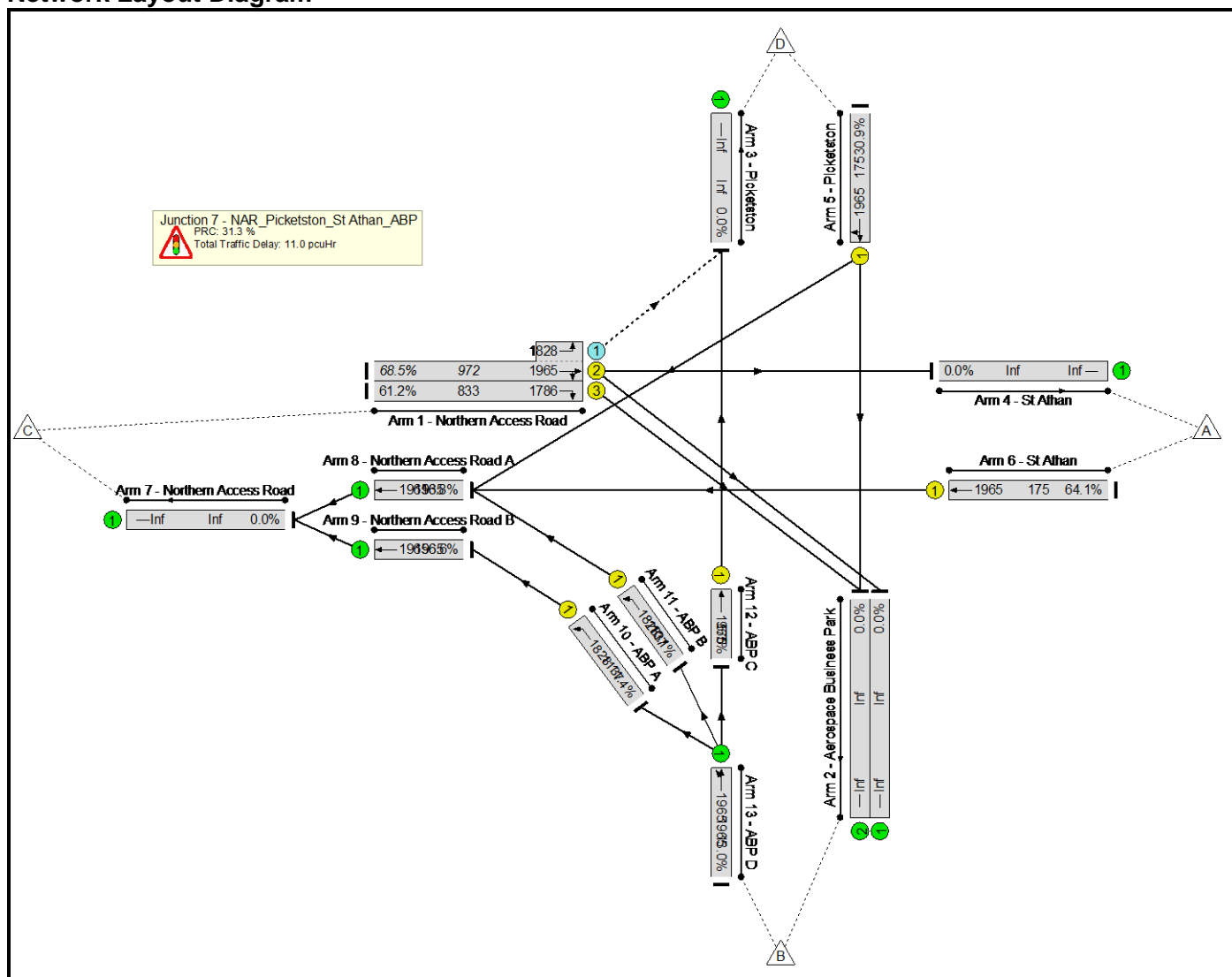


Basic Results Summary
Basic Results Summary

User and Project Details

Project:	Northern Access Road
Title:	NAR_Picketston_ABP_St Athan
Location:	
File name:	Junction F - NAR_Picketston_ABP_St Athan V5.lsg3x
Author:	Ben Jones
Company:	WYG Group
Address:	Cardiff
Notes:	

Scenario 1: '2029 Base AM' (FG1: '2029 Base AM', Plan 1: 'Network Control Plan 1')
Network Layout Diagram



Basic Results Summary

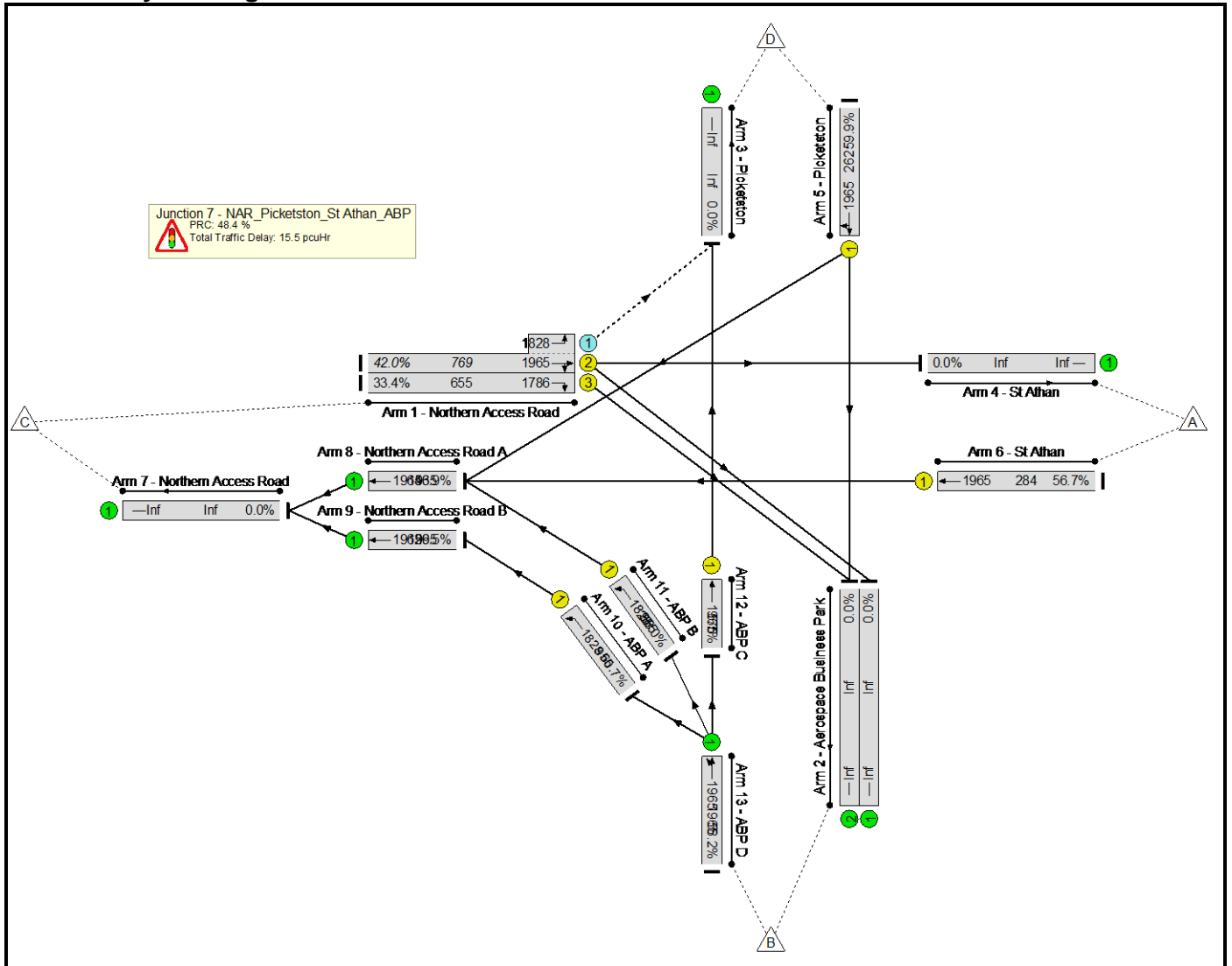
Network Results

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: NAR_Picketston_ABP_St Athan	-	-	-		-	-	-	-	-	-	68.5%	0	170	0	11.0	-	-
Junction 7 - NAR_Picketston_St Athan_ABP	-	-	-		-	-	-	-	-	-	68.5%	0	170	0	11.0	-	-
1/2+1/1	Northern Access Road Right Left Ahead	U+O	E -		1	41	-	666	1965:1828	972	68.5%	0	170	0	3.8	20.7	12.5
1/3	Northern Access Road Right	U	E		1	41	-	510	1786	833	61.2%	-	-	-	3.3	23.5	10.3
5/1	Picketston Ahead Right	U	A		1	7	-	54	1965	175	30.9%	-	-	-	0.8	53.3	1.5
6/1	St Athan Ahead	U	B		1	7	-	112	1965	175	64.1%	-	-	-	2.1	67.6	3.5
8/1	Northern Access Road A Ahead	U	-		-	-	-	271	1965	1965	13.8%	-	-	-	0.1	1.1	0.1
9/1	Northern Access Road B Ahead	U	-		-	-	-	130	1965	1965	6.6%	-	-	-	0.0	1.0	0.0
10/1	ABP A Left	U	D		1	55	-	130	1828	1137	11.4%	-	-	-	0.3	8.7	1.4
11/1	ABP B Left	U	D		1	55	-	115	1828	1137	10.1%	-	-	-	0.3	8.6	1.2
12/1	ABP C Ahead	U	C		1	7	-	10	1965	175	5.7%	-	-	-	0.1	48.7	0.3
13/1	ABP D Ahead Ahead2 Ahead3	U	-		-	-	-	255	1965	1965	13.0%	-	-	-	0.1	1.1	0.1
C1						PRC for Signalled Lanes (%):	31.3	Total Delay for Signalled Lanes (pcuHr):			10.77	Cycle Time (s):			90		
						PRC Over All Lanes (%):	31.3	Total Delay Over All Lanes(pcuHr):			10.96						

Basic Results Summary

Scenario 2: '2029 Base PM' (FG2: '2029 Base 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: NAR_Picketston_ABP_St Athan	-	-	-		-	-	-	-	-	-	60.7%	3	64	0	15.5	-	-	
Junction 7 - NAR_Picketston_St Athan_ABP	-	-	-		-	-	-	-	-	-	60.7%	3	64	0	15.5	-	-	
1/2+1/1	Northern Access Road Right Left Ahead	U+O	E -		1	32	-	323	1965:1828	769	42.0%	3	64	0	1.9	20.7	5.3	
1/3	Northern Access Road Right	U	E		1	32	-	219	1786	655	33.4%	-	-	-	1.5	24.7	4.1	
5/1	Picketston Ahead Right	U	A		1	11	-	157	1965	262	59.9%	-	-	-	2.3	53.7	4.4	
6/1	St Athan Ahead	U	B		1	12	-	161	1965	284	56.7%	-	-	-	2.3	50.4	4.4	
8/1	Northern Access Road A Ahead	U	-		-	-	-	862	1965	1965	43.9%	-	-	-	0.4	1.6	0.4	
9/1	Northern Access Road B Ahead	U	-		-	-	-	579	1965	1965	29.5%	-	-	-	0.2	1.3	0.2	
10/1	ABP A Left	U	D		1	46	-	579	1828	955	60.7%	-	-	-	3.2	19.8	10.7	
11/1	ABP B Left	U	D		1	46	-	554	1828	955	58.0%	-	-	-	3.0	19.2	10.1	
12/1	ABP C Ahead	U	C		1	7	-	10	1965	175	5.7%	-	-	-	0.1	48.7	0.3	
13/1	ABP D Ahead Ahead2 Ahead3	U	-		-	-	-	1143	1965	1965	58.2%	-	-	-	0.7	2.2	0.7	
C1		PRC for Signalled Lanes (%):				48.4		Total Delay for Signalled Lanes (pcuHr):				14.23		Cycle Time (s): 90				
		PRC Over All Lanes (%):				48.4		Total Delay Over All Lanes(pcuHr):				15.53						