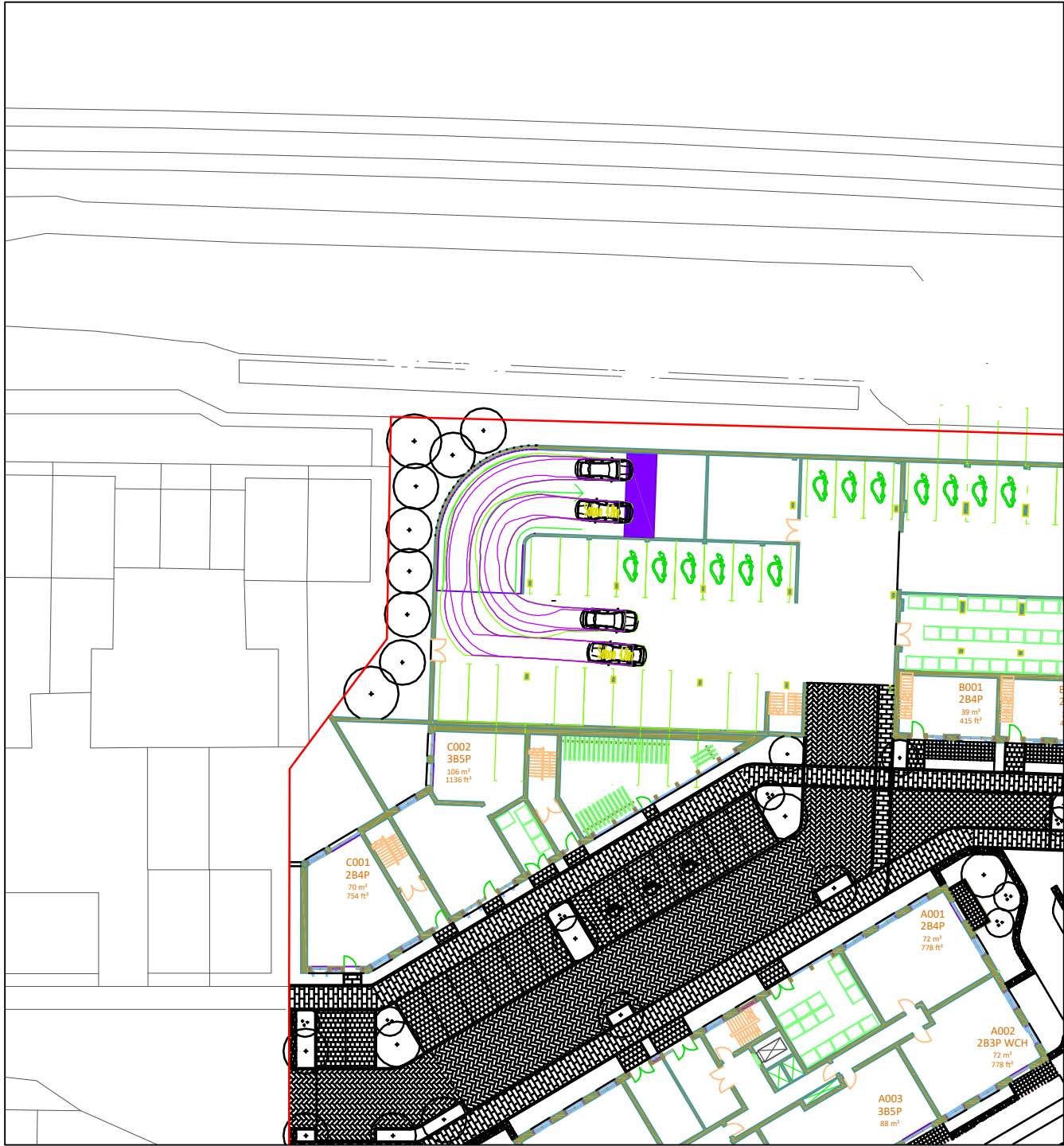
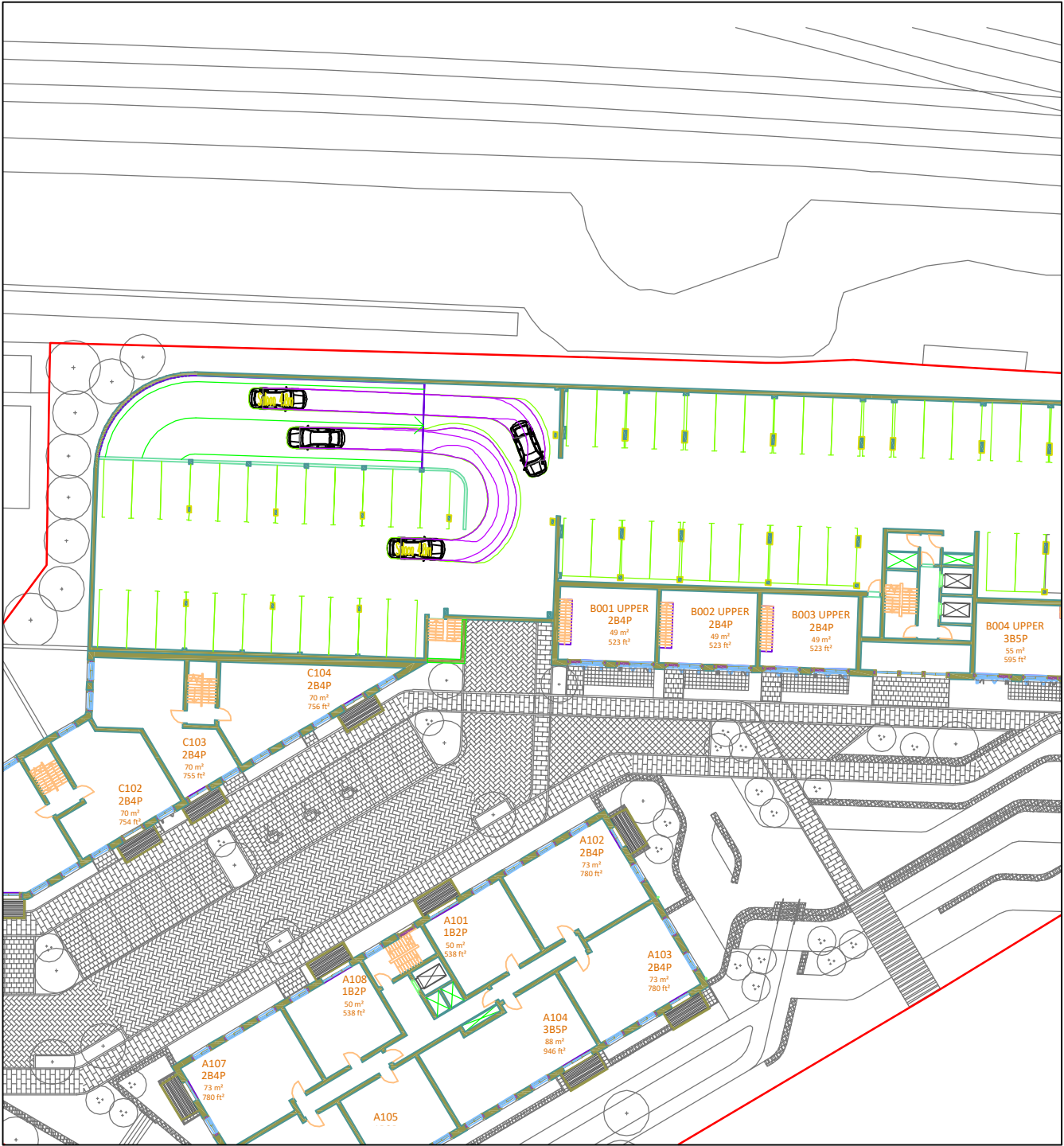


DRAWINGS

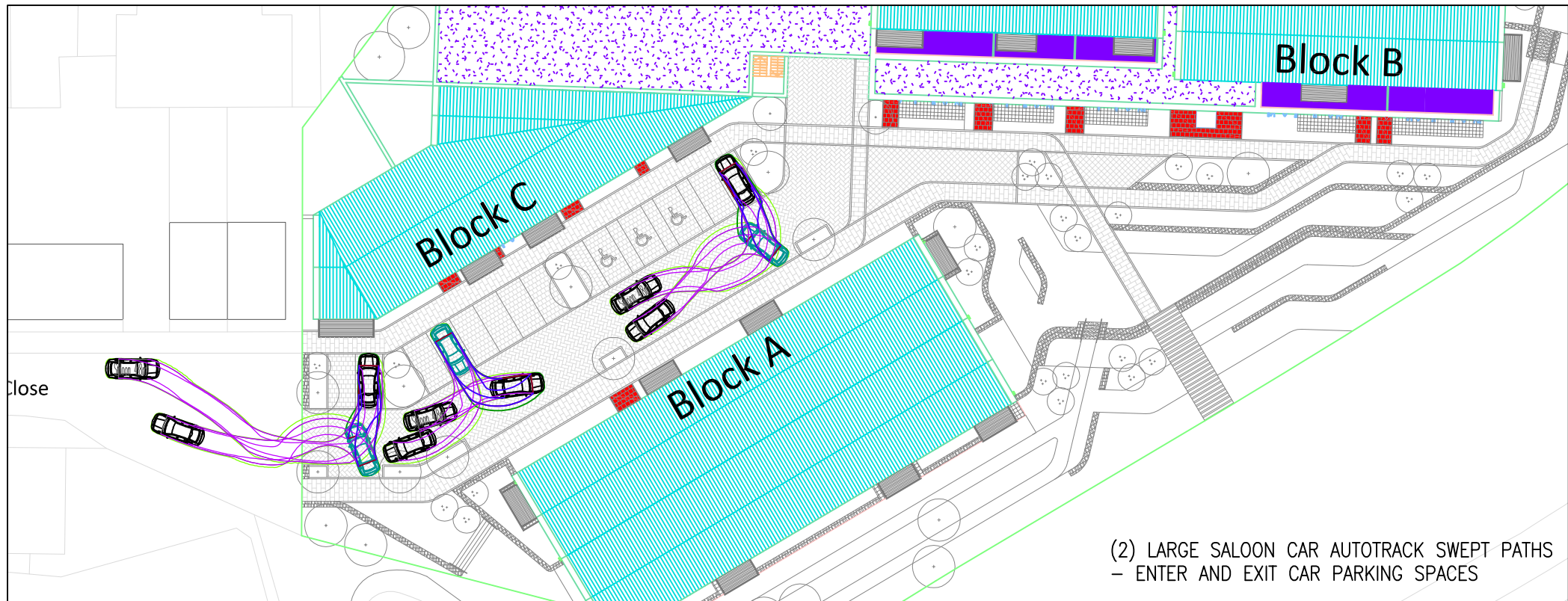
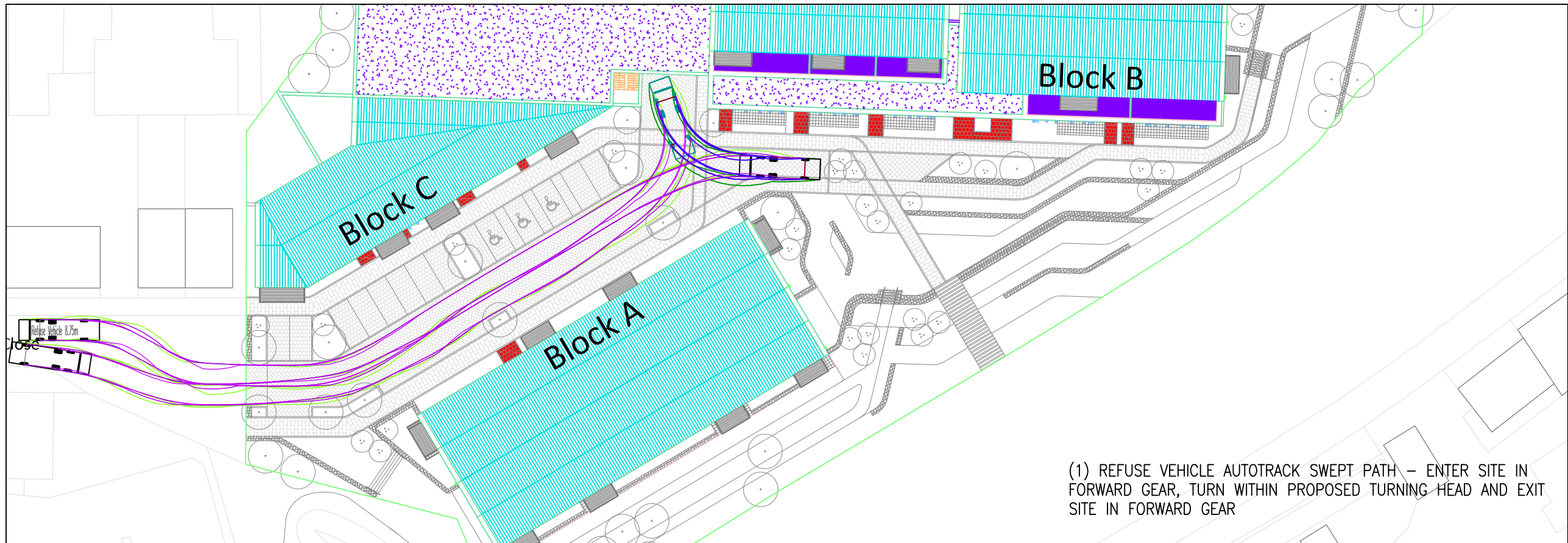


(1) LARGE SALOON CAR AUTOTRACK SWEEP PATHS – TWO CARS
PASSING ON PROPOSED RAMP ON THE GROUND FLOOR



(2) LARGE SALOON CAR AUTOTRACK SWEEP PATHS – TWO CARS
PASSING ON PROPOSED RAMP ON THE FIRST FLOOR

B	SITE LAYOUT AND TRACKING UPDATED		JGP	ALC	03.04.19
A	SITE LAYOUT AND TRACKING UPDATED		JGP	SWA	30.11.18
Rev	Description		Drn	Chk	Date
REVISIONS					
Preliminary		Approval		Tender	
DRAWING STATUS					
DATE	DRAWN		CHECKED		ISSUE CHECKBOX
OCT '18	BEB		SCA		
DRAWING No.	REV		SCALE		
5757.SK09	B		1:500		@ A3
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**APPENDIX A -
SCOPING
EMAIL**

Sarah Allen

From: Cook, Darren <Darren.Cook@reading.gov.uk>
Sent: 23 July 2018 14:24
To: Sarah Allen
Cc: Markwell, Jonathan; Ellen Timmins
Subject: RE: Gas Works Site, Kenavon Drive - TA scope
Attachments: Traffic Survey Locations - Gas Works Site Reading.pdf; 90-060!C1!Section 38 Plan Sheet 1.pdf; 90-061!C1!Section 38 Plan Sheet 2.pdf

Hi Sarah,

Thank you for the email below, I apologise for the delay in responding.

You have proposed to include the Trip Rates utilised for the adjacent site to the proposed assessment, however the trip rates agreed for the adjacent site are from 2013 and therefore if these are to be used they must be reviewed to ensure that newer comparable sites have also been included and other sites previously used have not been removed.

The junctions that should be assessed are those that you have specified along with the following:

Forbury Road/ Vastern Roundabout
Watlington Street Gyratory

The committed development in the area would include the following:

Thames Quarter
120 Kings Road (Kings Point)
Energis House
Former Toys R Us / Homebase

Further to our meeting in June I have checked with officers and the Highway register and we can confirm that the bridge and surrounding area are adopted as Public Highway and therefore the proposal should include a link from the site to the bridge.

Please find attached the approved adoption plan for the adjacent site. You should note that the adjoining carriageway to your site has not been constructed as yet and it is currently proposed that this area will just be extensively constructed as carriageway given that any footway into the site would obstruct vehicular access. As a result a S278 Agreement will be required to continue the link between the end of the footway provided within the adjacent development and the site boundary.

I hope that the above is of use to you but if you have any questions please let me know.

Kind regards,

Darren Cook
Transport Development Control Manager
Transport | Directorate of Environment and Neighbourhood Services (DENS)

Reading Borough Council
Civic Offices
Bridge Street
Reading
RG1 2LU

0118 937 2612 (72612)
07814 169457



From: Sarah Allen [mailto:sga@stuartmichael.co.uk]
Sent: 11 July 2018 10:45
To: Cook, Darren
Cc: Markwell, Jonathan; Ellen Timmins
Subject: RE: Gas Works Site, Kenavon Drive - TA scope

This is an EXTERNAL EMAIL. STOP. THINK before you CLICK links or OPEN attachments.

Hi Darren

Hope you are well. We were at the site undertaking the public exhibition this week and I was really pleased to see the parking restrictions that have been put in on Robert Parker Road. What a difference that has made to the on street parking. I also see that the pedestrian link through to Kennet Walk is also in place, which is great.

I was wondering if you have had time to review the contents of the email below yet? I know we have another pre-app meeting coming up on the 25th so it would be great to get some of the methodology for the Transport Assessment agreed.

Having seen the changes on the Bellway Site I was also wondering if we could have a copy of the adoption plan for that site, if there is one? I'm interested to know whether all the pedestrian / cycle routes through the site are to be adopted.

Many thanks

Sarah

From: Sarah Allen
Sent: 12 June 2018 11:14
To: 'darren.cook@reading.gov.uk' <darren.cook@reading.gov.uk>
Cc: 'jonathan.markwell@reading.gov.uk' <jonathan.markwell@reading.gov.uk>
Subject: Gas Works Site, Kenavon Drive - TA scope [Filed 12 Jun 2018 11:14]

Hi Darren

Many thanks for your time in the pre-app meeting. As we discussed we would like to agree with yourself some of the scope of the Transport Assessment, including trip rates and key highway network to be studied.

The previous transport assessment completed for the adjacent Bellway site (190 dwellings) used the following trip rates based on a network peak period of 07:30-08:30 and 16:30-17:30 (as per the survey data):

Table 5.4 – TRICS Rates – Private Houses

	Arrival	Departure	Two - Way
07:30 – 08:30	0.117	0.368	0.485
16:30 – 17:30	0.380	0.227	0.607

Table 5.5 – TRICS Rates – Private Flats

	Arrival	Departure	Two - Way
07:30 – 08:30	0.052	0.203	0.255

16:30 – 17:30	0.179	0.106	0.285
---------------	-------	-------	-------

Table 5.6 – TRICS Rates – Flats

	Arrival	Departure	Two - Way
07:30 – 08:30	0.059	0.102	0.161
16:30 – 17:30	0.133	0.114	0.246

Although we will ensure that the peak periods are still reflected within the traffic survey data, at this stage we have no reason to believe this will have altered. Given that these trip rates were acceptable to you previously, we would ask for confirmation from you that these are still acceptable for use within the new assessment? However, I have also included below the trip rates for the periods around this from the Bellway TA, so you can see the alternative trip rates on with the above is based.

Table 5.1 – TRICS Rates – Private Houses

AM	Arrival	Departure	Two - Way
07:00 – 08:00	0.078	0.299	0.377
08:00 – 09:00	0.156	0.437	0.485
PM	Arrival	Departure	Two - Way
16:00 – 17:00	0.341	0.210	0.551
17:00 – 18:00	0.419	0.243	0.662
	Arrival	Departure	Two - Way
Daily Total	2.646	2.780	5.426

Table 5.2 – TRICS Rates – Private Flats

AM	Arrival	Departure	Two - Way
07:00 – 08:00	0.027	0.144	0.171
08:00 – 09:00	0.076	0.262	0.338
PM	Arrival	Departure	Two - Way
16:00 – 17:00	0.129	0.092	0.221
17:00 – 18:00	0.229	0.119	0.348
	Arrival	Departure	Two - Way
Daily Total	1.207	1.327	2.534

Table 5.3 – TRICS Rates – Flats

AM	Arrival	Departure	Two - Way
07:00 – 08:00	0.042	0.092	0.134
08:00 – 09:00	0.076	0.111	0.187
PM	Arrival	Departure	Two - Way
16:00 – 17:00	0.147	0.116	0.263
17:00 – 18:00	0.118	0.111	0.229
	Arrival	Departure	Two - Way
Daily Total	1.586	1.625	3.211

In terms of traffic surveys, the Bellway application assessed only the A329 Forbury Road / Kenavon Drive roundabout. However I would suggest that we survey the roundabout as well as the Kennet Walk / Oscar Wild Road and Kenavon Drive / Gas Works Road. See attached plan.

We would also like to agree the background growth to be applied. As per the industry accepted approach, a 5 year growth from the year of application is intended to be applied. The TEMPRO growth for the central Reading area will be used for this. A review of committed development in the area will be undertaken and associated trips applied to the network based on site specific data is available. The TEMPRO growth factor may be adjusted to remove the site specific committed development depending on the size of developments involved, so as to avoid double counting for future growth. In terms of committed development – please can you advise of any developments you would want to see included? I will look to include trips from the recently approved Thames Quarter site.

If you could provide a response regarding the highway network to be surveyed as soon as possible that would be appreciated, as I need to get the traffic surveys undertaken before the school holidays? I'm in the office all week if you would like to discuss any of the above.

Regards

Sarah Allen

Associate Director

Stuart Michael Associates Limited

Coombe House,
Coombe Square,
Thatcham,
Berkshire RG19 4JF.
Telephone: 01635 867711
Facsimile: 01635 861715
www.stuartmichael.co.uk



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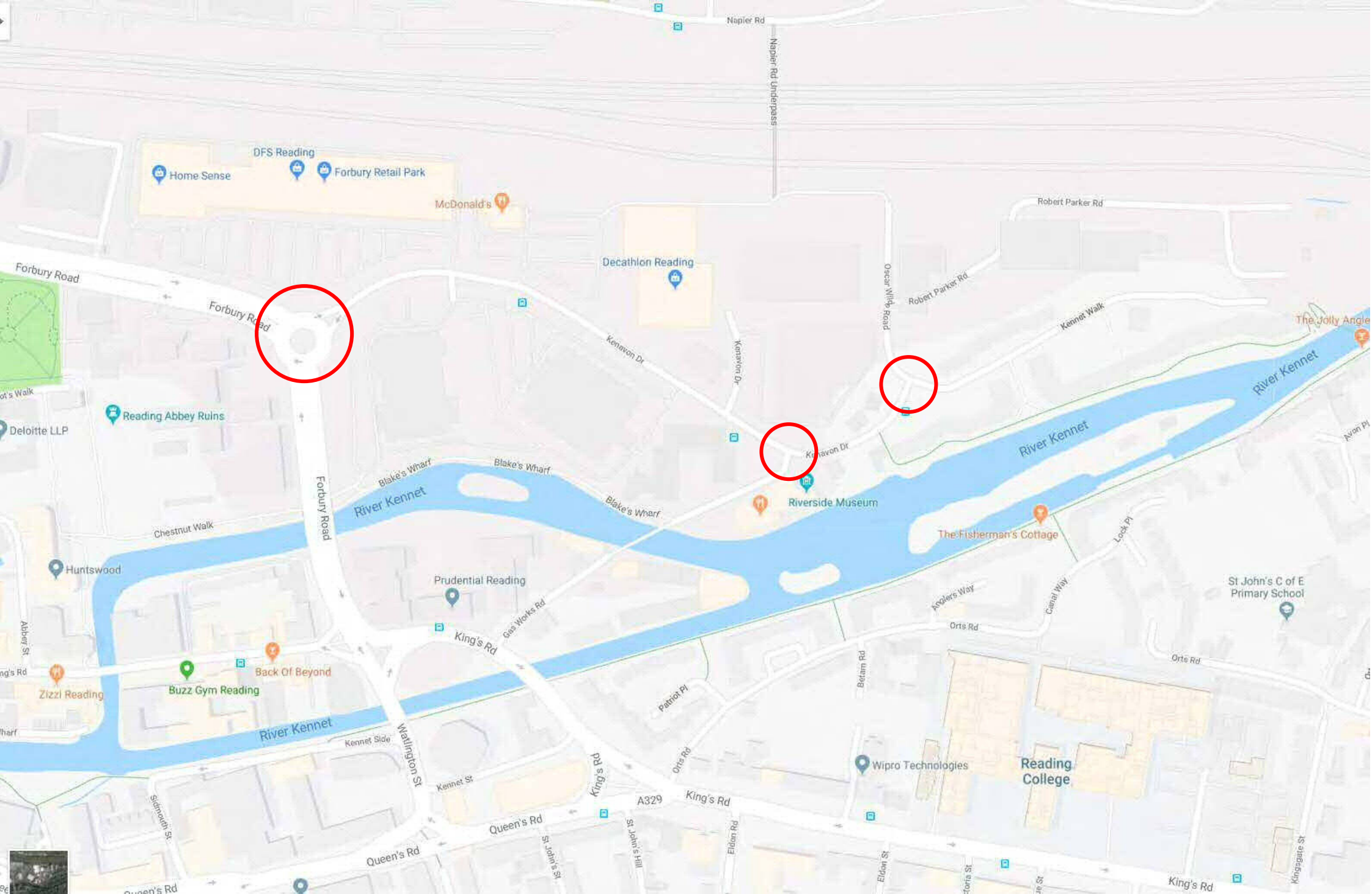
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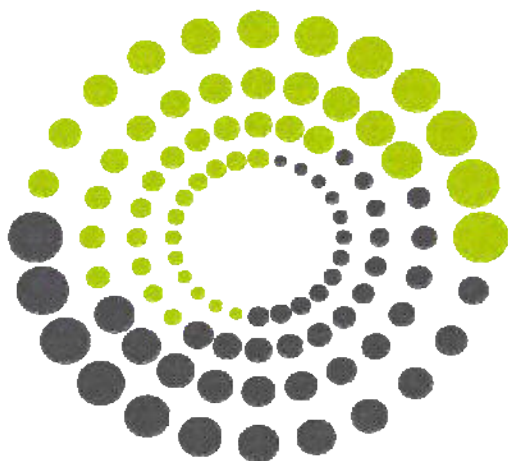
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APPENDIX B - PIA DATA



ADVANCED TRANSPORT RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE02 – Gas Works Road/ King's Road

Client: Stuart Michaels

Date: 04/07/2018

Weather: **Sunny, Dry**

Comments: None

PCU Values

Cars	1.0
LGV	1.0
OGV1	1.5
OGV2	2.3
PSV	2.0
M/B	0.4
Cyc	0.2

Job Type:

Junction Count

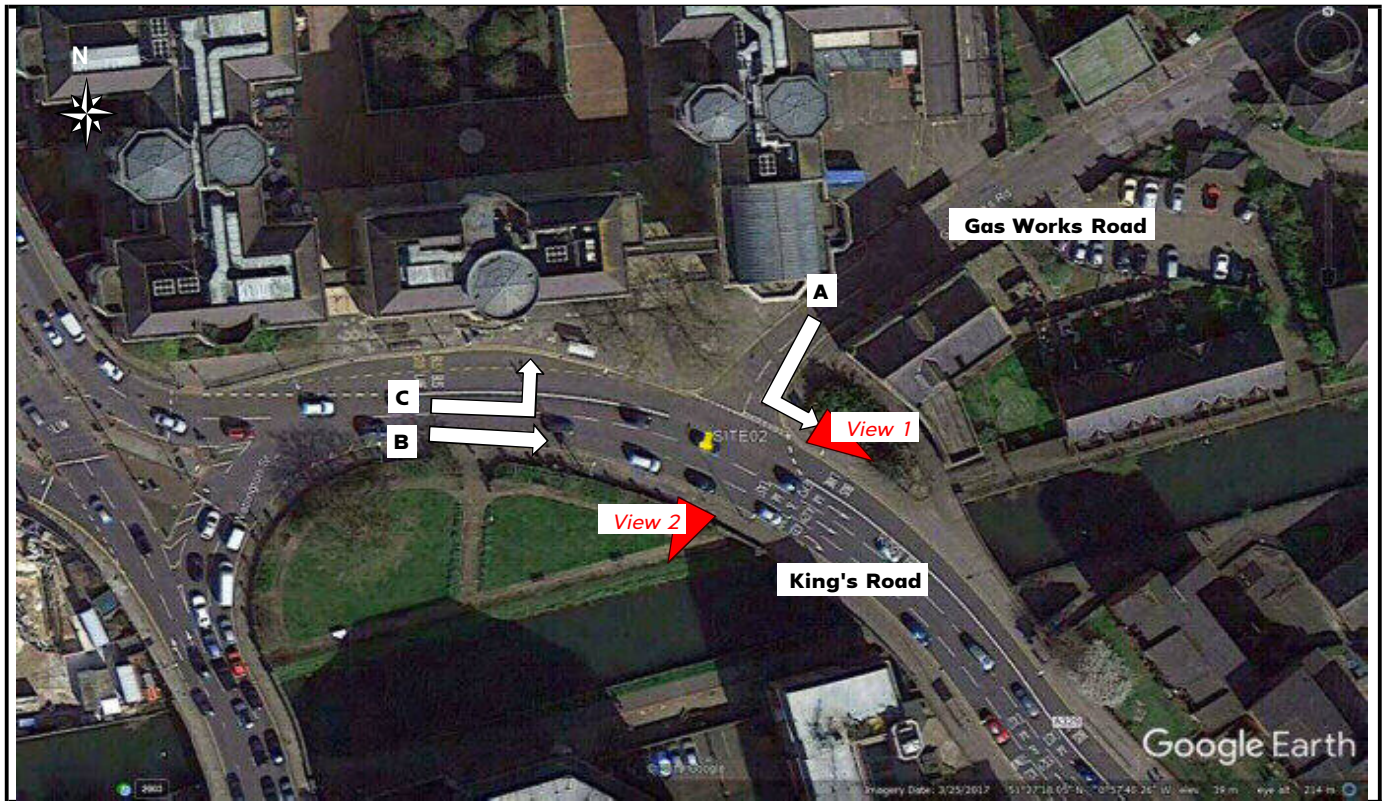
Co-ordinates:

51° 27' 17.77"N, 0° 57' 40.13"W

Postcode:

RG1 3ES

Times:

0700-1000
1600-1900

Advanced Transport Research	Job Number & Name:	18006 Gas Works, Reading
SITE02 - Gas Works Road/ King's Road	Client:	Stuart Michaels
Classified Counts	Date:	Wednesday 04 July 2018

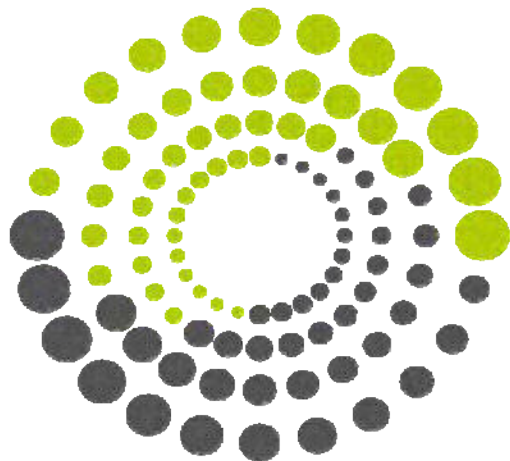
	Movement A							Movement B							Movement C						
Times	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc
07:00 - 07:15	8	1	0	0	0	0	0	413	70	6	1	9	9	6	9	1	1	0	0	0	1
07:15 - 07:30	6	1	0	0	0	0	0	494	60	11	2	13	8	7	7	0	0	0	0	1	0
07:30 - 07:45	3	0	1	0	0	0	1	429	64	8	1	11	6	13	10	0	0	0	0	0	2
07:45 - 08:00	3	0	0	0	0	0	2	419	54	8	0	10	10	9	15	1	0	0	0	1	2
08:00 - 08:15	1	0	0	0	0	0	2	434	49	7	1	9	4	3	15	1	0	0	0	3	3
08:15 - 08:30	8	1	0	0	0	0	1	441	46	9	1	13	5	8	15	1	0	0	0	1	4
08:30 - 08:45	3	0	0	0	0	0	0	329	44	10	1	12	6	8	16	0	1	0	0	0	2
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09:00 - 09:15	3	1	0	0	0	0	1	382	55	10	2	11	2	7	8	1	1	0	0	0	4
09:15 - 09:30	4	1	0	0	0	0	0	384	55	11	5	13	1	2	6	2	0	0	0	1	0
09:30 - 09:45	1	2	0	0	0	0	0	353	48	7	2	13	4	3	4	1	1	1	0	2	2
09:45 - 10:00	2	2	1	1	0	0	1	354	64	20	4	14	2	1	8	1	0	0	0	0	1

16:00 - 16:15	11	1	0	0	0	1	2	436	54	4	2	12	11	6	3	0	0	0	0	0	0
16:15 - 16:30	11	0	0	0	0	4	5	455	41	7	1	7	7	7	5	1	0	0	0	0	1
16:30 - 16:45	17	2	0	0	0	1	5	460	61	4	1	10	12	17	5	3	1	0	0	0	1
16:45 - 17:00	15	3	1	0	0	0	3	440	34	2	1	12	8	6	6	1	0	0	0	0	0
17:00 - 17:15	16	0	0	0	0	2	3	417	25	4	0	11	11	17	1	0	0	0	0	0	1
17:15 - 17:30	14	0	0	0	0	1	2	422	29	2	2	12	17	21	3	0	0	0	0	0	1
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18:30 - 18:45	5	0	0	0	0	2	5	432	23	1	1	15	11	7	3	0	0	0	0	0	0
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08:45 - 09:45	9	5	1	0	0	1	2	1488	205	38	12	47	12	19	29	6	2	1	0	4	8
09:00 - 10:00	10	6	1	1	0	0	2	1473	222	48	13	51	9	13	26	5	2	1	0	3	7
16:00 - 17:00	54	6	1	0	0	6	15	1791	190	17	5	41	38	36	19	5	1	0	0	0	2
16:15 - 17:15	59	5	1	0	0	7	16	1772	161	17	3	40	38	47	17	5	1	0	0	0	3
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18:00 - 19:00	25	0	0	0	0	2	10	1813	125	9	4	45	50	40	19	1	0	0	0	0	1

07:00 - 08:00	20	2	1	0	0	0	3	1755	248	33	4	43	33	35	41	2	1	0	0	2	5
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16:00 - 17:00	54	6	1	0	0	6	15	1791	190	17	5	41	38	36	19	5	1	0	0	0	2
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ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE02 - Gas Works Road/ King's Road

Client: Stuart Michaels

Date: 04/07/2018

Weather: Sunny, Dry

Comments: Nonr

Job Type:

Queue Lengths

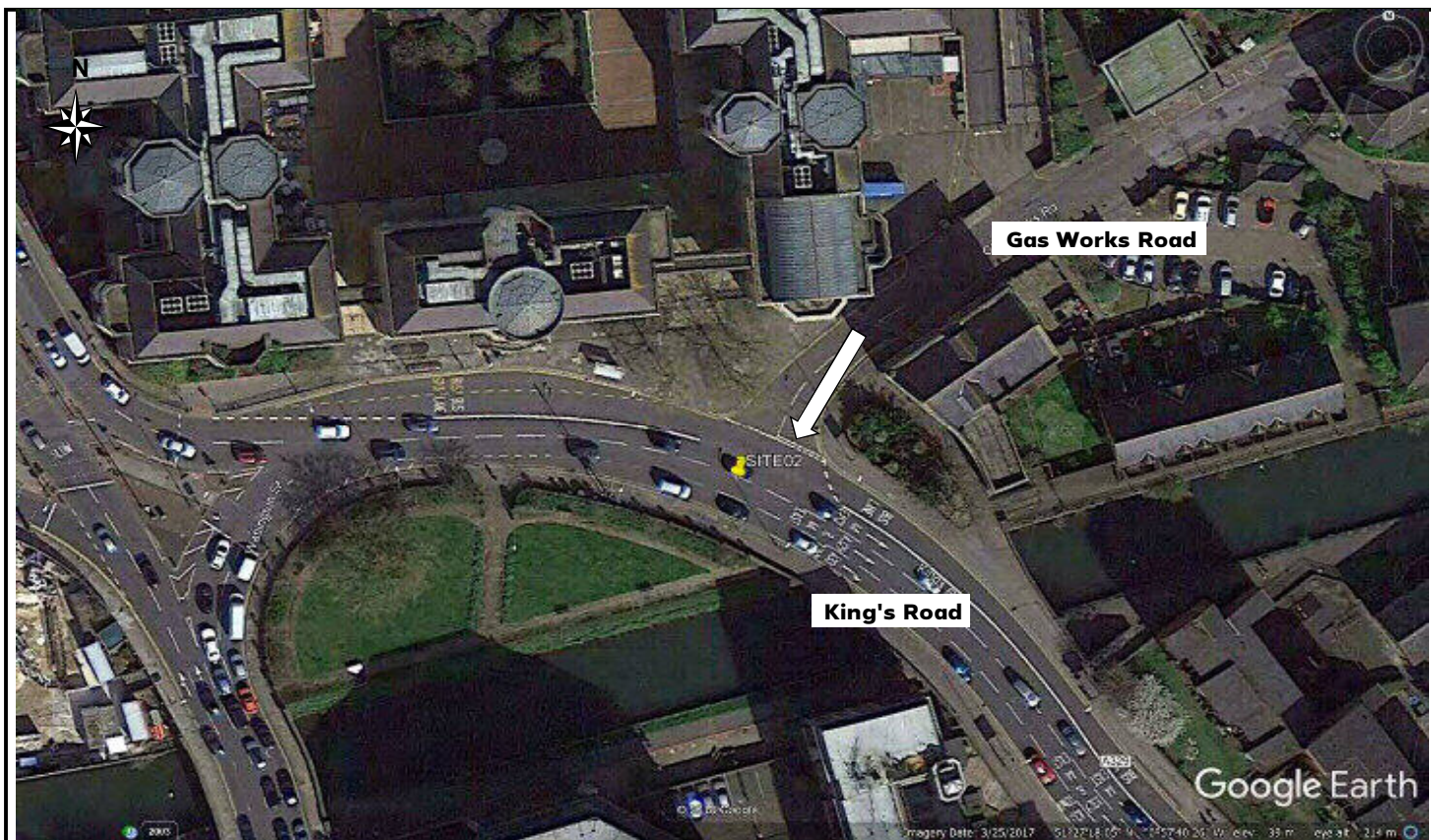
Co-ordinates:

51° 27' 17.77"N, 0° 57' 40.13"W

Postcode:

RG1 3ES

Times:

0700-1000
1600-1900

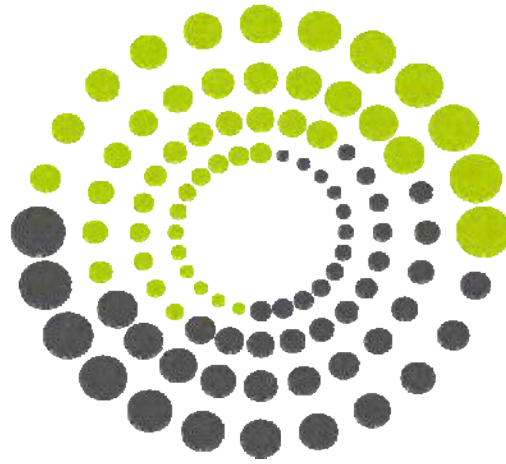
Advanced Transport Research	Location & Name:	18006 Gas Works, Reading
SITE02 - Gas Works Road/ King's	Client:	Stuart Michaels
Queue Lengths	Date:	Wednesday 04 July 2018

Count in vehicles

Lane 1 = Nearest Kerb

	Gas Works Road	
Times	Lane 1	
07:00 - 07:15	1	
07:15 - 07:30	2	
07:30 - 07:45	4	
07:45 - 08:00	2	
08:00 - 08:15	0	
08:15 - 08:30	1	
08:30 - 08:45	1	
08:45 - 09:00	2	
09:00 - 09:15	1	
09:15 - 09:30	2	
09:30 - 09:45	1	
09:45 - 10:00	2	

16:00 - 16:15	2	
16:15 - 16:30	3	
16:30 - 16:45	2	
16:45 - 17:00	6	
17:00 - 17:15	3	
17:15 - 17:30	2	
17:30 - 17:45	2	
17:45 - 18:00	0	
18:00 - 18:15	1	
18:15 - 18:30	1	
18:30 - 18:45	1	
18:45 - 19:00	1	



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE01 – Forbury Road/ Kenavon Drive

Client: Stuart Michaels

Date: 04/07/2018

Weather: Sunny, Dry

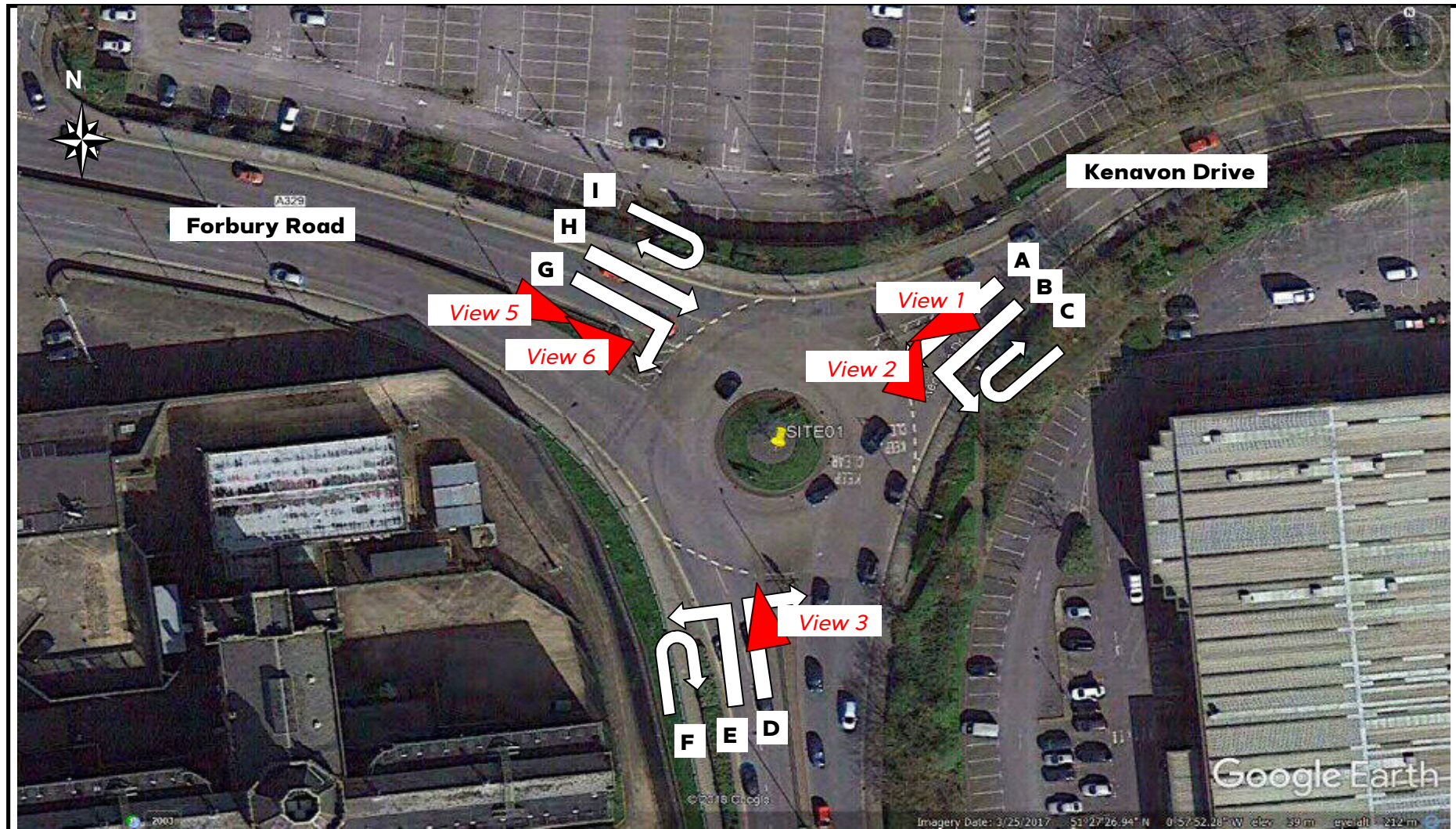
Comments: None

Job Type: Junction Count

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Postcode: RG1 3HY

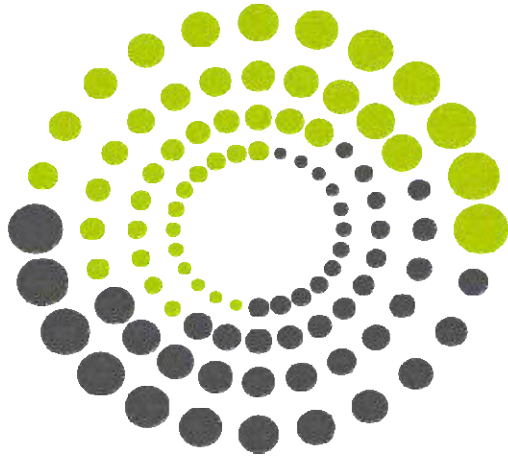
Times: 0700-1000
1600-1900



	Movement A							Movement B							Movement C							Movement D							Movement E							Movement F							Movement G							Movement H							Movement I																
Times	Cars	LGV	GV1	GV2	PSV	M/B	Cyc	Cars	LGV	GV1	GV2	PSV	M/B	Cyc	Cars	LGV	GV1	GV2	PSV	M/B	Cyc	Cars	LGV	GV1	GV2	PSV	M/B	Cyc	Cars	LGV	GV1	GV2	PSV	M/B	Cyc	Cars	LGV	GV1	GV2	PSV	M/B	Cyc	Cars	LGV	GV1	GV2	PSV	M/B	Cyc	Cars	LGV	GV1	GV2	PSV	M/B	Cyc																	
07:00 - 07:15	9	2	0	0	0	0	3	17	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3	0	0	0	0	0	131	16	4	0	4	3	13	11	0	1	0	0	0	0	200	28	4	0	1	3	3	11	0	0	0	0	0	0	3	0	0	0	0	0	0	465			
07:15 - 07:30	15	2	0	0	1	0	1	25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	2	0	0	0	0	0	146	22	4	0	5	2	8	3	0	0	0	0	0	0	236	24	6	2	0	6	4	12	6	0	0	0	0	3	2	0	0	0	0	0	531				
07:30 - 07:45	7	1	1	0	1	1	0	13	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	4	0	0	1	0	0	152	22	3	1	3	6	4	5	2	0	0	0	0	0	0	186	26	4	2	1	4	10	7	2	1	0	0	0	0	3	2	0	0	0	0	0	468		
07:45 - 08:00	8	3	1	0	0	0	0	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	5	2	0	0	0	0	141	13	1	0	7	5	7	5	1	0	0	0	0	0	0	225	24	3	0	0	4	5	13	2	0	0	0	0	1	5	1	0	0	0	0	0	494		
08:00 - 08:15	14	0	1	0	1	0	0	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	2	1	0	1	1	0	137	12	5	1	10	5	13	9	1	0	0	0	0	0	0	211	27	4	1	0	4	1	16	2	2	0	0	0	0	6	1	0	0	0	0	0	0	502	
08:15 - 08:30	14	0	1	0	0	1	0	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1	2	0	1	0	0	128	18	5	1	4	5	8	6	0	0	0	0	0	0	0	191	26	3	1	1	2	8	18	2	0	0	0	0	0	1	5	0	0	0	0	0	0	462	
08:30 - 08:45	13	1	1	0	1	0	1	30	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	3	1	0	0	0	0	141	11	3	0	5	7	14	14	2	1	0	0	0	0	0	159	12	4	2	1	2	3	11	0	0	0	0	0	0	1	0	0	0	0	0	0	453		
08:45 - 09:00	8	1	1	0	0	0	1	13	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	4	0	0	0	0	0	125	11	3	0	4	10	10	4	2	0	0	0	0	0	0	154	27	4	0	0	1	3	15	1	3	0	0	0	0	3	1	0	0	0	0	0	0	410	
09:00 - 09:15	12	1	0	0	0	0	0	18	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	3	0	0	1	0	0	120	9	3	1	5	3	5	5	3	0	0	0	0	0	0	0	154	23	7	0	0	1	4	21	0	1	0	0	0	0	4	0	1	0	0	0	0	0	422
09:15 - 09:30	11	0	0	3	1	0	1	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	7	1	0	0	1	0	110	18	5	0	10	4	5	8	3	1	0	0	0	0	0	0	174	19	2	2	2	1	2	24	5	0	0	0	0	0	1	5	0	0	0	0	0	0	446
09:30 - 09:45	16	2	0	0	0	0	0	18	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	5	1	0	0	0	0	109	19	5	1	3	4	3	6	0	0	0	0	0	0	0	164	22	5	1	2	2	2	38	3	1	1	0	0	0	0	4	1	0	0	0	0	0	0	460
09:45 - 10:00	23	5	0	0	1	1	1	21	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	7	0	0	1	0	0	112	24	1	1	5	2	3	4	3	2	0	0	0	0	0	0	157	24	12	4	1	2	0	33	5	2	0	0	0	0	0	2	3	0	0	0	0	0	489

10:00 - 10:15	39	0	0	0	1	0	0	32	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	2	0	1	1	1	0	136	11	1	0	6	3	3	28	3	0	0	0	0	0	0	173	26	2	0	0	7	2	22	0	0	0	0	0	0	8	1	0	0	0	0	0	526		
10:15 - 10:30	21	0	0	0	0	0	0	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	1	0	0	0	0	0	130	8	0	2	4	2	1	13	2	0	0	0	0	0	0	194	23	5	1	0	2	1	23	1	0	0	0	0	0	0	22	2	0	0	0	0	2	0	498
10:30 - 10:45	16	2	0	0	0	0	1	17	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	31	2	0	1	0	0	0	121	4	4	0	6	4	3	14	1	0	0	0	0	0	0	220	24	4	2	1	4	8	25	1	0	0	0	0	1	2	9	0	0	0	0	1	0	508	
10:45 - 11:00	35	1	0	0	1	1	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	1	0	0	1	0	1	128	14	0	0	6	1	4	15	1	0	0	0	0	0	0	148	9	3	0	1	5	4	18	2	0	0	0	0	0	0	18	0	0	0	0	0	1	0	448
11:00 - 11:15	28	2	0	0	0	0	0	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	4	0	0	1	0	1	153	11	1	0	3	4	6	32	2	1	0	0	0	0	0	158	13	1	0	0	5	6	13	1	0	0	0	0	1	3	14	0	0	0	0	0	1	494	
11:15 - 11:30	24	2	0	0	1	0	2	25	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	30	4	0	0	0	0	0	141	7	2	1	4	4	10	25	0	0	1	0	0	0	0	144	11	2	0	0	7	10	19	0	0	0	0	0	1	7	0	0	0	0	0	0	455		
11:30 - 11:45	20	0	0	0	2	0	0	11	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	27	1	0	0	1	0	1	167	10	0	1	5	5	13	38	1	0	0	0	0	0	0	148	6	0	1	0	7	2	23	3	0	0	0	0	3	5	0	0	0	0	1	0	468		
11:45 - 12:00	18	2	0	0	0	0	1	22	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	34	2	0	0	0	0	0	148	5	0	0	5	5	9	31	1	0	0	0	0	0	0	162	14	2	2	1	7	6	19	2	1	0	0	0	1	3	11	1	0	0	0	0	0	484	
12:00 - 12:15	21	3	0	0	1	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	1	0	0	1	0	0	106	7	0	0	6	5	5	24	2	0	0	0	0	0	0	168	13	2	1	0	9	1	21	0	0	0	0	0	0	6	0	0	0	0	0	0	440		
12:15 - 12:30	22	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	2	0	0	1	0	0	159	10	1	0	6	4	11	19	0	0	0	0	0	0	0	188	16	0	0	2	2	8	35	1	0	0	0	0	1	2	6	0	0	0	0	0	528		
12:30 - 12:45	30	0	0	0	0	0	1	28	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	2	0	0	0	1	1	130	7	0	0	5	3	1	15	0	0	0	0	0	0	0	175	10	1	0	2	4	4	21	1	0	0	0	0	0	4	13	1	0	0	0	0	0	480	
12:45 - 13:00	24	1	0	0	1	0	0	18	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	34	0	1	0	1	3	0	149	3	0	0	3	1	4	12	0	0	0	0	0	0	0	192	16	0	1	0	6	1	32	1	0	0	0	0	0	2	13	2	0	0	0	0	0	510	

07:00 - 08:00	29	8	2	0	2	1	4	70	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	14	2	0	1	0	0	570	73	12	1	19	16	32	
---------------	----	---	---	---	---	---	---	----	----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	----	---	---	---	---	---	-----	----	----	---	----	----	----	--



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

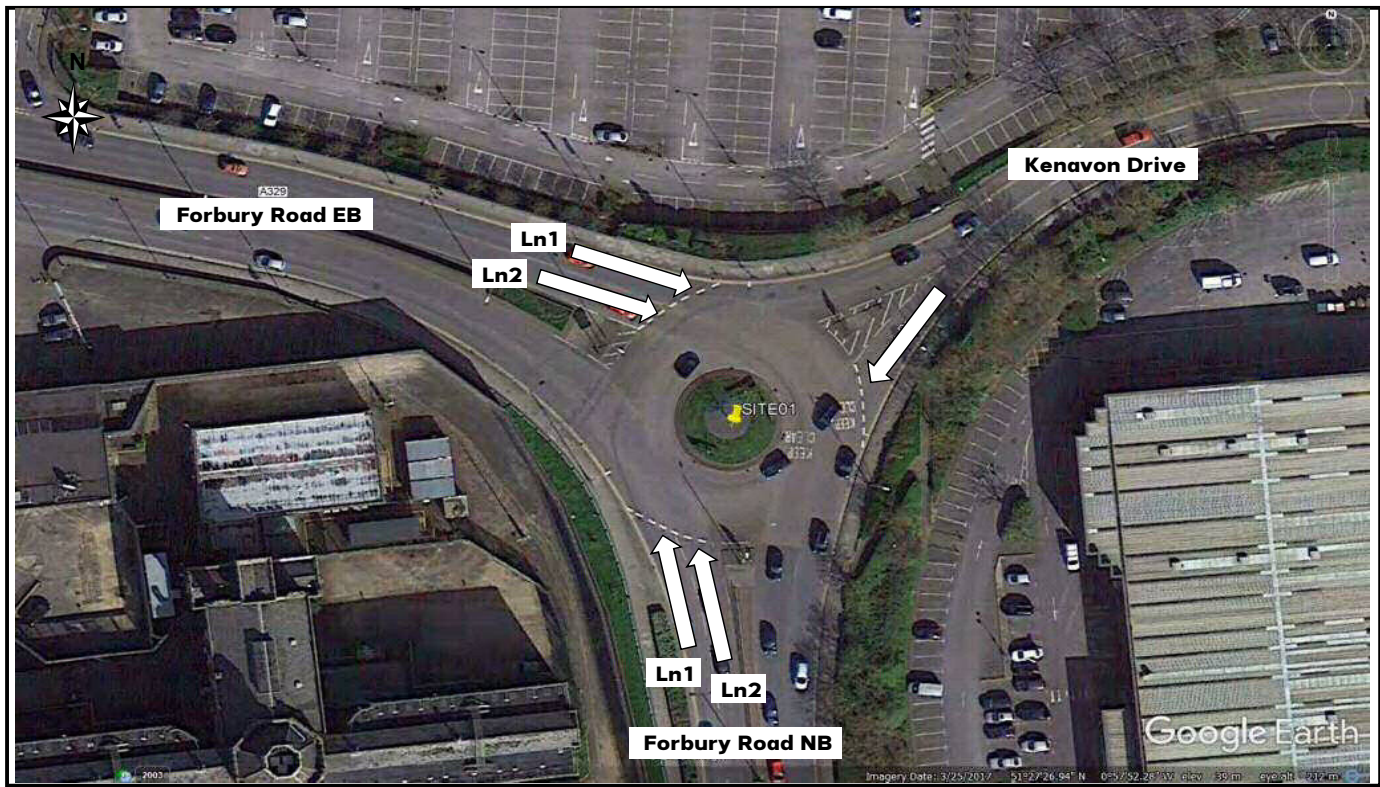
Site Number/Name: SITE01 – Forbury Road/ Kenavon Drive

Client: Stuart Michaels

Date: 04/07/2018

Weather: Sunny, Dry

Comments: None

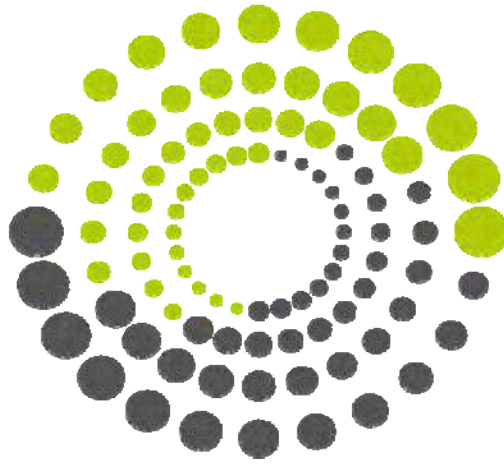


Count in vehicles

Lane 1 = Nearest Kerb

	Kenavon Drive		Forbury Road NB		Forbury Road EB	
Times	Lane 1	Lane 2	Lane 1	Lane 2	Lane 1	Lane 2
07:00 - 07:15	1	1	0	0	8	5
07:15 - 07:30	1	3	7	3	2	11
07:30 - 07:45	4	3	4	0	25	27
07:45 - 08:00	2	2	0	0	26	27
08:00 - 08:15	3	3	0	2	23	27
08:15 - 08:30	2	3	0	0	24	26
08:30 - 08:45	1	3	0	1	1	12
08:45 - 09:00	2	2	3	3	3	4
09:00 - 09:15	1	2	0	0	2	7
09:15 - 09:30	1	2	2	4	1	2
09:30 - 09:45	2	2	0	0	3	3
09:45 - 10:00	2	4	3	2	2	0

16:00 - 16:15	4	11	0	5	26	27
16:15 - 16:30	2	6	0	0	25	27
16:30 - 16:45	3	7	0	0	25	26
16:45 - 17:00	3	11	1	4	26	27
17:00 - 17:15	2	6	3	5	25	27
17:15 - 17:30	2	7	0	4	26	27
17:30 - 17:45	3	4	0	4	26	27
17:45 - 18:00	4	3	2	5	26	27
18:00 - 18:15	3	4	3	6	26	27
18:15 - 18:30	2	4	0	4	26	27
18:30 - 18:45	4	10	5	6	20	24
18:45 - 19:00	3	3	0	4	17	22



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE03 – Kenavon Drive/ Gas Works Road

Client: Stuart Michaels

Date: 04/07/2018

Weather: Sunny, Dry

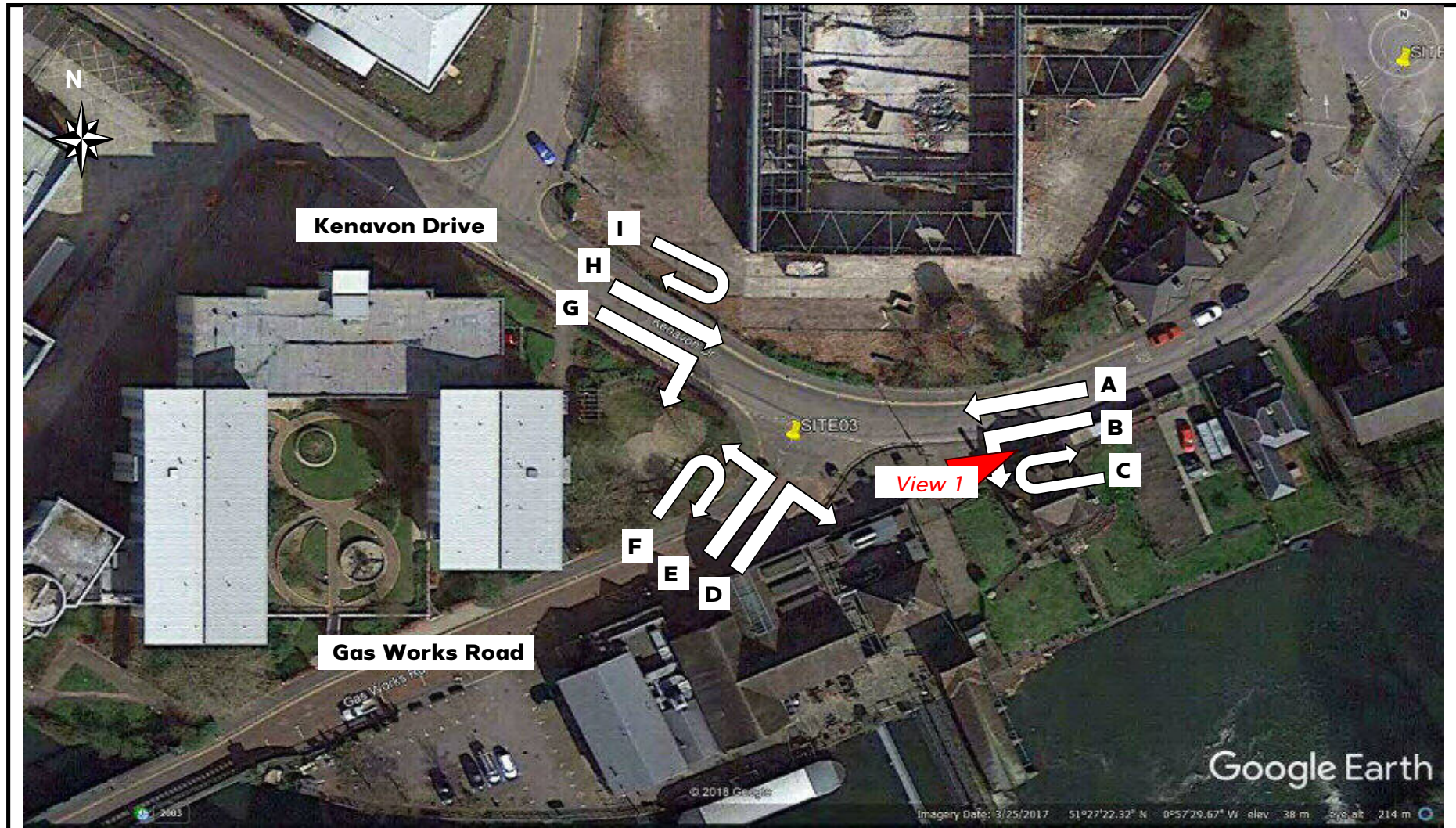
Comments: None

Job Type: Junction Count

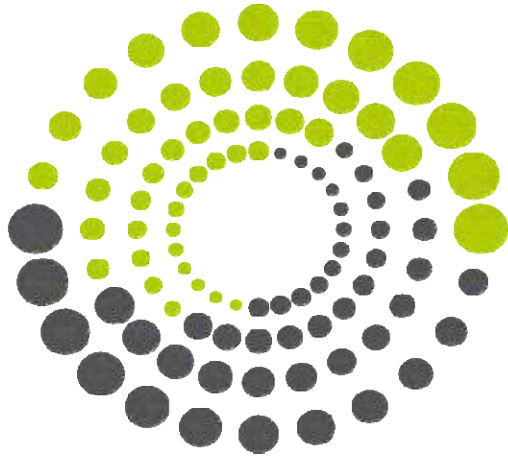
Co-ordinates: $51^{\circ} 27' 22.16''\text{N}, 0^{\circ} 57' 29.23''\text{W}$

Postcode: RG1 3DH

Times: 0700-1000
1600-1900



18006 Gas Works, Reading SITE03 Junction Count Wednesday 4th July 2018/Counts



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE03 – Kenavon Drive/ Gas Works Road

Client: Stuart Michaels

Date: 04/07/2018

Weather: Sunny, Dry

Comments: None

Advanced Transport Research	Job Number & Name:	18006 Gas Works, Reading
SITE03 - Kenavon Drive/ Gas Works Road	Date:	Wednesday 04 Jul 2018

Job Type:	Queue Lengths		
Co-ordinates:	51° 27' 22.16"N, 0° 57' 29.23"W	Postcode:	RG1 3DH
		Times:	0700-1000 1600-1900

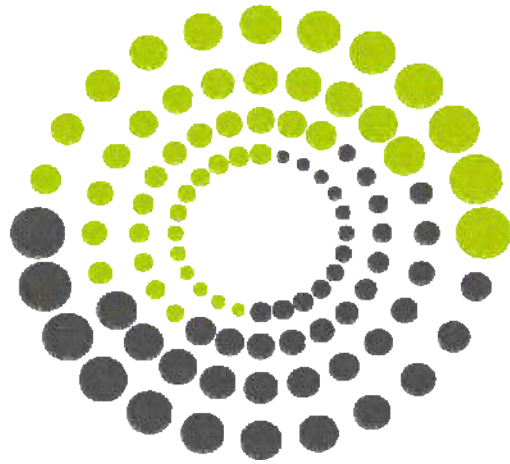


Advanced Transport Research	Job Number & Name:	18006 Gas Works, Reading
SITE03 – Kenavon Drive/ Gas Works Road	Client:	Stuart Michaels
Queue Lengths	Date:	Wednesday 04 July 2018

Count in vehicles Lane 1 = Nearest Kerb

	Kenavon Drive Right Turn		Gas Works Road	
Times	Lane 1		Lane 1	
07:00 – 07:15	0		0	
07:15 – 07:30	0		0	
07:30 – 07:45	0		0	
07:45 – 08:00	0		0	
08:00 – 08:15	0		0	
08:15 – 08:30	0		0	
08:30 – 08:45	0		0	
08:45 – 09:00	0		0	
09:00 – 09:15	0		0	
09:15 – 09:30	0		1	
09:30 – 09:45	2		0	
09:45 – 10:00	0		0	

16:00 – 16:15	0		1	
16:15 – 16:30	0		1	
16:30 – 16:45	0		0	
16:45 – 17:00	0		0	
17:00 – 17:15	0		1	
17:15 – 17:30	0		0	
17:30 – 17:45	0		0	
17:45 – 18:00	0		0	
18:00 – 18:15	0		1	
18:15 – 18:30	0		0	
18:30 – 18:45	1		0	
18:45 – 19:00	0		0	



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE04 - Oscar Wilde Road/ Kennet Walk/ Kenavon Drive

Client: Stuart Michaels

Date: 04/07/2018

Weather: Sunny, Dry

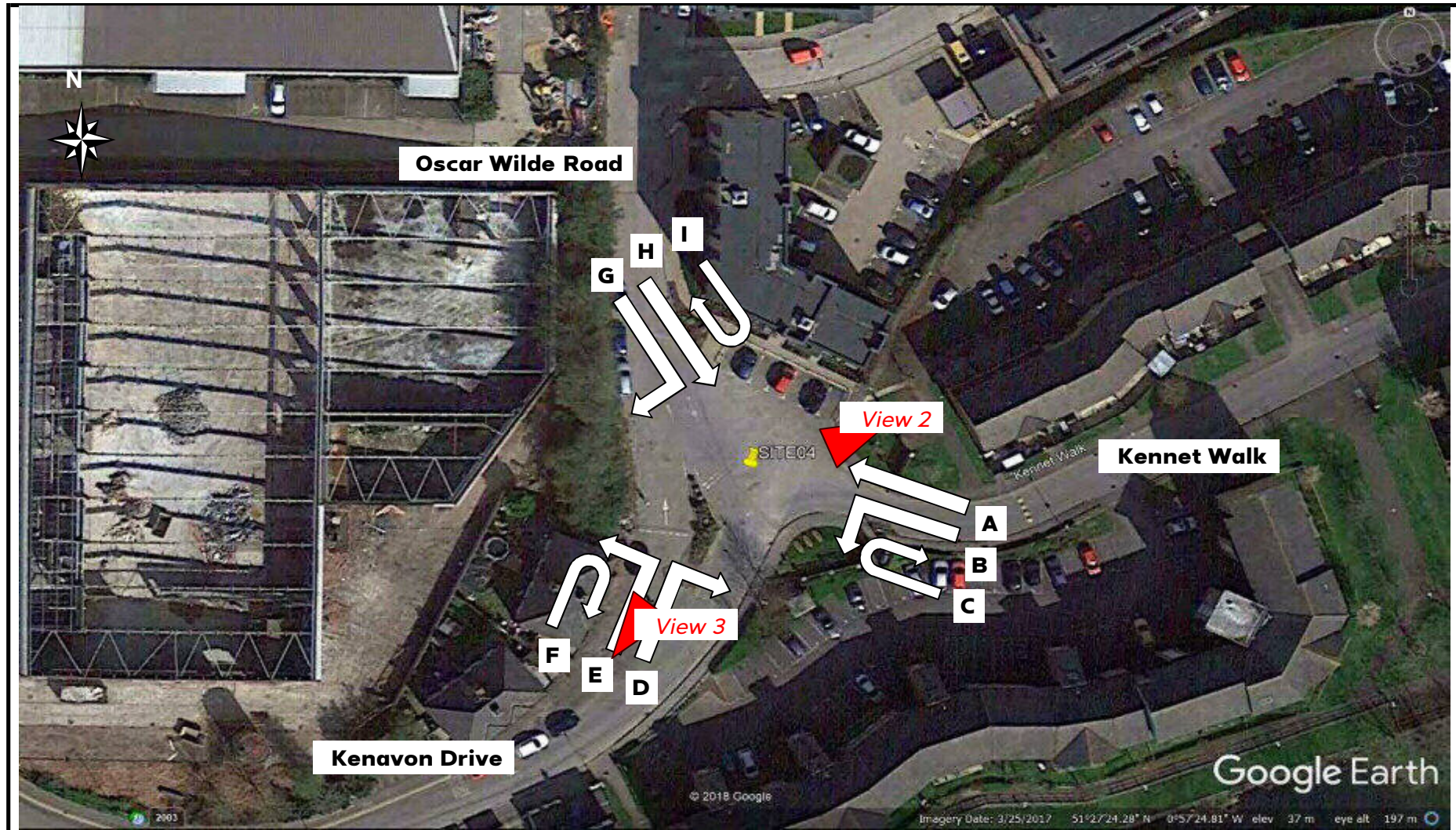
Comments: None

Job Type: Junction Count

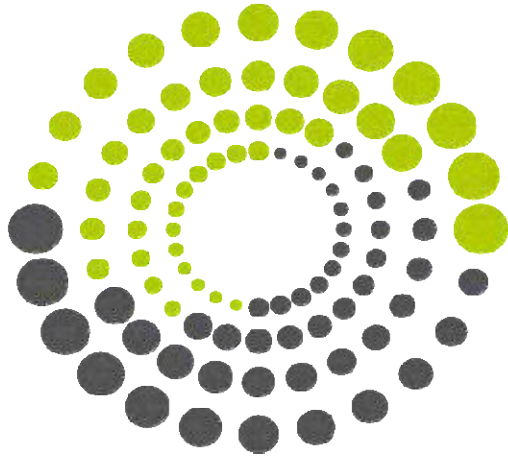
Co-ordinates: 51° 27' 24.01"N, 0° 57' 24.70"W

Postcode: RG1 3GF

Times: 0700-1000
1600-1900



[illegible][illegible]



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE04 - Oscar Wilde Road/ Kennet Walk/ Kenavon Drive

Client: Stuart Michaels

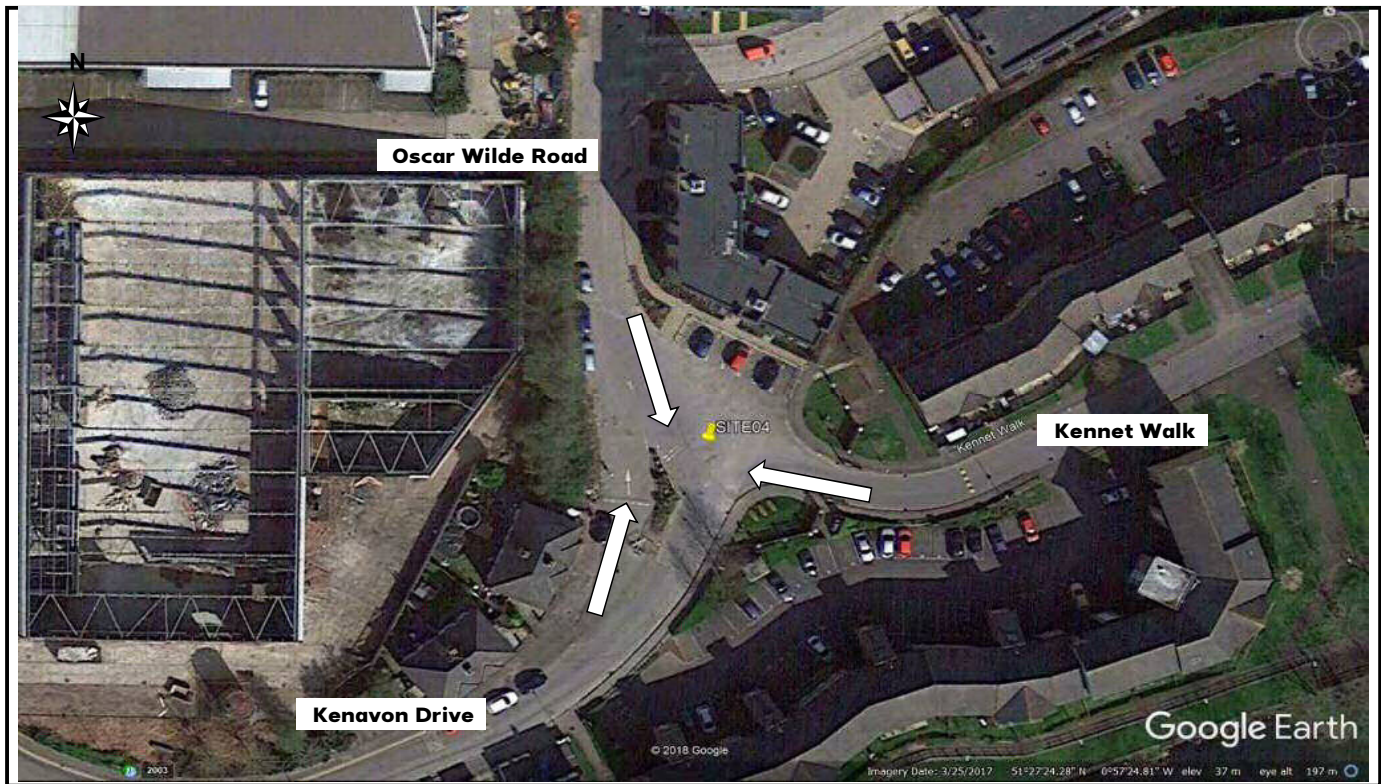
Date: 04/07/2018

Weather: Sunny, Dry

Comments: None

Advanced Transport Research	Job Number & Name:	18006 Gas Works, Reading
SITE04 - Oscar Wilde Road/ Kennet Walk/ Kenavon Drive	Date:	Wednesday 04 Jul 2018

Job Type:	Queue Lengths		
Co-ordinates:	51° 27' 24.01"N, 0° 57' 24.70"W	Postcode:	RG1 3GF
		Times:	0700-1000 1600-1900

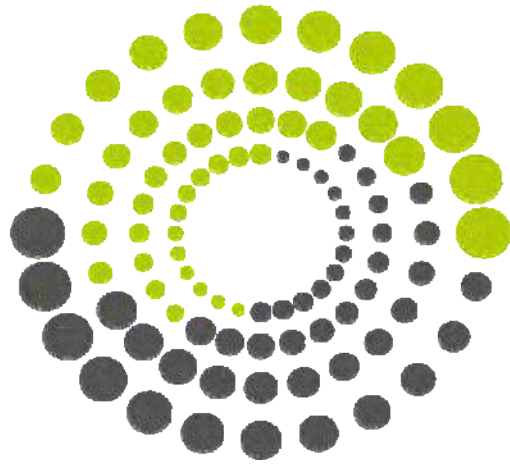


Advanced Transport Research	Job Number & Name:	18006 Gas Works, Reading
SITE04 - Oscar Wilde Road/ Kennet Walk/ Kenavon Drive	Client:	Stuart Michaels
Queue Lengths	Date:	Wednesday 04 July 2018

Count in vehicles Lane 1 = Nearest Kerb

	Oscar Wilde Road		Kennet Walk		Kenavon Drive	
Times	Lane 1		Lane 1		Lane 1	
07:00 - 07:15	0		0		0	
07:15 - 07:30	0		0		1	
07:30 - 07:45	0		0		0	
07:45 - 08:00	0		0		0	
08:00 - 08:15	0		0		0	
08:15 - 08:30	0		1		0	
08:30 - 08:45	0		0		0	
08:45 - 09:00	0		0		0	
09:00 - 09:15	0		0		0	
09:15 - 09:30	0		0		0	
09:30 - 09:45	0		0		0	
09:45 - 10:00	0		0		0	

16:00 - 16:15	0		0		0	
16:15 - 16:30	0		0		0	
16:30 - 16:45	0		1		0	
16:45 - 17:00	0		0		0	
17:00 - 17:15	0		0		0	
17:15 - 17:30	1		1		0	
17:30 - 17:45	0		0		0	
17:45 - 18:00	0		0		0	
18:00 - 18:15	0		0		0	
18:15 - 18:30	0		0		0	
18:30 - 18:45	0		0		0	
18:45 - 19:00	0		0		0	



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

Site Number/Name: SITE05 – A329/ Orts Road/ Queen's Road

Client: Stuart Michael

Date: 04/07/2018

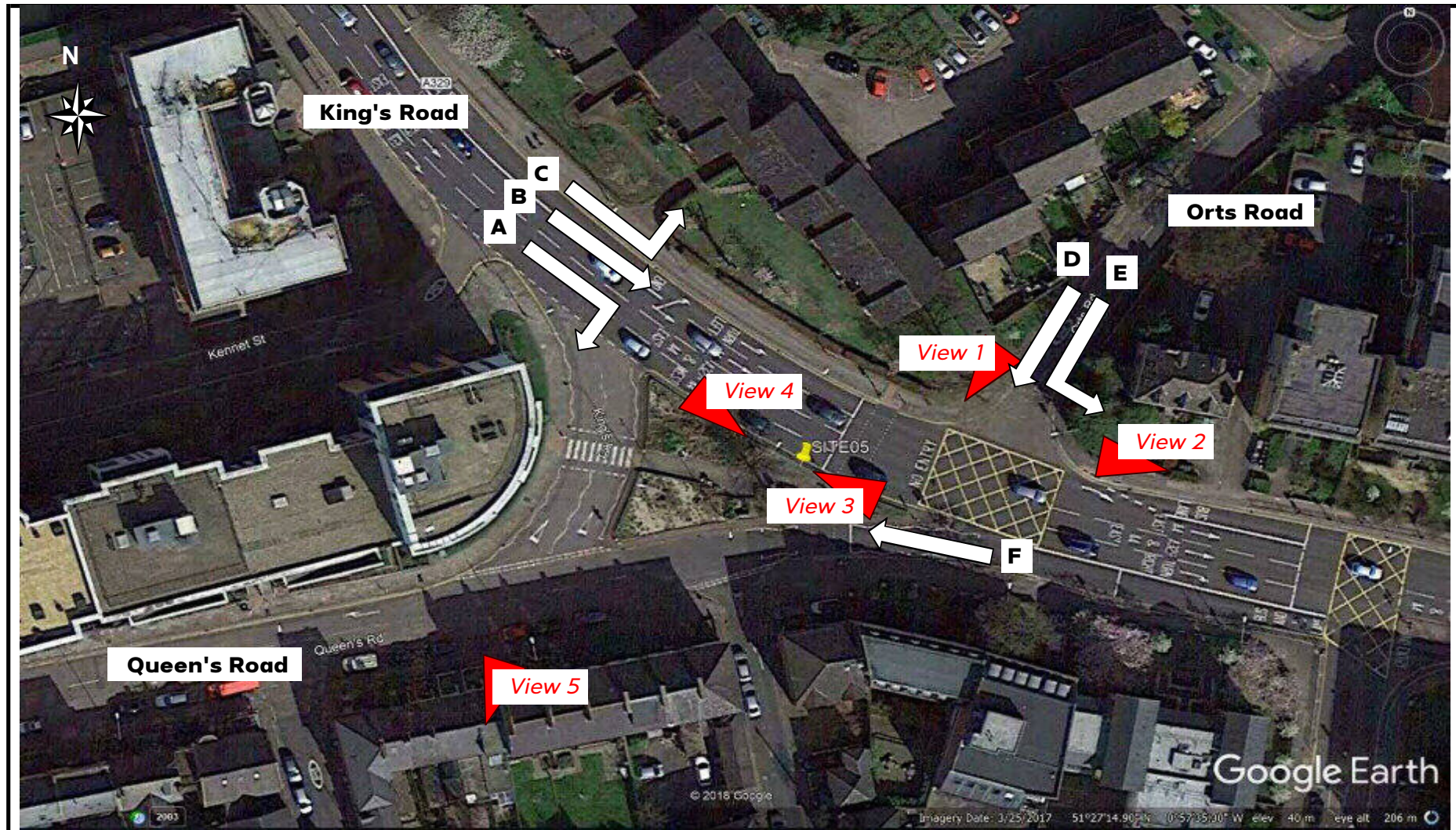
Weather: Sunny, Dry

Comments: None

Job Type: Junction Count

Co-ordinates: $51^{\circ} 27' 14.65''\text{N}$, $0^{\circ} 57' 34.82''\text{W}$

Postcode: RG1 4DA

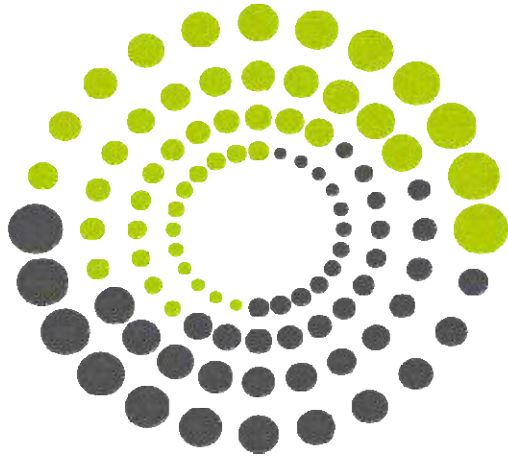
Times: 0700-1000
1600-1900

Advanced Transport Research	Job Number & Name:	18006 Gas Works, Reading
SITE05 - A329/ Orts Road/ Queen's Road	Client:	Stuart Michael
Classified Counts	Date:	Wednesday 04 July 2018

	Movement A							Movement B							Movement C							Movement D							Movement E							Movement F							
Times	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	
07:00 - 07:15	25	3	1	0	0	1	0	366	62	6	1	8	8	6	7	2	0	0	0	0	0	3	0	0	0	0	0	0	2	1	0	0	0	0	0	16	0	0	0	8	3	11	
07:15 - 07:30	42	9	1	0	0	0	0	413	47	10	2	13	7	7	7	2	0	0	0	0	0	3	0	0	0	0	0	0	2	2	0	0	0	0	0	11	0	0	0	7	5	13	
07:30 - 07:45	41	5	3	0	0	0	0	368	55	4	2	11	3	15	7	2	0	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	1	12	0	0	0	7	7	10	
07:45 - 08:00	52	6	0	0	0	1	0	366	49	8	0	10	9	9	19	1	0	0	0	0	0	2	6	1	0	0	0	0	4	0	0	0	0	0	0	16	0	0	0	12	10	13	
08:00 - 08:15	40	4	1	1	0	1	2	361	45	4	0	10	3	3	13	3	1	0	0	0	0	1	3	0	1	0	0	0	2	0	0	0	0	0	0	21	1	0	0	12	3	16	
08:15 - 08:30	72	8	1	0	0	0	0	352	35	7	1	12	7	7	17	2	0	0	0	0	0	3	2	0	0	0	1	0	2	2	1	0	0	0	0	29	0	0	0	10	9	12	
08:30 - 08:45	56	7	2	0	0	2	1	325	34	7	1	14	3	4	17	0	0	0	0	0	1	1	6	0	0	0	0	0	1	0	0	0	0	0	1	22	0	0	0	9	9	14	
08:45 - 09:00	50	12	1	1	0	1	1	302	38	11	1	10	5	5	10	1	0	0	0	0	0	1	4	0	0	0	0	0	1	3	1	0	0	0	0	1	26	1	0	0	7	13	8
09:00 - 09:15	45	9	2	0	0	0	1	308	43	7	2	11	2	7	4	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1	0	0	0	0	0	0	27	0	0	0	8	3	14
09:15 - 09:30	49	6	4	1	0	0	1	324	47	6	5	12	1	1	11	1	0	0	0	0	0	6	1	0	0	0	0	1	1	1	0	0	0	0	0	24	0	0	0	16	4	3	
09:30 - 09:45	43	11	2	0	0	0	0	299	35	6	2	14	3	3	5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	9	7	5	
09:45 - 10:00	44	10	5	1	0	1	0	308	58	14	4	14	1	3	7	3	0	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	0	0	0	25	0	0	0	9	1	10	

16:00 - 16:15	62	5	1	0	0	3	1	381	48	3	2	12	7	5	7	0	0	0	0	0	0	10	1	0	0	0	0	0	1	0	0	0	0	0	1	27	0	0	0	6	2	3
16:15 - 16:30	58	5	0	1	0	2	2	389	36	7	0	7	9	9	1	0	0	0	0	0	0	1	8	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	11	6	7
16:30 - 16:45	56	12	0	0	0	2	1	412	45	4	1	10	10	19	8	3	0	0	0	0	0	8	0	0	0	0	0	0	4	0	0	0	0	0	0	22	0	0	0	6	6	5
16:45 - 17:00	51	5	2	0	0	3	0	406	33	1	1	12	4	12	3	2	0	0	0	0	0	1	14	1	0	0	0	1	0	1	0	0	0	0	0	18	0	0	0	11	5	5
17:00 - 17:15	49	4	2	0	0	2	1	349	19	2	0	13	12	17	5	0	0	0	0	0	0	18	0	0	0	0	0	0	2	1	0	0	0	0	0	18	0	0	0	8	6	2
17:15 - 17:30	46	3	1	0	0	1	3	391	25	1	2	9	16	18	11	0	0	0	0	0	0	1	4	1	0	0	0	0	1	3	0	0	0	0	0	18	1	0	0	7	5	7
17:30 - 17:45	54	4	0	0	0	1	1	363	13	1	1	11	16	21	4	0	0	0	0	0	1	1	6	0	0	0	0	0	3	0	0	0	0	0	1	21	1	0	0	9	5	4
17:45 - 18:00	50	2	0	2	0	1	2	399	21	2	0	13	12	18	9	2	0	0	0	0	0	2	6	0	0	0	0	0	2	0	0	0	0	0	1	15	1	0	0	9	4	6
18:00 - 18:15	49	4	1	0	0	1	1	395	22	3	1	11	16	10	4	2	0	0	0	0	1	1	2	0	0	0	0	0	1	1	0	0	0	0	0	18	0	0	0	8	8	3
18:15 - 18:30	59	5	0	0	0	2	0	430	25	1	1	12	7	14	13	2	0	0	0	0	0	4	3	0	0	0	0	0	3	0	0	0	0	0	1	22	0	0	0	12	7	10
18:30 - 18:45	53	2	0	0	0	1	1	389	22	1	1	14	12	7	2	0	0	0	0	0	0	1	7	0	0	0	0	0	2	0	0	0	0	0	0	20	0	0	0	9	8	2
18:45 - 19:00	47	5	0	0	0	0	0	102	28	3	1	9	9	9	3	1	0	0	0	0	1	0	3	0	0	0	0	1	1	0	1	0	0	0	0	17	0	0	0	6	8	5

07:00 - 08:00	160	23	5	0	0	2	0	1513	213	28	5	42	27	37	40	7	0	0	0	0	0	2	13	1	0	0	0	0	0	11	3	0	0	0	0	1	55	0	0	0	34	25	47	
07:15 - 08:15	175	24	5	1	0	2	2	1508	196	26	4	44	22	34	46	8	1	0	0	0	0	3	13	1	1	0	0	0	0	11	2	0	0	0	0	1	60	1	0	0	38	25	52	
07:30 - 08:30	205	23	5	1	0	2	2	1447	184	23	3	43	22	34	56	8	1	0	0	0	0	3	13	3	1	0	0	1	0	11	2	1	0	0	0	1	78	1	0	0	41	29	51	
07:45 - 08:45	220	25	4	1	0	4	3	1404	163	26	2	46	22	23	66	6	1	0	0	0	1	4	18	3	1	0	0	1	0	9	2	1	0	0	0	1	88	1	0	0	43	31	55	
08:00 - 09:00	218	31	5	2	0	4	4	1340	152	29	3	46	18	19	57	6	1	0	0	0	1	3	16	2	1	0	0	1	1	8	3	1	0	0	0	2	98	2	0	0	38	34	50	
08:15 - 09:15	223	36	6	1	0	3	3	1287	150	32	5	47	17	23	48	3	0	0	0	0	1	2	19	3	0	0	0	1	1	6	4	1	0	0	0	2	104	1	0	0	34	34	48	
08:30 - 09:30	200	34	9	2	0	3	4	1259	162	31	9	47	11	17	42	2	0	0	0	0	1	2	22	2	0	0	0	0	2	5	3	0	0	0	0	2	99	1	0	0	40	29	39	
08:45 - 09:45	187	38	9	2	0	1	3	1233	163	30	10	47	11	16	30	3	0	0	0	0	0	1	17	2	0	0	0	0	0	4	3	0	0	0	0	1	97	1	0	0	40	27	30	
09:00 - 10:00	181	36	13	2	0	1	2	1239	183	33	13	51	7	14	27	5	0	0	0	0	0	0	15	4	0	0	0	0	1	2	2	0	0	0	0	0	96	0	0	0	42	15	32	
16:00 - 17:00	227	27	3	1	0	10	4	1588	162	15	4	41	30	45	19	5	0	0	0	0	0	2	40	2	0	0	0	1	0	6	0	0	0	0	0	1	84	0	0	0	34	19	20	
16:15 - 17:15	214	26	4	1	0	9	4	1556	133	14	2	42	35	57	17	5	0	0	0	0	0	2	48	1	0	0	0	0	1	0	7	1	0	0	0	0	75	0	0	0	36	23	19	
16:30 - 17:30	202	24	5	0	0	8	5	1558	122	8	4	44	42	66	27	5	0	0	0	0	0	2	44	2	0	0	0	0	1	1	10	1	0	0	0	0	0	76	1	0	0	32	22	19
16:45 - 17:45	200	16	5	0	0	7	5	1509	90	5	4	45	48	68	23	2	0	0	0	0	1	3	42	2	0	0	0	0	1	1	9	1	0	0	0	0	1	75	2	0	0	35	21	18
17:00 - 18:00	199	13	3	2	0	5	7	1502	78	6	3	46	56	74	29	2	0	0	0	0	1	4	34	1	0	0	0	0	1	10	1	0	0	0	0	2	72	3	0	0	33	20	19	
17:15 - 18:15	199	13	2	2	0	4	7	1548	81	7	4	44	60	67	28	4	0	0	0	0	2	5	18	1	0	0	0	0	1	9	1	0	0	0	0	2	72	3	0	0	33	22	20	
17:30 - 18:30	212	15	1	2	0	5	4	1587	81	7	3	47	51	63	30	6	0	0	0	0	2	8	17	0	0	0	0	0	0	9	1	0	0	0	0	3	76	2	0	0	38	24	23	
17:45 - 18:45	211	13	1	2	0	5	4	1613	90	7	3	50	47	49	28	6	0	0	0	0	1	8	18	0	0	0	0	0	0	8	1	0	0	0	0	2	75	1	0	0	38	27	21	
18:00 - 19:00	208	16	1	0	0	4	2	1316	97	8	4	46	44	40	22	5	0	0	0	0	2	6	15	0	0	0	0	1	1	6	2	0	0	0	0	1	77	0	0	0	35	31	20	



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18006 Gas Works, Reading

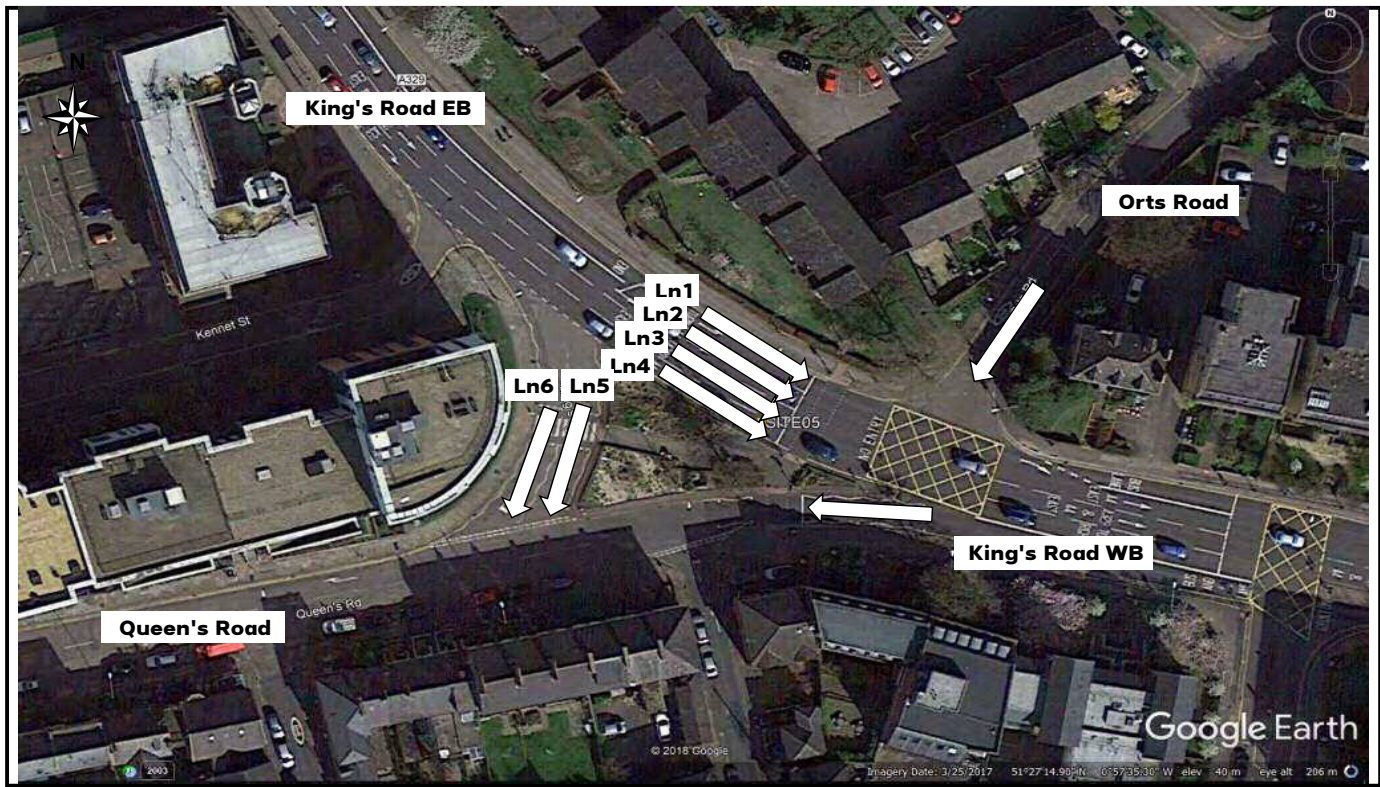
Site Number/Name: SITE05 - A329/ Orts Road/ Queen's Road

Client: Stuart Michael

Date: 04/07/2018

Weather: Sunny, Dry

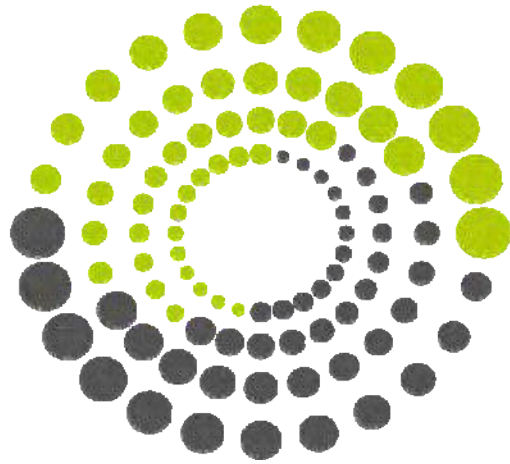
Comments: None



Count in vehicles Lane 1 = Nearest Kerb

	Orts Road		King's Road WB		King's Road EB					
Times	Lane 1		Lane 1		Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6
07:00 - 07:15	1		6		4	14	11	10	1	1
07:15 - 07:30	1		0		2	17	15	10	2	1
07:30 - 07:45	2		0		1	21	23	16	4	1
07:45 - 08:00	2		3		2	20	17	10	5	1
08:00 - 08:15	2		0		4	10	15	15	2	1
08:15 - 08:30	3		5		4	16	11	16	6	1
08:30 - 08:45	1		3		3	17	10	9	4	2
08:45 - 09:00	1		2		4	9	8	6	2	2
09:00 - 09:15	2		1		2	8	16	9	2	1
09:15 - 09:30	2		2		3	9	10	6	3	2
09:30 - 09:45	1		0		2	13	8	4	3	1
09:45 - 10:00	3		0		4	10	7	10	2	1

16:00 - 16:15	4		4		2	12	12	15	2	2
16:15 - 16:30	3		2		2	23	23	13	3	2
16:30 - 16:45	3		1		1	24	23	5	2	0
16:45 - 17:00	4		0		3	24	23	15	2	0
17:00 - 17:15	4		3		1	23	23	6	2	1
17:15 - 17:30	3		3		1	23	23	6	2	0
17:30 - 17:45	1		0		1	24	23	5	1	1
17:45 - 18:00	1		0		1	22	23	7	1	0
18:00 - 18:15	3		7		2	24	23	3	4	1
18:15 - 18:30	1		1		4	24	23	4	4	3
18:30 - 18:45	2		2		4	1	1	2	4	2
18:45 - 19:00	1		1		4	7	2	3	2	2



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18722 Gas Works, Reading

Site Number/Name: JCT01 – Vastern Road/ Forbury Road

Client: Stuart Michael Associates

Date: 18/09/2018

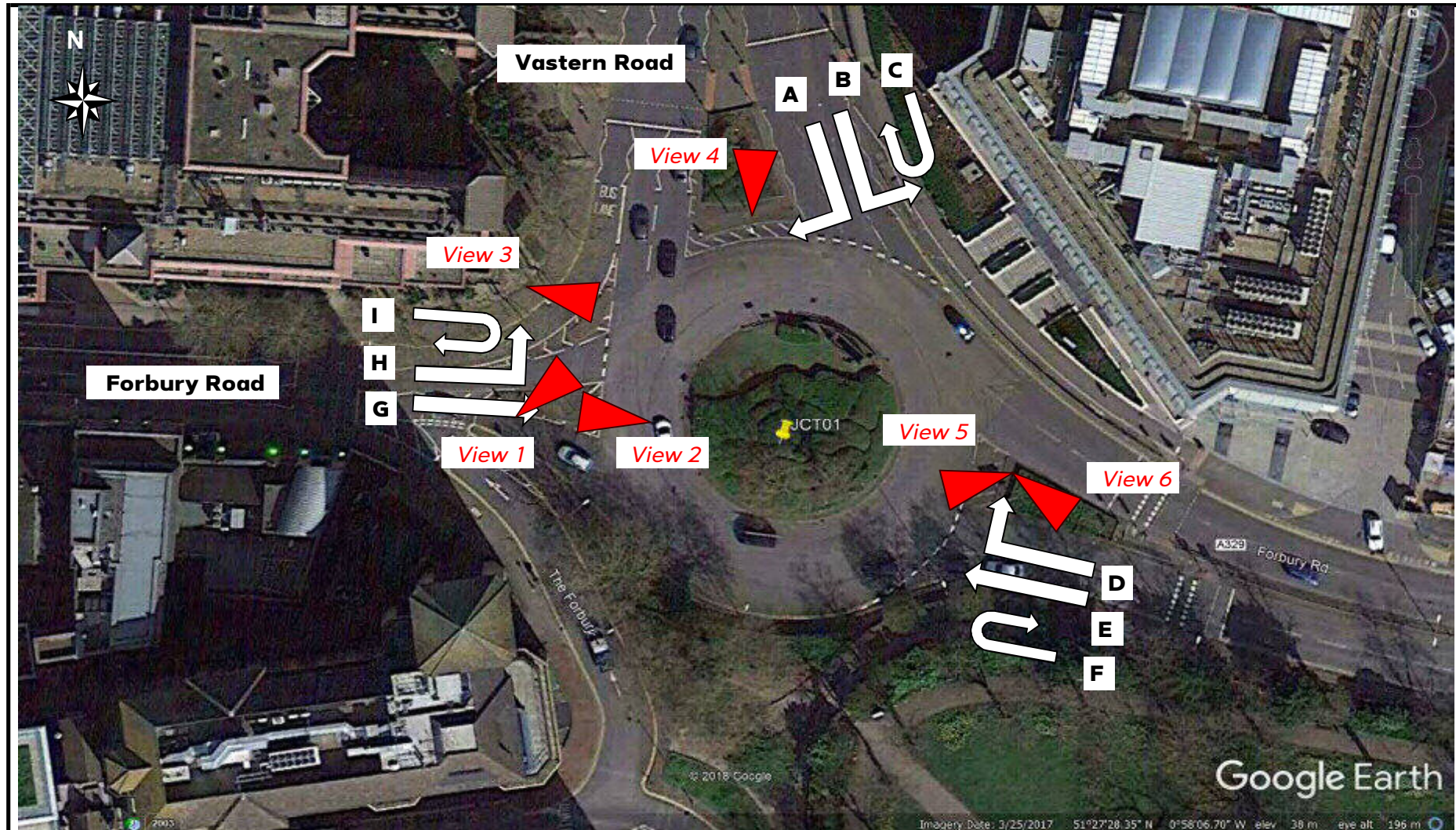
Weather: Cloudy, Dry

Comments: None

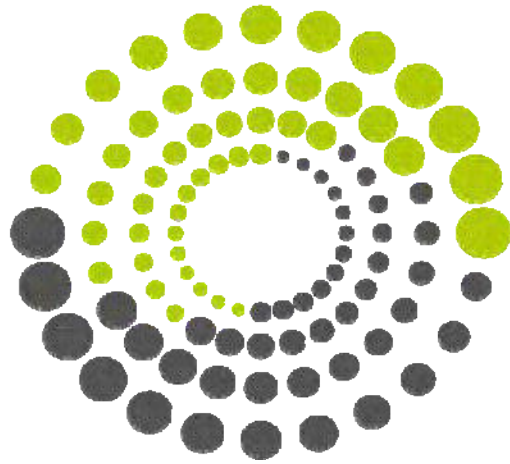
Job Type: Junction Count

Co-ordinates: 51° 27' 28.23"N, 0° 58' 6.38"W

Postcode: RG1 1QH

Times: 0700-1000
1600-1900

[illegible][illegible]



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18722 Gas Works, Reading

Site Number/Name: JCT02 – Forbury Road/ King's Road/ Watlington
Street

Client: Stuart Michael Associates

Date: 18/09/2018

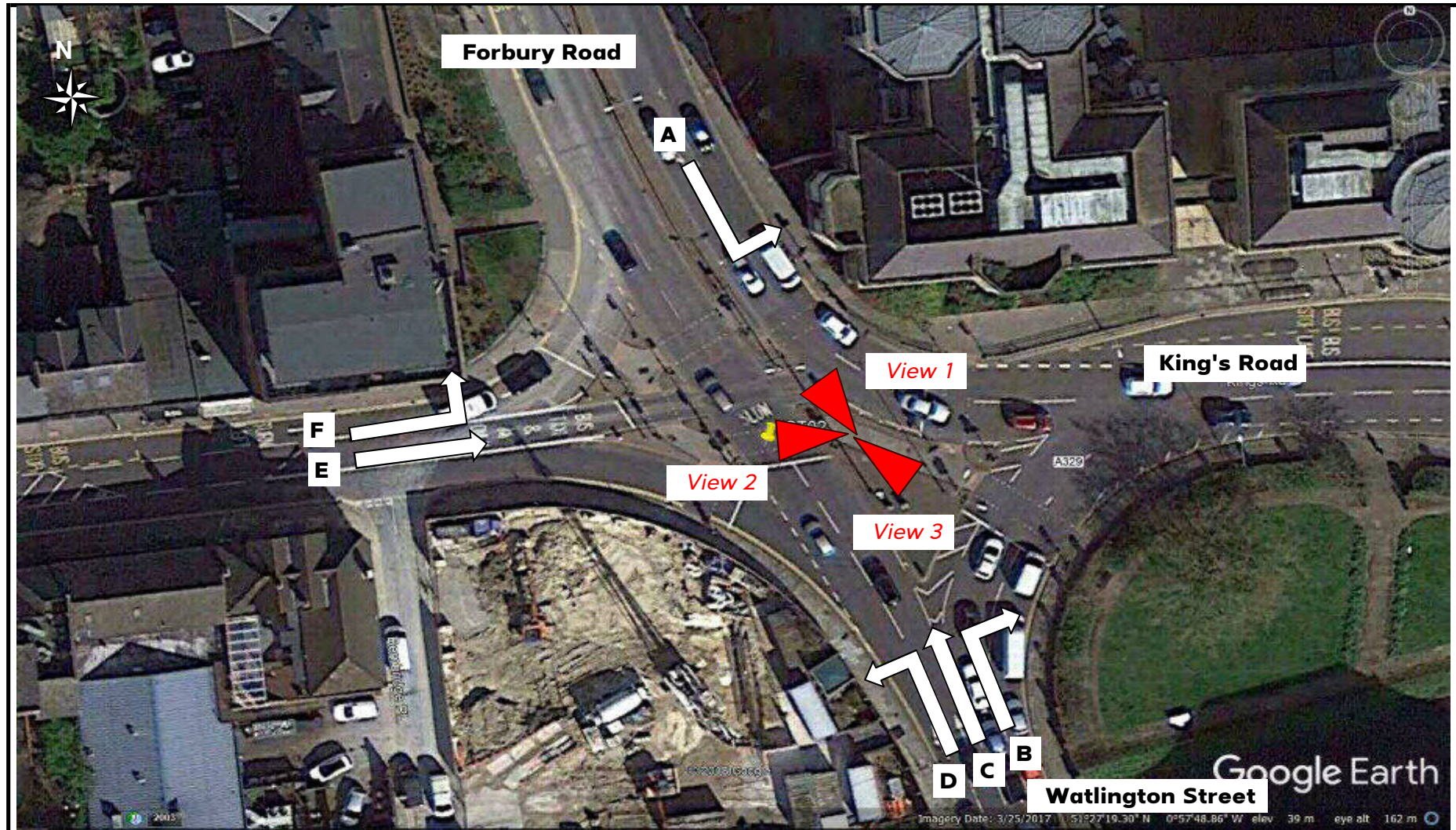
Weather: cloudy, Dry

Comments: None

Job Type: Junction Count

Co-ordinates: $51^{\circ} 27' 17.80''\text{N}$, $0^{\circ} 57' 45.10''\text{W}$

Postcode: RG1 3DD

Times: 0700-1000
1600-1900

Times	Movement A							Movement B							Movement C							Movement D							Movement E							Movement F						
	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc
07:00 – 07:15	196	25	2	0	1	3	2	216	33	10	1	0	3	0	118	27	6	0	6	3	6	31	9	1	0	2	0	3	1	0	0	0	7	0	2	14	1	0	0	1	0	0
07:15 – 07:30	245	30	7	2	1	5	3	235	38	2	1	0	4	1	152	25	1	0	3	4	8	39	4	3	0	3	2	4	2	1	0	0	12	0	6	11	2	1	0	0	0	0
07:30 – 07:45	226	18	2	1	1	2	5	254	28	5	1	0	2	2	138	20	4	0	4	5	11	39	9	0	0	4	1	9	5	0	0	0	10	0	6	16	2	0	0	1	0	0
07:45 – 08:00	259	26	5	0	0	4	7	238	24	3	1	0	6	0	153	19	1	0	5	4	16	47	7	0	1	5	2	13	6	1	0	0	9	0	3	14	1	1	0	0	0	3
08:00 – 08:15	235	31	6	0	0	6	6	191	19	6	0	0	3	0	159	11	3	1	6	6	14	44	3	2	0	1	1	12	7	1	0	0	10	0	8	11	5	2	0	1	0	0
08:15 – 08:30	155	21	5	1	0	3	3	202	21	5	2	0	4	3	141	7	1	2	7	7	10	45	9	2	0	4	4	7	5	0	0	0	12	0	12	7	1	0	0	1	0	0
08:30 – 08:45	187	26	7	1	0	3	1	172	16	2	1	0	2	1	158	12	1	1	7	5	12	67	8	0	0	3	2	9	6	0	0	0	7	0	11	13	2	1	0	0	0	1
08:45 – 09:00	225	29	7	2	0	6	6	212	18	4	2	0	8	2	134	8	3	0	3	8	13	69	6	3	0	5	0	8	6	1	0	0	15	0	8	24	3	0	0	0	0	1
09:00 – 09:15	169	21	5	2	1	4	3	202	28	10	0	2	1	1	154	15	4	0	4	3	9	67	12	1	0	4	3	11	4	1	0	0	11	0	6	5	5	0	0	1	0	1
09:15 – 09:30	186	32	6	3	0	0	2	188	24	6	1	0	1	0	116	10	3	1	10	1	7	52	17	1	0	4	2	4	6	0	0	0	11	0	4	14	5	1	1	0	0	1
09:30 – 09:45	161	32	6	0	0	0	1	179	32	2	5	0	1	0	145	12	4	2	5	4	7	44	5	1	1	4	1	0	4	0	0	0	12	0	5	11	7	1	0	0	0	0
09:45 – 10:00	171	26	1	1	2	2	1	167	32	5	1	0	0	0	150	13	8	2	5	3	2	36	16	3	0	4	0	1	2	0	0	0	9	0	4	15	6	0	0	1	0	0

16:00 – 16:15	196	37	1	1	1	7	5	228	23	3	0	2	2	0	151	15	0	1	6	4	2	15	8	0	0	2	1	2	3	0	0	0	9	0	4	36	4	0	0	1	0	0
16:15 – 16:30	228	40	4	1	2	4	1	230	22	5	0	0	7	1	134	17	0	1	5	4	4	21	8	0	0	3	0	7	3	0	0	0	10	2	1	24	7	0	0	0	1	0
16:30 – 16:45	246	27	4	0	0	4	1	188	21	3	1	0	4	0	111	7	0	1	3	1	8	18	1	0	0	5	2	5	0	0	0	0	9	2	9	36	5	0	0	0	0	0
16:45 – 17:00	229	16	1	0	1	3	2	210	25	2	0	0	4	0	141	7	1	0	4	3	4	23	5	0	0	4	1	4	2	1	0	0	11	1	3	34	5	1	0	1	0	1
17:00 – 17:15	187	15	1	1	0	6	4	148	18	0	0	0	7	1	110	8	0	0	6	7	12	22	6	0	0	4	2	4	4	1	0	0	11	1	13	63	5	0	0	1	0	0
17:15 – 17:30	245	23	2	0	0	5	6	201	12	2	0	0	3	0	139	9	0	0	2	1	9	20	4	0	0	5	1	10	13	0	0	0	10	3	11	27	5	0	0	0	1	0
17:30 – 17:45	254	12	2	1	2	8	9	211	10	1	1	0	4	0	138	4	0	0	6	5	10	22	4	0	0	3	2	5	7	0	0	0	10	3	13	49	3	0	0	1	3	1
17:45 – 18:00	217	9	0	0	0	5	7	265	15	2	0	0	5	2	151	11	0	0	6	6	2	32	2	0	0	4	0	5	7	2	0	0	10	2	13	39	2	0	0	0	0	0
18:00 – 18:15	223	10	1	0	0	6	10	201	13	0	1	0	1	2	165	10	0	1	6	4	10	32	0	0	0	2	1	8	11	0	0	0	9	2	14	39	0	0	0	1	0	0
18:15 – 18:30	226	12	1	1	0	9	4	208	20	2	0	0	5	2	161	13	0	1	5	8	7	43	0	0	0	5	1	4	3	0	0	0	10	0	11	40	6	0	0	1	0	0
18:30 – 18:45	197	14	0	1	2	3	1	228	17	1	0	0	4	1	156	9	0	0	5	3	1	25	3	0	0	4	3	3	7	0	0	0	15	0	14	28	1	0	0	0	0	0
18:45 – 19:00	228	16	0	1	1	4	4	192	18	2	0	0	5	0	164	8	1	1	3	7	5	39	2	0	0	3	0	4	2	0	0	0	8	2	6	29	0	0	0	1	0	0

07:00 - 08:00	926	99	16	3	3	14	17	943	123	20	4	0	15	3	561	91	12	0	18	16	41	156	29	4	1	14	5	29	14	2	0	0	38	0	17	55	6	2	0	2	0	3
07:15 - 08:15	965	105	20	3	2	17	21	918	109	16	3	0	15	3	602	75	9	1	18	19	49	169	23	5	1	13	6	38	20	3	0	0	41	0	23	52	10	4	0	2	0	3
07:30 - 08:30	875	96	18	2	1	15	21	885	92	19	4	0	15	5	591	57	9	3	22	22	51	175	28	4	1	14	8	41	23	2	0	0	41	0	29	48	9	3	0	3	0	3
07:45 - 08:45	836	104	23	2	0	16	17	803	80	16	4	0	15	4	611	49	6	4	25	22	52	203	27	4	1	13	9	41	24	2	0	0	38	0	34	45	9	4	0	2	0	4
08:00 - 09:00	802	107	25	4	0	18	16	777	74	17	5	0	17	6	592	38	8	4	23	26	49	225	26	7	0	13	7	36	24	2	0	0	44	0	39	55	11	3	0	2	0	2
08:15 - 09:15	736	97	24	6	1	16	13	788	83	21	5	2	15	7	587	42	9	3	21	23	44	248	35	6	0	16	9	35	21	2	0	0	45	0	37	49	11	1	0	2	0	3
08:30 - 09:30	767	108	25	8	1	13	12	774	86	22	4	2	12	4	562	45	11	2	24	17	41	255	43	5	0	16	7	32	22	2	0	0	44	0	29	56	15	2	1	1	0	4
08:45 - 09:45	741	114	24	7	1	10	12	781	102	22	8	2	11	3	549	45	14	3	22	16	36	232	40	6	1	17	6	23	20	2	0	0	49	0	23	54	20	2	1	1	0	3
09:00 - 10:00	687	111	18	6	3	6	7	736	116	23	7	2	3	1	565	50	19	5	24	11	25	199	50	6	1	16	6	16	16	1	0	0	43	0	19	45	23	2	1	2	0	2
16:00 - 17:00	899	120	10	2	4	18	9	856	91	13	1	2	17	1	537	46	1	3	18	12	18	77	22	0	0	14	4	18	8	1	0	0	39	5	17	130	21	1	0	2	1	1
16:15 - 17:15	890	98	10	2	3	17	8	776	86	10	1	0	22	2	496	39	1	2	18	15	28	84	20	0	0	16	5	20	9	2	0	0	41	6	26	157	22	1	0	2	1	1
16:30 - 17:30	907	81	8	1	1	18	13	747	76	7	1	0	18	1	501	31	1	1	15	12	33	83	16	0	0	18	6	23	19	2	0	0	41	7	36	160	20	1	0	2	1	1
16:45 - 17:45	915	66	6	2	3	22	21	770	65	5	1	0	18	1	528	28	1	0	18	16	35	87	19	0	0	16	6	23	26	2	0	0	42	8	40	173	18	1	0	3	4	2
17:00 - 18:00	903	59	5	2	2	24	26	825	55	5	1	0	19	3	538	32	0	0	20	19	33	96	16	0	0	16	5	24	31	3	0	0	41	9	50	178	15	0	0	2	4	1
17:15 - 18:15	939	54	5	1	2	24	32	878	50	5	2	0	13	4	593	34	0	1	20	16	31	106	10	0	0	14	4	28	38	2	0	0	39	10	51	154	10	0	0	2	4	1
17:30 - 18:30	920	43	4	2	2	28	30	885	58	5	2	0	15	6	615	38	0	2	23	23	29	129	6	0	0	14	4	22	28	2	0	0	39	7	51	167	11	0	0	3	3	1
17:45 - 18:45	863	45	2	2	2	23	22	902	65	5	1	0	15	7	633	43	0	2	22	21	20	132	5	0	0	15	5	20	28	2	0	0	44	4	52	146	9	0	0	2	0	0
18:00 - 19:00	874	52	2	3	3	22	19	829	68	5	1	0	15	5	646	40	1	3	19	22	23	139	5	0	0	14	5	19	23	2	0	0	42	4	45	136	7	0	0	3	0	0



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18722 Gas Works, Reading

Site Number/Name: JCT03 - Watlington Street/ Queen's Road

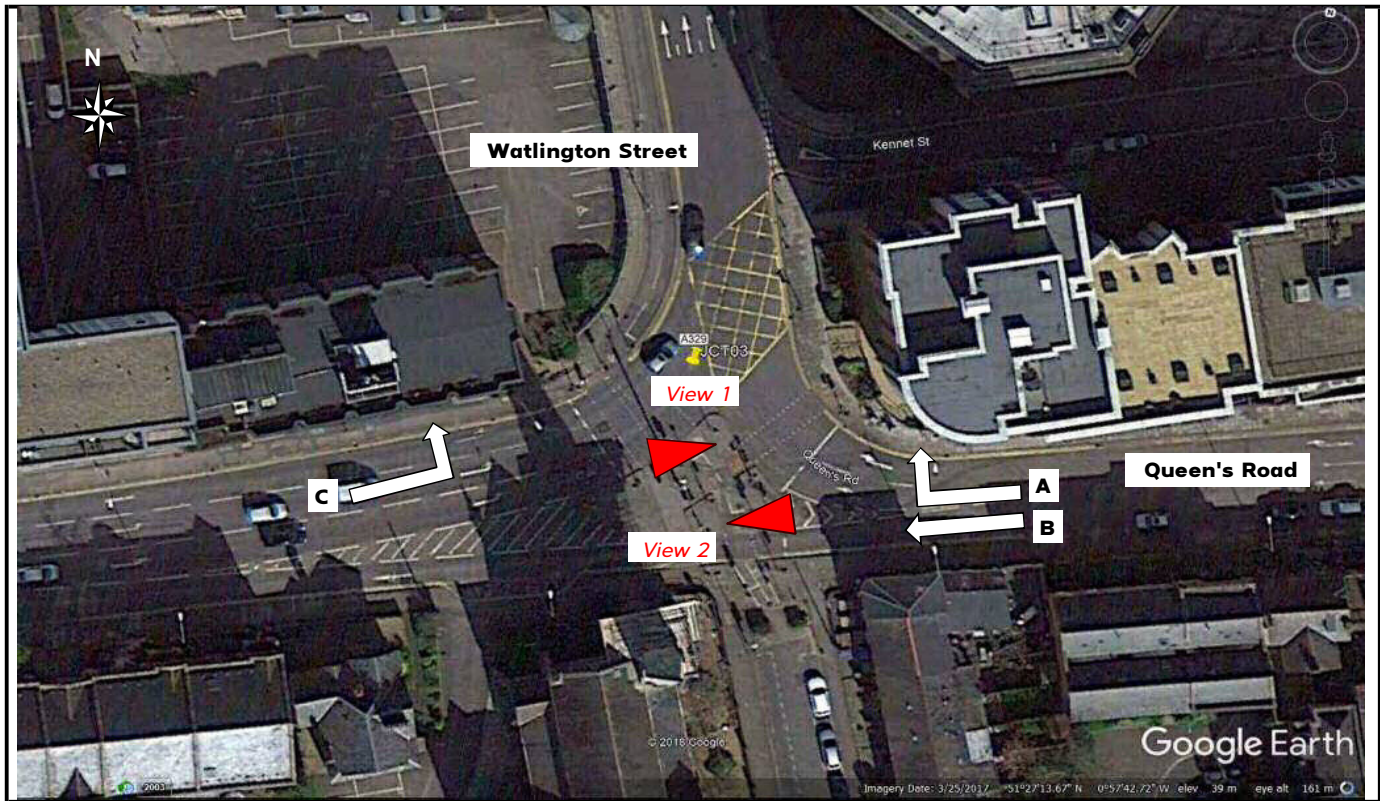
Client: Stuart Michael Associates

Date: 18/09/2018

Weather: **Cloudy, Dry**

Comments: None

Advanced Transport Research		Job Number & Name: 18722 Gas Works, Reading	
JCT03 - Watlington Street/ Queen's Road		Date: Tuesday 18 Sep 2018	
Job Type: Junction Count			
Co-ordinates:	51° 27' 13.77"N, 0° 57' 42.73"W	Postcode:	RG1 4DG
		Times:	0700-1000 1600-1900



Advanced Transport Research	Job Number & Name:	18722 Gas Works, Reading
JCT03 - Watlington Street/ Queen's Road	Client:	Stuart Michael Associates
Classified Counts	Date:	Tuesday 18 September 2018

	Movement A							Movement B							Movement C						
Times	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc
07:00 - 07:15	23	1	1	0	8	1	8	27	4	1	0	0	1	2	333	70	15	1	0	5	0
07:15 - 07:30	21	2	2	0	6	7	9	28	2	1	0	0	0	2	406	67	6	1	0	5	0
07:30 - 07:45	20	2	0	0	8	5	15	46	3	2	0	0	1	1	414	58	8	1	0	3	0
07:45 - 08:00	19	3	0	0	9	4	18	61	8	0	0	0	4	0	413	46	4	3	1	7	1
08:00 - 08:15	35	2	0	0	8	5	17	65	6	3	0	0	3	0	374	40	11	0	0	5	0
08:15 - 08:30	35	2	1	0	9	9	14	49	5	1	2	4	5	1	337	33	8	4	1	5	0
08:30 - 08:45	30	5	0	1	10	4	20	38	7	3	0	0	4	0	374	37	3	1	0	5	1
08:45 - 09:00	37	1	0	0	8	7	19	48	9	1	1	1	3	2	370	30	11	2	0	7	0
09:00 - 09:15	20	2	1	0	9	3	13	63	5	3	0	1	1	3	376	55	13	0	2	4	1
09:15 - 09:30	35	5	0	0	13	1	11	51	8	2	1	0	1	1	328	43	10	3	0	3	0
09:30 - 09:45	24	2	0	0	9	3	3	43	4	3	0	0	0	0	340	47	7	7	0	3	0
09:45 - 10:00	21	1	0	0	9	1	3	28	7	4	0	0	1	1	324	66	15	3	0	1	0

16:00 - 16:15	26	2	0	0	8	2	3	68	10	1	0	1	5	1	358	49	2	1	2	5	1
16:15 - 16:30	12	3	0	0	8	3	4	60	9	0	0	0	4	1	380	47	5	1	0	8	2
16:30 - 16:45	23	0	0	0	8	2	5	71	10	1	1	0	5	1	293	29	3	2	0	5	0
16:45 - 17:00	17	1	0	0	8	1	3	59	5	0	0	0	5	2	342	37	3	0	0	7	0
17:00 - 17:15	21	1	0	0	10	4	7	69	3	1	0	0	6	3	266	30	1	0	0	11	1
17:15 - 17:30	19	1	0	0	8	1	9	64	8	0	0	0	3	4	317	21	1	0	0	4	0
17:30 - 17:45	18	0	0	0	7	8	5	57	6	0	0	0	3	0	345	20	1	1	0	4	2
17:45 - 18:00	17	0	0	0	10	2	6	61	1	0	1	1	6	1	429	28	2	0	0	8	0
18:00 - 18:15	20	0	0	0	9	2	8	66	2	1	0	0	6	1	354	24	0	2	0	4	2
18:15 - 18:30	22	0	0	0	9	7	8	56	4	0	0	0	2	1	416	34	2	1	0	8	1
18:30 - 18:45	27	0	0	0	10	2	3	64	5	1	0	1	1	0	368	26	1	0	0	6	1
18:45 - 19:00	28	0	0	0	5	5	4	58	3	0	0	1	2	0	358	25	4	1	0	7	0

07:00 - 08:00	83	8	3	0	31	17	50	162	17	4	0	0	6	5	1566	241	33	6	1	20	1
07:15 - 08:15	95	9	2	0	31	21	59	200	19	6	0	0	8	3	1607	211	29	5	1	20	1
07:30 - 08:30	109	9	1	0	34	23	64	221	22	6	2	4	13	2	1538	177	31	8	2	20	1
07:45 - 08:45	119	12	1	1	36	22	69	213	26	7	2	4	16	1	1498	156	26	8	2	22	2
08:00 - 09:00	137	10	1	1	35	25	70	200	27	8	3	5	15	3	1455	140	33	7	1	22	1
08:15 - 09:15	122	10	2	1	36	23	66	198	26	8	3	6	13	6	1457	155	35	7	3	21	2
08:30 - 09:30	122	13	1	1	40	15	63	200	29	9	2	2	9	6	1448	165	37	6	2	19	2
08:45 - 09:45	116	10	1	0	39	14	46	205	26	9	2	2	5	6	1414	175	41	12	2	17	1
09:00 - 10:00	100	10	1	0	40	8	30	185	24	12	1	1	3	5	1368	211	45	13	2	11	1
16:00 - 17:00	78	6	0	0	32	8	15	258	34	2	1	1	19	5	1373	162	13	4	2	25	3
16:15 - 17:15	73	5	0	0	34	10	19	259	27	2	1	0	20	7	1281	143	12	3	0	31	3
16:30 - 17:30	80	3	0	0	34	8	24	263	26	2	1	0	19	10	1218	117	8	2	0	27	1
16:45 - 17:45	75	3	0	0	33	14	24	249	22	1	0	0	17	9	1270	108	6	1	0	26	3
17:00 - 18:00	75	2	0	0	35	15	27	251	18	1	1	1	18	8	1357	99	5	1	0	27	3
17:15 - 18:15	74	1	0	0	34	13	28	248	17	1	1	1	18	6	1445	93	4	3	0	20	4
17:30 - 18:30	77	0	0	0	35	19	27	240	13	1	1	1	17	3	1544	106	5	4	0	24	5
17:45 - 18:45	86	0	0	0	38	13	25	247	12	2	1	2	15	3	1567	112	5	3	0	26	4
18:00 - 19:00	97	0	0	0	33	16	23	244	14	2	0	2	11	2	1496	109	7	4	0	25	4

07:15 - 08:15	95	9	2	0	31	21	59	200	19	6	0	0	8	3	1607	211	29	5	1	20	1
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17:45 - 18:45	86	0	0	0	38	13	25	247	12	2	1	2	15	3	1567	112	5	3	0	26	4
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ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 18722 Gas Works, Reading

Site Number/Name: JCT04 – King's Road/ Queen's Road

Client: Stuart Michael Associates

Date: 18/09/2018

Weather: **Cloudy, Dry**

Comments: None

Job Type:

Junction Count

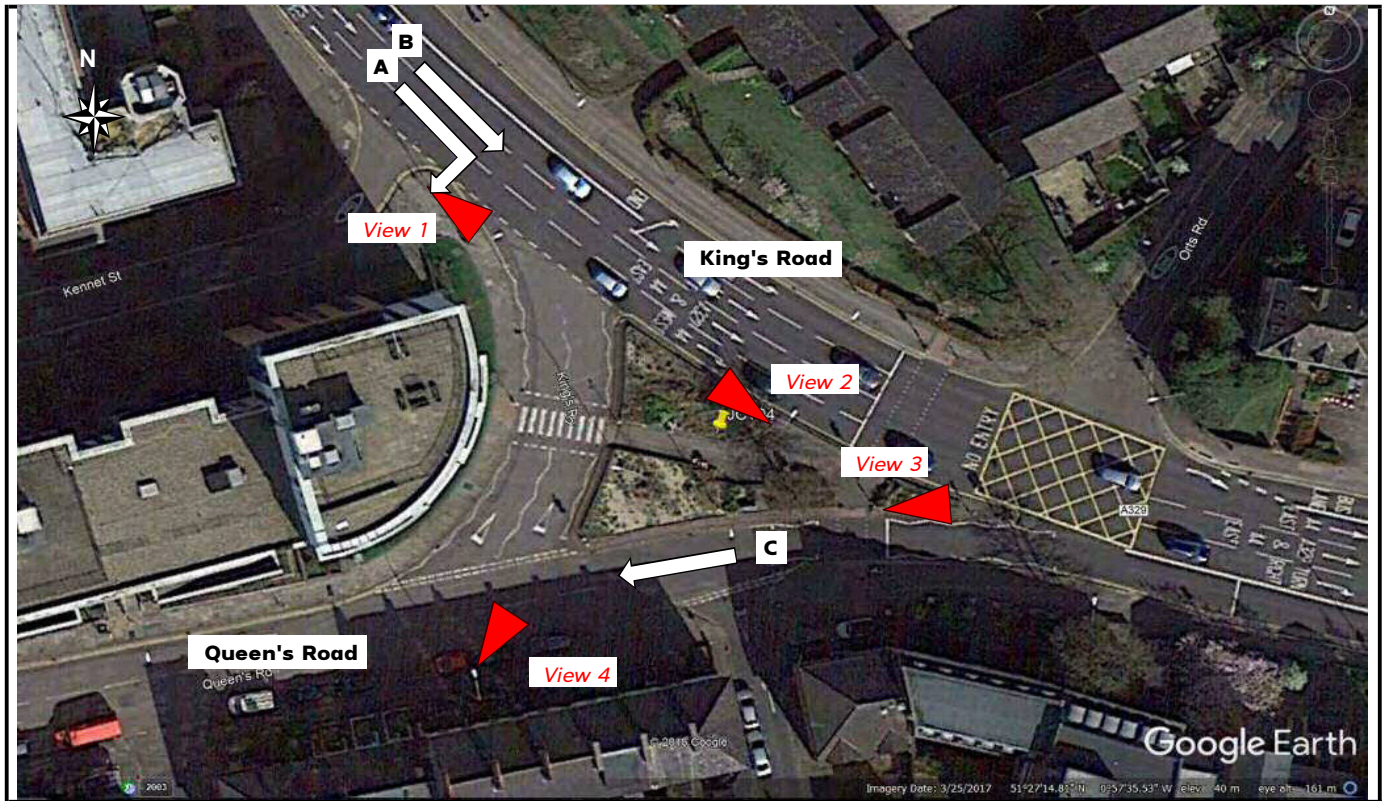
Co-ordinates:

51° 27' 14.68"N, 0° 57' 35.38"W

Postcode:

RG1 4DA

Times:

0700-1000
1600-1900

Advanced Transport Research	Job Number & Name:	18722 Gas Works, Reading
JCT04 - King's Road/ Queen's Road	Client:	Stuart Michael Associates
Classified Counts	Date:	Tuesday 18 September 2018

	Movement A							Movement B							Movement C						
Times	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc	Cars	LGV	OGV1	OGV2	PSV	M/B	Cyc
07:00 - 07:15	30	5	2	0	0	0	2	375	53	12	1	8	6	5	21	0	0	0	8	3	11
07:15 - 07:30	31	2	3	0	0	1	1	445	67	4	3	13	8	9	22	1	0	0	9	3	12
07:30 - 07:45	45	3	2	0	0	0	0	412	42	7	1	9	3	12	22	1	0	0	6	7	14
07:45 - 08:00	60	10	0	0	0	1	0	432	37	8	2	11	8	8	25	1	0	0	9	7	15
08:00 - 08:15	66	7	2	0	0	1	0	359	44	11	0	10	6	9	39	1	1	0	10	9	17
08:15 - 08:30	53	7	1	2	0	0	0	332	38	11	0	10	5	10	29	1	1	0	12	14	15
08:30 - 08:45	44	11	2	1	0	1	0	304	29	5	2	9	4	6	27	1	1	0	9	7	20
08:45 - 09:00	46	9	1	1	0	2	0	416	42	12	3	13	11	7	40	0	0	0	10	10	20
09:00 - 09:15	56	6	5	0	0	1	1	307	44	10	2	16	4	7	34	3	0	0	10	3	15
09:15 - 09:30	44	9	2	1	0	0	0	325	44	9	3	11	0	5	39	4	0	0	13	2	11
09:30 - 09:45	34	7	1	0	0	0	0	302	54	7	5	11	0	1	27	1	1	0	9	5	4
09:45 - 10:00	36	6	4	0	0	0	0	308	47	2	2	12	2	2	18	1	0	0	8	2	4

16:00 - 16:15	62	10	1	0	0	4	0	369	52	4	2	11	7	10	28	0	0	0	8	2	6
16:15 - 16:30	58	13	0	0	0	0	0	398	47	7	1	13	13	6	18	0	0	0	8	7	4
16:30 - 16:45	61	10	1	1	0	2	1	390	36	8	0	8	7	9	36	1	0	0	8	5	5
16:45 - 17:00	58	6	0	0	0	3	1	394	36	3	0	13	7	8	24	0	0	0	9	3	5
17:00 - 17:15	52	4	1	0	0	3	0	313	27	0	1	8	11	21	40	1	0	0	9	7	9
17:15 - 17:30	65	8	0	0	0	2	1	416	31	3	0	12	11	22	21	1	0	0	8	2	13
17:30 - 17:45	58	5	0	0	0	2	2	433	21	4	1	12	12	8	27	0	0	0	10	11	5
17:45 - 18:00	56	0	0	1	0	2	0	460	23	2	0	9	10	19	24	1	0	0	9	4	5
18:00 - 18:15	60	2	1	0	0	3	1	364	18	0	1	11	7	28	28	0	0	0	9	6	9
18:15 - 18:30	57	4	0	0	0	1	0	398	25	3	1	10	14	12	27	1	0	0	10	8	9
18:30 - 18:45	64	4	1	0	0	2	0	381	24	1	1	17	6	14	31	0	0	0	10	2	4
18:45 - 19:00	64	3	0	0	0	1	1	345	30	1	1	9	9	13	24	0	0	0	6	6	4

07:00 - 08:00	166	20	7	0	0	2	3	1664	199	31	7	41	25	34	90	3	0	0	32	20	52
07:15 - 08:15	202	22	7	0	0	3	1	1648	190	30	6	43	25	38	108	4	1	0	34	26	58
07:30 - 08:30	224	27	5	2	0	2	0	1535	161	37	3	40	22	39	115	4	2	0	37	37	61
07:45 - 08:45	223	35	5	3	0	3	0	1427	148	35	4	40	23	33	120	4	3	0	40	37	67
08:00 - 09:00	209	34	6	4	0	4	0	1411	153	39	5	42	26	32	135	3	3	0	41	40	72
08:15 - 09:15	199	33	9	4	0	4	1	1359	153	38	7	48	24	30	130	5	2	0	41	34	70
08:30 - 09:30	190	35	10	3	0	4	1	1352	159	36	10	49	19	25	140	8	1	0	42	22	66
08:45 - 09:45	180	31	9	2	0	3	1	1350	184	38	13	51	15	20	140	8	1	0	42	20	50
09:00 - 10:00	170	28	12	1	0	1	1	1242	189	28	12	50	6	15	118	9	1	0	40	12	34
16:00 - 17:00	239	39	2	1	0	9	2	1551	171	22	3	45	34	33	106	1	0	0	33	17	20
16:15 - 17:15	229	33	2	1	0	8	2	1495	146	18	2	42	38	44	118	2	0	0	34	22	23
16:30 - 17:30	236	28	2	1	0	10	3	1513	130	14	1	41	36	60	121	3	0	0	34	17	32
16:45 - 17:45	233	23	1	0	0	10	4	1556	115	10	2	45	41	59	112	2	0	0	36	23	32
17:00 - 18:00	231	17	1	1	0	9	3	1622	102	9	2	41	44	70	112	3	0	0	36	24	32
17:15 - 18:15	239	15	1	1	0	9	4	1673	93	9	2	44	40	77	100	2	0	0	36	23	32
17:30 - 18:30	231	11	1	1	0	8	3	1655	87	9	3	42	43	67	106	2	0	0	38	29	28
17:45 - 18:45	237	10	2	1	0	8	1	1603	90	6	3	47	37	73	110	2	0	0	38	20	27
18:00 - 19:00	245	13	2	0	0	7	2	1488	97	5	4	47	36	67	110	1	0	0	35	22	26

07:15 - 08:15	202	22	7	0	0	3	1	1648	190	30	6	43	25	38	108	4	1	0	34	26	58
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17:15 - 18:15	239	15	1	1	0	9	4	1673	93	9	2	44	40	77	100	2	0	0	36	23	32
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