

Basic Results Summary

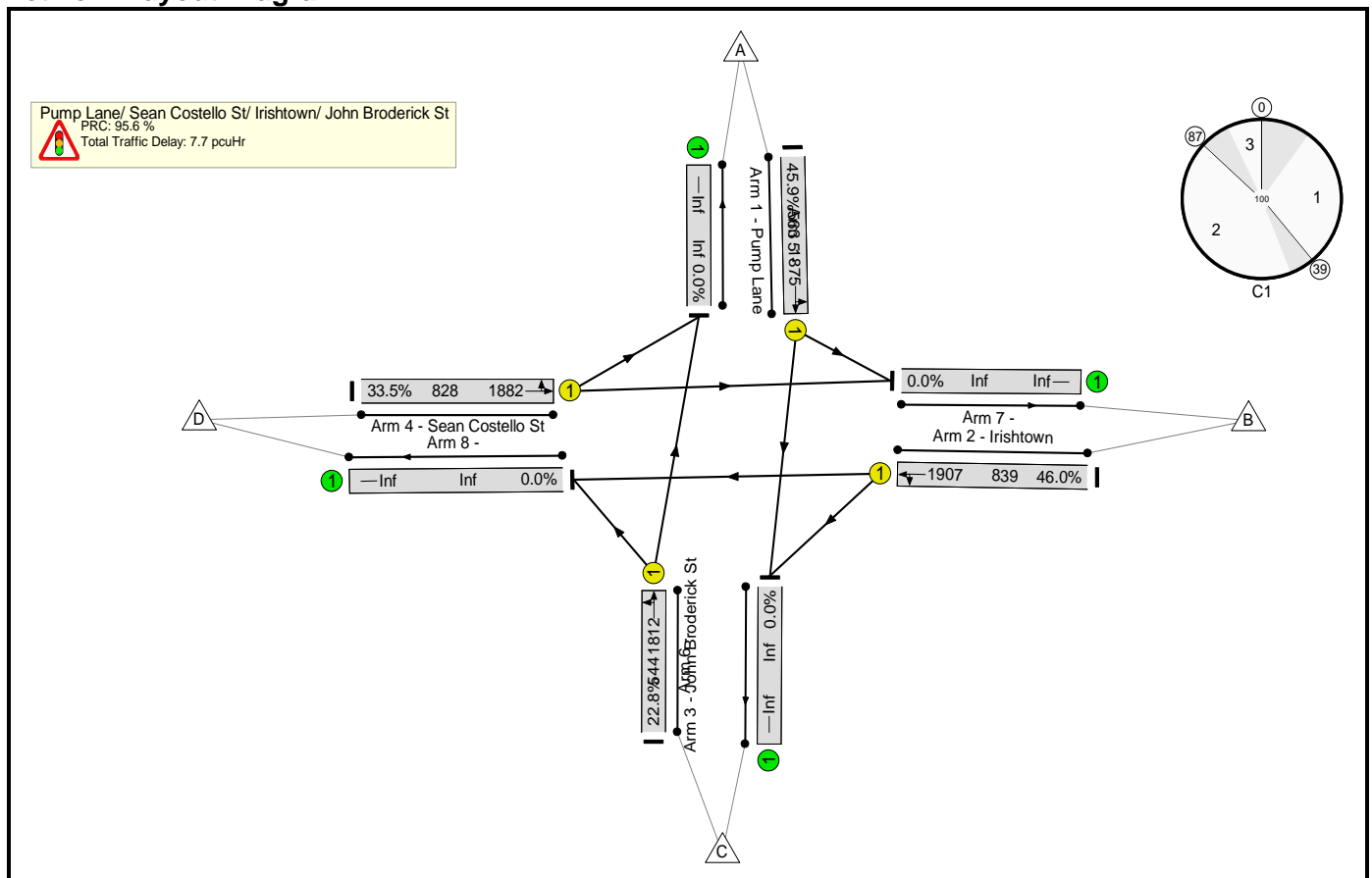
Basic Results Summary

User and Project Details

Project:	
Title:	
Location:	
File name:	Pump Lane-Irish Town- John Broderick Street-Sean Costello Street.lsg3x
Author:	
Company:	
Address:	
Notes:	

Scenario 1: '2016 AM Base' (FG1: '2016 AM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



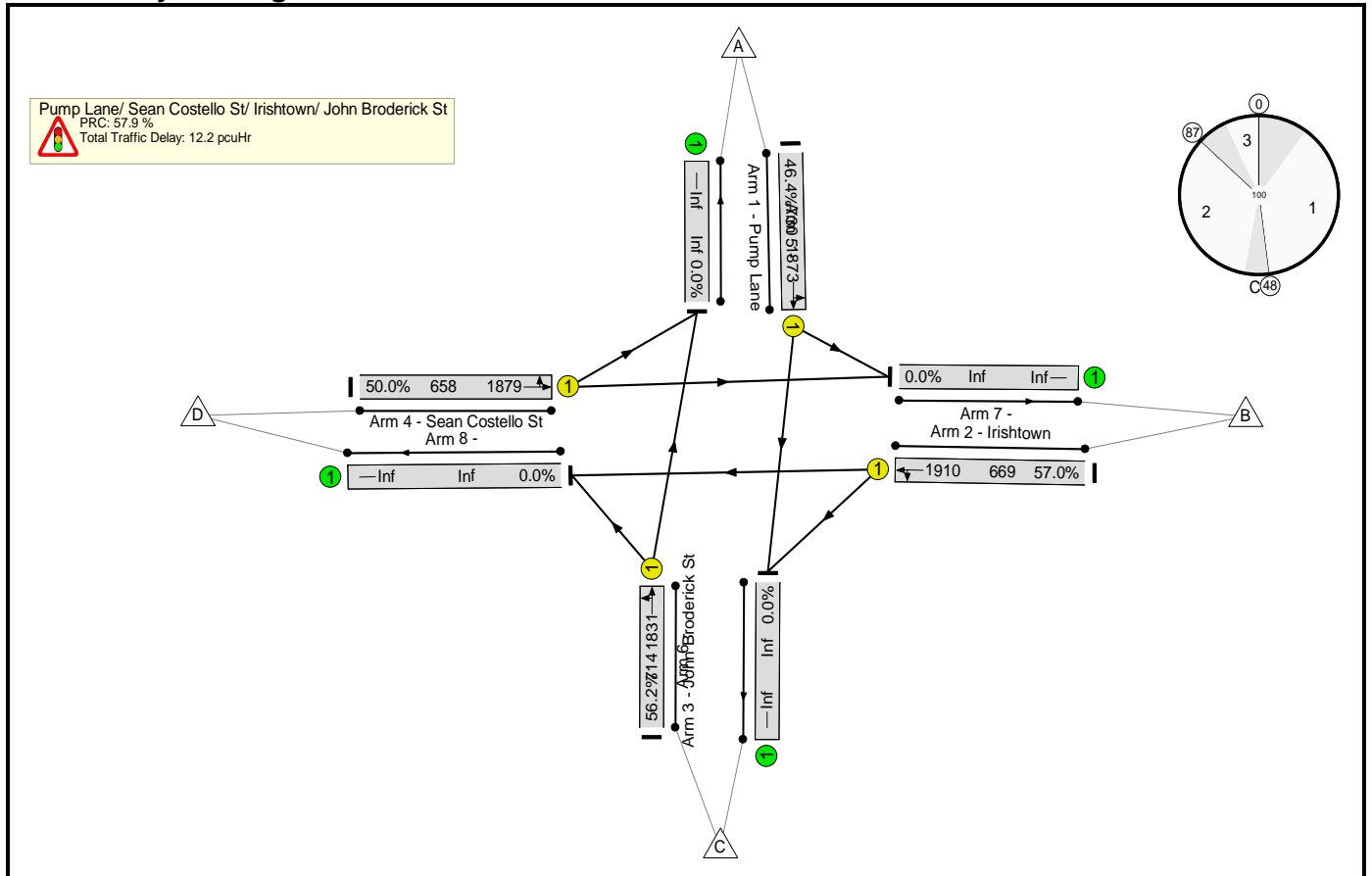
Network Results

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	-	-	-		-	-	-	-	-	-	46.0%	0	0	0	7.7	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	46.0%	0	0	0	7.7	-	-
1/1	Pump Lane Ahead Left	U	A		1	29	-	258	1875	563	45.9%	-	-	-	2.5	34.3	6.2
2/1	Irishtown Left Ahead	U	C		1	43	-	386	1907	839	46.0%	-	-	-	2.5	23.6	7.9
3/1	John Broderick St Ahead Left	U	B		1	29	-	124	1812	544	22.8%	-	-	-	1.1	30.6	2.7
4/1	Sean Costello St Left Ahead	U	D		1	43	-	277	1882	828	33.5%	-	-	-	1.7	21.7	5.3
C1		PRC for Signalled Lanes (%):		95.6		Total Delay for Signalled Lanes (pcuHr):		7.71		Cycle Time (s):		100					
		PRC Over All Lanes (%):		95.6		Total Delay Over All Lanes(pcuHr):		7.71									

Basic Results Summary

Scenario 2: '2016 PM Base' (FG2: '2016 PM Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

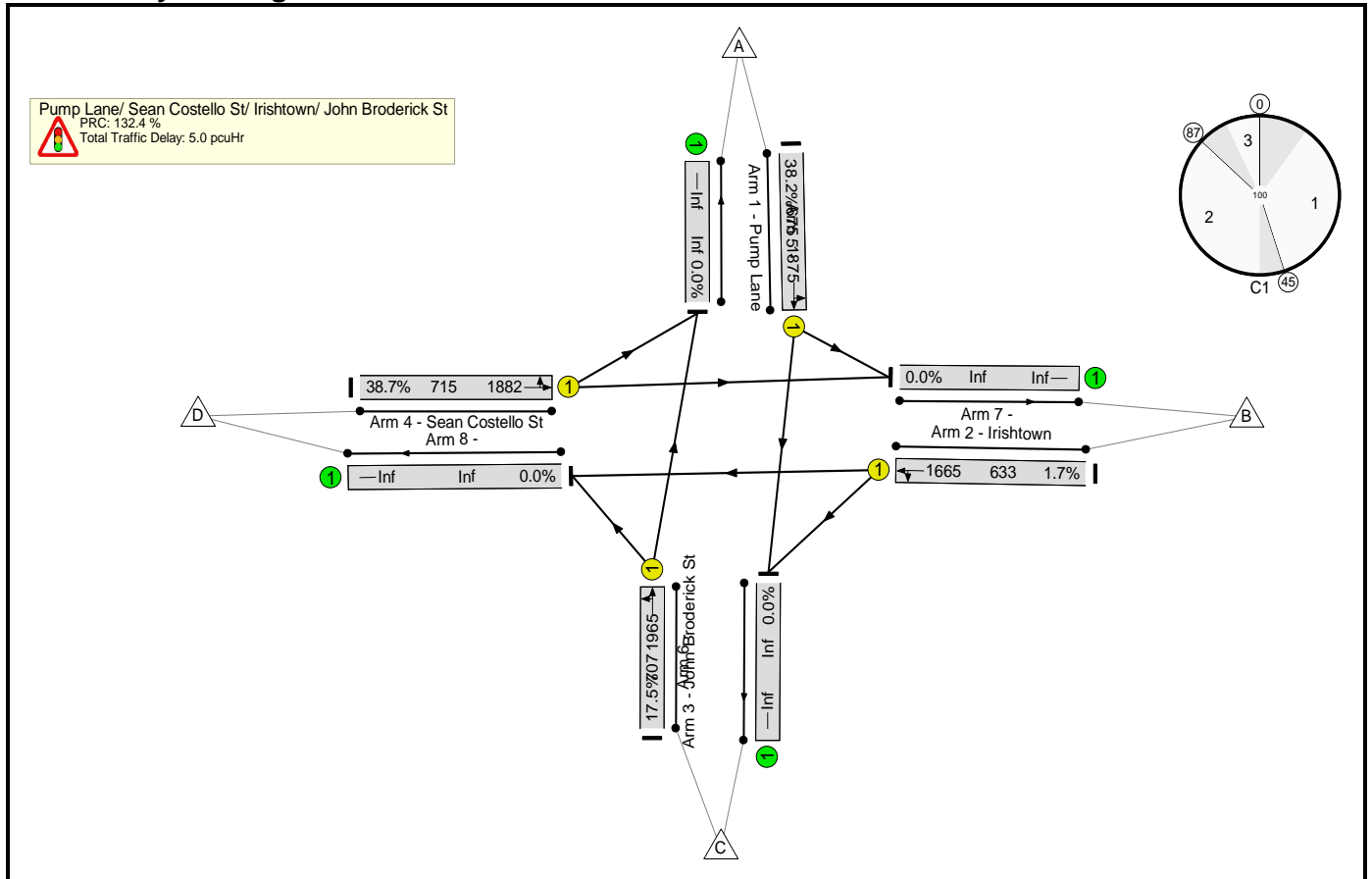
Network Results

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	-	-	-		-	-	-	-	-	-	57.0%	0	0	0	12.2	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	57.0%	0	0	0	12.2	-	-
1/1	Pump Lane Ahead Left	U	A		1	38	-	339	1873	730	46.4%	-	-	-	2.6	27.3	7.4
2/1	Irishtown Left Ahead	U	C		1	34	-	381	1910	669	57.0%	-	-	-	3.5	32.6	9.2
3/1	John Broderick St Ahead Left	U	B		1	38	-	401	1831	714	56.2%	-	-	-	3.3	29.5	9.3
4/1	Sean Costello St Left Ahead	U	D		1	34	-	329	1879	658	50.0%	-	-	-	2.8	31.1	7.6
C1		PRC for Signalled Lanes (%):		57.9		57.9		Total Delay for Signalled Lanes (pcuHr):		12.16		Cycle Time (s):		100			
		PRC Over All Lanes (%):						Total Delay Over All Lanes(pcuHr):		12.16							

Basic Results Summary

Scenario 3: 'Option B AM' (FG3: 'Option B - AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



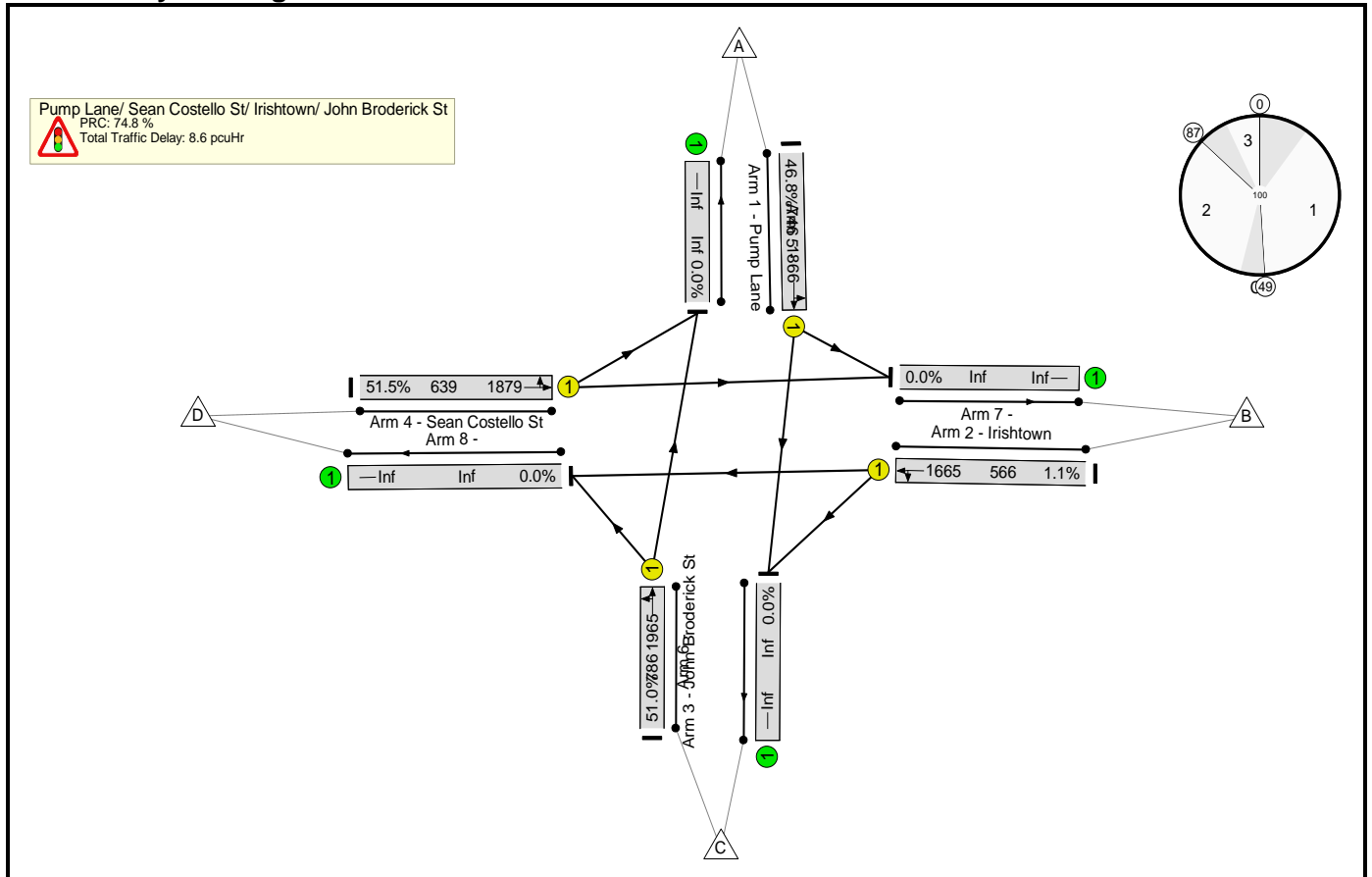
Network Results

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	-	-	-		-	-	-	-	-	-	38.7%	0	0	0	5.0	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	38.7%	0	0	0	5.0	-	-
1/1	Pump Lane Ahead Left	U	A		1	35	-	258	1875	675	38.2%	-	-	-	2.0	28.1	5.6
2/1	Irishtown Left Ahead	U	C		1	37	-	11	1665	633	1.7%	-	-	-	0.1	22.4	0.2
3/1	John Broderick St Ahead Left	U	B		1	35	-	124	1965	707	17.5%	-	-	-	0.9	25.0	2.4
4/1	Sean Costello St Left Ahead	U	D		1	37	-	277	1882	715	38.7%	-	-	-	2.1	26.6	5.9
C1		PRC for Signalled Lanes (%):		132.4		Total Delay for Signalled Lanes (pcuHr):		4.99		Cycle Time (s):		100					
		PRC Over All Lanes (%):		132.4		Total Delay Over All Lanes(pcuHr):		4.99									

Basic Results Summary

Scenario 4: 'Option B PM' (FG4: 'Option B - PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



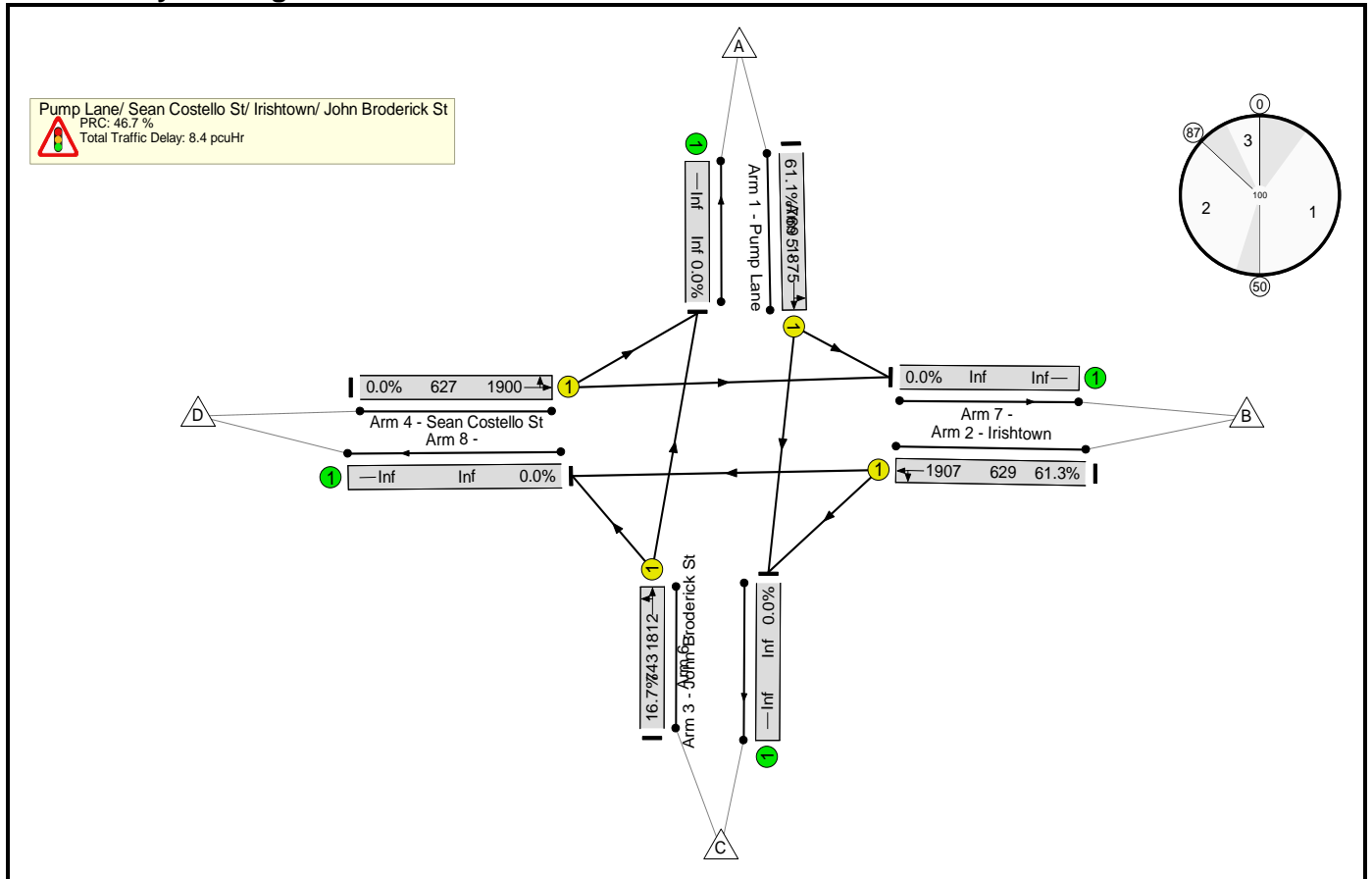
Network Results

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	-	-	-		-	-	-	-	-	-	51.5%	0	0	0	8.6	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	51.5%	0	0	0	8.6	-	-
1/1	Pump Lane Ahead Left	U	A		1	39	-	349	1866	746	46.8%	-	-	-	2.6	26.7	7.5
2/1	Irishtown Left Ahead	U	C		1	33	-	6	1665	566	1.1%	-	-	-	0.0	25.3	0.1
3/1	John Broderick St Ahead Left	U	B		1	39	-	401	1965	786	51.0%	-	-	-	3.0	27.3	8.9
4/1	Sean Costello St Left Ahead	U	D		1	33	-	329	1879	639	51.5%	-	-	-	2.9	32.2	7.8
C1		PRC for Signalled Lanes (%):					74.8	Total Delay for Signalled Lanes (pcuHr):					8.61	Cycle Time (s): 100			
		PRC Over All Lanes (%):					74.8	Total Delay Over All Lanes(pcuHr):					8.61				

Basic Results Summary

Scenario 5: 'Option C AM' (FG5: 'Option C - AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



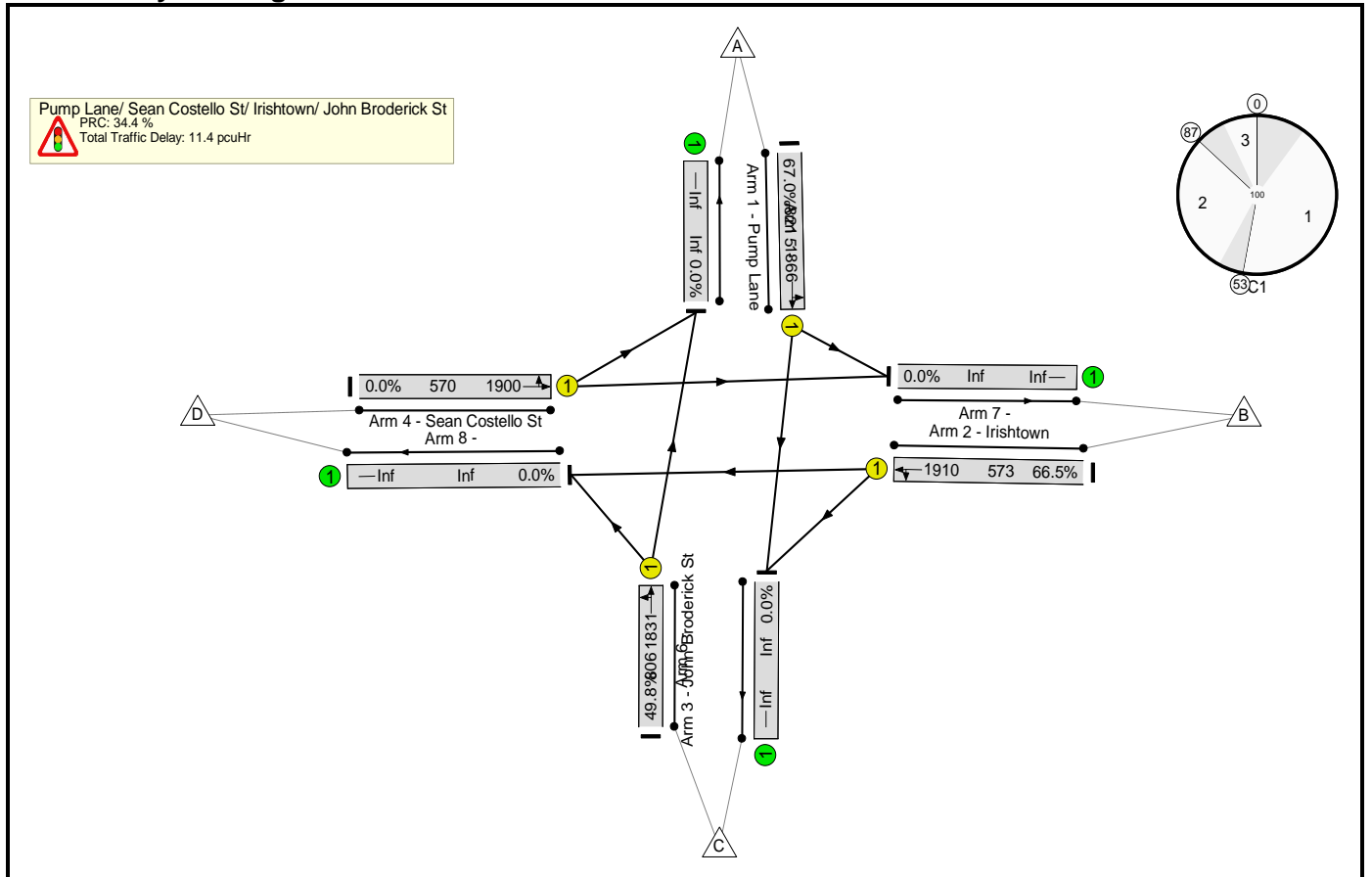
Network Results

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	-	-	-		-	-	-	-	-	-	61.3%	0	0	0	8.4	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	61.3%	0	0	0	8.4	-	-
1/1	Pump Lane Ahead Left	U	A		1	40	-	470	1875	769	61.1%	-	-	-	3.8	29.2	11.0
2/1	Irishtown Left Ahead	U	C		1	32	-	386	1907	629	61.3%	-	-	-	3.8	35.5	9.8
3/1	John Broderick St Ahead Left	U	B		1	40	-	124	1812	743	16.7%	-	-	-	0.7	21.6	2.3
4/1	Sean Costello St Left Ahead	U	D		1	32	-	0	1900	627	0.0%	-	-	-	0.0	0.0	0.0
C1		PRC for Signalised Lanes (%):		46.7		Total Delay for Signalised Lanes (pcuHr):		8.37		Cycle Time (s):		100					
		PRC Over All Lanes (%):		46.7		Total Delay Over All Lanes(pcuHr):		8.37									

Basic Results Summary

Scenario 6: 'Option C PM' (FG6: 'Option C - PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



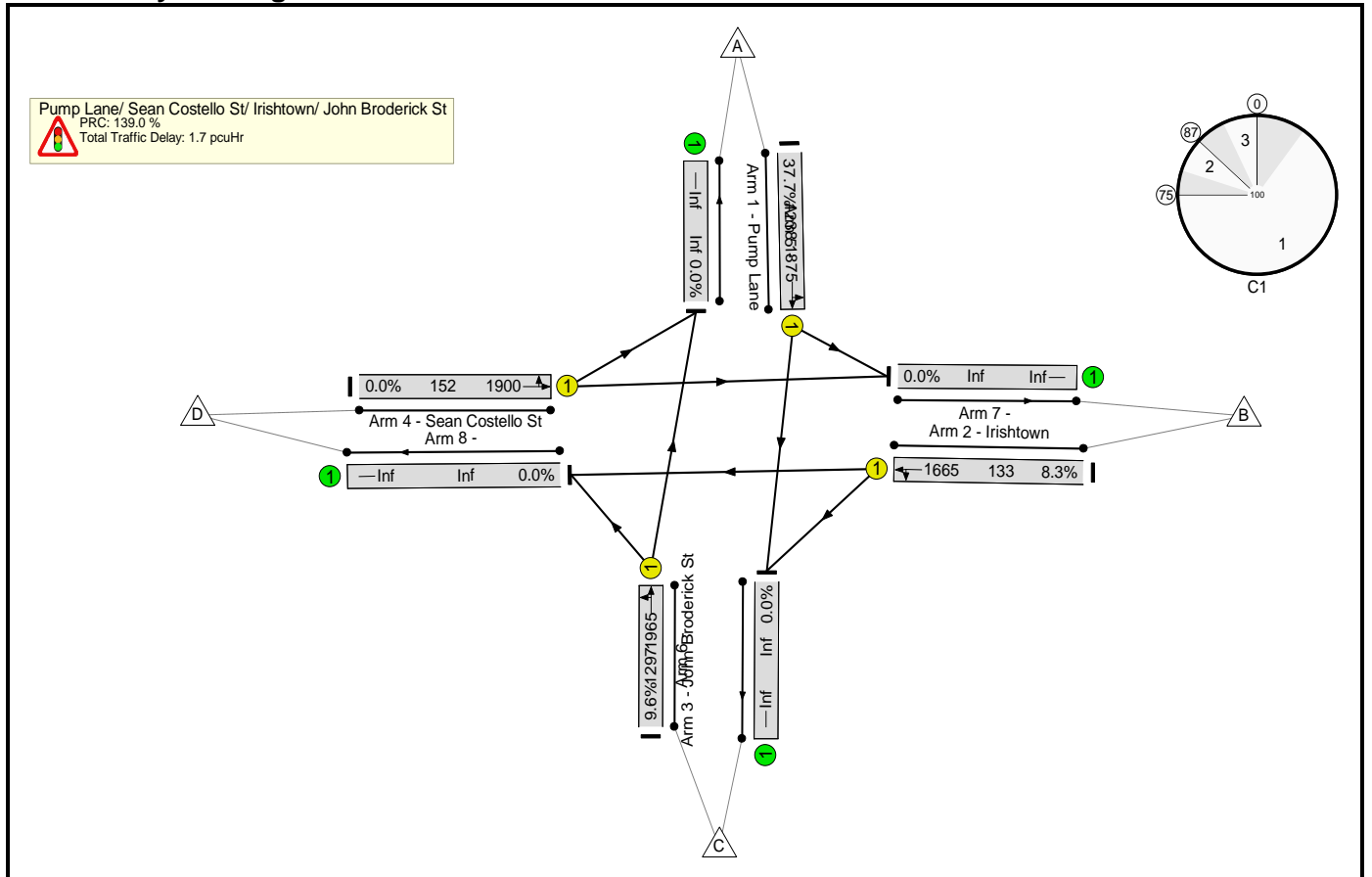
Network Results

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	-	-	-		-	-	-	-	-	-	67.0%	0	0	0	11.4	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	67.0%	0	0	0	11.4	-	-
1/1	Pump Lane Ahead Left	U	A		1	43	-	550	1866	821	67.0%	-	-	-	4.4	28.8	13.1
2/1	Irishtown Left Ahead	U	C		1	29	-	381	1910	573	66.5%	-	-	-	4.2	39.9	10.2
3/1	John Broderick St Ahead Left	U	B		1	43	-	401	1831	806	49.8%	-	-	-	2.7	24.5	8.4
4/1	Sean Costello St Left Ahead	U	D		1	29	-	0	1900	570	0.0%	-	-	-	0.0	0.0	0.0
C1		PRC for Signalled Lanes (%):		34.4		Total Delay for Signalled Lanes (pcuHr):		11.36		Cycle Time (s):		100					
		PRC Over All Lanes (%):		34.4		Total Delay Over All Lanes(pcuHr):		11.36									

Basic Results Summary

Scenario 7: 'Option D AM' (FG7: 'Option D- AM ', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



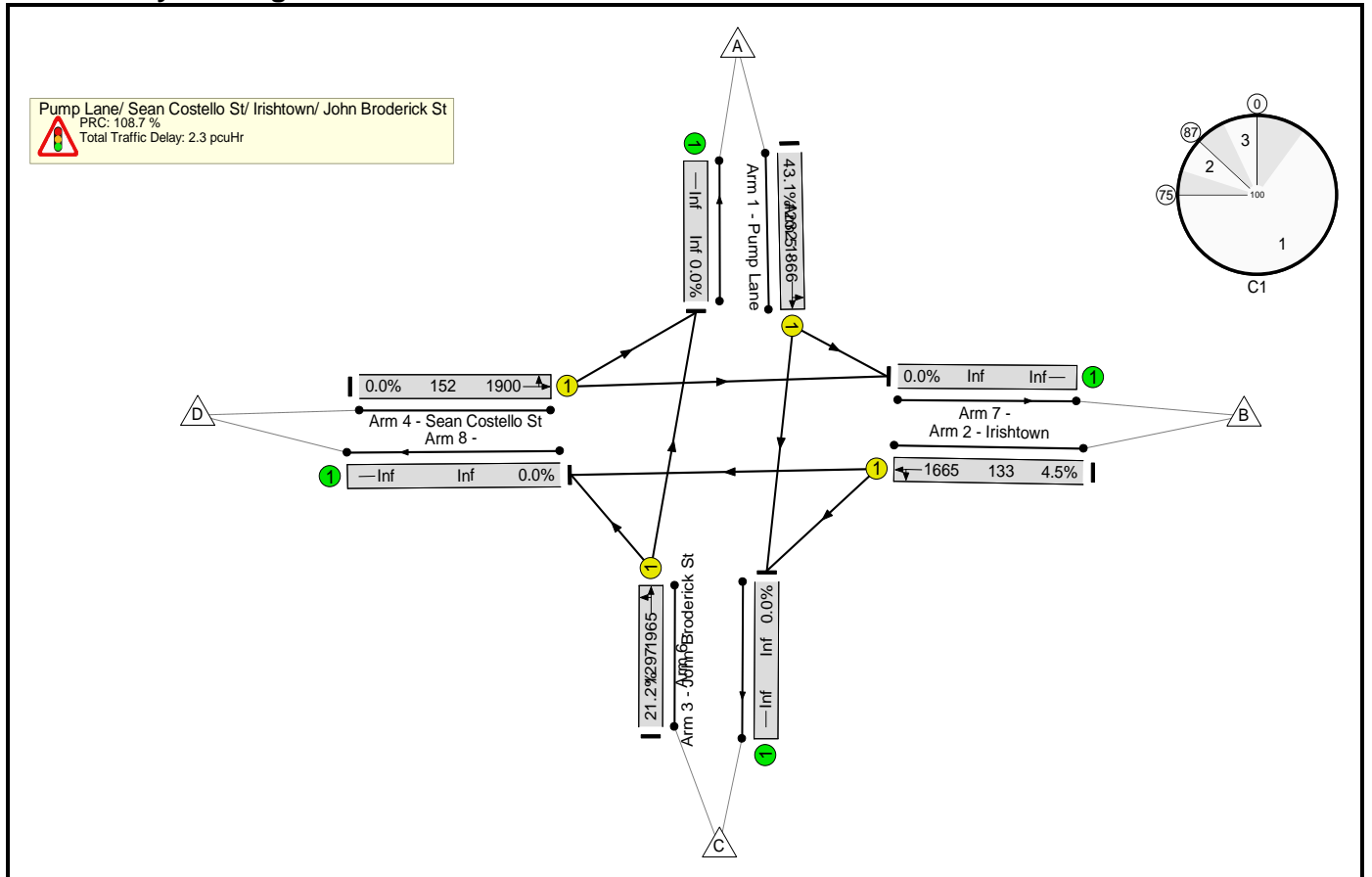
Network Results

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	-	-	-		-	-	-	-	-	-	37.7%	0	0	0	1.7	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	37.7%	0	0	0	1.7	-	-
1/1	Pump Lane Ahead Left	U	A		1	65	-	466	1875	1238	37.7%	-	-	-	1.3	10.0	6.1
2/1	Irishtown Left Ahead	U	C		1	7	-	11	1665	133	8.3%	-	-	-	0.2	57.5	0.3
3/1	John Broderick St Ahead Left	U	B		1	65	-	124	1965	1297	9.6%	-	-	-	0.3	7.7	1.3
4/1	Sean Costello St Left Ahead	U	D		1	7	-	0	1900	152	0.0%	-	-	-	0.0	0.0	0.0
C1		PRC for Signalled Lanes (%):		139.0		Total Delay for Signalled Lanes (pcuHr):		1.74		Cycle Time (s):		100					
		PRC Over All Lanes (%):		139.0		Total Delay Over All Lanes(pcuHr):		1.74									

Basic Results Summary

Scenario 8: 'Option D PM' (FG8: 'Option D - PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Network Results

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	-	-	-		-	-	-	-	-	-	43.1%	0	0	0	2.3	-	-
Pump Lane/ Sean Costello St/ Irishtown/ John Broderick St	-	-	-		-	-	-	-	-	-	43.1%	0	0	0	2.3	-	-
1/1	Pump Lane Ahead Left	U	A		1	65	-	531	1866	1232	43.1%	-	-	-	1.6	10.6	7.3
2/1	Irishtown Left Ahead	U	C		1	7	-	6	1665	133	4.5%	-	-	-	0.1	56.9	0.2
3/1	John Broderick St Ahead Left	U	B		1	65	-	275	1965	1297	21.2%	-	-	-	0.6	8.5	3.1
4/1	Sean Costello St Left Ahead	U	D		1	7	-	0	1900	152	0.0%	-	-	-	0.0	0.0	0.0
C1		PRC for Signalled Lanes (%):		108.7		Total Delay for Signalled Lanes (pcuHr):		2.31		Cycle Time (s):		100					
		PRC Over All Lanes (%):		108.7		Total Delay Over All Lanes(pcuHr):		2.31									