



Norwich Western Link

Transport Assessment - Appendix 11 – Junction Model Results

Sub Appendix 11m – Junction 16 A1067 Fakenham Road/ Fir Covert Road/ Beech Avenue staggered crossroads

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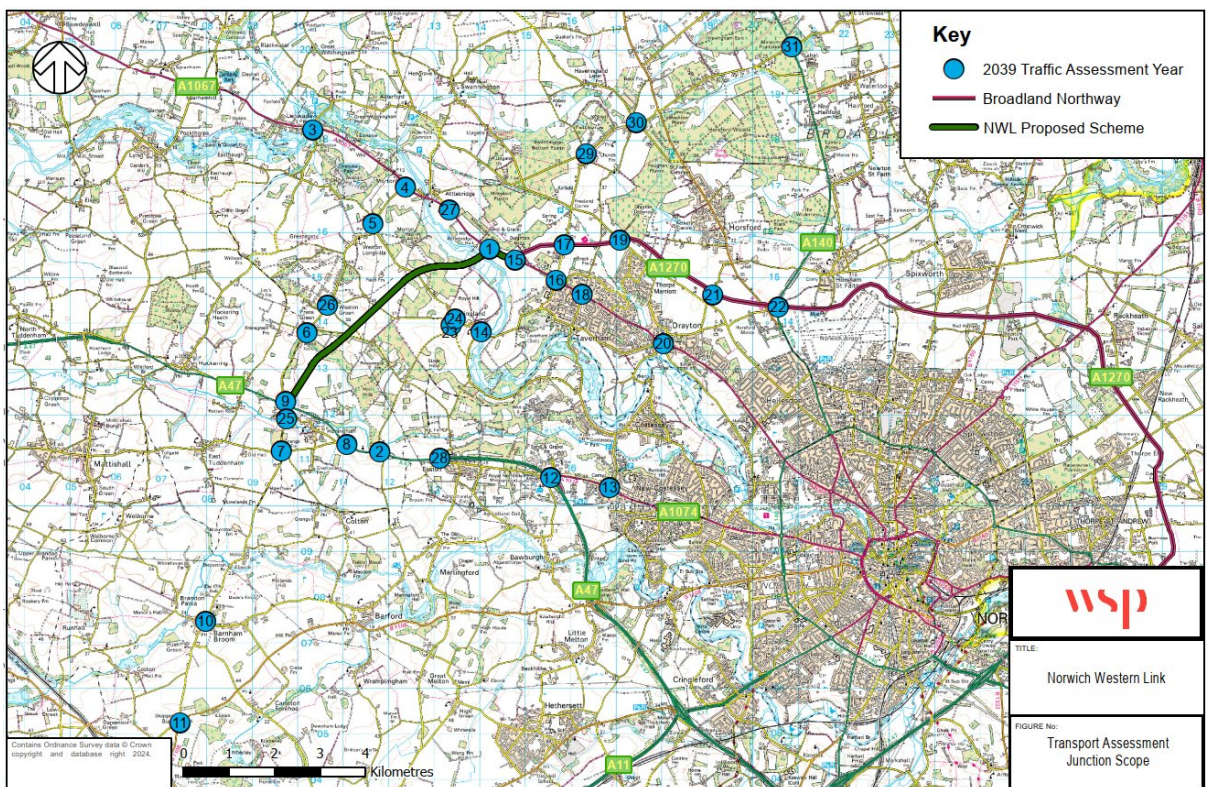
1 Junction Model Results

1.1.1 Junctions 10 modelling software output file that shows the junction capacity results for Junction 16 of the TA.

1.1.2 We have included a summary of key information shown in this document in an accessible format. However, some users may not be able to access all technical details. If you require this document in a more accessible format please contact norwichwesternlink@norfolk.gov.uk

1.1.3 The TA scope map is shown below as a location plan.

Figure 1-1 Junction Assessment Scope



1.1.4 The model results are presented for 2029 and 2039 future assessment years for AM and PM peak hours, taking 7.30-8.30am and AM peak and 5pm-6pm as PM peak.



1.1.5 The scenarios tested are as follows:

- Do Minimum – the baseline future situation with committed developments and planned highway improvements but without the Proposed Scheme.
- Do Something - the baseline future situation with the Proposed Scheme.
- Do Something + Mitigation - the baseline future situation with the Proposed Scheme added plus a package of traffic mitigation measures in the wider network (north of A1067 and south of A47 plus Honingham Lane closure).



J16 – A1067 Fakenham Road/ Fir Covert Road/ Beech Avenue staggered crossroads Results

Basic Results Summary
Basic Results Summary

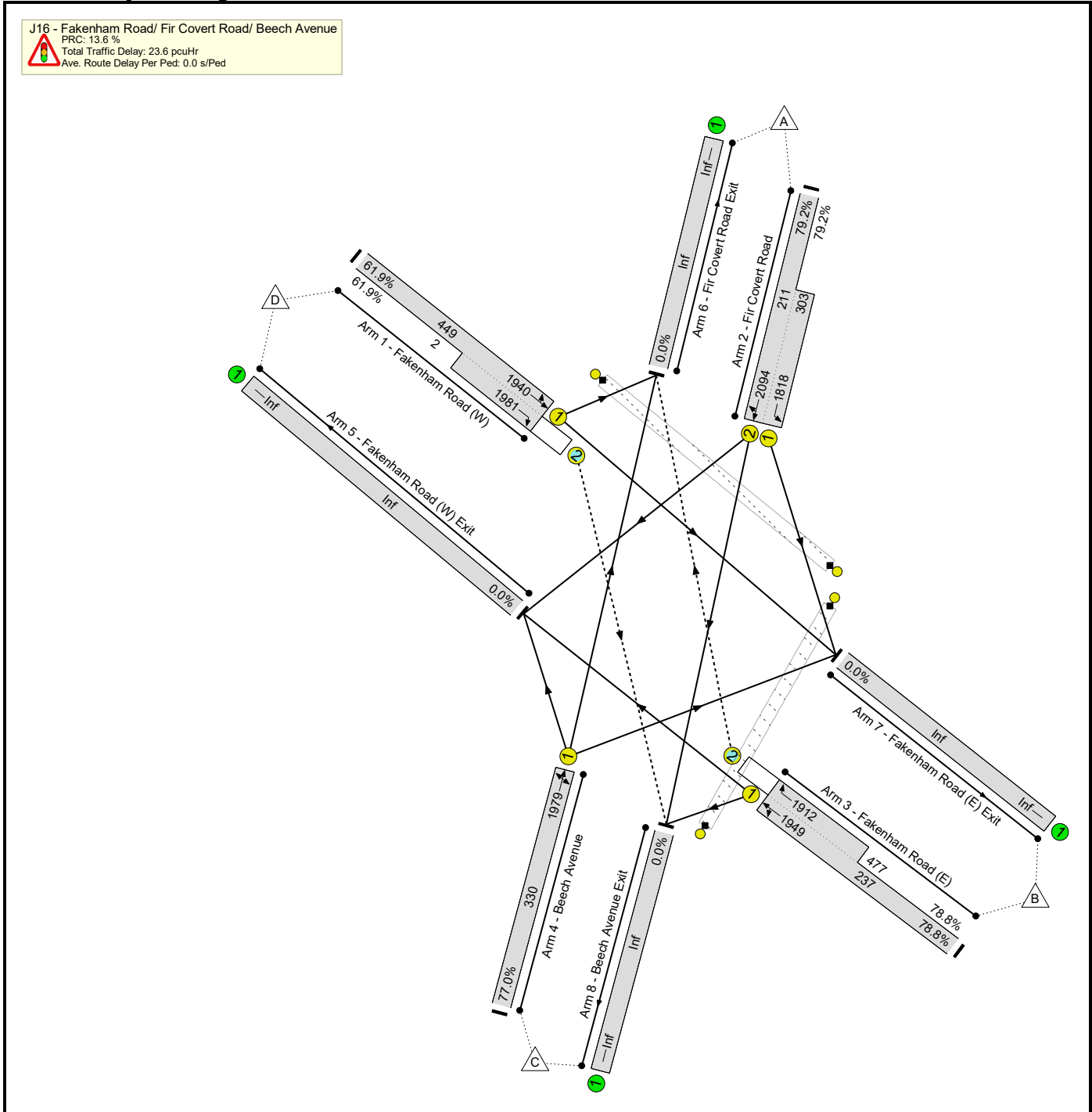
User and Project Details

Project:	
Title:	
Location:	
Additional detail:	
File name:	J16_Mitigation.lsg3x
Author:	
Company:	
Address:	

Basic Results Summary

Scenario 1: '2029DM AM' (FG1: '2029DM AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram



Basic Results Summary

Network Results

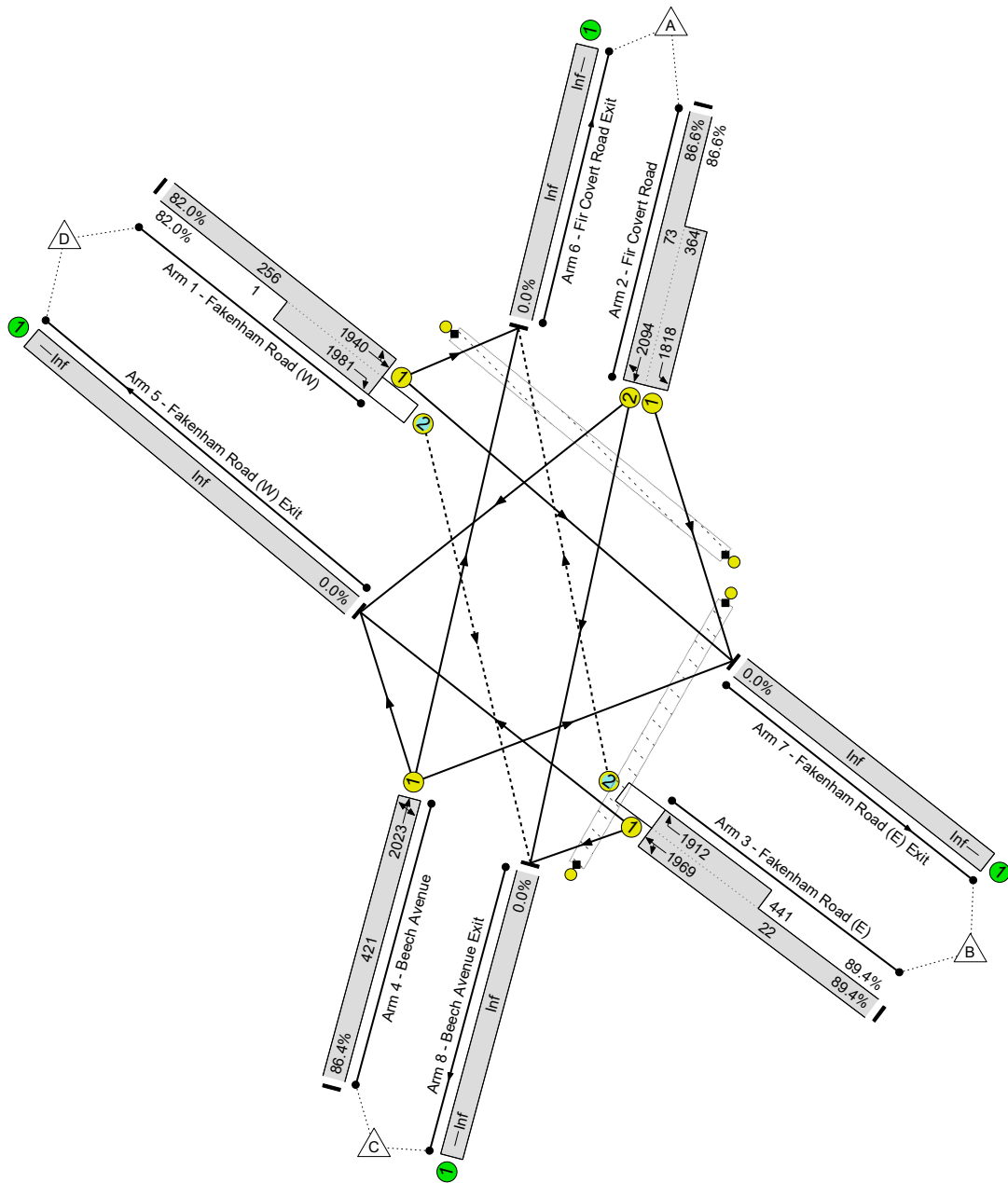
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	79.2%	115	252	9	23.6	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	79.2%	115	252	9	23.6	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	27	-	279	1940:1981	449+2	61.9 : 61.9%	1	0	0	4.0	51.5	9.1	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	19	-	407	2094:1818	211+303	79.2 : 79.2%	-	-	-	7.1	63.2	9.5	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	48	14	563	1949:1912	237+477	78.8 : 78.8%	114	252	9	7.5	48.0	13.3	
4/1	Beech Avenue Left Ahead Right	U	D		1	19	-	254	1979	330	77.0%	-	-	-	5.0	70.6	9.6	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		13.6		Total Delay for Signalled Lanes (pcuHr):				23.63		Cycle Time (s): 120				
				PRC Over All Lanes (%):		13.6		Total Delay Over All Lanes(pcuHr):				23.63						

Basic Results Summary

Scenario 2: '2029DM PM' (FG2: '2029DM PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 0.6 %
Total Traffic Delay: 29.2 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

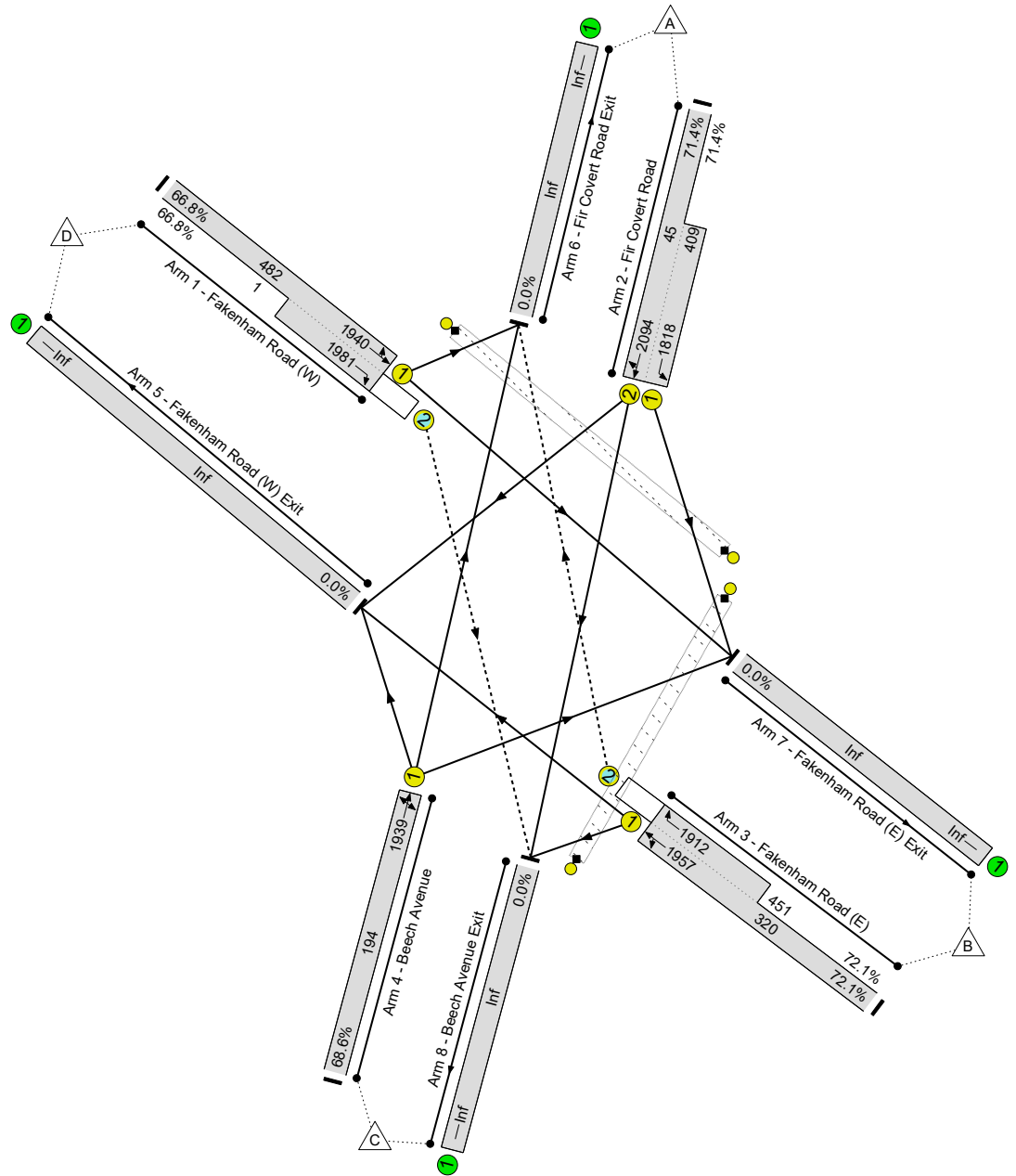
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	89.4%	32	335	29	29.2	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	89.4%	32	335	29	29.2	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	15	-	211	1940:1981	256+1	82.0 : 82.0%	1	0	0	5.1	86.2	8.9	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	23	-	378	2094:1818	73+364	86.6 : 86.6%	-	-	-	7.7	73.3	13.1	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	39	17	414	1969:1912	22+441	89.4 : 89.4%	31	335	29	8.9	77.5	16.4	
4/1	Beech Avenue Left Ahead Right	U	D		1	24	-	364	2023	421	86.4%	-	-	-	7.5	74.3	14.5	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		0.6		Total Delay for Signalled Lanes (pcuHr):				29.18		Cycle Time (s): 120				
				PRC Over All Lanes (%):		0.6		Total Delay Over All Lanes(pcuHr):				29.18						

Basic Results Summary

Scenario 3: '2029DS AM' (FG3: '2029DS AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 24.8 %
Total Traffic Delay: 19.3 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

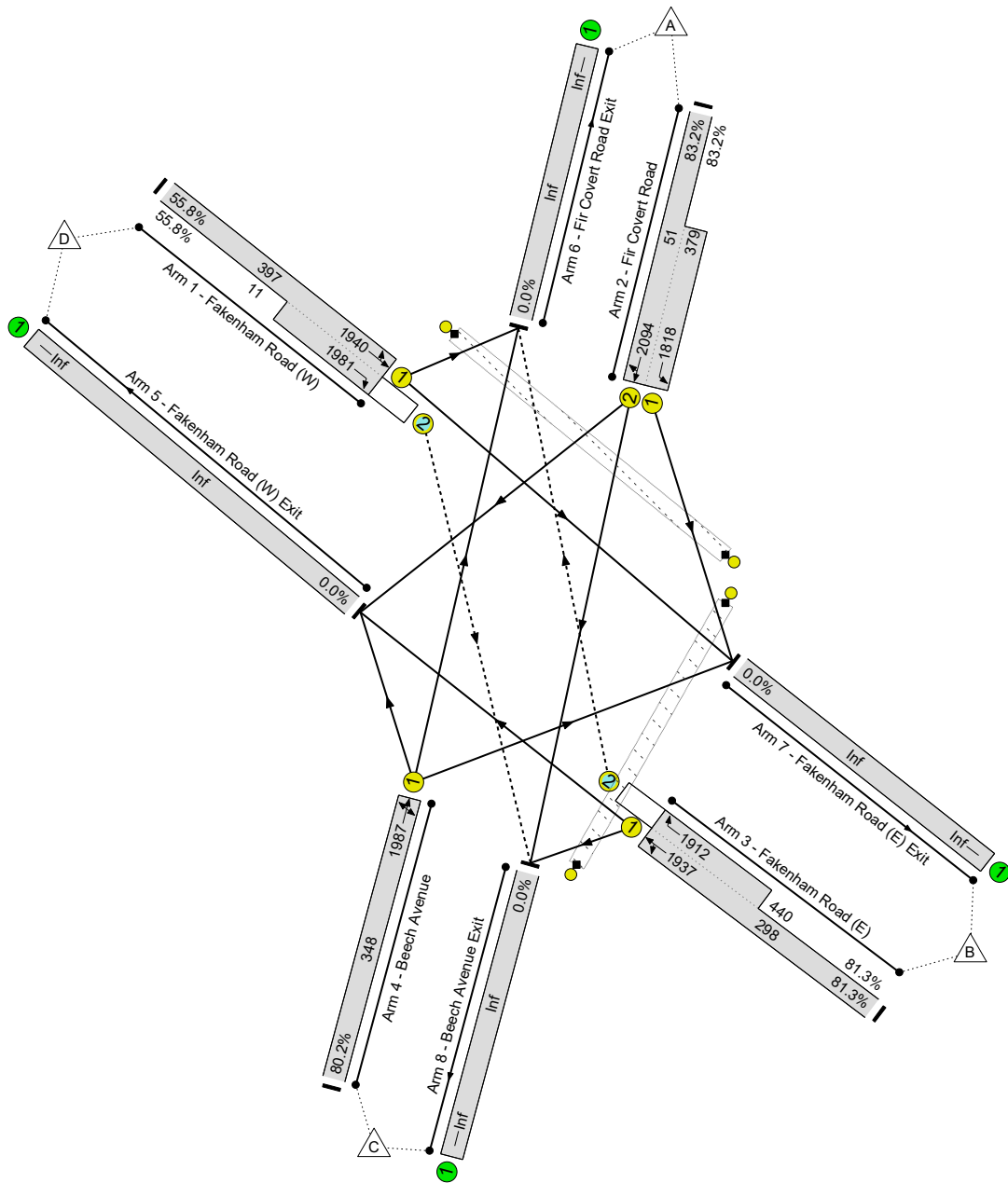
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	72.1%	108	210	8	19.3	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	72.1%	108	210	8	19.3	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	29	-	323	1940:1981	482+1	66.8 : 66.8%	1	0	0	4.6	51.6	10.7	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	26	-	324	2094:1818	45+409	71.4 : 71.4%	-	-	-	5.0	55.9	10.1	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	49	13	556	1957:1912	320+451	72.1 : 72.1%	107	210	8	6.6	42.9	11.1	
4/1	Beech Avenue Left Ahead Right	U	D		1	11	-	133	1939	194	68.6%	-	-	-	3.0	80.7	5.3	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		24.8		Total Delay for Signalled Lanes (pcuHr):				19.27		Cycle Time (s): 120				
				PRC Over All Lanes (%):		24.8		Total Delay Over All Lanes(pcuHr):				19.27						

Basic Results Summary

Scenario 4: '2029DS PM' (FG4: '2029DS PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
 PRC: 8.2 %
 Total Traffic Delay: 24.1 pcuHr
 Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

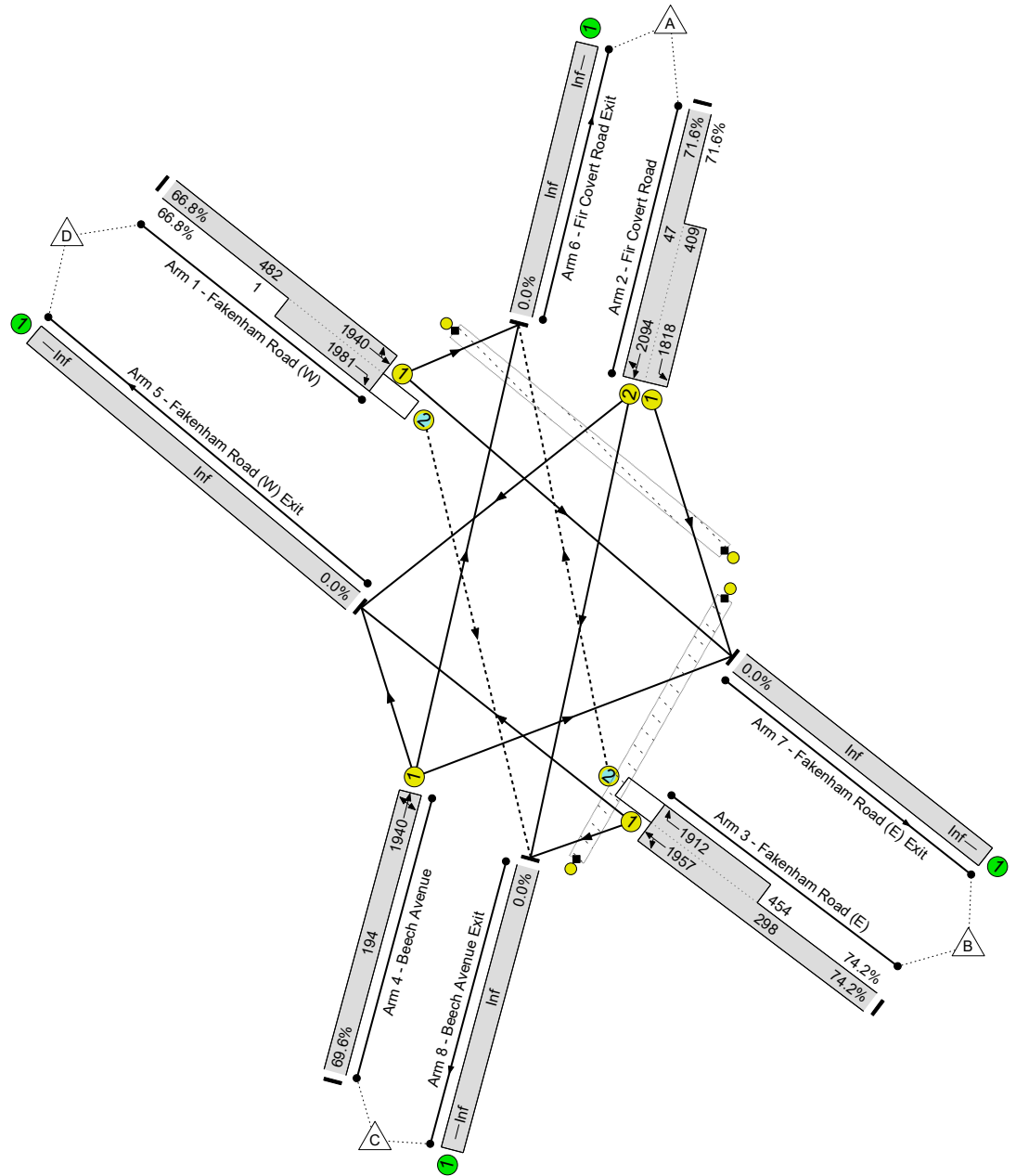
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	83.2%	131	224	9	24.1	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	83.2%	131	224	9	24.1	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	24	-	228	1940:1981	397+11	55.8 : 55.8%	6	0	0	3.3	52.5	7.2	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	24	-	357	2094:1818	51+379	83.2 : 83.2%	-	-	-	6.7	68.1	12.3	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	42	11	600	1937:1912	298+440	81.3 : 81.3%	125	224	9	8.4	50.7	13.2	
4/1	Beech Avenue Left Ahead Right	U	D		1	20	-	279	1987	348	80.2%	-	-	-	5.6	72.3	10.8	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		8.2		Total Delay for Signalled Lanes (pcuHr):				24.12		Cycle Time (s): 120				
				PRC Over All Lanes (%):		8.2		Total Delay Over All Lanes(pcuHr):				24.12						

Basic Results Summary

Scenario 5: '2029DS_Mitigation AM' (FG5: '2029DS_Mitigation AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 21.2 %
Total Traffic Delay: 19.6 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

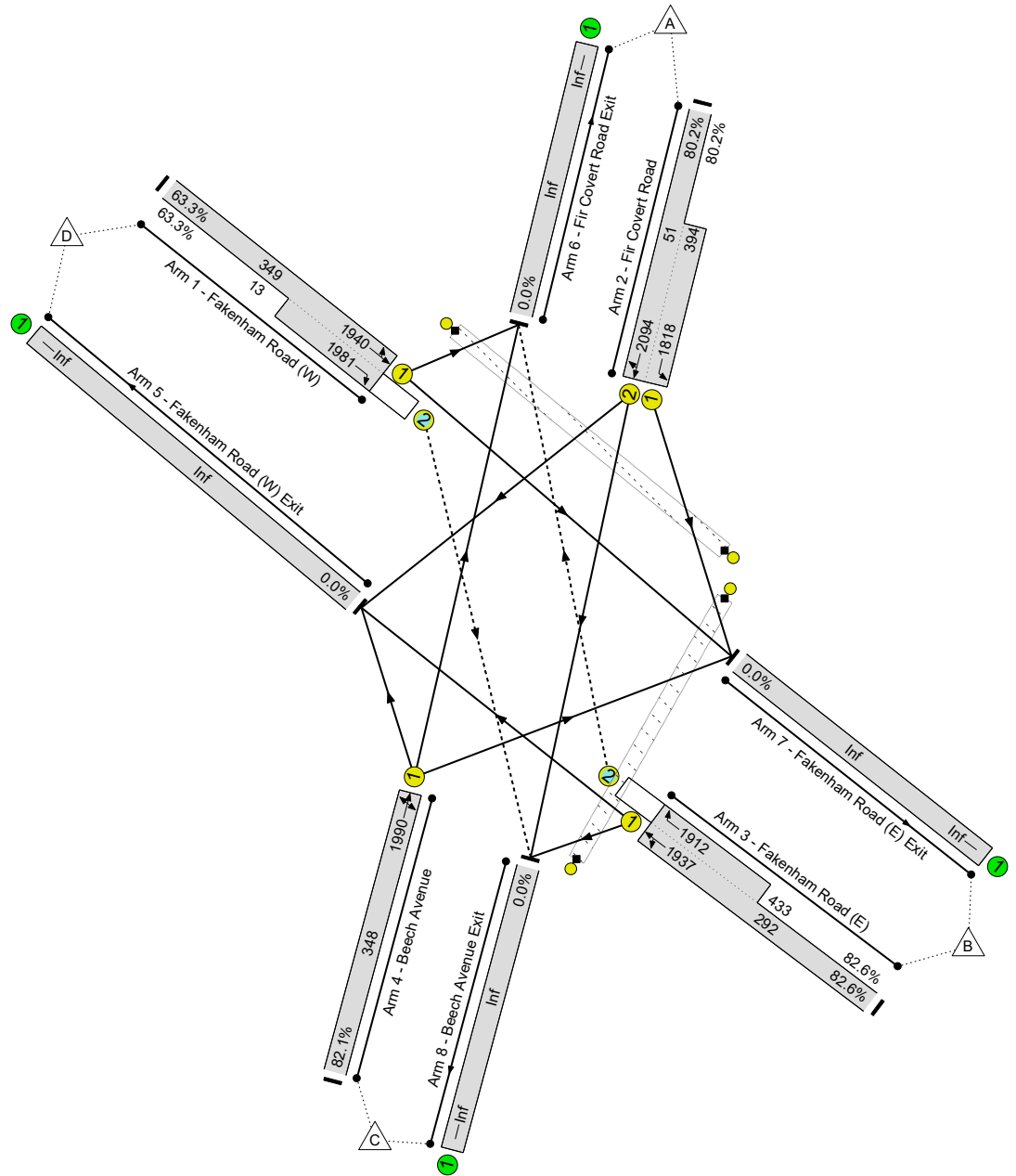
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	74.2%	108	221	8	19.6	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	74.2%	108	221	8	19.6	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	29	-	323	1940:1981	482+1	66.8 : 66.8%	1	0	0	4.6	51.6	10.7	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	26	-	327	2094:1818	47+409	71.6 : 71.6%	-	-	-	5.1	55.9	10.2	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	49	13	558	1957:1912	298+454	74.2 : 74.2%	107	221	8	6.9	44.4	11.7	
4/1	Beech Avenue Left Ahead Right	U	D		1	11	-	135	1940	194	69.6%	-	-	-	3.1	81.6	5.5	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		21.2		Total Delay for Signalled Lanes (pcuHr):				19.65		Cycle Time (s): 120				
				PRC Over All Lanes (%):		21.2		Total Delay Over All Lanes(pcuHr):				19.65						

Basic Results Summary

Scenario 6: '2029DS_Mitigation PM' (FG6: '2029DS_Mitigation PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
 PRC: 9.0 %
 Total Traffic Delay: 24.7 pcuHr
 Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

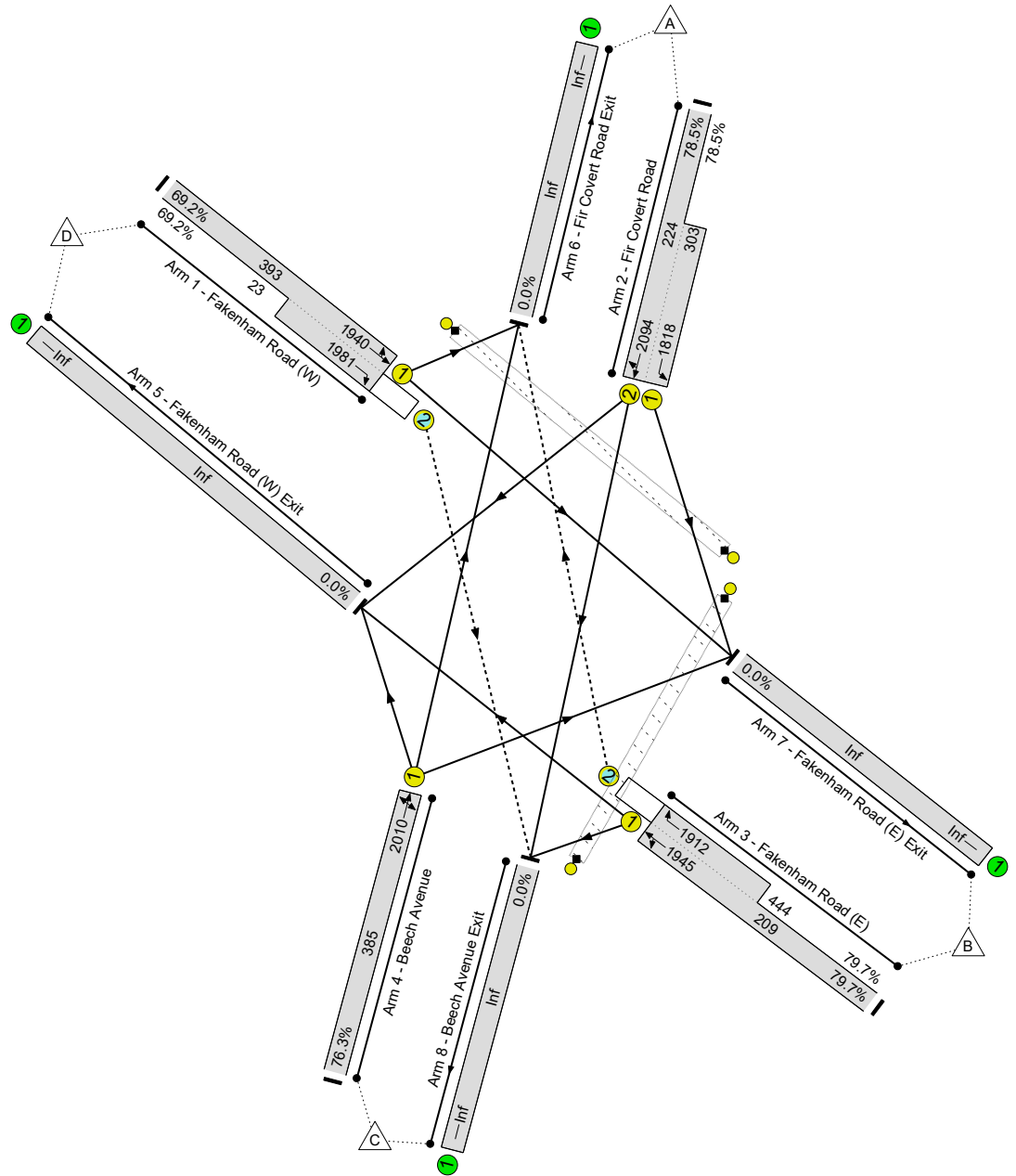
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	82.6%	98	259	9	24.7	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	82.6%	98	259	9	24.7	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	21	-	229	1940:1981	349+13	63.3 : 63.3%	8	0	0	3.7	58.6	7.6	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	25	-	357	2094:1818	51+394	80.2 : 80.2%	-	-	-	6.3	63.4	11.9	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	41	13	599	1937:1912	292+433	82.6 : 82.6%	90	259	9	8.7	52.4	13.4	
4/1	Beech Avenue Left Ahead Right	U	D		1	20	-	286	1990	348	82.1%	-	-	-	5.9	74.7	11.3	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		9.0		Total Delay for Signalled Lanes (pcuHr):				24.68		Cycle Time (s): 120				
				PRC Over All Lanes (%):		9.0		Total Delay Over All Lanes(pcuHr):				24.68						

Basic Results Summary

Scenario 7: '2039DM AM' (FG7: '2039DM AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 12.9 %
Total Traffic Delay: 24.5 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

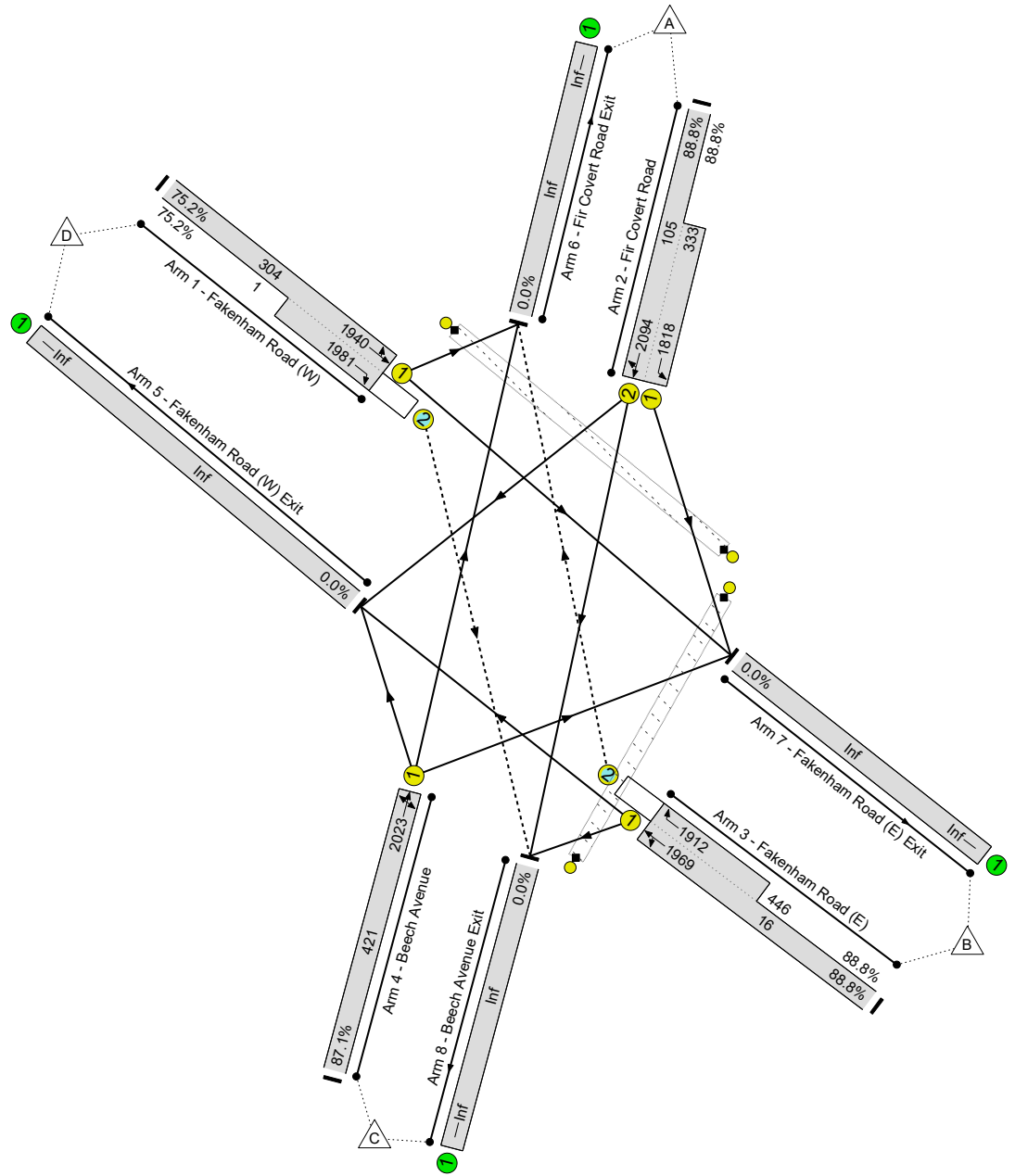
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	79.7%	102	259	9	24.5	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	79.7%	102	259	9	24.5	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	24	-	288	1940:1981	393+23	69.2 : 69.2%	16	0	0	4.6	57.5	9.5	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	19	-	414	2094:1818	224+303	78.5 : 78.5%	-	-	-	7.2	62.3	9.4	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	45	14	521	1945:1912	209+444	79.7 : 79.7%	86	259	9	7.4	51.4	12.8	
4/1	Beech Avenue Left Ahead Right	U	D		1	22	-	294	2010	385	76.3%	-	-	-	5.3	65.0	10.8	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		12.9		Total Delay for Signalled Lanes (pcuHr):				24.51		Cycle Time (s): 120				
				PRC Over All Lanes (%):		12.9		Total Delay Over All Lanes(pcuHr):				24.51						

Basic Results Summary

Scenario 8: '2039DM PM' (FG8: '2039DM PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 1.3 %
Total Traffic Delay: 29.4 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

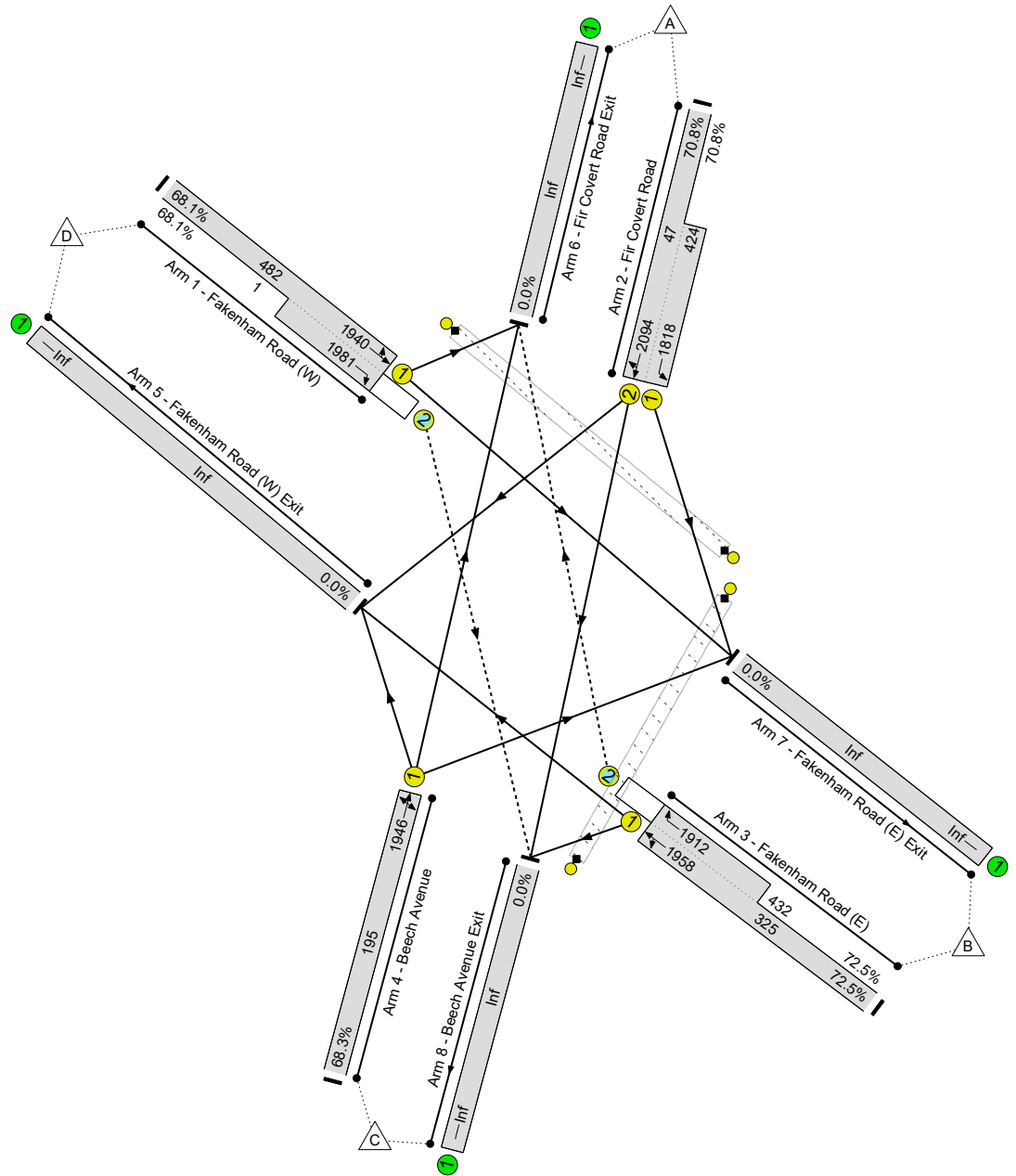
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	88.8%	52	319	26	29.4	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	88.8%	52	319	26	29.4	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	18	-	230	1940:1981	304+1	75.2 : 75.2%	1	0	0	4.5	71.1	8.7	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	21	-	389	2094:1818	105+333	88.8 : 88.8%	-	-	-	8.5	78.5	13.1	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	41	16	410	1969:1912	16+446	88.8 : 88.8%	51	319	26	8.7	76.0	16.1	
4/1	Beech Avenue Left Ahead Right	U	D		1	24	-	367	2023	421	87.1%	-	-	-	7.7	75.7	14.9	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		1.3		Total Delay for Signalled Lanes (pcuHr):				29.40		Cycle Time (s): 120				
				PRC Over All Lanes (%):		1.3		Total Delay Over All Lanes(pcuHr):				29.40						

Basic Results Summary

Scenario 9: '2039DS AM' (FG9: '2039DS AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 24.1 %
Total Traffic Delay: 19.5 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

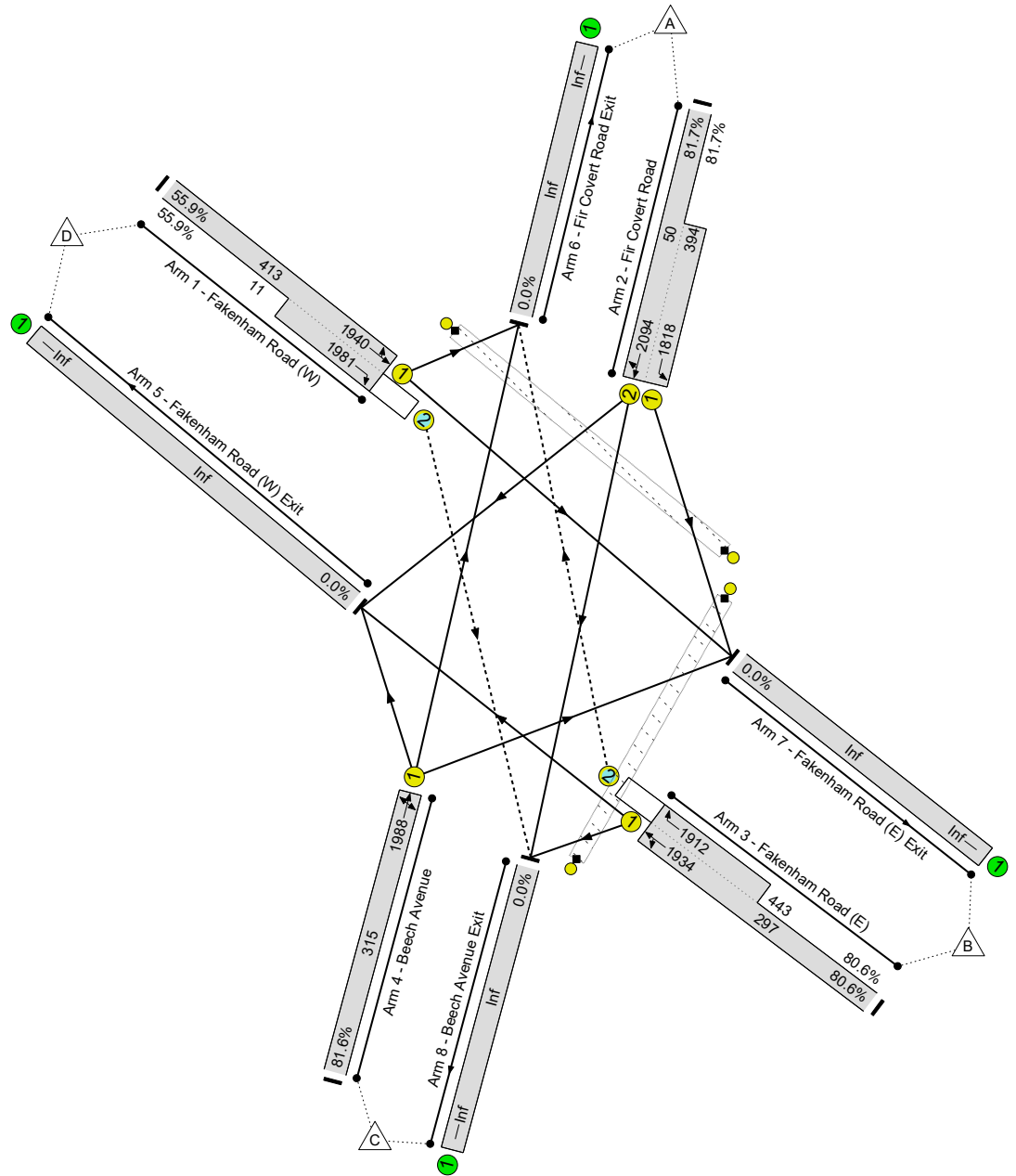
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	72.5%	102	204	8	19.5	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	72.5%	102	204	8	19.5	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	29	-	329	1940:1981	482+1	68.1 : 68.1%	1	0	0	4.8	52.2	10.9	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	27	-	333	2094:1818	47+424	70.8 : 70.8%	-	-	-	5.0	54.5	10.4	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	48	12	549	1958:1912	325+432	72.5 : 72.5%	101	204	8	6.7	43.8	10.9	
4/1	Beech Avenue Left Ahead Right	U	D		1	11	-	133	1946	195	68.3%	-	-	-	3.0	80.4	5.3	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		24.1		Total Delay for Signalled Lanes (pcuHr):				19.46		Cycle Time (s): 120				
				PRC Over All Lanes (%):		24.1		Total Delay Over All Lanes(pcuHr):				19.46						

Basic Results Summary

Scenario 10: '2039DS PM' (FG10: '2039DS PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 10.1 %
Total Traffic Delay: 23.7 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

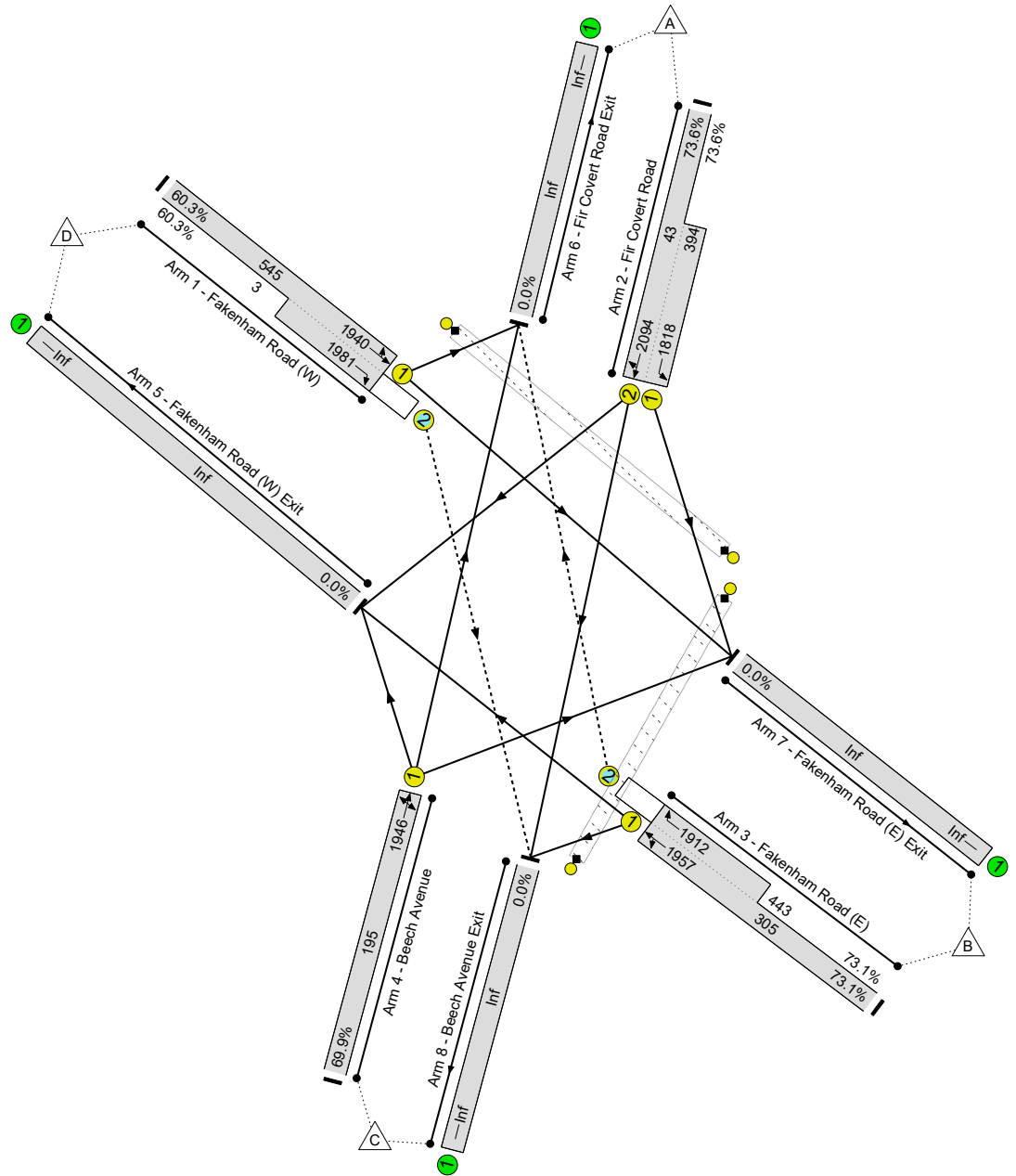
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	81.7%	135	219	9	23.7	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	81.7%	135	219	9	23.7	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	25	-	237	1940:1981	413+11	55.9 : 55.9%	6	0	0	3.4	51.4	7.4	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	25	-	363	2094:1818	50+394	81.7 : 81.7%	-	-	-	6.6	65.0	12.3	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	43	11	596	1934:1912	297+443	80.6 : 80.6%	129	219	9	8.2	49.7	13.1	
4/1	Beech Avenue Left Ahead Right	U	D		1	18	-	257	1988	315	81.6%	-	-	-	5.6	77.9	10.3	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		10.1		Total Delay for Signalled Lanes (pcuHr):				23.74		Cycle Time (s): 120				
				PRC Over All Lanes (%):		10.1		Total Delay Over All Lanes(pcuHr):				23.74						

Basic Results Summary

Scenario 11: '2039DS_Mitigation AM' (FG11: '2039DS_Mitigation AM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
PRC: 22.2 %
Total Traffic Delay: 19.1 pcuHr
Ave. Route Delay Per Ped: 0.0 s/Ped



Basic Results Summary

Network Results

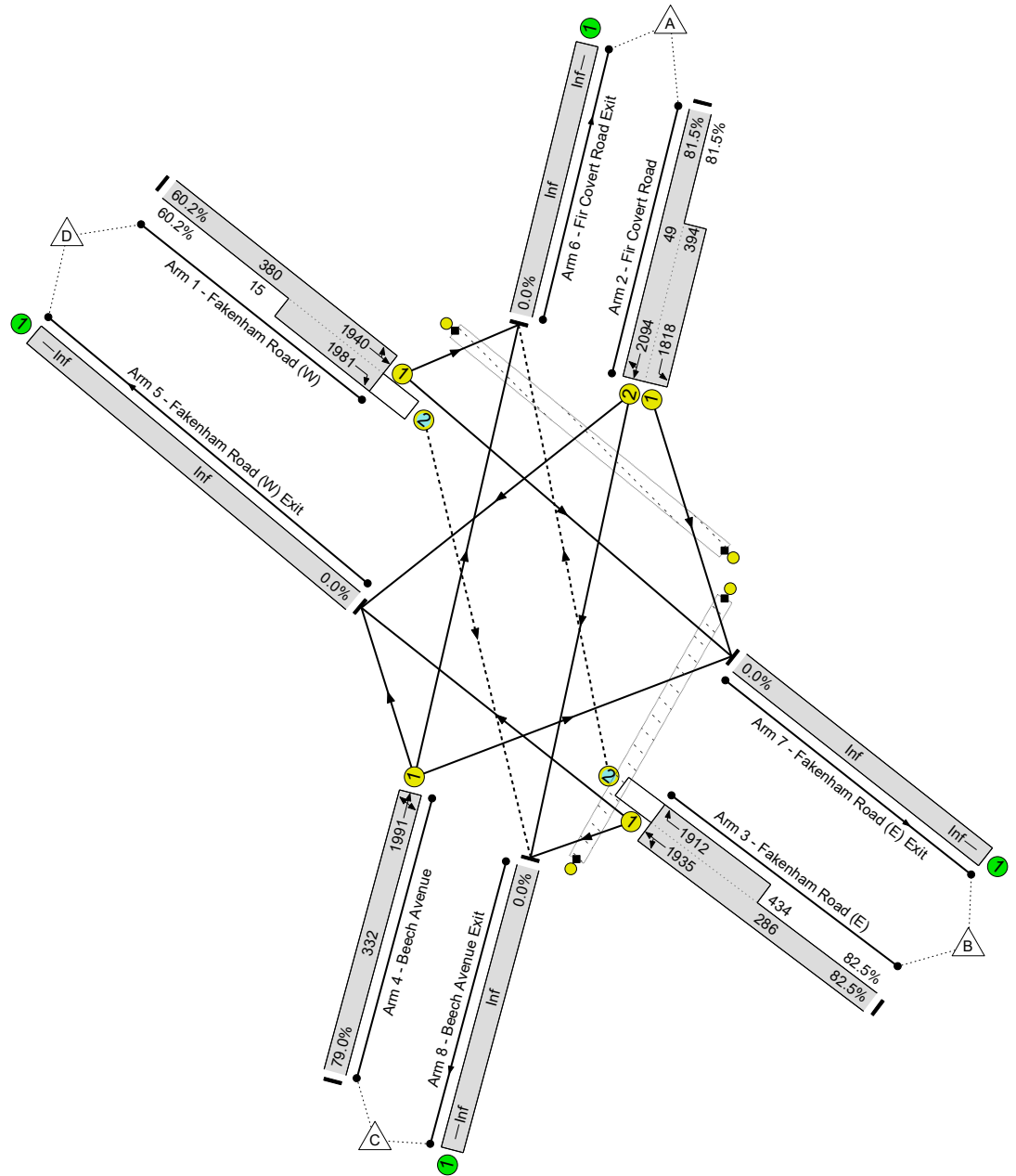
Item	Lane Description	Lane Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Mean Max Queue (pcu)	
Network	-	-	-		-	-	-	-	-	-	73.6%	146	172	8	19.1	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	73.6%	146	172	8	19.1	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	33	-	331	1940:1981	545+3	60.3 : 60.3%	2	0	0	4.2	45.4	10.2	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	25	-	322	2094:1818	43+394	73.6 : 73.6%	-	-	-	5.2	58.4	10.3	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	50	10	547	1957:1912	305+443	73.1 : 73.1%	144	172	8	6.6	43.3	11.2	
4/1	Beech Avenue Left Ahead Right	U	D		1	11	-	136	1946	195	69.9%	-	-	-	3.1	81.8	5.5	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		22.2		Total Delay for Signalled Lanes (pcuHr):				19.06		Cycle Time (s): 120				
				PRC Over All Lanes (%):		22.2		Total Delay Over All Lanes(pcuHr):				19.06						

Basic Results Summary

Scenario 12: '2039DS_Mitigation PM' (FG12: '2039DS_Mitigation PM', Plan 1: 'Network Control Plan 1')

Network Layout Diagram

J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue
 PRC: 9.1 %
 Total Traffic Delay: 24.0 pcuHr
 Ave. Route Delay Per Ped: 0.0 s/Ped



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	-	-	-		-	-	-	-	-	-	82.5%	118	240	9	24.0	-	-	
J16 - Fakenham Road/ Fir Covert Road/ Beech Avenue	-	-	-		-	-	-	-	-	-	82.5%	118	240	9	24.0	-	-	
1/1+1/2	Fakenham Road (W) Left Ahead Right	U+O	B		1	23	-	238	1940:1981	380+15	60.2 : 60.2%	9	0	0	3.6	55.0	7.6	
2/2+2/1	Fir Covert Road Right Left Ahead	U	C		1	25	-	361	2094:1818	49+394	81.5 : 81.5%	-	-	-	6.5	64.8	12.3	
3/1+3/2	Fakenham Road (E) Ahead Right Left	U+O	A	E	1	42	12	594	1935:1912	286+434	82.5 : 82.5%	109	240	9	8.6	52.0	13.4	
4/1	Beech Avenue Left Ahead Right	U	D		1	19	-	262	1991	332	79.0%	-	-	-	5.3	72.5	10.2	
Ped Link: P1	Unnamed Ped Link	-	F		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
Ped Link: P2	Unnamed Ped Link	-	G		1	6	-	0	-	0	0.0%	-	-	-	-	-	-	
C1				PRC for Signalled Lanes (%):		9.1		Total Delay for Signalled Lanes (pcuHr):				23.99		Cycle Time (s): 120				
				PRC Over All Lanes (%):		9.1		Total Delay Over All Lanes(pcuHr):				23.99						