

Basic Results Summary

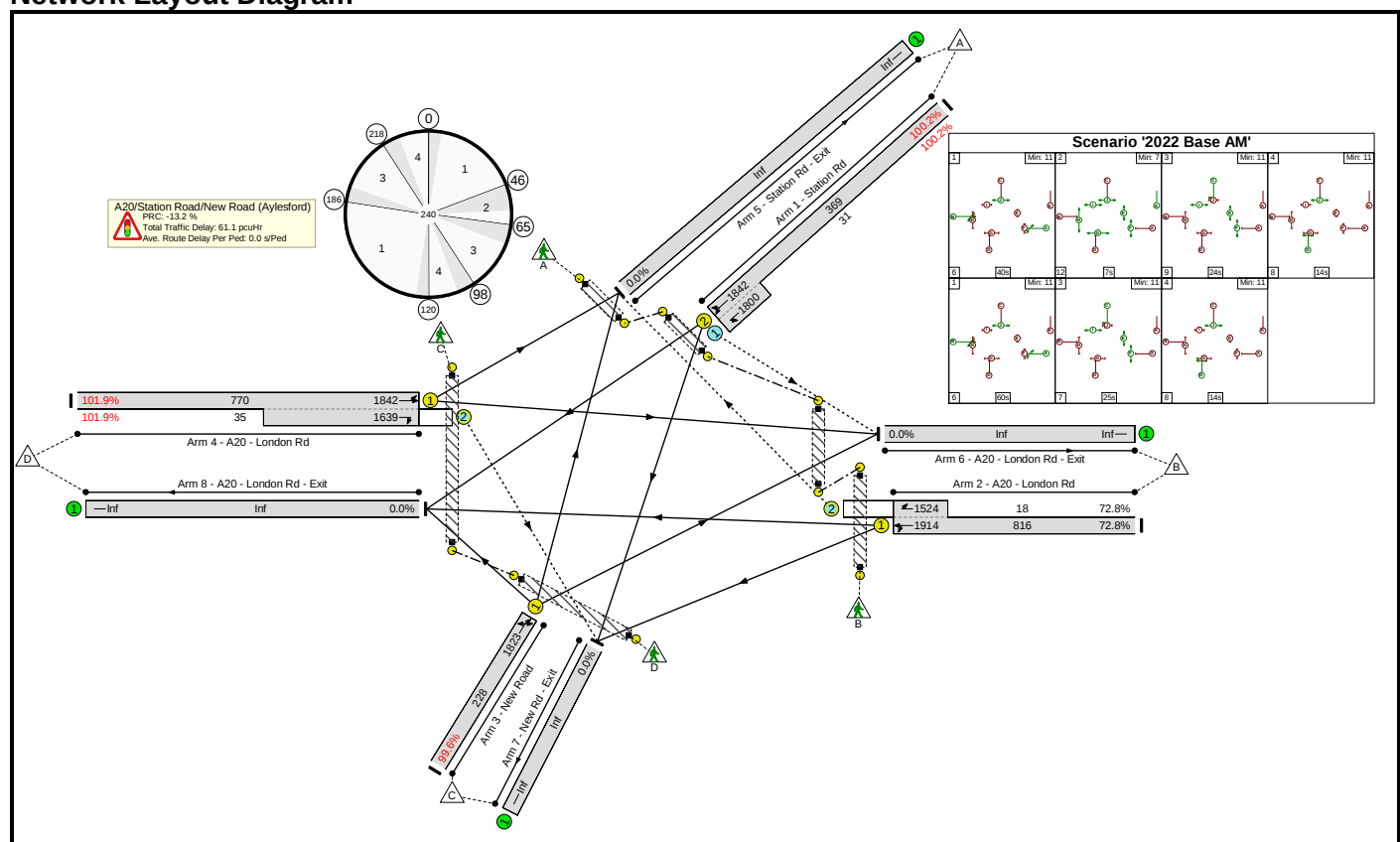
Basic Results Summary

User and Project Details

Project:	Kent Model Custodianship
Title:	Maidstone LP Modelling
Location:	A20/Station Road/New Road (Aylesford)
Client:	Kent County Council
Date Started:	16/02/2023
Checked By:	BS
Additional detail:	
File name:	J12 A20 Station Rd_v1.lsg3x
Author:	SSK
Company:	Jacobs LTD
Address:	2nd floor Cottons Centre, Cottons Lane, London SE1 2QG, United Kingdom

Scenario 1: '2022 Base AM' (FG5: '2022 Base AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

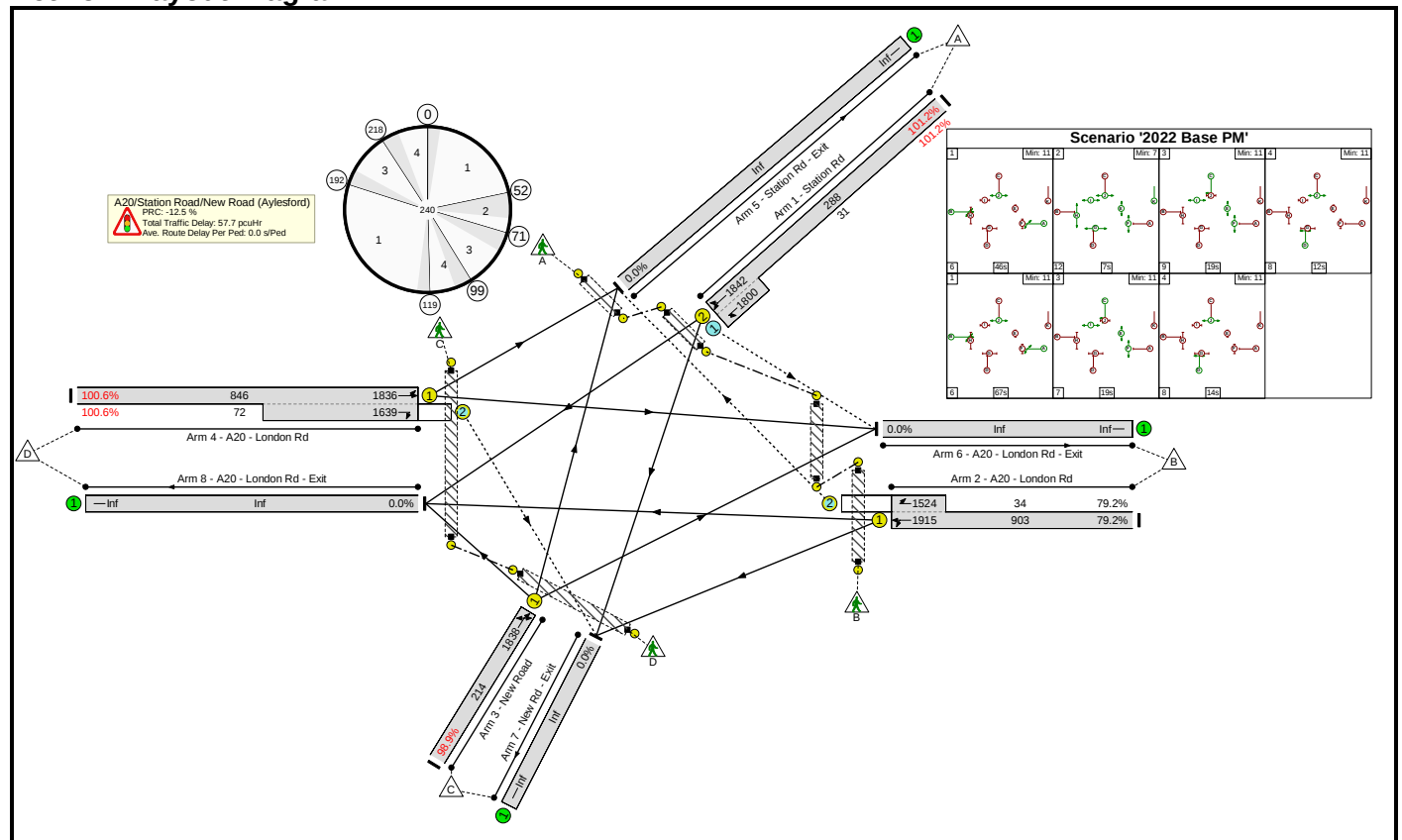
Network Results

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: Maidstone LP Modelling	-	-	-		-	-	-	-	-	-	101.9%	43	23	13	61.1	-	-
A20/Station Road/New Road (Aylesford)	-	-	-		-	-	-	-	-	-	101.9%	43	23	13	61.1	-	-
1/2+1/1	Station Rd U-Turn Ahead Ahead2	U+O	C -		2	49	-	401	1842:1800	369+31	100.2 : 100.2%	8	23	0	15.4	138.5	23.6
2/1+2/2	A20 - London Rd U-Turn Left Ahead	U+O	A		2	102	-	607	1914:1524	816+18	72.8 : 72.8%	0	0	13	6.3	37.2	20.6
3/1	New Road Ahead Right Left	U	D		2	28	-	227	1823	228	99.6%	-	-	-	10.6	168.5	14.8
4/1+4/2	A20 - London Rd Ahead Ahead2 Right	U+O	B		2	100	-	821	1842:1639	770+35	101.9 : 101.9%	35	0	0	28.7	126.0	53.6
Ped Link: P1	Unnamed Ped Link	-	J		2	165	-	0	-	49500	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P2	Unnamed Ped Link	-	I		2	72	-	0	-	21600	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P3	Unnamed Ped Link	-	F		2	80	-	0	-	24000	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P4	Unnamed Ped Link	-	E		2	70	-	0	-	21000	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P5	Unnamed Ped Link	-	H		1	7	-	0	-	2100	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P6	Unnamed Ped Link	-	G		1	7	-	0	-	2100	0.0%	-	-	-	0.0	0.0	0.0
C1 PRC for Signalled Lanes (%): -13.2 PRC Over All Lanes (%): -13.2 Total Delay for Signalled Lanes (pcuHr): 61.07 Total Delay Over All Lanes(pcuHr): 61.07 Cycle Time (s): 240																	

Basic Results Summary

Scenario 2: '2022 Base PM' (FG6: '2022 Base PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

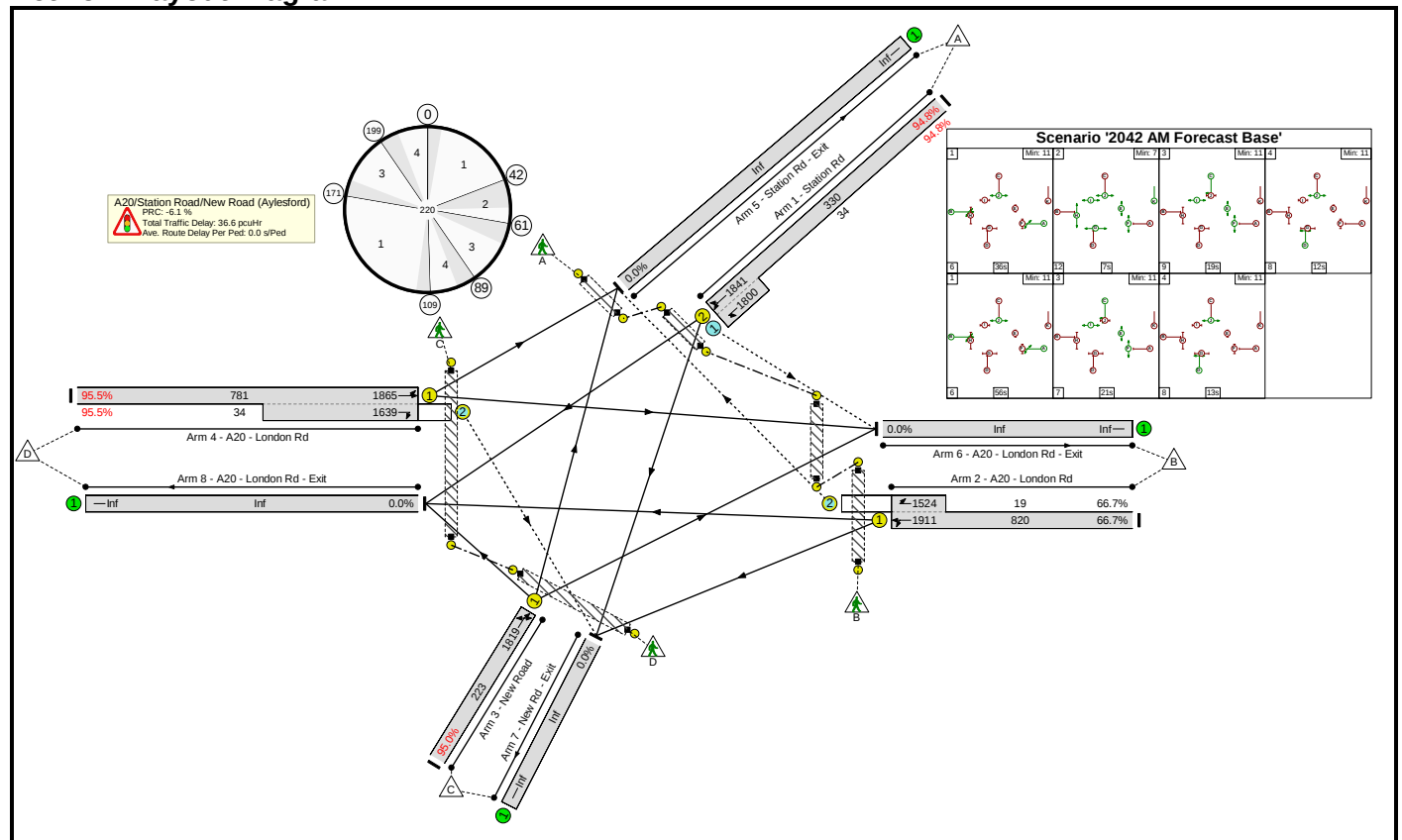


Network Results

Basic Results Summary

Scenario 3: '2042 AM Forecast Base' (FG1: '2042 AM Forecast Base', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



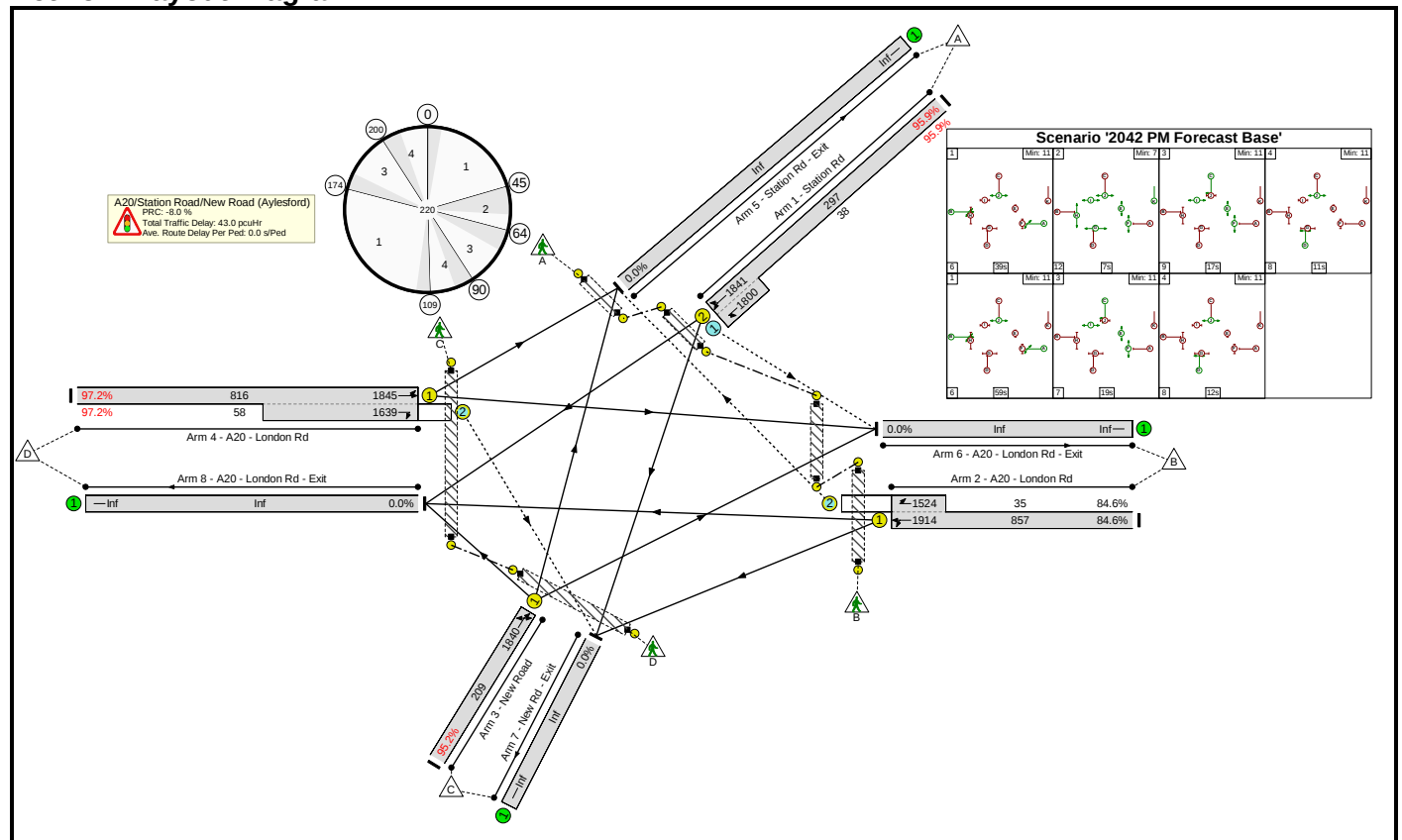
Network Results

C1	PRC for Signalled Lanes (%):	-6.1	Total Delay for Signalled Lanes (pcuHr):	36.60	Cycle Time (s): 220
	PRC Over All Lanes (%):	-6.1	Total Delay Over All Lanes(pcuHr):	36.60	

Basic Results Summary

Scenario 4: '2042 PM Forecast Base' (FG2: '2042 PM Forecast Base', Plan 1: 'Network Control Plan 1')

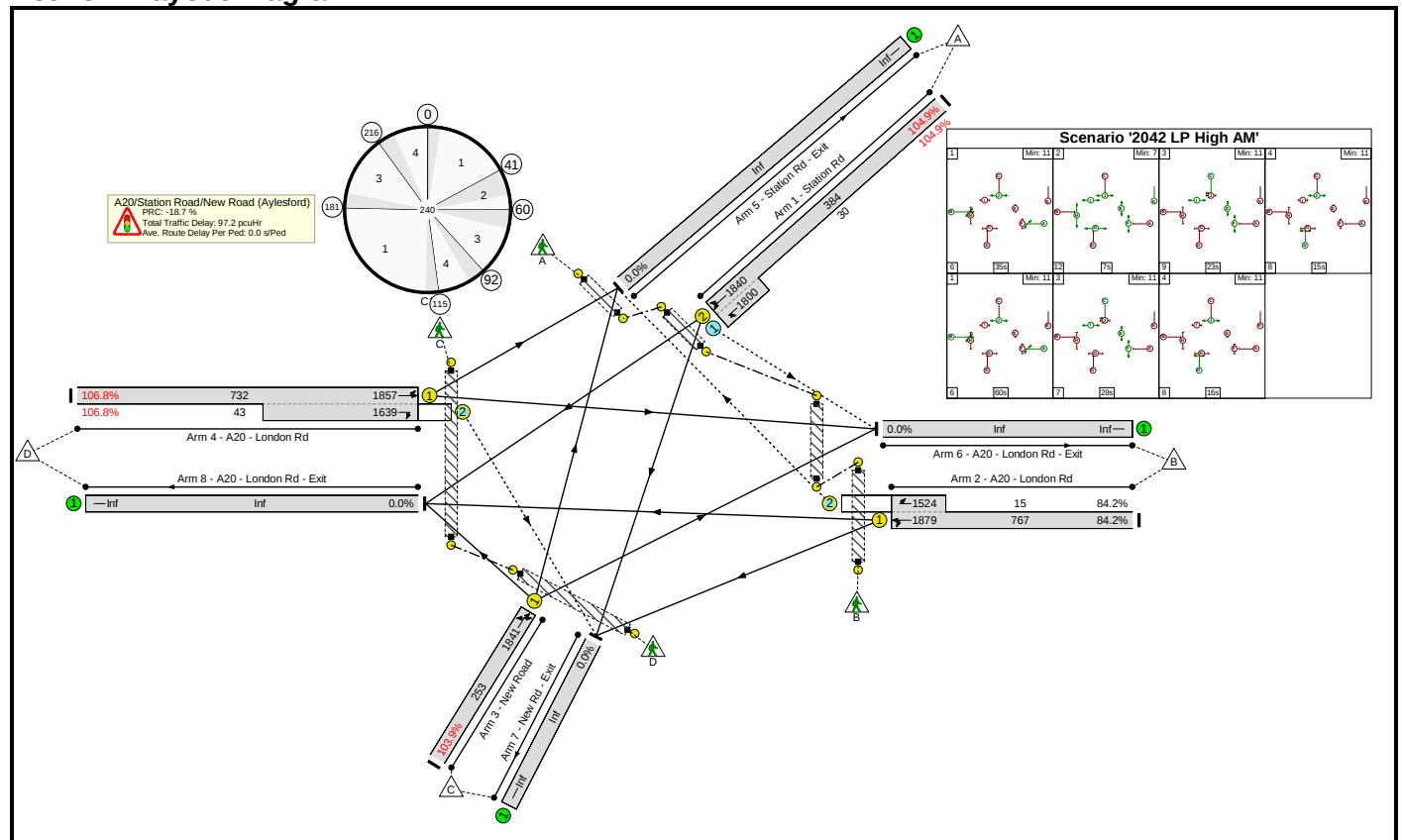
Network Layout Diagram



Network Results

C1	PRC for Signalled Lanes (%):	-8.0	Total Delay for Signalled Lanes (pcuHr):	42.97	Cycle Time (s): 220
	PRC Over All Lanes (%):	-8.0	Total Delay Over All Lanes(pcuHr):	42.97	

Network Layout Diagram

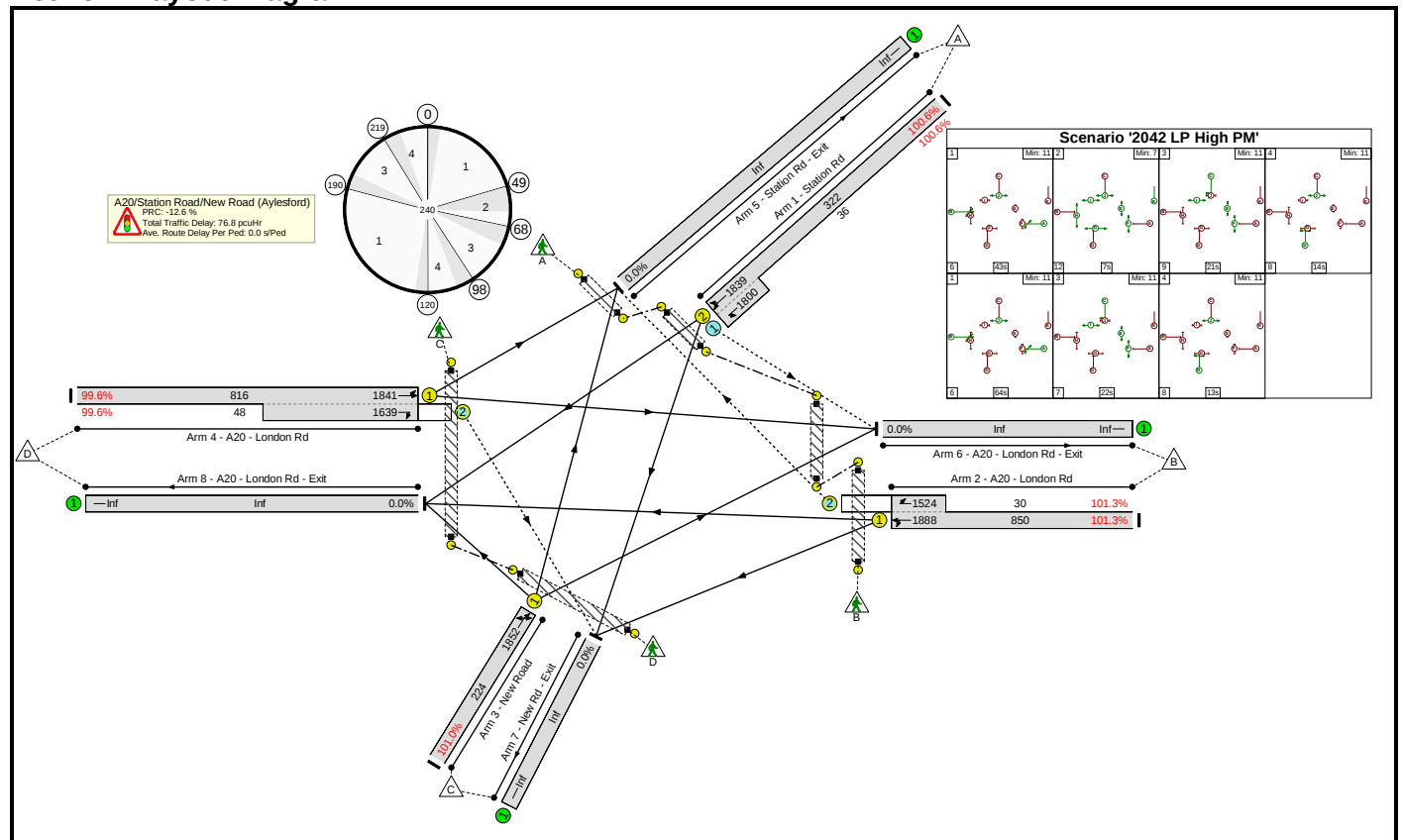


Network Results

Basic Results Summary

Scenario 6: '2042 LP High PM' (FG4: '2040 LP High PM', 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: Maidstone LP Modelling	-	-	-		-	-	-	-	-	-	101.3%	14	24	76	76.8	-	-
A20/Station Road/New Road (Aylesford)	-	-	-		-	-	-	-	-	-	101.3%	14	24	76	76.8	-	-
1/2+1/1	Station Rd U-Turn Ahead Ahead2	U+O	C -		2	43	-	360	1839:1800	322+36	100.6 : 100.6%	12	24	0	14.8	148.2	22.0
2/1+2/2	A20 - London Rd U-Turn Left Ahead	U+O	A		2	109	-	891	1888:1524	850+30	101.3 : 101.3%	2	0	28	28.0	113.0	55.8
3/1	New Road Ahead Right Left	U	D		2	27	-	226	1852	224	101.0%	-	-	-	11.8	187.8	16.1
4/1+4/2	A20 - London Rd Ahead Ahead2 Right	U+O	B		2	107	-	860	1841:1639	816+48	99.6 : 99.6%	0	0	48	22.2	93.0	46.5
Ped Link: P1	Unnamed Ped Link	-	J		2	171	-	0	-	51300	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P2	Unnamed Ped Link	-	I		2	66	-	0	-	19800	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P3	Unnamed Ped Link	-	F		2	74	-	0	-	22200	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P4	Unnamed Ped Link	-	E		2	64	-	0	-	19200	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P5	Unnamed Ped Link	-	H		1	7	-	0	-	2100	0.0%	-	-	-	0.0	0.0	0.0
Ped Link: P6	Unnamed Ped Link	-	G		1	7	-	0	-	2100	0.0%	-	-	-	0.0	0.0	0.0
C1 PRC for Signalled Lanes (%): -12.6 PRC Over All Lanes (%): -12.6 Total Delay for Signalled Lanes (pcuHr): 76.78 Total Delay Over All Lanes(pcuHr): 76.78 Cycle Time (s): 240																	