.8%	19	0	0	0.0	5.8	0.0			
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf			
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf			
C1			PRC for Signalled Lanes (%):		3.0		PRC Over All Lanes (%):		3.0		Total Delay for Signalled Lanes (pcuHr):		16.40		Total Delay Over All Lanes(pcuHr):		17.10		Cycle Time (s): 70	

Basic Results Summary

Scenario 9: '2031 AM + Committed' (FG9: '2031 AM + Committed', Plan 1: 'Network Control Plan 1')

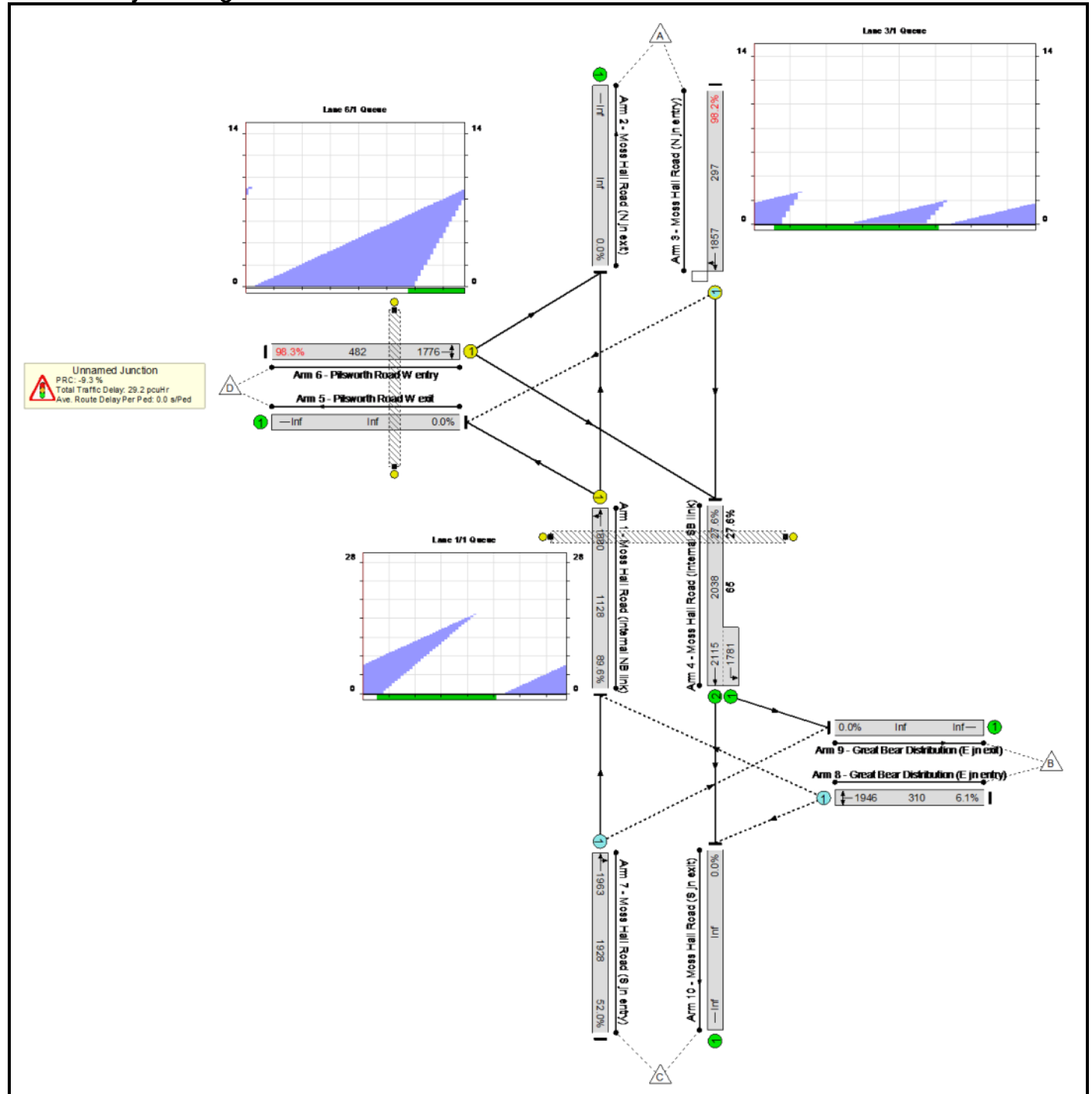
Network Layout Diagram



Basic Results Summary

Scenario 10: '2031 PM + Committed' (FG10: '2031 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

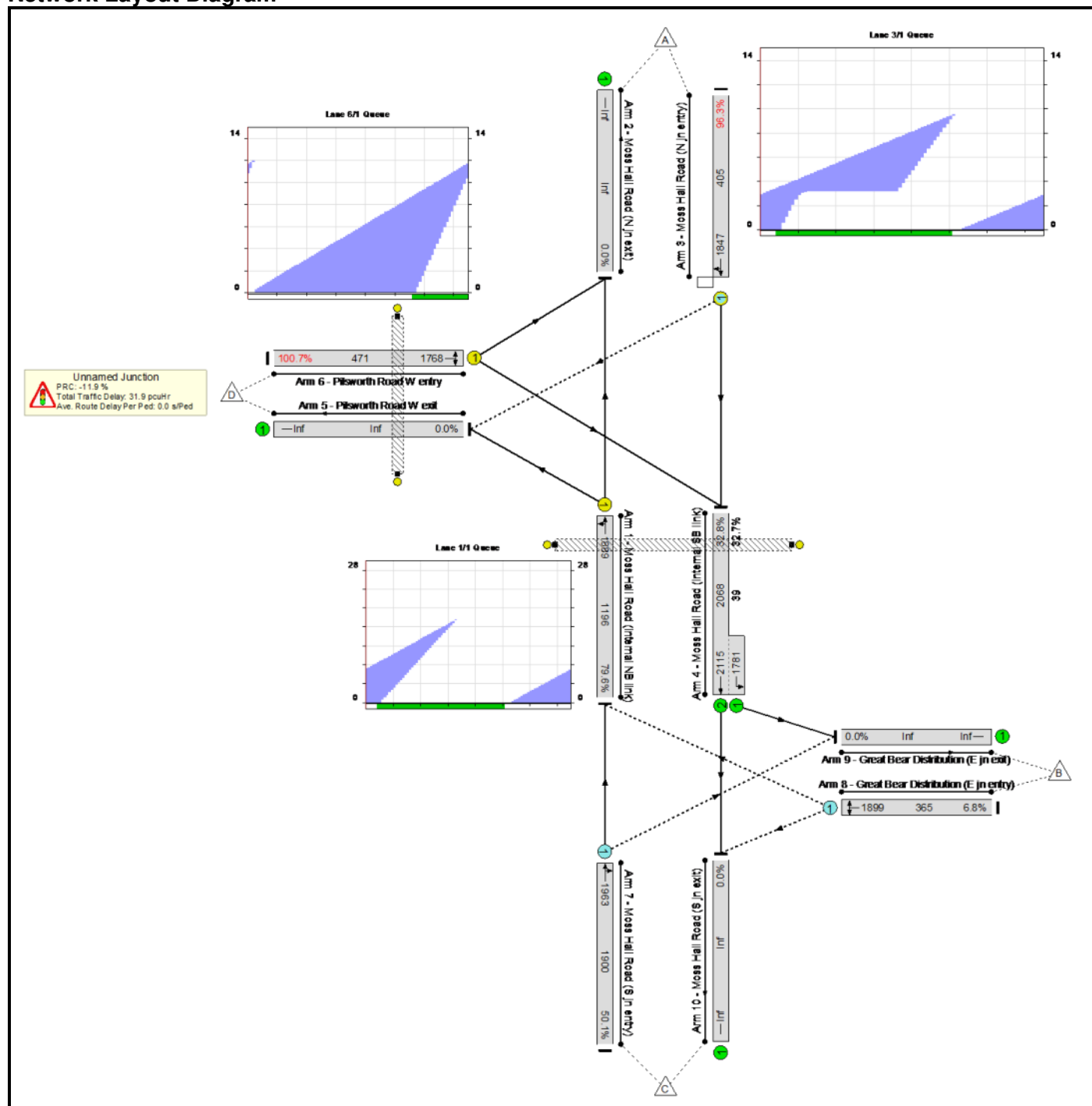


Network Results

Basic Results Summary

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

Network Layout Diagram

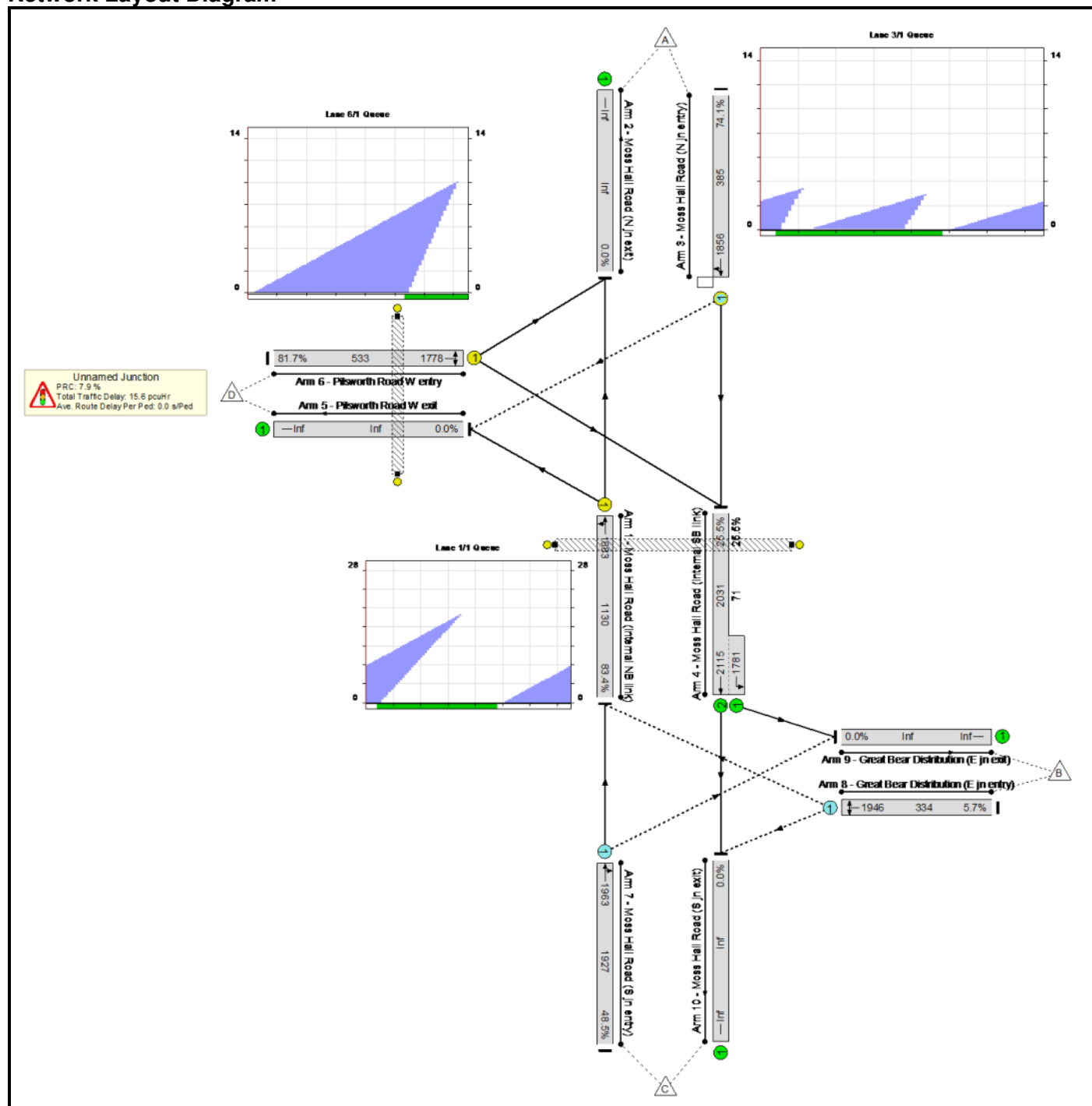


Network Results

Basic Results Summary

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

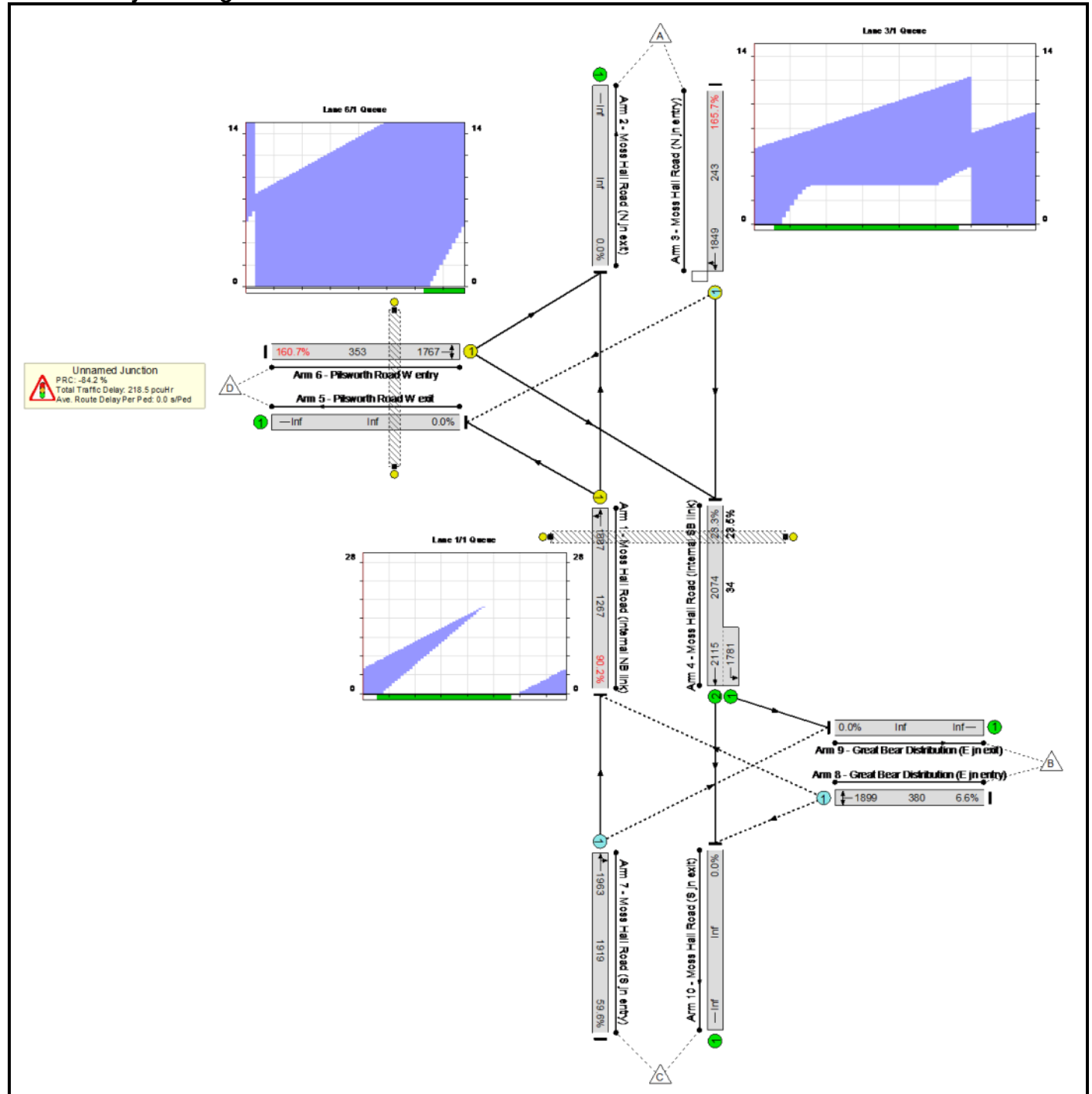
Network Layout Diagram



Basic Results Summary

Scenario 13: '2031 AM + Comm + Dev' (FG13: '2031 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

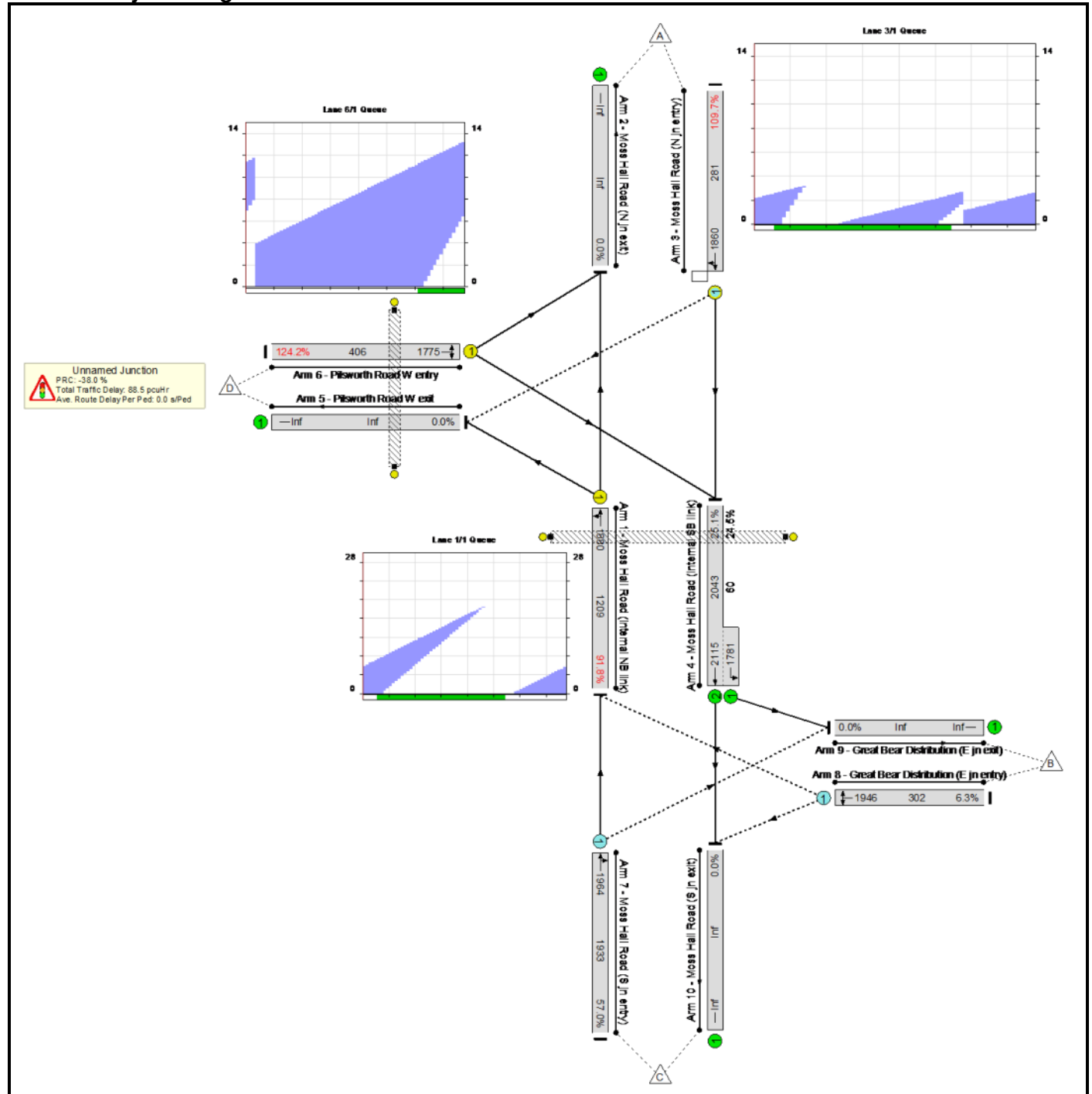


Network Results

Basic Results Summary

Scenario 14: '2031 PM + Comm + Dev' (FG14: '2031 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

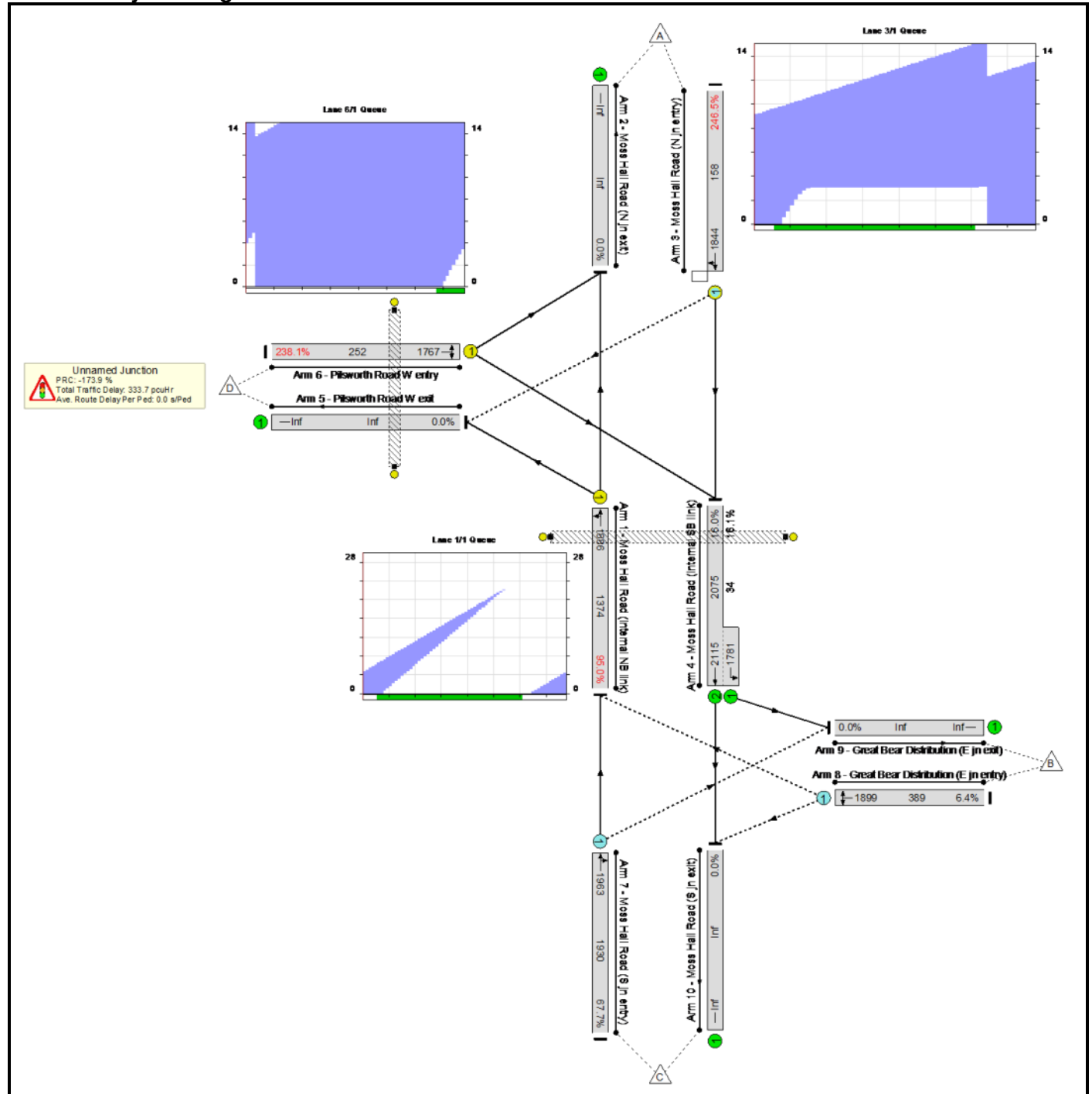
Network Layout Diagram



Basic Results Summary

Scenario 15: '2038 AM + Committed' (FG15: '2038 AM + Committed', Plan 1: 'Network Control Plan 1')

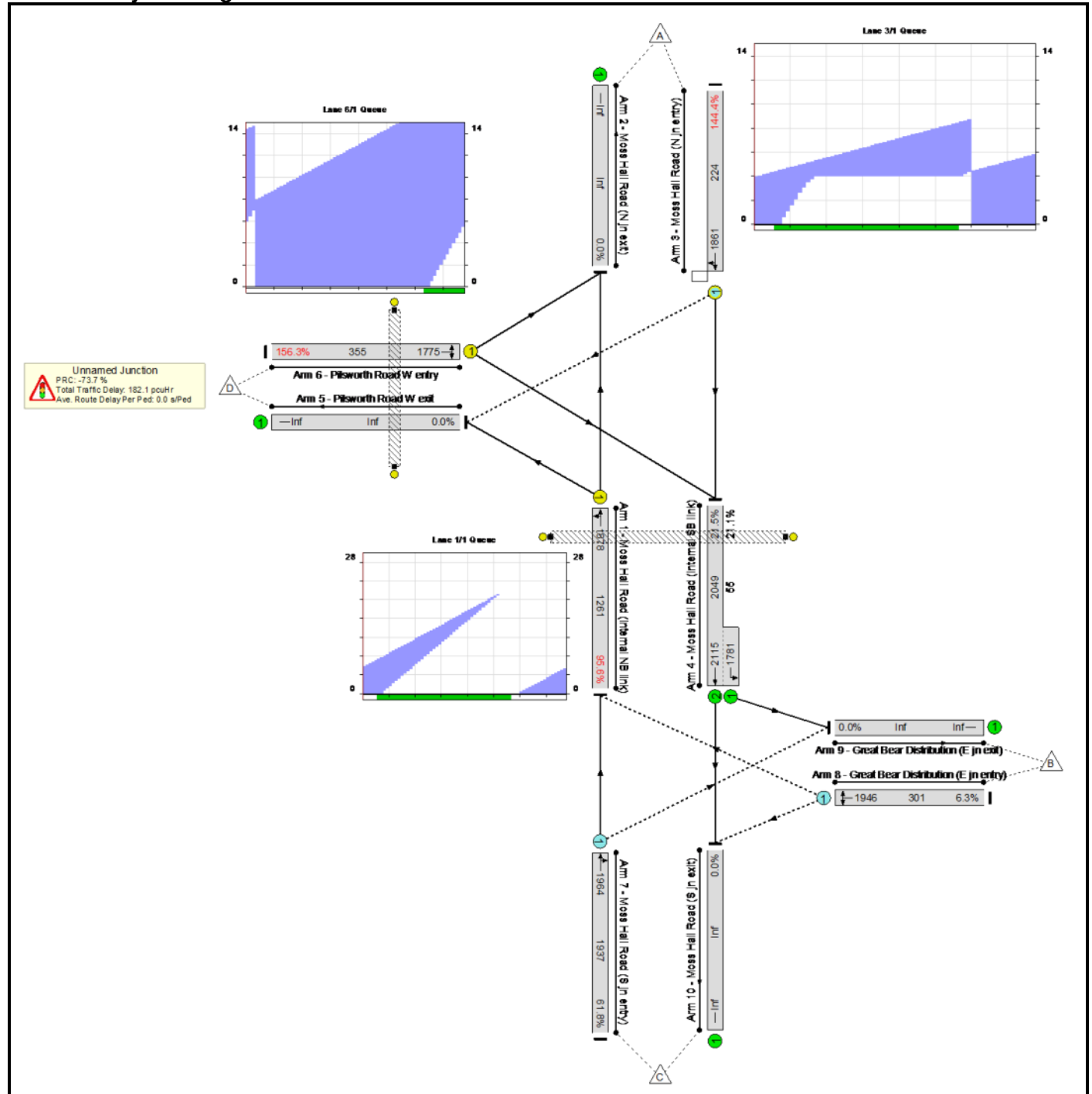
Network Layout Diagram



Basic Results Summary

Scenario 16: '2038 PM + Committed' (FG16: '2038 PM + Committed', Plan 1: 'Network Control Plan 1')

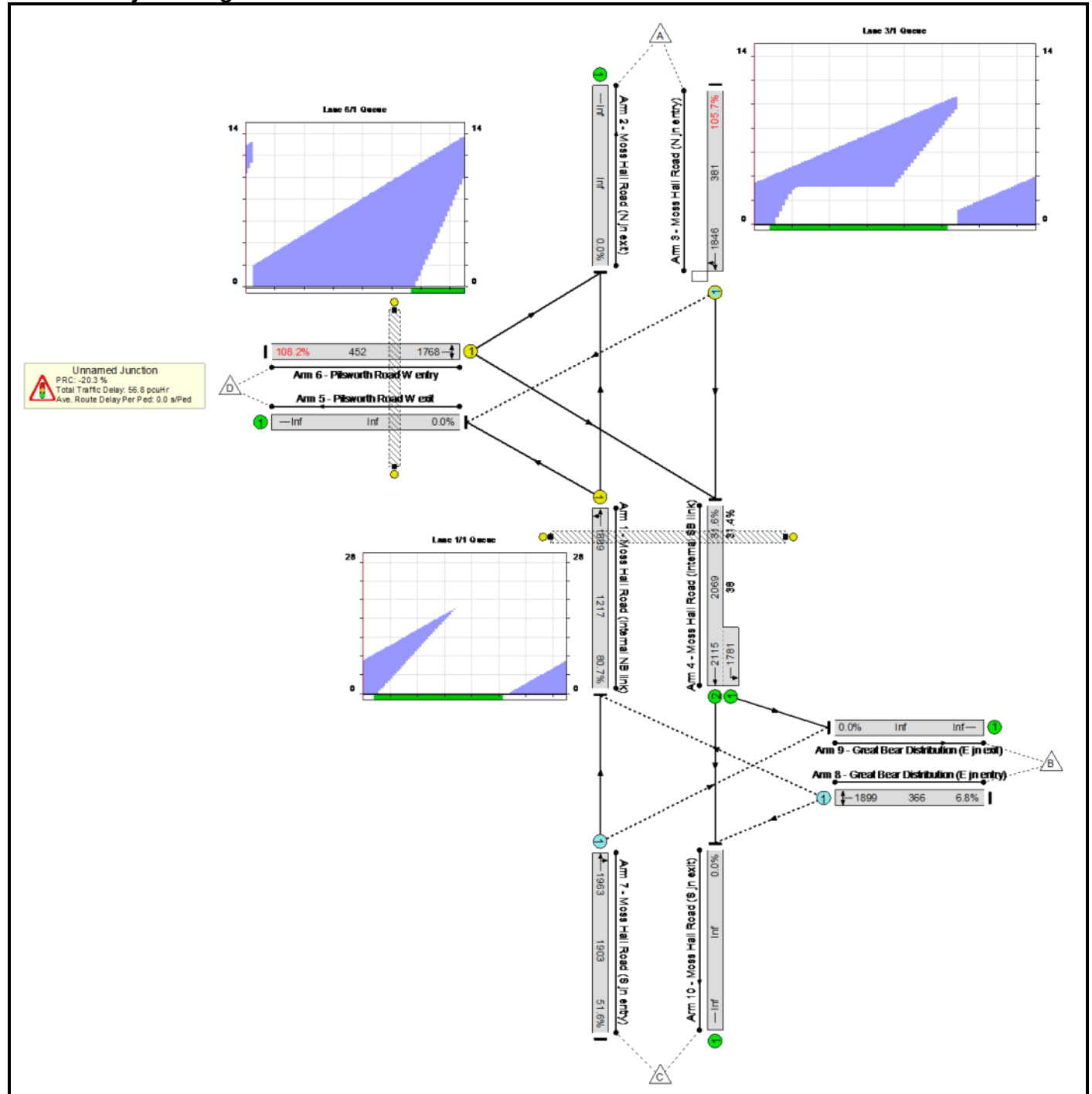
Network Layout Diagram



Basic Results Summary

Scenario 17: '2038 AM + Dev' (FG17: '2038 AM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

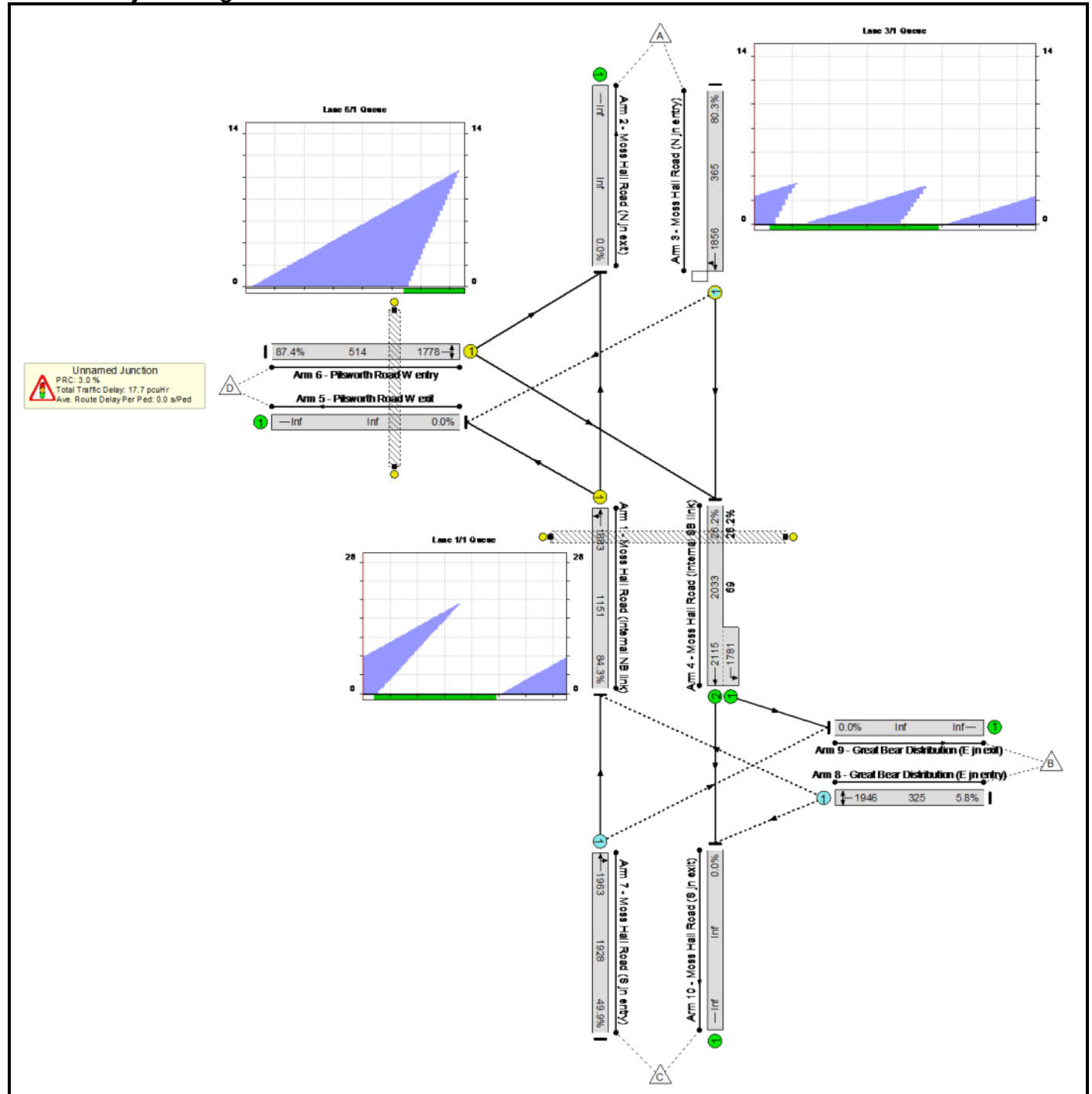


Network Results

Basic Results Summary

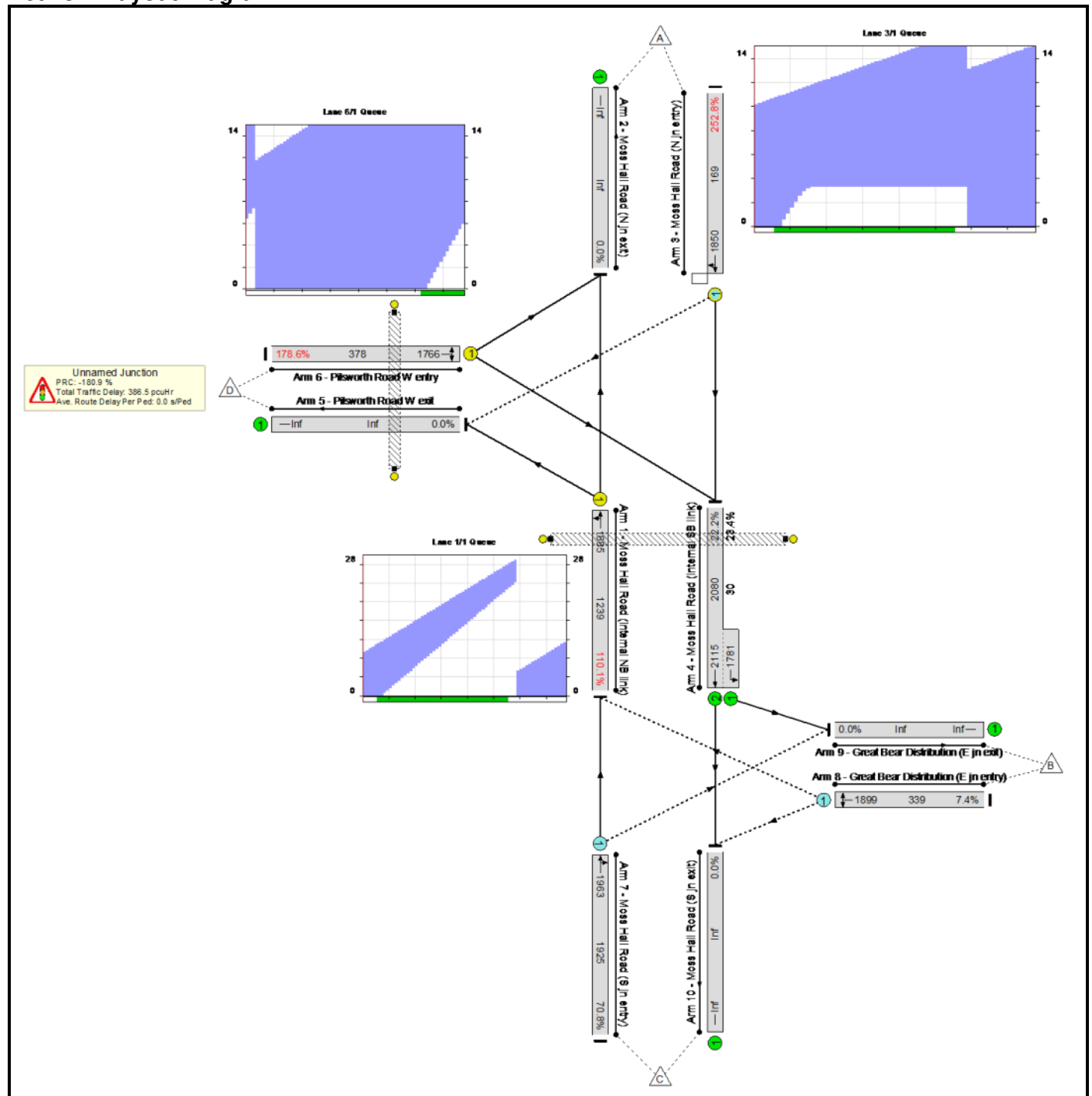
Scenario 18: '2038 PM + Dev' (FG18: '2038 PM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Network Results

Network Layout Diagram

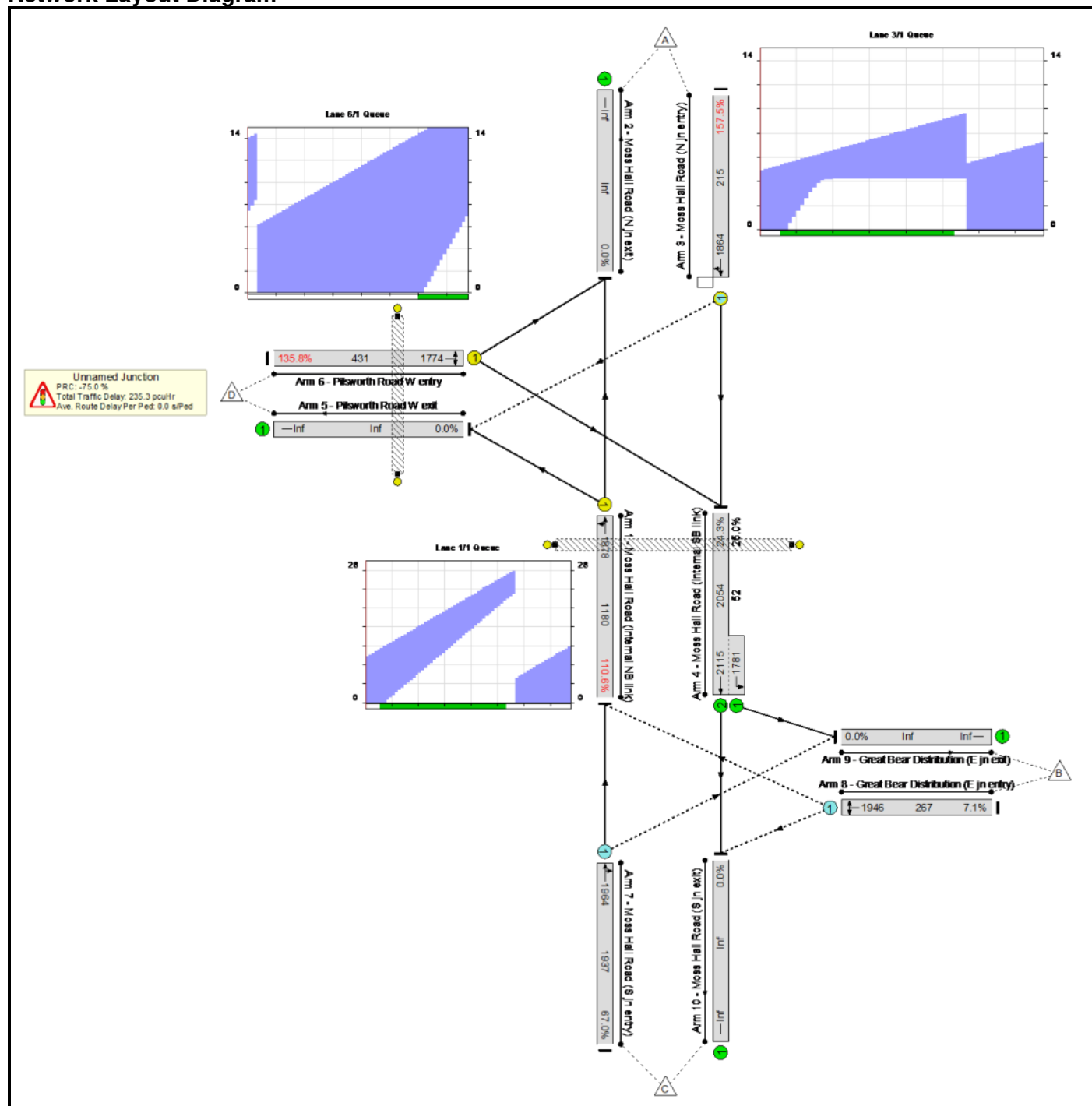


Network Results

Basic Results Summary

Scenario 20: '2038 PM + Comm + Dev' (FG20: '2038 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Network Results

Basic Results Summary

Basic Results Summary

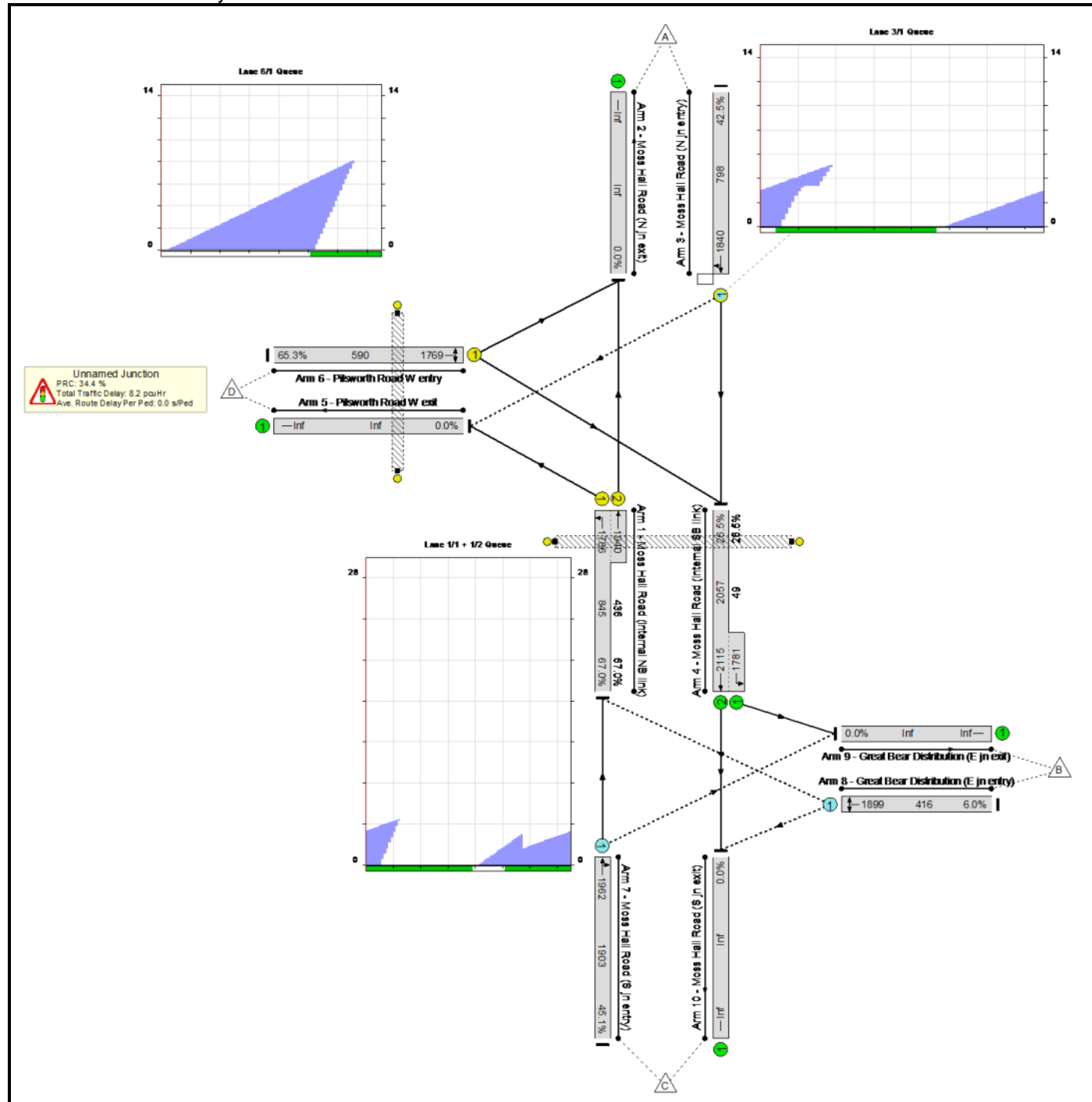
User and Project Details

Project:	Heywood Distribution Park, H4
Title:	Pilsworth Road / Moss Hall Road
Location:	
Client:	Black Cat Building Consultancy Limited
Date Started:	01/05/2024
Additional detail:	
File name:	07290-M-03-B-Additional NB Lane.lsg3x
Author:	Lucy King
Company:	PJA
Address:	

Scenario 1: '2024 AM Base' (FG1: '2024 AM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

Basic Results Summary

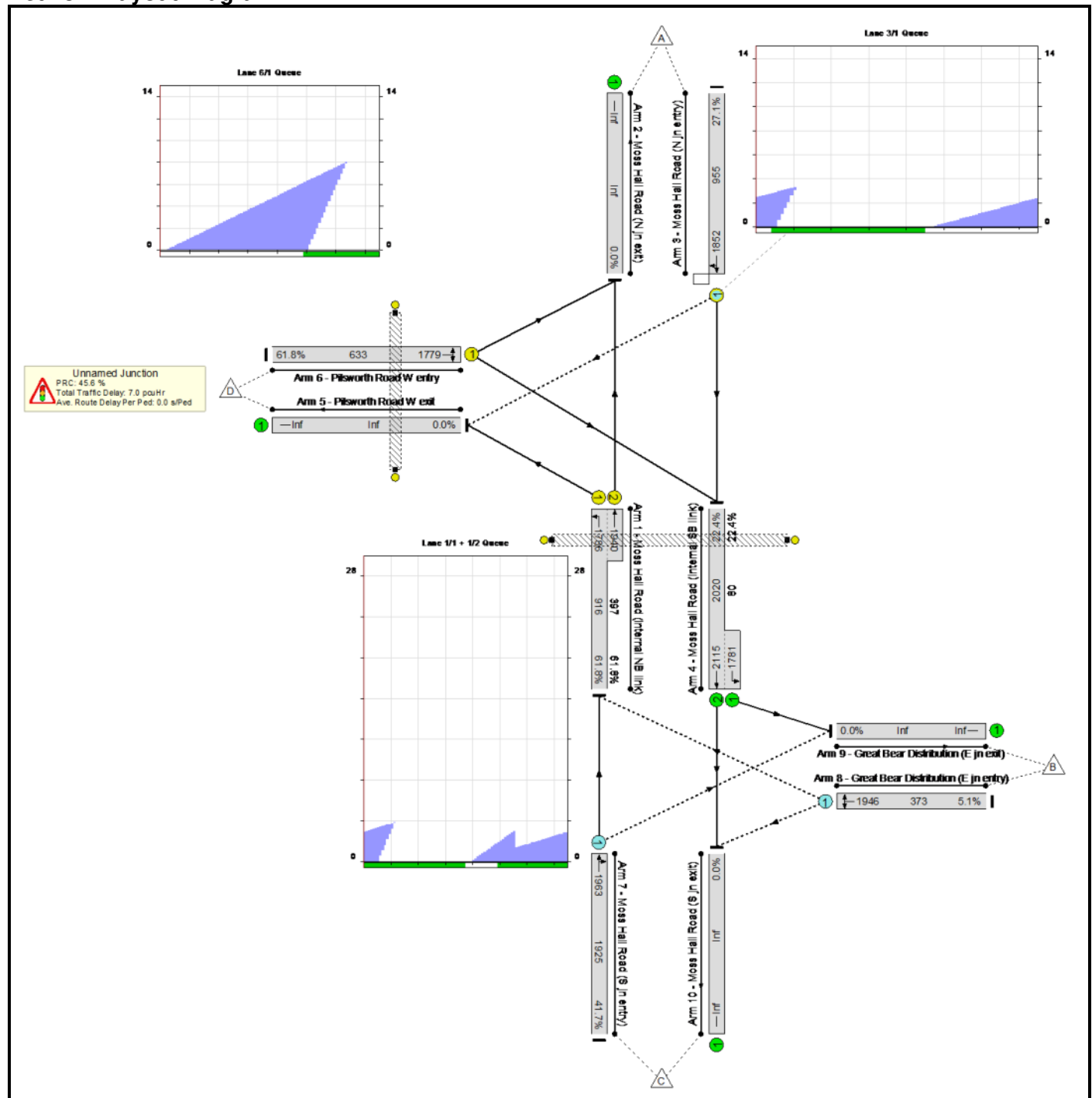


Basic Results Summary

Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	67.0%	146	9	1	8.2	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	67.0%	146	9	1	8.2	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:42	-	858	1786:1940	845+436	67.0 : 67.0%	-	-	-	2.4	10.1	5.5
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	51	4	339	1840	798	42.5%	109	9	1	1.5	16.4	5.5
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	559	2115:1781	2057+49	26.5 : 26.5%	-	-	-	0.2	1.2	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	29	-	385	1769	590	65.3%	-	-	-	3.7	34.3	9.1
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	858	1962	1903	45.1%	12	0	0	0.4	1.7	0.4
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	25	1899	416	6.0%	25	0	0	0.0	4.6	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		34.4		34.4	Total Delay for Signalled Lanes (pcuHr):				7.61	Cycle Time (s):		90		
			PRC Over All Lanes (%):					Total Delay Over All Lanes(pcuHr):				8.23					

Network Layout Diagram



Basic Results Summary

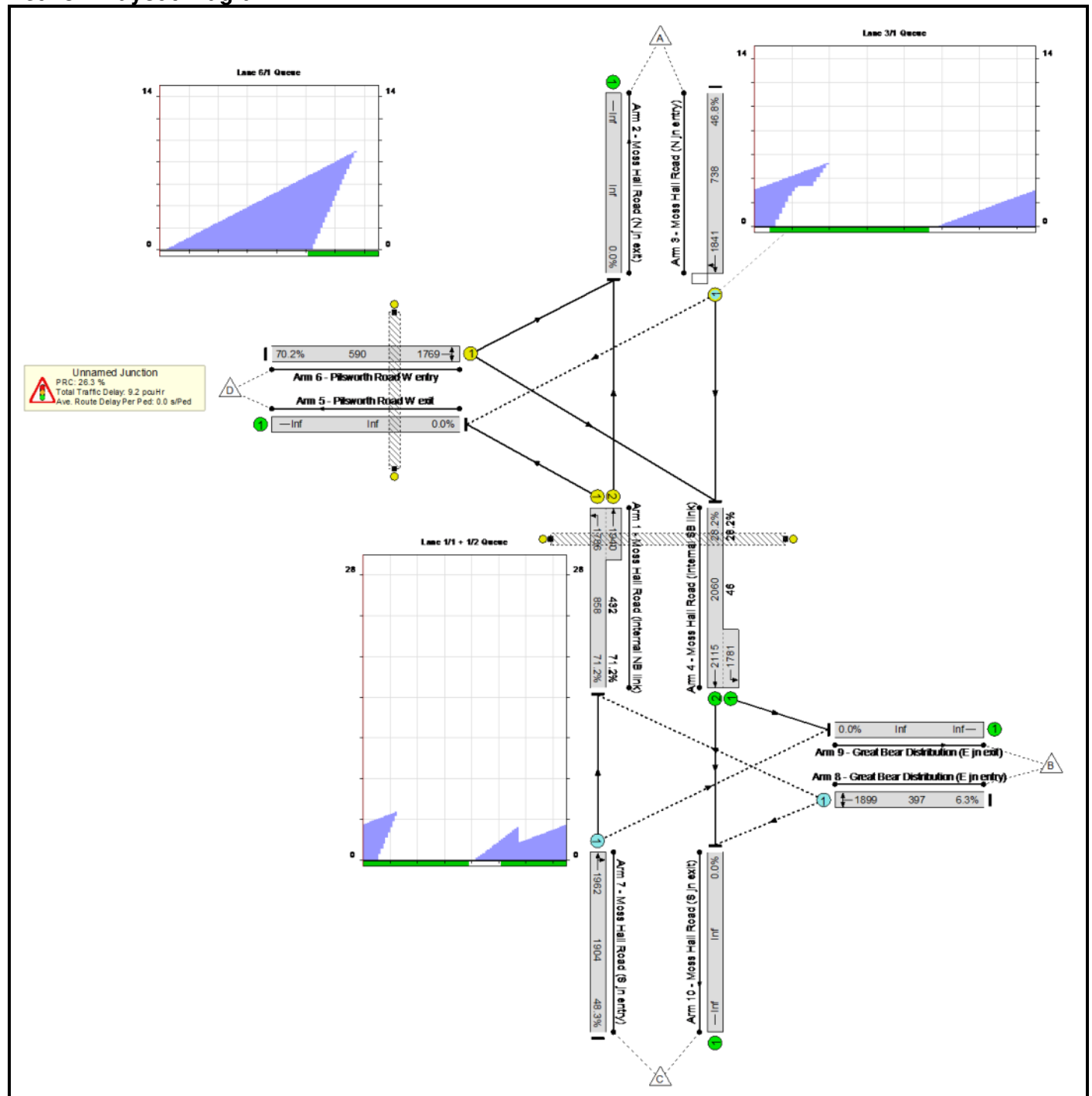
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	61.8%	96	6	1	7.0	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	61.8%	96	6	1	7.0	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:40	-	811	1786:1940	916+397	61.8 : 61.8%	-	-	-	2.1	9.1	4.6
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	49	4	259	1852	955	27.1%	69	6	1	1.0	14.0	3.5
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	471	2115:1781	2020+80	22.4 : 22.4%	-	-	-	0.1	1.1	0.1
6/1	Pilsworth Road W entry Left Right	U	C		1	31	-	391	1779	633	61.8%	-	-	-	3.4	31.4	8.8
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	803	1963	1925	41.7%	8	0	0	0.4	1.6	0.4
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	373	5.1%	19	0	0	0.0	5.1	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		45.6		45.6	Total Delay for Signalled Lanes (pcuHr):				6.47	Cycle Time (s):		90		
			PRC Over All Lanes (%):		45.6		45.6	Total Delay Over All Lanes(pcuHr):				7.00					

Basic Results Summary

Scenario 3: '2026 AM + Committed' (FG3: '2026 AM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

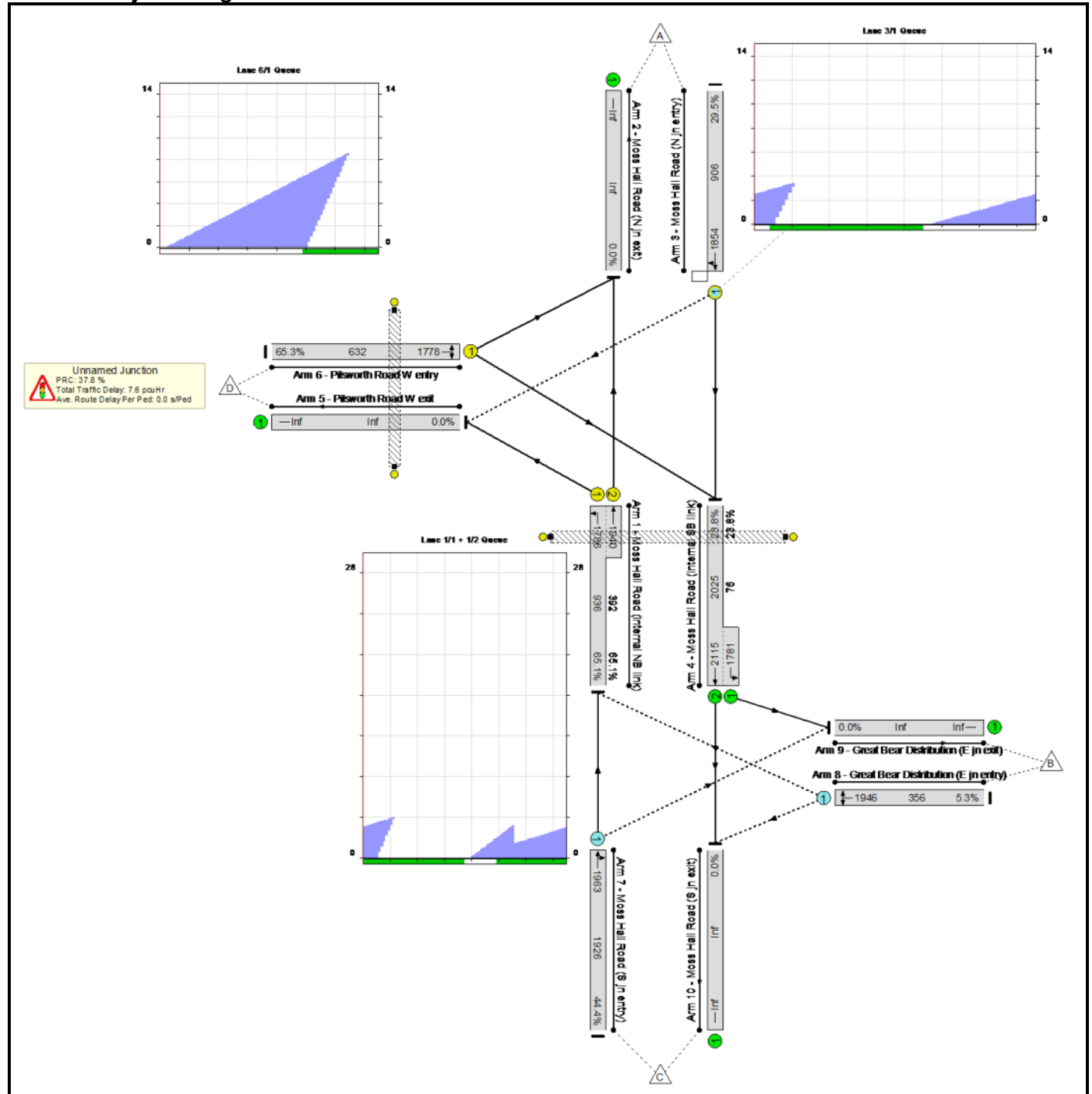
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	71.2%	147	9	1	9.2	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	71.2%	147	9	1	9.2	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:42	-	919	1786:1940	858+432	71.2 : 71.2%	-	-	-	2.7	10.7	5.9
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	51	4	345	1841	738	46.8%	110	9	1	1.7	17.4	5.7
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	593	2115:1781	2060+46	28.2 : 28.2%	-	-	-	0.2	1.2	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	29	-	414	1769	590	70.2%	-	-	-	4.2	36.2	10.1
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	919	1962	1904	48.3%	12	0	0	0.5	1.8	0.5
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	25	1899	397	6.3%	25	0	0	0.0	4.8	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		26.3		26.3	Total Delay for Signalled Lanes (pcuHr):				8.55	Cycle Time (s):		90		
			PRC Over All Lanes (%):					Total Delay Over All Lanes(pcuHr):				9.25					

Basic Results Summary

Scenario 4: '2026 PM + Committed' (FG4: '2026 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

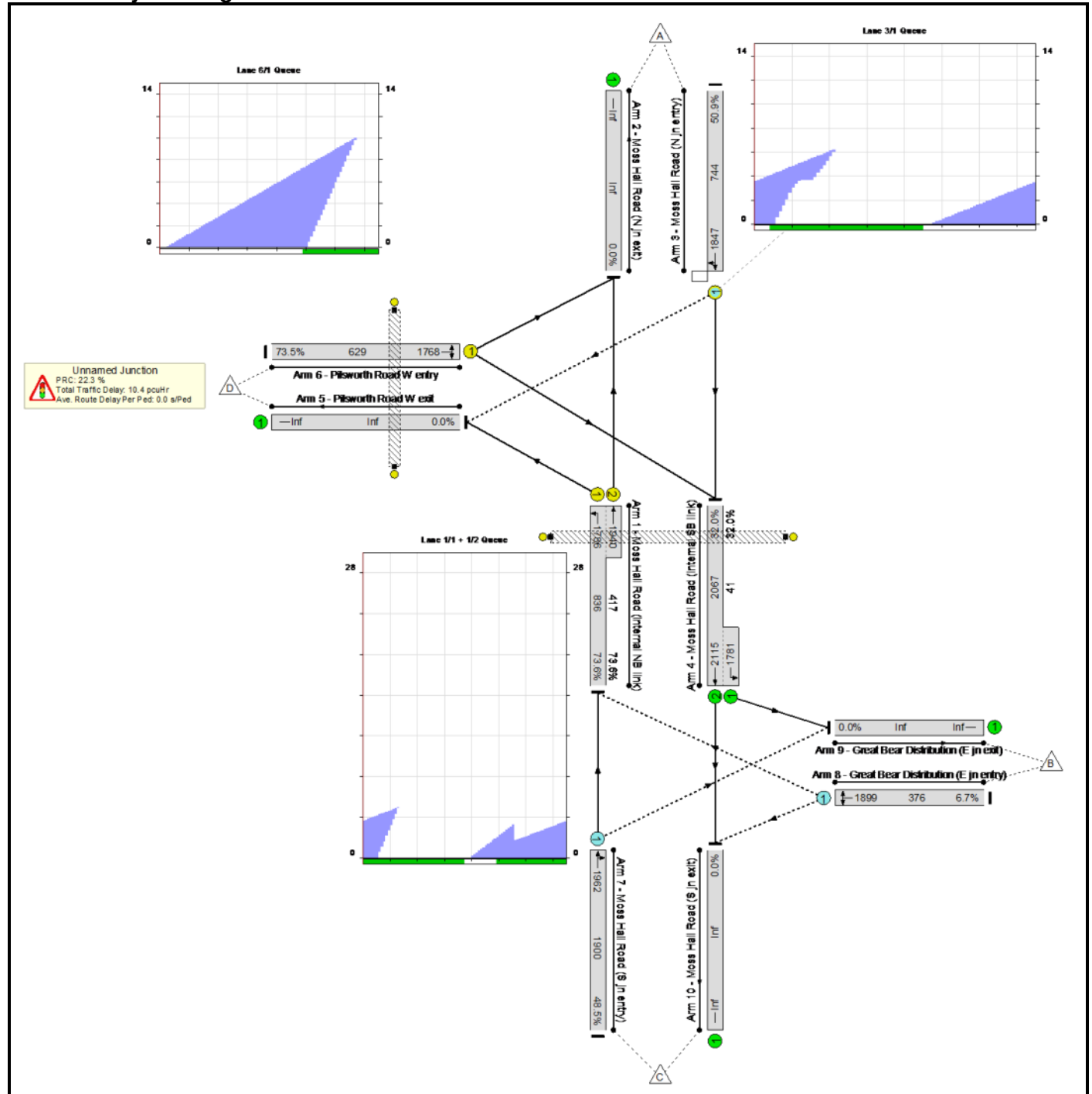
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	65.3%	96	6	1	7.6	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	65.3%	96	6	1	7.6	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:40	-	864	1786:1940	936+392	65.1 : 65.1%	-	-	-	2.3	9.4	4.9
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	49	4	267	1854	906	29.5%	69	6	1	1.1	14.4	3.7
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	500	2115:1781	2025+76	23.8 : 23.8%	-	-	-	0.2	1.1	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	31	-	413	1778	632	65.3%	-	-	-	3.7	32.5	9.5
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	856	1963	1926	44.4%	8	0	0	0.4	1.7	0.4
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	356	5.3%	19	0	0	0.0	5.3	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		37.8		37.8	Total Delay for Signalled Lanes (pcuHr):		7.05		Cycle Time (s):		90			
			PRC Over All Lanes (%):					Total Delay Over All Lanes(pcuHr):		7.63							

Basic Results Summary

Scenario 5: '2026 AM + Dev' (FG5: '2026 AM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

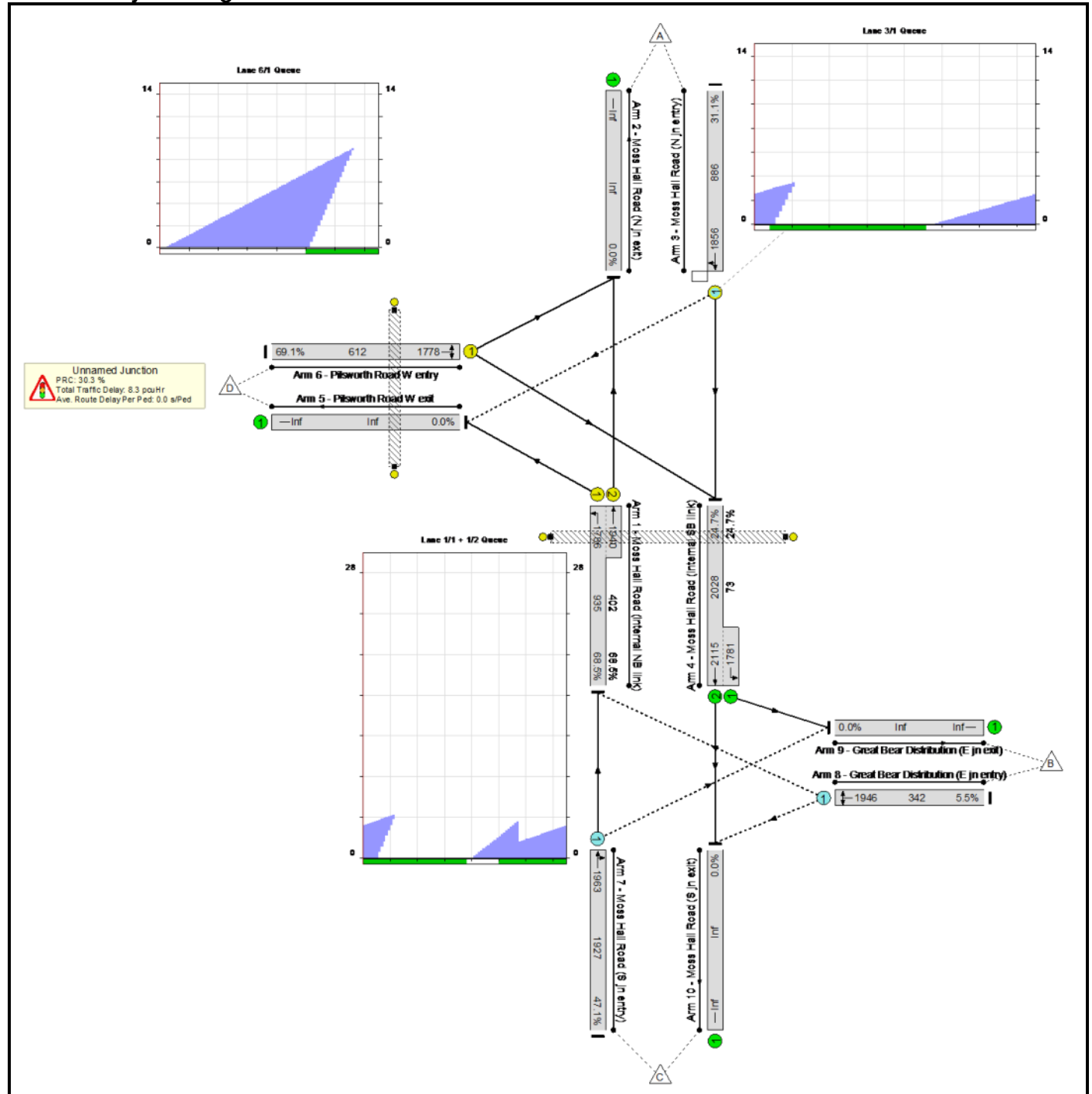


Network Results

Basic Results Summary

Scenario 6: '2026 PM + Dev' (FG6: '2026 PM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

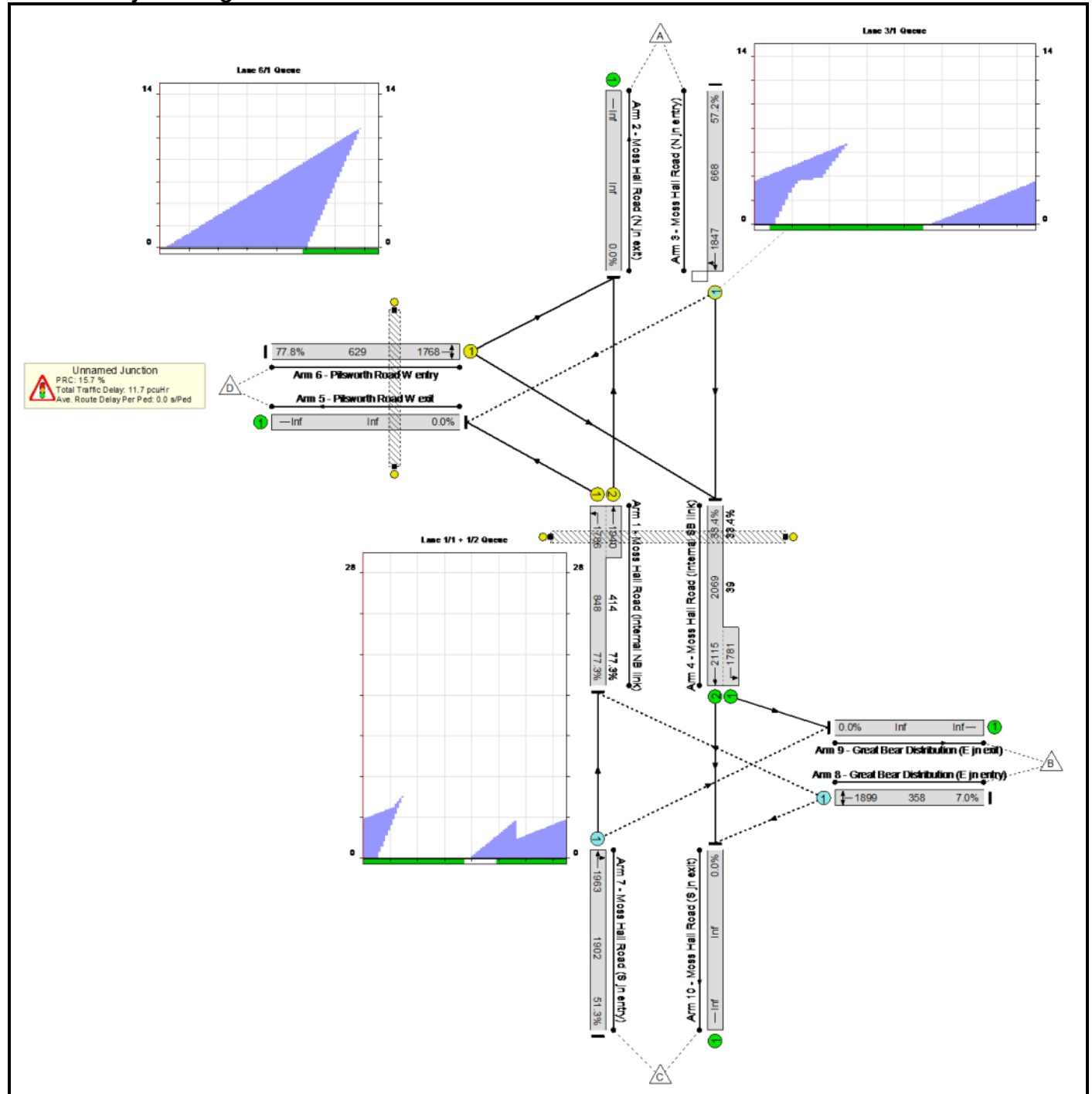
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	69.1%	96	6	1	8.3	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	69.1%	96	6	1	8.3	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:41	-	915	1786:1940	935+402	68.5 : 68.5%	-	-	-	2.5	9.8	5.3
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	50	4	276	1856	886	31.1%	69	6	1	1.1	14.0	3.8
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	519	2115:1781	2028+73	24.7 : 24.7%	-	-	-	0.2	1.1	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	30	-	423	1778	612	69.1%	-	-	-	4.1	34.8	10.2
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	907	1963	1927	47.1%	8	0	0	0.4	1.8	0.4
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	342	5.5%	19	0	0	0.0	5.6	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		30.3		30.3	Total Delay for Signalled Lanes (pcuHr):				7.64	Cycle Time (s):		90		
			PRC Over All Lanes (%):		30.3		30.3	Total Delay Over All Lanes(pcuHr):				8.28					

Basic Results Summary

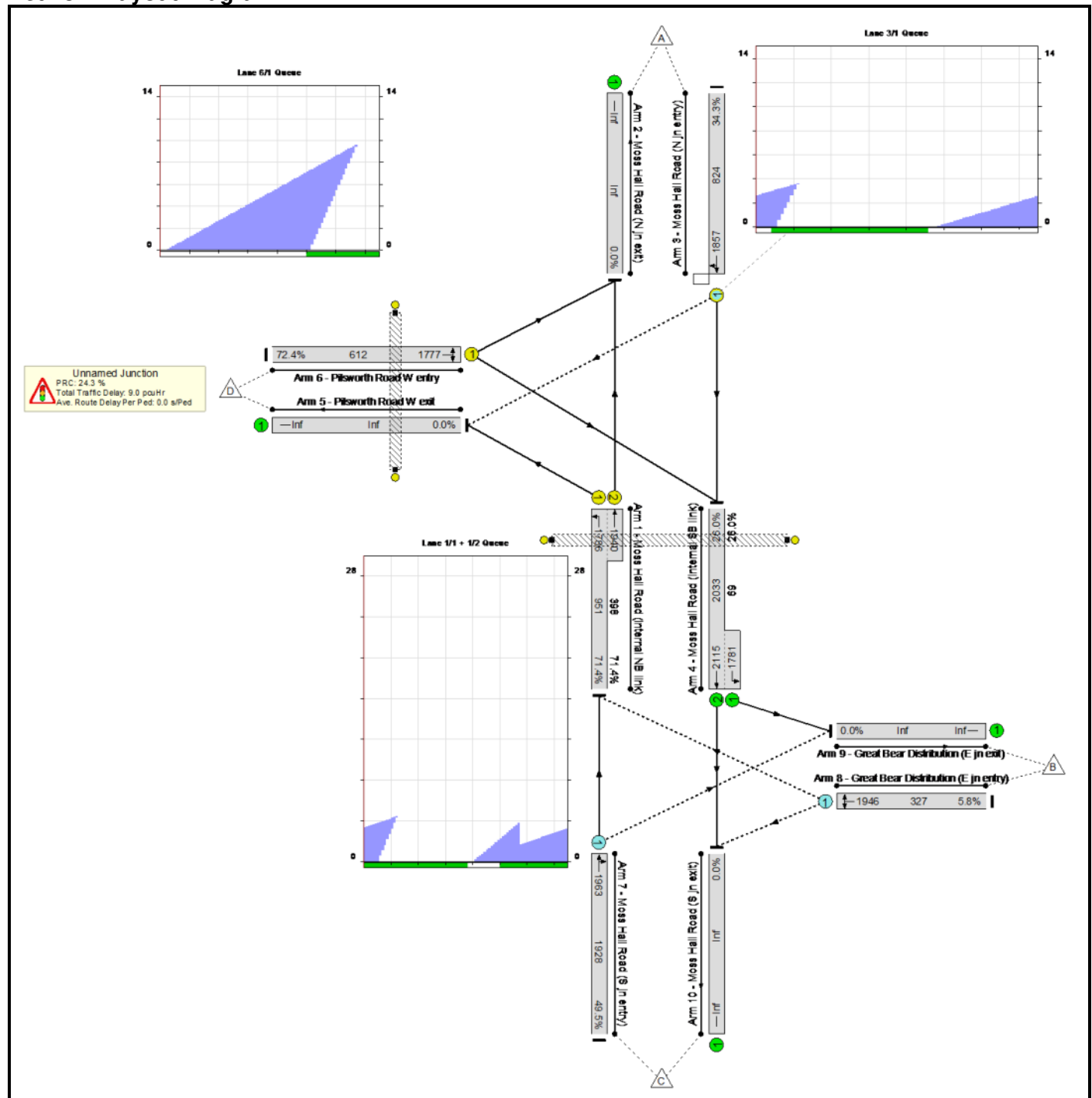
Scenario 7: '2026 AM + Comm + Dev' (FG7: '2026 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Network Results

Network Layout Diagram



Basic Results Summary

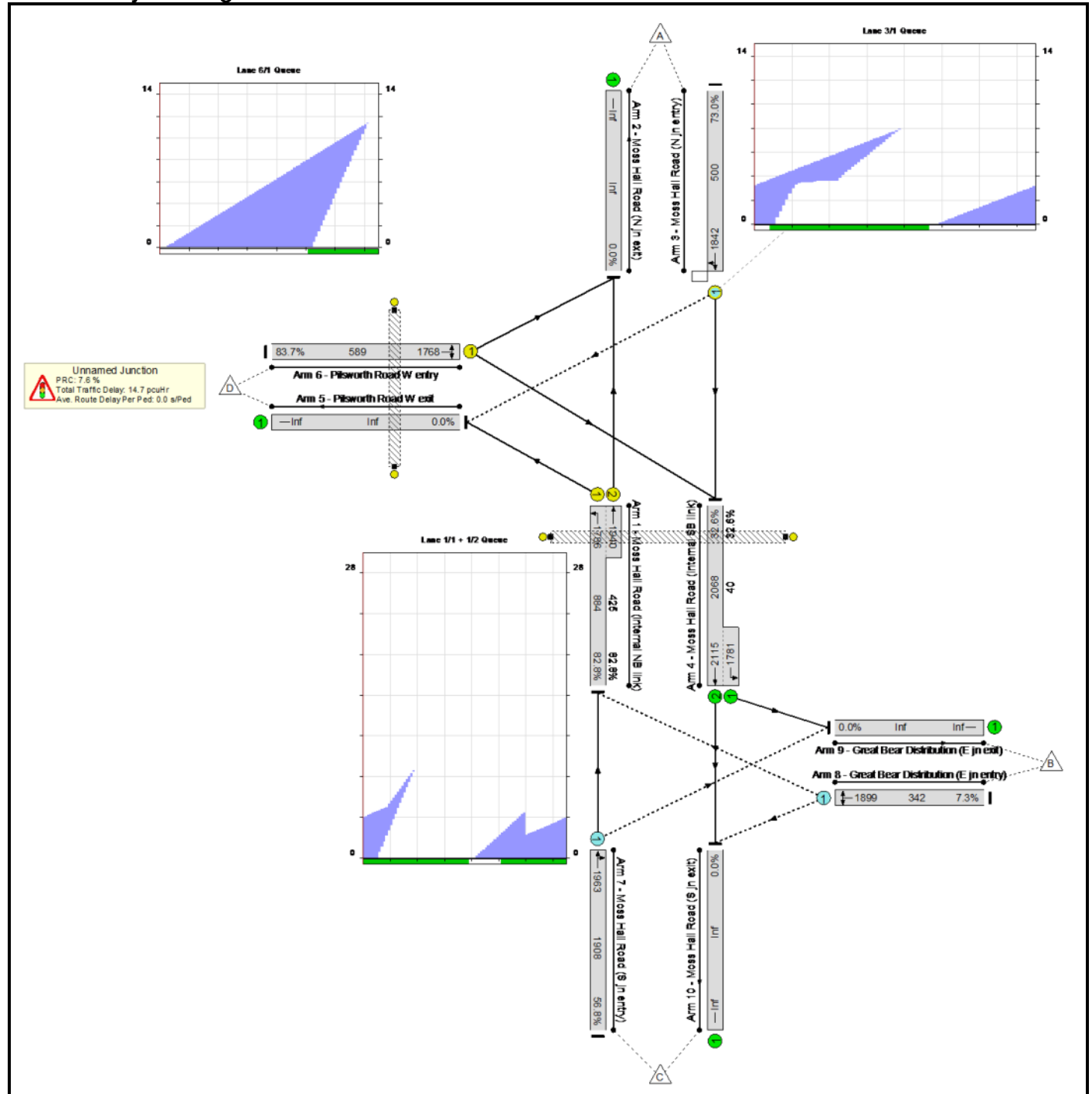
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	72.4%	96	6	1	9.0	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	72.4%	96	6	1	9.0	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:41	-	963	1786:1940	951+398	71.4 : 71.4%	-	-	-	2.7	10.1	5.7
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	50	4	283	1857	824	34.3%	69	6	1	1.2	14.7	3.9
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	546	2115:1781	2033+69	26.0 : 26.0%	-	-	-	0.2	1.2	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	30	-	443	1777	612	72.4%	-	-	-	4.5	36.3	10.9
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	955	1963	1928	49.5%	8	0	0	0.5	1.8	0.5
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	327	5.8%	19	0	0	0.0	5.8	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):				24.3	Total Delay for Signalled Lanes (pcuHr):				8.32	Cycle Time (s):		90		
			PRC Over All Lanes (%):				24.3	Total Delay Over All Lanes(pcuHr):				9.02					

Basic Results Summary

Scenario 9: '2031 AM + Committed' (FG9: '2031 AM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

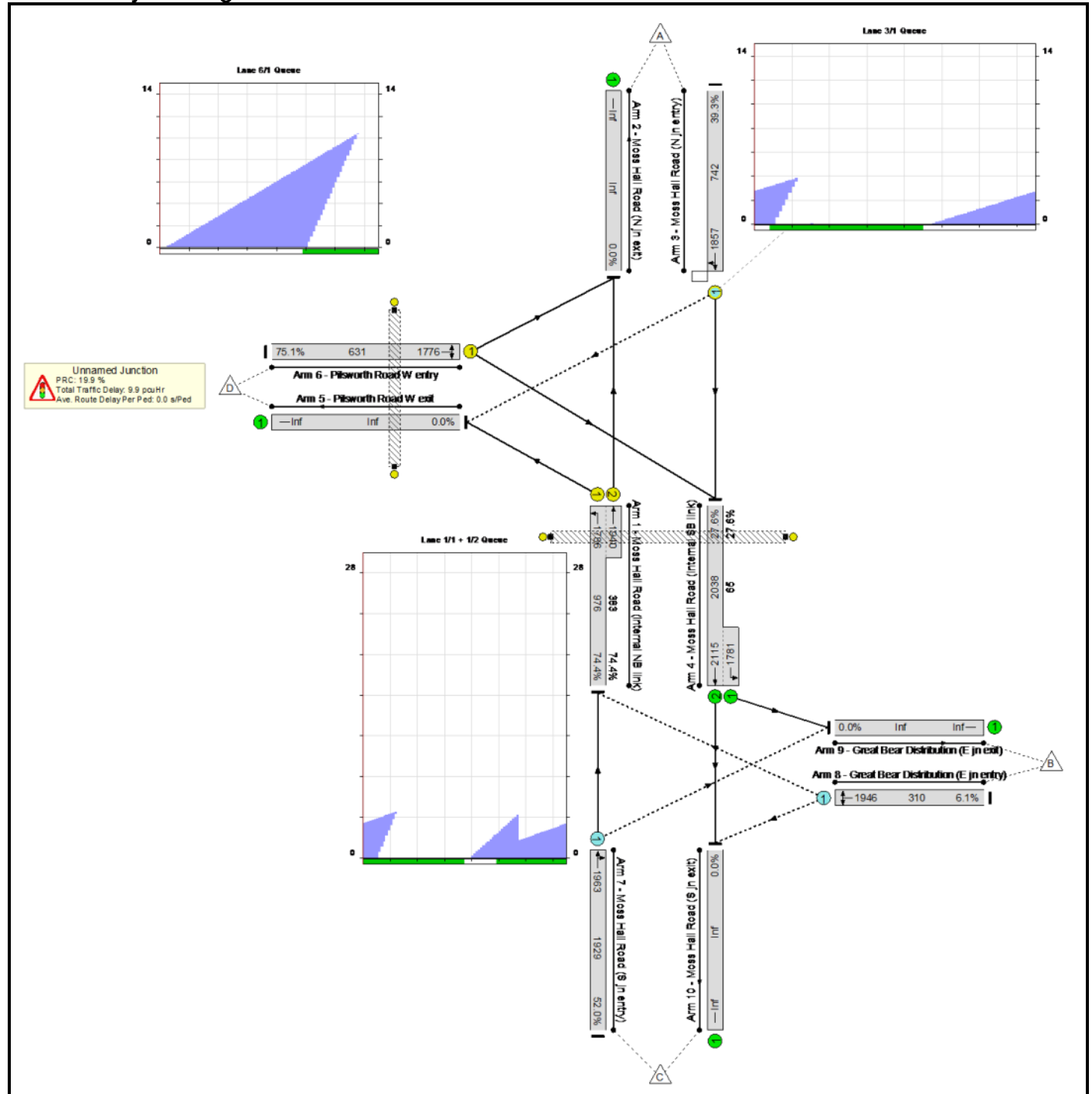
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	83.7%	120	40	1	14.7	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	83.7%	120	40	1	14.7	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:42	-	1084	1786:1940	884+425	82.8 : 82.8%	-	-	-	4.2	14.1	11.0
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	51	4	365	1842	500	73.0%	83	40	1	3.2	32.0	9.2
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	687	2115:1781	2068+40	32.6 : 32.6%	-	-	-	0.2	1.3	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	29	-	493	1768	589	83.7%	-	-	-	6.2	45.5	13.8
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	1084	1963	1908	56.8%	12	0	0	0.7	2.2	0.7
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	25	1899	342	7.3%	25	0	0	0.0	5.7	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		7.6		7.6		Total Delay for Signalled Lanes (pcuHr):			13.71	Cycle Time (s):		90		
			PRC Over All Lanes (%):						Total Delay Over All Lanes(pcuHr):			14.65					

Basic Results Summary

Scenario 10: '2031 PM + Committed' (FG10: '2031 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

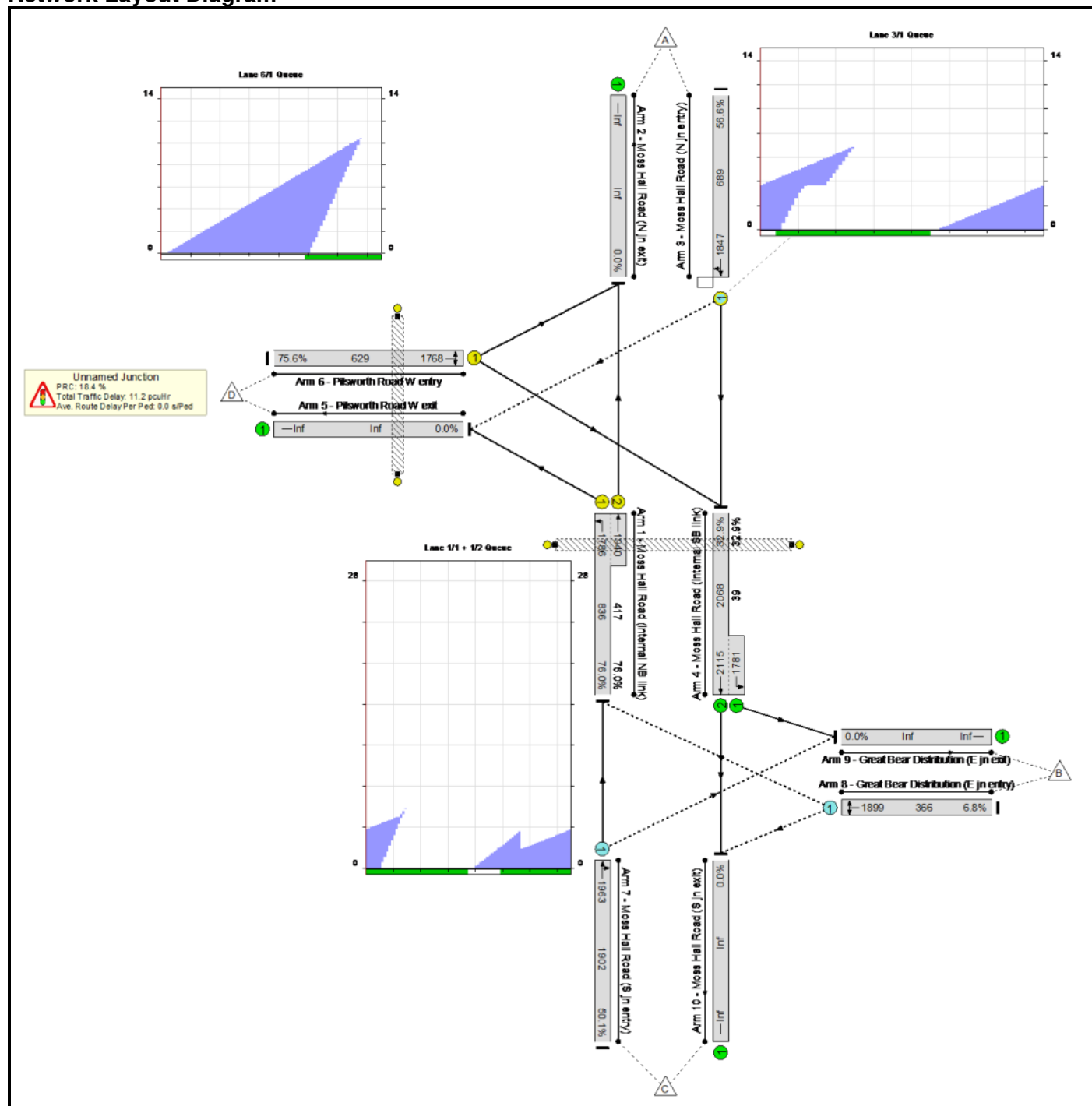
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	75.1%	99	6	1	9.9	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	75.1%	99	6	1	9.9	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:40	-	1011	1786:1940	976+383	74.4 : 74.4%	-	-	-	3.0	10.7	6.0
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	49	4	292	1857	742	39.3%	72	6	1	1.3	16.2	4.2
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	580	2115:1781	2038+65	27.6 : 27.6%	-	-	-	0.2	1.2	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	31	-	474	1776	631	75.1%	-	-	-	4.8	36.7	11.9
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	1003	1963	1929	52.0%	8	0	0	0.5	1.9	0.5
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	310	6.1%	19	0	0	0.0	6.2	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):				19.9	Total Delay for Signalled Lanes (pcuHr):				9.14	Cycle Time (s):		90		
			PRC Over All Lanes (%):				19.9	Total Delay Over All Lanes(pcuHr):				9.91					

Basic Results Summary

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

Network Layout Diagram

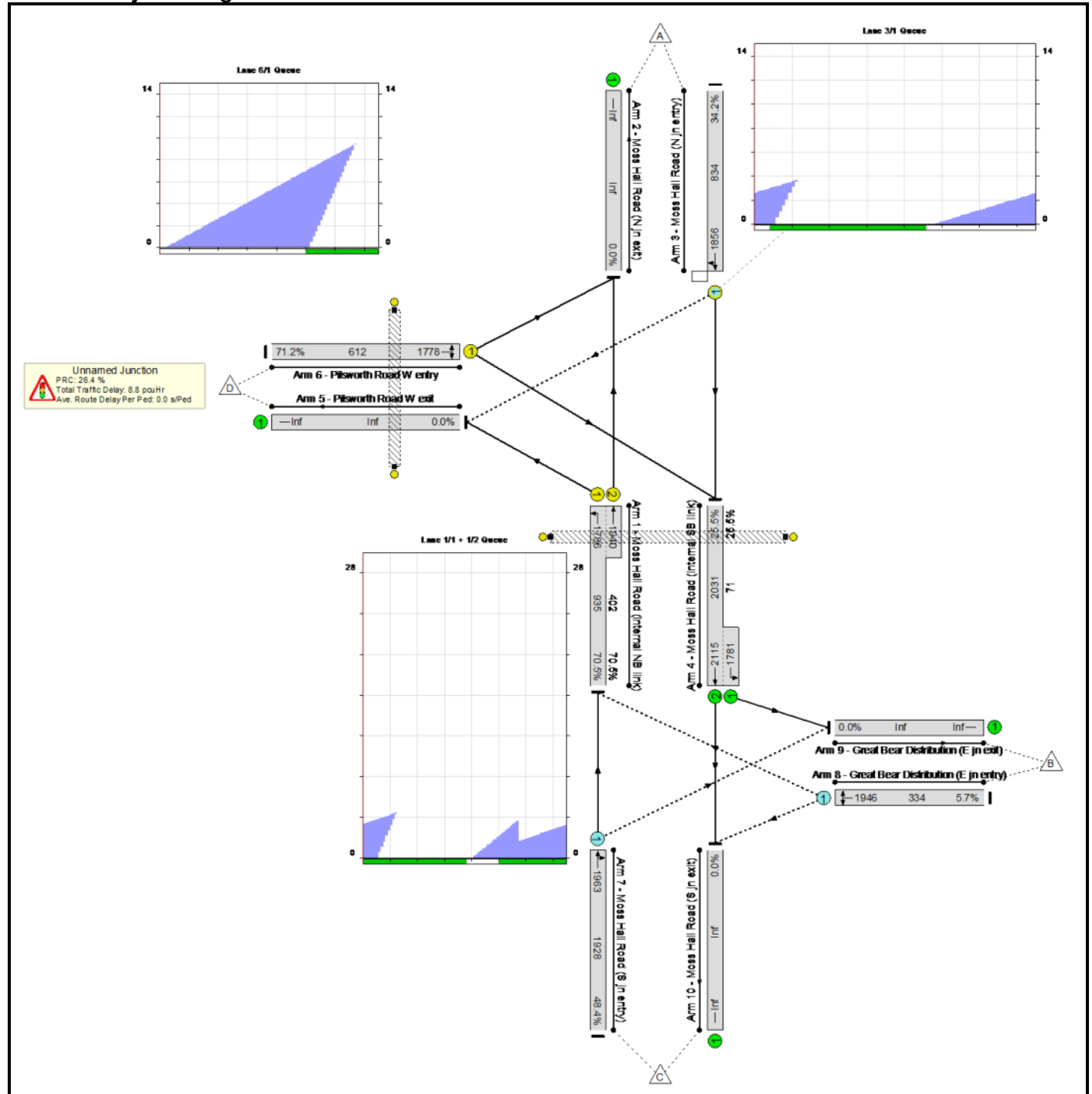


Network Results

Basic Results Summary

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

Network Layout Diagram



Basic Results Summary

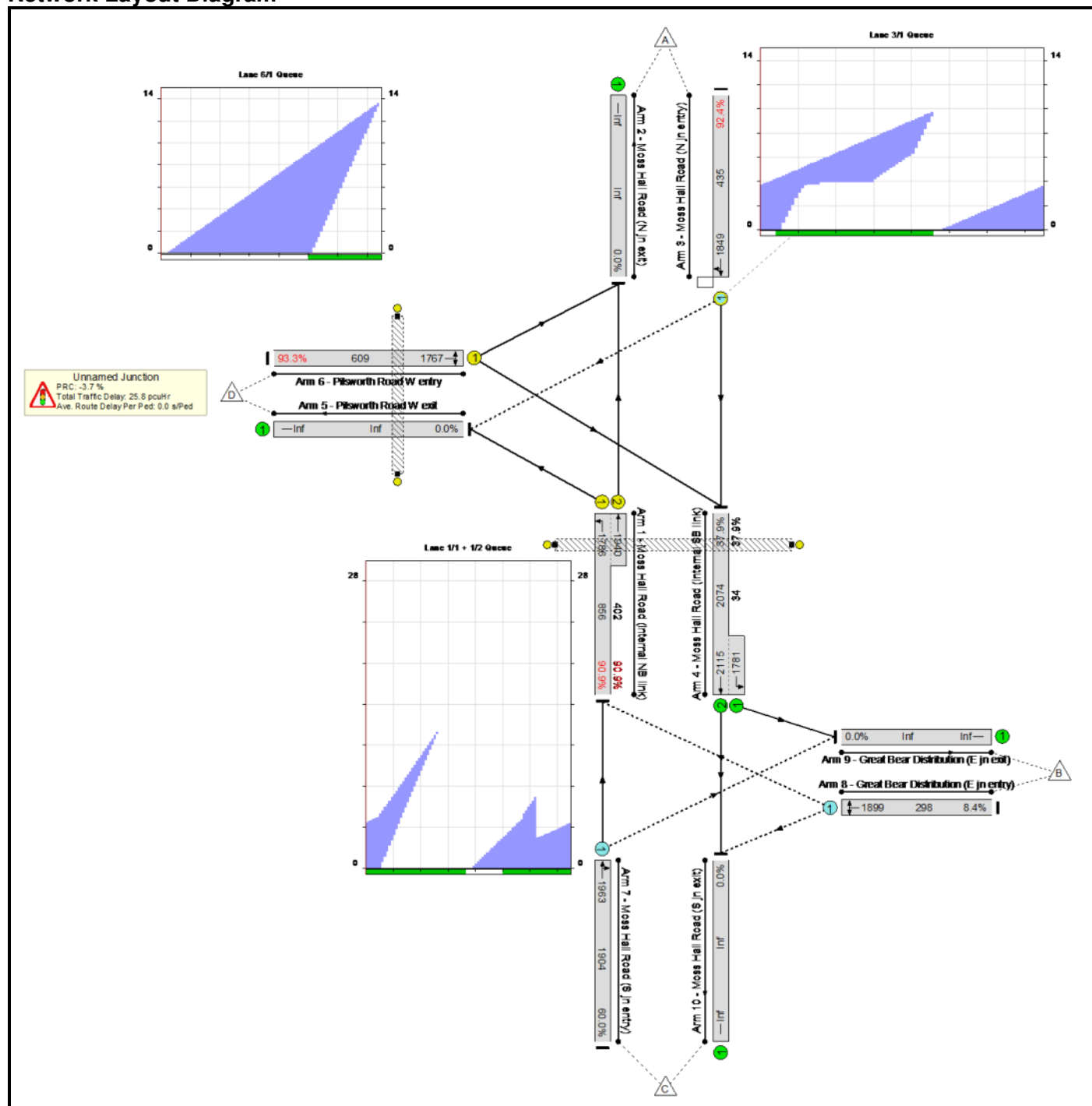
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	71.2%	99	6	1	8.8	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	71.2%	99	6	1	8.8	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:41	-	942	1786:1940	935+402	70.5 : 70.5%	-	-	-	2.6	10.1	5.6
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	50	4	285	1856	834	34.2%	72	6	1	1.2	14.7	3.9
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	535	2115:1781	2031+71	25.5 : 25.5%	-	-	-	0.2	1.1	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	30	-	436	1778	612	71.2%	-	-	-	4.3	35.7	10.7
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	934	1963	1928	48.4%	8	0	0	0.5	1.8	0.5
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	334	5.7%	19	0	0	0.0	5.7	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		26.4		26.4	Total Delay for Signalled Lanes (pcuHr):				8.12	Cycle Time (s):		90		
			PRC Over All Lanes (%):					Total Delay Over All Lanes(pcuHr):				8.79					

Basic Results Summary

Scenario 13: '2031 AM + Comm + Dev' (FG13: '2031 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

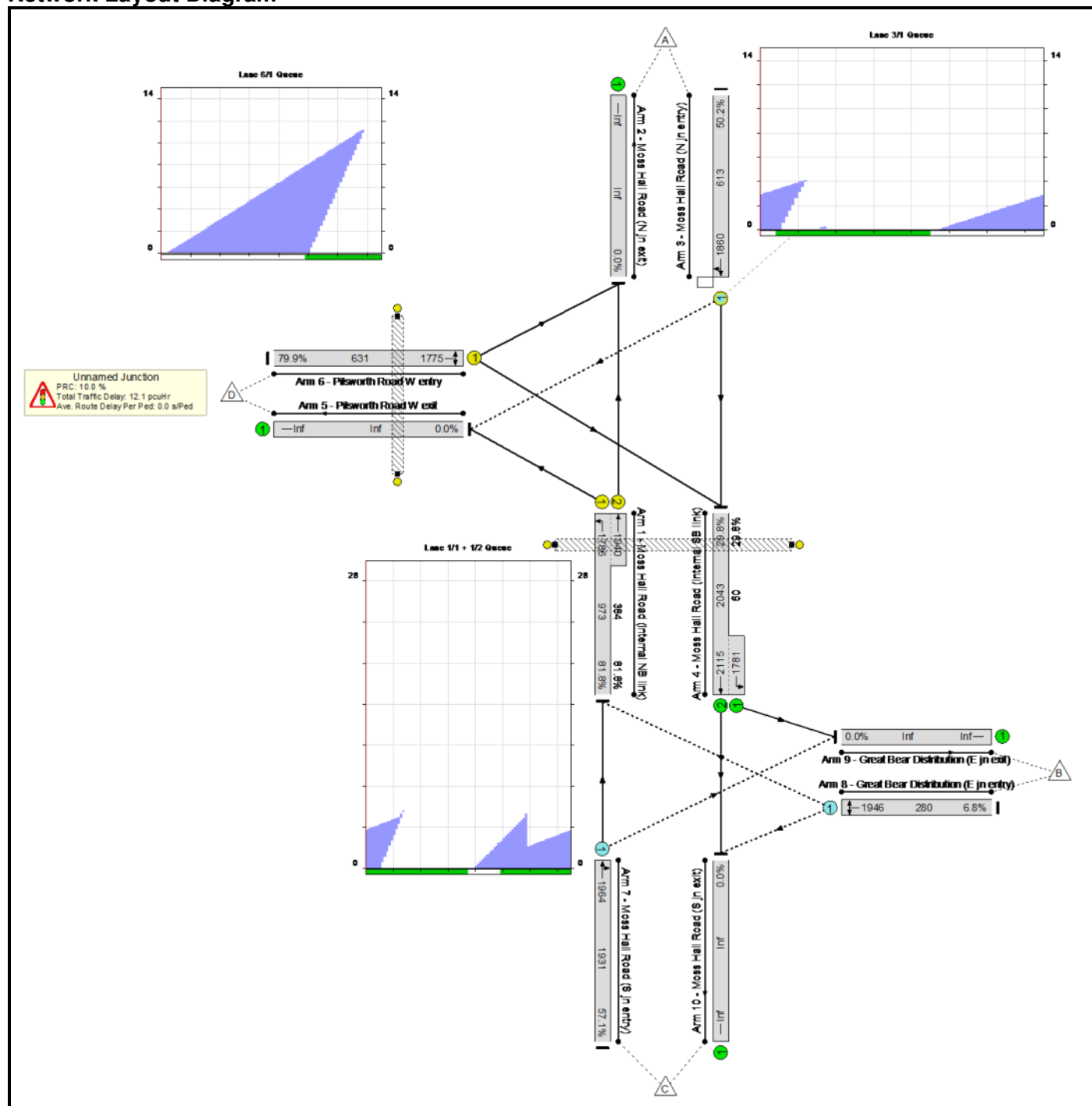


Network Results

Basic Results Summary

Scenario 14: '2031 PM + Comm + Dev' (FG14: '2031 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

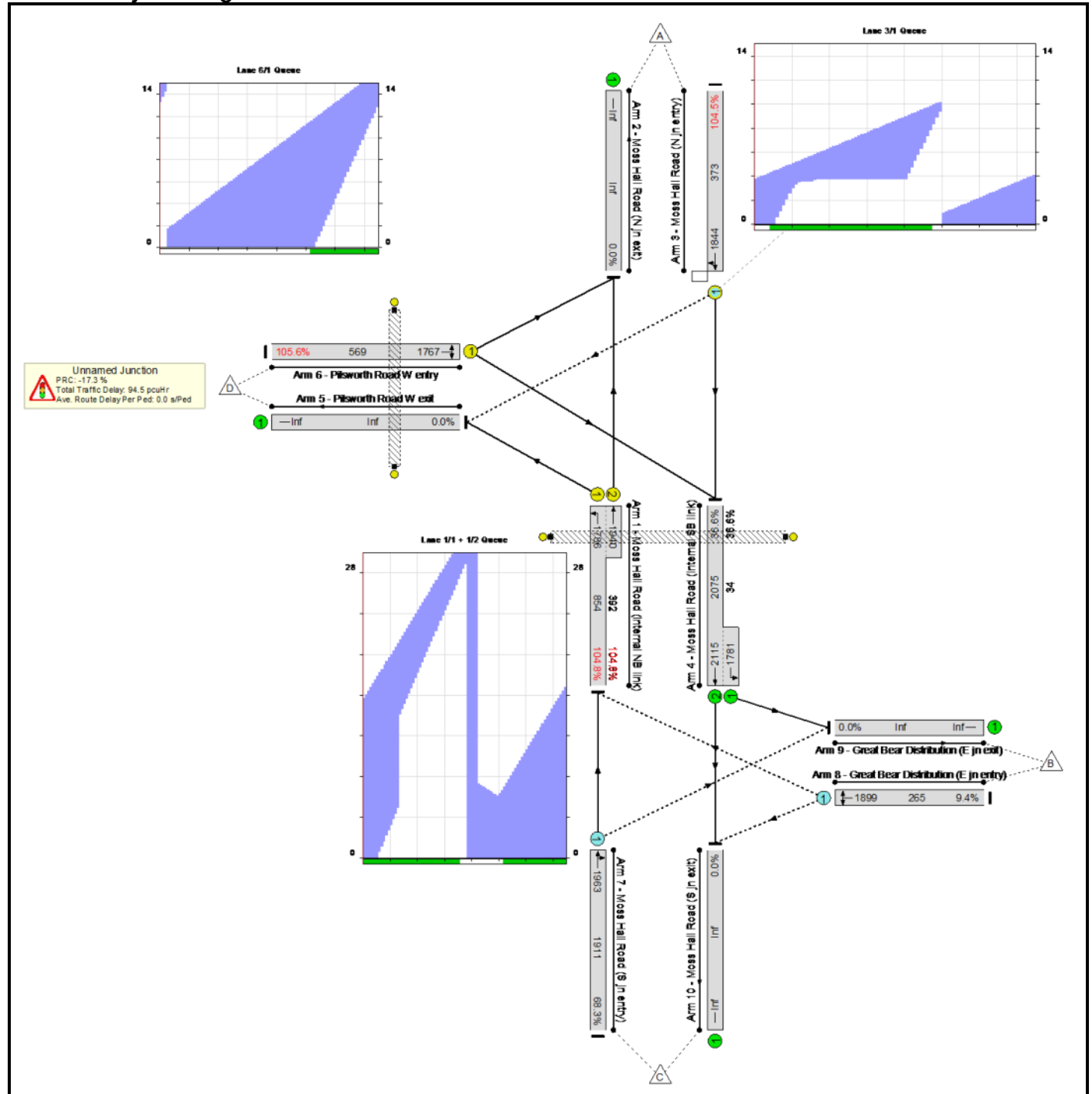
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	81.8%	99	6	1	12.1	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	81.8%	99	6	1	12.1	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:40	-	1110	1786:1940	973+384	81.8 : 81.8%	-	-	-	4.0	12.9	7.8
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	49	4	308	1860	613	50.2%	72	6	1	1.6	19.1	4.6
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	626	2115:1781	2043+60	29.8 : 29.8%	-	-	-	0.2	1.2	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	31	-	504	1775	631	79.9%	-	-	-	5.6	39.8	13.1
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	1102	1964	1931	57.1%	8	0	0	0.7	2.2	0.7
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	280	6.8%	19	0	0	0.0	6.9	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		10.0		10.0	Total Delay for Signalled Lanes (pcuHr):		11.19		Cycle Time (s):		90			
			PRC Over All Lanes (%):		10.0			Total Delay Over All Lanes(pcuHr):		12.10							

Basic Results Summary

Scenario 15: '2038 AM + Committed' (FG15: '2038 AM + Committed', Plan 1: 'Network Control Plan 1')

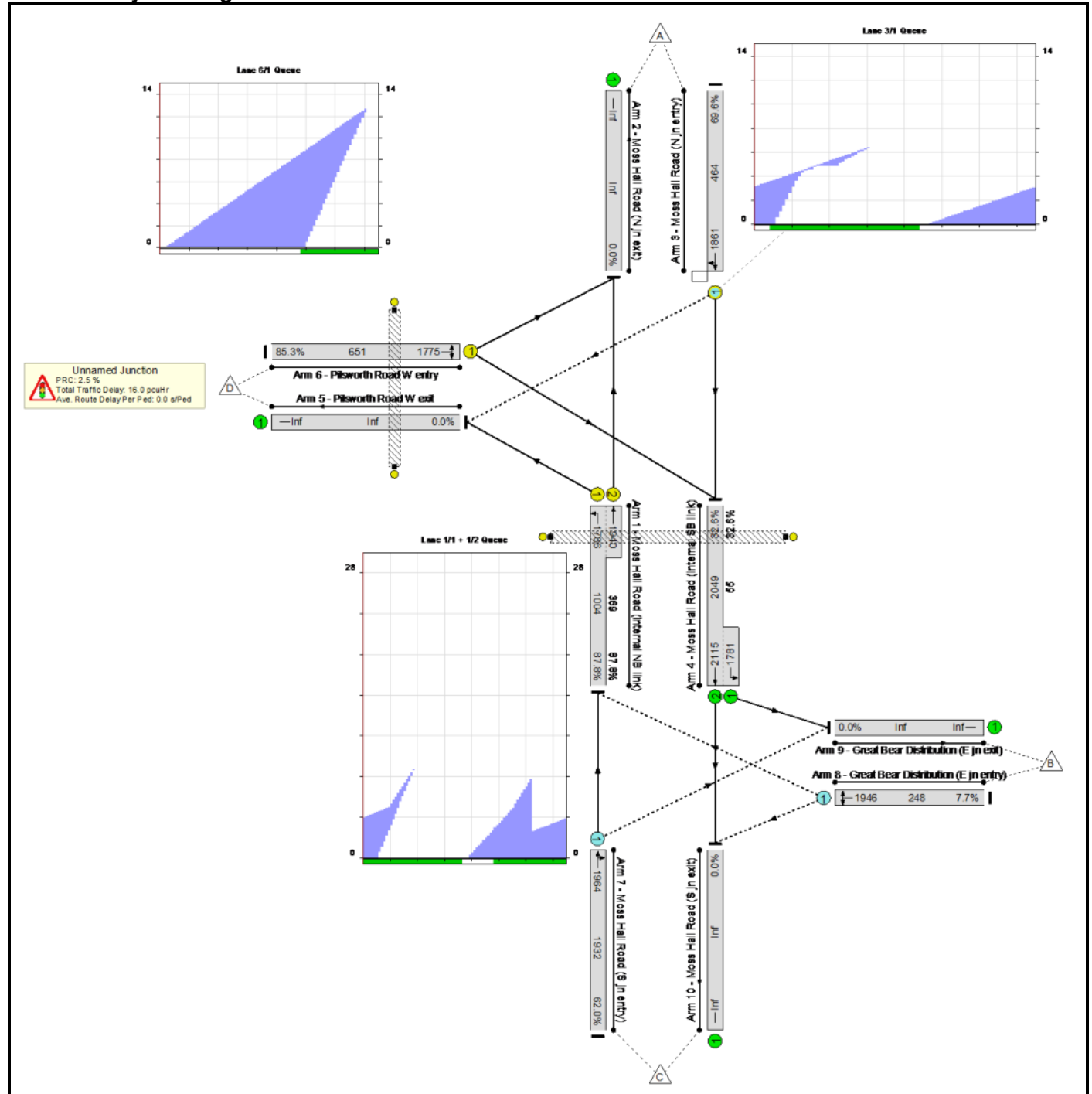
Network Layout Diagram



Basic Results Summary

Scenario 16: '2038 PM + Committed' (FG16: '2038 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

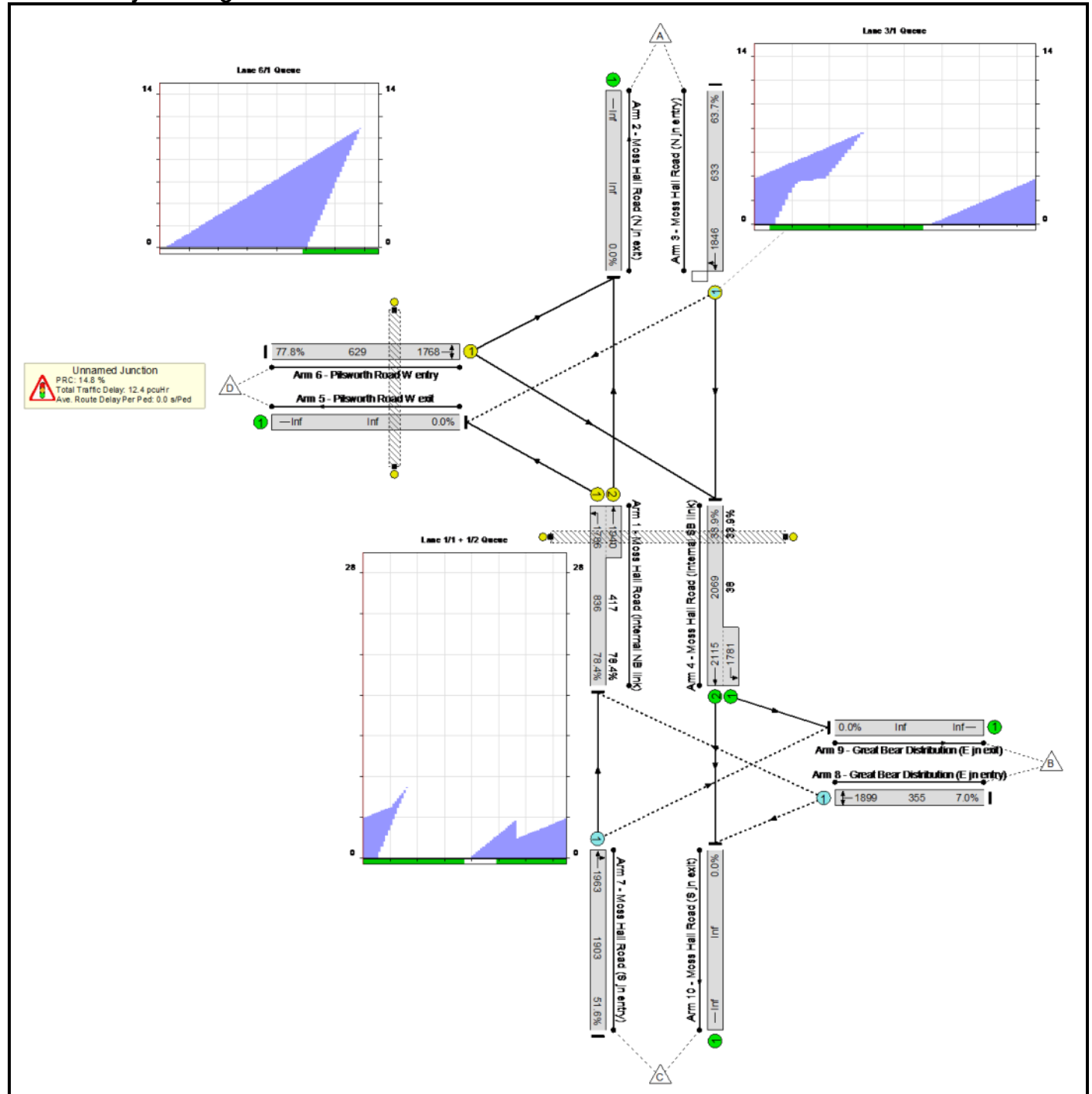


Network Results

Basic Results Summary

Scenario 17: '2038 AM + Dev' (FG17: '2038 AM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

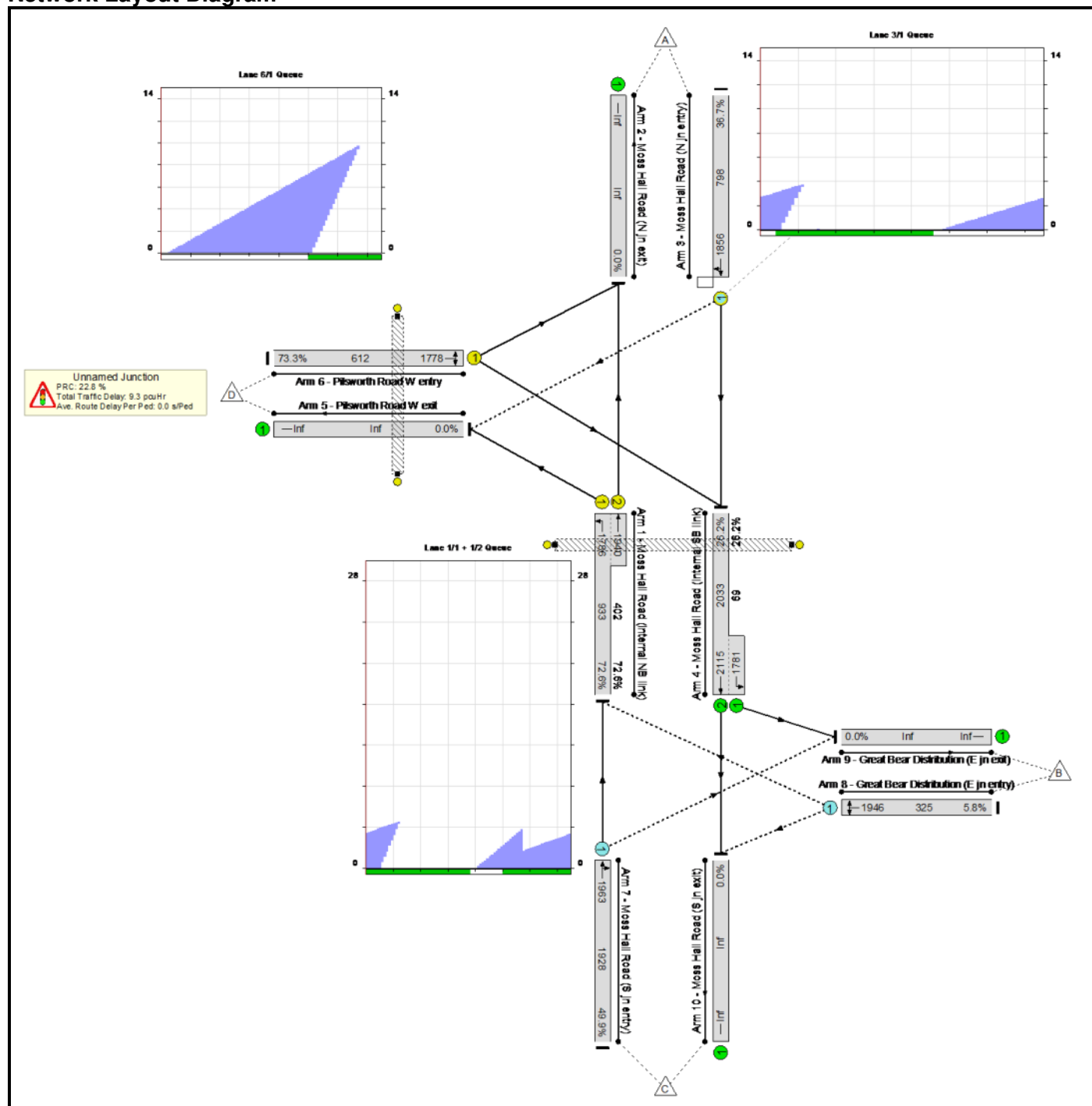
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	78.4%	155	10	1	12.4	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	78.4%	155	10	1	12.4	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:40	-	982	1786:1940	836+417	78.4 : 78.4%	-	-	-	3.5	13.0	8.7
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	49	4	403	1846	633	63.7%	118	10	1	2.8	25.0	8.5
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	714	2115:1781	2069+38	33.9 : 33.9%	-	-	-	0.3	1.3	0.3
6/1	Pilsworth Road W entry Left Right	U	C		1	31	-	489	1768	629	77.8%	-	-	-	5.2	38.4	12.6
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	982	1963	1903	51.6%	12	0	0	0.5	2.0	0.5
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	25	1899	355	7.0%	25	0	0	0.0	5.5	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		14.8		14.8	Total Delay for Signalled Lanes (pcuHr):				11.56	Cycle Time (s):		90		
			PRC Over All Lanes (%):					Total Delay Over All Lanes(pcuHr):				12.39					

Basic Results Summary

Scenario 18: '2038 PM + Dev' (FG18: '2038 PM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

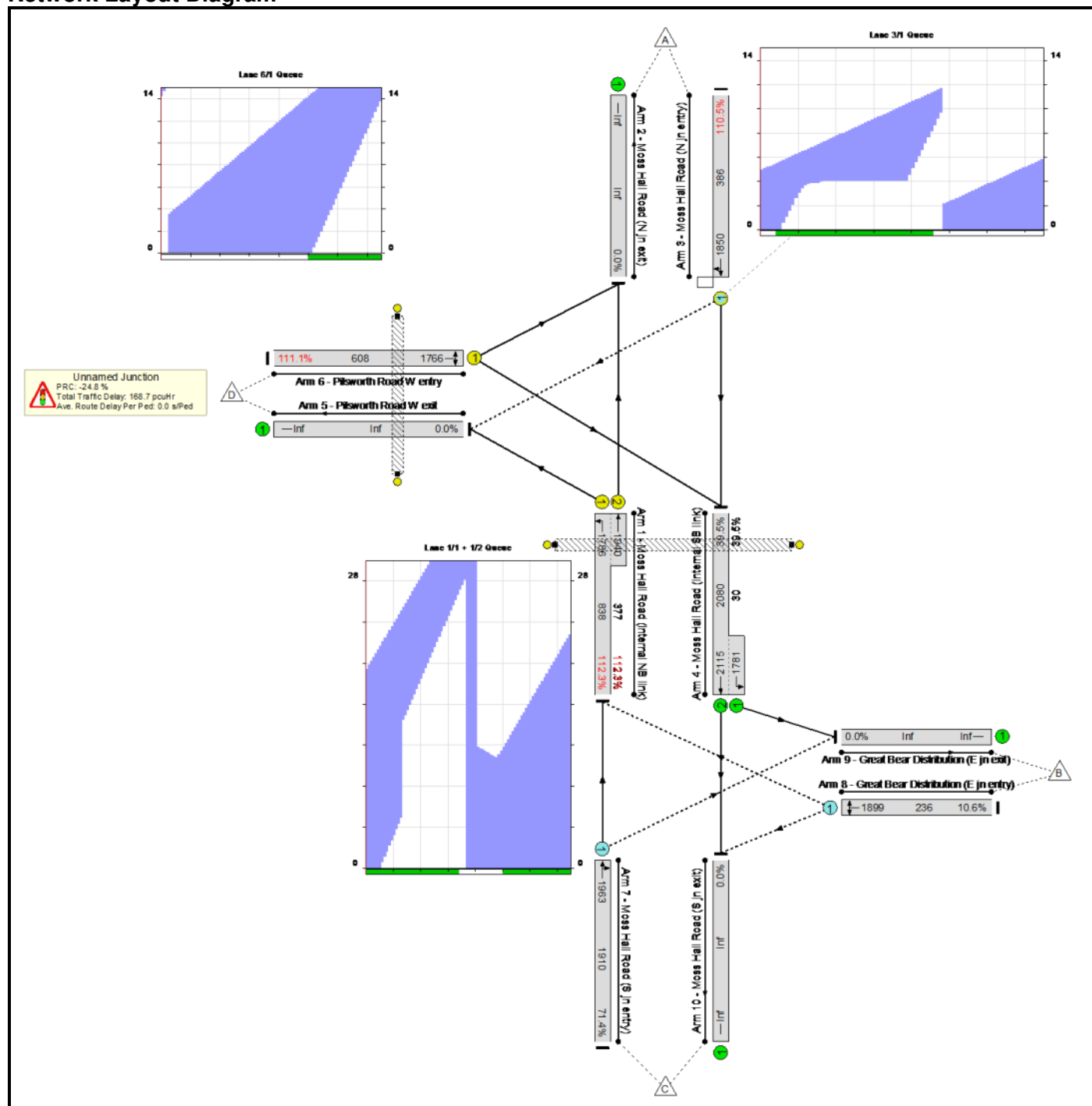
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	73.3%	101	6	1	9.3	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	73.3%	101	6	1	9.3	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	76:41	-	970	1786:1940	933+402	72.6 : 72.6%	-	-	-	2.8	10.5	5.9
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	50	4	293	1856	798	36.7%	74	6	1	1.2	15.1	4.0
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	550	2115:1781	2033+69	26.2 : 26.2%	-	-	-	0.2	1.2	0.2
6/1	Pilsworth Road W entry Left Right	U	C		1	30	-	449	1778	612	73.3%	-	-	-	4.6	36.7	11.1
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	962	1963	1928	49.9%	8	0	0	0.5	1.9	0.5
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	325	5.8%	19	0	0	0.0	5.9	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):		22.8		22.8	Total Delay for Signalled Lanes (pcuHr):				8.63	Cycle Time (s):		90		
			PRC Over All Lanes (%):					Total Delay Over All Lanes(pcuHr):				9.34					

Basic Results Summary

Scenario 19: '2038 AM + Comm + Dev' (FG19: '2038 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

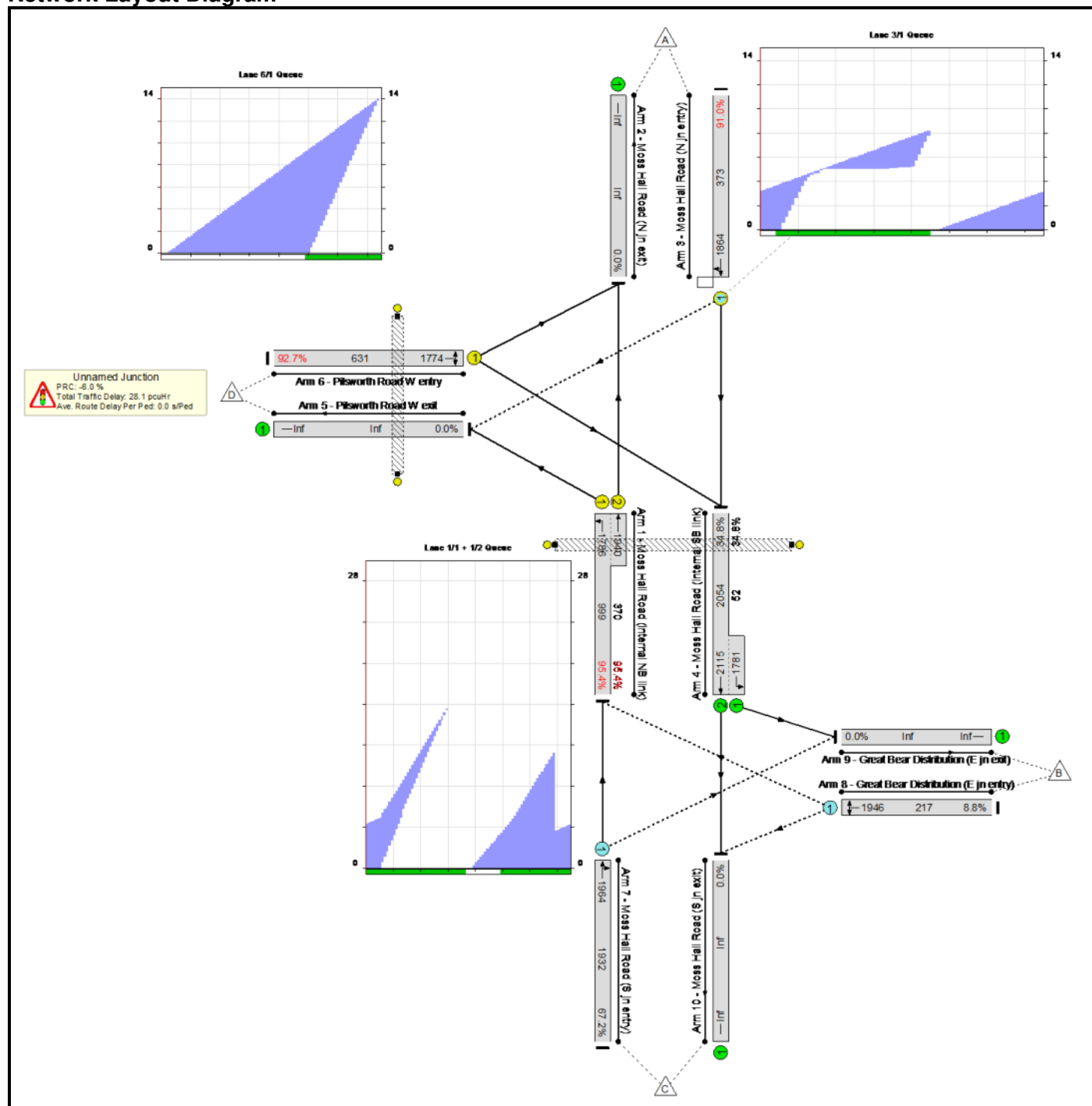


Network Results

Basic Results Summary

Scenario 20: '2038 PM + Comm + Dev' (FG20: '2038 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network: Pilsworth Road / Moss Hall Road	-	-	-		-	-	-	-	-	-	95.4%	36	71	1	28.1	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	95.4%	36	71	1	28.1	-	-
1/1+1/2	Moss Hall Road (internal NB link) Ahead Left	U	F B		1	75:39	-	1306	1786:1940	999+370	95.4 : 95.4%	-	-	-	11.0	30.3	24.1
3/1	Moss Hall Road (N jn entry) Ahead Right	O	A	G	1	49	5	339	1864	373	91.0%	9	71	1	6.0	63.8	12.3
4/2+4/1	Moss Hall Road (internal SB link) Left Ahead	U	-		-	-	-	732	2115:1781	2054+52	34.8 : 34.8%	-	-	-	0.3	1.3	0.3
6/1	Pilsworth Road W entry Left Right	U	C		1	31	-	585	1774	631	92.7%	-	-	-	9.7	59.9	19.2
7/1	Moss Hall Road (S jn entry) Ahead Right	O	-		-	-	-	1298	1964	1932	67.2%	8	0	0	1.0	2.8	1.0
8/1	Great Bear Distribution (E jn entry) Right Left	O	-		-	-	-	19	1946	217	8.8%	19	0	0	0.0	9.1	0.0
Ped Link: P1	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
Ped Link: P2	Unnamed Ped Link	-			0	0	-	0	-	0	0.0%	-	-	-	Inf	Inf	Inf
C1			PRC for Signalled Lanes (%):				-6.0	Total Delay for Signalled Lanes (pcuHr):				26.75	Cycle Time (s):		90		
			PRC Over All Lanes (%):				-6.0	Total Delay Over All Lanes(pcuHr):				28.08					



Appendix JHeywood Distribution Park Access PICADY Outputs

Junctions 10									
PICADY 10 - Priority Intersection Module									
Version: 10.0.4.1693 © Copyright TRL Software Limited, 2021									
For sales and distribution information, program advice and maintenance, contact TRL Software: +44 (0)1344 379777 software@trl.co.uk trlsoftware.com									
The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution									

Filename: 07290-M-05-B-Heywood Site Access.j10

Path: C:\PJA\Phil Jones Associates\SharedData - 07290 Heywood Distribution Park\A - TP\3. Technical\3.2 Modelling

Report generation date: 22/07/2024 10:07:41

»2024, AM
 »2024, PM
 »2038 + Comm, AM
 »2038 + Comm, PM
 »2038 + Dev, AM
 »2038 + Dev, PM
 »2038 + Comm + Dev, AM
 »2038 + Comm + Dev, PM
 »2031 + Comm, AM
 »2031 + Comm, PM
 »2031 + Dev, AM
 »2031 + Dev, PM
 »2031 + Comm + Dev, AM
 »2031 + Comm + Dev, PM
 »2026 + Comm, AM
 »2026 + Comm, PM
 »2026 + Dev, AM
 »2026 + Dev, PM
 »2026 + Comm + Dev, AM
 »2026 + Comm + Dev, PM

Summary of junction performance

	AM					PM				
	Set ID	Queue (PCU)	Delay (min)	RFC	LOS	Set ID	Queue (PCU)	Delay (min)	RFC	LOS
	2024									
Stream B-C	D1	0.2	0.15	0.10	A	D2	0.3	0.13	0.19	A
Stream B-A		0.3	0.27	0.17	C		0.4	0.20	0.27	B
Stream C-AB		0.3	0.13	0.23	A		0.2	0.15	0.10	A
	2038 + Comm									
Stream B-C	D3	0.2	0.18	0.12	B	D4	0.3	0.16	0.22	A
Stream B-A		0.6	0.60	0.31	E		0.7	0.36	0.41	C
Stream C-AB		0.4	0.15	0.26	A		0.2	0.18	0.11	B
	2038 + Dev									
Stream B-C	D5	1.4	0.33	0.49	C	D6	0.9	0.22	0.44	B
Stream B-A		7.5	1.92	0.90	F		1.6	0.43	0.62	D
Stream C-AB		0.9	0.19	0.45	B		0.4	0.17	0.23	B
	2038 + Comm + Dev									
Stream B-C	D7	0.6	0.26	0.28	C	D8	1.4	0.33	0.55	C
Stream B-A		8.2	3.89	0.98	F		7.5	2.08	0.94	F
Stream C-AB		1.1	0.24	0.50	B		0.5	0.19	0.25	B
	2031 + Comm									
Stream B-C	D9	0.2	0.16	0.11	A	D10	0.3	0.14	0.20	A
Stream B-A		0.4	0.38	0.22	C		0.5	0.26	0.33	C
Stream C-AB		0.4	0.14	0.25	A		0.2	0.16	0.10	A
	2031 + Dev									
Stream B-C	D11	0.4	0.18	0.22	B	D12	0.9	0.21	0.44	B
Stream B-A		1.1	0.50	0.46	D		1.5	0.41	0.61	C
Stream C-AB		0.9	0.19	0.45	B		0.4	0.17	0.23	B
	2031 + Comm + Dev									
Stream B-C		0.5	0.21	0.24	B		1.1	0.25	0.48	C

Stream B-A	D13	1.9	0.93	0.61	F	D14	2.6	0.71	0.73	E
Stream C-AB		1.0	0.21	0.47	B		0.5	0.18	0.24	B
	2026 + Comm									
Stream B-C	D15	0.2	0.16	0.10	A	D16	0.3	0.13	0.19	A
Stream B-A		0.3	0.30	0.18	C		0.4	0.21	0.29	B
Stream C-AB		0.4	0.13	0.24	A		0.2	0.16	0.10	A
	2026 + Dev									
Stream B-C	D17	0.4	0.18	0.22	B	D18	0.9	0.21	0.43	B
Stream B-A		1.0	0.48	0.44	D		1.5	0.40	0.60	C
Stream C-AB		0.9	0.19	0.45	B		0.4	0.17	0.23	A
	2026 + Comm + Dev									
Stream B-C	D19	0.4	0.19	0.22	B	D20	0.9	0.22	0.44	B
Stream B-A		1.2	0.55	0.48	D		1.7	0.45	0.63	D
Stream C-AB		0.9	0.20	0.45	B		0.4	0.17	0.23	B

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

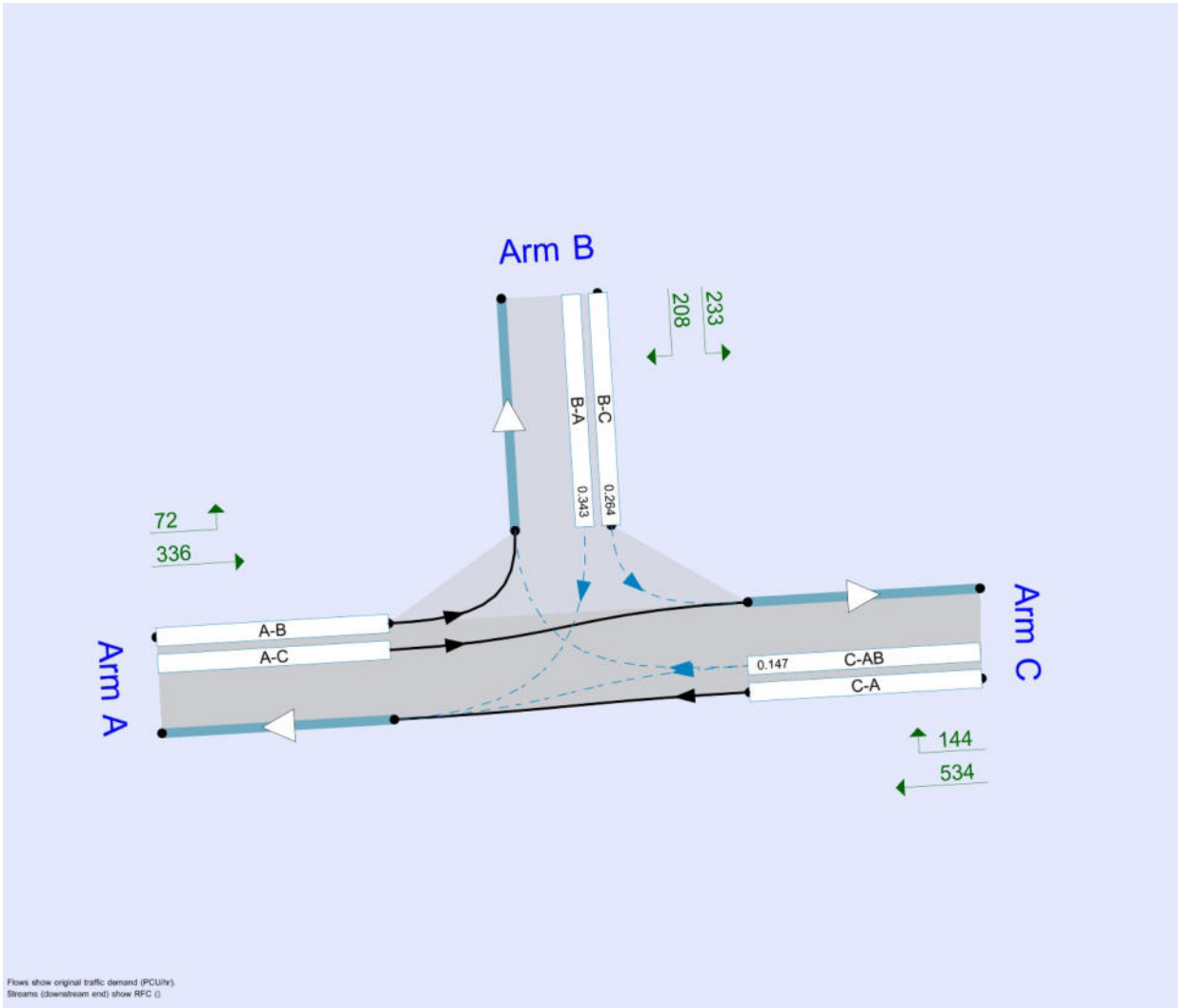
File summary

File Description

Title	
Location	
Site number	
Date	05/06/2024
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PJA/LucyKing
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	min	-Min	perMin



The junction diagram reflects the last run of Junctions.

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (min)	Queue threshold (PCU)
		0.85	0.60	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2024	AM	ONE HOUR	07:15	08:45	15
D2	2024	PM	ONE HOUR	16:15	17:45	15
D3	2038 + Comm	AM	ONE HOUR	07:15	08:45	15
D4	2038 + Comm	PM	ONE HOUR	16:15	17:45	15
D5	2038 + Dev	AM	ONE HOUR	07:15	08:45	15
D6	2038 + Dev	PM	ONE HOUR	16:15	17:45	15
D7	2038 + Comm + Dev	AM	ONE HOUR	07:15	08:45	15
D8	2038 + Comm + Dev	PM	ONE HOUR	16:15	17:45	15
D9	2031 + Comm	AM	ONE HOUR	07:15	08:45	15
D10	2031 + Comm	PM	ONE HOUR	16:15	17:45	15
D11	2031 + Dev	AM	ONE HOUR	07:15	08:45	15
D12	2031 + Dev	PM	ONE HOUR	16:15	17:45	15
D13	2031 + Comm + Dev	AM	ONE HOUR	07:15	08:45	15
D14	2031 + Comm + Dev	PM	ONE HOUR	16:15	17:45	15
D15	2026 + Comm	AM	ONE HOUR	07:15	08:45	15
D16	2026 + Comm	PM	ONE HOUR	16:15	17:45	15
D17	2026 + Dev	AM	ONE HOUR	07:15	08:45	15
D18	2026 + Dev	PM	ONE HOUR	16:15	17:45	15
D19	2026 + Comm + Dev	AM	ONE HOUR	07:15	08:45	15
D20	2026 + Comm + Dev	PM	ONE HOUR	16:15	17:45	15

Analysis Set Details

ID	Network flow scaling factor (%)

A1	100.000
----	---------

2024, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.03	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.03	A

Arms

Arms

Arm	Name	Description	Arm type
A	Pilsworth Road West		Major
B	Distribution Park access		Minor
C	Pilsworth Road East		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Width for right-turn storage (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	7.15		✓	3.65	250.0	✓	24.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane Width (Left) (m)	Lane Width (Right) (m)	Visibility to left (m)	Visibility to right (m)
B	Two lanes	4.73	4.73	75	104

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	650	0.112	0.284	0.179	0.406
B-C	809	0.118	0.298	-	-
C-B	832	0.306	0.306	-	-

The slopes and intercepts shown above include custom intercept adjustments only.
Streams may be combined, in which case capacity will be adjusted.
Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2024	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	413	100.000
B		✓	118	100.000
C		✓	755	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	141	272
	B	57	0	61
	C	609	146	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	11	5
	B	37	0	54
	C	3	16	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.10	0.15	0.2	A
B-A	0.17	0.27	0.3	C
C-AB	0.23	0.13	0.3	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	718	0.064	46	0.1	0.137	A
B-A	43	453	0.095	42	0.1	0.200	B
C-AB	110	737	0.149	109	0.2	0.111	A
C-A	458			458			
A-B	106			106			
A-C	205			205			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	699	0.079	55	0.1	0.143	A
B-A	51	415	0.124	51	0.2	0.226	B
C-AB	131	718	0.183	131	0.3	0.118	A
C-A	547			547			
A-B	127			127			
A-C	245			245			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	671	0.100	67	0.2	0.153	A
B-A	63	362	0.173	62	0.3	0.274	C
C-AB	161	693	0.232	160	0.3	0.131	A
C-A	671			671			
A-B	155			155			
A-C	299			299			

08:00 - 08:15

--	--	--	--	--	--	--	--

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	670	0.100	67	0.2	0.153	A
B-A	63	362	0.174	63	0.3	0.275	C
C-AB	161	693	0.232	161	0.3	0.131	A
C-A	671			671			
A-B	155			155			
A-C	299			299			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	698	0.079	55	0.1	0.144	A
B-A	51	415	0.124	52	0.2	0.227	B
C-AB	131	718	0.183	132	0.3	0.119	A
C-A	547			547			
A-B	127			127			
A-C	245			245			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	718	0.064	46	0.1	0.138	A
B-A	43	453	0.095	43	0.1	0.201	B
C-AB	110	737	0.149	110	0.2	0.111	A
C-A	458			458			
A-B	106			106			
A-C	205			205			

2024, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.04	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.04	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2024	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	328	100.000
B		✓	219	100.000
C		✓	549	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	23	305
	B	106	0	113
	C	485	64	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	21	1
	B	3	0	15
	C	2	68	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.19	0.13	0.3	A
B-A	0.27	0.20	0.4	B
C-AB	0.10	0.15	0.2	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	709	0.120	84	0.2	0.110	A
B-A	80	498	0.160	79	0.2	0.147	A
C-AB	48	757	0.064	48	0.1	0.142	A
C-A	365			365			
A-B	17			17			
A-C	230			230			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	688	0.148	101	0.2	0.118	A
B-A	95	468	0.204	95	0.3	0.165	A
C-AB	58	742	0.078	57	0.1	0.147	A
C-A	436			436			
A-B	21			21			
A-C	274			274			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	657	0.189	124	0.3	0.129	A
B-A	117	427	0.273	116	0.4	0.198	B
C-AB	70	722	0.098	70	0.2	0.155	A
C-A	534			534			
A-B	25			25			
A-C	336			336			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	657	0.189	124	0.3	0.130	A
B-A	117	427	0.273	117	0.4	0.199	B
C-AB	70	722	0.098	70	0.2	0.155	A
C-A	534			534			
A-B	25			25			
A-C	336			336			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	687	0.148	102	0.2	0.118	A
B-A	95	468	0.204	96	0.3	0.166	A
C-AB	58	742	0.078	58	0.1	0.147	A
C-A	436			436			
A-B	21			21			
A-C	274			274			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	708	0.120	85	0.2	0.111	A
B-A	80	498	0.160	80	0.2	0.148	A
C-AB	48	757	0.064	48	0.1	0.142	A
C-A	365			365			
A-B	17			17			
A-C	230			230			

2038 + Comm, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.03	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.03	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2038 + Comm	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	632	100.000
B		✓	118	100.000
C		✓	1226	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	141	491
	B	57	0	61
	C	1080	146	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	0	11	21
	B	37	0	54
	C	8	16	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.12	0.18	0.2	B
B-A	0.31	0.60	0.6	E
C-AB	0.26	0.15	0.4	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	665	0.069	45	0.1	0.149	A
B-A	43	343	0.125	42	0.2	0.273	C
C-AB	110	686	0.160	109	0.2	0.120	A
C-A	813			813			
A-B	106			106			
A-C	370			370			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	632	0.087	55	0.1	0.160	A
B-A	51	283	0.181	51	0.3	0.353	C
C-AB	131	658	0.199	131	0.3	0.132	A
C-A	971			971			
A-B	127			127			
A-C	441			441			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	579	0.116	67	0.2	0.180	B
B-A	63	200	0.313	62	0.6	0.587	E
C-AB	161	619	0.260	160	0.4	0.152	A
C-A	1189			1189			
A-B	155			155			
A-C	541			541			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	578	0.116	67	0.2	0.181	B
B-A	63	200	0.313	63	0.6	0.597	E
C-AB	161	619	0.260	161	0.4	0.152	A
C-A	1189			1189			
A-B	155			155			
A-C	541			541			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	631	0.087	55	0.1	0.160	A
B-A	51	283	0.181	52	0.3	0.359	C
C-AB	131	658	0.199	132	0.3	0.132	A
C-A	971			971			
A-B	127			127			
A-C	441			441			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	664	0.069	46	0.1	0.150	A
B-A	43	342	0.125	43	0.2	0.275	C
C-AB	110	686	0.160	110	0.2	0.121	A
C-A	813			813			
A-B	106			106			
A-C	370			370			

2038 + Comm, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.04	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.04	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2038 + Comm	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	555	100.000
B		✓	219	100.000
C		✓	904	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	23	532
	B	106	0	113
	C	840	64	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	21	7
	B	3	0	15
	C	11	68	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.22	0.16	0.3	A
B-A	0.41	0.36	0.7	C
C-AB	0.11	0.18	0.2	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	653	0.130	84	0.2	0.121	A
B-A	80	402	0.199	79	0.3	0.191	B
C-AB	48	704	0.068	48	0.1	0.153	A
C-A	632			632			
A-B	17			17			
A-C	401			401			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	619	0.164	101	0.2	0.133	A
B-A	95	353	0.270	95	0.4	0.239	B
C-AB	58	679	0.085	57	0.2	0.162	A
C-A	755			755			
A-B	21			21			
A-C	478			478			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	566	0.220	124	0.3	0.156	A
B-A	117	286	0.407	115	0.7	0.359	C
C-AB	70	645	0.109	70	0.2	0.175	B
C-A	925			925			
A-B	25			25			
A-C	586			586			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	566	0.220	124	0.3	0.156	A
B-A	117	286	0.408	117	0.7	0.364	C
C-AB	70	645	0.109	70	0.2	0.175	B
C-A	925			925			
A-B	25			25			
A-C	586			586			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	618	0.164	102	0.2	0.134	A
B-A	95	353	0.270	97	0.4	0.242	B
C-AB	58	679	0.085	58	0.2	0.162	A
C-A	755			755			
A-B	21			21			
A-C	478			478			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	653	0.130	85	0.2	0.122	A
B-A	80	401	0.199	80	0.3	0.193	B
C-AB	48	704	0.068	48	0.1	0.154	A
C-A	632			632			
A-B	17			17			
A-C	401			401			

2038 + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.29	C

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.29	C

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2038 + Dev	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	550	100.000
B		✓	457	100.000
C		✓	921	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	257	293
	B	228	0	229
	C	657	264	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	11	5
	B	30	0	45
	C	3	15	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.49	0.33	1.4	C
B-A	0.90	1.92	7.5	F
C-AB	0.45	0.19	0.9	B
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	172	642	0.268	170	0.5	0.184	B
B-A	172	396	0.433	168	1.0	0.336	C
C-AB	199	705	0.282	197	0.4	0.135	A
C-A	495			495			
A-B	193			193			
A-C	221			221			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	206	597	0.345	205	0.7	0.221	B
B-A	205	346	0.592	202	1.7	0.528	D
C-AB	237	681	0.349	237	0.6	0.155	A
C-A	591			591			
A-B	231			231			
A-C	263			263			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	252	522	0.483	250	1.3	0.317	C
B-A	251	278	0.903	234	6.0	1.414	F
C-AB	291	647	0.449	289	0.9	0.192	B
C-A	723			723			
A-B	283			283			
A-C	323			323			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	252	511	0.493	252	1.4	0.335	C
B-A	251	278	0.904	245	7.5	1.924	F
C-AB	291	647	0.449	291	0.9	0.194	B
C-A	723			723			
A-B	283			283			
A-C	323			323			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	206	584	0.353	208	0.8	0.233	B
B-A	205	346	0.593	227	2.1	0.744	E
C-AB	237	681	0.349	239	0.6	0.156	A
C-A	591			591			
A-B	231			231			
A-C	263			263			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	172	638	0.270	173	0.5	0.188	B
B-A	172	395	0.434	176	1.0	0.361	C
C-AB	199	705	0.282	199	0.5	0.137	A
C-A	495			495			
A-B	193			193			
A-C	221			221			

2038 + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.11	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.11	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2038 + Dev	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	400	100.000
B		✓	441	100.000
C		✓	665	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	72	328
	B	208	0	233
	C	521	144	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	12	1
	B	3	0	17
	C	2	51	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.44	0.22	0.9	B
B-A	0.62	0.43	1.6	D
C-AB	0.23	0.17	0.4	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	667	0.263	174	0.4	0.142	A
B-A	157	460	0.341	155	0.5	0.201	B
C-AB	108	740	0.147	107	0.3	0.143	A
C-A	392			392			
A-B	54			54			
A-C	247			247			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	634	0.331	209	0.6	0.165	A
B-A	187	422	0.443	186	0.8	0.260	C
C-AB	129	722	0.179	129	0.3	0.153	A
C-A	468			468			
A-B	65			65			
A-C	295			295			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	584	0.440	255	0.9	0.213	B
B-A	229	371	0.617	226	1.6	0.418	D
C-AB	159	697	0.227	158	0.4	0.168	B
C-A	574			574			
A-B	79			79			
A-C	361			361			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	582	0.441	256	0.9	0.215	B
B-A	229	371	0.618	229	1.6	0.434	D
C-AB	159	697	0.227	159	0.4	0.168	B
C-A	574			574			
A-B	79			79			
A-C	361			361			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	632	0.332	211	0.6	0.167	B
B-A	187	422	0.443	190	0.8	0.270	C
C-AB	129	722	0.179	130	0.3	0.153	A
C-A	468			468			
A-B	65			65			
A-C	295			295			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	665	0.264	176	0.4	0.144	A
B-A	157	459	0.341	158	0.5	0.206	B
C-AB	108	740	0.147	109	0.3	0.144	A
C-A	392			392			
A-B	54			54			
A-C	247			247			

2038 + Comm + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.24	B

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.24	B

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D7	2038 + Comm + Dev	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	748	100.000
B		✓	237	100.000
C		✓	1344	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	257	491
	B	118	0	119
	C	1080	264	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	11	21
	B	30	0	45
	C	8	15	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.28	0.26	0.6	C
B-A	0.98	3.89	8.2	F
C-AB	0.50	0.24	1.1	B
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	625	0.143	89	0.2	0.162	A
B-A	89	297	0.299	87	0.5	0.367	C
C-AB	199	660	0.301	197	0.5	0.148	A
C-A	813			813			
A-B	193			193			
A-C	370			370			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	573	0.187	107	0.3	0.187	B
B-A	106	228	0.466	104	1.1	0.620	E
C-AB	237	626	0.379	237	0.7	0.177	B
C-A	971			971			
A-B	231			231			
A-C	441			441			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	461	0.284	130	0.6	0.262	C
B-A	130	133	0.979	111	5.7	2.604	F
C-AB	291	580	0.501	289	1.1	0.236	B
C-A	1189			1189			
A-B	283			283			
A-C	541			541			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	461	0.284	131	0.6	0.264	C
B-A	130	132	0.984	120	8.2	3.888	F
C-AB	291	580	0.501	291	1.1	0.238	B
C-A	1189			1189			
A-B	283			283			
A-C	541			541			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	551	0.194	108	0.4	0.197	B
B-A	106	227	0.468	134	1.3	1.027	F
C-AB	237	626	0.379	239	0.7	0.179	B
C-A	971			971			
A-B	231			231			
A-C	441			441			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	622	0.144	90	0.2	0.164	A
B-A	89	296	0.300	92	0.6	0.386	C
C-AB	199	660	0.301	200	0.5	0.150	A
C-A	813			813			
A-B	193			193			
A-C	370			370			

2038 + Comm + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.26	C

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.26	C

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D8	2038 + Comm + Dev	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	604	100.000
B		✓	441	100.000
C		✓	984	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	72	532
	B	208	0	233
	C	840	144	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
From		A	B	C
	A	0	12	7
	B	3	0	17
	C	11	51	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.55	0.33	1.4	C
B-A	0.94	2.08	7.5	F
C-AB	0.25	0.19	0.5	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	611	0.287	174	0.5	0.160	A
B-A	157	373	0.420	154	0.7	0.278	C
C-AB	108	693	0.156	107	0.3	0.154	A
C-A	632			632			
A-B	54			54			
A-C	401			401			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	561	0.374	209	0.7	0.199	B
B-A	187	319	0.587	184	1.4	0.451	D
C-AB	129	666	0.194	129	0.4	0.169	B
C-A	755			755			
A-B	65			65			
A-C	478			478			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	475	0.540	254	1.3	0.314	C
B-A	229	244	0.938	211	5.8	1.440	F
C-AB	159	628	0.252	158	0.5	0.192	B
C-A	925			925			
A-B	79			79			
A-C	586			586			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	469	0.547	256	1.4	0.330	C
B-A	229	244	0.939	222	7.5	2.077	F
C-AB	159	628	0.252	159	0.5	0.193	B
C-A	925			925			
A-B	79			79			
A-C	586			586			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	547	0.383	212	0.7	0.211	B
B-A	187	318	0.587	211	1.6	0.672	E
C-AB	129	666	0.194	130	0.4	0.169	B
C-A	755			755			
A-B	65			65			
A-C	478			478			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	608	0.288	176	0.5	0.163	A
B-A	157	372	0.421	160	0.8	0.295	C
C-AB	108	693	0.156	109	0.3	0.155	A
C-A	632			632			
A-B	54			54			
A-C	401			401			

2031 + Comm, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.03	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.03	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D9	2031 + Comm	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	523	100.000
B		✓	118	100.000
C		✓	992	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	141	382
	B	57	0	61
	C	846	146	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	11	15
	B	37	0	54
	C	6	16	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.11	0.16	0.2	A
B-A	0.22	0.38	0.4	C
C-AB	0.25	0.14	0.4	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	692	0.066	45	0.1	0.143	A
B-A	43	398	0.108	42	0.2	0.231	B
C-AB	110	712	0.154	109	0.2	0.115	A
C-A	637			637			
A-B	106			106			
A-C	288			288			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	666	0.082	55	0.1	0.151	A
B-A	51	349	0.147	51	0.2	0.276	C
C-AB	131	688	0.191	131	0.3	0.125	A
C-A	761			761			
A-B	127			127			
A-C	343			343			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	628	0.107	67	0.2	0.165	A
B-A	63	281	0.224	62	0.4	0.375	C
C-AB	161	656	0.245	160	0.4	0.140	A
C-A	931			931			
A-B	155			155			
A-C	421			421			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	627	0.107	67	0.2	0.165	A
B-A	63	281	0.224	63	0.4	0.377	C
C-AB	161	656	0.245	161	0.4	0.141	A
C-A	931			931			
A-B	155			155			
A-C	421			421			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	665	0.082	55	0.1	0.151	A
B-A	51	348	0.147	52	0.2	0.278	C
C-AB	131	688	0.191	132	0.3	0.125	A
C-A	761			761			
A-B	127			127			
A-C	343			343			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	691	0.066	46	0.1	0.143	A
B-A	43	397	0.108	43	0.2	0.232	B
C-AB	110	712	0.154	110	0.2	0.116	A
C-A	637			637			
A-B	106			106			
A-C	288			288			

2031 + Comm, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.04	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.04	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D10	2031 + Comm	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	443	100.000
B		✓	219	100.000
C		✓	728	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	23	420
	B	106	0	113
	C	664	64	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	21	5
	B	3	0	15
	C	7	68	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.20	0.14	0.3	A
B-A	0.33	0.26	0.5	C
C-AB	0.10	0.16	0.2	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	681	0.125	84	0.2	0.116	A
B-A	80	449	0.178	79	0.2	0.167	A
C-AB	48	730	0.066	48	0.1	0.148	A
C-A	500			500			
A-B	17			17			
A-C	316			316			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	653	0.156	101	0.2	0.125	A
B-A	95	410	0.232	95	0.3	0.196	B
C-AB	58	710	0.081	57	0.1	0.154	A
C-A	597			597			
A-B	21			21			
A-C	378			378			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	613	0.203	124	0.3	0.141	A
B-A	117	356	0.328	116	0.5	0.257	C
C-AB	70	683	0.103	70	0.2	0.165	A
C-A	731			731			
A-B	25			25			
A-C	462			462			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	612	0.203	124	0.3	0.141	A
B-A	117	356	0.328	117	0.5	0.258	C
C-AB	70	683	0.103	70	0.2	0.165	A
C-A	731			731			
A-B	25			25			
A-C	462			462			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	653	0.156	102	0.2	0.125	A
B-A	95	410	0.232	96	0.3	0.197	B
C-AB	58	710	0.081	58	0.1	0.155	A
C-A	597			597			
A-B	21			21			
A-C	378			378			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	680	0.125	85	0.2	0.116	A
B-A	80	449	0.178	80	0.2	0.168	B
C-AB	48	730	0.066	48	0.1	0.148	A
C-A	500			500			
A-B	17			17			
A-C	316			316			

2031 + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.08	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.08	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D11	2031 + Dev	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	540	100.000
B		✓	237	100.000
C		✓	899	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	257	283
	B	118	0	119
	C	635	264	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	0	11	5
	B	30	0	45
	C	3	15	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.22	0.18	0.4	B
B-A	0.46	0.50	1.1	D
C-AB	0.45	0.19	0.9	B
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	683	0.131	89	0.2	0.146	A
B-A	89	402	0.221	87	0.4	0.247	B
C-AB	199	708	0.281	197	0.4	0.135	A
C-A	478			478			
A-B	193			193			
A-C	213			213			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	652	0.164	107	0.3	0.159	A
B-A	106	353	0.301	105	0.5	0.315	C
C-AB	237	683	0.347	237	0.6	0.154	A
C-A	571			571			
A-B	231			231			
A-C	254			254			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	604	0.217	131	0.4	0.184	B
B-A	130	286	0.455	128	1.0	0.489	D
C-AB	291	650	0.447	289	0.9	0.191	B
C-A	699			699			
A-B	283			283			
A-C	312			312			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	602	0.217	131	0.4	0.185	B
B-A	130	285	0.456	130	1.1	0.501	D
C-AB	291	650	0.447	291	0.9	0.192	B
C-A	699			699			
A-B	283			283			
A-C	312			312			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	651	0.164	107	0.3	0.160	A
B-A	106	352	0.302	108	0.6	0.322	C
C-AB	237	683	0.347	239	0.6	0.156	A
C-A	571			571			
A-B	231			231			
A-C	254			254			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	681	0.131	90	0.2	0.147	A
B-A	89	401	0.222	90	0.4	0.252	C
C-AB	199	708	0.281	199	0.5	0.136	A
C-A	478			478			
A-B	193			193			
A-C	213			213			

2031 + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.11	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.11	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D12	2031 + Dev	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	389	100.000
B		✓	441	100.000
C		✓	649	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	72	317
	B	208	0	233
	C	505	144	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	12	1
	B	3	0	17
	C	2	51	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.44	0.21	0.9	B
B-A	0.61	0.41	1.5	C
C-AB	0.23	0.17	0.4	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	670	0.262	174	0.4	0.141	A
B-A	157	464	0.337	155	0.5	0.198	B
C-AB	108	742	0.146	107	0.3	0.142	A
C-A	380			380			
A-B	54			54			
A-C	239			239			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	637	0.329	209	0.6	0.164	A
B-A	187	428	0.437	186	0.8	0.255	C
C-AB	129	725	0.179	129	0.3	0.152	A
C-A	454			454			
A-B	65			65			
A-C	285			285			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	589	0.436	255	0.9	0.210	B
B-A	229	378	0.607	226	1.5	0.401	C
C-AB	159	701	0.226	158	0.4	0.167	B
C-A	556			556			
A-B	79			79			
A-C	349			349			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	587	0.437	256	0.9	0.212	B
B-A	229	377	0.607	229	1.5	0.415	C
C-AB	159	701	0.226	159	0.4	0.167	B
C-A	556			556			
A-B	79			79			
A-C	349			349			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	635	0.330	211	0.6	0.166	A
B-A	187	427	0.438	190	0.8	0.263	C
C-AB	129	725	0.179	130	0.3	0.152	A
C-A	454			454			
A-B	65			65			
A-C	285			285			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	668	0.262	176	0.4	0.143	A
B-A	157	464	0.338	158	0.5	0.203	B
C-AB	108	742	0.146	109	0.3	0.143	A
C-A	380			380			
A-B	54			54			
A-C	239			239			

2031 + Comm + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.10	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.10	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D13	2031 + Comm + Dev	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	639	100.000
B		✓	237	100.000
C		✓	1110	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	257	382
	B	118	0	119
	C	846	264	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	11	15
	B	30	0	45
	C	6	15	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.24	0.21	0.5	B
B-A	0.61	0.93	1.9	F
C-AB	0.47	0.21	1.0	B
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	656	0.137	89	0.2	0.153	A
B-A	89	352	0.252	87	0.4	0.293	C
C-AB	199	685	0.290	197	0.5	0.141	A
C-A	637			637			
A-B	193			193			
A-C	288			288			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	617	0.173	107	0.3	0.170	B
B-A	106	293	0.362	105	0.7	0.412	C
C-AB	237	656	0.362	237	0.6	0.164	A
C-A	761			761			
A-B	231			231			
A-C	343			343			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	549	0.239	130	0.4	0.208	B
B-A	130	213	0.610	126	1.8	0.855	F
C-AB	291	617	0.471	289	1.0	0.210	B
C-A	931			931			
A-B	283			283			
A-C	421			421			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	545	0.240	131	0.5	0.210	B
B-A	130	212	0.612	129	1.9	0.928	F
C-AB	291	617	0.471	291	1.0	0.212	B
C-A	931			931			
A-B	283			283			
A-C	421			421			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	613	0.174	108	0.3	0.172	B
B-A	106	292	0.363	111	0.8	0.439	D
C-AB	237	656	0.362	239	0.7	0.166	A
C-A	761			761			
A-B	231			231			
A-C	343			343			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	655	0.137	90	0.2	0.154	A
B-A	89	351	0.253	90	0.5	0.301	C
C-AB	199	685	0.290	199	0.5	0.142	A
C-A	637			637			
A-B	193			193			
A-C	288			288			

2031 + Comm + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.13	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.13	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D14	2031 + Comm + Dev	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	492	100.000
B		✓	441	100.000
C		✓	808	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	72	420
	B	208	0	233
	C	664	144	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	12	5
	B	3	0	17
	C	7	51	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.48	0.25	1.1	C
B-A	0.73	0.71	2.6	E
C-AB	0.24	0.18	0.5	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	642	0.273	174	0.4	0.149	A
B-A	157	421	0.372	154	0.6	0.230	B
C-AB	108	719	0.151	107	0.3	0.148	A
C-A	500			500			
A-B	54			54			
A-C	316			316			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	602	0.348	209	0.6	0.178	B
B-A	187	376	0.498	185	1.0	0.322	C
C-AB	129	697	0.186	129	0.3	0.160	A
C-A	597			597			
A-B	65			65			
A-C	378			378			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	539	0.476	255	1.0	0.246	B
B-A	229	314	0.729	223	2.4	0.645	E
C-AB	159	666	0.238	158	0.5	0.178	B
C-A	731			731			
A-B	79			79			
A-C	462			462			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	536	0.479	256	1.1	0.251	C
B-A	229	314	0.730	228	2.6	0.710	E
C-AB	159	666	0.238	159	0.5	0.178	B
C-A	731			731			
A-B	79			79			
A-C	462			462			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	598	0.350	211	0.6	0.182	B
B-A	187	375	0.498	193	1.1	0.349	C
C-AB	129	697	0.186	130	0.3	0.160	A
C-A	597			597			
A-B	65			65			
A-C	378			378			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	640	0.274	176	0.4	0.151	A
B-A	157	420	0.373	158	0.6	0.238	B
C-AB	108	719	0.151	109	0.3	0.149	A
C-A	500			500			
A-B	54			54			
A-C	316			316			

2026 + Comm, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.03	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.03	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D15	2026 + Comm	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	443	100.000
B		✓	118	100.000
C		✓	820	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	141	302
	B	57	0	61
	C	674	146	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	11	9
	B	37	0	54
	C	4	16	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.10	0.16	0.2	A
B-A	0.18	0.30	0.3	C
C-AB	0.24	0.13	0.4	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	711	0.065	46	0.1	0.139	A
B-A	43	438	0.098	42	0.1	0.207	B
C-AB	110	730	0.151	109	0.2	0.112	A
C-A	507			507			
A-B	106			106			
A-C	227			227			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	690	0.080	55	0.1	0.145	A
B-A	51	397	0.129	51	0.2	0.238	B
C-AB	131	710	0.185	131	0.3	0.120	A
C-A	606			606			
A-B	127			127			
A-C	271			271			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	659	0.102	67	0.2	0.156	A
B-A	63	340	0.185	62	0.3	0.296	C
C-AB	161	683	0.235	160	0.4	0.133	A
C-A	742			742			
A-B	155			155			
A-C	333			333			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	67	659	0.102	67	0.2	0.156	A
B-A	63	339	0.185	63	0.3	0.297	C
C-AB	161	683	0.235	161	0.4	0.133	A
C-A	742			742			
A-B	155			155			
A-C	333			333			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	55	689	0.080	55	0.1	0.146	A
B-A	51	396	0.129	52	0.2	0.239	B
C-AB	131	710	0.185	132	0.3	0.120	A
C-A	606			606			
A-B	127			127			
A-C	271			271			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	46	710	0.065	46	0.1	0.139	A
B-A	43	438	0.098	43	0.2	0.208	B
C-AB	110	730	0.151	110	0.2	0.112	A
C-A	507			507			
A-B	106			106			
A-C	227			227			

2026 + Comm, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.04	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.04	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D16	2026 + Comm	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	359	100.000
B		✓	219	100.000
C		✓	598	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	23	336
	B	106	0	113
	C	534	64	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	21	2
	B	3	0	15
	C	4	68	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.19	0.13	0.3	A
B-A	0.29	0.21	0.4	B
C-AB	0.10	0.16	0.2	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	701	0.121	84	0.2	0.112	A
B-A	80	485	0.165	79	0.2	0.152	A
C-AB	48	749	0.064	48	0.1	0.144	A
C-A	402			402			
A-B	17			17			
A-C	253			253			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	678	0.150	101	0.2	0.120	A
B-A	95	452	0.211	95	0.3	0.173	B
C-AB	58	733	0.078	57	0.1	0.149	A
C-A	480			480			
A-B	21			21			
A-C	302			302			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	645	0.193	124	0.3	0.132	A
B-A	117	408	0.286	116	0.4	0.211	B
C-AB	70	711	0.099	70	0.2	0.157	A
C-A	588			588			
A-B	25			25			
A-C	370			370			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	124	645	0.193	124	0.3	0.132	A
B-A	117	408	0.286	117	0.4	0.212	B
C-AB	70	711	0.099	70	0.2	0.157	A
C-A	588			588			
A-B	25			25			
A-C	370			370			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	102	678	0.150	102	0.2	0.120	A
B-A	95	452	0.211	96	0.3	0.174	B
C-AB	58	733	0.078	58	0.1	0.149	A
C-A	480			480			
A-B	21			21			
A-C	302			302			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	85	701	0.121	85	0.2	0.112	A
B-A	80	485	0.165	80	0.2	0.153	A
C-AB	48	749	0.064	48	0.1	0.144	A
C-A	402			402			
A-B	17			17			
A-C	253			253			

2026 + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.08	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.08	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D17	2026 + Dev	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	531	100.000
B		✓	237	100.000
C		✓	878	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	257	274
	B	118	0	119
	C	614	264	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	0	11	5
	B	30	0	45
	C	3	15	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.22	0.18	0.4	B
B-A	0.44	0.48	1.0	D
C-AB	0.45	0.19	0.9	B
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	685	0.131	89	0.2	0.146	A
B-A	89	406	0.219	87	0.4	0.244	B
C-AB	199	710	0.280	197	0.4	0.134	A
C-A	462			462			
A-B	193			193			
A-C	206			206			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	655	0.163	107	0.3	0.159	A
B-A	106	358	0.296	105	0.5	0.308	C
C-AB	237	686	0.346	237	0.6	0.153	A
C-A	552			552			
A-B	231			231			
A-C	246			246			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	608	0.215	131	0.4	0.182	B
B-A	130	293	0.444	128	1.0	0.469	D
C-AB	291	653	0.445	289	0.9	0.189	B
C-A	676			676			
A-B	283			283			
A-C	302			302			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	607	0.216	131	0.4	0.183	B
B-A	130	292	0.445	130	1.0	0.480	D
C-AB	291	653	0.445	291	0.9	0.190	B
C-A	676			676			
A-B	283			283			
A-C	302			302			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	654	0.164	107	0.3	0.159	A
B-A	106	357	0.297	108	0.6	0.315	C
C-AB	237	686	0.346	239	0.6	0.155	A
C-A	552			552			
A-B	231			231			
A-C	246			246			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	684	0.131	90	0.2	0.147	A
B-A	89	405	0.219	90	0.4	0.248	B
C-AB	199	710	0.280	199	0.5	0.135	A
C-A	462			462			
A-B	193			193			
A-C	206			206			

2026 + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.11	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.11	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D18	2026 + Dev	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	379	100.000
B		✓	441	100.000
C		✓	632	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	72	307
	B	208	0	233
	C	488	144	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	12	1
	B	3	0	17
	C	2	51	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.43	0.21	0.9	B
B-A	0.60	0.40	1.5	C
C-AB	0.23	0.17	0.4	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	672	0.261	174	0.4	0.140	A
B-A	157	469	0.334	155	0.5	0.196	B
C-AB	108	745	0.146	107	0.3	0.142	A
C-A	367			367			
A-B	54			54			
A-C	231			231			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	641	0.327	209	0.6	0.162	A
B-A	187	433	0.432	186	0.8	0.249	B
C-AB	129	728	0.178	129	0.3	0.151	A
C-A	439			439			
A-B	65			65			
A-C	276			276			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	593	0.432	255	0.9	0.207	B
B-A	229	384	0.596	226	1.4	0.385	C
C-AB	159	704	0.225	158	0.4	0.166	A
C-A	537			537			
A-B	79			79			
A-C	338			338			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	592	0.433	256	0.9	0.209	B
B-A	229	384	0.597	229	1.5	0.397	C
C-AB	159	704	0.225	159	0.4	0.166	A
C-A	537			537			
A-B	79			79			
A-C	338			338			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	639	0.328	211	0.6	0.164	A
B-A	187	433	0.432	190	0.8	0.257	C
C-AB	129	728	0.178	130	0.3	0.152	A
C-A	439			439			
A-B	65			65			
A-C	276			276			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	671	0.261	176	0.4	0.142	A
B-A	157	468	0.335	158	0.5	0.200	B
C-AB	108	745	0.146	109	0.3	0.143	A
C-A	367			367			
A-B	54			54			
A-C	231			231			

2026 + Comm + Dev, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.08	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.08	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D19	2026 + Comm + Dev	AM	ONE HOUR	07:15	08:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	559	100.000
B		✓	237	100.000
C		✓	938	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	257	302
	B	118	0	119
	C	674	264	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	11	9
	B	30	0	45
	C	4	15	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.22	0.19	0.4	B
B-A	0.48	0.55	1.2	D
C-AB	0.45	0.20	0.9	B
C-A				
A-B				
A-C				

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	678	0.132	89	0.2	0.147	A
B-A	89	392	0.227	87	0.4	0.255	C
C-AB	199	703	0.283	197	0.4	0.136	A
C-A	507			507			
A-B	193			193			
A-C	227			227			

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	646	0.166	107	0.3	0.161	A
B-A	106	341	0.311	105	0.6	0.329	C
C-AB	237	678	0.350	237	0.6	0.156	A
C-A	606			606			
A-B	231			231			
A-C	271			271			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	594	0.220	131	0.4	0.187	B
B-A	130	272	0.478	128	1.1	0.533	D
C-AB	291	644	0.452	289	0.9	0.194	B
C-A	742			742			
A-B	283			283			
A-C	333			333			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	131	593	0.221	131	0.4	0.188	B
B-A	130	271	0.479	130	1.2	0.549	D
C-AB	291	644	0.452	291	0.9	0.195	B
C-A	742			742			
A-B	283			283			
A-C	333			333			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	107	644	0.166	107	0.3	0.162	A
B-A	106	341	0.311	108	0.6	0.339	C
C-AB	237	678	0.350	239	0.6	0.157	A
C-A	606			606			
A-B	231			231			
A-C	271			271			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	90	676	0.132	90	0.2	0.148	A
B-A	89	391	0.227	90	0.4	0.259	C
C-AB	199	703	0.283	199	0.5	0.137	A
C-A	507			507			
A-B	193			193			
A-C	227			227			

2026 + Comm + Dev, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (min)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.11	A

Junction Network

Driving side	Lighting	Network delay (min)	Network LOS
Left	Normal/unknown	0.11	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D20	2026 + Comm + Dev	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	408	100.000
B		✓	441	100.000
C		✓	678	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	72	336
	B	208	0	233
	C	534	144	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	12	2
	B	3	0	17
	C	4	51	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (min)	Max Queue (PCU)	Max LOS
B-C	0.44	0.22	0.9	B
B-A	0.63	0.45	1.7	D
C-AB	0.23	0.17	0.4	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	665	0.264	174	0.4	0.142	A
B-A	157	456	0.343	154	0.5	0.204	B
C-AB	108	738	0.147	107	0.3	0.143	A
C-A	402			402			
A-B	54			54			
A-C	253			253			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	631	0.332	209	0.6	0.166	A
B-A	187	418	0.447	186	0.8	0.265	C
C-AB	129	720	0.180	129	0.3	0.153	A
C-A	480			480			
A-B	65			65			
A-C	302			302			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	580	0.442	255	0.9	0.215	B
B-A	229	366	0.626	226	1.6	0.431	D
C-AB	159	695	0.228	158	0.4	0.169	B
C-A	588			588			
A-B	79			79			
A-C	370			370			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	257	578	0.444	256	0.9	0.218	B
B-A	229	366	0.626	229	1.7	0.449	D
C-AB	159	695	0.228	159	0.4	0.169	B
C-A	588			588			
A-B	79			79			
A-C	370			370			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	209	629	0.333	211	0.6	0.168	B
B-A	187	418	0.448	190	0.9	0.275	C
C-AB	129	720	0.180	130	0.3	0.154	A
C-A	480			480			
A-B	65			65			
A-C	302			302			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (min)	Unsignalised level of service
B-C	175	663	0.264	176	0.4	0.144	A
B-A	157	456	0.344	158	0.6	0.208	B
C-AB	108	738	0.147	109	0.3	0.144	A
C-A	402			402			
A-B	54			54			
A-C	253			253			



Appendix K Pilsworth Road / M66 Junction 3 LINSIG Outputs

Basic Results Summary

Basic Results Summary

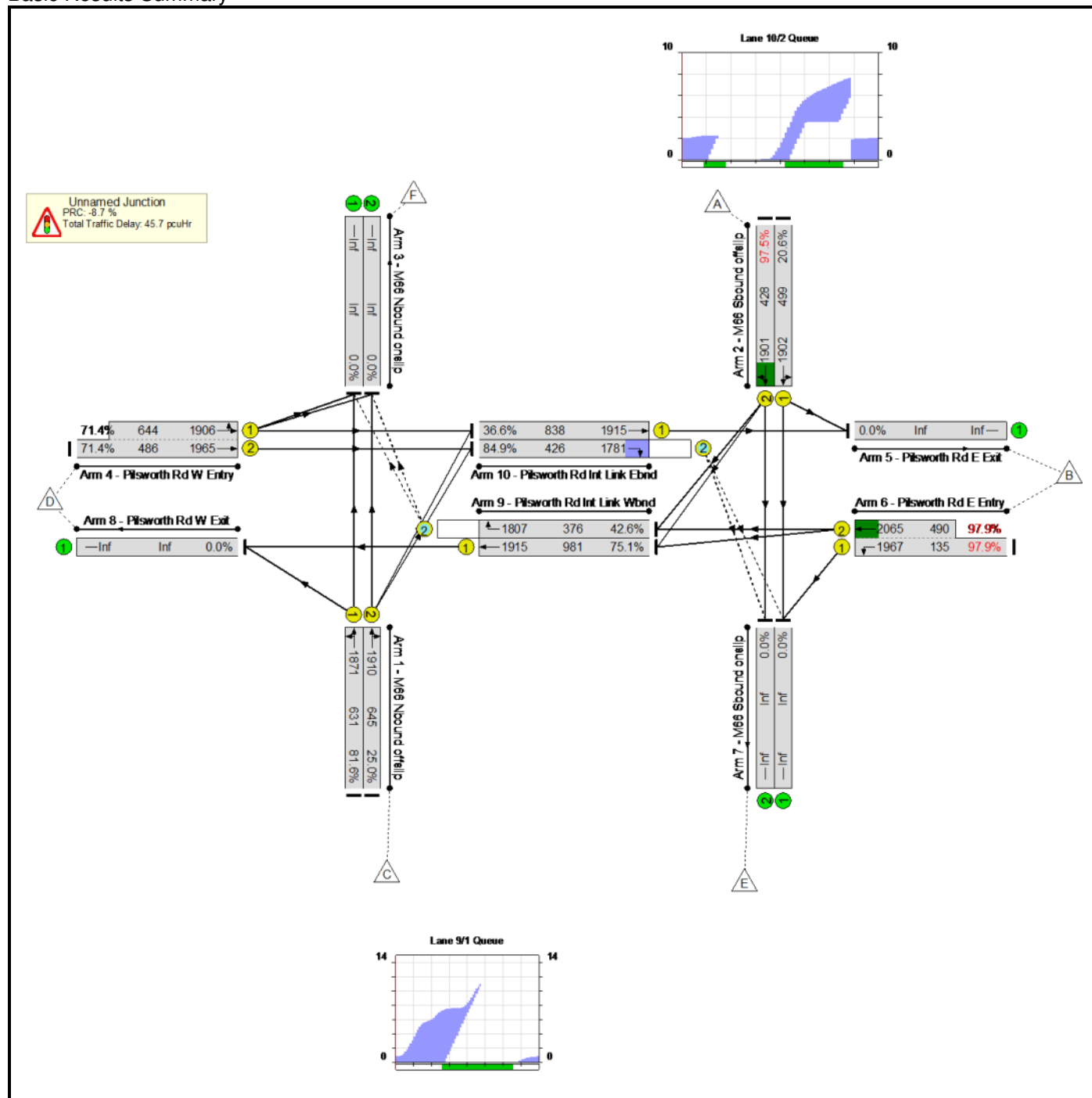
User and Project Details

Project:	Heywood Distribution Park, H4
Title:	M66 J3
Location:	
Additional detail:	
File name:	07290-M-04-C-M66 J3.lsg3x
Author:	Lucy King
Company:	PJA
Address:	

Scenario 1: '2024 AM Base' (FG1: '2024 AM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

Basic Results Summary



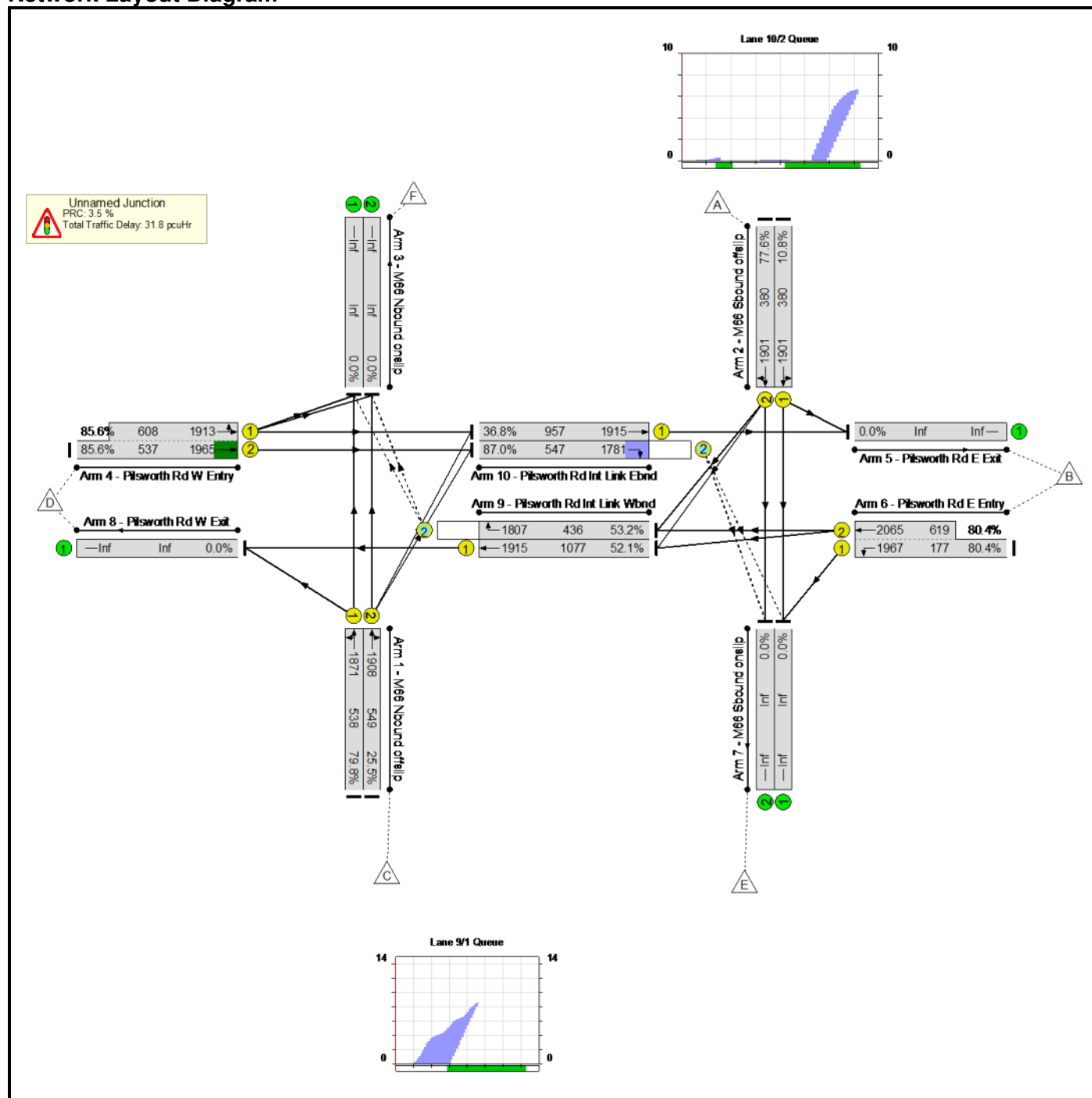
Network Results

C1	Stream: 1 PRC for Signalled Lanes (%):	-8.7	Total Delay for Signalled Lanes (pcuHr):	45.70	Cycle Time (s):	80
	PRC Over All Lanes (%):	-8.7	Total Delay Over All Lanes(pcuHr):	45.70		

Basic Results Summary

Scenario 2: '2024 PM Base' (FG2: '2024 PM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

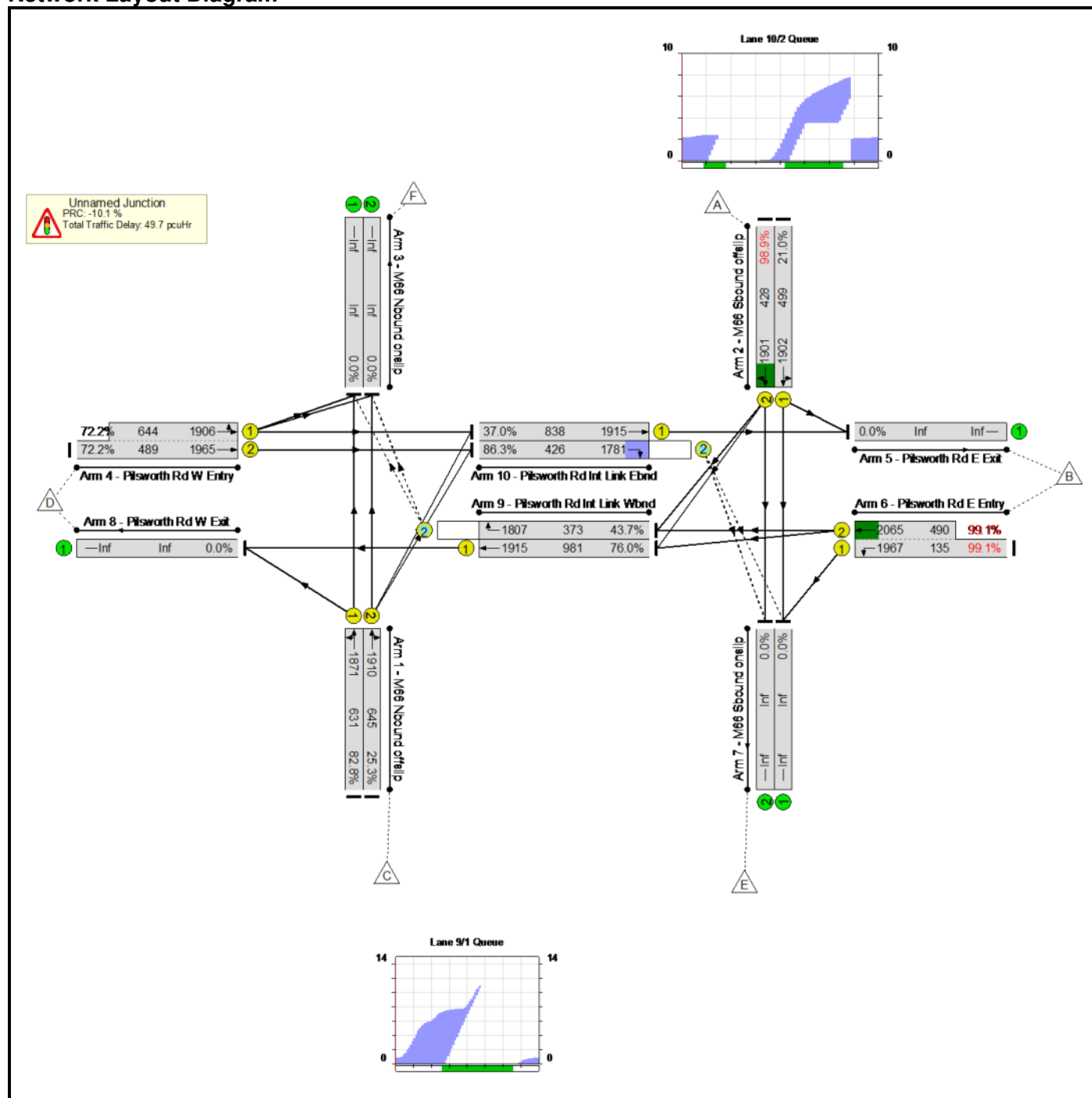
Network Results

Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)
Network	-	-	-		-	-	-	-	-	-	87.0%	86	510	113	31.8	-	-
Unnamed Junction	-	-	-		-	-	-	-	-	-	87.0%	86	510	113	31.8	-	-
1/1	M66 Nbound offslip Ahead Left	U	C		1	22	-	429	1871	538	79.8%	-	-	-	5.0	42.3	10.6
1/2	M66 Nbound offslip Ahead Right	U	C		1	22	-	140	1908	549	25.5%	-	-	-	1.0	26.3	2.5
2/1	M66 Sbound offslip Left Ahead	U	G		2	14	-	41	1901	380	10.8%	-	-	-	0.2	20.3	0.6
2/2	M66 Sbound offslip Ahead Right	U	G		2	14	-	295	1901	380	77.6%	-	-	-	3.1	37.8	5.9
4/2+4/1	Pilsworth Rd W Entry Left Ahead	U	A		1	28	-	981	1965:1913	537+608	85.6 : 85.6%	-	-	-	9.4	34.4	13.0
6/1+6/2	Pilsworth Rd E Entry Left Ahead	U	E		2	22	-	640	1967:2065	177+619	80.4 : 80.4%	-	-	-	4.9	27.4	8.1
9/1	Pilsworth Rd Int Link Wbnd Ahead	U	B		1	44	-	561	1915	1077	52.1%	-	-	-	1.9	12.0	9.2
9/2	Pilsworth Rd Int Link Wbnd Right	O	B	D	1	44	12	232	1807	436	53.2%	30	198	4	1.4	21.8	2.2
10/1	Pilsworth Rd Int Link Ebnd Ahead	U	F		2	38	-	352	1915	957	36.8%	-	-	-	0.5	5.2	2.2
10/2	Pilsworth Rd Int Link Ebnd Right	O	F	H	2	38	12	476	1781	547	87.0%	56	312	109	4.4	32.9	9.7
C1 Stream: 1 PRC for Signalled Lanes (%):							3.5	Total Delay for Signalled Lanes (pcuHr):				31.77	Cycle Time (s): 80				
PRC Over All Lanes (%):							3.5	Total Delay Over All Lanes (pcuHr):				31.77					

Basic Results Summary

Scenario 3: '2026 AM Base' (FG3: '2026 AM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



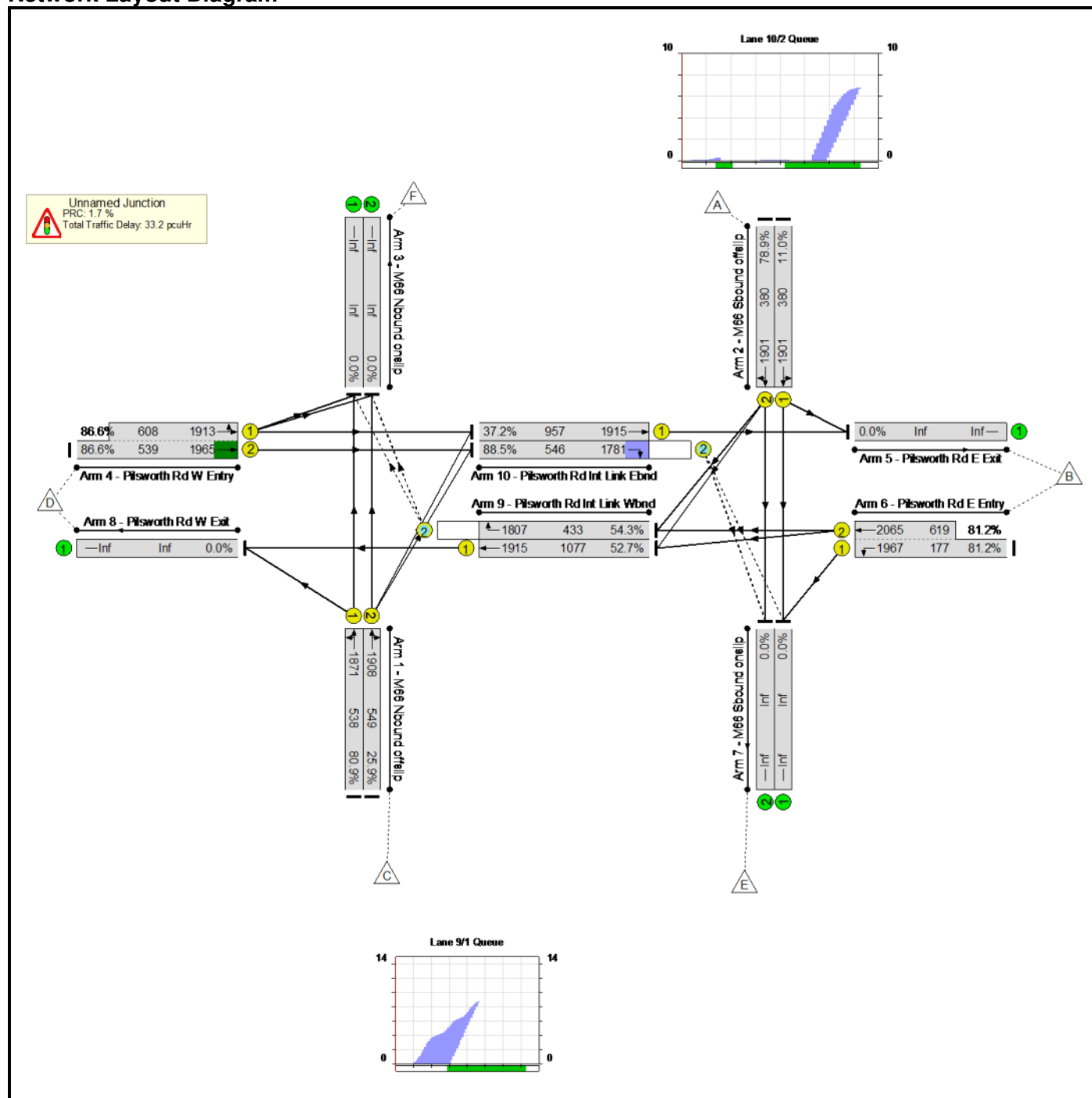
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-10.1	Total Delay for Signalled Lanes (pcuHr):	49.67	Cycle Time (s):	80
		PRC Over All Lanes (%):	-10.1	Total Delay Over All Lanes(pcuHr):	49.67		

Basic Results Summary

Scenario 4: '2026 PM Base' (FG4: '2026 PM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



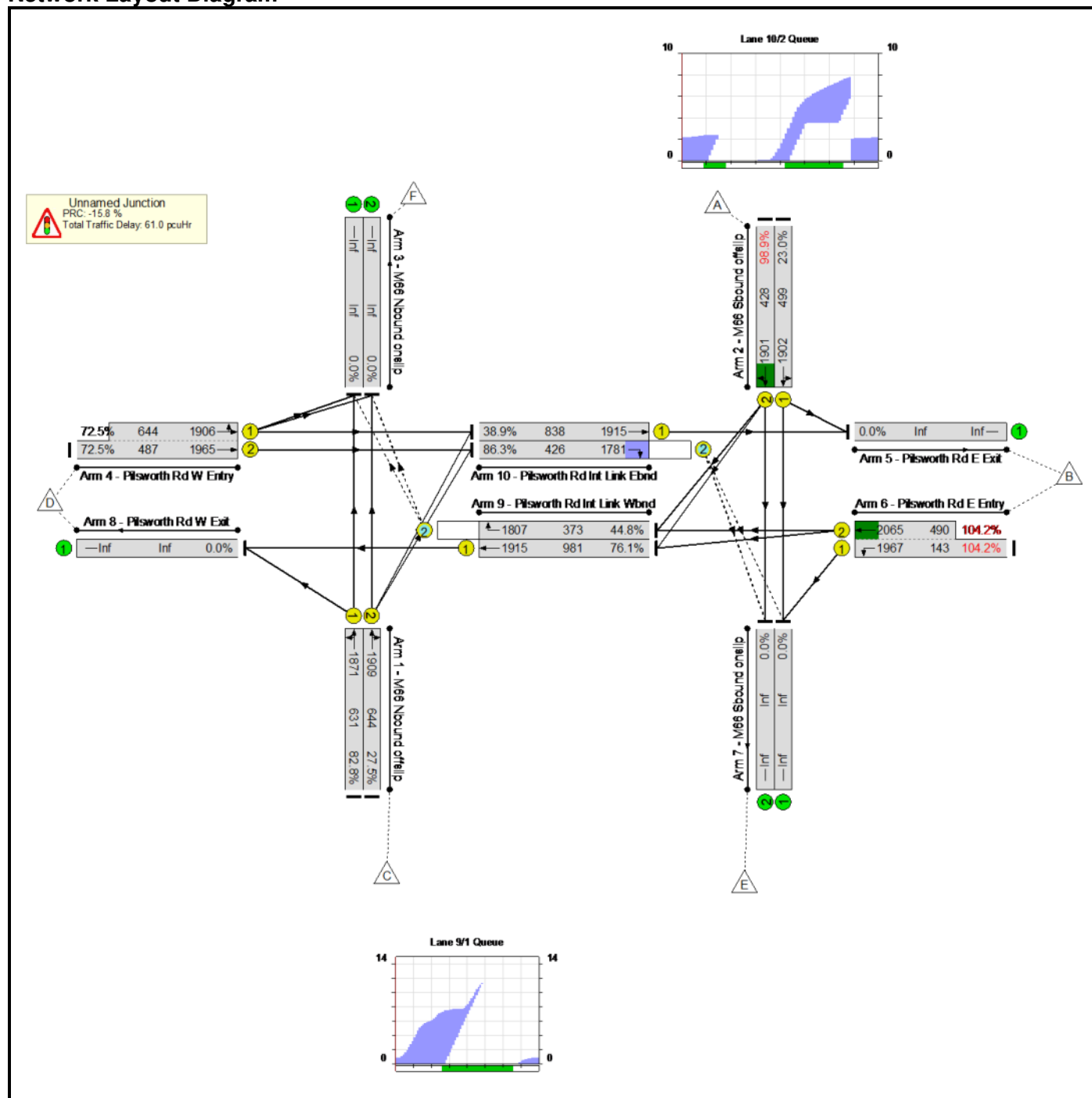
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	1.7	Total Delay for Signalled Lanes (pcuHr):	33.21	Cycle Time (s):	80
		PRC Over All Lanes (%):	1.7	Total Delay Over All Lanes(pcuHr):	33.21		

Basic Results Summary

Scenario 5: '2026 AM + Comm' (FG5: '2026 AM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



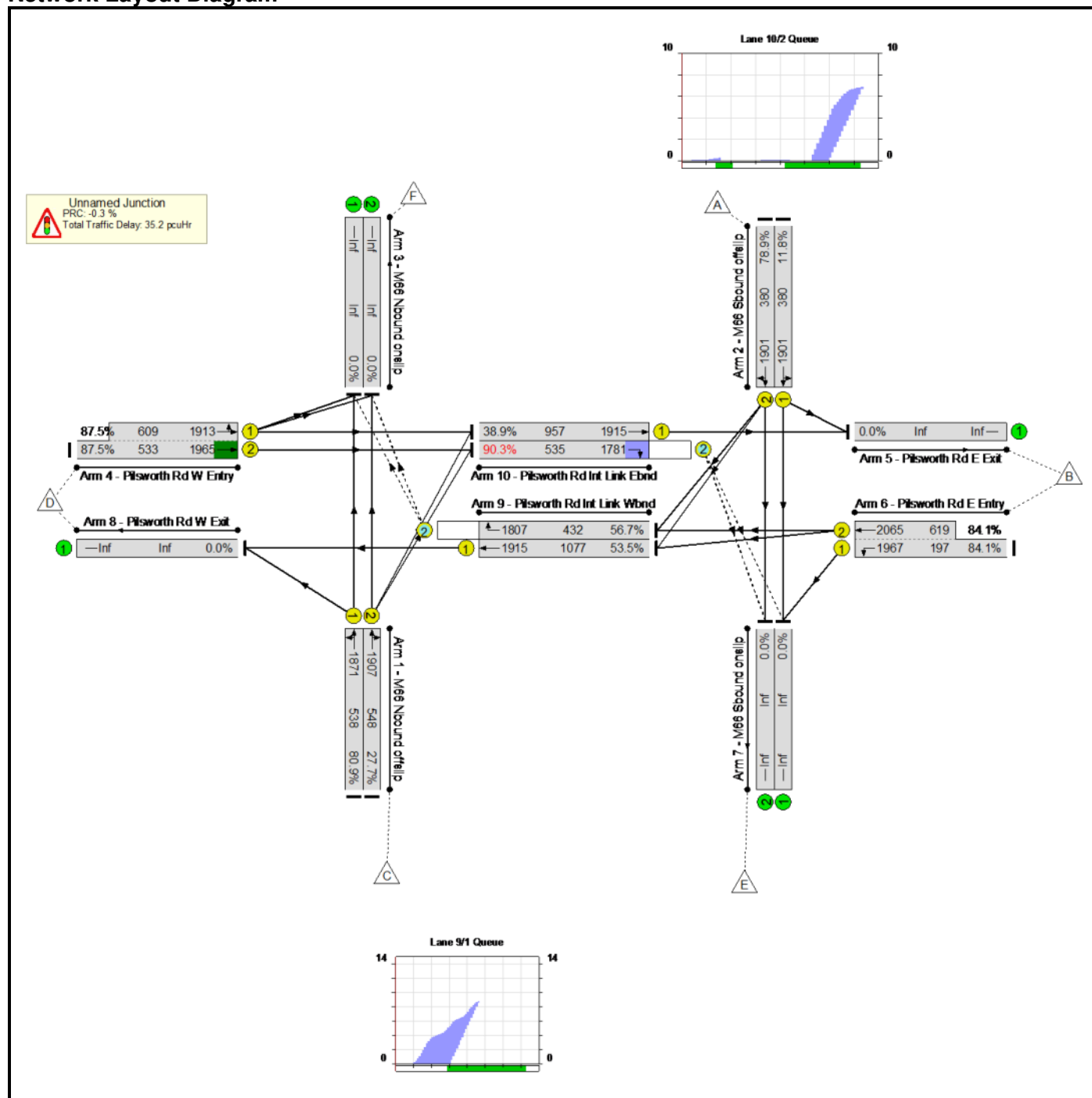
Network Results

C1	Stream: 1 PRC for Signalled Lanes (%):	-15.8
	PRC Over All Lanes (%):	-15.8

Basic Results Summary

Scenario 6: '2026 PM + Comm' (FG6: '2026 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



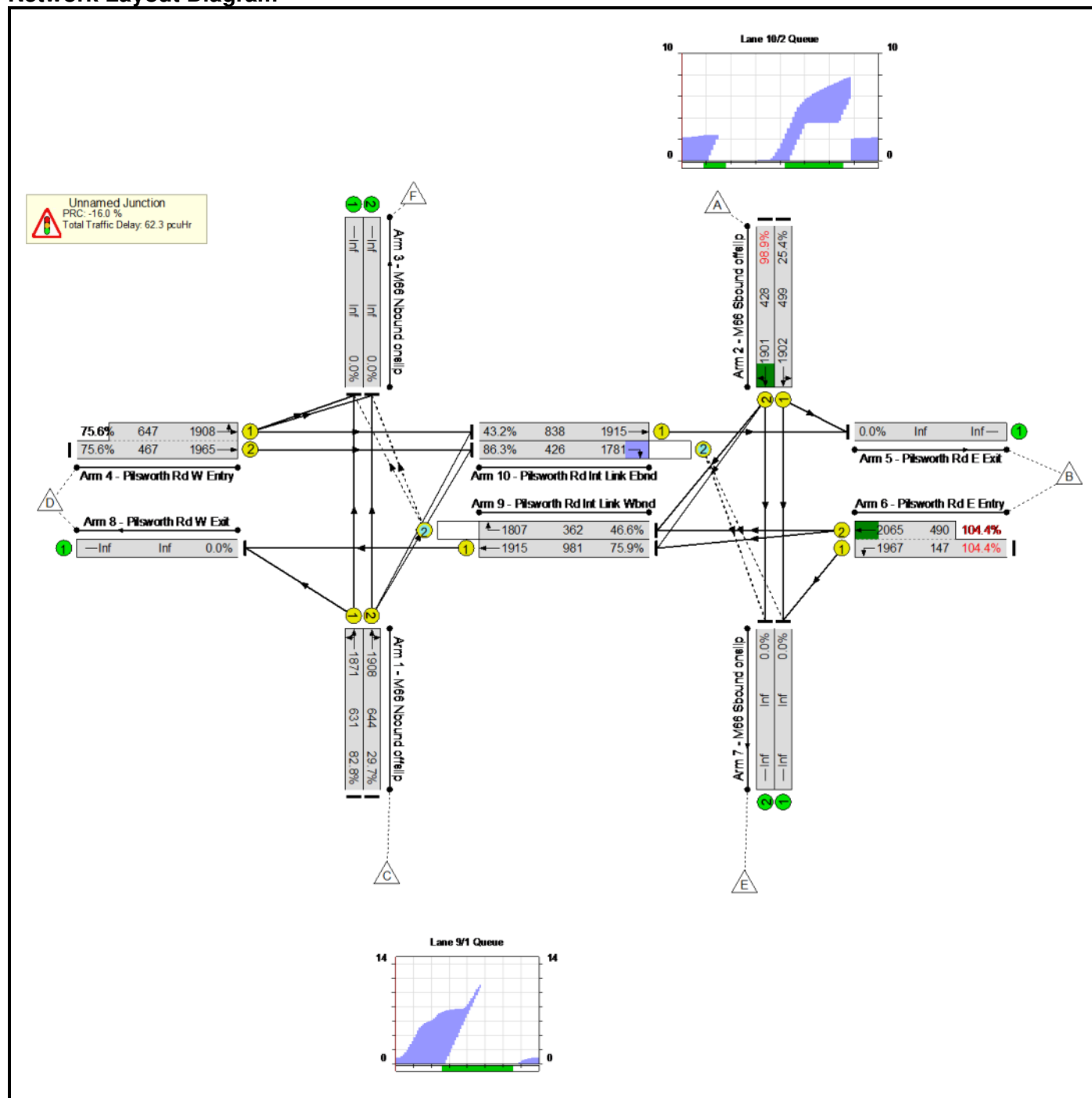
Network Results

C1	Stream: 1 PRC for Signalled Lanes (%):	-0.3	Total Delay for Signalled Lanes (pcuHr):	35.17	Cycle Time (s):	80
	PRC Over All Lanes (%):	-0.3	Total Delay Over All Lanes (pcuHr):	35.17		

Basic Results Summary

Scenario 7: '2026 AM + Dev' (FG7: '2026 AM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



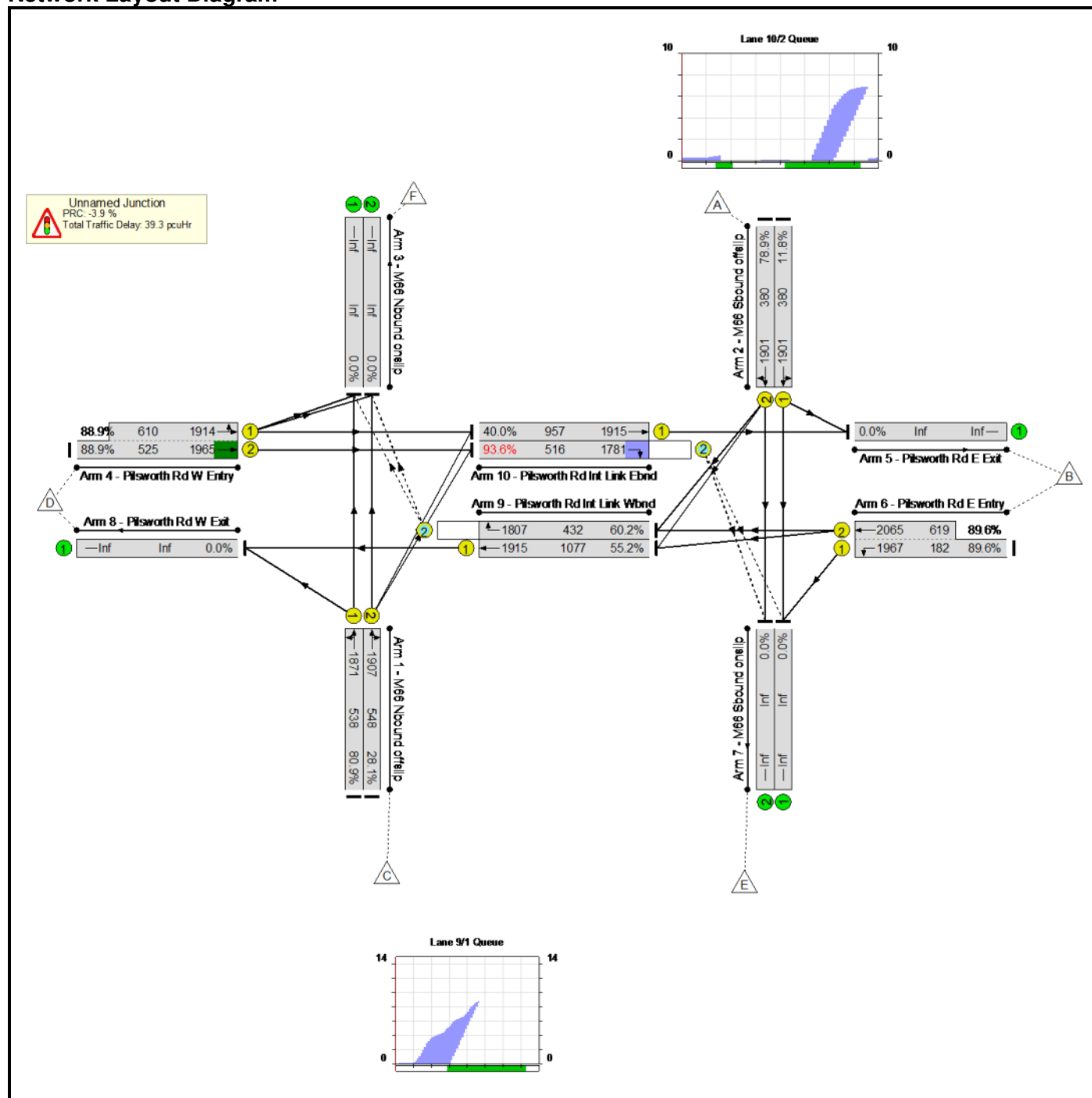
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-16.0	Total Delay for Signalled Lanes (pcuHr):	62.30	Cycle Time (s):	80
		PRC Over All Lanes (%):	-16.0	Total Delay Over All Lanes(pcuHr):	62.30		

Basic Results Summary

Scenario 8: '2026 PM + Dev' (FG8: '2026 PM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



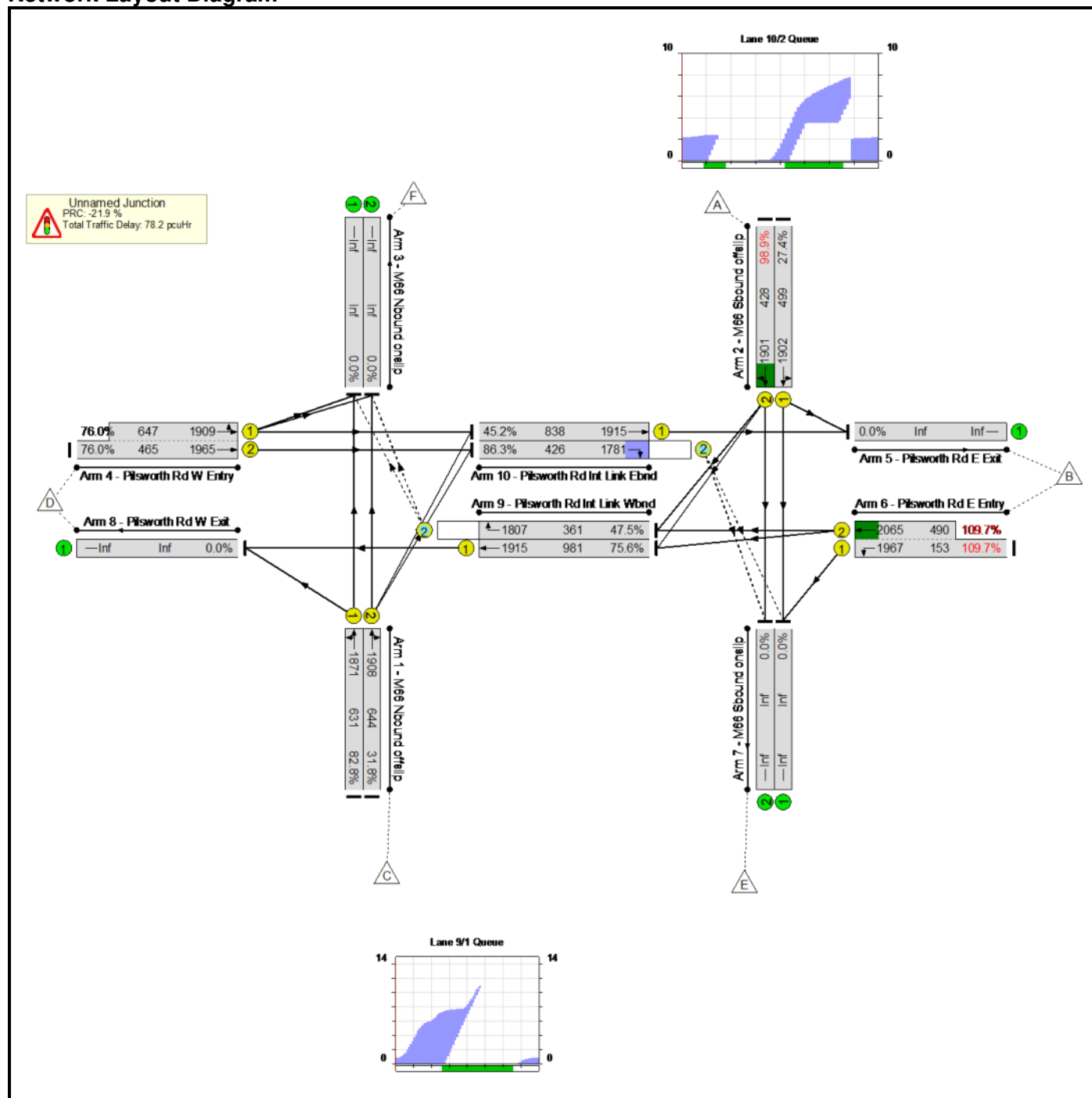
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-3.9	Total Delay for Signalled Lanes (pcuHr):	39.27	Cycle Time (s):	80
		PRC Over All Lanes (%):	-3.9	Total Delay Over All Lanes(pcuHr):	39.27		

Basic Results Summary

Scenario 9: '2026 AM + Comm + Dev' (FG9: '2026 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



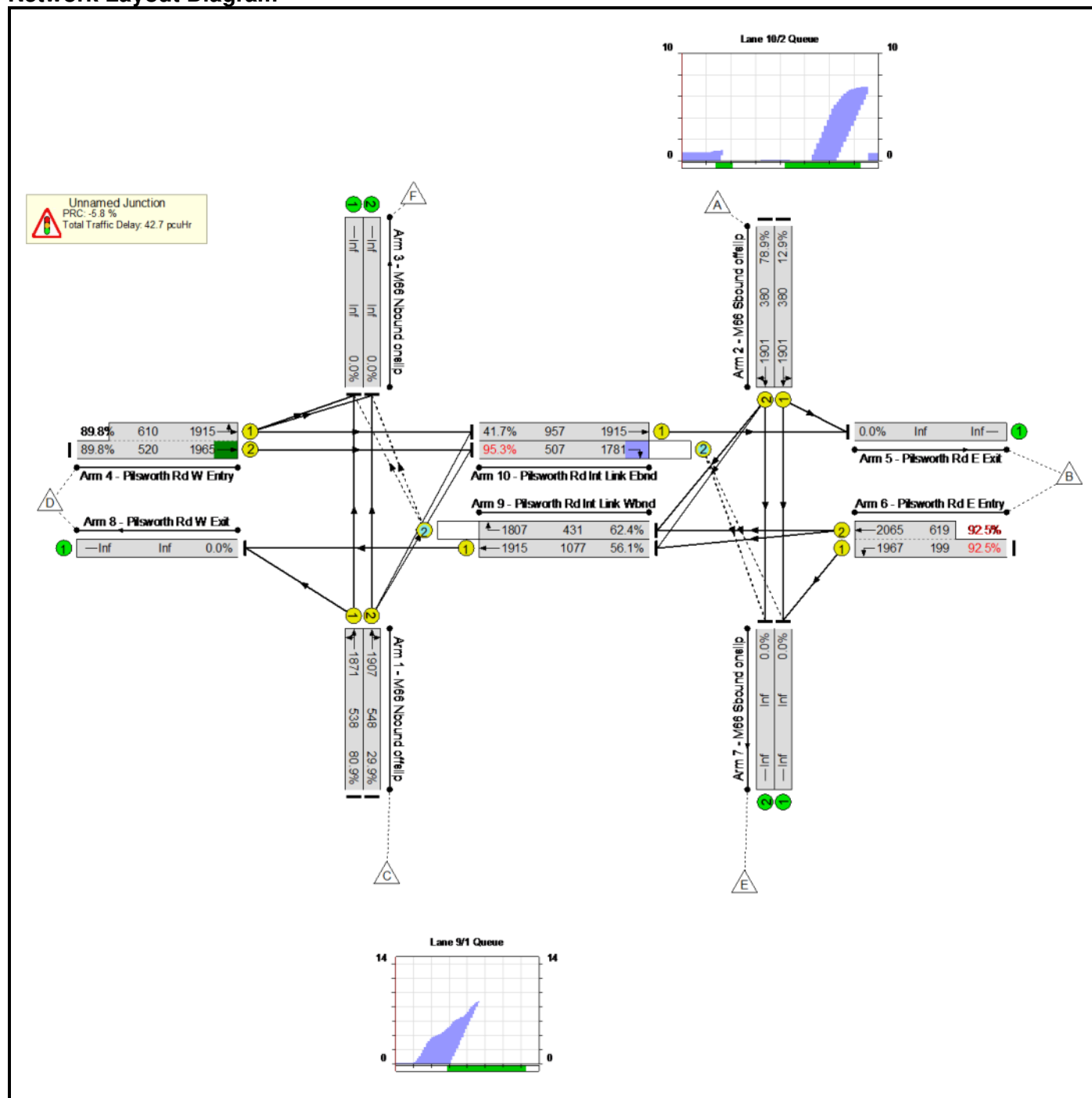
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-21.9	Total Delay for Signalled Lanes (pcuHr):	78.25	Cycle Time (s):	80
		PRC Over All Lanes (%):	-21.9	Total Delay Over All Lanes(pcuHr):	78.25		

Basic Results Summary

Scenario 10: '2026 PM + Comm + Dev' (FG10: '2026 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



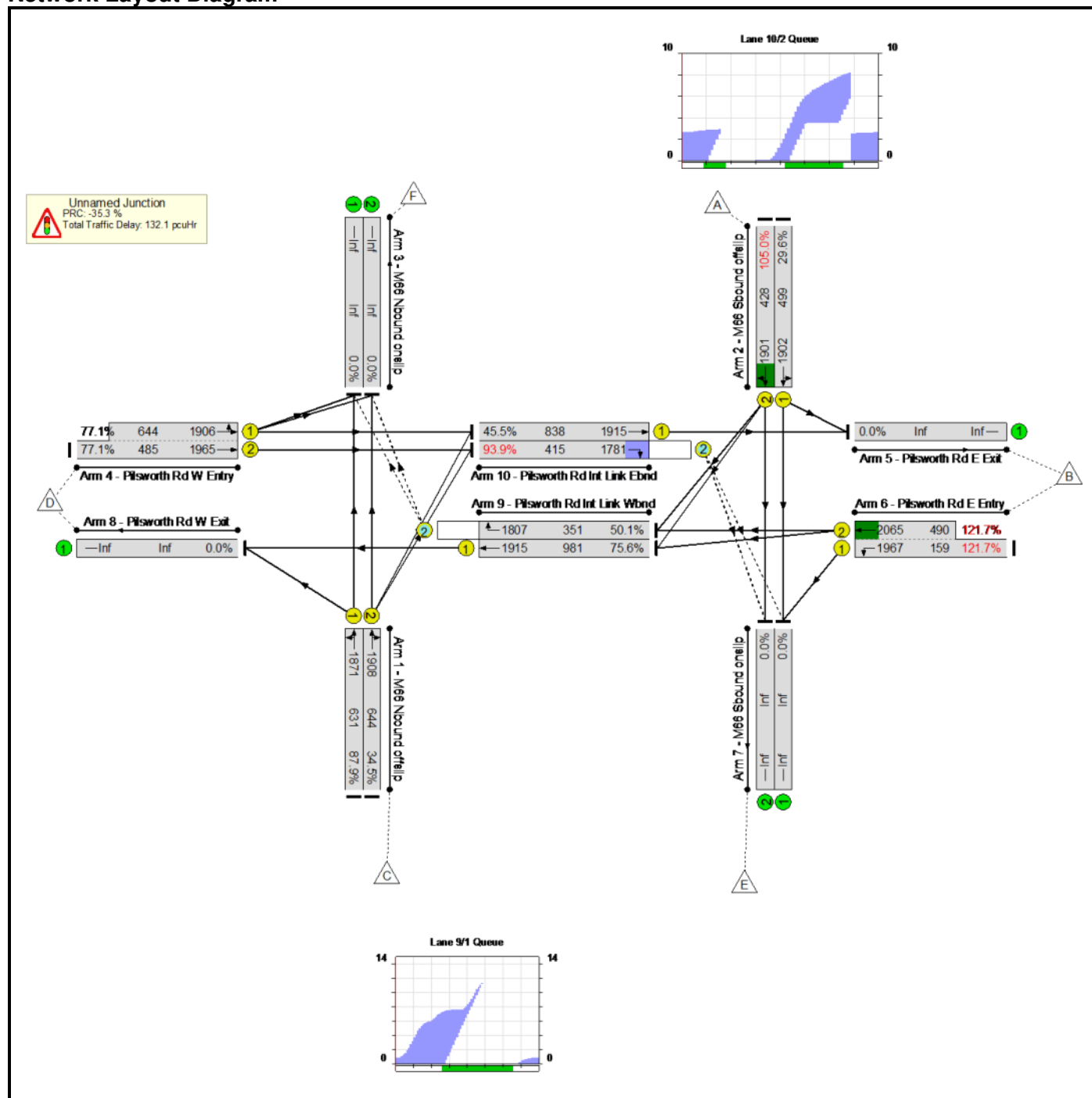
Network Results

C1	Stream: 1 PRC for Signalled Lanes (%):	-5.8	Total Delay for Signalled Lanes (pcuHr):	42.69	Cycle Time (s):	80
	PRC Over All Lanes (%):	-5.8	Total Delay Over All Lanes(pcuHr):	42.69		

Basic Results Summary

Scenario 11: '2031 AM + Comm' (FG11: '2031 AM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



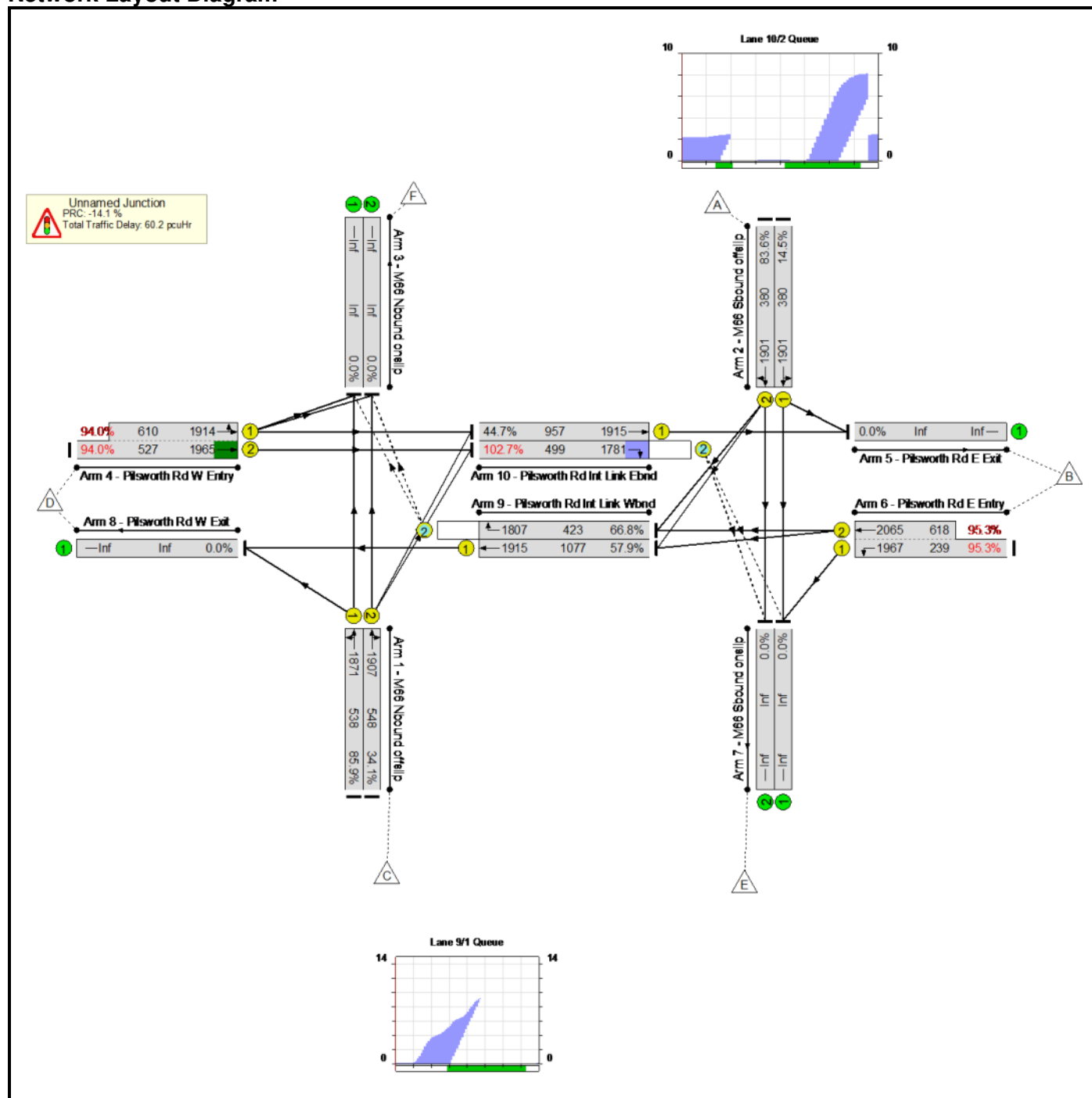
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-35.3	Total Delay for Signalled Lanes (pcuHr):	132.15	Cycle Time (s):	80
		PRC Over All Lanes (%):	-35.3	Total Delay Over All Lanes(pcuHr):	132.15		

Basic Results Summary

Scenario 12: '2031 PM + Comm' (FG12: '2031 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



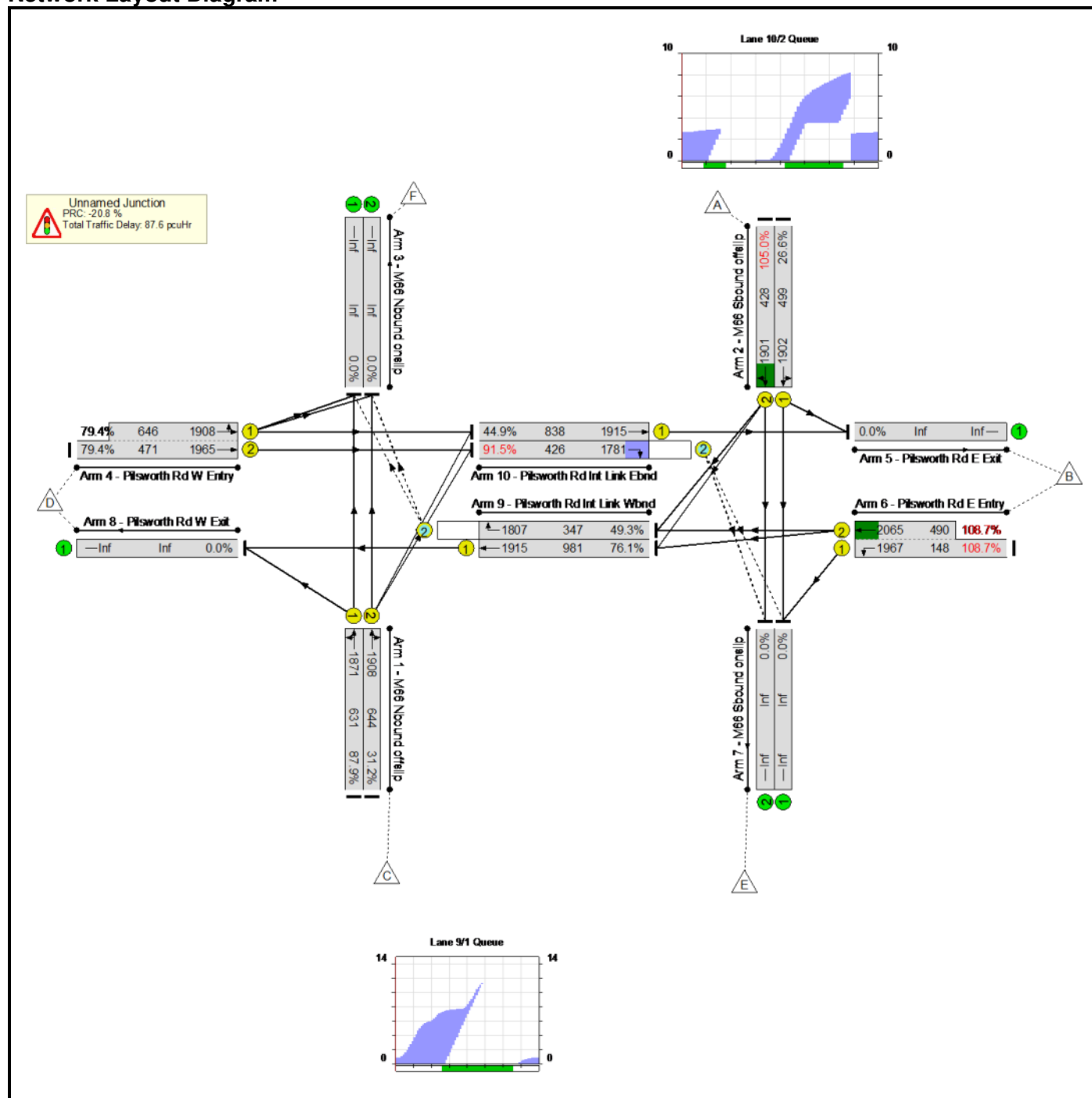
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-14.1	Total Delay for Signalled Lanes (pcuHr):	60.16	Cycle Time (s):	80
		PRC Over All Lanes (%):	-14.1	Total Delay Over All Lanes(pcuHr):	60.16		

Basic Results Summary

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

Network Layout Diagram



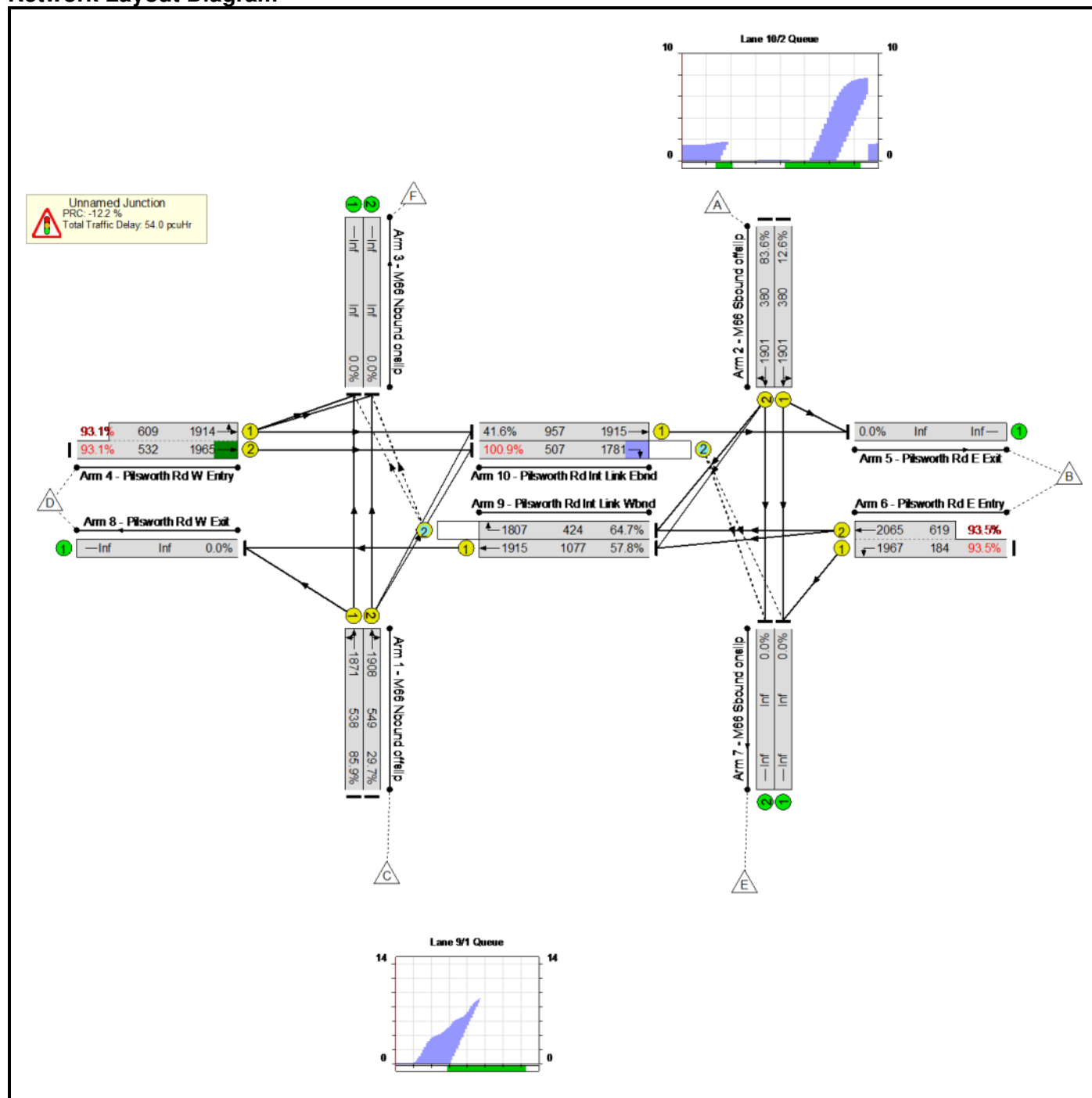
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-20.8	Total Delay for Signalled Lanes (pcuHr):	87.60	Cycle Time (s):	80
		PRC Over All Lanes (%):	-20.8	Total Delay Over All Lanes (pcuHr):	87.60		

Basic Results Summary

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

Network Layout Diagram



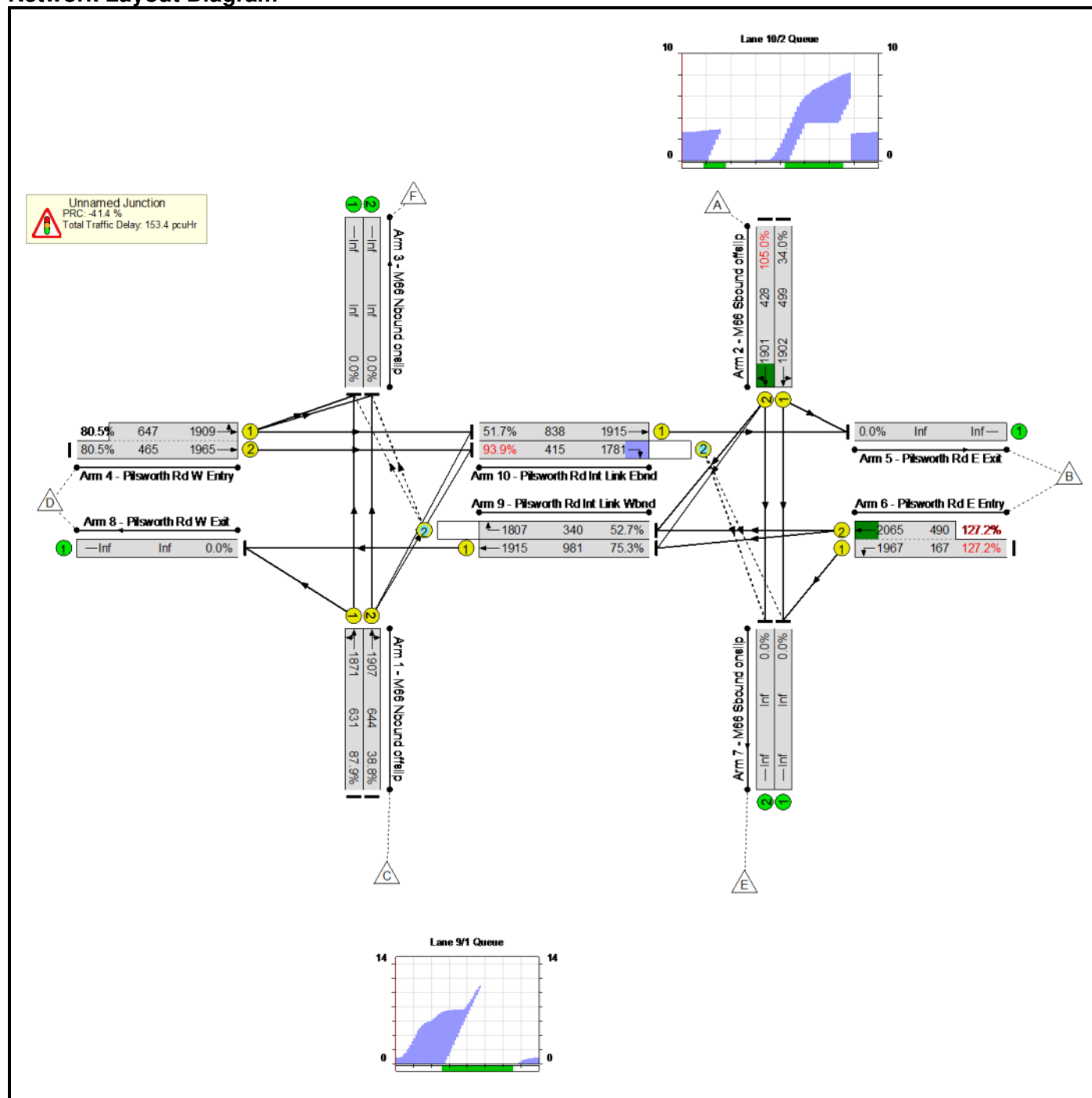
Network Results

C1	Stream: 1 PRC for Signalled Lanes (%):	-12.2	Total Delay for Signalled Lanes (pcuHr):	54.04	Cycle Time (s):	80
	PRC Over All Lanes (%):	-12.2	Total Delay Over All Lanes(pcuHr):	54.04		

Basic Results Summary

Scenario 15: '2031 AM + Comm + Dev' (FG15: '2031 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



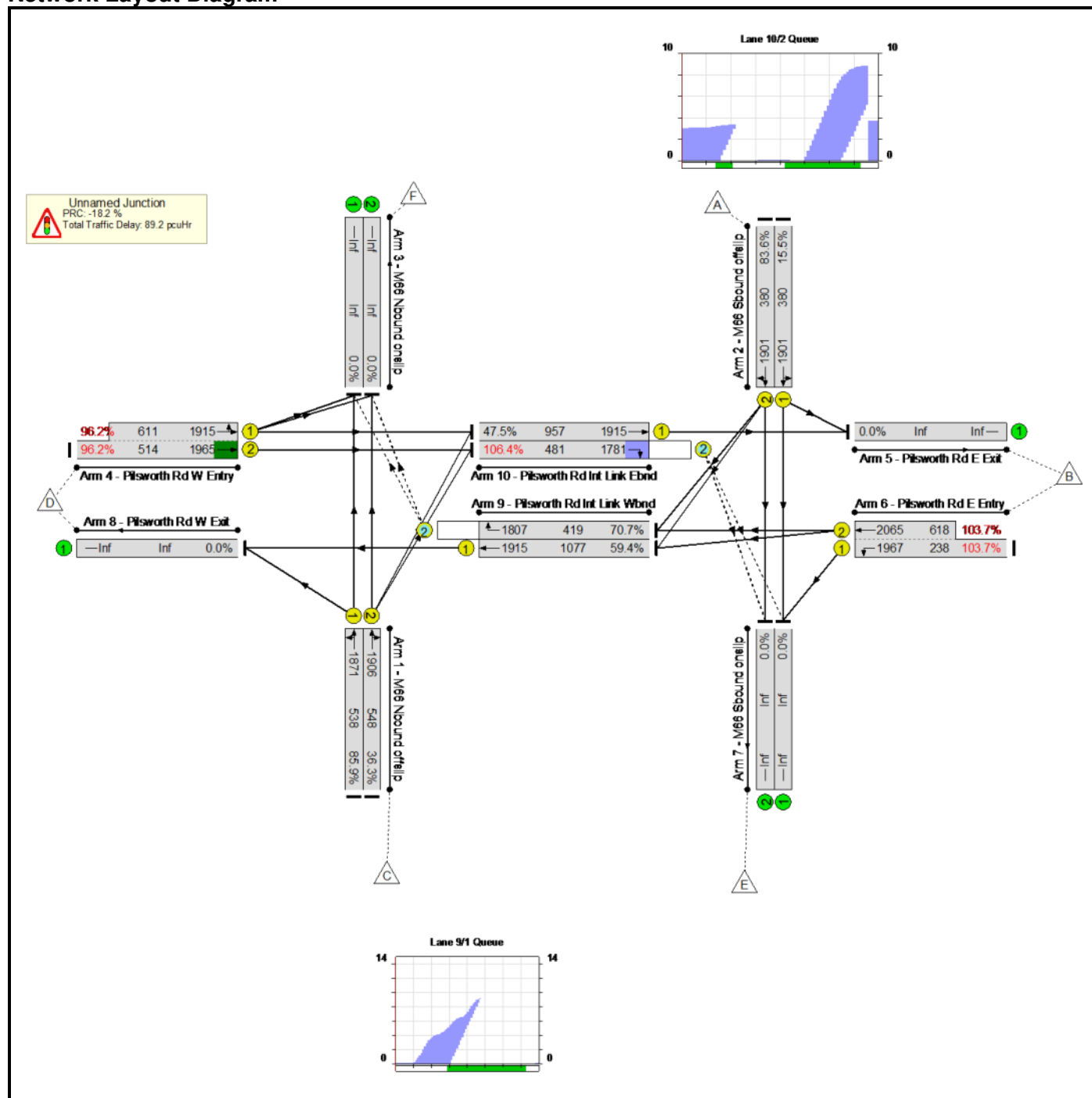
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-41.4	Total Delay for Signalled Lanes (pcuHr):	153.38	Cycle Time (s):	80
		PRC Over All Lanes (%):	-41.4	Total Delay Over All Lanes(pcuHr):	153.38		

Basic Results Summary

Scenario 16: '2031 PM + Comm + Dev' (FG16: '2031 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



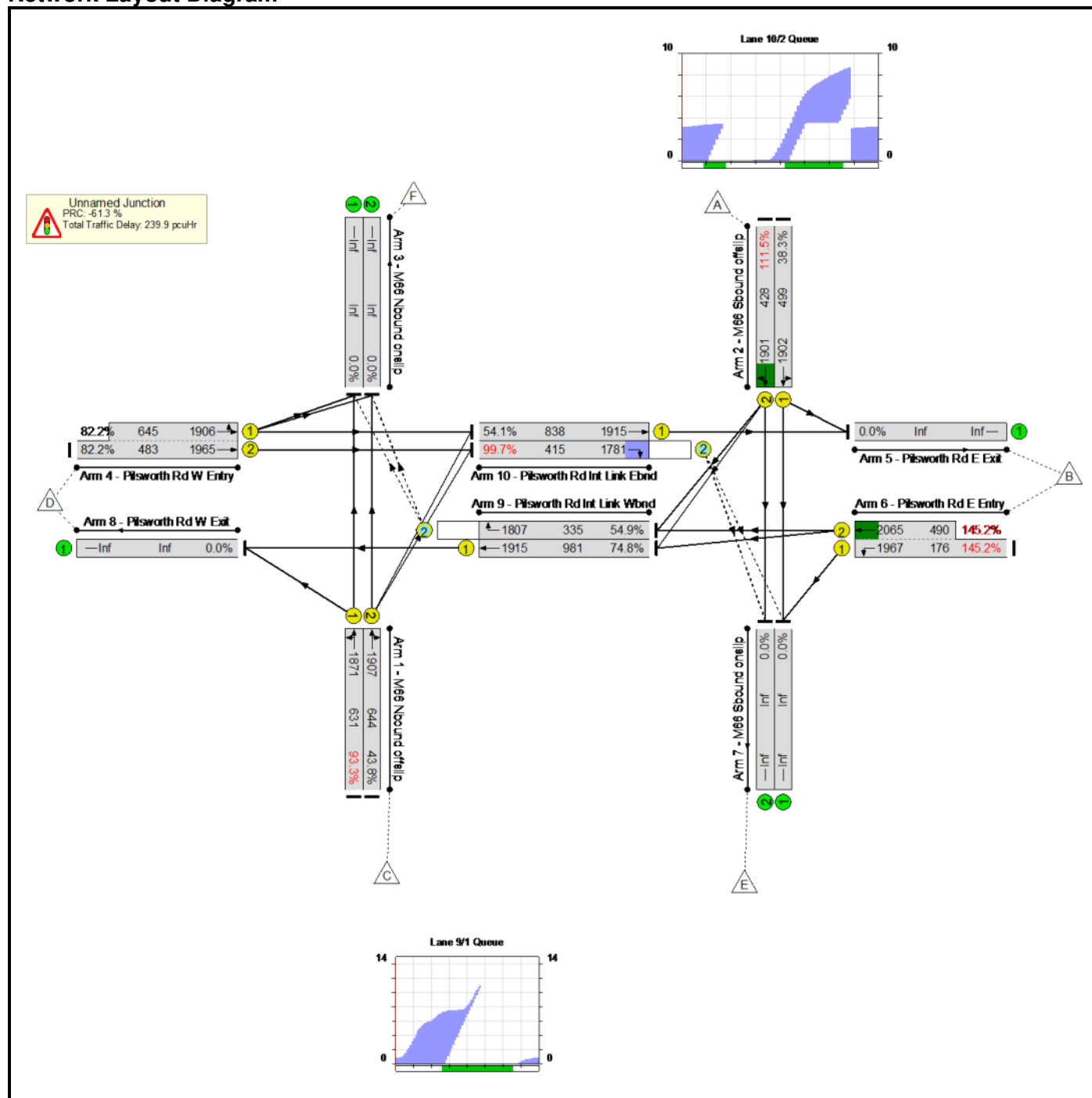
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-18.2	Total Delay for Signalled Lanes (pcuHr):	89.17	Cycle Time (s):	80
		PRC Over All Lanes (%):	-18.2	Total Delay Over All Lanes (pcuHr):	89.17		

Basic Results Summary

Scenario 17: '2038 AM + Comm' (FG17: '2038 AM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



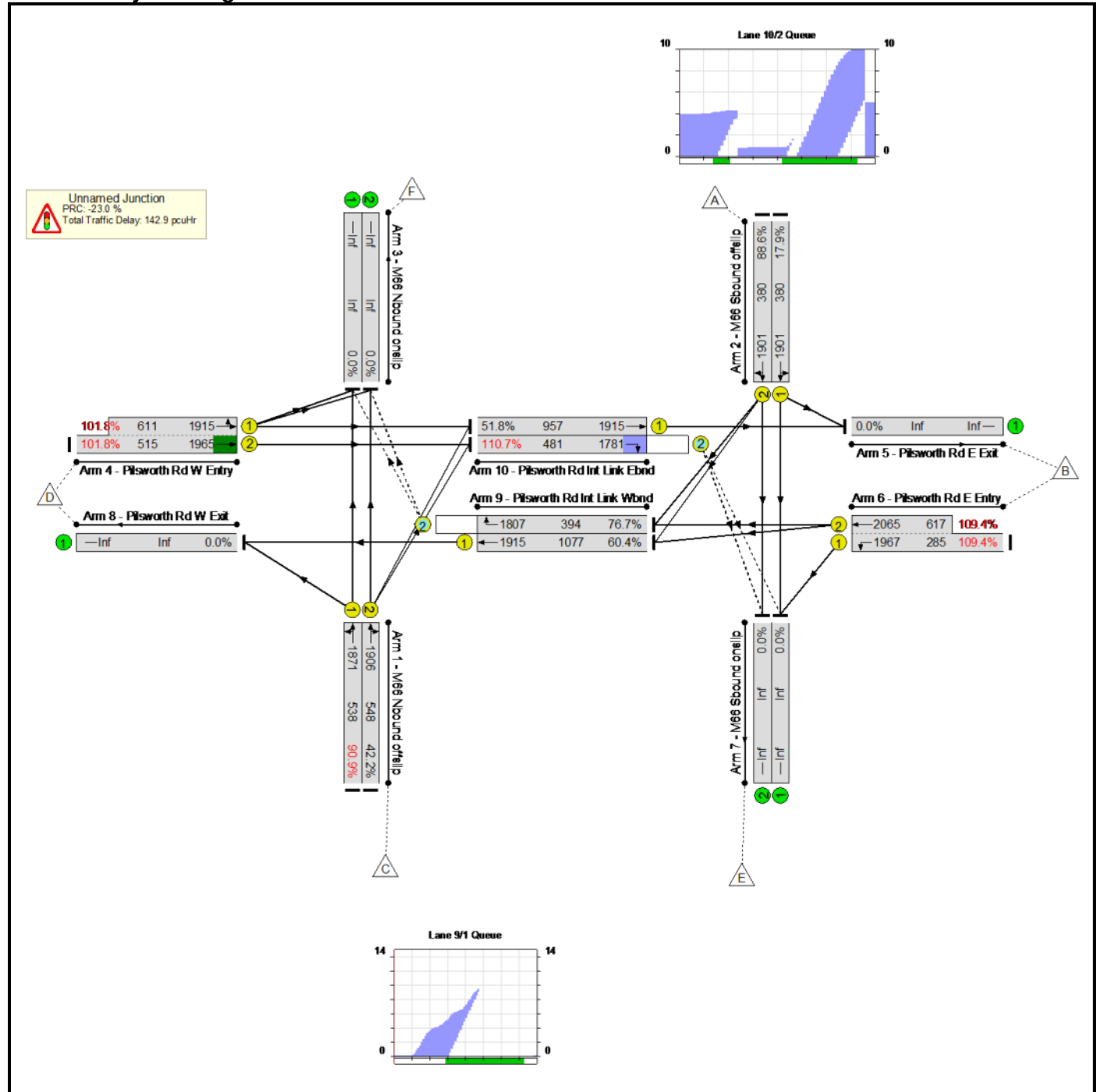
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-61.3	Total Delay for Signalled Lanes (pcuHr):	239.85	Cycle Time (s):	80
		PRC Over All Lanes (%):	-61.3	Total Delay Over All Lanes(pcuHr):	239.85		

Basic Results Summary

Scenario 18: '2038 PM + Comm' (FG18: '2038 PM + Committed', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



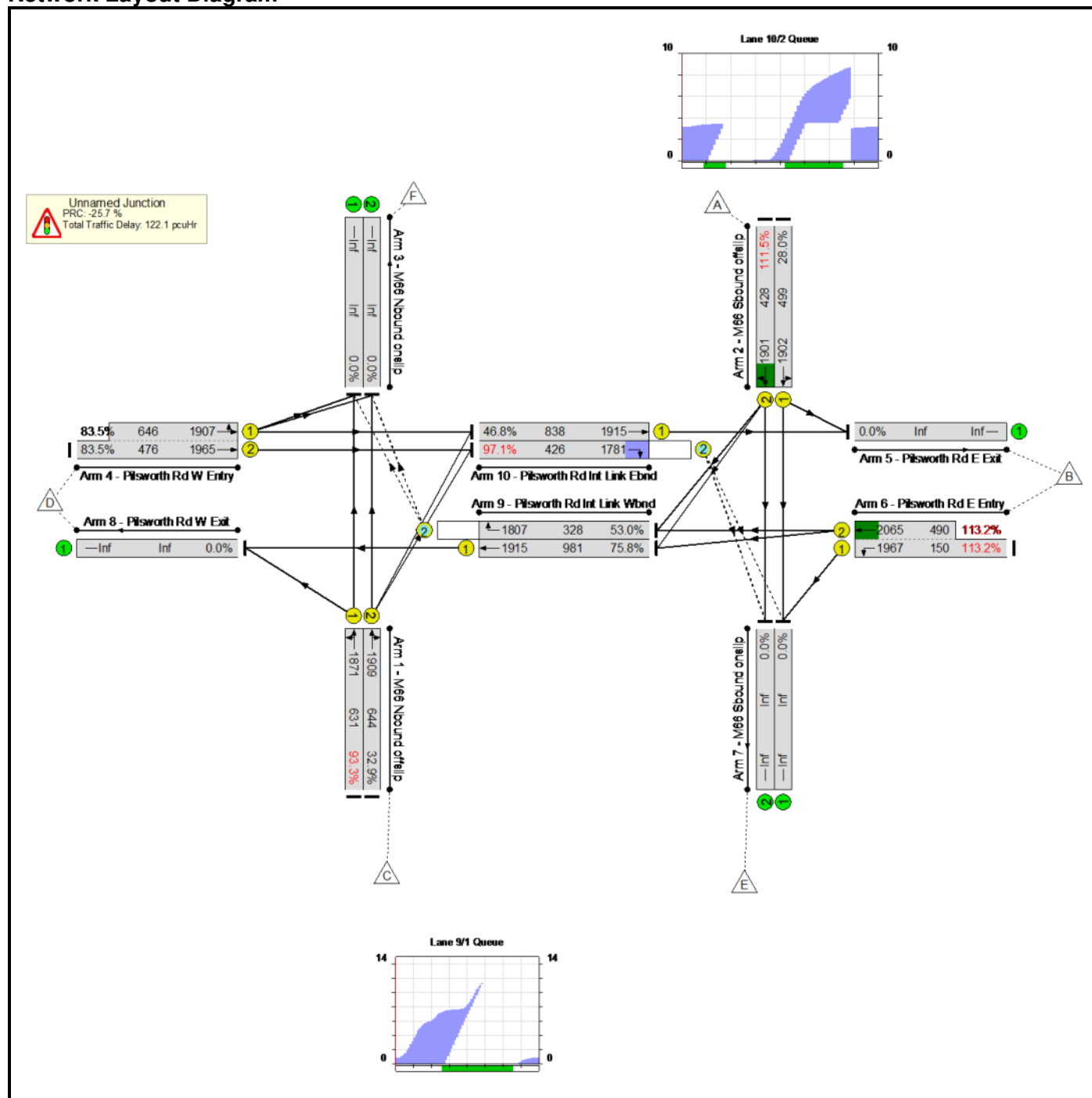
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-23.0	Total Delay for Signalled Lanes (pcuHr):	142.90	Cycle Time (s):	80
		PRC Over All Lanes (%):	-23.0	Total Delay Over All Lanes(pcuHr):	142.90		

Basic Results Summary

Scenario 19: '2038 AM + Dev' (FG19: '2038 AM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



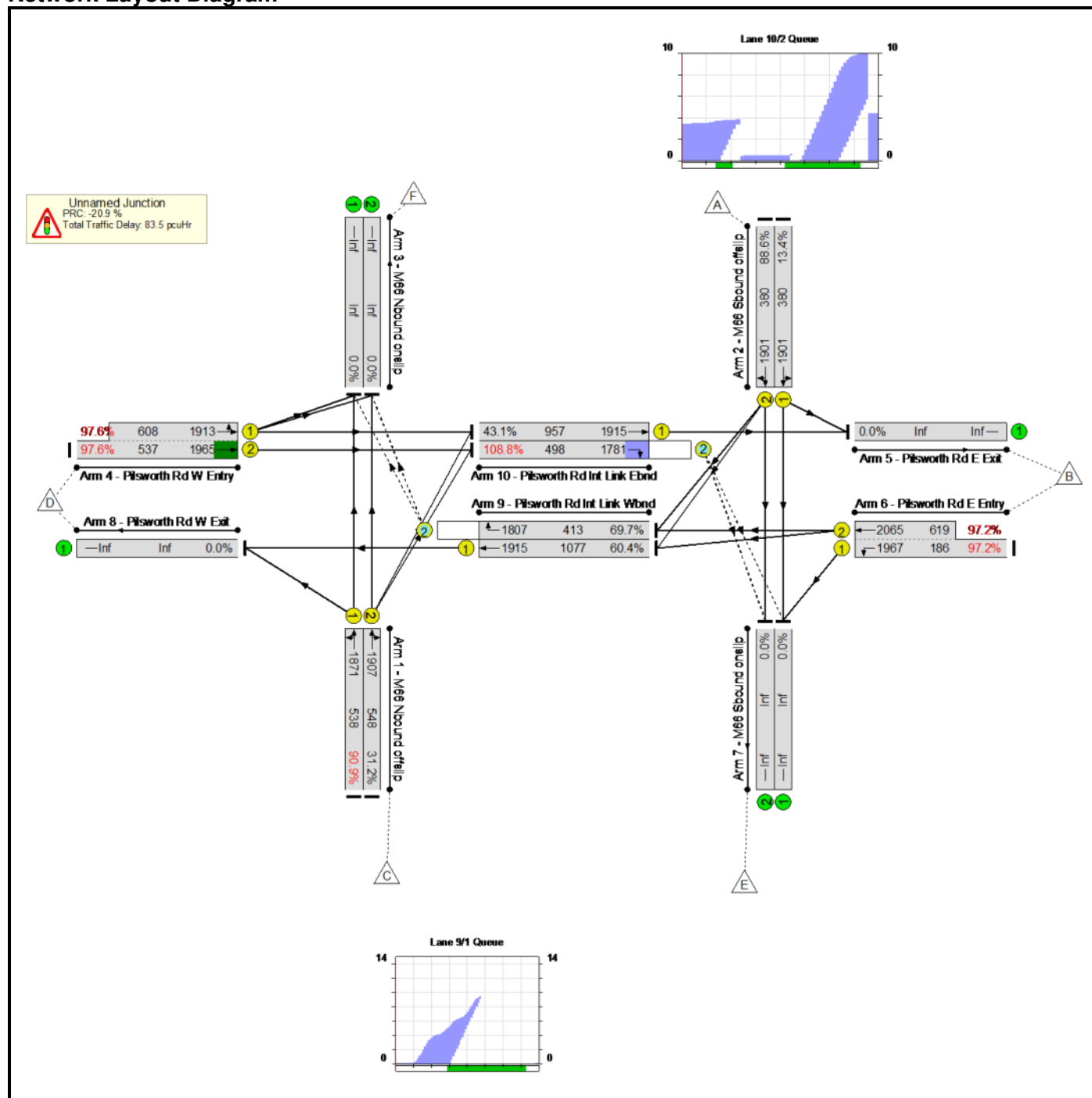
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-25.7	Total Delay for Signalled Lanes (pcuHr):	122.06	Cycle Time (s):	80
		PRC Over All Lanes (%):	-25.7	Total Delay Over All Lanes(pcuHr):	122.06		

Basic Results Summary

Scenario 20: '2038 PM + Dev' (FG20: '2038 PM + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



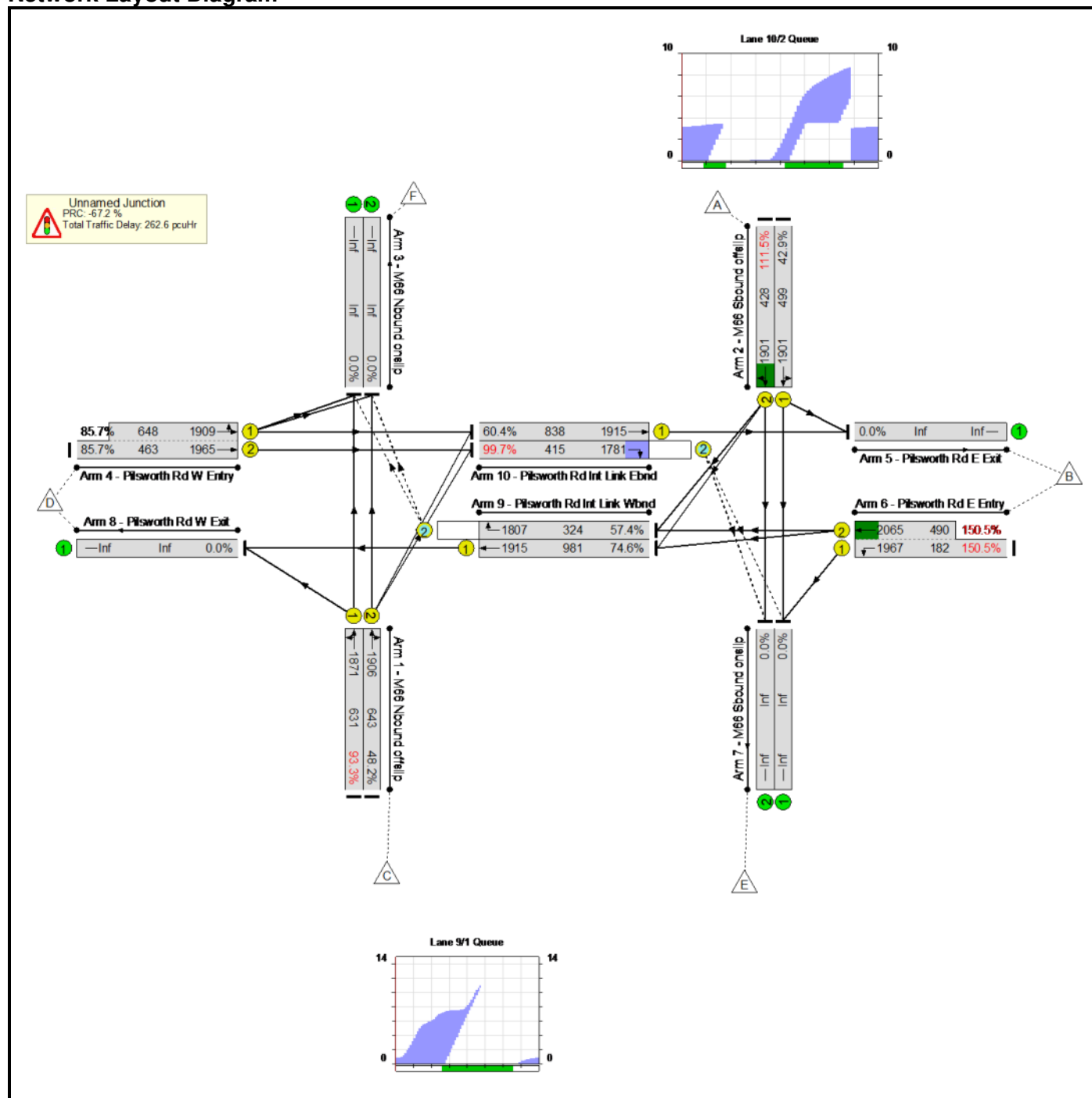
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-20.9	Total Delay for Signalled Lanes (pcuHr):	83.52	Cycle Time (s):	80
		PRC Over All Lanes (%):	-20.9	Total Delay Over All Lanes(pcuHr):	83.52		

Basic Results Summary

Scenario 21: '2038 AM + Comm + Dev' (FG21: '2038 AM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



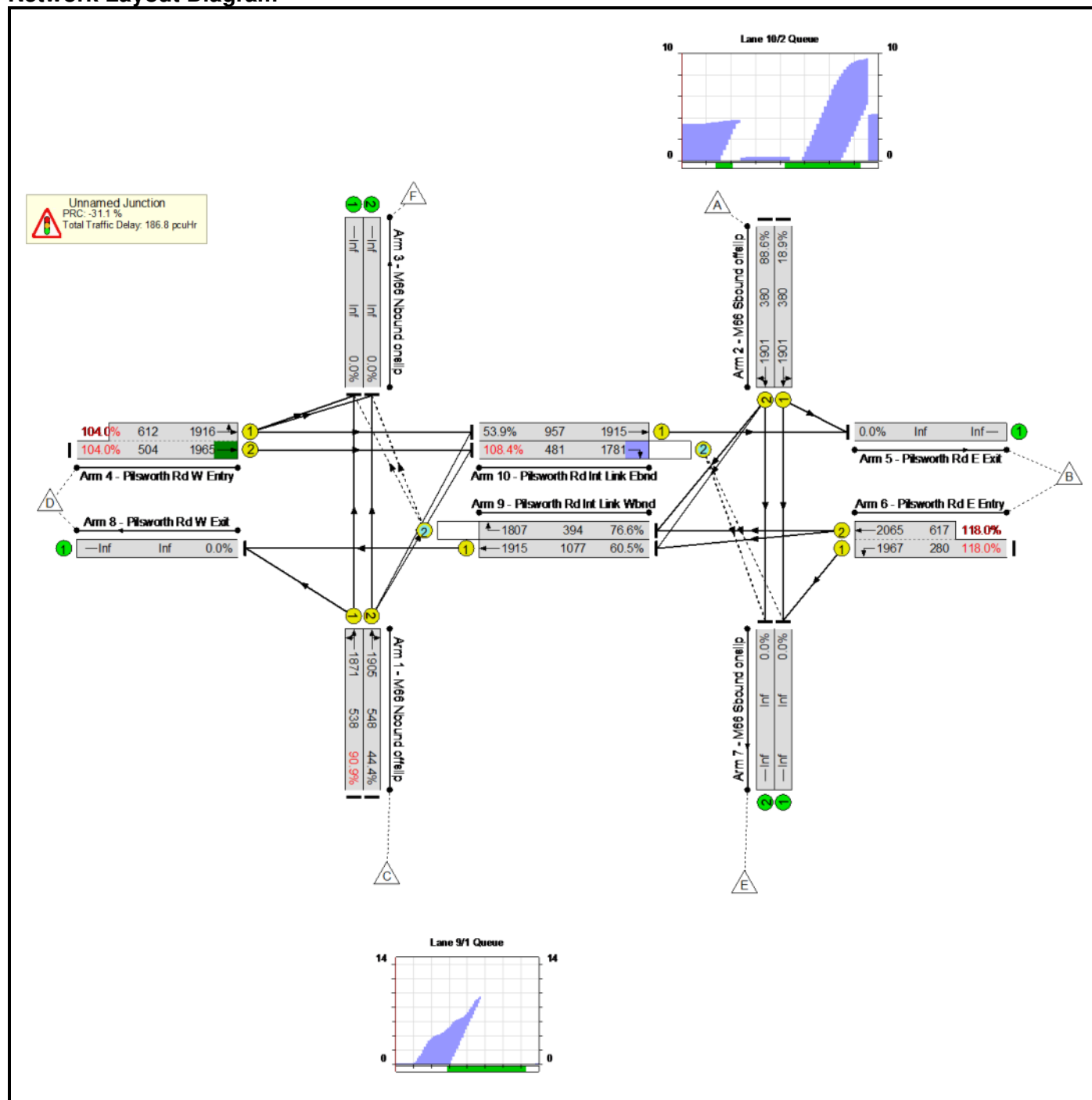
Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-67.2	Total Delay for Signalled Lanes (pcuHr):	262.59	Cycle Time (s):	80
		PRC Over All Lanes (%):	-67.2	Total Delay Over All Lanes(pcuHr):	262.59		

Basic Results Summary

Scenario 22: '2038 PM + Comm + Dev' (FG22: '2038 PM + Committed + Dev', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Network Results

C1	Stream: 1	PRC for Signalled Lanes (%):	-31.1	Total Delay for Signalled Lanes (pcuHr):	186.79	Cycle Time (s):	80
		PRC Over All Lanes (%):	-31.1	Total Delay Over All Lanes(pcuHr):	186.79		