

BRYAN G HALL

CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS

Project Name:	Morrisons, Reading				
Client:	Wm Morrison Supermarkets PLC				
Subject:	Proposed Egress Improvements, Morrisons, Reading				
BGH Reference:	19-201-004.01				
Date:	December 2021				
Prepared by:	D McLean	Checked by:	M Crabtree	Overview by:	G Bowman

Introduction

1. A planning application (ref: 201169/FUL) has been submitted by Wm Morrison Supermarkets PLC for "Improvements to the existing Morrisons access from Morrison Road to provide a dedicated exit lane, making it two-way" at the Morrisons store off Basingstoke Road in Reading.
2. Prior to the planning application being submitted, pre-application advice (ref: 190584/PREAPP) was sought from Reading Borough Council (RBC) and the response dated 19th July 2019 was forthcoming. A Transport Statement was prepared as part of the planning application in August 2020 (ref: 19-201-001.01) which addressed the comments raised within the pre-application advice.
3. Highway officers from RBC and the Case Officer (on behalf of Natural Environment) provided comments on the application on the 15th October 2020 and the 10th December 2020 respectively. A Technical Note (ref: 19-201-002.01) was produced by Bryan G Hall (BGH) to address these comments.
4. Further comments were received from Highways officers from RBC on the 8th March 2021 and another technical note (ref: 19-201-003.01) was produced by BGH to respond to these comments.
5. Highways officers from RBC have provided additional comments on the 1st December 2021 relating to the Friday evening capacity assessment and vehicles exiting the vehicle repair / maintenance use on Morrison Road. These are attached at **Appendix BGH1**. This Technical Note has therefore been produced by BGH on behalf of Wm Morrison Supermarkets PLC to address these comments and it concludes that there are no justifiable transport reasons to refuse planning permission.

Friday Evening Assessment

6. RBC have compared the trip generation from the TRICS database used in the previous Technical Note with the trip generation from the Reading store taken from the traffic survey information, attached at **Appendix BGH2**. RBC stated that the TRICS data on the Saturday overestimated the trip generation of the store when compared to the surveys whereas the TRICS data on the Friday underestimated the trip generation by 130 trips (BGH have found this to be 229 vehicles). It has therefore been requested by RBC that BGH reassess the

Friday evening assessment to ensure that the Basingstoke Road/Buckland Road/Morrison Road junction remains within capacity with the proposed improvement scheme in place.

7. The table below summarises the trip generation for the store for the Friday evening peak hour and shows that it generates 832 two-way vehicle trips.

Table 1: Food Store Vehicular Trip Generation

	Evening Peak Hour		
	Arrivals	Departures	Total
Surveys	416	416	832

8. The trips have been distributed based on the agreed distribution at **Appendix BGH3** to show the number of vehicle trips which will go through the Basingstoke Road/Buckland Road/Morrison Road junction in the existing and proposed scenarios. This is shown on the traffic flow diagrams at **Appendix BGH4**.
9. The peak hour traffic for the proposed scenario shown on the diagram at **Appendix BGH4** has been added to the base flows shown at **Appendix BGH5** to give predicted traffic flows at a future year of 2025 (the agreed assessment year). These are shown on the diagram at **Appendix BGH6**. It should be noted that the existing Morrisons trips shown on the traffic flow diagrams at **Appendix BGH4** have been subtracted from the predicted traffic flows to avoid double counting as they will already have been included in the surveys. The traffic flows shown on this diagram have been used to assess the likely future operation of the junction when the proposed development trips are taken into account.
10. Analysis of the 2025 predicted peak hour performance of the Basingstoke Road/Buckland Road/Morrison Road junction has been undertaken. Table 2 summarises the results from the current assessment based on the surveyed trip generation and it also shows the results from the previous assessment based on the TRICS trip generation. The full operational outputs attached at **Appendix BGH7**.

Table 2: Basingstoke Road / Buckland Road / Morrison Road

Arm	2025 Predicted Evening Peak			
	Survey Trip Generation (CURRENT)		TRICS Trip Generation (PREVIOUS)	
	Degree of Saturation (%)	Mean Max Queue (PCU)	Degree of Saturation (%)	Mean Max Queue (PCU)
Basingstoke Road South	91.1	13	91.1	13
Morrison Road	90.2	12	90.1	9
Basingstoke Road North	91.1	18	90.4	20
Buckland Road	91.4	14	91.4	14
PRC	-1.6		-1.6	

11. It can be seen from Table 2 that the junction continues to operate within capacity with minor decreases in performance on two of the arms. The Degree of Saturation (DoS) on the Morrison Road arm increases from 90.1% to 90.2% and the associated queue increases from 9 to 12 PCU's. The DoS on the Basingstoke Road North arm increases from 90.4% to 91.1% however the associated queue decreases from 20 to 18 PCU's. The DoS and queues on the Basingstoke Road South and Buckland Road arms remain unchanged. Similarly, the Practical Reserve Capacity of the junction remains the same.
12. This demonstrates that when the higher trip generation of the surveys are used within the assessment, the junction will continue to operate within capacity.
13. Furthermore reference should be made to the previous Technical Note (19-201-003.01) that demonstrated that the Practical Reserve Capacity in the 2025 base assessment would be -8.7% and therefore the above results show that the scheme improves this significantly. There are also reductions in DoS and queue length on all arms aside from the Morrison Road arm.
14. Clearly, as additional traffic is being added to the Morrison Road approach, there will be an increase in queue and DoS. However, the results show that the predicted queuing will effectively clear each cycle, and the overall performance of the junction significantly improves.
15. It has been demonstrated that the junction will operate more efficiently with the proposed access changes in place. Furthermore, the benefits will also be noted at the Rose Kiln

Lane/B3031 Basingstoke Road and the City Road/Gillette Way/Rose Kiln Lane junctions with a reduction in flows.

Vehicle Repair / Maintenance Use

16. In the previous Technical Note it was suggested that a yellow box marking adjacent to the Vehicle Repair / Maintenance Use could address the potential issue of vehicles queueing back along Morrison Road from the Basingstoke Road/Buckland Road/Morrison Road junction.
17. In the latest Highways comments, RBC accepted this in principle and requested a drawing showing this updated design. The drawing at **Appendix BGH8** shows the updated design with the yellow box markings in place.
18. The yellow box markings will only cover the southbound lane towards the Basingstoke Road/Buckland Road/Morrison Road junction, as the only queueing traffic on the northbound lane will be when a vehicle stops to let pedestrians over the Zebra crossing. The yellow box markings will be in place along the length of the access to the Vehicle Repair / Maintenance Use.
19. This will allow vehicles to exit the Vehicle Repair / Maintenance Use on Morrison Road unobstructed.

Summary and Conclusions

20. This Technical Note has been produced by Bryan G Hall on behalf of Wm Morrison Supermarkets PLC to address the issues raised in the Highways response provided by Reading Borough Council with regards to a proposed development for "Improvements to the existing Morrisons access from Morrison Road to provide a dedicated exit lane, making it two-way" at the Morrisons store off Basingstoke Road in Reading.
21. It has been demonstrated that the Basingstoke Road/Buckland Road/Morrison Road junction will continue to operate within capacity with the trip generation used from the surveys. The Practical Reserve Capacity remains the same as when the TRICS trip generation was used.
22. Reference has been made to the previous Technical Note (19-201-003.01) which demonstrated that the Practical Reserve Capacity in the 2025 base assessment would be -8.7% and therefore the results show the scheme improves this significantly. There are also reductions in DoS and queue length on all arms aside from the Morrison Road arm. The results show that the predicted queueing will effectively clear each cycle, and the overall performance of the junction significantly improves.

23. A drawing has been provided to show the updated design of the scheme with the yellow box marking in place, to allow vehicles to exit the Vehicle Repair / Maintenance Use on Morrison Road.
24. This Technical Note has addressed the specific points raised in the Highways response. It is considered that the proposal would not be detrimental to the safe and efficient operation of the local highway network. There are therefore no justifiable reasons to withhold planning permission on highways grounds.

Appendices

Appendix BGH1 – RBC Highways Response

Appendix BGH2 – Survey Data

Appendix BGH3 – Agreed Trip Distribution

Appendix BGH4 – Existing and Proposed Development Trips

Appendix BGH5 – 2025 Base Traffic Flows

Appendix BGH6 – 2025 Predicted Traffic Flows

Appendix BGH7 – Modelling Outputs

Appendix BGH8 – Updated Design Showing Yellow Box Markings

APPENDIX BGH 1

From: Davis, Connie <Connie.Davis@reading.gov.uk>

Sent: 01 December 2021 17:51

To: Martin Crabtree <martincrabtree@bryanghall.co.uk>

Subject: RE: 201169 Morrisons Basingstoke Road

OFFICIAL

Hello Martin,

I hope you're well.

Thankfully I've managed to track down Darren and he has reviewed the application once again. Comments are below:

The proposed development consists of alterations to the existing Morrisons access from Morrison Road to provide a dedicated exit lane, making it two-way.

The applicant has stated that the purpose of this application is to provide an alternative exit for customers from the store car park and reduce the demand on the main egress on City Road. However, no evidence had previously been provided to confirm any excessive demand exists on City Road and the Highway Authority are not aware of any issues either. As part of the latest Transport Addendum surveys have been provided that identify on the Thursday evening, the largest queue length recorded was

a total of 8 vehicles, 2 in the left lane and 6 in the right lane and on a Saturday, the largest queue recorded was a total of 17 vehicles, 10 in the left lane and 7 in the right lane. In the five minutes prior to the peak Saturday queue, the queue was a total of 11 vehicles and the five minutes after the peak queue, the queue was a total of 13 vehicles. The applicant has stated that this demonstrates that continuous queueing for a period of 15 minutes takes place and does not clear. The Highway Authority do not agree with this given that the right turn queueing from the site exit does reduce, it is the left hand lane which remains constant through the survey period. The information provided therefore confirms that the main issue at the junction is not right turn movements but the left turn / straight ahead movements, it is therefore evident that any proposal to exit the site via Morrison Road will not remove a large proportion of the queueing at the junction in question.

The applicant has undertaken surveys of the surrounding area and a subsequent junction assessment of the Morison Road/Basingstoke Road South/Basingstoke Road North/Buckland Road junction. This assessment shows that the junction is predicted to operate slightly over capacity in the 2021 existing Saturday peak scenario and this is to worsen when the assessment is undertaken for the future year 2025.

To ascertain what level of trips that would be generated by the morrisons store the applicant has used the Trip Rate Information Computer System (TRICS) and this is deemed an acceptable approach in principle and the trip rate information utilised has previously been agreed through the assessment of this application. However, the caveat to utilising these trip rates was that actual surveys on the site were not available, this is no longer the case as the applicant has provided actual survey data as part of this latest Transport Addendum. Having reviewed this data it is noted that the actual trips associated with a Saturday peak was overestimated by TRICS however with the weekday peak period the TRICS data underestimates the actual trips generated by the development by 130. For completeness the applicant should reassess the weekday peak period to ensure that the junction remains within capacity.

It should also be stressed that queues extending along Morrison Road will impact vehicles exiting the vehicle repair / maintenance use, which is accessed from Morrison Road. The applicant has stated that this would be addressed by the inclusion of a yellow box marking to allow vehicles trying to turn right

onto Morrison Road, the principle of this is deemed acceptable. However, the submitted information provides no updated drawing illustrating this updated design.

Please ask the applicant to address the above prior to determining the application.

I'd be grateful for your comments/ revised documents.

Best wishes,
Connie

APPENDIX BGH 2

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.1: Left from Rose Kiln Lane (East) to City Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	26	0	4	0	0	0	30	30.00
1615 - 1630	0	0	17	0	2	0	0	0	19	19.00
1630 - 1645	0	0	17	0	7	0	0	0	24	24.00
1645 - 1700	1	2	22	0	2	0	0	1	28	27.00
Hourly Total	1	2	82	0	15	0	0	1	101	100.00
Hourly Average	0.25	0.50	20.50	0.00	3.75	0.00	0.00	0.25	25.25	25.00
1700 - 1715	1	0	22	0	3	0	0	0	26	25.20
1715 - 1730	0	0	21	0	3	0	0	0	24	24.00
1730 - 1745	0	0	24	0	2	0	0	0	26	26.00
1745 - 1800	0	0	24	0	3	0	0	0	27	27.00
Hourly Total	1	0	91	0	11	0	0	0	103	102.20
Hourly Average	0.25	0.00	22.75	0.00	2.75	0.00	0.00	0.00	25.75	25.55
1800 - 1815	0	0	23	0	2	0	0	0	25	25.00
1815 - 1830	0	0	15	0	2	0	0	0	17	17.00
1830 - 1845	0	1	21	0	2	0	0	0	24	23.40
1845 - 1900	0	0	13	0	2	0	0	0	15	15.00
Hourly Total	0	1	72	0	8	0	0	0	81	80.40
Hourly Average	0.00	0.25	18.00	0.00	2.00	0.00	0.00	0.00	20.25	20.10
Session Total	2	3	245	0	34	0	0	1	285	282.60
Session Average	0.17	0.25	20.42	0.00	2.83	0.00	0.00	0.08	23.75	23.55

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.1: Left from Rose Kiln Lane (East) to City Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	1	27	0	2	0	0	0	30	29.40
1015 - 1030	0	0	25	0	2	0	0	0	27	27.00
1030 - 1045	0	0	24	0	3	0	0	0	27	27.00
1045 - 1100	0	0	33	1	0	0	0	0	34	34.00
Hourly Total	0	1	109	1	7	0	0	0	118	117.40
Hourly Average	0.00	0.25	27.25	0.25	1.75	0.00	0.00	0.00	29.50	29.35
1100 - 1115	0	0	31	0	5	0	0	0	36	36.00
1115 - 1130	0	0	23	0	1	0	0	0	24	24.00
1130 - 1145	0	0	29	1	3	0	0	0	33	33.00
1145 - 1200	0	0	24	0	0	0	0	0	24	24.00
Hourly Total	0	0	107	1	9	0	0	0	117	117.00
Hourly Average	0.00	0.00	26.75	0.25	2.25	0.00	0.00	0.00	29.25	29.25
1200 - 1215	0	1	32	0	3	0	0	0	36	35.40
1215 - 1230	0	0	27	0	1	0	0	0	28	28.00
1230 - 1245	0	1	27	0	2	0	0	0	30	29.40
1245 - 1300	0	0	14	0	4	0	0	0	18	18.00
Hourly Total	0	2	100	0	10	0	0	0	112	110.80
Hourly Average	0.00	0.50	25.00	0.00	2.50	0.00	0.00	0.00	28.00	27.70
1300 - 1315	0	0	15	0	1	0	0	0	16	16.00
1315 - 1330	0	0	16	0	2	0	0	0	18	18.00
1330 - 1345	0	0	30	0	0	0	0	0	30	30.00
1345 - 1400	0	0	20	0	0	0	0	0	20	20.00
Hourly Total	0	0	81	0	3	0	0	0	84	84.00
Hourly Average	0.00	0.00	20.25	0.00	0.75	0.00	0.00	0.00	21.00	21.00
1400 - 1415	0	1	26	0	1	0	0	0	28	27.40
1415 - 1430	0	0	28	0	1	0	0	0	29	29.00
1430 - 1445	0	0	24	0	0	0	0	0	24	24.00
1445 - 1500	0	0	29	0	1	0	0	0	30	30.00
Hourly Total	0	1	107	0	3	0	0	0	111	110.40
Hourly Average	0.00	0.25	26.75	0.00	0.75	0.00	0.00	0.00	27.75	27.60
Session Total	0	4	504	2	32	0	0	0	542	539.60
Session Average	0.00	0.20	25.20	0.10	1.60	0.00	0.00	0.00	27.10	26.98

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.2: Westbound from Rose Kiln Lane (East) to Gillette Way									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	12	0	3	0	1	0	16	17.30
1615 - 1630	3	0	8	0	3	0	0	0	14	11.60
1630 - 1645	0	0	14	0	2	0	0	0	16	16.00
1645 - 1700	0	0	14	0	2	0	0	0	16	16.00
Hourly Total	3	0	48	0	10	0	1	0	62	60.90
Hourly Average	0.75	0.00	12.00	0.00	2.50	0.00	0.25	0.00	15.50	15.23
1700 - 1715	0	0	9	0	1	0	0	0	10	10.00
1715 - 1730	0	0	18	0	1	0	0	0	19	19.00
1730 - 1745	0	0	9	0	2	0	0	0	11	11.00
1745 - 1800	0	0	19	0	3	0	0	0	22	22.00
Hourly Total	0	0	55	0	7	0	0	0	62	62.00
Hourly Average	0.00	0.00	13.75	0.00	1.75	0.00	0.00	0.00	15.50	15.50
1800 - 1815	0	0	16	0	0	0	0	0	16	16.00
1815 - 1830	0	0	13	0	0	0	0	0	13	13.00
1830 - 1845	1	0	6	0	0	1	0	0	8	7.70
1845 - 1900	1	0	7	0	2	0	0	0	10	9.20
Hourly Total	2	0	42	0	2	1	0	0	47	45.90
Hourly Average	0.50	0.00	10.50	0.00	0.50	0.25	0.00	0.00	11.75	11.48
Session Total	5	0	145	0	19	1	1	0	171	168.80
Session Average	0.42	0.00	12.08	0.00	1.58	0.08	0.08	0.00	14.25	14.07

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.2: Westbound from Rose Kiln Lane (East) to Gillette Way									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	2	0	0	0	0	0	2	2.00
1015 - 1030	0	0	6	2	0	0	0	0	8	8.00
1030 - 1045	1	0	4	0	0	0	0	0	5	4.20
1045 - 1100	0	0	13	0	0	0	0	0	13	13.00
Hourly Total	1	0	25	2	0	0	0	0	28	27.20
Hourly Average	0.25	0.00	6.25	0.50	0.00	0.00	0.00	0.00	7.00	6.80
1100 - 1115	0	0	12	0	0	0	0	0	12	12.00
1115 - 1130	0	0	8	0	1	0	0	0	9	9.00
1130 - 1145	0	0	12	0	3	0	0	0	15	15.00
1145 - 1200	0	0	13	0	3	0	0	0	16	16.00
Hourly Total	0	0	45	0	7	0	0	0	52	52.00
Hourly Average	0.00	0.00	11.25	0.00	1.75	0.00	0.00	0.00	13.00	13.00
1200 - 1215	0	0	13	0	0	0	0	0	13	13.00
1215 - 1230	0	1	10	0	2	0	0	0	13	12.40
1230 - 1245	1	0	5	0	0	0	0	0	6	5.20
1245 - 1300	0	1	13	0	2	0	0	0	16	15.40
Hourly Total	1	2	41	0	4	0	0	0	48	46.00
Hourly Average	0.25	0.50	10.25	0.00	1.00	0.00	0.00	0.00	12.00	11.50
1300 - 1315	0	0	13	0	4	0	0	0	17	17.00
1315 - 1330	0	0	9	0	0	0	0	0	9	9.00
1330 - 1345	0	0	7	3	2	0	0	0	12	12.00
1345 - 1400	0	0	12	0	3	0	0	0	15	15.00
Hourly Total	0	0	41	3	9	0	0	0	53	53.00
Hourly Average	0.00	0.00	10.25	0.75	2.25	0.00	0.00	0.00	13.25	13.25
1400 - 1415	0	0	14	0	2	1	0	0	17	17.50
1415 - 1430	0	1	8	0	4	0	0	0	13	12.40
1430 - 1445	0	1	16	1	1	0	0	0	19	18.40
1445 - 1500	0	1	9	0	1	0	0	0	11	10.40
Hourly Total	0	3	47	1	8	1	0	0	60	58.70
Hourly Average	0.00	0.75	11.75	0.25	2.00	0.25	0.00	0.00	15.00	14.68
Session Total	2	5	199	6	28	1	0	0	241	236.90
Session Average	0.10	0.25	9.95	0.30	1.40	0.05	0.00	0.00	12.05	11.85

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.3: Right from Rose Kiln Lane (East) to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	2	53	1	10	1	0	0	67	66.30
1615 - 1630	0	0	53	0	8	0	1	0	62	63.30
1630 - 1645	1	1	68	0	15	0	0	0	85	83.60
1645 - 1700	2	0	47	1	5	2	1	0	58	58.70
Hourly Total	3	3	221	2	38	3	2	0	272	271.90
Hourly Average	0.75	0.75	55.25	0.50	9.50	0.75	0.50	0.00	68.00	67.98
1700 - 1715	0	0	61	2	6	0	0	0	69	69.00
1715 - 1730	0	0	61	1	8	0	0	0	70	70.00
1730 - 1745	0	0	59	0	8	0	0	0	67	67.00
1745 - 1800	0	1	60	2	1	0	0	0	64	63.40
Hourly Total	0	1	241	5	23	0	0	0	270	269.40
Hourly Average	0.00	0.25	60.25	1.25	5.75	0.00	0.00	0.00	67.50	67.35
1800 - 1815	0	0	62	0	3	1	0	0	66	66.50
1815 - 1830	0	1	47	0	3	0	0	0	51	50.40
1830 - 1845	0	0	57	0	4	0	1	0	62	63.30
1845 - 1900	0	0	60	0	3	0	0	0	63	63.00
Hourly Total	0	1	226	0	13	1	1	0	242	243.20
Hourly Average	0.00	0.25	56.50	0.00	3.25	0.25	0.25	0.00	60.50	60.80
Session Total	3	5	688	7	74	4	3	0	784	784.50
Session Average	0.25	0.42	57.33	0.58	6.17	0.33	0.25	0.00	65.33	65.38

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.3: Right from Rose Kiln Lane (East) to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	51	0	5	1	0	0	57	57.50
1015 - 1030	0	0	85	0	7	0	0	0	92	92.00
1030 - 1045	0	3	65	0	6	1	0	0	75	73.70
1045 - 1100	0	1	58	0	8	0	0	0	67	66.40
Hourly Total	0	4	259	0	26	2	0	0	291	289.60
Hourly Average	0.00	1.00	64.75	0.00	6.50	0.50	0.00	0.00	72.75	72.40
1100 - 1115	1	0	58	0	7	0	0	0	66	65.20
1115 - 1130	0	0	72	1	7	0	0	0	80	80.00
1130 - 1145	0	0	70	0	6	0	0	0	76	76.00
1145 - 1200	0	0	69	1	6	0	0	0	76	76.00
Hourly Total	1	0	269	2	26	0	0	0	298	297.20
Hourly Average	0.25	0.00	67.25	0.50	6.50	0.00	0.00	0.00	74.50	74.30
1200 - 1215	0	0	67	1	4	0	0	0	72	72.00
1215 - 1230	0	0	56	0	5	1	0	0	62	62.50
1230 - 1245	1	0	57	0	1	0	0	0	59	58.20
1245 - 1300	0	1	79	2	4	0	0	0	86	85.40
Hourly Total	1	1	259	3	14	1	0	0	279	278.10
Hourly Average	0.25	0.25	64.75	0.75	3.50	0.25	0.00	0.00	69.75	69.53
1300 - 1315	1	0	71	0	0	1	0	0	73	72.70
1315 - 1330	0	0	88	1	4	1	0	0	94	94.50
1330 - 1345	2	1	63	2	4	0	0	0	72	69.80
1345 - 1400	0	1	81	0	5	0	0	0	87	86.40
Hourly Total	3	2	303	3	13	2	0	0	326	323.40
Hourly Average	0.75	0.50	75.75	0.75	3.25	0.50	0.00	0.00	81.50	80.85
1400 - 1415	0	0	74	0	4	0	0	1	79	80.00
1415 - 1430	0	2	82	0	5	0	1	0	90	90.10
1430 - 1445	0	3	101	0	5	0	0	0	109	107.20
1445 - 1500	1	0	82	0	7	0	0	0	90	89.20
Hourly Total	1	5	339	0	21	0	1	1	368	366.50
Hourly Average	0.25	1.25	84.75	0.00	5.25	0.00	0.25	0.25	92.00	91.63
Session Total	6	12	1429	8	100	5	1	1	1562	1554.80
Session Average	0.30	0.60	71.45	0.40	5.00	0.25	0.05	0.05	78.10	77.74

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.4: U-Turn from Rose Kiln Lane (East) to Rose Kiln Lane (East)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	6	0	1	0	0	0	7	7.00
1615 - 1630	0	0	4	0	2	0	0	0	6	6.00
1630 - 1645	0	0	3	0	0	1	0	0	4	4.50
1645 - 1700	0	0	3	0	0	0	0	0	3	3.00
Hourly Total	0	0	16	0	3	1	0	0	20	20.50
Hourly Average	0.00	0.00	4.00	0.00	0.75	0.25	0.00	0.00	5.00	5.13
1700 - 1715	0	0	5	0	0	0	0	0	5	5.00
1715 - 1730	0	0	3	0	0	0	0	0	3	3.00
1730 - 1745	0	0	1	0	0	0	0	0	1	1.00
1745 - 1800	0	0	4	0	0	0	0	0	4	4.00
Hourly Total	0	0	13	0	0	0	0	0	13	13.00
Hourly Average	0.00	0.00	3.25	0.00	0.00	0.00	0.00	0.00	3.25	3.25
1800 - 1815	0	0	6	0	0	0	0	0	6	6.00
1815 - 1830	0	0	2	0	0	0	0	0	2	2.00
1830 - 1845	0	0	4	0	0	1	0	0	5	5.50
1845 - 1900	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	13	0	0	1	0	0	14	14.50
Hourly Average	0.00	0.00	3.25	0.00	0.00	0.25	0.00	0.00	3.50	3.63
Session Total	0	0	42	0	3	2	0	0	47	48.00
Session Average	0.00	0.00	3.50	0.00	0.25	0.17	0.00	0.00	3.92	4.00

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.4: U-Turn from Rose Kiln Lane (East) to Rose Kiln Lane (East)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	2	0	0	0	0	0	2	2.00
1015 - 1030	0	0	2	0	2	0	0	0	4	4.00
1030 - 1045	0	0	5	0	2	0	0	0	7	7.00
1045 - 1100	0	0	3	0	0	0	0	0	3	3.00
Hourly Total	0	0	12	0	4	0	0	0	16	16.00
Hourly Average	0.00	0.00	3.00	0.00	1.00	0.00	0.00	0.00	4.00	4.00
1100 - 1115	0	0	2	0	1	0	0	0	3	3.00
1115 - 1130	0	0	1	0	0	0	0	0	1	1.00
1130 - 1145	0	0	1	0	0	0	0	0	1	1.00
1145 - 1200	0	0	7	0	1	0	0	0	8	8.00
Hourly Total	0	0	11	0	2	0	0	0	13	13.00
Hourly Average	0.00	0.00	2.75	0.00	0.50	0.00	0.00	0.00	3.25	3.25
1200 - 1215	0	0	7	0	0	0	0	0	7	7.00
1215 - 1230	0	0	4	0	1	0	0	0	5	5.00
1230 - 1245	0	0	1	0	0	0	0	0	1	1.00
1245 - 1300	0	0	2	0	0	0	0	0	2	2.00
Hourly Total	0	0	14	0	1	0	0	0	15	15.00
Hourly Average	0.00	0.00	3.50	0.00	0.25	0.00	0.00	0.00	3.75	3.75
1300 - 1315	0	0	5	0	0	0	0	0	5	5.00
1315 - 1330	0	0	6	0	0	0	0	0	6	6.00
1330 - 1345	0	0	4	0	1	0	0	0	5	5.00
1345 - 1400	0	1	4	0	0	0	0	0	5	4.40
Hourly Total	0	1	19	0	1	0	0	0	21	20.40
Hourly Average	0.00	0.25	4.75	0.00	0.25	0.00	0.00	0.00	5.25	5.10
1400 - 1415	0	0	4	0	0	0	0	0	4	4.00
1415 - 1430	0	0	1	0	1	0	0	0	2	2.00
1430 - 1445	0	0	5	0	1	0	0	0	6	6.00
1445 - 1500	0	0	5	0	0	0	0	0	5	5.00
Hourly Total	0	0	15	0	2	0	0	0	17	17.00
Hourly Average	0.00	0.00	3.75	0.00	0.50	0.00	0.00	0.00	4.25	4.25
Session Total	0	1	71	0	10	0	0	0	82	81.40
Session Average	0.00	0.05	3.55	0.00	0.50	0.00	0.00	0.00	4.10	4.07

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.5: Left from City Road to Gillette Way									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	10	0	1	0	0	0	11	11.00
1615 - 1630	0	0	13	0	0	0	0	0	13	13.00
1630 - 1645	0	0	12	0	3	0	0	0	15	15.00
1645 - 1700	0	0	10	0	2	0	0	0	12	12.00
Hourly Total	0	0	45	0	6	0	0	0	51	51.00
Hourly Average	0.00	0.00	11.25	0.00	1.50	0.00	0.00	0.00	12.75	12.75
1700 - 1715	0	1	16	0	0	0	0	0	17	16.40
1715 - 1730	0	0	17	0	1	0	0	0	18	18.00
1730 - 1745	0	0	12	0	1	0	0	0	13	13.00
1745 - 1800	0	0	15	0	1	0	0	0	16	16.00
Hourly Total	0	1	60	0	3	0	0	0	64	63.40
Hourly Average	0.00	0.25	15.00	0.00	0.75	0.00	0.00	0.00	16.00	15.85
1800 - 1815	0	0	11	0	1	0	0	0	12	12.00
1815 - 1830	0	0	10	0	0	0	0	0	10	10.00
1830 - 1845	0	0	16	0	2	0	0	0	18	18.00
1845 - 1900	0	0	11	0	0	0	0	0	11	11.00
Hourly Total	0	0	48	0	3	0	0	0	51	51.00
Hourly Average	0.00	0.00	12.00	0.00	0.75	0.00	0.00	0.00	12.75	12.75
Session Total	0	1	153	0	12	0	0	0	166	165.40
Session Average	0.00	0.08	12.75	0.00	1.00	0.00	0.00	0.00	13.83	13.78

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.5: Left from City Road to Gillette Way									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	8	0	0	0	0	0	8	8.00
1015 - 1030	0	0	12	0	0	0	0	0	12	12.00
1030 - 1045	0	0	8	0	0	0	0	0	8	8.00
1045 - 1100	0	0	19	0	1	0	0	0	20	20.00
Hourly Total	0	0	47	0	1	0	0	0	48	48.00
Hourly Average	0.00	0.00	11.75	0.00	0.25	0.00	0.00	0.00	12.00	12.00
1100 - 1115	0	0	18	0	1	0	0	0	19	19.00
1115 - 1130	0	0	15	0	3	0	0	0	18	18.00
1130 - 1145	0	0	18	0	0	0	0	0	18	18.00
1145 - 1200	0	0	16	0	1	0	0	0	17	17.00
Hourly Total	0	0	67	0	5	0	0	0	72	72.00
Hourly Average	0.00	0.00	16.75	0.00	1.25	0.00	0.00	0.00	18.00	18.00
1200 - 1215	0	0	19	0	1	0	0	0	20	20.00
1215 - 1230	0	1	30	0	0	0	0	0	31	30.40
1230 - 1245	0	0	24	0	1	0	0	0	25	25.00
1245 - 1300	0	0	16	0	2	0	0	0	18	18.00
Hourly Total	0	1	89	0	4	0	0	0	94	93.40
Hourly Average	0.00	0.25	22.25	0.00	1.00	0.00	0.00	0.00	23.50	23.35
1300 - 1315	0	0	27	0	0	0	0	0	27	27.00
1315 - 1330	0	0	10	1	1	0	0	0	12	12.00
1330 - 1345	0	0	13	0	1	0	0	0	14	14.00
1345 - 1400	0	0	9	0	0	0	0	0	9	9.00
Hourly Total	0	0	59	1	2	0	0	0	62	62.00
Hourly Average	0.00	0.00	14.75	0.25	0.50	0.00	0.00	0.00	15.50	15.50
1400 - 1415	0	0	17	0	2	0	0	0	19	19.00
1415 - 1430	0	0	17	0	1	0	0	0	18	18.00
1430 - 1445	0	0	23	0	0	0	0	0	23	23.00
1445 - 1500	0	0	13	0	0	0	0	0	13	13.00
Hourly Total	0	0	70	0	3	0	0	0	73	73.00
Hourly Average	0.00	0.00	17.50	0.00	0.75	0.00	0.00	0.00	18.25	18.25
Session Total	0	1	332	1	15	0	0	0	349	348.40
Session Average	0.00	0.05	16.60	0.05	0.75	0.00	0.00	0.00	17.45	17.42

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.6: Northbound from City Road to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	28	0	3	0	0	0	31	31.00
1615 - 1630	0	0	38	0	3	0	0	0	41	41.00
1630 - 1645	1	0	30	0	4	0	0	0	35	34.20
1645 - 1700	2	1	47	0	4	0	0	0	54	51.80
Hourly Total	3	1	143	0	14	0	0	0	161	158.00
Hourly Average	0.75	0.25	35.75	0.00	3.50	0.00	0.00	0.00	40.25	39.50
1700 - 1715	0	1	38	0	2	0	0	1	42	42.40
1715 - 1730	0	0	34	0	1	0	0	0	35	35.00
1730 - 1745	1	2	29	1	4	0	0	0	37	35.00
1745 - 1800	0	0	47	0	3	0	0	0	50	50.00
Hourly Total	1	3	148	1	10	0	0	1	164	162.40
Hourly Average	0.25	0.75	37.00	0.25	2.50	0.00	0.00	0.25	41.00	40.60
1800 - 1815	1	0	37	0	1	0	0	0	39	38.20
1815 - 1830	0	0	40	0	1	0	0	0	41	41.00
1830 - 1845	0	0	42	1	1	0	0	0	44	44.00
1845 - 1900	0	1	18	0	0	0	0	0	19	18.40
Hourly Total	1	1	137	1	3	0	0	0	143	141.60
Hourly Average	0.25	0.25	34.25	0.25	0.75	0.00	0.00	0.00	35.75	35.40
Session Total	5	5	428	2	27	0	0	1	468	462.00
Session Average	0.42	0.42	35.67	0.17	2.25	0.00	0.00	0.08	39.00	38.50

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.6: Northbound from City Road to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	43	0	5	0	0	0	48	48.00
1015 - 1030	0	0	49	0	4	0	0	0	53	53.00
1030 - 1045	0	1	40	0	5	0	0	0	46	45.40
1045 - 1100	0	0	51	0	3	0	0	0	54	54.00
Hourly Total	0	1	183	0	17	0	0	0	201	200.40
Hourly Average	0.00	0.25	45.75	0.00	4.25	0.00	0.00	0.00	50.25	50.10
1100 - 1115	0	0	58	0	2	0	0	0	60	60.00
1115 - 1130	1	0	58	0	6	0	0	0	65	64.20
1130 - 1145	0	0	52	0	1	0	0	0	53	53.00
1145 - 1200	0	1	56	0	2	0	0	0	59	58.40
Hourly Total	1	1	224	0	11	0	0	0	237	235.60
Hourly Average	0.25	0.25	56.00	0.00	2.75	0.00	0.00	0.00	59.25	58.90
1200 - 1215	2	0	57	0	1	0	0	0	60	58.40
1215 - 1230	0	0	70	0	4	0	0	0	74	74.00
1230 - 1245	1	0	55	0	0	0	0	0	56	55.20
1245 - 1300	0	2	57	0	3	0	0	0	62	60.80
Hourly Total	3	2	239	0	8	0	0	0	252	248.40
Hourly Average	0.75	0.50	59.75	0.00	2.00	0.00	0.00	0.00	63.00	62.10
1300 - 1315	1	0	43	0	2	0	0	0	46	45.20
1315 - 1330	0	0	40	0	4	0	0	0	44	44.00
1330 - 1345	0	0	50	0	0	0	0	0	50	50.00
1345 - 1400	1	0	49	0	1	0	0	0	51	50.20
Hourly Total	2	0	182	0	7	0	0	0	191	189.40
Hourly Average	0.50	0.00	45.50	0.00	1.75	0.00	0.00	0.00	47.75	47.35
1400 - 1415	0	0	42	0	1	0	0	0	43	43.00
1415 - 1430	0	0	36	0	0	0	0	0	36	36.00
1430 - 1445	0	0	37	0	0	0	0	0	37	37.00
1445 - 1500	0	0	40	1	3	0	0	0	44	44.00
Hourly Total	0	0	155	1	4	0	0	0	160	160.00
Hourly Average	0.00	0.00	38.75	0.25	1.00	0.00	0.00	0.00	40.00	40.00
Session Total	6	4	983	1	47	0	0	0	1041	1033.80
Session Average	0.30	0.20	49.15	0.05	2.35	0.00	0.00	0.00	52.05	51.69

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

TIME	Movement 1.7: Right from City Road to Rose Kiln Lane (East)								Original Data	
	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	1	25	0	4	0	0	0	30	29.40
1615 - 1630	0	1	31	1	3	0	0	0	36	35.40
1630 - 1645	0	2	41	0	3	0	0	0	46	44.80
1645 - 1700	0	0	43	0	7	0	0	0	50	50.00
Hourly Total	0	4	140	1	17	0	0	0	162	159.60
Hourly Average	0.00	1.00	35.00	0.25	4.25	0.00	0.00	0.00	40.50	39.90
1700 - 1715	0	0	35	1	5	0	0	0	41	41.00
1715 - 1730	0	0	39	0	4	0	0	0	43	43.00
1730 - 1745	0	0	49	0	5	0	0	0	54	54.00
1745 - 1800	0	0	38	0	3	0	0	0	41	41.00
Hourly Total	0	0	161	1	17	0	0	0	179	179.00
Hourly Average	0.00	0.00	40.25	0.25	4.25	0.00	0.00	0.00	44.75	44.75
1800 - 1815	0	0	41	0	1	0	0	0	42	42.00
1815 - 1830	0	0	38	1	3	0	0	0	42	42.00
1830 - 1845	0	0	50	0	2	0	0	0	52	52.00
1845 - 1900	0	1	39	0	2	0	0	0	42	41.40
Hourly Total	0	1	168	1	8	0	0	0	178	177.40
Hourly Average	0.00	0.25	42.00	0.25	2.00	0.00	0.00	0.00	44.50	44.35
Session Total	0	5	469	3	42	0	0	0	519	516.00
Session Average	0.00	0.42	39.08	0.25	3.50	0.00	0.00	0.00	43.25	43.00

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

TIME	Movement 1.7: Right from City Road to Rose Kiln Lane (East)								Original Data	
	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	1	33	0	3	0	0	0	37	36.40
1015 - 1030	0	0	40	0	2	0	0	0	42	42.00
1030 - 1045	0	0	35	0	4	0	0	0	39	39.00
1045 - 1100	0	0	41	0	2	0	0	0	43	43.00
Hourly Total	0	1	149	0	11	0	0	0	161	160.40
Hourly Average	0.00	0.25	37.25	0.00	2.75	0.00	0.00	0.00	40.25	40.10
1100 - 1115	0	0	47	0	2	0	0	0	49	49.00
1115 - 1130	0	0	46	1	4	0	0	0	51	51.00
1130 - 1145	0	1	47	0	3	0	0	0	51	50.40
1145 - 1200	0	2	42	0	1	0	0	0	45	43.80
Hourly Total	0	3	182	1	10	0	0	0	196	194.20
Hourly Average	0.00	0.75	45.50	0.25	2.50	0.00	0.00	0.00	49.00	48.55
1200 - 1215	0	0	32	0	1	0	0	0	33	33.00
1215 - 1230	0	0	55	0	0	0	0	0	55	55.00
1230 - 1245	0	2	44	0	4	0	0	0	50	48.80
1245 - 1300	0	0	37	0	3	0	0	0	40	40.00
Hourly Total	0	2	168	0	8	0	0	0	178	176.80
Hourly Average	0.00	0.50	42.00	0.00	2.00	0.00	0.00	0.00	44.50	44.20
1300 - 1315	0	0	39	0	1	0	0	0	40	40.00
1315 - 1330	0	3	36	1	1	0	0	0	41	39.20
1330 - 1345	0	0	37	0	1	0	0	0	38	38.00
1345 - 1400	0	0	47	0	3	0	0	0	50	50.00
Hourly Total	0	3	159	1	6	0	0	0	169	167.20
Hourly Average	0.00	0.75	39.75	0.25	1.50	0.00	0.00	0.00	42.25	41.80
1400 - 1415	0	1	37	0	1	0	0	0	39	38.40
1415 - 1430	0	0	39	0	1	0	0	0	40	40.00
1430 - 1445	0	0	37	0	0	0	0	0	37	37.00
1445 - 1500	0	0	32	0	1	0	0	0	33	33.00
Hourly Total	0	1	145	0	3	0	0	0	149	148.40
Hourly Average	0.00	0.25	36.25	0.00	0.75	0.00	0.00	0.00	37.25	37.10
Session Total	0	10	803	2	38	0	0	0	853	847.00
Session Average	0.00	0.50	40.15	0.10	1.90	0.00	0.00	0.00	42.65	42.35

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.9: Left from Gillette Way to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	2	29	0	7	2	1	0	41	42.10
1615 - 1630	3	0	21	0	6	4	3	0	37	40.50
1630 - 1645	1	0	26	0	6	0	0	0	33	32.20
1645 - 1700	0	0	29	0	5	1	0	0	35	35.50
Hourly Total	4	2	105	0	24	7	4	0	146	150.30
Hourly Average	1.00	0.50	26.25	0.00	6.00	1.75	1.00	0.00	36.50	37.58
1700 - 1715	1	0	48	0	4	1	0	0	54	53.70
1715 - 1730	0	0	21	0	1	0	0	0	22	22.00
1730 - 1745	0	0	24	0	4	0	0	0	28	28.00
1745 - 1800	0	0	26	0	6	0	0	0	32	32.00
Hourly Total	1	0	119	0	15	1	0	0	136	135.70
Hourly Average	0.25	0.00	29.75	0.00	3.75	0.25	0.00	0.00	34.00	33.93
1800 - 1815	0	0	29	0	5	0	0	0	34	34.00
1815 - 1830	0	0	22	0	2	0	1	0	25	26.30
1830 - 1845	0	0	30	0	2	1	0	0	33	33.50
1845 - 1900	0	1	21	0	3	0	1	0	26	26.70
Hourly Total	0	1	102	0	12	1	2	0	118	120.50
Hourly Average	0.00	0.25	25.50	0.00	3.00	0.25	0.50	0.00	29.50	30.13
Session Total	5	3	326	0	51	9	6	0	400	406.50
Session Average	0.42	0.25	27.17	0.00	4.25	0.75	0.50	0.00	33.33	33.88

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.9: Left from Gillette Way to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	1	37	0	2	0	0	0	40	39.40
1015 - 1030	0	1	18	0	5	0	0	0	24	23.40
1030 - 1045	0	1	17	0	4	0	0	0	22	21.40
1045 - 1100	0	0	14	0	0	1	1	0	16	17.80
Hourly Total	0	3	86	0	11	1	1	0	102	102.00
Hourly Average	0.00	0.75	21.50	0.00	2.75	0.25	0.25	0.00	25.50	25.50
1100 - 1115	0	0	28	0	2	1	0	0	31	31.50
1115 - 1130	0	0	30	0	1	1	0	0	32	32.50
1130 - 1145	0	0	23	1	3	2	0	0	29	30.00
1145 - 1200	0	0	21	0	1	0	1	0	23	24.30
Hourly Total	0	0	102	1	7	4	1	0	115	118.30
Hourly Average	0.00	0.00	25.50	0.25	1.75	1.00	0.25	0.00	28.75	29.58
1200 - 1215	0	1	41	0	1	2	2	0	47	50.00
1215 - 1230	0	0	23	0	1	1	2	0	27	30.10
1230 - 1245	1	0	15	0	3	2	0	0	21	21.20
1245 - 1300	0	0	19	0	3	1	0	0	23	23.50
Hourly Total	1	1	98	0	8	6	4	0	118	124.80
Hourly Average	0.25	0.25	24.50	0.00	2.00	1.50	1.00	0.00	29.50	31.20
1300 - 1315	0	0	40	0	3	1	0	0	44	44.50
1315 - 1330	0	0	42	0	1	1	1	0	45	46.80
1330 - 1345	0	0	26	0	3	1	0	0	30	30.50
1345 - 1400	0	0	19	0	3	1	0	0	23	23.50
Hourly Total	0	0	127	0	10	4	1	0	142	145.30
Hourly Average	0.00	0.00	31.75	0.00	2.50	1.00	0.25	0.00	35.50	36.33
1400 - 1415	0	1	45	0	1	0	1	0	48	48.70
1415 - 1430	0	0	43	0	6	0	0	0	49	49.00
1430 - 1445	0	1	41	1	4	1	0	0	48	47.90
1445 - 1500	0	0	42	0	3	0	0	0	45	45.00
Hourly Total	0	2	171	1	14	1	1	0	190	190.60
Hourly Average	0.00	0.50	42.75	0.25	3.50	0.25	0.25	0.00	47.50	47.65
Session Total	1	6	584	2	50	16	8	0	667	681.00
Session Average	0.05	0.30	29.20	0.10	2.50	0.80	0.40	0.00	33.35	34.05

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.10: Eastbound from Gillette Way to Rose Kiln Lane (East)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	7	0	2	0	0	0	9	9.00
1615 - 1630	0	0	11	0	3	1	0	0	15	15.50
1630 - 1645	0	0	8	0	4	0	0	0	12	12.00
1645 - 1700	0	0	15	0	0	0	0	0	15	15.00
Hourly Total	0	0	41	0	9	1	0	0	51	51.50
Hourly Average	0.00	0.00	10.25	0.00	2.25	0.25	0.00	0.00	12.75	12.88
1700 - 1715	0	2	10	0	0	0	0	0	12	10.80
1715 - 1730	1	0	11	0	1	0	1	0	14	14.50
1730 - 1745	1	1	23	0	0	0	0	0	25	23.60
1745 - 1800	0	0	7	0	0	0	1	0	8	9.30
Hourly Total	2	3	51	0	1	0	2	0	59	58.20
Hourly Average	0.50	0.75	12.75	0.00	0.25	0.00	0.50	0.00	14.75	14.55
1800 - 1815	0	0	18	0	1	1	0	0	20	20.50
1815 - 1830	0	0	11	0	1	0	0	0	12	12.00
1830 - 1845	0	0	14	0	0	0	0	0	14	14.00
1845 - 1900	1	0	5	0	1	0	0	0	7	6.20
Hourly Total	1	0	48	0	3	1	0	0	53	52.70
Hourly Average	0.25	0.00	12.00	0.00	0.75	0.25	0.00	0.00	13.25	13.18
Session Total	3	3	140	0	13	2	2	0	163	162.40
Session Average	0.25	0.25	11.67	0.00	1.08	0.17	0.17	0.00	13.58	13.53

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.10: Eastbound from Gillette Way to Rose Kiln Lane (East)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	12	0	2	0	0	0	14	14.00
1015 - 1030	0	0	5	0	0	0	0	0	5	5.00
1030 - 1045	0	0	5	0	2	0	0	0	7	7.00
1045 - 1100	0	0	12	0	0	0	0	0	12	12.00
Hourly Total	0	0	34	0	4	0	0	0	38	38.00
Hourly Average	0.00	0.00	8.50	0.00	1.00	0.00	0.00	0.00	9.50	9.50
1100 - 1115	0	0	8	0	0	1	0	0	9	9.50
1115 - 1130	0	0	10	0	1	0	0	0	11	11.00
1130 - 1145	0	0	4	0	0	0	0	0	4	4.00
1145 - 1200	0	0	3	0	0	0	0	0	3	3.00
Hourly Total	0	0	25	0	1	1	0	0	27	27.50
Hourly Average	0.00	0.00	6.25	0.00	0.25	0.25	0.00	0.00	6.75	6.88
1200 - 1215	0	0	16	0	3	0	0	0	19	19.00
1215 - 1230	0	1	5	0	1	0	0	0	7	6.40
1230 - 1245	0	0	5	0	1	0	0	0	6	6.00
1245 - 1300	0	0	5	0	0	0	0	0	5	5.00
Hourly Total	0	1	31	0	5	0	0	0	37	36.40
Hourly Average	0.00	0.25	7.75	0.00	1.25	0.00	0.00	0.00	9.25	9.10
1300 - 1315	0	1	10	0	2	0	0	0	13	12.40
1315 - 1330	0	1	6	0	0	1	0	0	8	7.90
1330 - 1345	0	0	3	0	1	0	0	0	4	4.00
1345 - 1400	0	0	9	0	0	1	1	0	10	11.30
Hourly Total	0	2	28	0	3	1	1	0	35	35.60
Hourly Average	0.00	0.50	7.00	0.00	0.75	0.25	0.25	0.00	8.75	8.90
1400 - 1415	0	0	10	0	1	0	1	0	12	13.30
1415 - 1430	0	0	6	0	0	1	0	0	7	7.50
1430 - 1445	1	0	8	0	1	0	0	0	10	9.20
1445 - 1500	0	0	6	0	3	0	0	0	9	9.00
Hourly Total	1	0	30	0	5	1	1	0	38	39.00
Hourly Average	0.25	0.00	7.50	0.00	1.25	0.25	0.25	0.00	9.50	9.75
Session Total	1	3	148	0	18	3	2	0	175	176.50
Session Average	0.05	0.15	7.40	0.00	0.90	0.15	0.10	0.00	8.75	8.83

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.11: Right from Gillette Way to City Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	12	0	0	0	0	0	12	12.00
1615 - 1630	0	0	8	0	1	0	0	0	9	9.00
1630 - 1645	0	0	12	0	4	0	0	0	16	16.00
1645 - 1700	0	0	11	0	0	0	0	0	11	11.00
Hourly Total	0	0	43	0	5	0	0	0	48	48.00
Hourly Average	0.00	0.00	10.75	0.00	1.25	0.00	0.00	0.00	12.00	12.00
1700 - 1715	0	0	7	0	0	0	0	0	7	7.00
1715 - 1730	0	0	9	0	1	0	0	0	10	10.00
1730 - 1745	0	1	10	0	0	0	0	0	11	10.40
1745 - 1800	0	0	5	0	0	0	0	0	5	5.00
Hourly Total	0	1	31	0	1	0	0	0	33	32.40
Hourly Average	0.00	0.25	7.75	0.00	0.25	0.00	0.00	0.00	8.25	8.10
1800 - 1815	0	0	9	0	1	0	0	0	10	10.00
1815 - 1830	0	0	12	0	0	0	0	0	12	12.00
1830 - 1845	0	0	2	0	0	0	0	0	2	2.00
1845 - 1900	0	0	4	0	0	0	0	0	4	4.00
Hourly Total	0	0	27	0	1	0	0	0	28	28.00
Hourly Average	0.00	0.00	6.75	0.00	0.25	0.00	0.00	0.00	7.00	7.00
Session Total	0	1	101	0	7	0	0	0	109	108.40
Session Average	0.00	0.08	8.42	0.00	0.58	0.00	0.00	0.00	9.08	9.03

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.11: Right from Gillette Way to City Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	15	0	4	0	0	0	19	19.00
1015 - 1030	0	0	9	0	1	0	0	0	10	10.00
1030 - 1045	0	0	6	0	2	0	0	0	8	8.00
1045 - 1100	0	0	11	0	1	0	0	0	12	12.00
Hourly Total	0	0	41	0	8	0	0	0	49	49.00
Hourly Average	0.00	0.00	10.25	0.00	2.00	0.00	0.00	0.00	12.25	12.25
1100 - 1115	0	0	17	0	1	0	0	0	18	18.00
1115 - 1130	0	0	19	0	0	0	0	0	19	19.00
1130 - 1145	0	0	9	0	1	0	0	0	10	10.00
1145 - 1200	0	0	8	0	1	0	0	0	9	9.00
Hourly Total	0	0	53	0	3	0	0	0	56	56.00
Hourly Average	0.00	0.00	13.25	0.00	0.75	0.00	0.00	0.00	14.00	14.00
1200 - 1215	0	0	13	0	1	0	0	0	14	14.00
1215 - 1230	0	0	9	0	1	0	0	0	10	10.00
1230 - 1245	0	0	7	0	0	0	0	0	7	7.00
1245 - 1300	0	0	8	0	0	0	0	0	8	8.00
Hourly Total	0	0	37	0	2	0	0	0	39	39.00
Hourly Average	0.00	0.00	9.25	0.00	0.50	0.00	0.00	0.00	9.75	9.75
1300 - 1315	0	0	6	0	2	0	0	0	8	8.00
1315 - 1330	0	1	4	0	1	0	0	0	6	5.40
1330 - 1345	0	0	8	0	0	0	0	0	8	8.00
1345 - 1400	0	0	4	0	1	0	0	0	5	5.00
Hourly Total	0	1	22	0	4	0	0	0	27	26.40
Hourly Average	0.00	0.25	5.50	0.00	1.00	0.00	0.00	0.00	6.75	6.60
1400 - 1415	0	0	11	0	0	0	0	0	11	11.00
1415 - 1430	0	0	13	0	0	0	0	0	13	13.00
1430 - 1445	0	0	9	0	1	0	0	0	10	10.00
1445 - 1500	0	0	15	0	0	0	0	0	15	15.00
Hourly Total	0	0	48	0	1	0	0	0	49	49.00
Hourly Average	0.00	0.00	12.00	0.00	0.25	0.00	0.00	0.00	12.25	12.25
Session Total	0	1	201	0	18	0	0	0	220	219.40
Session Average	0.00	0.05	10.05	0.00	0.90	0.00	0.00	0.00	11.00	10.97

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.13: Left from Rose Kiln Lane (West) to Rose Kiln Lane (East)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	2	82	2	17	0	0	0	103	101.80
1615 - 1630	0	0	94	1	18	1	0	1	115	116.50
1630 - 1645	0	0	73	0	8	0	0	0	81	81.00
1645 - 1700	0	0	97	1	13	0	0	0	111	111.00
Hourly Total	0	2	346	4	56	1	0	1	410	410.30
Hourly Average	0.00	0.50	86.50	1.00	14.00	0.25	0.00	0.25	102.50	102.58
1700 - 1715	0	0	104	0	17	0	0	0	121	121.00
1715 - 1730	0	0	96	0	8	1	0	0	105	105.50
1730 - 1745	1	1	98	0	12	0	0	1	113	112.60
1745 - 1800	1	1	102	0	9	1	0	0	114	113.10
Hourly Total	2	2	400	0	46	2	0	1	453	452.20
Hourly Average	0.50	0.50	100.00	0.00	11.50	0.50	0.00	0.25	113.25	113.05
1800 - 1815	0	2	90	0	5	0	1	0	98	98.10
1815 - 1830	0	0	104	1	3	0	0	0	108	108.00
1830 - 1845	0	0	87	0	8	0	1	0	96	97.30
1845 - 1900	2	0	76	0	8	0	2	0	86	84.40
Hourly Total	2	2	357	1	24	0	2	0	388	387.80
Hourly Average	0.50	0.50	89.25	0.25	6.00	0.00	0.50	0.00	97.00	96.95
Session Total	4	6	1103	5	126	3	2	2	1251	1250.30
Session Average	0.33	0.50	91.92	0.42	10.50	0.25	0.17	0.17	104.25	104.19

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.13: Left from Rose Kiln Lane (West) to Rose Kiln Lane (East)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	75	0	6	0	0	0	81	81.00
1015 - 1030	0	0	76	0	5	0	0	0	81	81.00
1030 - 1045	1	0	85	0	3	0	0	0	89	88.20
1045 - 1100	1	2	72	1	8	0	0	0	84	82.00
Hourly Total	2	2	308	1	22	0	0	0	335	332.20
Hourly Average	0.50	0.50	77.00	0.25	5.50	0.00	0.00	0.00	83.75	83.05
1100 - 1115	0	1	96	0	6	0	0	0	103	102.40
1115 - 1130	0	0	65	0	4	1	0	0	70	70.50
1130 - 1145	0	0	84	0	9	0	0	0	93	93.00
1145 - 1200	0	1	79	0	7	0	0	0	87	86.40
Hourly Total	0	2	324	0	26	1	0	0	353	352.30
Hourly Average	0.00	0.50	81.00	0.00	6.50	0.25	0.00	0.00	88.25	88.08
1200 - 1215	0	0	82	0	5	0	0	0	87	87.00
1215 - 1230	0	0	75	0	6	0	0	0	81	81.00
1230 - 1245	1	1	92	0	6	0	0	0	100	98.60
1245 - 1300	0	0	91	0	11	1	0	0	103	103.50
Hourly Total	1	1	340	0	28	1	0	0	371	370.10
Hourly Average	0.25	0.25	85.00	0.00	7.00	0.25	0.00	0.00	92.75	92.53
1300 - 1315	0	3	84	1	5	0	0	0	93	91.20
1315 - 1330	1	0	87	0	4	0	0	0	92	91.20
1330 - 1345	1	1	89	0	8	0	0	0	99	97.60
1345 - 1400	0	0	91	0	8	0	0	0	99	99.00
Hourly Total	2	4	351	1	25	0	0	0	383	379.00
Hourly Average	0.50	1.00	87.75	0.25	6.25	0.00	0.00	0.00	95.75	94.75
1400 - 1415	0	0	77	1	5	0	0	0	83	83.00
1415 - 1430	0	1	85	0	8	0	0	0	94	93.40
1430 - 1445	0	0	90	2	4	0	0	0	96	96.00
1445 - 1500	0	3	104	1	11	0	0	0	119	117.20
Hourly Total	0	4	356	4	28	0	0	0	392	389.60
Hourly Average	0.00	1.00	89.00	1.00	7.00	0.00	0.00	0.00	98.00	97.40
Session Total	5	13	1679	6	129	2	0	0	1834	1823.20
Session Average	0.25	0.65	83.95	0.30	6.45	0.10	0.00	0.00	91.70	91.16

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.14: Southbound from Rose Kiln Lane (West) to City Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	1	0	29	0	2	0	1	0	33	33.50
1615 - 1630	0	1	40	0	5	0	0	0	46	45.40
1630 - 1645	0	0	44	0	5	0	0	0	49	49.00
1645 - 1700	0	0	38	0	2	0	0	0	40	40.00
Hourly Total	1	1	151	0	14	0	1	0	168	167.90
Hourly Average	0.25	0.25	37.75	0.00	3.50	0.00	0.25	0.00	42.00	41.98
1700 - 1715	0	0	44	0	4	0	0	0	48	48.00
1715 - 1730	0	0	44	0	1	0	0	0	45	45.00
1730 - 1745	0	1	34	0	5	0	0	0	40	39.40
1745 - 1800	0	0	54	0	1	0	0	0	55	55.00
Hourly Total	0	1	176	0	11	0	0	0	188	187.40
Hourly Average	0.00	0.25	44.00	0.00	2.75	0.00	0.00	0.00	47.00	46.85
1800 - 1815	0	0	35	0	4	0	0	0	39	39.00
1815 - 1830	0	0	43	1	0	0	0	0	44	44.00
1830 - 1845	0	0	35	1	2	0	0	0	38	38.00
1845 - 1900	0	1	22	0	1	0	0	0	24	23.40
Hourly Total	0	1	135	2	7	0	0	0	145	144.40
Hourly Average	0.00	0.25	33.75	0.50	1.75	0.00	0.00	0.00	36.25	36.10
Session Total	1	3	462	2	32	0	1	0	501	499.70
Session Average	0.08	0.25	38.50	0.17	2.67	0.00	0.08	0.00	41.75	41.64

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.14: Southbound from Rose Kiln Lane (West) to City Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	34	0	3	0	0	0	37	37.00
1015 - 1030	0	0	36	0	3	0	0	0	39	39.00
1030 - 1045	0	0	45	0	2	0	0	0	47	47.00
1045 - 1100	0	0	50	0	3	0	0	0	53	53.00
Hourly Total	0	0	165	0	11	0	0	0	176	176.00
Hourly Average	0.00	0.00	41.25	0.00	2.75	0.00	0.00	0.00	44.00	44.00
1100 - 1115	0	0	55	2	3	0	0	0	60	60.00
1115 - 1130	0	0	48	0	2	0	0	0	50	50.00
1130 - 1145	0	1	53	0	2	0	0	0	56	55.40
1145 - 1200	0	1	49	0	2	0	0	0	52	51.40
Hourly Total	0	2	205	2	9	0	0	0	218	216.80
Hourly Average	0.00	0.50	51.25	0.50	2.25	0.00	0.00	0.00	54.50	54.20
1200 - 1215	1	0	64	0	2	0	0	0	67	66.20
1215 - 1230	0	0	36	0	0	0	0	0	36	36.00
1230 - 1245	0	0	50	0	0	0	0	0	50	50.00
1245 - 1300	1	0	49	0	2	0	0	0	52	51.20
Hourly Total	2	0	199	0	4	0	0	0	205	203.40
Hourly Average	0.50	0.00	49.75	0.00	1.00	0.00	0.00	0.00	51.25	50.85
1300 - 1315	0	0	46	0	3	0	0	0	49	49.00
1315 - 1330	0	0	33	0	0	0	0	0	33	33.00
1330 - 1345	0	2	29	0	3	0	0	0	34	32.80
1345 - 1400	1	0	30	0	2	0	0	0	33	32.20
Hourly Total	1	2	138	0	8	0	0	0	149	147.00
Hourly Average	0.25	0.50	34.50	0.00	2.00	0.00	0.00	0.00	37.25	36.75
1400 - 1415	0	0	27	0	0	0	0	0	27	27.00
1415 - 1430	0	0	24	3	0	0	0	0	27	27.00
1430 - 1445	0	0	33	0	2	0	0	0	35	35.00
1445 - 1500	0	0	39	0	2	0	0	0	41	41.00
Hourly Total	0	0	123	3	4	0	0	0	130	130.00
Hourly Average	0.00	0.00	30.75	0.75	1.00	0.00	0.00	0.00	32.50	32.50
Session Total	3	4	830	5	36	0	0	0	878	873.20
Session Average	0.15	0.20	41.50	0.25	1.80	0.00	0.00	0.00	43.90	43.66

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

TIME	Movement 1.15: Right from Rose Kiln Lane (West) to Gillette Way								Original Data	
	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	21	0	3	0	2	1	27	30.60
1615 - 1630	1	0	20	0	5	0	0	1	27	27.20
1630 - 1645	0	0	18	0	3	0	1	0	22	23.30
1645 - 1700	0	0	33	0	5	0	0	1	39	40.00
Hourly Total	1	0	92	0	16	0	3	3	115	121.10
Hourly Average	0.25	0.00	23.00	0.00	4.00	0.00	0.75	0.75	28.75	30.28
1700 - 1715	0	0	25	0	8	0	0	1	34	35.00
1715 - 1730	0	0	26	0	5	0	1	1	33	35.30
1730 - 1745	0	0	34	0	3	0	0	0	37	37.00
1745 - 1800	0	0	31	0	6	1	0	1	39	40.50
Hourly Total	0	0	116	0	22	1	1	3	143	147.80
Hourly Average	0.00	0.00	29.00	0.00	5.50	0.25	0.25	0.75	35.75	36.95
1800 - 1815	0	0	13	0	3	1	0	1	18	19.50
1815 - 1830	0	0	23	0	2	0	1	1	27	29.30
1830 - 1845	0	0	17	0	4	0	0	0	21	21.00
1845 - 1900	0	0	11	0	0	0	0	1	12	13.00
Hourly Total	0	0	64	0	9	1	1	3	78	82.80
Hourly Average	0.00	0.00	16.00	0.00	2.25	0.25	0.25	0.75	19.50	20.70
Session Total	1	0	272	0	47	2	5	9	336	351.70
Session Average	0.08	0.00	22.67	0.00	3.92	0.17	0.42	0.75	28.00	29.31

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

TIME	Movement 1.15: Right from Rose Kiln Lane (West) to Gillette Way								Original Data	
	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	18	0	1	0	0	1	20	21.00
1015 - 1030	0	0	7	0	2	0	0	1	10	11.00
1030 - 1045	0	0	19	0	2	0	0	0	21	21.00
1045 - 1100	0	0	25	0	0	2	0	1	28	30.00
Hourly Total	0	0	69	0	5	2	0	3	79	83.00
Hourly Average	0.00	0.00	17.25	0.00	1.25	0.50	0.00	0.75	19.75	20.75
1100 - 1115	0	0	16	0	1	0	0	1	18	19.00
1115 - 1130	0	0	20	0	2	0	0	1	23	24.00
1130 - 1145	0	0	24	0	3	0	1	0	28	29.30
1145 - 1200	0	0	24	0	0	0	0	1	25	26.00
Hourly Total	0	0	84	0	6	0	1	3	94	98.30
Hourly Average	0.00	0.00	21.00	0.00	1.50	0.00	0.25	0.75	23.50	24.58
1200 - 1215	0	0	21	0	3	0	0	1	25	26.00
1215 - 1230	0	0	29	0	2	0	2	1	34	37.60
1230 - 1245	1	0	24	0	3	0	0	0	28	27.20
1245 - 1300	0	0	24	0	4	1	0	2	31	33.50
Hourly Total	1	0	98	0	12	1	2	4	118	124.30
Hourly Average	0.25	0.00	24.50	0.00	3.00	0.25	0.50	1.00	29.50	31.08
1300 - 1315	0	0	16	0	7	0	0	1	24	25.00
1315 - 1330	0	0	14	0	5	0	1	1	21	23.30
1330 - 1345	0	0	22	0	6	0	1	0	29	30.30
1345 - 1400	0	0	16	0	0	0	0	1	17	18.00
Hourly Total	0	0	68	0	18	0	2	3	91	96.60
Hourly Average	0.00	0.00	17.00	0.00	4.50	0.00	0.50	0.75	22.75	24.15
1400 - 1415	0	0	19	0	6	0	1	1	27	29.30
1415 - 1430	0	0	40	1	5	0	1	1	48	50.30
1430 - 1445	0	1	35	2	5	0	0	0	43	42.40
1445 - 1500	0	0	35	2	3	0	0	1	41	42.00
Hourly Total	0	1	129	5	19	0	2	3	159	164.00
Hourly Average	0.00	0.25	32.25	1.25	4.75	0.00	0.50	0.75	39.75	41.00
Session Total	1	1	448	5	60	3	7	16	541	566.20
Session Average	0.05	0.05	22.40	0.25	3.00	0.15	0.35	0.80	27.05	28.31

Reading
Classified Junction Count

Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 1.16: U-Turn from Rose Kiln Lane (West) to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	0	0	0	0	0	0	0	0.00
1615 - 1630	0	0	2	0	0	0	0	0	2	2.00
1630 - 1645	0	0	3	0	0	0	0	0	3	3.00
1645 - 1700	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	0	0	5	0	0	0	0	0	5	5.00
Hourly Average	0.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	1.25	1.25
1700 - 1715	0	0	0	0	0	0	0	0	0	0.00
1715 - 1730	0	0	1	0	0	0	0	0	1	1.00
1730 - 1745	0	0	2	0	1	0	0	0	3	3.00
1745 - 1800	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	4	0	1	0	0	0	5	5.00
Hourly Average	0.00	0.00	1.00	0.00	0.25	0.00	0.00	0.00	1.25	1.25
1800 - 1815	0	0	1	0	0	0	0	0	1	1.00
1815 - 1830	0	0	0	0	0	0	0	0	0	0.00
1830 - 1845	0	0	1	0	0	0	0	0	1	1.00
1845 - 1900	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	0	0	2	0	0	0	0	0	2	2.00
Hourly Average	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Session Total	0	0	11	0	1	0	0	0	12	12.00
Session Average	0.00	0.00	0.92	0.00	0.08	0.00	0.00	0.00	1.00	1.00

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 1.16: U-Turn from Rose Kiln Lane (West) to Rose Kiln Lane (West)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	2	0	0	0	0	0	2	2.00
1015 - 1030	0	0	1	0	0	0	0	0	1	1.00
1030 - 1045	0	0	0	0	0	0	0	0	0	0.00
1045 - 1100	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	4	0	0	0	0	0	4	4.00
Hourly Average	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
1100 - 1115	0	0	1	0	0	0	0	0	1	1.00
1115 - 1130	0	0	1	0	0	0	0	0	1	1.00
1130 - 1145	0	0	0	0	0	0	0	0	0	0.00
1145 - 1200	0	0	2	0	0	0	0	0	2	2.00
Hourly Total	0	0	4	0	0	0	0	0	4	4.00
Hourly Average	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
1200 - 1215	0	0	1	0	0	0	0	0	1	1.00
1215 - 1230	0	0	2	0	0	0	0	0	2	2.00
1230 - 1245	0	0	2	0	1	0	0	0	3	3.00
1245 - 1300	0	0	5	0	0	0	0	0	5	5.00
Hourly Total	0	0	10	0	1	0	0	0	11	11.00
Hourly Average	0.00	0.00	2.50	0.00	0.25	0.00	0.00	0.00	2.75	2.75
1300 - 1315	0	0	4	0	1	0	0	0	5	5.00
1315 - 1330	0	0	3	0	0	0	0	0	3	3.00
1330 - 1345	0	0	8	0	0	0	0	0	8	8.00
1345 - 1400	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	16	0	1	0	0	0	17	17.00
Hourly Average	0.00	0.00	4.00	0.00	0.25	0.00	0.00	0.00	4.25	4.25
1400 - 1415	0	0	6	0	3	0	0	0	9	9.00
1415 - 1430	0	0	5	0	0	0	0	0	5	5.00
1430 - 1445	0	0	7	0	0	0	0	0	7	7.00
1445 - 1500	0	0	8	0	0	0	0	0	8	8.00
Hourly Total	0	0	26	0	3	0	0	0	29	29.00
Hourly Average	0.00	0.00	6.50	0.00	0.75	0.00	0.00	0.00	7.25	7.25
Session Total	0	0	60	0	5	0	0	0	65	65.00
Session Average	0.00	0.00	3.00	0.00	0.25	0.00	0.00	0.00	3.25	3.25

Reading
Classified Junction Count

Site 2 of 2
B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.1: Left from B3031 Basingstoke Road (North) to Buckland Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	1	42	0	1	0	0	0	44	43.40
1615 - 1630	0	0	40	0	4	1	0	0	45	45.50
1630 - 1645	0	1	46	0	6	0	0	0	53	52.40
1645 - 1700	2	0	39	0	5	0	0	0	46	44.40
Hourly Total	2	2	167	0	16	1	0	0	188	185.70
Hourly Average	0.50	0.50	41.75	0.00	4.00	0.25	0.00	0.00	47.00	46.43
1700 - 1715	0	0	45	0	6	0	0	0	51	51.00
1715 - 1730	0	0	47	0	3	0	0	0	50	50.00
1730 - 1745	1	0	44	0	3	0	0	0	48	47.20
1745 - 1800	0	0	36	0	4	0	0	0	40	40.00
Hourly Total	1	0	172	0	16	0	0	0	189	188.20
Hourly Average	0.25	0.00	43.00	0.00	4.00	0.00	0.00	0.00	47.25	47.05
1800 - 1815	0	2	42	0	5	0	0	0	49	47.80
1815 - 1830	0	0	47	0	0	0	0	0	47	47.00
1830 - 1845	0	1	35	0	0	0	0	0	36	35.40
1845 - 1900	0	0	43	0	3	0	0	0	46	46.00
Hourly Total	0	3	167	0	8	0	0	0	178	176.20
Hourly Average	0.00	0.75	41.75	0.00	2.00	0.00	0.00	0.00	44.50	44.05
Session Total	3	5	506	0	40	1	0	0	555	550.10
Session Average	0.25	0.42	42.17	0.00	3.33	0.08	0.00	0.00	46.25	45.84

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.1: Left from B3031 Basingstoke Road (North) to Buckland Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	29	4	0	0	0	0	33	33.00
1015 - 1030	0	1	29	2	0	0	0	0	32	31.40
1030 - 1045	0	0	35	1	0	0	0	0	36	36.00
1045 - 1100	1	1	36	1	0	0	0	0	39	37.60
Hourly Total	1	2	129	8	0	0	0	0	140	138.00
Hourly Average	0.25	0.50	32.25	2.00	0.00	0.00	0.00	0.00	35.00	34.50
1100 - 1115	0	1	36	0	3	0	0	0	40	39.40
1115 - 1130	0	0	31	0	0	0	0	0	31	31.00
1130 - 1145	1	0	39	0	4	0	0	0	44	43.20
1145 - 1200	0	0	33	0	4	0	0	0	37	37.00
Hourly Total	1	1	139	0	11	0	0	0	152	150.60
Hourly Average	0.25	0.25	34.75	0.00	2.75	0.00	0.00	0.00	38.00	37.65
1200 - 1215	0	0	39	0	6	0	0	0	45	45.00
1215 - 1230	0	0	24	0	2	0	0	0	26	26.00
1230 - 1245	0	1	35	0	5	0	0	0	41	40.40
1245 - 1300	0	1	29	0	5	0	0	0	35	34.40
Hourly Total	0	2	127	0	18	0	0	0	147	145.80
Hourly Average	0.00	0.50	31.75	0.00	4.50	0.00	0.00	0.00	36.75	36.45
1300 - 1315	0	1	35	0	2	0	0	0	38	37.40
1315 - 1330	0	0	45	0	2	0	0	0	47	47.00
1330 - 1345	0	2	45	0	4	0	0	0	51	49.80
1345 - 1400	2	0	34	2	3	0	0	0	41	39.40
Hourly Total	2	3	159	2	11	0	0	0	177	173.60
Hourly Average	0.50	0.75	39.75	0.50	2.75	0.00	0.00	0.00	44.25	43.40
1400 - 1415	0	1	31	0	3	0	0	0	35	34.40
1415 - 1430	0	0	39	0	1	0	0	0	40	40.00
1430 - 1445	0	0	19	0	1	0	0	0	20	20.00
1445 - 1500	0	0	36	2	5	0	0	0	43	43.00
Hourly Total	0	1	125	2	10	0	0	0	138	137.40
Hourly Average	0.00	0.25	31.25	0.50	2.50	0.00	0.00	0.00	34.50	34.35
Session Total	4	9	679	12	50	0	0	0	754	745.40
Session Average	0.20	0.45	33.95	0.60	2.50	0.00	0.00	0.00	37.70	37.27

Reading
Classified Junction Count

Site 2 of 2
B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.2: Southbound from B3031 Basingstoke Road (North) to B3031 Basingstoke Road (South)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	79	0	11	1	0	2	93	95.50
1615 - 1630	2	1	86	1	22	1	1	2	116	117.60
1630 - 1645	1	1	66	0	19	0	0	3	90	91.60
1645 - 1700	1	0	65	1	11	0	1	3	82	85.50
Hourly Total	4	2	296	2	63	2	2	10	381	390.20
Hourly Average	1.00	0.50	74.00	0.50	15.75	0.50	0.50	2.50	95.25	97.55
1700 - 1715	3	0	109	1	16	0	0	1	130	128.60
1715 - 1730	1	0	75	0	11	0	1	2	90	92.50
1730 - 1745	6	0	81	0	14	2	0	2	105	103.20
1745 - 1800	2	0	70	0	6	0	1	1	80	80.70
Hourly Total	12	0	335	1	47	2	2	6	405	405.00
Hourly Average	3.00	0.00	83.75	0.25	11.75	0.50	0.50	1.50	101.25	101.25
1800 - 1815	3	0	83	0	4	1	0	2	93	93.10
1815 - 1830	2	0	78	1	5	0	0	2	88	88.40
1830 - 1845	1	0	65	1	5	0	0	3	75	77.20
1845 - 1900	1	1	46	0	4	0	0	1	53	52.60
Hourly Total	7	1	272	2	18	1	0	8	309	311.30
Hourly Average	1.75	0.25	68.00	0.50	4.50	0.25	0.00	2.00	77.25	77.83
Session Total	23	3	903	5	128	5	4	24	1095	1106.50
Session Average	1.92	0.25	75.25	0.42	10.67	0.42	0.33	2.00	91.25	92.21

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.2: Southbound from B3031 Basingstoke Road (North) to B3031 Basingstoke Road (South)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	2	0	42	1	8	1	1	1	56	57.20
1015 - 1030	0	2	64	0	12	1	2	2	83	86.90
1030 - 1045	2	0	56	0	7	0	1	1	67	67.70
1045 - 1100	0	0	59	0	5	0	3	3	70	76.90
Hourly Total	4	2	221	1	32	2	7	7	276	288.70
Hourly Average	1.00	0.50	55.25	0.25	8.00	0.50	1.75	1.75	69.00	72.18
1100 - 1115	0	0	65	0	7	1	0	1	74	75.50
1115 - 1130	0	0	71	0	5	0	0	1	77	78.00
1130 - 1145	1	1	75	2	12	0	0	2	93	93.60
1145 - 1200	1	0	76	0	6	0	0	3	86	88.20
Hourly Total	2	1	287	2	30	1	0	7	330	335.30
Hourly Average	0.50	0.25	71.75	0.50	7.50	0.25	0.00	1.75	82.50	83.83
1200 - 1215	0	1	64	0	8	0	0	1	74	74.40
1215 - 1230	0	2	77	2	6	0	0	2	89	89.80
1230 - 1245	1	0	62	0	9	2	0	1	75	76.20
1245 - 1300	0	4	73	1	6	3	0	3	90	92.10
Hourly Total	1	7	276	3	29	5	0	7	328	332.50
Hourly Average	0.25	1.75	69.00	0.75	7.25	1.25	0.00	1.75	82.00	83.13
1300 - 1315	1	2	57	0	5	0	0	1	66	65.00
1315 - 1330	3	0	83	0	3	1	0	2	92	92.10
1330 - 1345	0	1	77	4	2	0	0	1	85	85.40
1345 - 1400	0	1	60	3	5	1	1	3	74	78.20
Hourly Total	4	4	277	7	15	2	1	7	317	320.70
Hourly Average	1.00	1.00	69.25	1.75	3.75	0.50	0.25	1.75	79.25	80.18
1400 - 1415	0	2	69	1	4	0	1	2	79	81.10
1415 - 1430	0	2	93	4	7	1	0	1	108	108.30
1430 - 1445	2	2	108	3	9	1	0	2	127	126.70
1445 - 1500	1	2	93	4	5	0	0	2	107	107.00
Hourly Total	3	8	363	12	25	2	1	7	421	423.10
Hourly Average	0.75	2.00	90.75	3.00	6.25	0.50	0.25	1.75	105.25	105.78
Session Total	14	22	1424	25	131	12	9	35	1672	1700.30
Session Average	0.70	1.10	71.20	1.25	6.55	0.60	0.45	1.75	83.60	85.02

Reading
Classified Junction Count

Site 2 of 2
B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.3: Right from B3031 Basingstoke Road (North) to Morrison Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	0	0	0	0	0	0	0	0.00
1615 - 1630	0	0	0	0	1	0	0	0	1	1.00
1630 - 1645	0	0	1	0	1	0	0	0	2	2.00
1645 - 1700	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	0	0	1	0	2	0	0	0	3	3.00
Hourly Average	0.00	0.00	0.25	0.00	0.50	0.00	0.00	0.00	0.75	0.75
1700 - 1715	0	0	2	0	1	0	0	0	3	3.00
1715 - 1730	0	0	1	0	0	0	0	0	1	1.00
1730 - 1745	0	0	1	0	0	0	0	0	1	1.00
1745 - 1800	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	0	0	4	0	1	0	0	0	5	5.00
Hourly Average	0.00	0.00	1.00	0.00	0.25	0.00	0.00	0.00	1.25	1.25
1800 - 1815	0	0	1	0	0	0	0	0	1	1.00
1815 - 1830	0	0	2	0	0	0	0	0	2	2.00
1830 - 1845	1	0	0	0	0	0	0	0	1	0.20
1845 - 1900	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	1	0	3	0	0	0	0	0	4	3.20
Hourly Average	0.25	0.00	0.75	0.00	0.00	0.00	0.00	0.00	1.00	0.80
Session Total	1	0	8	0	3	0	0	0	12	11.20
Session Average	0.08	0.00	0.67	0.00	0.25	0.00	0.00	0.00	1.00	0.93

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.3: Right from B3031 Basingstoke Road (North) to Morrison Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	1	0	0	0	0	0	1	1.00
1015 - 1030	0	0	0	0	0	0	0	0	0	0.00
1030 - 1045	0	0	3	0	0	0	0	0	3	3.00
1045 - 1100	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	5	0	0	0	0	0	5	5.00
Hourly Average	0.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	1.25	1.25
1100 - 1115	0	0	1	0	0	0	0	0	1	1.00
1115 - 1130	0	0	2	0	0	0	0	0	2	2.00
1130 - 1145	0	0	2	0	0	0	0	0	2	2.00
1145 - 1200	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	0	0	5	0	0	0	0	0	5	5.00
Hourly Average	0.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	1.25	1.25
1200 - 1215	0	0	2	0	0	0	0	0	2	2.00
1215 - 1230	0	0	1	0	0	0	0	0	1	1.00
1230 - 1245	0	0	4	0	0	0	0	0	4	4.00
1245 - 1300	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	8	0	0	0	0	0	8	8.00
Hourly Average	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00
1300 - 1315	0	0	2	0	1	0	0	0	3	3.00
1315 - 1330	0	0	0	0	0	0	0	0	0	0.00
1330 - 1345	0	0	2	0	0	0	0	0	2	2.00
1345 - 1400	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	5	0	1	0	0	0	6	6.00
Hourly Average	0.00	0.00	1.25	0.00	0.25	0.00	0.00	0.00	1.50	1.50
1400 - 1415	0	0	1	0	0	0	0	0	1	1.00
1415 - 1430	0	0	2	0	0	0	0	0	2	2.00
1430 - 1445	0	0	1	0	0	0	0	0	1	1.00
1445 - 1500	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	5	0	0	0	0	0	5	5.00
Hourly Average	0.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	1.25	1.25
Session Total	0	0	28	0	1	0	0	0	29	29.00
Session Average	0.00	0.00	1.40	0.00	0.05	0.00	0.00	0.00	1.45	1.45

Reading
Classified Junction Count

Site 2 of 2

B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.4: Left from Buckland Road to B3031 Basingstoke Road (South)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	14	0	3	0	0	0	17	17.00
1615 - 1630	0	0	19	0	1	0	0	0	20	20.00
1630 - 1645	1	0	23	0	0	0	0	0	24	23.20
1645 - 1700	0	0	25	0	1	1	0	0	27	27.50
Hourly Total	1	0	81	0	5	1	0	0	88	87.70
Hourly Average	0.25	0.00	20.25	0.00	1.25	0.25	0.00	0.00	22.00	21.93
1700 - 1715	0	0	23	2	3	0	0	0	28	28.00
1715 - 1730	0	0	27	1	3	0	0	0	31	31.00
1730 - 1745	0	0	34	0	4	0	0	0	38	38.00
1745 - 1800	0	3	23	0	2	0	0	0	28	26.20
Hourly Total	0	3	107	3	12	0	0	0	125	123.20
Hourly Average	0.00	0.75	26.75	0.75	3.00	0.00	0.00	0.00	31.25	30.80
1800 - 1815	0	0	29	0	1	0	0	0	30	30.00
1815 - 1830	0	0	22	0	2	0	0	0	24	24.00
1830 - 1845	0	0	19	0	0	0	0	0	19	19.00
1845 - 1900	0	1	24	1	2	0	0	0	28	27.40
Hourly Total	0	1	94	1	5	0	0	0	101	100.40
Hourly Average	0.00	0.25	23.50	0.25	1.25	0.00	0.00	0.00	25.25	25.10
Session Total	1	4	282	4	22	1	0	0	314	311.30
Session Average	0.08	0.33	23.50	0.33	1.83	0.08	0.00	0.00	26.17	25.94

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.4: Left from Buckland Road to B3031 Basingstoke Road (South)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	14	0	2	0	0	0	16	16.00
1015 - 1030	0	0	18	0	2	0	0	0	20	20.00
1030 - 1045	0	0	17	0	1	0	0	0	18	18.00
1045 - 1100	0	0	18	0	1	0	0	0	19	19.00
Hourly Total	0	0	67	0	6	0	0	0	73	73.00
Hourly Average	0.00	0.00	16.75	0.00	1.50	0.00	0.00	0.00	18.25	18.25
1100 - 1115	0	0	16	0	2	0	0	0	18	18.00
1115 - 1130	0	0	26	0	2	0	0	0	28	28.00
1130 - 1145	0	0	25	0	0	0	0	0	25	25.00
1145 - 1200	0	0	23	0	0	0	0	0	23	23.00
Hourly Total	0	0	90	0	4	0	0	0	94	94.00
Hourly Average	0.00	0.00	22.50	0.00	1.00	0.00	0.00	0.00	23.50	23.50
1200 - 1215	0	1	28	0	1	0	0	0	30	29.40
1215 - 1230	0	1	18	0	1	0	0	0	20	19.40
1230 - 1245	0	0	25	0	3	0	0	0	28	28.00
1245 - 1300	0	0	19	0	2	0	0	0	21	21.00
Hourly Total	0	2	90	0	7	0	0	0	99	97.80
Hourly Average	0.00	0.50	22.50	0.00	1.75	0.00	0.00	0.00	24.75	24.45
1300 - 1315	0	0	16	1	0	0	0	0	17	17.00
1315 - 1330	0	0	18	0	2	0	0	0	20	20.00
1330 - 1345	0	0	24	0	1	0	0	0	25	25.00
1345 - 1400	0	1	30	0	0	0	0	0	31	30.40
Hourly Total	0	1	88	1	3	0	0	0	93	92.40
Hourly Average	0.00	0.25	22.00	0.25	0.75	0.00	0.00	0.00	23.25	23.10
1400 - 1415	0	0	19	0	2	0	0	0	21	21.00
1415 - 1430	0	2	33	0	3	0	0	0	38	36.80
1430 - 1445	0	0	21	1	1	0	0	0	23	23.00
1445 - 1500	0	0	16	1	1	0	0	0	18	18.00
Hourly Total	0	2	89	2	7	0	0	0	100	98.80
Hourly Average	0.00	0.50	22.25	0.50	1.75	0.00	0.00	0.00	25.00	24.70
Session Total	0	5	424	3	27	0	0	0	459	456.00
Session Average	0.00	0.25	21.20	0.15	1.35	0.00	0.00	0.00	22.95	22.80

Reading
Classified Junction Count

Site 2 of 2

B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.5: Westbound from Buckland Road to Morrison Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	2	22	0	1	0	0	0	25	23.80
1615 - 1630	1	0	7	0	0	0	0	0	8	7.20
1630 - 1645	1	2	7	0	1	0	0	0	11	9.00
1645 - 1700	0	0	11	0	0	0	0	0	11	11.00
Hourly Total	2	4	47	0	2	0	0	0	55	51.00
Hourly Average	0.50	1.00	11.75	0.00	0.50	0.00	0.00	0.00	13.75	12.75
1700 - 1715	0	0	5	0	0	0	0	0	5	5.00
1715 - 1730	0	0	17	0	1	0	0	0	18	18.00
1730 - 1745	0	0	11	1	0	0	0	0	12	12.00
1745 - 1800	0	0	10	0	0	0	0	0	10	10.00
Hourly Total	0	0	43	1	1	0	0	0	45	45.00
Hourly Average	0.00	0.00	10.75	0.25	0.25	0.00	0.00	0.00	11.25	11.25
1800 - 1815	0	0	9	0	2	0	0	0	11	11.00
1815 - 1830	0	0	12	0	0	0	0	0	12	12.00
1830 - 1845	0	0	7	0	1	0	0	0	8	8.00
1845 - 1900	0	0	7	0	1	0	0	0	8	8.00
Hourly Total	0	0	35	0	4	0	0	0	39	39.00
Hourly Average	0.00	0.00	8.75	0.00	1.00	0.00	0.00	0.00	9.75	9.75
Session Total	2	4	125	1	7	0	0	0	139	135.00
Session Average	0.17	0.33	10.42	0.08	0.58	0.00	0.00	0.00	11.58	11.25

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.5: Westbound from Buckland Road to Morrison Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	1	17	0	0	0	0	0	18	17.40
1015 - 1030	1	0	15	0	0	0	0	0	16	15.20
1030 - 1045	1	0	13	0	0	0	0	0	14	13.20
1045 - 1100	0	0	10	0	0	0	0	0	10	10.00
Hourly Total	2	1	55	0	0	0	0	0	58	55.80
Hourly Average	0.50	0.25	13.75	0.00	0.00	0.00	0.00	0.00	14.50	13.95
1100 - 1115	2	0	10	0	0	0	0	0	12	10.40
1115 - 1130	0	0	19	0	2	0	0	0	21	21.00
1130 - 1145	0	0	8	0	1	0	0	0	9	9.00
1145 - 1200	1	0	15	0	0	0	0	0	16	15.20
Hourly Total	3	0	52	0	3	0	0	0	58	55.60
Hourly Average	0.75	0.00	13.00	0.00	0.75	0.00	0.00	0.00	14.50	13.90
1200 - 1215	0	0	11	0	1	0	0	0	12	12.00
1215 - 1230	0	0	19	0	0	0	0	0	19	19.00
1230 - 1245	0	0	8	0	0	0	0	0	8	8.00
1245 - 1300	0	1	13	0	1	0	0	0	15	14.40
Hourly Total	0	1	51	0	2	0	0	0	54	53.40
Hourly Average	0.00	0.25	12.75	0.00	0.50	0.00	0.00	0.00	13.50	13.35
1300 - 1315	0	0	8	0	1	0	0	0	9	9.00
1315 - 1330	0	0	11	0	1	0	0	0	12	12.00
1330 - 1345	0	0	10	0	0	0	0	0	10	10.00
1345 - 1400	0	0	15	0	0	0	0	0	15	15.00
Hourly Total	0	0	44	0	2	0	0	0	46	46.00
Hourly Average	0.00	0.00	11.00	0.00	0.50	0.00	0.00	0.00	11.50	11.50
1400 - 1415	1	0	9	0	0	0	0	0	10	9.20
1415 - 1430	0	0	11	0	1	0	0	0	12	12.00
1430 - 1445	0	0	12	0	0	0	0	0	12	12.00
1445 - 1500	0	0	12	0	0	0	0	0	12	12.00
Hourly Total	1	0	44	0	1	0	0	0	46	45.20
Hourly Average	0.25	0.00	11.00	0.00	0.25	0.00	0.00	0.00	11.50	11.30
Session Total	6	2	246	0	8	0	0	0	262	256.00
Session Average	0.30	0.10	12.30	0.00	0.40	0.00	0.00	0.00	13.10	12.80

Reading
Classified Junction Count

Site 2 of 2
B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.6: Right from Buckland Road to B3031 Basingstoke Road (North)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	1	22	1	5	1	0	0	30	29.90
1615 - 1630	0	0	21	0	1	0	0	0	22	22.00
1630 - 1645	0	0	26	0	5	0	0	0	31	31.00
1645 - 1700	0	0	25	0	2	0	0	1	28	29.00
Hourly Total	0	1	94	1	13	1	0	1	111	111.90
Hourly Average	0.00	0.25	23.50	0.25	3.25	0.25	0.00	0.25	27.75	27.98
1700 - 1715	0	0	21	0	2	0	0	0	23	23.00
1715 - 1730	0	0	25	0	4	0	0	0	29	29.00
1730 - 1745	0	0	23	0	1	0	0	0	24	24.00
1745 - 1800	0	1	35	0	0	0	0	0	36	35.40
Hourly Total	0	1	104	0	7	0	0	0	112	111.40
Hourly Average	0.00	0.25	26.00	0.00	1.75	0.00	0.00	0.00	28.00	27.85
1800 - 1815	0	0	21	0	0	0	0	0	21	21.00
1815 - 1830	0	0	19	0	3	0	0	0	22	22.00
1830 - 1845	0	0	23	0	2	1	0	0	26	26.50
1845 - 1900	0	0	32	0	3	0	0	0	35	35.00
Hourly Total	0	0	95	0	8	1	0	0	104	104.50
Hourly Average	0.00	0.00	23.75	0.00	2.00	0.25	0.00	0.00	26.00	26.13
Session Total	0	2	293	1	28	2	0	1	327	327.80
Session Average	0.00	0.17	24.42	0.08	2.33	0.17	0.00	0.08	27.25	27.32

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.6: Right from Buckland Road to B3031 Basingstoke Road (North)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	23	0	3	0	0	0	26	26.00
1015 - 1030	0	0	39	0	1	0	0	0	40	40.00
1030 - 1045	0	1	29	0	0	0	0	0	30	29.40
1045 - 1100	0	0	28	0	4	0	0	0	32	32.00
Hourly Total	0	1	119	0	8	0	0	0	128	127.40
Hourly Average	0.00	0.25	29.75	0.00	2.00	0.00	0.00	0.00	32.00	31.85
1100 - 1115	0	0	20	0	5	0	0	0	25	25.00
1115 - 1130	0	0	28	0	1	0	0	0	29	29.00
1130 - 1145	0	0	38	0	4	0	0	0	42	42.00
1145 - 1200	0	0	28	0	6	0	0	0	34	34.00
Hourly Total	0	0	114	0	16	0	0	0	130	130.00
Hourly Average	0.00	0.00	28.50	0.00	4.00	0.00	0.00	0.00	32.50	32.50
1200 - 1215	0	0	33	0	3	0	0	0	36	36.00
1215 - 1230	0	0	26	0	4	0	0	0	30	30.00
1230 - 1245	0	0	24	0	1	0	0	0	25	25.00
1245 - 1300	0	0	34	0	0	0	0	0	34	34.00
Hourly Total	0	0	117	0	8	0	0	0	125	125.00
Hourly Average	0.00	0.00	29.25	0.00	2.00	0.00	0.00	0.00	31.25	31.25
1300 - 1315	1	0	29	0	0	1	0	0	31	30.70
1315 - 1330	0	0	23	0	0	0	0	0	23	23.00
1330 - 1345	0	1	29	0	1	0	0	0	31	30.40
1345 - 1400	0	3	30	0	2	0	0	0	35	33.20
Hourly Total	1	4	111	0	3	1	0	0	120	117.30
Hourly Average	0.25	1.00	27.75	0.00	0.75	0.25	0.00	0.00	30.00	29.33
1400 - 1415	0	0	29	0	1	0	0	0	30	30.00
1415 - 1430	0	1	21	0	1	0	0	0	23	22.40
1430 - 1445	0	1	37	0	0	0	0	0	38	37.40
1445 - 1500	0	0	25	0	1	0	0	0	26	26.00
Hourly Total	0	2	112	0	3	0	0	0	117	115.80
Hourly Average	0.00	0.50	28.00	0.00	0.75	0.00	0.00	0.00	29.25	28.95
Session Total	1	7	573	0	38	1	0	0	620	615.50
Session Average	0.05	0.35	28.65	0.00	1.90	0.05	0.00	0.00	31.00	30.78

Reading
Classified Junction Count

Site 2 of 2
B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.7: Left from B3031 Basingstoke Road (South) to Morrison Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	12	0	1	0	0	0	13	13.00
1615 - 1630	0	0	6	0	1	0	0	0	7	7.00
1630 - 1645	1	0	7	0	2	0	0	0	10	9.20
1645 - 1700	0	0	9	0	2	0	0	0	11	11.00
Hourly Total	1	0	34	0	6	0	0	0	41	40.20
Hourly Average	0.25	0.00	8.50	0.00	1.50	0.00	0.00	0.00	10.25	10.05
1700 - 1715	0	0	15	0	1	0	0	0	16	16.00
1715 - 1730	0	0	14	0	0	0	0	0	14	14.00
1730 - 1745	0	0	7	0	1	0	0	0	8	8.00
1745 - 1800	0	0	12	0	0	0	0	0	12	12.00
Hourly Total	0	0	48	0	2	0	0	0	50	50.00
Hourly Average	0.00	0.00	12.00	0.00	0.50	0.00	0.00	0.00	12.50	12.50
1800 - 1815	0	0	14	0	0	0	0	0	14	14.00
1815 - 1830	0	0	11	0	1	0	0	0	12	12.00
1830 - 1845	0	0	9	0	1	0	0	0	10	10.00
1845 - 1900	0	0	13	0	2	0	0	0	15	15.00
Hourly Total	0	0	47	0	4	0	0	0	51	51.00
Hourly Average	0.00	0.00	11.75	0.00	1.00	0.00	0.00	0.00	12.75	12.75
Session Total	1	0	129	0	12	0	0	0	142	141.20
Session Average	0.08	0.00	10.75	0.00	1.00	0.00	0.00	0.00	11.83	11.77

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.7: Left from B3031 Basingstoke Road (South) to Morrison Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	12	0	1	0	0	0	13	13.00
1015 - 1030	0	0	16	0	2	0	0	0	18	18.00
1030 - 1045	0	0	9	0	0	0	0	0	9	9.00
1045 - 1100	0	0	16	0	0	0	0	0	16	16.00
Hourly Total	0	0	53	0	3	0	0	0	56	56.00
Hourly Average	0.00	0.00	13.25	0.00	0.75	0.00	0.00	0.00	14.00	14.00
1100 - 1115	0	0	22	0	0	0	0	0	22	22.00
1115 - 1130	0	0	20	0	0	0	0	0	20	20.00
1130 - 1145	0	0	14	0	0	0	0	0	14	14.00
1145 - 1200	0	0	21	0	0	0	0	0	21	21.00
Hourly Total	0	0	77	0	0	0	0	0	77	77.00
Hourly Average	0.00	0.00	19.25	0.00	0.00	0.00	0.00	0.00	19.25	19.25
1200 - 1215	0	0	13	0	0	0	0	0	13	13.00
1215 - 1230	0	0	11	0	1	0	0	0	12	12.00
1230 - 1245	0	1	12	0	0	0	0	0	13	12.40
1245 - 1300	0	1	18	0	0	0	0	0	19	18.40
Hourly Total	0	2	54	0	1	0	0	0	57	55.80
Hourly Average	0.00	0.50	13.50	0.00	0.25	0.00	0.00	0.00	14.25	13.95
1300 - 1315	0	0	7	0	0	0	0	0	7	7.00
1315 - 1330	0	0	10	0	0	0	0	0	10	10.00
1330 - 1345	0	0	14	0	1	0	0	0	15	15.00
1345 - 1400	0	0	13	0	0	0	0	0	13	13.00
Hourly Total	0	0	44	0	1	0	0	0	45	45.00
Hourly Average	0.00	0.00	11.00	0.00	0.25	0.00	0.00	0.00	11.25	11.25
1400 - 1415	0	0	18	0	0	0	0	0	18	18.00
1415 - 1430	1	0	17	0	0	0	0	0	18	17.20
1430 - 1445	0	0	16	0	0	0	0	0	16	16.00
1445 - 1500	0	0	13	0	0	0	0	0	13	13.00
Hourly Total	1	0	64	0	0	0	0	0	65	64.20
Hourly Average	0.25	0.00	16.00	0.00	0.00	0.00	0.00	0.00	16.25	16.05
Session Total	1	2	292	0	5	0	0	0	300	298.00
Session Average	0.05	0.10	14.60	0.00	0.25	0.00	0.00	0.00	15.00	14.90

Reading
Classified Junction Count

Site 2 of 2
B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.8: Northbound from B3031 Basingstoke Road (South) to B3031 Basingstoke Road (North)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	1	0	26	0	4	0	0	3	34	36.20
1615 - 1630	1	0	23	0	8	1	1	1	35	37.00
1630 - 1645	1	2	23	0	5	1	0	2	34	34.50
1645 - 1700	2	0	23	2	3	0	1	2	33	34.70
Hourly Total	5	2	95	2	20	2	2	8	136	142.40
Hourly Average	1.25	0.50	23.75	0.50	5.00	0.50	0.50	2.00	34.00	35.60
1700 - 1715	2	0	23	2	1	0	0	1	29	28.40
1715 - 1730	3	1	18	1	4	0	0	2	29	28.00
1730 - 1745	1	0	15	0	4	0	0	2	22	23.20
1745 - 1800	0	0	21	2	1	0	0	1	25	26.00
Hourly Total	6	1	77	5	10	0	0	6	105	105.60
Hourly Average	1.50	0.25	19.25	1.25	2.50	0.00	0.00	1.50	26.25	26.40
1800 - 1815	4	0	23	0	2	0	0	2	31	29.80
1815 - 1830	1	1	23	0	2	0	0	1	28	27.60
1830 - 1845	2	0	24	1	2	1	1	3	34	37.20
1845 - 1900	2	1	21	2	2	0	0	1	29	27.80
Hourly Total	9	2	91	3	8	1	1	7	122	122.40
Hourly Average	2.25	0.50	22.75	0.75	2.00	0.25	0.25	1.75	30.50	30.60
Session Total	20	5	263	10	38	3	3	21	363	370.40
Session Average	1.67	0.42	21.92	0.83	3.17	0.25	0.25	1.75	30.25	30.87

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.8: Northbound from B3031 Basingstoke Road (South) to B3031 Basingstoke Road (North)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	24	0	6	0	0	1	31	32.00
1015 - 1030	0	0	24	0	4	0	0	2	30	32.00
1030 - 1045	2	1	29	0	5	1	0	2	40	40.30
1045 - 1100	1	2	27	0	3	0	0	2	35	35.00
Hourly Total	3	3	104	0	18	1	0	7	136	139.30
Hourly Average	0.75	0.75	26.00	0.00	4.50	0.25	0.00	1.75	34.00	34.83
1100 - 1115	0	1	28	0	6	0	0	1	36	36.40
1115 - 1130	0	1	26	0	4	0	0	3	34	36.40
1130 - 1145	1	0	30	0	2	0	0	1	34	34.20
1145 - 1200	0	1	33	0	6	0	0	2	42	43.40
Hourly Total	1	3	117	0	18	0	0	7	146	150.40
Hourly Average	0.25	0.75	29.25	0.00	4.50	0.00	0.00	1.75	36.50	37.60
1200 - 1215	1	0	33	0	3	0	0	1	38	38.20
1215 - 1230	2	1	30	0	1	0	0	2	36	35.80
1230 - 1245	0	1	24	0	4	0	0	2	31	32.40
1245 - 1300	1	2	25	2	2	0	0	2	34	34.00
Hourly Total	4	4	112	2	10	0	0	7	139	140.40
Hourly Average	1.00	1.00	28.00	0.50	2.50	0.00	0.00	1.75	34.75	35.10
1300 - 1315	2	1	37	0	2	0	0	1	43	41.80
1315 - 1330	1	0	47	0	3	1	0	1	53	53.70
1330 - 1345	1	0	34	1	2	0	0	2	40	41.20
1345 - 1400	0	1	39	1	2	0	0	1	44	44.40
Hourly Total	4	2	157	2	9	1	0	5	180	181.10
Hourly Average	1.00	0.50	39.25	0.50	2.25	0.25	0.00	1.25	45.00	45.28
1400 - 1415	1	1	46	3	2	0	1	3	57	59.90
1415 - 1430	4	1	48	3	5	0	0	1	62	59.20
1430 - 1445	0	2	62	2	6	0	0	3	75	76.80
1445 - 1500	0	0	63	0	2	0	0	2	67	69.00
Hourly Total	5	4	219	8	15	0	1	9	261	264.90
Hourly Average	1.25	1.00	54.75	2.00	3.75	0.00	0.25	2.25	65.25	66.23
Session Total	17	16	709	12	70	2	1	35	862	876.10
Session Average	0.85	0.80	35.45	0.60	3.50	0.10	0.05	1.75	43.10	43.81

Reading
Classified Junction Count

Site 2 of 2

B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.9: Right from B3031 Basingstoke Road (South) to Buckland Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	38	0	4	0	0	0	42	42.00
1615 - 1630	0	0	29	1	9	0	0	0	39	39.00
1630 - 1645	0	1	39	0	3	0	0	0	43	42.40
1645 - 1700	0	0	43	1	9	0	0	0	53	53.00
Hourly Total	0	1	149	2	25	0	0	0	177	176.40
Hourly Average	0.00	0.25	37.25	0.50	6.25	0.00	0.00	0.00	44.25	44.10
1700 - 1715	2	2	43	0	5	0	0	0	52	49.20
1715 - 1730	1	1	54	1	6	0	0	0	63	61.60
1730 - 1745	0	0	52	0	4	0	0	0	56	56.00
1745 - 1800	1	0	44	0	4	0	0	0	49	48.20
Hourly Total	4	3	193	1	19	0	0	0	220	215.00
Hourly Average	1.00	0.75	48.25	0.25	4.75	0.00	0.00	0.00	55.00	53.75
1800 - 1815	0	0	54	1	5	0	0	0	60	60.00
1815 - 1830	0	0	33	0	0	0	0	0	33	33.00
1830 - 1845	1	0	43	0	4	0	0	0	48	47.20
1845 - 1900	0	0	36	0	3	0	0	0	39	39.00
Hourly Total	1	0	166	1	12	0	0	0	180	179.20
Hourly Average	0.25	0.00	41.50	0.25	3.00	0.00	0.00	0.00	45.00	44.80
Session Total	5	4	508	4	56	0	0	0	577	570.60
Session Average	0.42	0.33	42.33	0.33	4.67	0.00	0.00	0.00	48.08	47.55

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.9: Right from B3031 Basingstoke Road (South) to Buckland Road									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	2	0	22	0	2	0	0	0	26	24.40
1015 - 1030	0	1	13	0	2	0	0	0	16	15.40
1030 - 1045	0	0	23	0	3	0	0	0	26	26.00
1045 - 1100	0	0	30	0	2	0	0	0	32	32.00
Hourly Total	2	1	88	0	9	0	0	0	100	97.80
Hourly Average	0.50	0.25	22.00	0.00	2.25	0.00	0.00	0.00	25.00	24.45
1100 - 1115	0	0	29	0	10	0	0	0	39	39.00
1115 - 1130	0	0	33	0	3	0	0	0	36	36.00
1130 - 1145	0	0	33	0	5	0	0	0	38	38.00
1145 - 1200	0	0	29	1	3	0	0	0	33	33.00
Hourly Total	0	0	124	1	21	0	0	0	146	146.00
Hourly Average	0.00	0.00	31.00	0.25	5.25	0.00	0.00	0.00	36.50	36.50
1200 - 1215	2	0	37	0	1	0	0	0	40	38.40
1215 - 1230	0	0	42	0	2	0	0	0	44	44.00
1230 - 1245	0	0	29	0	4	0	0	0	33	33.00
1245 - 1300	1	0	38	0	6	0	0	0	45	44.20
Hourly Total	3	0	146	0	13	0	0	0	162	159.60
Hourly Average	0.75	0.00	36.50	0.00	3.25	0.00	0.00	0.00	40.50	39.90
1300 - 1315	0	0	51	0	2	0	0	0	53	53.00
1315 - 1330	0	0	34	0	4	0	0	0	38	38.00
1330 - 1345	0	0	34	0	6	0	0	0	40	40.00
1345 - 1400	0	0	31	0	1	0	0	0	32	32.00
Hourly Total	0	0	150	0	13	0	0	0	163	163.00
Hourly Average	0.00	0.00	37.50	0.00	3.25	0.00	0.00	0.00	40.75	40.75
1400 - 1415	0	0	46	0	3	0	0	0	49	49.00
1415 - 1430	0	0	40	0	0	0	0	0	40	40.00
1430 - 1445	0	0	35	0	2	0	0	0	37	37.00
1445 - 1500	0	0	37	0	5	0	0	0	42	42.00
Hourly Total	0	0	158	0	10	0	0	0	168	168.00
Hourly Average	0.00	0.00	39.50	0.00	2.50	0.00	0.00	0.00	42.00	42.00
Session Total	5	1	666	1	66	0	0	0	739	734.40
Session Average	0.25	0.05	33.30	0.05	3.30	0.00	0.00	0.00	36.95	36.72

Reading
Classified Junction Count

Site 2 of 2
B3031 Basingstoke Road (North)
Buckland Road
B3031 Basingstoke Road (South)
Morrison Road

Lat/Long
lat 51.433662° lon -0.968519°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)

Movement 2.10: Left from Morrison Road to B3031 Basingstoke Road (North)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1600 - 1615	0	0	0	0	0	0	0	0	0	0.00
1615 - 1630	2	0	0	0	1	0	0	0	3	1.40
1630 - 1645	1	0	0	0	0	0	0	0	1	0.20
1645 - 1700	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	3	0	0	0	1	0	0	0	4	1.60
Hourly Average	0.75	0.00	0.00	0.00	0.25	0.00	0.00	0.00	1.00	0.40
1700 - 1715	1	0	0	0	0	0	0	0	1	0.20
1715 - 1730	0	0	0	0	1	0	0	0	1	1.00
1730 - 1745	0	0	0	0	0	0	0	0	0	0.00
1745 - 1800	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	1	0	0	0	1	0	0	0	2	1.20
Hourly Average	0.25	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.50	0.30
1800 - 1815	0	0	0	0	0	0	0	0	0	0.00
1815 - 1830	0	0	0	0	0	0	0	0	0	0.00
1830 - 1845	0	0	0	0	0	0	0	0	0	0.00
1845 - 1900	1	0	2	0	1	0	0	0	4	3.20
Hourly Total	1	0	2	0	1	0	0	0	4	3.20
Hourly Average	0.25	0.00	0.50	0.00	0.25	0.00	0.00	0.00	1.00	0.80
Session Total	5	0	2	0	3	0	0	0	10	6.00
Session Average	0.42	0.00	0.17	0.00	0.25	0.00	0.00	0.00	0.83	0.50

Date
Saturday 11 September 2021

Weather
Cloudy
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

Movement 2.10: Left from Morrison Road to B3031 Basingstoke Road (North)									Original Data	
TIME	P/CYCLE	M/CYCLE	CAR	TAXI	LGV	OGV1	OGV2	BUS/COACH	TOTAL	PCU TOTAL
1000 - 1015	0	0	0	0	0	0	0	0	0	0.00
1015 - 1030	0	0	0	0	1	0	0	0	1	1.00
1030 - 1045	0	0	1	0	0	0	0	0	1	1.00
1045 - 1100	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	0	0	1	0	1	0	0	0	2	2.00
Hourly Average	0.00	0.00	0.25	0.00	0.25	0.00	0.00	0.00	0.50	0.50
1100 - 1115	0	0	0	0	0	0	0	0	0	0.00
1115 - 1130	0	0	0	0	0	0	0	0	0	0.00
1130 - 1145	0	0	1	0	0	0	0	0	1	1.00
1145 - 1200	0	0	1	0	0	0	0	0	1	1.00
Hourly Total	0	0	2	0	0	0	0	0	2	2.00
Hourly Average	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.50
1200 - 1215	0	0	0	0	0	0	0	0	0	0.00
1215 - 1230	1	0	0	0	0	0	0	0	1	0.20
1230 - 1245	0	0	0	0	0	0	0	0	0	0.00
1245 - 1300	1	0	0	0	0	0	0	0	1	0.20
Hourly Total	2	0	0	0	0	0	0	0	2	0.40
Hourly Average	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.10
1300 - 1315	0	0	0	0	0	0	0	0	0	0.00
1315 - 1330	0	0	0	0	0	0	0	0	0	0.00
1330 - 1345	0	0	0	0	0	0	0	0	0	0.00
1345 - 1400	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	0	0	0	0	0	0	0	0	0	0.00
Hourly Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400 - 1415	0	0	0	0	0	0	0	0	0	0.00
1415 - 1430	0	0	2	0	0	0	0	0	2	2.00
1430 - 1445	1	0	0	0	1	0	0	0	2	1.20
1445 - 1500	0	0	0	0	0	0	0	0	0	0.00
Hourly Total	1	0	2	0	1	0	0	0	4	3.20
Hourly Average	0.25	0.00	0.50	0.00	0.25	0.00	0.00	0.00	1.00	0.80
Session Total	3	0	5	0	2	0	0	0	10	7.60
Session Average	0.15	0.00	0.25	0.00	0.10	0.00	0.00	0.00	0.50	0.38

Reading
Queue Length Survey

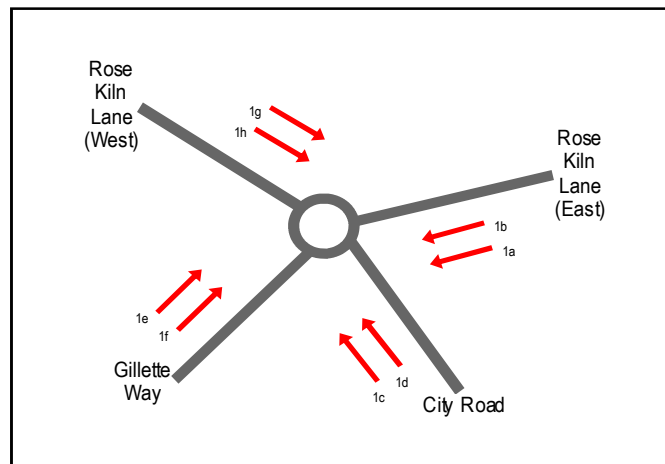
Site 1 of 2
Rose Kiln Lane (East)
City Road
Gillette Way
Rose Kiln Lane (West)

Lat/Long
lat 51.435557° lon -0.971219°

Date
Thursday 09 September 2021

Weather
Sunny Intervals
Temp: 17°C

1600 - 1900 (Weekday PM Peak)



TIME	1a	1b	1c	1d	1e	1f	1g	1h
1600 - 1605	3	3	2	2	3	1	2	1
1605 - 1610	3	2	2	2	3	0	4	1
1610 - 1615	1	2	2	1	3	0	2	2
1615 - 1620	2	3	2	1	4	1	4	3
1620 - 1625	2	2	2	2	6	0	4	4
1625 - 1630	1	2	3	2	1	0	2	2
1630 - 1635	1	3	2	2	3	1	2	1
1635 - 1640	3	3	2	2	4	0	3	2
1640 - 1645	3	4	1	2	3	0	2	1
1645 - 1650	1	1	3	2	2	0	4	1
1650 - 1655	3	2	2	1	4	1	2	2
1655 - 1700	4	4	2	6	2	0	5	4
Hourly Average	2.25	2.58	2.08	2.08	3.17	0.33	3.00	2.00
1700 - 1705	1	3	2	3	2	0	3	0
1705 - 1710	3	4	4	3	8	1	5	2
1710 - 1715	2	2	1	2	3	1	5	2
1715 - 1720	1	3	2	3	1	0	2	3
1720 - 1725	3	4	3	3	2	2	3	2
1725 - 1730	5	3	3	3	2	1	4	3
1730 - 1735	2	4	4	3	5	0	2	6
1735 - 1740	2	4	1	5	3	0	5	3
1740 - 1745	1	3	2	3	1	0	11	5
1745 - 1750	2	3	3	1	1	0	12	5
1750 - 1755	4	4	4	2	3	0	4	2
1755 - 1800	3	1	3	3	2	0	5	4
Hourly Average	2.42	3.17	2.67	2.83	2.75	0.42	5.08	3.08
1800 - 1805	2	3	2	3	2	0	4	1
1805 - 1810	3	1	2	2	4	0	3	2
1810 - 1815	3	1	1	2	1	0	2	2
1815 - 1820	2	2	1	1	4	0	6	2
1820 - 1825	2	3	2	3	3	1	2	4
1825 - 1830	1	2	2	4	2	0	4	4
1830 - 1835	1	2	1	3	4	0	6	3
1835 - 1840	2	3	2	2	1	0	3	3
1840 - 1845	2	2	5	2	3	0	4	3
1845 - 1850	1	2	0	2	1	0	2	2
1850 - 1855	1	1	3	3	3	0	3	2
1855 - 1900	0	1	1	1	1	0	0	1
Hourly Average	1.67	1.92	1.83	2.33	2.42	0.08	3.25	2.42
Session Total	2.11	2.56	2.19	2.42	2.78	0.28	3.78	2.50

Date

Saturday 11 September 2021

Weather

Cloudy

Temp: 16°C

1000 - 1500 (Saturday INT Peak)

TIME	1a	1b	1c	1d	1e	1f	1g	1h
1000 - 1005	2	1	1	1	1	2	2	2
1005 - 1010	2	2	1	1	2	2	2	4
1010 - 1015	3	1	3	2	4	0	1	3
1015 - 1020	1	2	3	3	2	1	1	1
1020 - 1025	2	3	3	3	3	0	1	2
1025 - 1030	1	2	1	2	3	0	2	2
1030 - 1035	1	4	2	1	1	0	2	3
1035 - 1040	2	2	1	1	3	0	3	1
1040 - 1045	3	4	4	1	1	0	2	3
1045 - 1050	2	3	2	2	2	0	1	2
1050 - 1055	3	4	2	4	1	0	3	4
1055 - 1100	3	2	2	2	1	1	3	5
Hourly Average	2.08	2.50	2.08	1.92	2.00	0.50	1.92	2.67
1100 - 1105	4	2	3	2	1	0	1	6
1105 - 1110	3	4	3	2	6	0	6	4
1110 - 1115	4	3	6	2	3	0	13	3
1115 - 1120	4	3	3	3	4	0	12	3
1120 - 1125	2	4	3	2	2	0	13	4
1125 - 1130	2	4	2	3	5	0	4	5
1130 - 1135	2	2	2	2	1	0	1	1
1135 - 1140	5	5	2	3	4	0	6	3
1140 - 1145	2	5	7	3	4	0	5	4
1145 - 1150	2	6	3	3	3	1	1	5
1150 - 1155	2	3	4	3	3	1	7	4
1155 - 1200	2	4	2	2	4	0	10	4
Hourly Average	2.83	3.75	3.33	2.50	3.33	0.17	6.58	3.83
1200 - 1205	2	4	2	1	5	0	12	3
1205 - 1210	2	1	4	5	10	1	13	7
1210 - 1215	3	4	6	2	5	2	11	3
1215 - 1220	3	7	8	3	4	0	10	4
1220 - 1225	2	7	10	7	3	1	6	3
1225 - 1230	2	3	9	4	6	1	12	2
1230 - 1235	3	2	1	3	3	1	5	8
1235 - 1240	3	2	2	2	1	0	12	2
1240 - 1245	3	3	4	2	4	0	13	2
1245 - 1250	2	5	2	2	2	0	5	2
1250 - 1255	3	3	6	3	2	0	14	4
1255 - 1300	1	5	3	3	3	0	12	3
Hourly Average	2.42	3.83	4.75	3.08	4.00	0.50	10.42	3.58
1300 - 1305	2	4	2	2	1	0	12	2
1305 - 1310	4	5	2	1	5	1	11	8
1310 - 1315	2	2	2	3	7	1	4	4
1315 - 1320	1	6	2	3	3	0	10	1
1320 - 1325	2	4	4	2	5	1	2	2
1325 - 1330	1	3	2	1	2	1	3	1
1330 - 1335	1	5	2	4	4	0	6	2
1335 - 1340	3	3	3	3	2	0	1	2
1340 - 1345	2	6	2	2	1	0	1	3
1345 - 1350	1	4	2	1	2	0	3	1
1350 - 1355	1	2	2	3	2	0	3	1
1355 - 1400	2	5	2	2	5	0	3	1
Hourly Average	1.83	4.08	2.25	2.25	3.25	0.33	4.92	2.33
1400 - 1405	4	2	5	3	2	0	4	2
1405 - 1410	2	3	2	2	8	0	5	3
1410 - 1415	2	3	2	2	3	1	4	2
1415 - 1420	4	6	3	2	4	1	8	3
1420 - 1425	2	7	3	4	3	0	7	4
1425 - 1430	2	6	1	4	8	1	6	12
1430 - 1435	2	5	2	2	2	0	8	4
1435 - 1440	2	3	4	2	7	1	14	2
1440 - 1445	3	7	3	5	9	0	8	2
1445 - 1450	5	5	2	2	7	0	14	5
1450 - 1455	5	4	3	3	3	0	7	2
1455 - 1500	2	4	3	2	3	0	7	2
Hourly Average	2.92	4.58	2.75	2.75	4.92	0.33	7.67	3.58
Session Total	2.42	3.75	3.03	2.50	3.50	0.37	6.30	3.20

Reading

Queue Length Survey

Site 2 of 2

B3031 Basingstoke Road (North)
 Buckland Road
 B3031 Basingstoke Road (South)
 Morrison Road

Lat/Long

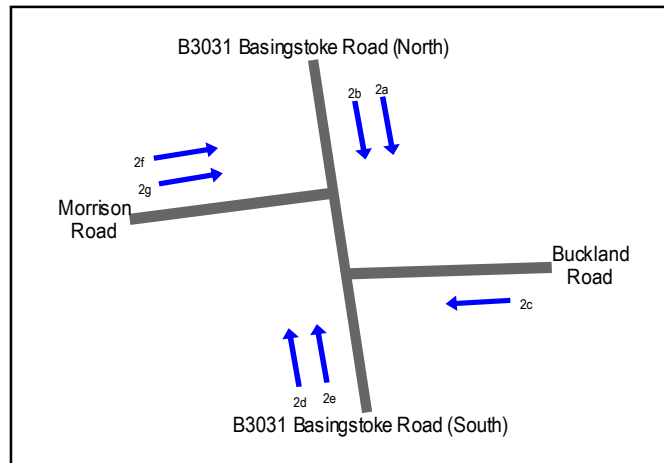
lat 51.433662° lon -0.968519°

Date

Thursday 09 September 2021

Weather

Sunny Intervals
 Temp: 17°C



1600 - 1900 (Weekday PM Peak)

TIME	2a	2b	2c	2d	2e	2f	2g
1600 - 1605	13	4	10	10	6	0	0
1605 - 1610	15	4	8	5	4	0	0
1610 - 1615	11	4	11	10	4	0	0
1615 - 1620	11	3	5	6	5	1	0
1620 - 1625	16	4	8	6	4	0	1
1625 - 1630	16	2	9	5	5	0	0
1630 - 1635	13	4	9	9	6	0	1
1635 - 1640	6	4	11	7	6	0	0
1640 - 1645	8	4	10	6	8	0	0
1645 - 1650	13	4	7	3	9	0	1
1650 - 1655	12	4	12	10	8	0	0
1655 - 1700	14	2	13	13	5	0	1
Hourly Average	12.33	3.58	9.42	7.50	5.83	0.08	0.33
1700 - 1705	12	3	7	10	7	0	2
1705 - 1710	15	4	12	6	7	1	1
1710 - 1715	15	4	15	7	10	1	0
1715 - 1720	14	2	18	9	10	0	0
1720 - 1725	11	2	19	12	8	0	0
1725 - 1730	15	2	15	5	8	0	0
1730 - 1735	15	3	14	8	6	0	0
1735 - 1740	16	2	16	5	7	0	1
1740 - 1745	16	4	17	6	9	0	0
1745 - 1750	15	3	16	9	8	0	0
1750 - 1755	15	2	14	6	9	0	2
1755 - 1800	16	4	12	6	9	0	0
Hourly Average	14.58	2.92	14.58	7.42	8.17	0.17	0.50
1800 - 1805	15	4	10	7	8	0	0
1805 - 1810	10	3	12	7	9	0	1
1810 - 1815	14	3	8	4	9	0	0
1815 - 1820	15	3	8	6	6	0	1
1820 - 1825	16	3	7	4	4	0	0
1825 - 1830	8	3	5	6	3	0	0
1830 - 1835	8	4	7	5	6	0	0
1835 - 1840	13	3	8	5	6	0	0
1840 - 1845	13	4	6	8	5	0	0
1845 - 1850	14	4	11	7	8	1	0
1850 - 1855	11	4	14	7	6	1	0
1855 - 1900	7	2	13	8	5	1	0
Hourly Average	12.00	3.33	9.08	6.17	6.25	0.25	0.17
Session Total	12.97	3.28	11.03	7.03	6.75	0.17	0.33

Date

Saturday 11 September 2021

Weather

Cloudy

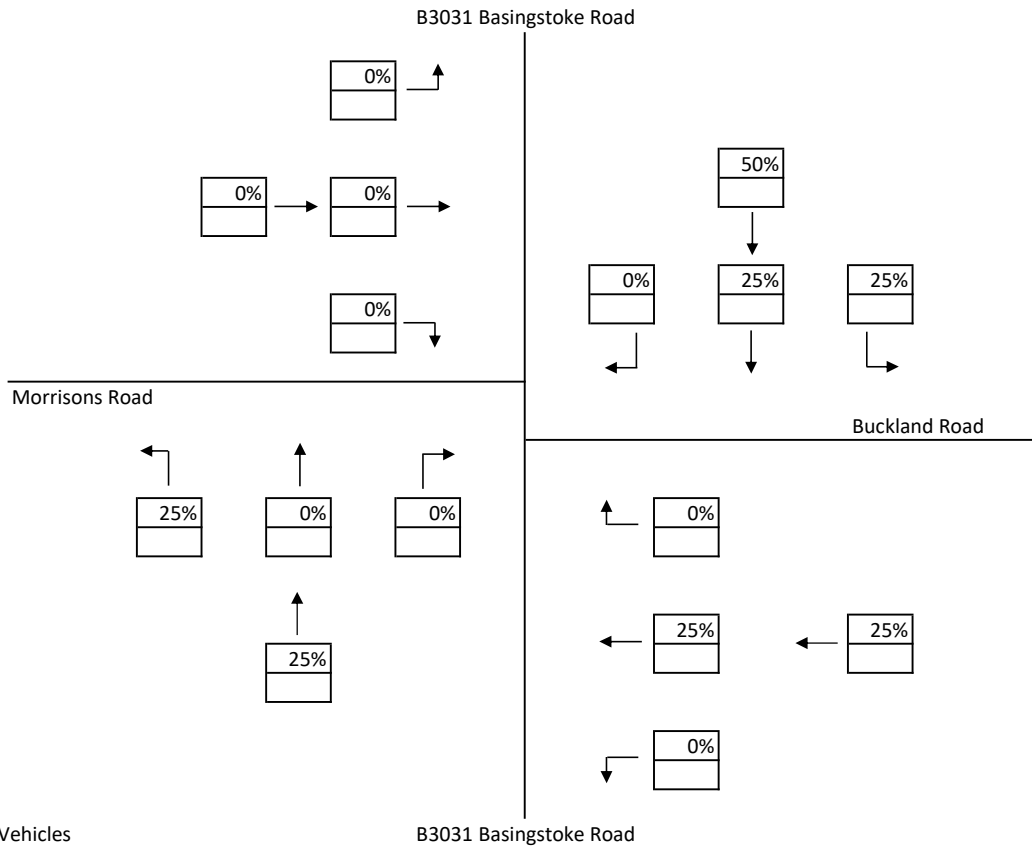
Temp: 16°C

1000 - 1500 (Saturday INT Peak)

TIME	2a	2b	2c	2d	2e	2f	2g
1000 - 1005	10	3	8	5	5	0	0
1005 - 1010	6	4	7	10	2	0	0
1010 - 1015	7	5	8	5	4	0	0
1015 - 1020	10	4	9	12	2	0	0
1020 - 1025	15	4	10	7	3	0	1
1025 - 1030	9	3	8	5	5	1	0
1030 - 1035	6	4	10	5	4	0	0
1035 - 1040	12	2	7	7	2	0	0
1040 - 1045	7	3	15	6	3	1	0
1045 - 1050	8	2	7	5	4	0	1
1050 - 1055	7	5	5	9	7	0	0
1055 - 1100	9	2	8	6	3	0	0
Hourly Average	8.83	3.42	8.50	6.83	3.67	0.17	0.17
1100 - 1105	11	3	12	8	5	0	0
1105 - 1110	12	2	12	10	6	0	0
1110 - 1115	15	3	10	11	9	0	0
1115 - 1120	15	3	9	6	3	0	0
1120 - 1125	12	2	10	7	6	0	1
1125 - 1130	13	3	8	7	4	0	0
1130 - 1135	15	4	8	5	5	0	0
1135 - 1140	15	2	6	10	4	1	1
1140 - 1145	13	2	15	12	8	0	1
1145 - 1150	15	4	12	9	8	0	0
1150 - 1155	10	7	7	10	9	0	0
1155 - 1200	9	4	11	8	6	1	0
Hourly Average	12.92	3.25	10.00	8.58	6.08	0.17	0.25
1200 - 1205	13	4	12	12	6	0	1
1205 - 1210	14	3	14	8	6	0	0
1210 - 1215	13	4	11	8	7	0	0
1215 - 1220	7	4	11	7	3	0	0
1220 - 1225	15	3	12	7	9	0	0
1225 - 1230	9	4	10	4	5	0	0
1230 - 1235	14	2	7	11	6	0	0
1235 - 1240	10	5	6	4	3	0	0
1240 - 1245	12	4	12	7	5	0	0
1245 - 1250	15	5	13	8	7	0	0
1250 - 1255	9	4	11	9	8	0	0
1255 - 1300	13	4	12	7	9	0	0
Hourly Average	12.00	3.83	10.92	7.67	6.17	0.00	0.08
1300 - 1305	12	5	4	5	9	0	0
1305 - 1310	8	7	6	5	6	0	1
1310 - 1315	13	2	9	9	4	0	0
1315 - 1320	15	4	19	16	6	0	0
1320 - 1325	14	2	10	17	9	0	1
1325 - 1330	14	3	13	12	6	0	0
1330 - 1335	12	3	12	11	2	0	0
1335 - 1340	13	5	10	9	7	0	0
1340 - 1345	14	6	11	8	5	0	1
1345 - 1350	14	4	8	9	7	0	1
1350 - 1355	15	2	11	9	4	0	0
1355 - 1400	15	3	12	10	2	0	0
Hourly Average	13.25	3.83	10.42	10.00	5.58	0.00	0.33
1400 - 1405	9	3	7	9	5	0	0
1405 - 1410	14	2	12	12	5	0	0
1410 - 1415	15	2	18	10	4	0	0
1415 - 1420	15	3	18	13	6	0	0
1420 - 1425	15	7	15	13	5	0	0
1425 - 1430	15	9	12	11	9	2	1
1430 - 1435	14	4	14	13	6	0	1
1435 - 1440	15	4	18	15	7	1	0
1440 - 1445	14	5	17	11	4	0	0
1445 - 1450	16	4	18	13	7	0	0
1450 - 1455	14	4	11	13	8	0	0
1455 - 1500	15	5	13	14	8	0	0
Hourly Average	14.25	4.33	14.42	12.25	6.17	0.25	0.17
Session Total	12.25	3.73	10.85	9.07	5.53	0.12	0.20

APPENDIX BGH 3

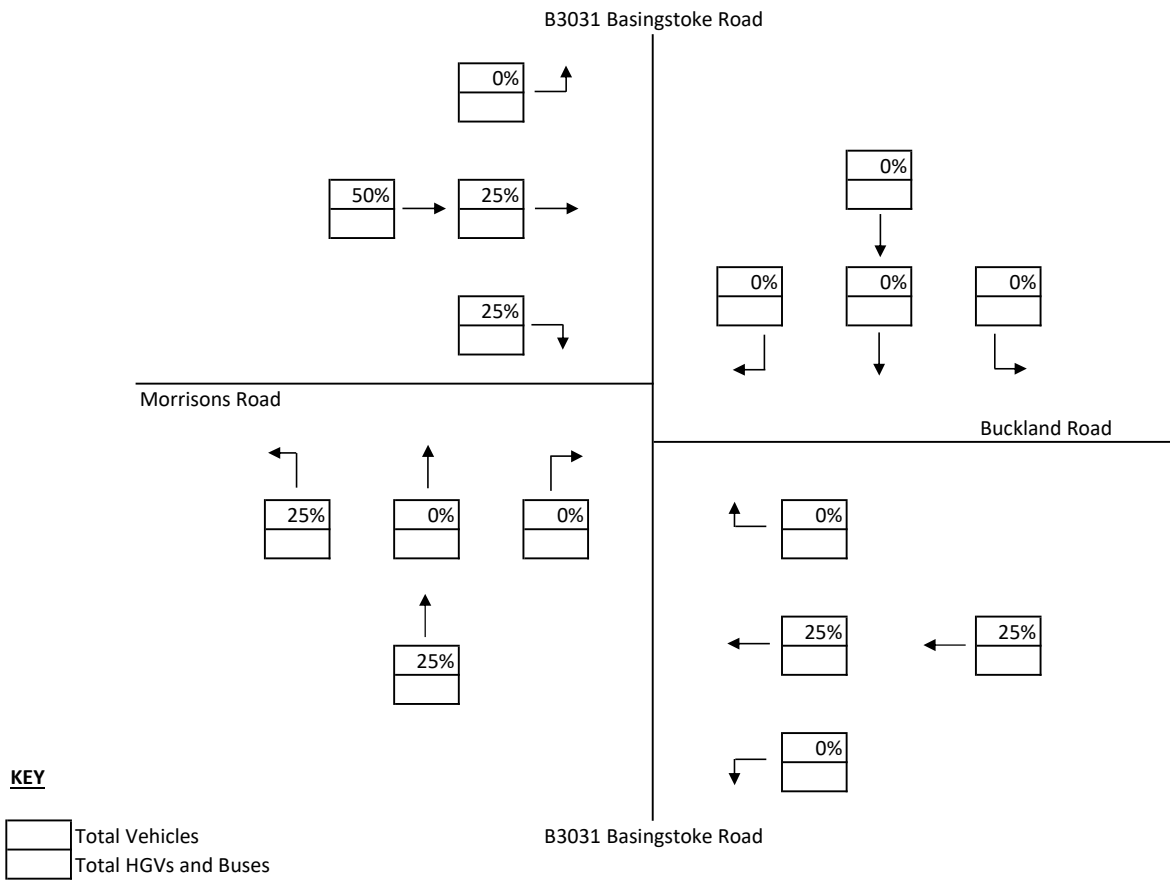
TRIP DISTRIBUTION - EXISTING MORRISONS, READING



BRYAN G HALL
CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS

Client: Wm Morrison Supermarkets PLC
Project: Morrisons, Reading
Job Number: 19-201
Prepared by: Daniel McLean
Checked by: Nick Calder

TRIP DISTRIBUTION - PROPOSED
MORRISONS, READING

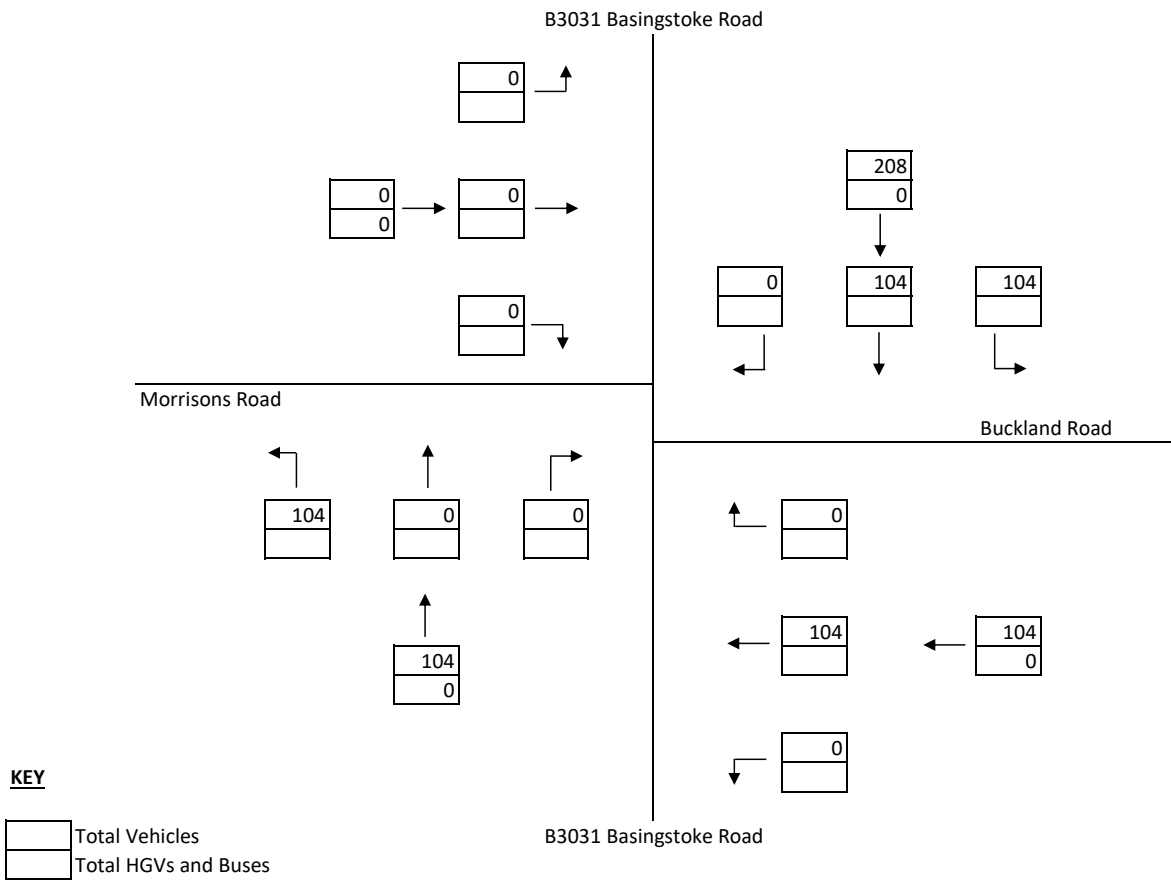


BRYAN G HALL
CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS

Client:	Wm Morrison Supermarkets PLC
Project:	Morrisons, Reading
Job Number:	19-201
Prepared by:	Daniel McLean
Checked by:	Nick Calder

APPENDIX BGH 4

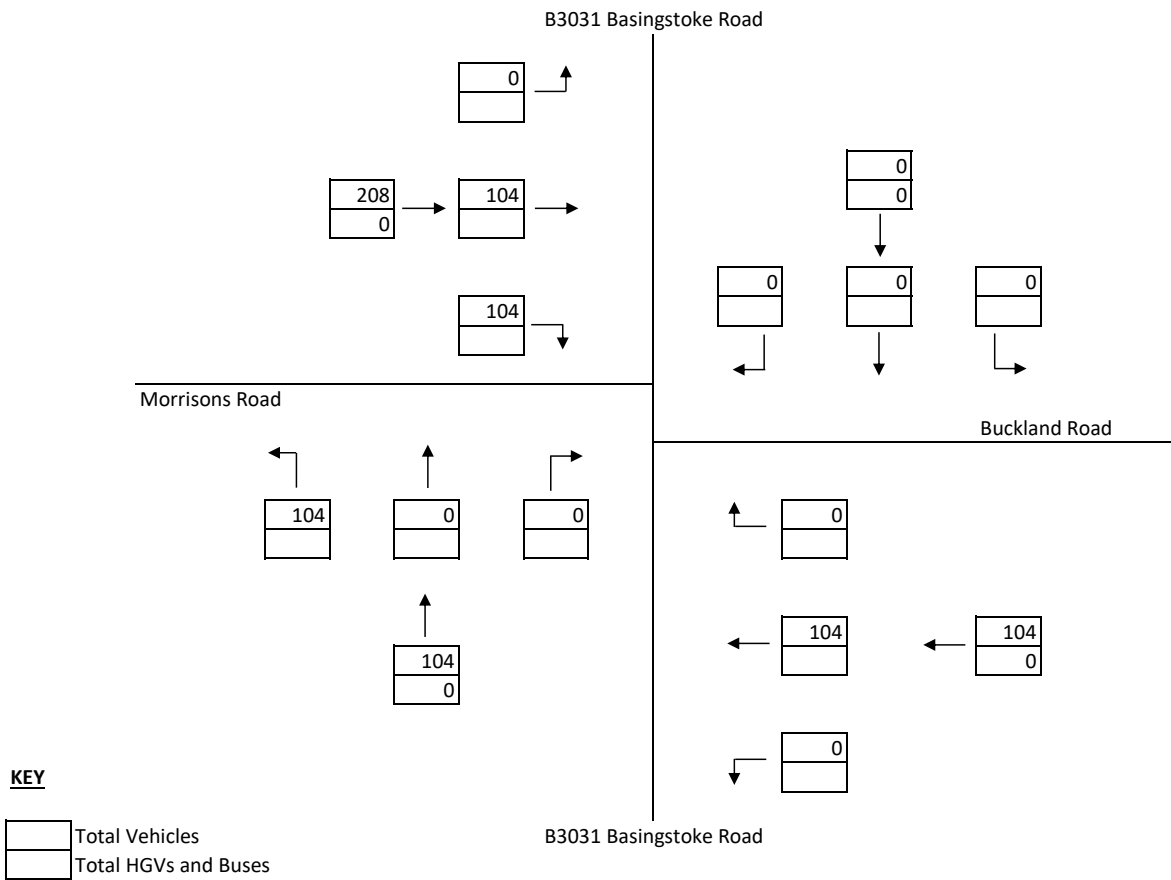
MORRISONS STORE TRIPS - EXISTING
MORRISONS, READING
4:45pm - 5:45pm
EVENING PEAK



BRYAN G HALL
CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS

Client: Wm Morrison Supermarkets PLC
Project: Morrisons, Reading
Job Number: 19-201
Prepared by: Daniel McLean
Checked by: Nick Calder

MORRISONS STORE TRIPS - PROPOSED
MORRISONS, READING
4:45pm - 5:45pm
EVENING PEAK

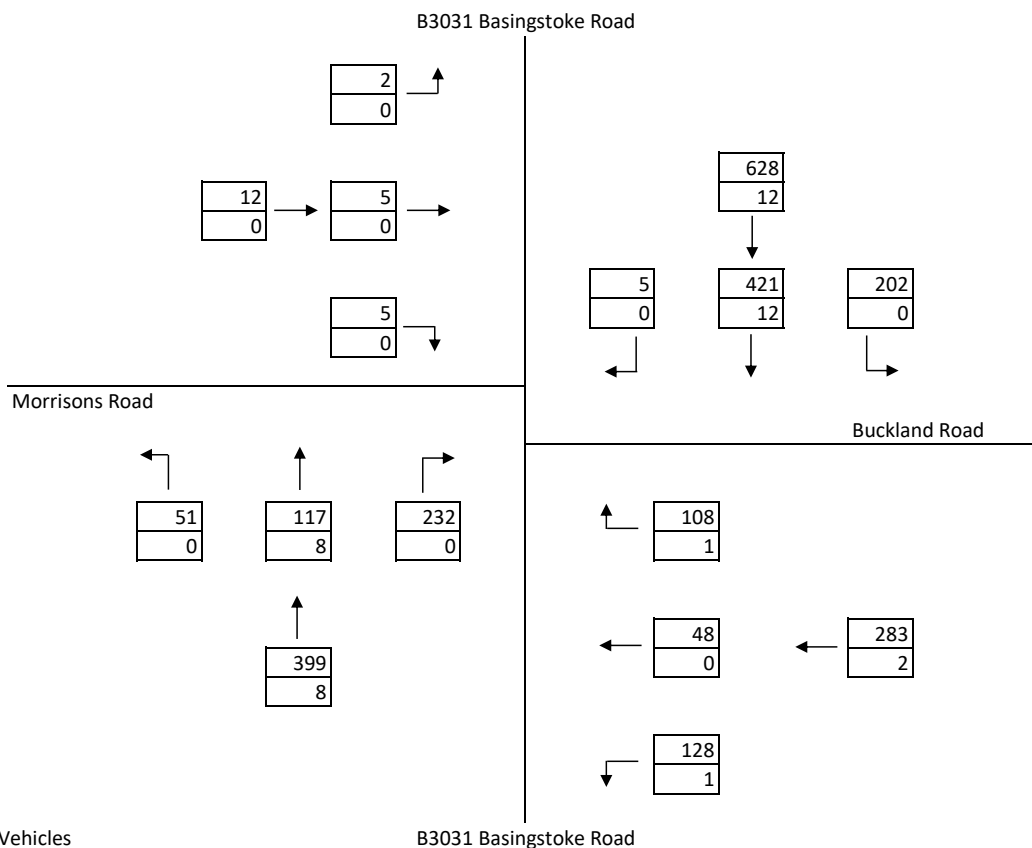


BRYAN G HALL
CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS

Client: Wm Morrison Supermarkets PLC
Project: Morrisons, Reading
Job Number: 19-201
Prepared by: Daniel McLean
Checked by: Nick Calder

APPENDIX BGH 5

2025 BASE
MORRISONS, READING
4:45pm - 5:45pm
EVENING PEAK

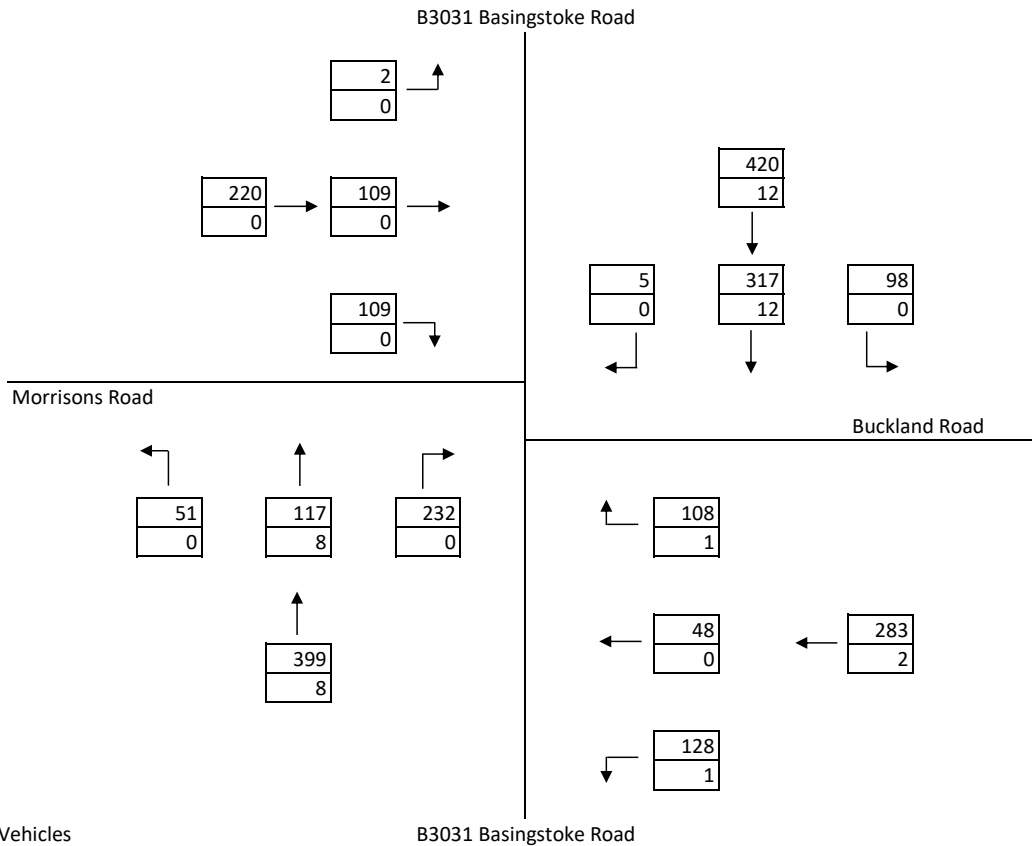


BRYAN G HALL
 CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS

Client: Wm Morrison Supermarkets PLC
Project: Morrisons, Reading
Job Number: 19-201
Prepared by: Daniel McLean
Checked by: Nick Calder

APPENDIX BGH 6

**2025 PREDICTED
MORRISONS, READING
4:45pm - 5:45pm
EVENING PEAK**



KEY

	Total Vehicles
	Total HGVs and Buses

BRYAN G HALL
CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS

Client: Wm Morrison Supermarkets PLC
Project: Morrisons, Reading
Job Number: 19-201
Prepared by: Daniel McLean
Checked by: Nick Calder

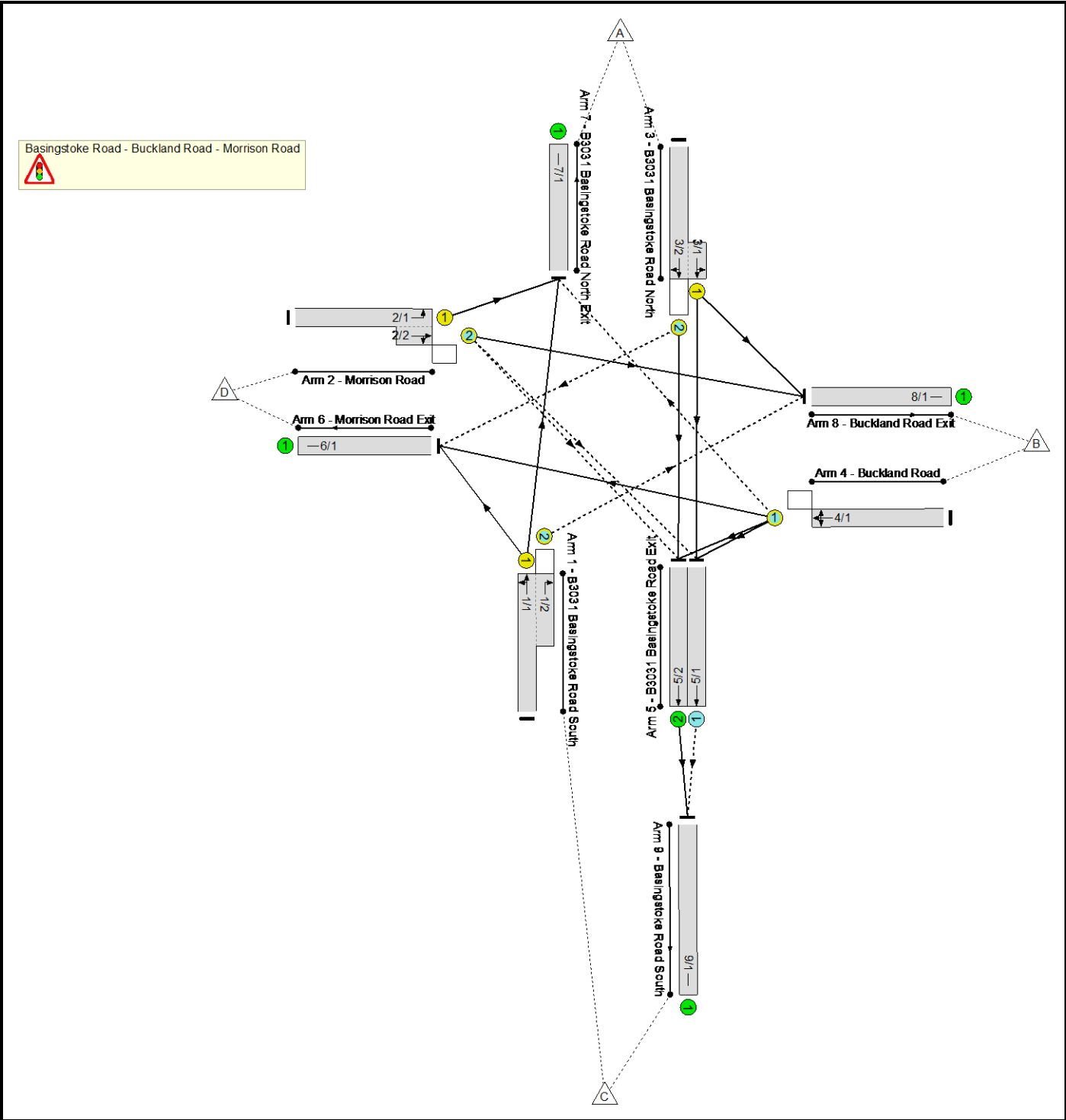
APPENDIX BGH 7

Full Input Data And Results

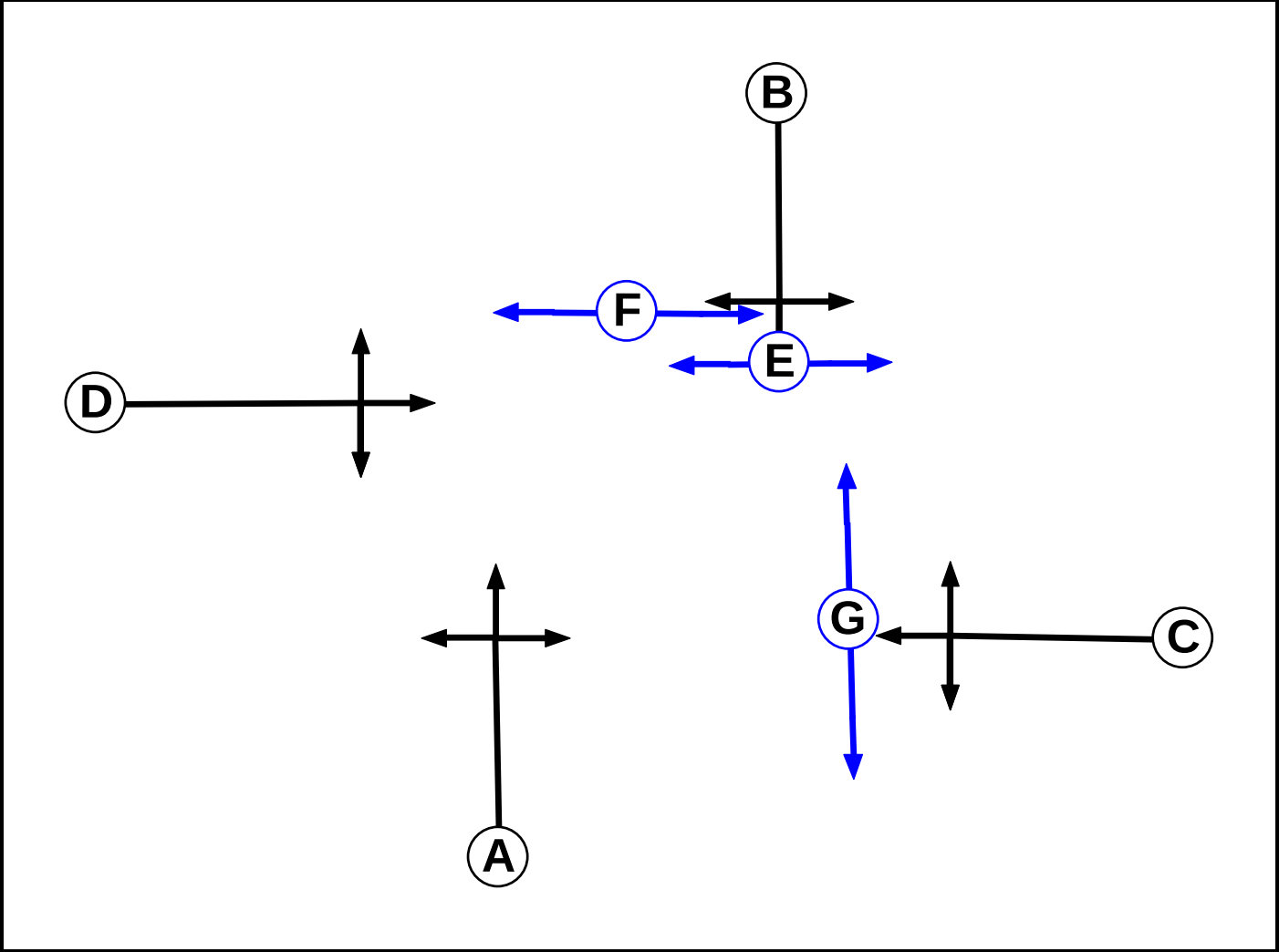
User and Project Details

Project:	Morrisons, Reading
Title:	Basingstoke Road - Buckland Road - Morrison Road
Location:	Reading
Additional detail:	
File name:	Basingstoke Road - Buckland Road - Morrison Road - 2021 Surveys - December 2021.lsg3x
Author:	D McLean
Company:	Bryan G Hall
Address:	

Network Layout Diagram



Phase Diagram



Phase Input Data

Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Traffic		7	7
E	Pedestrian		7	7
F	Pedestrian		7	7
G	Pedestrian		7	7

Full Input Data And Results

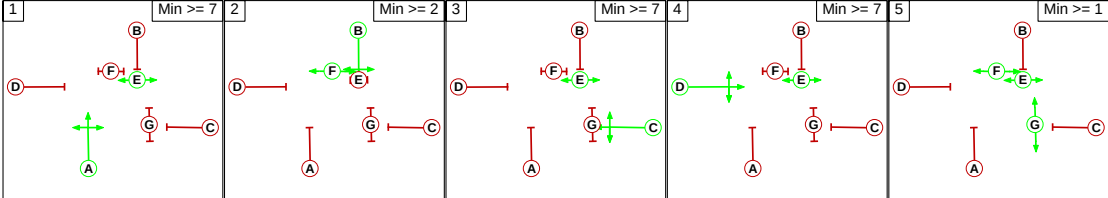
Phase Intergreens Matrix

Terminating Phase	Starting Phase							
		A	B	C	D	E	F	G
	A		8	6	6	-	9	9
	B	8		6	6	5	-	8
	C	6	6		6	-	11	5
	D	6	6	6		-	7	9
	E	-	5	-	-		-	-
	F	9	-	11	7	-		-
	G	9	8	5	9	-	-	

Phases in Stage

Stage No.	Phases in Stage
1	A E
2	B F
3	C E
4	D E
5	E F G

Stage Diagram



Phase Delays

Term. Stage	Start Stage	Phase	Type	Value	Cont value
There are no Phase Delays defined					

Prohibited Stage Change

		To Stage				
From Stage		1	2	3	4	5
	1		9	6	6	9
	2	9		11	7	8
	3	6	11		6	11
	4	6	7	6		9
	5	9	8	11	9	

Full Input Data And Results

Give-Way Lane Input Data

Junction: Basingstoke Road - Buckland Road - Morrison Road											
Lane	Movement	Max Flow when Giving Way (PCU/Hr)	Min Flow when Giving Way (PCU/Hr)	Opposing Lane	Opp. Lane Coeff.	Opp. Mvmnts.	Right Turn Storage (PCU)	Non-Blocking Storage (PCU)	RTF	Right Turn Move up (s)	Max Turns in Intergreen (PCU)
1/2 (B3031 Basingstoke Road South)	8/1 (Right)	1439	0	3/1	1.09	All	2.00	-	0.50	2	2.00
				3/2	1.09	To 5/2 (Ahead)					
2/2 (Morrison Road)	5/1 (Right)	1439	0	4/1	1.09	All	2.00	2.00	0.50	2	2.00
	5/2 (Right)	1439	0	4/1	1.09	All					
3/2 (B3031 Basingstoke Road North)	6/1 (Right)	1439	0	1/1	1.09	All	3.00	-	0.50	3	3.00
4/1 (Buckland Road)	7/1 (Right)	1439	0	2/1	1.09	All	2.00	2.00	0.50	2	2.00
				2/2	1.09	All					
5/1 (B3031 Basingstoke Road Exit)	9/1 (Ahead)	1439	0	5/2	1.09	All	-	-	-	-	-

Lane Input Data

Junction: Basingstoke Road - Buckland Road - Morrison Road												
Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (B3031 Basingstoke Road South)	U	A	2	3	60.0	Geom	-	3.00	0.00	Y	Arm 6 Left	12.80
											Arm 7 Ahead	Inf
1/2 (B3031 Basingstoke Road South)	O	A	2	3	6.0	Geom	-	3.00	0.00	N	Arm 8 Right	13.80
2/1 (Morrison Road)	U	D	2	3	60.0	Geom	-	3.10	0.00	Y	Arm 7 Left	9.80
2/2 (Morrison Road)	O	D	2	3	3.0	Geom	-	3.10	0.00	N	Arm 5 Right	16.20
											Arm 8 Ahead	37.70
3/1 (B3031 Basingstoke Road North)	U	B	2	3	3.0	Geom	-	3.25	0.00	Y	Arm 5 Ahead	Inf
											Arm 8 Left	14.90
3/2 (B3031 Basingstoke Road North)	O	B	2	3	60.0	Geom	-	3.25	0.00	N	Arm 5 Ahead	Inf
											Arm 6 Right	11.60
											Arm 5 Left	9.60
4/1 (Buckland Road)	O	C	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 6 Ahead	98.30
											Arm 7 Right	22.00
5/1 (B3031 Basingstoke Road Exit)	O		2	3	10.0	Geom	-	2.70	0.00	Y	Arm 9 Ahead	Inf
5/2 (B3031 Basingstoke Road Exit)	U		2	3	10.0	Inf	-	-	-	-	-	-
6/1 (Morrison Road Exit)	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (B3031 Basingstoke Road North Exit)	U		2	3	60.0	Inf	-	-	-	-	-	-
8/1 (Buckland Road Exit)	U		2	3	60.0	Inf	-	-	-	-	-	-
9/1 (Basingstoke Road South)	U		2	3	60.0	Inf	-	-	-	-	-	-

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2021 Existing PM'	17:00	18:00	01:00	
2: '2025 Base PM'	17:00	18:00	01:00	
3: '2025 Predicted PM'	17:00	18:00	01:00	

Scenario 1: '2021 Existing PM' (FG1: '2021 Existing PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	195	419	5	619
	B	105	0	125	46	276
	C	121	224	0	49	394
	D	2	5	5	0	12
	Tot.	228	424	549	100	1301

Traffic Lane Flows

Lane	Scenario 1: 2021 Existing PM
Junction: Basingstoke Road - Buckland Road - Morrison Road	
1/1 (with short)	394(In) 170(Out)
1/2 (short)	224
2/1 (with short)	12(In) 2(Out)
2/2 (short)	10
3/1 (short)	195
3/2 (with short)	619(In) 424(Out)
4/1	276
5/1	0
5/2	549
6/1	100
7/1	228
8/1	424
9/1	549

Junction: Basingstoke Road - Buckland Road - Morrison Road								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (B3031 Basingstoke Road South)	3.00	0.00	Y	Arm 6 Left	12.80	28.8 %	1852	1852
				Arm 7 Ahead	Inf	71.2 %		
1/2 (B3031 Basingstoke Road South)	3.00	0.00	N	Arm 8 Right	13.80	100.0 %	1854	1854
2/1 (Morrison Road)	3.10	0.00	Y	Arm 7 Left	9.80	100.0 %	1669	1669
2/2 (Morrison Road)	3.10	0.00	N	Arm 5 Right	16.20	50.0 %	1937	1937
				Arm 8 Ahead	37.70	50.0 %		
3/1 (B3031 Basingstoke Road North)	3.25	0.00	Y	Arm 5 Ahead	Inf	0.0 %	1763	1763
				Arm 8 Left	14.90	100.0 %		
3/2 (B3031 Basingstoke Road North)	3.25	0.00	N	Arm 5 Ahead	Inf	98.8 %	2077	2077
				Arm 6 Right	11.60	1.2 %		
4/1 (Buckland Road)	3.50	0.00	Y	Arm 5 Left	9.60	45.3 %	1788	1788
				Arm 6 Ahead	98.30	16.7 %		
				Arm 7 Right	22.00	38.0 %		
5/1 (B3031 Basingstoke Road Exit)	2.70	0.00	Y	Arm 9 Ahead	Inf	0.0 %	1885	1885
5/2 (B3031 Basingstoke Road Exit Lane 2)	Infinite Saturation Flow						Inf	Inf
6/1 (Morrison Road Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
7/1 (B3031 Basingstoke Road North Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
8/1 (Buckland Road Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
9/1 (Basingstoke Road South Lane 1)	Infinite Saturation Flow						Inf	Inf

Full Input Data And Results

Scenario 2: '2025 Base PM' (FG2: '2025 Base PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	202	433	5	640
	B	109	0	129	48	286
	C	125	232	0	51	408
	D	2	5	5	0	12
	Tot.	236	439	567	104	1346

Traffic Lane Flows

Lane	Scenario 2: 2025 Base PM
Junction: Basingstoke Road - Buckland Road - Morrison Road	
1/1 (with short)	408(In) 176(Out)
1/2 (short)	232
2/1 (with short)	12(In) 2(Out)
2/2 (short)	10
3/1 (short)	202
3/2 (with short)	640(In) 438(Out)
4/1	286
5/1	0
5/2	567
6/1	104
7/1	236
8/1	439
9/1	567

Junction: Basingstoke Road - Buckland Road - Morrison Road								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (B3031 Basingstoke Road South)	3.00	0.00	Y	Arm 6 Left	12.80	29.0 %	1852	1852
				Arm 7 Ahead	Inf	71.0 %		
1/2 (B3031 Basingstoke Road South)	3.00	0.00	N	Arm 8 Right	13.80	100.0 %	1854	1854
2/1 (Morrison Road)	3.10	0.00	Y	Arm 7 Left	9.80	100.0 %	1669	1669
2/2 (Morrison Road)	3.10	0.00	N	Arm 5 Right	16.20	50.0 %	1937	1937
				Arm 8 Ahead	37.70	50.0 %		
3/1 (B3031 Basingstoke Road North)	3.25	0.00	Y	Arm 5 Ahead	Inf	0.0 %	1763	1763
				Arm 8 Left	14.90	100.0 %		
3/2 (B3031 Basingstoke Road North)	3.25	0.00	N	Arm 5 Ahead	Inf	98.9 %	2077	2077
				Arm 6 Right	11.60	1.1 %		
4/1 (Buckland Road)	3.50	0.00	Y	Arm 5 Left	9.60	45.1 %	1788	1788
				Arm 6 Ahead	98.30	16.8 %		
				Arm 7 Right	22.00	38.1 %		
5/1 (B3031 Basingstoke Road Exit)	2.70	0.00	Y	Arm 9 Ahead	Inf	0.0 %	1885	1885
5/2 (B3031 Basingstoke Road Exit Lane 2)	Infinite Saturation Flow						Inf	Inf
6/1 (Morrison Road Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
7/1 (B3031 Basingstoke Road North Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
8/1 (Buckland Road Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
9/1 (Basingstoke Road South Lane 1)	Infinite Saturation Flow						Inf	Inf

Full Input Data And Results

Scenario 3: '2025 Predicted PM' (FG3: '2025 Predicted PM', Plan 1: 'Network Control Plan 1')

Traffic Flows, Desired

Desired Flow :

	Destination					
Origin		A	B	C	D	Tot.
	A	0	98	329	5	432
	B	109	0	129	48	286
	C	125	232	0	51	408
	D	2	109	109	0	220
	Tot.	236	439	567	104	1346

Traffic Lane Flows

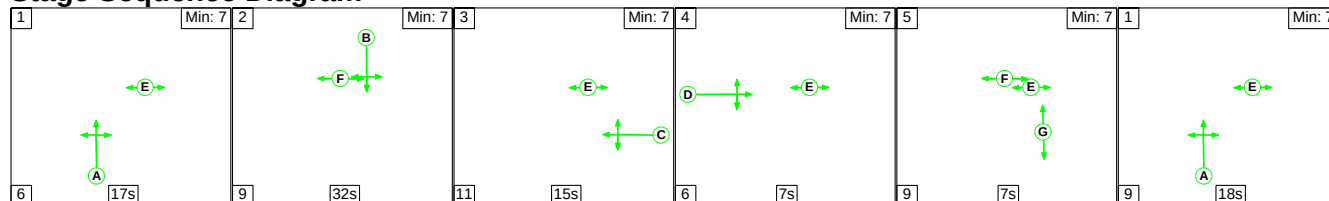
Lane	Scenario 3: 2025 Predicted PM
Junction: Basingstoke Road - Buckland Road - Morrison Road	
1/1 (with short)	408(In) 176(Out)
1/2 (short)	232
2/1 (with short)	220(In) 2(Out)
2/2 (short)	218
3/1 (short)	98
3/2 (with short)	432(In) 334(Out)
4/1	286
5/1	0
5/2	567
6/1	104
7/1	236
8/1	439
9/1	567

Lane Saturation Flows

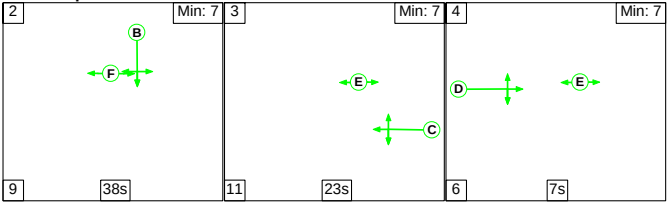
Junction: Basingstoke Road - Buckland Road - Morrison Road								
Lane	Lane Width (m)	Gradient	Nearside Lane	Allowed Turns	Turning Radius (m)	Turning Prop.	Sat Flow (PCU/Hr)	Flared Sat Flow (PCU/Hr)
1/1 (B3031 Basingstoke Road South)	3.00	0.00	Y	Arm 6 Left	12.80	29.0 %	1852	1852
				Arm 7 Ahead	Inf	71.0 %		
1/2 (B3031 Basingstoke Road South)	3.00	0.00	N	Arm 8 Right	13.80	100.0 %	1854	1854
2/1 (Morrison Road)	3.10	0.00	Y	Arm 7 Left	9.80	100.0 %	1669	1669
2/2 (Morrison Road)	3.10	0.00	N	Arm 5 Right	16.20	50.0 %	1937	1937
				Arm 8 Ahead	37.70	50.0 %		
3/1 (B3031 Basingstoke Road North)	3.25	0.00	Y	Arm 5 Ahead	Inf	0.0 %	1763	1763
				Arm 8 Left	14.90	100.0 %		
3/2 (B3031 Basingstoke Road North)	3.25	0.00	N	Arm 5 Ahead	Inf	98.5 %	2076	2076
				Arm 6 Right	11.60	1.5 %		
4/1 (Buckland Road)	3.50	0.00	Y	Arm 5 Left	9.60	45.1 %	1788	1788
				Arm 6 Ahead	98.30	16.8 %		
				Arm 7 Right	22.00	38.1 %		
5/1 (B3031 Basingstoke Road Exit)	2.70	0.00	Y	Arm 9 Ahead	Inf	0.0 %	1885	1885
5/2 (B3031 Basingstoke Road Exit Lane 2)	Infinite Saturation Flow						Inf	Inf
6/1 (Morrison Road Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
7/1 (B3031 Basingstoke Road North Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
8/1 (Buckland Road Exit Lane 1)	Infinite Saturation Flow						Inf	Inf
9/1 (Basingstoke Road South Lane 1)	Infinite Saturation Flow						Inf	Inf

Scenario 1: '2021 Existing PM' (FG1: '2021 Existing PM', Plan 1: 'Network Control Plan 1')

Stage Sequence Diagram



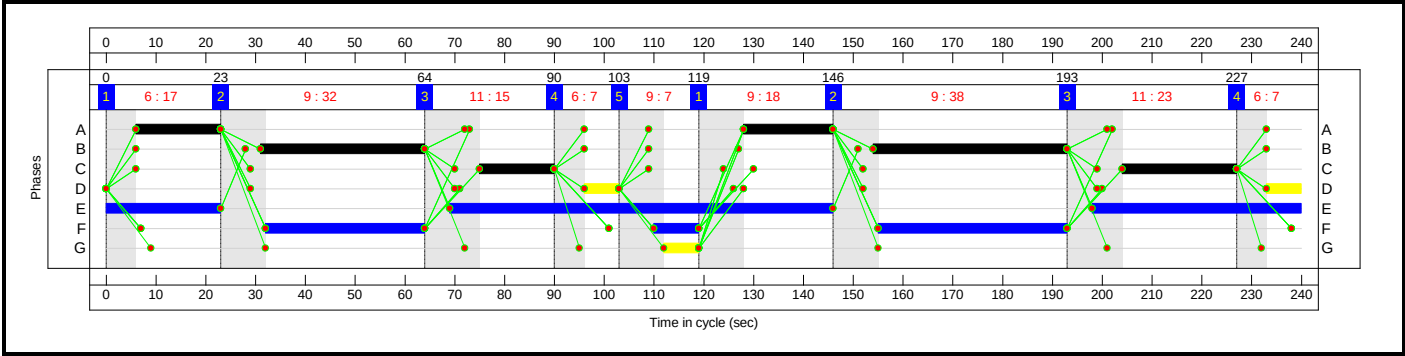
Full Input Data And Results



Stage Timings

Stage	1	2	3	4	5	1	2	3	4
Duration	17	32	15	7	7	18	38	23	7
Change Point	0	23	64	90	103	119	146	193	227

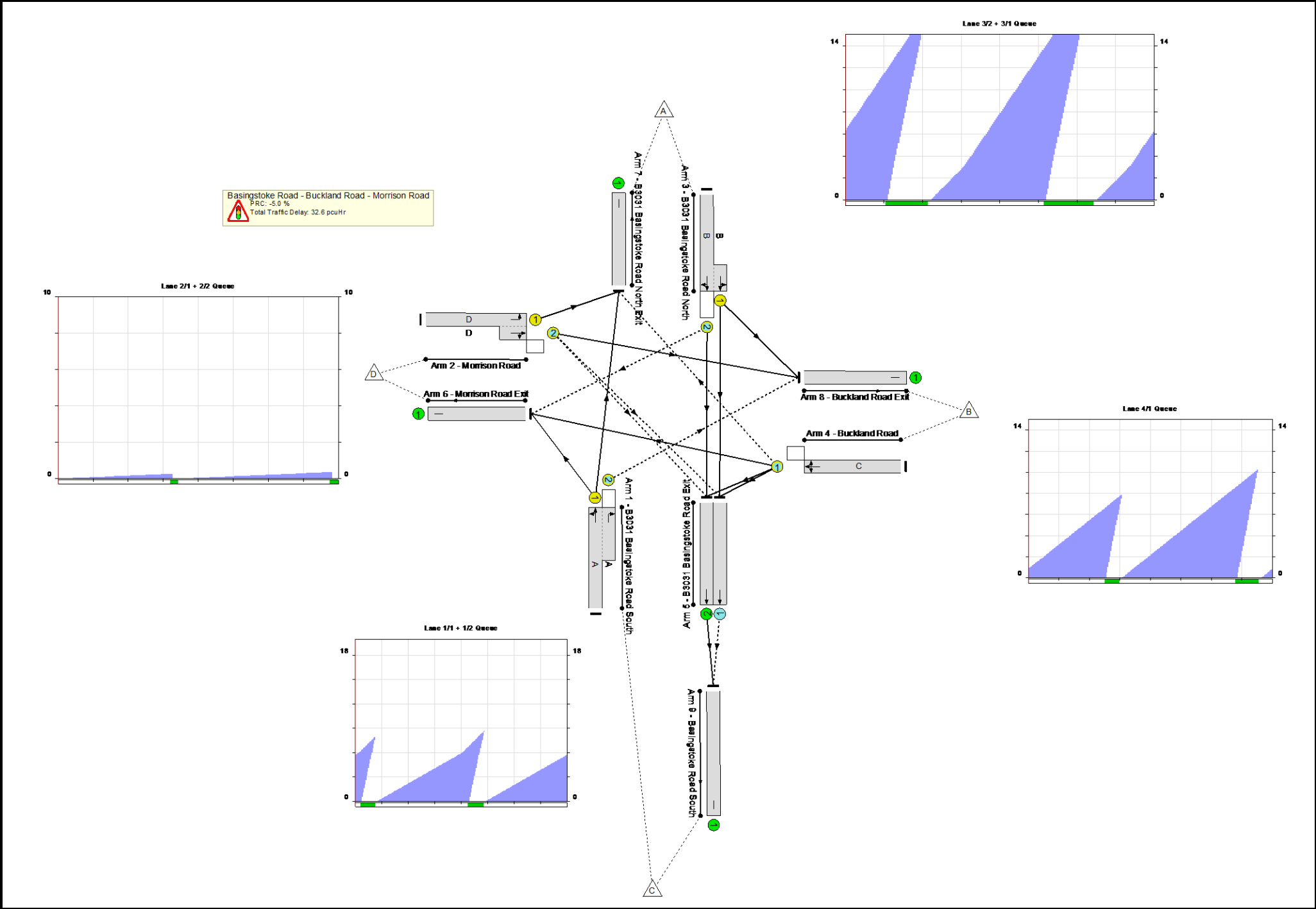
Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram

Full Input Data And Results



Full Input Data And Results

Network Results

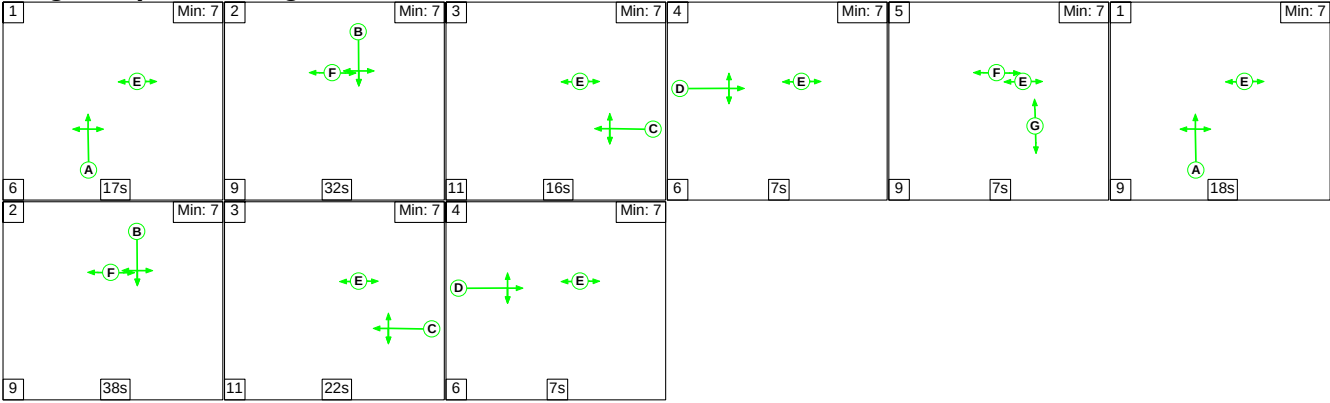
Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Basingstoke Road - Buckland Road - Morrison Road	-	-	N/A	-	-		-	-	-	-	-	-	94.5%
Basingstoke Road - Buckland Road - Morrison Road	-	-	N/A	-	-		-	-	-	-	-	-	94.5%
1/1+1/2	B3031 Basingstoke Road South Left Ahead Right	U+O	N/A	N/A	A		2	35	-	394	1852:1854	180+237	94.5 : 94.5%
2/1+2/2	Morrison Road Right Left Ahead	U+O	N/A	N/A	D		2	14	-	12	1669:1937	23+116	8.6 : 8.6%
3/2+3/1	B3031 Basingstoke Road North Ahead Right Left	O+U	N/A	N/A	B		2	72	-	619	2077:1763	449+207	94.4 : 94.4%
4/1	Buckland Road Left Ahead Right	O	N/A	N/A	C		2	38	-	276	1788	298	92.6%
5/1	B3031 Basingstoke Road Exit Ahead	O	N/A	N/A	-		-	-	-	0	1885	868	0.0%
5/2	B3031 Basingstoke Road Exit Ahead	U	N/A	N/A	-		-	-	-	549	Inf	Inf	0.0%
6/1	Morrison Road Exit	U	N/A	N/A	-		-	-	-	100	Inf	Inf	0.0%
7/1	B3031 Basingstoke Road North Exit	U	N/A	N/A	-		-	-	-	228	Inf	Inf	0.0%
8/1	Buckland Road Exit	U	N/A	N/A	-		-	-	-	424	Inf	Inf	0.0%
9/1	Basingstoke Road South	U	N/A	N/A	-		-	-	-	549	Inf	Inf	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Basingstoke Road - Buckland Road - Morrison Road	-	-	0	328	11	16.1	16.5	0.0	32.6	-	-	-	-
Basingstoke Road - Buckland Road - Morrison Road	-	-	0	328	11	16.1	16.5	0.0	32.6	-	-	-	-
1/1+1/2	394	394	0	219	5	5.3	5.7	0.0	11.0	100.9	8.7	5.7	14.4
2/1+2/2	12	12	0	5	0	0.2	0.0	0.0	0.2	68.1	0.4	0.0	0.4
3/2+3/1	619	619	0	5	0	6.8	6.3	0.0	13.1	76.0	20.1	6.3	26.4
4/1	276	276	0	99	6	3.8	4.5	0.0	8.3	108.3	10.2	4.5	14.7
5/1	0	0	0	0	0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
5/2	549	549	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	100	100	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	228	228	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	424	424	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
9/1	549	549	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1 PRC for Signalled Lanes (%): -5.0 Total Delay for Signalled Lanes (pcuHr): 32.64 Cycle Time (s): 240 PRC Over All Lanes (%): -5.0 Total Delay Over All Lanes(pcuHr): 32.64													

Full Input Data And Results
Scenario 2: '2025 Base PM' (FG2: '2025 Base PM', Plan 1: 'Network Control Plan 1')

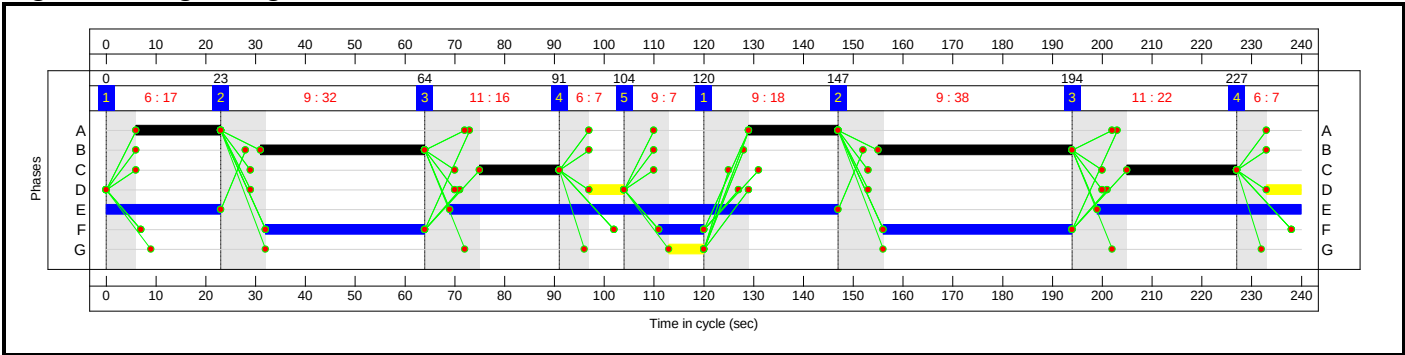
Stage Sequence Diagram



Stage Timings

Stage	1	2	3	4	5	1	2	3	4
Duration	17	32	16	7	7	18	38	22	7
Change Point	0	23	64	91	104	120	147	194	227

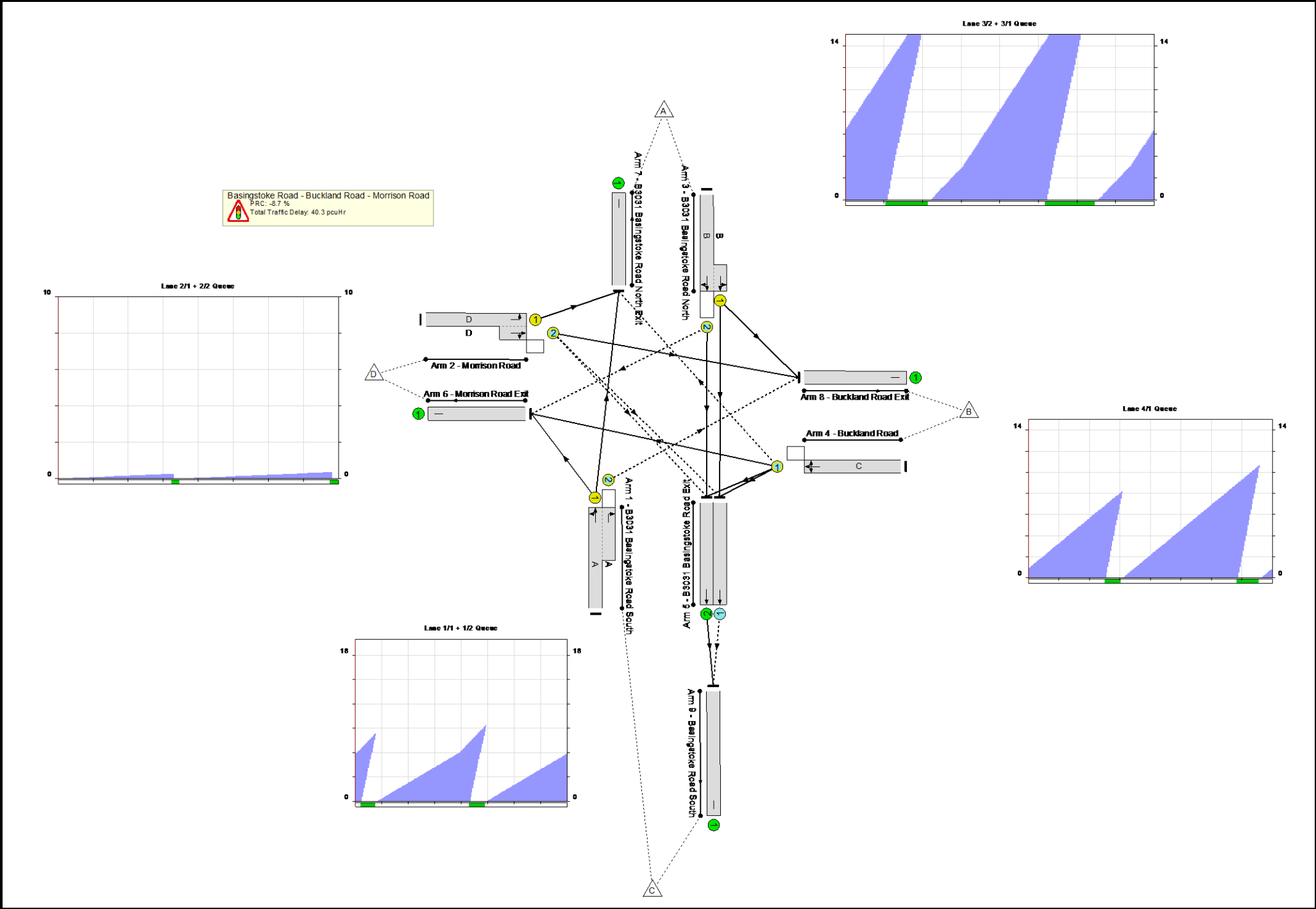
Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram

Full Input Data And Results



Full Input Data And Results

Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Basingstoke Road - Buckland Road - Morrison Road	-	-	N/A	-	-		-	-	-	-	-	-	97.9%
Basingstoke Road - Buckland Road - Morrison Road	-	-	N/A	-	-		-	-	-	-	-	-	97.9%
1/1+1/2	B3031 Basingstoke Road South Left Ahead Right	U+O	N/A	N/A	A		2	35	-	408	1852:1854	180+237	97.9 : 97.9%
2/1+2/2	Morrison Road Right Left Ahead	U+O	N/A	N/A	D		2	14	-	12	1669:1937	23+116	8.6 : 8.6%
3/2+3/1	B3031 Basingstoke Road North Ahead Right Left	O+U	N/A	N/A	B		2	72	-	640	2077:1763	449+207	97.6 : 97.6%
4/1	Buckland Road Left Ahead Right	O	N/A	N/A	C		2	38	-	286	1788	298	96.0%
5/1	B3031 Basingstoke Road Exit Ahead	O	N/A	N/A	-		-	-	-	0	1885	848	0.0%
5/2	B3031 Basingstoke Road Exit Ahead	U	N/A	N/A	-		-	-	-	567	Inf	Inf	0.0%
6/1	Morrison Road Exit	U	N/A	N/A	-		-	-	-	104	Inf	Inf	0.0%
7/1	B3031 Basingstoke Road North Exit	U	N/A	N/A	-		-	-	-	236	Inf	Inf	0.0%
8/1	Buckland Road Exit	U	N/A	N/A	-		-	-	-	439	Inf	Inf	0.0%
9/1	Basingstoke Road South	U	N/A	N/A	-		-	-	-	567	Inf	Inf	0.0%

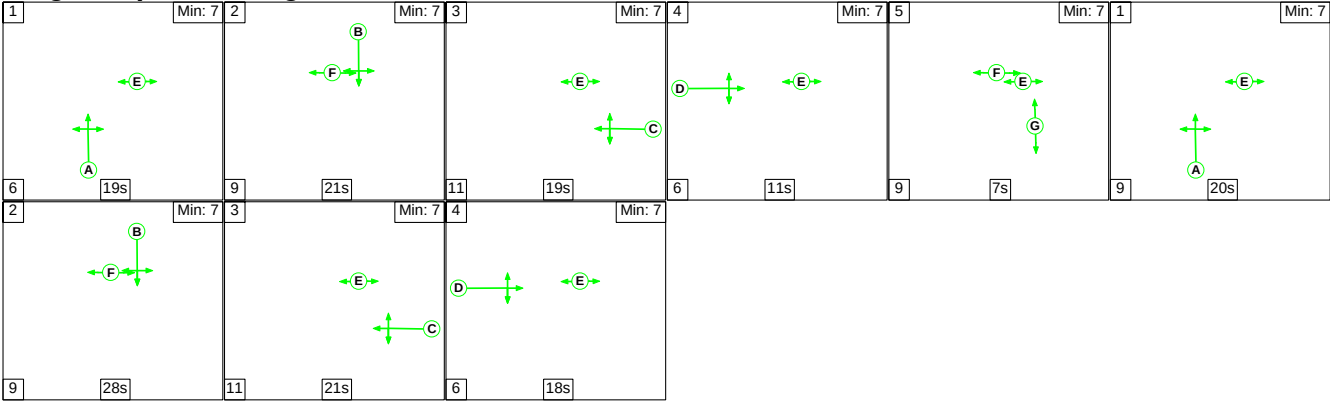
Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Basingstoke Road - Buckland Road - Morrison Road	-	-	0	331	20	16.9	23.4	0.0	40.3	-	-	-	-
Basingstoke Road - Buckland Road - Morrison Road	-	-	0	331	20	16.9	23.4	0.0	40.3	-	-	-	-
1/1+1/2	408	408	0	220	12	5.6	8.1	0.0	13.7	120.5	9.4	8.1	17.5
2/1+2/2	12	12	0	5	0	0.2	0.0	0.0	0.2	67.9	0.4	0.0	0.4
3/2+3/1	640	640	0	5	0	7.2	9.3	0.0	16.4	92.5	21.4	9.3	30.7
4/1	286	286	0	102	7	4.0	6.0	0.0	10.0	125.6	10.6	6.0	16.6
5/1	0	0	0	0	0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
5/2	567	567	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	104	104	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	236	236	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	439	439	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
9/1	567	567	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
C1 PRC for Signalled Lanes (%): -8.7 Total Delay for Signalled Lanes (pcuHr): 40.30 Cycle Time (s): 240 PRC Over All Lanes (%): -8.7 Total Delay Over All Lanes(pcuHr): 40.30													

Full Input Data And Results

Scenario 3: '2025 Predicted PM' (FG3: '2025 Predicted PM', Plan 1: 'Network Control Plan 1')

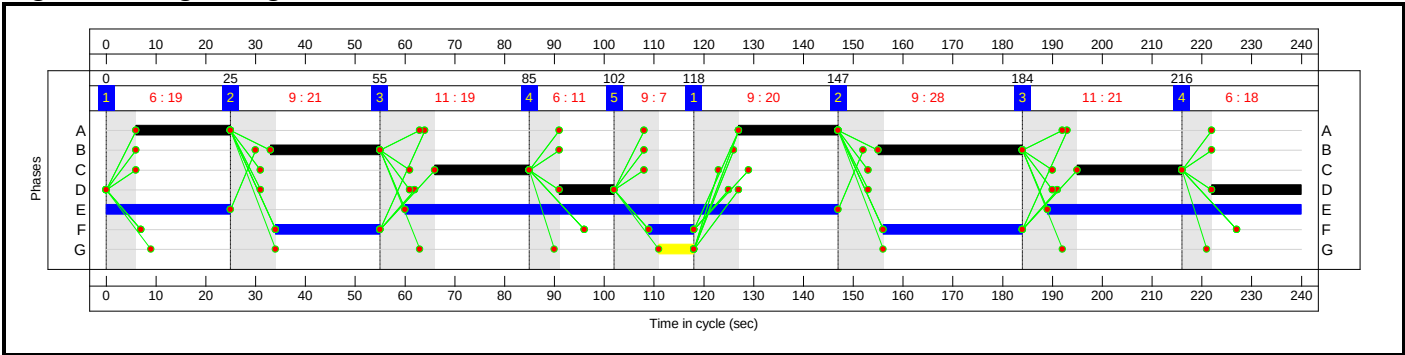
Stage Sequence Diagram



Stage Timings

Stage	1	2	3	4	5	1	2	3	4
Duration	19	21	19	11	7	20	28	21	18
Change Point	0	25	55	85	102	118	147	184	216

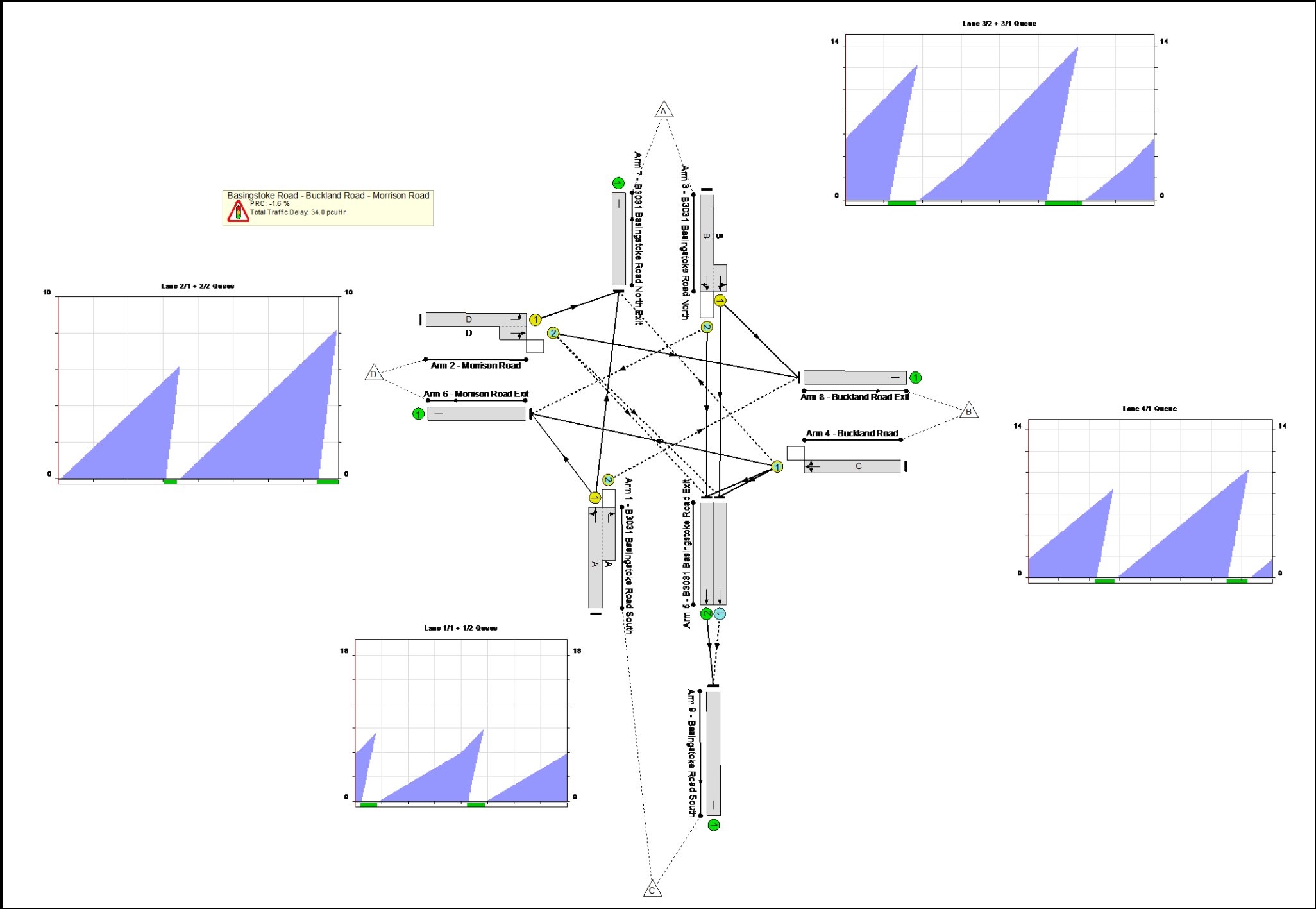
Signal Timings Diagram



Full Input Data And Results

Network Layout Diagram

Full Input Data And Results



Full Input Data And Results

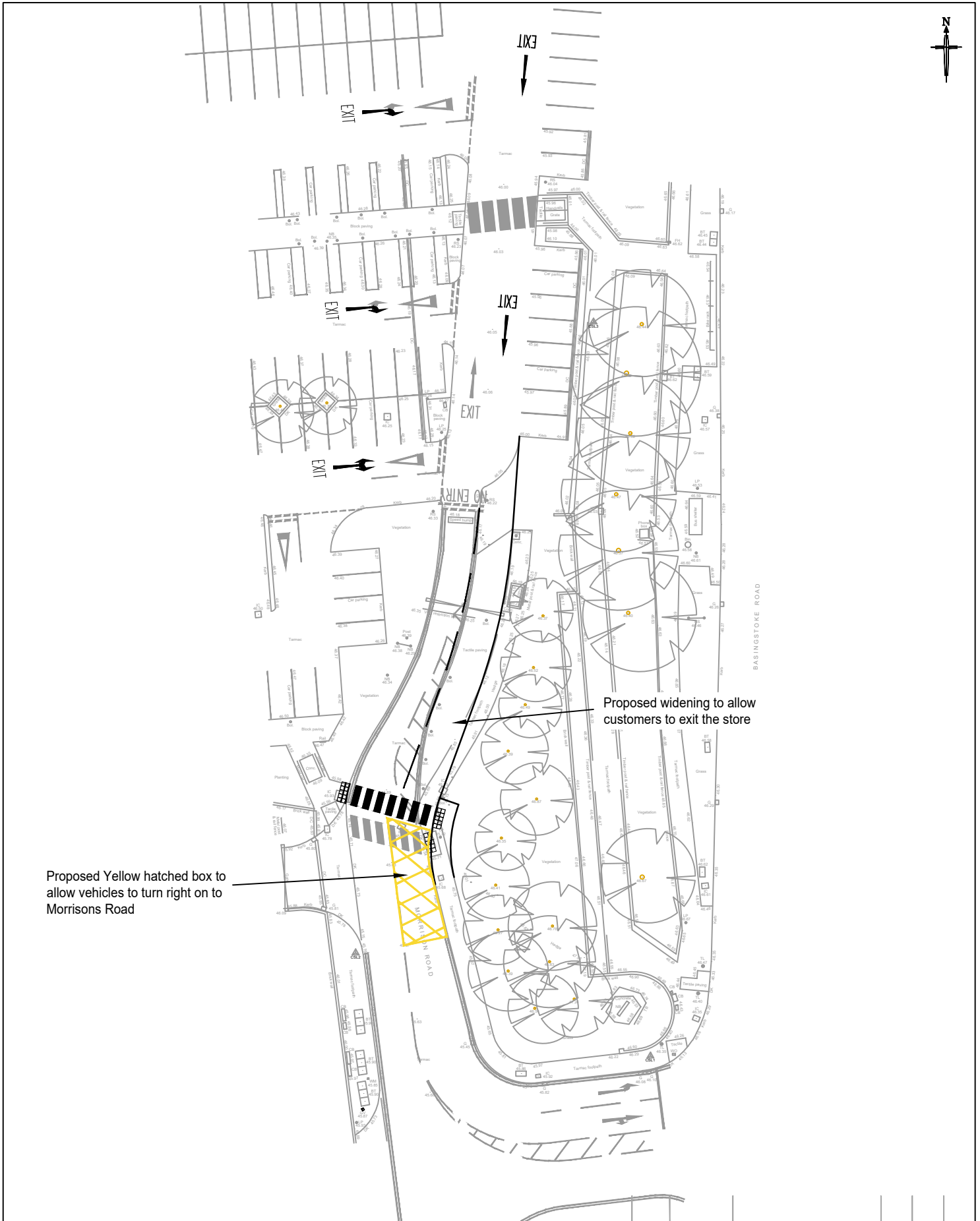
Network Results

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Basingstoke Road - Buckland Road - Morrison Road	-	-	N/A	-	-		-	-	-	-	-	-	91.4%
Basingstoke Road - Buckland Road - Morrison Road	-	-	N/A	-	-		-	-	-	-	-	-	91.4%
1/1+1/2	B3031 Basingstoke Road South Left Ahead Right	U+O	N/A	N/A	A		2	39	-	408	1852:1854	193+255	91.1 : 91.1%
2/1+2/2	Morrison Road Right Left Ahead	U+O	N/A	N/A	D		2	29	-	220	1669:1937	2+242	90.2 : 90.2%
3/2+3/1	B3031 Basingstoke Road North Ahead Right Left	O+U	N/A	N/A	B		2	51	-	432	2076:1763	366+108	91.1 : 91.1%
4/1	Buckland Road Left Ahead Right	O	N/A	N/A	C		2	40	-	286	1788	313	91.4%
5/1	B3031 Basingstoke Road Exit Ahead	O	N/A	N/A	-		-	-	-	0	1885	875	0.0%
5/2	B3031 Basingstoke Road Exit Ahead	U	N/A	N/A	-		-	-	-	567	Inf	Inf	0.0%
6/1	Morrison Road Exit	U	N/A	N/A	-		-	-	-	104	Inf	Inf	0.0%
7/1	B3031 Basingstoke Road North Exit	U	N/A	N/A	-		-	-	-	236	Inf	Inf	0.0%
8/1	Buckland Road Exit	U	N/A	N/A	-		-	-	-	439	Inf	Inf	0.0%
9/1	Basingstoke Road South	U	N/A	N/A	-		-	-	-	567	Inf	Inf	0.0%

Full Input Data And Results

[illegible]

APPENDIX BGH 8



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