HIGH SPEED RAIL (LONDON - WEST MIDLANDS)

Supplementary Environmental Statement 2 and Additional Provision 3 Environmental Statement

Volume 5 | Technical appendices

Traffic Assessment Annexes

TR-001-000 (Part 1 of 2)

September 2015

SES2 and AP3 ES 3.5.2.2

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Transport Assessment Annexes

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Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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Annex A: Framework travel plan

Framework travel plan

- no changes or addenda to the original scheme document

Annex B: Baseline survey reports

Baseline survey reports

- **Bi:** London Euston – supplementary baseline survey data for CFA1
- **Bii:** London Metropolitan – no change or addenda
- **Biii:** Country South – no change or addenda
- **Biv:** Country North – no change or addenda
- **Bv:** West Midlands – no change or addenda

Annex B(i): Supplementary baseline survey report (CFA1)

1 Introduction

1.1.1 The purpose of this report is to detail the traffic and transport surveys commissioned by Arup on behalf of HS2 Ltd in the vicinity of Euston station during June 2014. These surveys supplement the initial set surveys undertaken during June/July and October 2012 for the hybrid Bill submission.

1.1.2 The June 2014 surveys were conducted in the vicinity of Euston station in order to ascertain the baseline conditions and inform the AP3 Transport Assessment (TA) produced by Arup for Euston station.

2 Surveys

2.1 Traffic surveys

2.1.1 The traffic surveys conducted in June 2014 consisted of the following:

- manual classified vehicle turning counts (MCCs);
- automatic traffic counts (ATCs);
- vehicle queue length survey;
- fully classified vehicle link count survey;
- pedestrian survey at the entry/exit locations of London Euston station;
- pedestrian survey conducted on-street at locations within the vicinity of London Euston station;
- saturation flow surveys;
- degree of saturation (DoS) surveys; and
- taxi and private vehicle occupancy survey.

2.2 Survey methodology

2.2.1 The locations for the surveys were selected based on proximity to interventions and construction worksites or at locations where works have taken place since the 2012 surveys. The activity specification form detailing the locations and nature of the surveys can be found in Appendix A.

2.3 Survey approvals

2.3.1 Prior to the surveys, approvals were sought and gained from London Borough of Camden (LBC), Network Rail (NR) and Transport for London (TfL). Where appropriate the stakeholders were notified of the date and location of the surveys in advance of them taking place along with the type of survey to be undertaken.

2.3.2 The survey staff undertook health and safety inductions provided by NR which was a requirement for working on London Euston station land. In addition, due to the installation of camera equipment on station property, NR station staff was provided

with a risk assessment and camera installation method statement by the sub-consultants.

3 Survey results

3.1 Traffic surveys

3.1.1 The summary results of the traffic surveys can be found in the following locations:

- Appendix B – manual classified vehicle turning counts;
- Appendix C – automatic traffic counts;
- Appendix D – vehicle queue lengths;
- Appendix E – classified vehicle link counts;
- Appendix F – London Euston station pedestrian entry/exit counts;
- Appendix G – pedestrian survey;
- Appendix H – saturation flows and degree of saturation; and
- Appendix I – taxi and private vehicle occupancy survey.

Appendix A - survey specification

Location	Arup_ID	Eastings	Northings	Link Count	Manual Classified	Pedestrian Count	Queue Lengths	ATC	Saturation Flow	Degree of Saturation (DoS)
Camden High Street / Eversholt Street / Crowndale Road	6	529183	183393		Yes		Yes		Yes	Yes
Mornington Crescent / Harrington Square / Hampstead Road	7	529147	183156		Yes	Yes				
Eversholt Street / Oakley Square	8	529313	183218		Yes		Yes		Yes	Yes
Stanhope Street / Granby Terrace / Park Village East	9	529019	183044		Yes					
Granby Terrace / Hampstead Road	10	529165	183082		Yes	Yes	Yes		Yes	Yes
Hampstead Road / Cardington Street	11	529207	182770		Yes	Yes	Yes		Yes	Yes
Eversholt Street / Barnby Street / Aldenham Street	12	529451	183025		Yes	Yes				
Eversholt Street / Polygon Road	13	529482	182983		Yes	Yes				
Hampstead Road / Robert Street	14	529212	182719		Yes	Yes				
Stanhope Street / Robert Street	15	529062	182712		Yes		Yes		Yes	Yes
Hampstead Road / Drummond Street	16	529216	182484		Yes	Yes	Yes		Yes	Yes
Drummond Street / North Gower Street	17	529306	182528			Yes				
Eversholt Street / Phoenix Road	18	529537	182899		Yes	Yes				
Eversholt Street / Drummond Crescent	19	529577	182845		Yes	Yes				
Eversholt Street / Doric Way	20	529643	182755		Yes	Yes				
Eversholt Street / Grafton Place / Churchway	21	529721	182650		Yes	Yes	Yes		Yes	Yes
Churchway / Euston Road / Duke's Road	23	529838	182637		Yes	Yes	Yes		Yes	Yes
Euston Road / Upper Woburn Place / Euston Square	24	529761	182587		Yes	Yes	Yes		Yes	Yes
Euston Road / Euston Square Gardens	25	529656	182529		Yes	Yes	Yes		Yes	Yes
Euston Road / Melton Street / Gordon Street	26	529564	182478		Yes	Yes	Yes		Yes	Yes
Euston Road / Gower Street	27	529408	182380		Yes	Yes	Yes		Yes	Yes
Euston Road / Hampstead Road / Tottenham Court Road	28	529250	182327		Yes	Yes	Yes		Yes	Yes
Drummond Street / Cardington Street	29	529457	182633		Yes	Yes				
Euston Street / Melton Street	30	529495	182583		Yes	Yes				
Melton Street / Basement Taxi and Parking Entry	31	529512	182563		Yes					
Melton Street / Basement Taxi and Parking Exit	32	529539	182521		Yes					
Euston Road / Chalton Street	37	529910	182687		Yes					
Euston Road / Midland Road	38	530067	182797		Yes		Yes		Yes	Yes
Pancras Road / Euston Road	39	530226	182905		Yes		Yes		Yes	Yes
Euston Road / Ossulston Street	40	529984	182740		Yes		Yes		Yes	Yes
Park Crescent	42	528773	182129					Yes		
Gower Street (Euston Square Entrance)	44	529433	182363			Yes				
Euston Road (Euston Square Entrance)	45	529423	182428			Yes				
Park Village East / Mornington Street	46	528835	183340		Yes					
Mornington Terrace / Mornington Street	47	528899	183380		Yes					
York Way / Pentonville Road / Euston Road	48	530333	182981		Yes		Yes		Yes	Yes
Parkway / Delancey Street / Regents Park Road	49	528660	183611		Yes		Yes		Yes	Yes
Prince Albert Road / Park Village East / Gloucester Gate	50	528628	183537		Yes		Yes		Yes	Yes
Gloucester Gate / Albany Street	51	528614	183472		Yes					
Gordon Street	62	529592	182437					Yes		
Gower Street	63	529428	182358					Yes		
Tottenham Court Road	64	529269	182287					Yes		
Bolsover Street	65	528891	182136					Yes		
Great Portland Street	66	528845	182119					Yes		

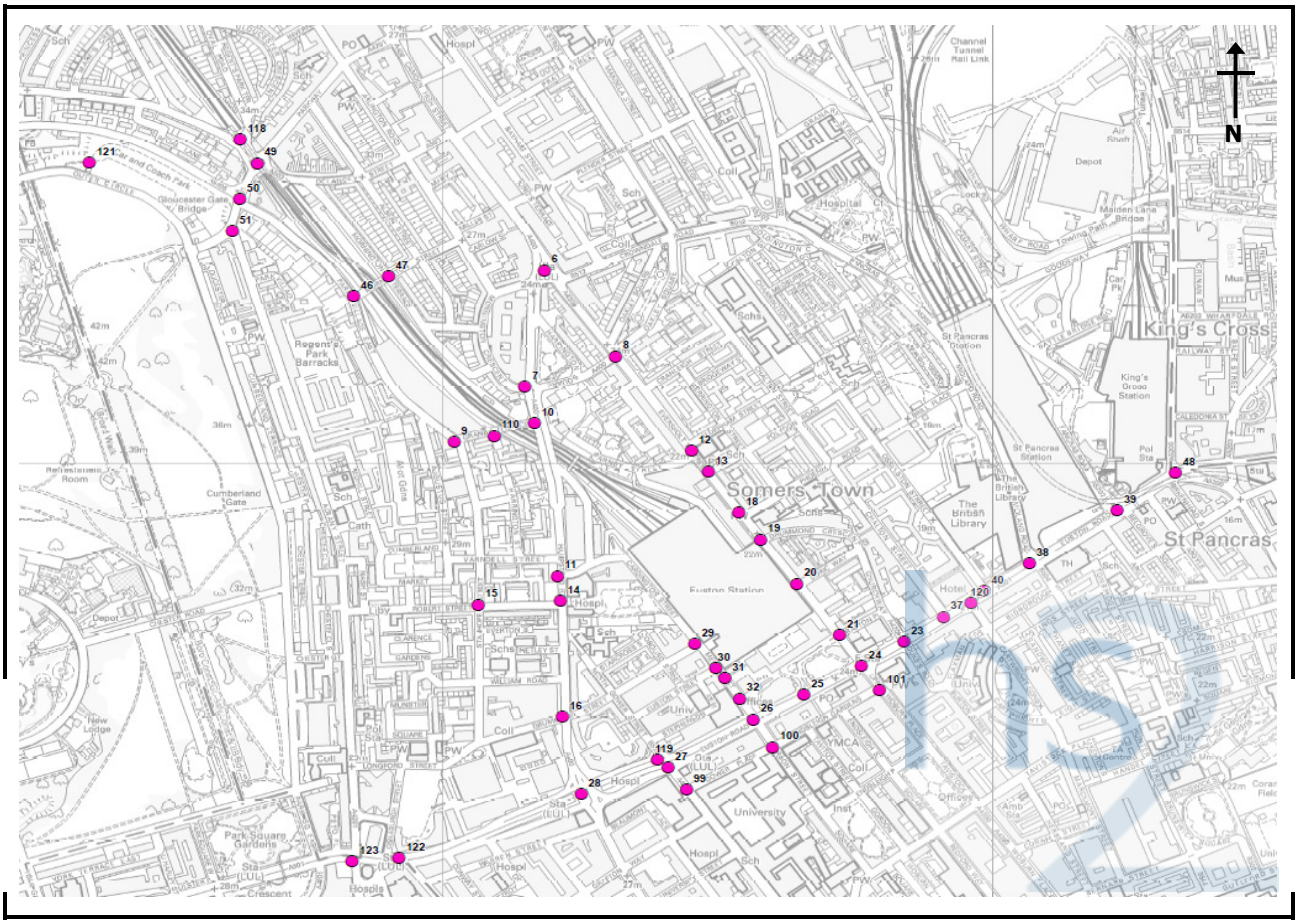
Location	Arup_ID	Eastings	Northings	Link Count	Manual Classified	Pedestrian Count	Queue Lengths	ATC	Saturation Flow	Degree of Saturation (DoS)
Hampstead Road (north of Euston Road)	67	529237	182375					Yes		
Drummond Street (west of Hampstead Road)	68	529181	182473					Yes		
William Road	69	529174	182557					Yes		
Robert Street	70	529161	182716					Yes		
Varndell Street	71	529157	182810					Yes		
Hampstead Road (north of Varndell Street)	72	529205	182858	Yes				Yes		
Euston Square (near Melton Street)	88	529549	182500					Yes		
Euston Road (near Conway Street)	89	529040	182228	Yes						
Hampstead Road	90	529188	182988			Yes				
Euston Street/Cobourg Street	91	529397	182596			Yes				
Drummond Street/Coburg Street	92	529431	182538			Yes				
Albany Street	93	528806	182832					Yes		
Eversholt Street (north of Phoenix Road)	95	529509	182934	Yes				Yes		
Gower Place / Gower Street	99	529442	182336		Yes					
Gordon Street / Gower Place / Endsleigh Gardens	100	529599	182422		Yes					
Upper Woburn Place / Endsleigh Gardens	101	529794	182538		Yes					
Granby Terrace / Harrington Street	110	529091	183056		Yes					
Euston Road (west of Gordon Street)	113	529510	182444	Yes						
Cardington Street	114	529413	182704					Yes		
Euston Road (west of Pancras Road)	115	530154	182853	Yes						
Churchway / Grafton Place	116	529800	182705			Yes				
Euston Road Underpass (at junction with Tottenham Court Road)	117	529301	182347	Yes						
Oval Road / Regents Park Road	118	528629	183659		Yes		Yes		Yes	Yes
Euston Road / North Gower Street	119	529389	182397		Yes					
Euston Road / Mabledon Place	120	529961	182715		Yes		Yes		Yes	Yes
Outer Circle / Car and Coach Parking	121	528354	183612		Yes					
Cleveland Street / Euston Road / Osnaburgh Street	122	528918	182196		Yes					
Albany Street / Marylebone Road / Great Portland Street	123	528833	182190		Yes					
North Gower Street	124	529373	182422					Yes		
Prince Albert Road	125	528318	183698					Yes		
Drummond Street (east of Hampstead Road)	126	529352	182565					Yes		
Englands Lane / Eton Avenue / Belsize Park Gardens	1_M1	527479	184562		Yes					
Haverstock Hill / Englands Lane	1_M2	527675	184774		Yes					
Haverstock Hill / Prince of Wales Road	1_M3	527984	184584		Yes					
Primrose Hill Road	1_A1	527493	184513					Yes		
Englands Lane	1_A2	527579	184662					Yes		
Prince of Wales Road	1_A3	528145	184611					Yes		
Euston Station - Exit 1 East (towards Eversholt St)	ES01e	529628	182673			Yes				
Euston Station - Exit 1 South (towards Euston Square Gardens)	ES01s	529625	182658			Yes				
Euston Station - Exit 2 West (towards Melton St)	ES02w	529572	182633			Yes				
Euston Station - Exit 2 South (towards Euston Square Gardens)	ES02s	529585	182630			Yes				
Euston Station - Exit 3 West (Melton St/ Cardington St)	ES03w	529497	182631			Yes				

Appendix B – manual classified vehicle turning counts

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Site Name: HS2 Euston
Date(s) of Survey: 10.06.2014 and 12.06.2014
Survey Type: MCCs

Location Plan



Site Observations

Weather Conditions:

10.06.2014	Dry and Clear
12.06.2014	Dry and Clear

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)**:**

Site 6 - Camden High Street / Eversholt Street

	Lane B1								Lane B2								Lane B3								Lane C1					
	B to A		B to E		B to D		B to C		B to A		B to E		B to D		B to C		B to A		B to E		B to D		B to C		C to A		C to E		C to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
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07:15	0	0	0	0	0	0	39	41	0	0	0	0	47	51	0	0	74	76	0	0	0	0	0	0	62	62	0	0	1	1
07:30	0	0	0	0	0	0	56	51	0	0	0	0	43	54	0	0	61	65	0	0	0	0	0	0	63	65	0	0	1	1
07:45	0	0	0	0	1	0	45	50	0	0	0	0	78	85	0	0	64	62	0	0	0	0	0	0	92	82	0	0	0	0
08:00	0	0	0	0	0	0	46	43	1	1	0	0	71	72	0	0	62	67	0	0	0	0	0	0	84	79	0	0	1	2
08:15	0	0	0	0	0	0	63	57	0	0	0	0	77	77	0	0	61	61	0	0	0	0	0	0	70	64	0	0	1	1
08:30	0	0	0	0	0	0	53	48	0	0	0	0	61	55	0	0	65	65	0	0	0	0	0	0	91	81	0	0	0	0
08:45	0	0	0	0	0	0	71	61	1	0	0	0	84	72	0	0	71	68	0	0	0	0	0	0	79	60	0	0	3	1
09:00	0	0	0	0	0	0	58	57	0	0	0	0	79	75	0	0	77	77	0	0	0	0	0	0	96	82	0	0	0	0
09:15	0	0	0	0	0	0	49	42	0	0	0	0	57	60	0	0	60	61	0	0	0	0	0	0	93	83	0	0	1	1
09:30	0	0	0	0	0	0	40	35	0	0	0	0	54	58	0	0	66	68	0	0	0	0	0	0	93	88	0	0	3	2
09:45	0	0	0	0	0	0	49	47	0	0	0	0	59	68	0	0	56	56	0	0	0	0	0	0	73	74	0	0	0	0
16:00	0	0	0	0	0	0	39	38	0	0	0	0	41	49	0	0	67	66	0	0	0	0	0	0	109	106	0	0	1	1
16:15	0	0	0	0	0	0	38	32	0	0	0	0	25	31	0	0	66	61	0	0	0	0	0	0	91	84	0	0	2	2
16:30	0	0	0	0	0	0	41	38	0	0	0	0	30	34	0	0	73	71	0	0	0	0	0	0	111	92	0	0	2	1
16:45	0	0	0	0	0	0	34	33	0	0	0	0	48	60	0	0	73	68	0	0	0	0	0	0	102	85	0	0	3	1
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18:30	0	0	0	0	0	0	40	40	0	0	0	0	29	34	0	0	85	67	0	0	0	0	0	0	156	115	0	0	2	1
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Site 7 - Hampstead Road / Harrington Square

	Lane B1						Lane B2						Lane B3						Lane C1				Lane C2				Lane C3			
	B to A		B to D		B to C		B to A		B to D		B to C		B to A		B to D		B to C		C to A		C to D		C to A		C to D		C to A		C to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
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Site 8 - Eversholt Street / Oakley Square

	Lane A1						Lane B1						Lane C1								Lane C2							
	A to E		A to D		A to C		B to A		B to E		B to D		C to B		C to A		C to E		C to D		C to B		C to A		C to E		C to D		C to B	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
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07:15	14	12	19	22	1	1	1	1	2	1	0	0	0	0	0	0	66	52	61	48	0	0	0	0	130	129	0	0	1	1
07:30	20	18	41	34	1	2	1	1	8	6	4	3	0	0	0	0	80	66	55	44	0	0	0	0	131	127	0	0	0	0
07:45	18	17	28	31	1	1	0	0	10	9	2	1	0	0	0	0	91	50	66	47	0	0	0	0	108	104	0	0	0	0
08:00	6	5	39	39	0	0	1	1	4	4	5	4	0	0	0	0	80	56	67	49	0	0	0	0	123	116	0	0	2	3
08:15	24	23	47	35	1	2	0	0	8	5	4	4	0	0	0	0	87	46	64	40	0	0	0	0	117	109	0	0	0	0
08:30	23	20	32	29	2	1	1	2	6	7	5	3	0	0	0	0	114	63	74	41	0	0	0	0	136	125	0	0	1	1
08:45	7	7	60	50	2	2	0	0	8	6	4	4	0	0	0	0	95	41	85	58	0	0	0	0	127	114	1	0	1	1
09:00	12	11	47	45	1	1	0	0	5	5	7	5	0	0	0	0	94	57	63	45	0	0	0	0	112	108	2	0	0	0
09:15	11	9	43	33	2	1	3	3	3	1	5	5	0	0	0	0	62	36	76	60	0	0	0	0	126	114	0	0	1	1
09:30	15	10	20	17	1	2	0	0	6	6	5	4	0	0	0	0	77	48	61	50	0	0	1	2	98	96	0	0	0	0
09:45	18	14	33	36	5	4	0	0	3	3	4	4	0	0	0	0	66	46	58	40	0	0	0	0	114	106	0	0	0	0
16:00	9	8	31	31	2	1	2	2	1	1	5	4	0	0	0	0	46	46	39	37	0	0	0	0	82	82	0	0	0	0
16:15	11	10	22	18	3	3	2	2	9	8	7	7	0	0	0	0	51	40	41	38	0	0	0	0	72	70	0	0	3	3
16:30	8	8	36	34	3	1	2	1	6	6	2	2	0	0	0	0	39	35	49	37	0	0	0	0	78	76	0	0	1	1
16:45	5	4	28	26	3	3	1	1	0	0	2	2	0	0	0	0	40	36	57	50	0	0	1	1	88	83	0	0	0	0
17:00	6	6	21	25	3	3	2	2	5	3	4	4	0	0	0	0	44	38	56	47	0	0	0	0	89	83	0	0	0	0
17:15	7	7	30	22	0	0	1	1	6	6	3	2	0	0	0	0	35	32	57	49	0	0	0	0	86	82	0	0	1	1
17:30	8	6	36	33	1	0	3	3	2	1	4	4	0	0	0	0	41	30	62	54	0	0	0	0	95	93	1	1	2	2
17:45	8	7	47	42	1	1	4	4	1	1	5	3	0	0	0	0	43	36	53	46	0	0	0	0	74	72	0	0	0	0
18:00	8	6	32	32	2	2	0	0	1	1	8	7	0	0	0	0	42	35	62	51	0	0	0	0	90	87	0	0	0	0
18:15	8	7	28	26	3	2	3	1	7	7	5	3	0	0	0	0	41	31	61	47	0	0	0	0	97	93	0	0	1	1
18:30	5	5	41	39	3	3	4	3	6	6	4	4	0	0	0	0	46	37	69	63	0	0	0	0	106	103	0	0	1	1
18:45	7	5	40	38	5	4	4	4	4	4	6	6	0	0	0	0	36	34	60	55	0	0	0	0	91	90	0	0	0	0

Site 6 - C

	Lane D1						Lane D2						Lane E1						Junction Total
	D to C		D to A		D to E		D to C		D to A		D to E		E to D		E to C		E to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	6	8	7	6	0	0	99	109	0	0	0	0	0	0	6	6	317
07:15	0	0	13	16	8	8	0	0	77	86	0	0	0	0	0	0	4	5	345
07:30	0	0	10	14	8	8	0	0	96	102	0	0	0	0	0	0	5	5	364
07:45	0	0	10	15	7	6	0	0	81	92	0	0	0	0	0	0	11	11	404
08:00	0	0	13	18	12	10	0	0	82	87	0	0	0	0	0	0	11	11	389
08:15	0	0	12	15	19	19	0	0	98	106	0	0	0	0	0	0	12	12	412
08:30	0	0	13	12	18	16	0	0	123	136	0	0	0	0	0	0	14	15	428
08:45	0	0	21	23	16	15	0	0	126	130	0	0	0	0	0	0	26	27	456
09:00	0	0	18	15	19	16	0	0	122	133	0	0	0	0	0	0	15	14	468
09:15	0	0	19	15	21	18	0	0	116	125	0	0	0	0	0	0	15	12	418
09:30	0	0	11	11	14	13	0	0	127	141	0	0	0	0	0	0	13	13	428
09:45	0	0	11	11	18	18	0	0	114	121	0	0	0	0	0	0	15	15	408
16:00	0	0	35	35	25	25	0	0	171	168	0	0	0	0	0	0	23	19	507
16:15	0	0	49	37	18	17	0	0	193	187	0	0	0	0	0	0	23	18	471
16:30	0	0	43	36	18	15	0	0	202	202	0	0	0	0	0	0	28	26	514
16:45	0	0	54	36	21	20	0	0	178	178	0	0	0	0	0	0	27	27	508
17:00	0	0	79	53	29	30	0	0	194	190	0	0	0	0	0	0	27	26	531
17:15	0	0	85	57	17	17	0	0	210	203	0	0	0	0	0	0	27	24	542
17:30	0	0	98	57	15	15	0	0	180	178	0	0	0	0	0	0	45	38	524
17:45	0	0	104	57	23	21	0	0	194	184	0	0	0	0	0	0	39	33	540
18:00	0	0	84	46	17	15	0	0	202	180	0	0	0	0	0	0	31	24	526
18:15	0	0	100	44	15	13	0	0	210	191	0	0	0	0	0	0	41	38	535
18:30	0	0	105	46	18	16	0	0	185	174	0	0	0	0	0	0	37	33	526
18:45	0	0	66	26	16	13	0	0	160	152	0	0	0	0	0	0	36	35	497

Site 7 - I

	Lane D1				Junction Total
	D to C		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	3	3	394
07:15	0	0	2	2	369
07:30	0	0	7	7	424
07:45	0	0	5	5	421
08:00	0	0	2	2	392
08:15	0	0	5	5	416
08:30	0	0	8	8	487
08:45	0	0	4	4	453
09:00	0	0	5	5	464
09:15	0	0	5	5	423
09:30	0	0	6	6	421
09:45	0	0	9	9	403
16:00	0	0	12	13	464
16:15	0	0	11	10	445
16:30	0	0	5	5	469
16:45	0	0	6	5	454
17:00	0	0	11	11	485
17:15	0	0	4	4	519
17:30	0	0	8	7	512
17:45	0	0	12	10	459
18:00	0	0	8	7	460
18:15	0	0	10	9	509
18:30	0	0	11	10	468
18:45	0	0	14	11	445

Site 8 - E

	Lane C3						Lane D1						Junction Total
	C to A		C to E		C to D		D to B		D to A		D to E		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	4	2	0	0	6	6	57	55	11	10	334
07:15	1	1	9	4	0	0	5	6	64	64	9	10	352
07:30	2	3	23	12	0	0	10	9	69	70	16	17	412
07:45	0	0	13	5	0	0	7	7	87	76	9	9	357
08:00	1	1	25	10	0	0	10	8	85	79	15	15	389
08:15	1	1	16	8	0	0	8	8	72	67	28	24	372
08:30	3	3	25	11	0	0	11	12	82	75	19	15	405
08:45	1	0	28	12	0	0	9	9	84	61	18	18	383
09:00	1	1	33	16	0	0	16	16	99	85	29	28	423
09:15	2	2	15	6	0	0	6	7	89	81	30	26	383
09:30	6	7	14	6	0	0	14	12	89	78	22	21	359
09:45	3	3	11	5	1	0	15	15	79	79	11	10	365
16:00	3	3	4	3	0	0	20	22	98	95	21	18	351
16:15	1	1	3	2	1	0	13	13	93	86	27	23	321
16:30	4	4	4	2	0	0	17	18	103	84	24	22	330
16:45	1	0	3	2	0	0	20	19	102	84	26	22	333
17:00	6	6	6	3	0	0	17	16	118	97	26	24	357
17:15	1	1	8	3	0	0	24	24	134	107	19	17	355
17:30	1	1	8	4	0	0	24	22	105	67	24	22	343
17:45	1	0	4	2	1	1	23	22	115	77	24	21	336
18:00	1	2	2	1	0	0	5	4	154	107	15	12	349
18:15	3	3	5	3	0	0	21	20	125	88	34	29	360
18:30	4	3	2	1	0	0	13	11	150	111	12	11	401
18:45	3	2	3	1	0	0	13	14	144	104	16	15	375

Site 9 - Stanhope Street / Granby Terrace

	Lane B1				Lane C1				Junction Total
	B to A		B to C		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	5	5	3	3	4	2	45	40	51
07:15	9	9	1	1	6	5	56	51	66
07:30	6	4	5	3	20	14	41	33	54
07:45	1	1	0	0	17	11	66	58	69
08:00	8	6	2	2	24	17	59	50	76
08:15	9	10	2	1	29	20	67	51	82
08:30	9	7	5	5	40	24	59	43	80
08:45	11	11	9	11	41	26	72	59	107
09:00	14	14	10	8	35	19	84	64	105
09:15	6	5	3	2	34	17	64	56	80
09:30	5	5	3	3	17	12	55	48	67
09:45	7	7	9	9	19	14	43	38	68
16:00	17	16	16	11	13	12	29	30	69
16:15	12	9	5	4	15	11	39	37	61
16:30	9	9	16	14	19	17	35	33	72
16:45	17	16	11	8	12	11	33	31	65
17:00	17	12	15	12	17	13	35	35	70
17:15	18	12	10	8	6	5	41	39	64
17:30	16	14	20	12	18	16	40	35	77
17:45	13	8	15	9	12	7	37	32	57
18:00	20	14	16	9	13	11	49	44	77
18:15	14	12	15	9	12	8	42	38	67
18:30	12	8	12	9	17	15	56	54	86
18:45	10	10	12	10	18	16	55	53	89

Site 10 - Hampstead Road / Granby Terrace

	Lane A1		Lane A2		Lane A3		Lane B1		Lane B2		Lane B3		Lane C1				Lane C2				Junction Total
	A to B		A to B		A to B		B to A		B to A		B to A		C to B		C to A		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	47	26	98	111	115	116	9	9	70	81	24	25	7	1	7	7	37	37	0	0	413
07:15	61	31	91	98	119	119	12	12	51	61	23	23	6	2	8	8	50	50	0	0	404
07:30	68	50	99	98	126	126	16	14	56	65	26	26	4	1	8	8	36	31	0	0	418
07:45	97	43	121	122	126	123	17	20	57	65	21	22	8	2	6	7	51	48	0	0	451
08:00	85	37	98	96	123	125	19	17	59	67	21	22	8	2	8	6	49	50	0	0	422
08:15	100	43	85	83	135	132	24	12	65	74	23	21	21	6	10	11	46	44	0	0	425
08:30	120	56	117	110	144	139	31	30	79	86	44	46	13	3	11	11	42	36	0	0	515
08:45	116	47	114	106	119	115	30	21	69	78	47	45	8	3	20	18	65	57	0	0	490
09:00	95	46	97	93	117	121	31	22	72	82	47	47	8	2	14	15	66	53	0	0	480
09:15	112	57	84	84	106	103	27	19	63	74	52	52	3	1	9	11	54	48	1	1	449
09:30	74	41	94	98	100	96	25	26	71	82	44	43	1	0	10	11	50	41	0	0	438
09:45	70	40	92	95	107	106	20	24	64	67	36	34	0	0	10	8	39	36	0	0	409
16:00	36	37	65	67	77	78	37	27	112	118	77	76	1	1	18	19	27	28	0	0	449
16:15	30	24	77	75	87	87	43	21	109	115	71	72	1	0	21	15	32	31	2	2	441
16:30	38	34	69	69	78	79	53	33	125	133	96	94	0	0	14	12	26	24	0	0	478
16:45	42	41	71	71	73	71	45	24	123	125	71	68	1	0	18	17	32	30	1	1	447
17:00	20	21	70	64	78	77	65	38	119	124	91	88	0	0	26	21	31	30	0	0	462
17:15	41	44	65	62	83	82	76	32	130	133	119	114	0	0	23	18	31	29	0	0	513
17:30	47	37	80	80	89	87	75	33	131	138	94	90	4	1	22	20	26	23	0	0	509
17:45	40	33	66	65	83	80	93	40	104	107	86	78	2	0	18	14	35	31	0	0	448
18:00	57	35	78	84	68	65	94	37	110	103	90	84	1	0	31	23	38	35	0	0	466
18:15	53	38	83	85	92	90	114	35	113	122	95	88	1	0	26	22	36	33	0	0	513
18:30	45	33	76	75	97	94	111	31	111	118	72	65	1	0	17	14	45	44	0	0	473
18:45	35	34	86	85	79	78	91	29	107	110	65	62	1	0	14	14	49	48	0	0	458

Site 11 - Hampstead Road / Cardington Street

	Lane A1		Lane A2				Lane B1				Lane C1				Junction Total
	A to C		A to B		A to C		A to B		B to A		B to C		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	43	37	37	34	200	197	0	0	22	20	6	5	4	4	79	83	380
07:15	54	40	41	39	212	205	6	7	25	24	6	7	9	11	71	80	413
07:30	71	55	55	47	212	207	3	4	14	14	8	8	5	5	87	93	432
07:45	91	52	51	45	229	224	2	3	19	16	6	6	11	10	81	86	441
08:00	70	45	67	59	240	233	2	2	21	22	7	6	9	9	95	102	477
08:15	92	51	68	55	217	212	2	3	26	24	3	3	8	7	88	93	448
08:30	119	57	64	44	200	189	3	3	23	21	6	4	13	14	101	104	435
08:45	111	48	74	58	223	211	3	5	27	24	17	15	20	17	122	122	499
09:00	111	64	50	42	204	195	5	6	23	21	6	6	15	11	88	92	437
09:15	96	50	49	43	185	179	3	3	33	27	3	3	7	8	113	117	428
09:30	62	42	41	36	182	176	2	2	30	30	10	11	13	12	96	105	412
09:45	58	52	51	47	186	181	4	5	23	22	8	7	4	4	104	110	426
16:00	32	45	34	33	170	167	4	4	40	36	13	13	10	9	175	170	477
16:15	33	38	37	36	141	140	7	7	30	23	12	12	9	8	207	195	459
16:30	52	50	35	35	155	153	2	2	35	29	17	16	8	8	236	211	504
16:45	40	39	38	34	146	141	4	4	34	26	8	7	16	17	205	184	451
17:00	45	48	38	37	145	146	4	5	60	48	12	13	15	16	221	188	501
17:15	44	39	39	39	139	136	2	2	44	37	13	13	9	7	203	181	454
17:30	59	46	32	30	142	138	7	8	54	44	9	7	7	7	239	194	473
17:45	52	40	48	44	156	154	1	1	46	36	11	10	6	5	242	196	485
18:00	48	49	43	41	192	185	0	0	64	48	12	9	15	13	257	196	541
18:15	51	52	34	31	191	187	0	0	64	44	11	9	9	8	280	211	543
18:30	61	52	45	43	182	181	4	4	63	52	13	12	12	11	238	180	535
18:45	60	58	47	45	176	174	2	2	63	42	9	7	5	5	263	206	539

Site 12 - Eversholt Street / Aldenham Street

	Lane A1				Lane B1						Lane C1						Lane D1						Junction Total
	A to D		A to C		A to B		B to A		B to D		B to C		C to B		C to A		C to D		D to C		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	6	6	52	52	2	1	0	0	0	0	0	0	1	0	85	87	4	4	1	1	1	0	4	5	156
07:15	5	5	78	74	1	1	1	1	0	0	1	2	0	0	68	70	2	2	0	0	0	0	4	4	158
07:30	5	5	97	75	2	2	0	0	0	0	0	0	0	0	88	83	3	3	1	2	0	0	5	6	174
07:45	3	3	78	65	4	3	2	2	1	1	0	0	0	0	110	103	3	3	6	6	0	0	3	4	190
08:00	3	3	100	79	9	9	2	3	0	0	0	0	1	1	107	98	2	1	1	1	0	0	4	4	199
08:15	4	3	115	76	6	6	2	2	0	0	0	0	1	1	94	83	7	8	0	0	1	1	6	7	186
08:30	2	1	102	64	0	0	2	2	0	0	1	1	0	0	97	75	1	1	0	0	0	0	2	2	146
08:45	4	4	129	87	6	6	3	3	0	0	1	2	2	2	102	95	8	4	0	0	0	0	3	3	205
09:00	9	8	106	84	8	8	7	7	0	0	2	1	0	0	91	81	7	4	2	1	0	0	1	1	195
09:15	8	8	117	92	3	3	3	3	0	0	0	0	0	0	92	81	4	2	2	0	1	1	4	3	194
09:30	4	4	86	73	3	3	3	3	0	0	0	0	0	0	103	94	3	3	0	0	0	0	2	2	182
09:45	3	3	88	77	4	4	1	1	0	0	1	2	1	1	83	74	3	3	0	0	0	0	1	1	167
16:00	1	1	78	78	2	2	3	3	0	0	2	2	0	0	132	123	6	7	2	2	0	0	8	8	226
16:15	10	10	75	62	3	3	5	5	1	2	0	0	1	1	128	117	3	2	2	2	0	0	4	5	210
16:30	8	8	52	48	5	5	4	4	2	0	4	3	0	0	110	92	2	0	3	2	0	0	11	10	172
16:45	2	2	75	65	6	5	6	6	0	0	1	1	1	1	125	112	2	2	0	0	0	0	5	5	199
17:00	3	3	72	60	7	7	7	7	0	0	0	0	0	0	128	115	2	2	3	2	0	0	3	2	198
17:15	2	2	89	66	4	2	2	2	0	0	1	1	0	0	119	100	3	1	1	1	0	0	4	4	179
17:30	8	8	67	53	3	3	2	1	0	0	0	0	0	0	148	103	3	3	2	0	0	0	5	4	175
17:45	14	15	90	69	6	6	3	3	0	0	0	0	0	0	147	108	3	1	5	3	0	0	3	2	208
18:00	6	7	103	89	10	10	4	4	0	0	1	2	2	1	171	129	4	2	3	2	1	1	4	3	250
18:15	1	1	90	73	2	2	1	1	0	0	2	2	1	1	150	118	1	1	3	1	0	0	8	9	209
18:30	4	5	95	83	0	0	7	7	0	0	0	0	0	0	172	129	3	2	4	2	0	0	3	3	230
18:45	7	7	89	81	6	6	4	4	0	0	0	0	2	2	156	122	0	0	3	2	2	1	5	5	229

Site 13 - Eversholt Street / Polygon Road

	Lane A1				Lane B1				Lane C1				Junction Total
	A to C		A to B		B to A		B to C		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	51	51	2	2	9	9	0	0	0	0	82	83	144
07:15	74	70	5	6	3	3	0	0	1	1	66	69	148
07:30	91	71	2	2	4	4	1	1	1	2	87	81	161
07:45	81	66	6	6	9	8	1	0	1	1	102	96	178
08:00	92	68	9	10	10	9	1	1	0	0	100	91	180
08:15	108	71	6	5	8	8	2	1	1	1	96	85	172
08:30	97	60	6	7	4	3	2	2	3	2	93	72	145
08:45	119	76	15	15	17	15	2	1	1	1	95	86	194
09:00	98	75	14	13	8	6	1	0	2	2	89	78	174
09:15	111	83	6	6	11	11	3	1	2	2	86	74	177
09:30	81	66	3	5	7	7	2	1	1	1	94	86	165
09:45	83	76	10	9	10	10	2	1	2	0	77	68	165
16:00	72	72	11	11	6	5	2	1	1	0	130	123	212
16:15	64	53	10	9	20	19	0	0	1	0	113	102	184
16:30	53	45	10	10	14	13	2	2	0	0	99	80	149
16:45	68	58	9	9	9	10	3	2	2	1	117	103	183
17:00	66	55	4	2	10	9	0	0	1	1	121	108	175
17:15	88	66	6	6	13	11	1	0	2	1	109	91	176
17:30	61	47	9	7	17	15	2	2	4	2	135	90	164
17:45	82	60	11	10	15	14	4	2	1	0	133	95	182
18:00	97	84	12	11	16	14	2	2	1	1	162	120	231
18:15	89	70	7	7	10	9	1	0	0	0	145	113	200
18:30	91	78	8	6	16	15	2	1	1	0	157	114	215
18:45	87	78	6	5	6	5	1	1	3	1	153	120	210

Site 14 - Hampstead Road / Robert Street

	Lane A1				Lane A2				Lane B1				Lane C1				Junction Total
	A to C		A to B		A to C		A to B		B to A		B to C		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	198	192	49	46	0	0	77	81	3	3	0	0	6	6	327
07:15	1	0	194	181	76	73	0	0	68	79	4	4	0	0	13	13	350
07:30	0	0	228	210	64	60	0	0	86	92	9	9	1	0	5	5	376
07:45	0	0	234	202	86	78	0	0	81	85	6	6	1	0	13	11	382
08:00	0	0	228	200	89	83	0	0	88	96	4	3	0	0	18	18	400
08:15	2	1	233	197	76	71	0	0	81	84	10	9	4	1	14	13	376
08:30	0	0	245	184	79	67	0	0	86	90	7	8	1	0	29	28	377
08:45	2	2	265	197	91	80	0	0	105	107	12	12	1	1	31	27	426
09:00	0	0	247	198	75	65	0	0	85	89	15	16	1	0	21	16	384
09:15	1	2	215	168	69	63	0	0	101	108	7	6	2	0	16	15	362
09:30	1	1	197	173	56	54	0	0	90	98	10	8	1	0	15	14	348
09:45	0	0	177	164	69	67	0	0	98	106	7	6	3	1	12	11	355
16:00	0	0	146	155	70	69	0	0	156	150	8	7	0	0	24	23	405
16:15	0	0	134	138	55	53	0	0	192	179	7	6	0	0	28	29	404
16:30	2	0	165	163	54	52	0	0	215	192	11	10	2	2	26	24	445
16:45	1	1	138	136	55	53	0	0	188	169	8	8	1	0	32	31	398
17:00	1	1	146	152	57	59	0	0	201	171	4	2	2	0	37	34	420
17:15	0	0	137	130	57	54	0	0	176	154	9	6	0	0	41	37	381
17:30	0	0	155	141	58	53	0	0	211	170	4	5	1	1	32	29	399
17:45	0	0	161	151	53	47	0	0	219	174	17	13	2	2	36	33	420
18:00	0	0	194	188	65	61	0	0	225	168	7	4	1	0	42	37	459
18:15	1	0	194	193	59	54	0	0	257	191	17	14	3	1	30	27	481
18:30	0	0	201	191	56	53	0	0	223	165	17	10	2	1	34	30	451
18:45	0	0	184	181	62	60	0	0	243	190	8	8	1	0	25	25	463

Site 15 - Stanhope Street / Robert Street

	Lane A1						Lane B1						Lane C1						Lane D1						Junction Total PCUs
	A to D		A to C		A to B		B to A		B to D		B to C		C to B		C to A		C to D		D to C		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	
07:00	0	0	5	5	1	0	1	1	43	39	18	16	1	1	3	3	3	3	7	7	12	12	1	1	88
07:15	1	0	6	4	2	2	2	3	59	56	13	11	0	0	3	2	3	3	6	7	10	10	1	1	99
07:30	6	5	11	8	1	0	4	3	51	50	18	17	1	1	2	2	1	1	4	4	13	11	4	2	104
07:45	0	0	12	8	4	4	3	3	56	54	34	27	3	2	4	3	5	4	7	7	11	10	0	0	121
08:00	5	4	17	12	5	3	1	1	40	41	31	30	2	2	4	3	3	3	1	1	12	9	1	1	111
08:15	7	7	25	18	1	0	4	4	65	63	32	26	0	0	7	7	3	3	3	1	11	7	0	0	137
08:30	2	1	32	20	3	1	5	6	60	54	25	22	2	2	8	8	4	4	7	4	19	17	7	7	146
08:45	2	3	37	25	3	3	5	5	60	50	25	19	1	2	9	10	3	3	5	4	22	18	8	9	149
09:00	6	7	37	21	1	1	13	13	49	48	31	26	4	4	12	10	6	5	6	6	16	12	5	5	158
09:15	1	1	30	16	1	0	6	5	42	39	25	22	1	1	4	4	5	5	2	2	21	21	3	2	118
09:30	2	2	16	12	2	1	5	5	44	41	21	17	1	1	3	3	4	4	3	3	15	15	5	6	108
09:45	2	2	18	14	0	0	6	7	39	35	10	7	2	2	4	4	3	2	3	3	20	18	4	5	99
16:00	0	0	14	13	1	1	10	10	41	40	20	20	2	1	16	12	4	4	6	4	25	25	9	9	138
16:15	1	1	12	8	3	3	9	9	42	40	15	15	3	3	12	8	3	3	4	4	20	18	6	6	117
16:30	2	2	16	12	1	1	10	9	36	32	13	12	1	1	11	9	7	7	1	0	33	29	14	14	129
16:45	2	1	10	8	3	2	16	16	36	34	10	10	7	6	13	8	2	2	4	4	28	27	12	10	128
17:00	3	3	9	7	2	2	9	9	30	28	6	5	2	2	18	14	2	2	1	0	39	33	12	9	115
17:15	3	3	7	7	1	1	8	7	53	50	8	8	3	2	17	11	3	2	5	5	31	32	11	9	135
17:30	2	0	10	9	4	3	8	6	62	59	9	9	4	4	19	11	4	3	6	6	32	29	19	18	158
17:45	4	2	6	4	4	2	8	8	24	21	10	9	5	4	22	10	3	2	4	4	22	20	7	6	93
18:00	3	2	15	13	2	2	7	7	33	27	9	8	3	2	23	16	4	4	1	1	26	22	4	4	109
18:15	1	0	6	3	5	4	14	13	29	23	17	19	3	2	18	11	7	4	7	5	26	23	9	8	115
18:30	1	1	18	16	3	3	9	9	33	21	14	13	4	4	17	12	4	3	4	2	22	17	7	6	106
18:45	4	4	12	11	3	2	7	7	38	32	10	9	0	0	8	7	4	3	5	5	17	15	7	7	102

Site 16 - Hampstead Road / Drummond Street

	Lane A1						Lane A2						Lane B1						Lane C1						Lane C2			
	A to D		A to C		A to B		A to D		A to C		A to B		B to A		B to D		B to C		C to B		C to A		C to D		C to B		C to A		C to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	67	63	5	5	0	0	121	120	0	0	4	4	10	8	5	5	0	0	23	25	17	16	0	0	47	49	1	2
07:15	0	0	62	58	8	8	0	0	111	112	0	0	4	4	22	17	3	3	0	0	21	23	15	12	0	0	42	49	0	0
07:30	0	0	80	56	8	7	0	0	131	127	0	0	4	4	21	15	4	4	0	0	24	22	19	12	0	0	68	75	1	2
07:45	0	0	94	65	9	8	0	0	119	122	0	0	7	6	24	20	3	4	0	0	21	19	22	15	0	0	55	60	5	8
08:00	0	0	68	45	16	15	0	0	116	111	0	0	5	5	38	30	4	3	0	0	18	20	15	10	0	0	55	63	0	0
08:15	0	0	78	53	13	11	0	0	130	122	1	1	2	2	23	17	4	4	0	0	26	23	19	12	0	0	64	68	1	1
08:30	0	0	101	50	8	8	0	0	124	116	0	0	10	11	42	28	9	8	1	0	28	27	23	18	0	0	51	52	2	3
08:45	0	0	106	58	16	15	1	0	130	118	1	1	9	9	38	31	5	3	0	0	29	26	29	19	0	0	63	68	2	4
09:00	0	0	91	54	7	6	1	0	144	133	0	0	5	4	40	31	4	4	0	0	22	24	36	25	1	0	65	70	0	0
09:15	0	0	85	47	7	7	0	0	105	105	1	1	9	7	25	23	7	5	0	0	19	15	28	19	0	0	65	72	1	0
09:30	0	0	64	44	6	6	0	0	120	121	1	2	4	4	24	22	7	7	0	0	24	27	20	17	0	0	69	74	3	5
09:45	0	0	59	45	7	6	0	0	107	109	2	2	4	4	18	17	4	4	0	0	25	33	13	10	0	0	72	72	1	2
16:00	0	0	37	48	13	12	0	0	97	93	0	0	9	8	39	37	11	10	0	0	33	23	19	17	0	0	102	107	0	0
16:15	0	0	35	38	8	8	0	0	95	98	0	0	12	10	37	33	6	6	0	0	47	36	18	17	0	0	126	126	0	0
16:30	0	0	39	39	11	10	0	0	98	98	1	1	10	10	45	39	12	12	1	0	53	35	16	15	0	0	146	142	0	0
16:45	0	0	40	44	6	6	0	0	83	79	2	2	11	10	37	34	9	9	0	0	50	36	25	25	0	0	116	115	1	1
17:00	0	0	36	40	17	15	0	0	95	94	0	0	7	7	37	32	4	4	0	0	63	35	24	22	0	0	129	125	0	0
17:15	0	0	37	32	12	10	0	0	92	91	1	1	2	2	32	30	13	12	0	0	53	34	16	13	2	1	108	104	0	0
17:30	0	0	54	42	16	16	0	0	89	84	0	0	4	4	44	41	8	6	0	0	69	36	27	23	0	0	125	121	0	0
17:45	0	0	51	44	14	12	0	0	88	85	0	0	3	2	41	38	10	8	0	0	95	50	18	13	2	0	122	114	0	0
18:00	0	0	60	57	19	13	0	0	116	113	1	1	4	3	35	29	7	6	0	0	94	47	12	11	0	0	101	96	0	0
18:15	0	0	50	48	18	17	0	0	126	123	1	1	13	11	36	27	3	3	0	0	117	56	18	16	0	0	141	129	0	0
18:30	0	0	48	41	16	15	0	0	127	123	0	0	9	9	38	30	12	7	0	0	106	50	19	17	0	0	106	96	0	0
18:45	0	0	47	44	12	12	0	0	110	111	0	0	11	10	31	30	9	8	0	0	98	50	30	23	1	0	114	114	0	0

Site 18 - Eversholt Street / Phoenix Road

	Lane A1				Lane B1				Lane C1				Junction Total PCUs
	A to C		A to B		B to A		B to C		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	
07:00	49	47	4	4	1	1	3	1	1	1	80	79	132
07:15	70	67	5	5	3	3	6	4	3	1	63	68	147
07:30	87	65	5	5	12	11	4	2	3	1	80	74	157
07:45	81	66	5	5	10	11	7	4	3	2	93	86	174
08:00	73	52	8	8	13	12	8	2	1	0	82	72	146
08:15	105	62	8	8	17	15	9	4	5	3	81	70	161
08:30	99	62	3	2	7	7	9	5	6	4	82	66	145
08:45	103	63	9	9	15	13	12	5	6	4	83	74	168
09:00	93	67	13	13	12	11	12	6	5	3	78	69	169
09:15	92	68	13	13	10	9	11	6	8	8	79	66	169
09:30	78	60	9	9	11	11	12	6	1	1	84	72	159
09:45	73	61	6	6	5	5	6	4	5	4	79	72	152
16:00	60	59	9	8	14	14	3	1	4	2	109	103	187
16:15	57	45	4	4	16	16	8	6	4	3	98	82	155
16:30	53	46	5	5	12	12	6	3	4	2	85	73	141
16:45	53	40	11	11	13	12	11	5	8	4	103	85	157
17:00	68	56	3	3	16	16	4	3	11	5	104	90	173
17:15	82	57	6	6	14	13	6	4	2	0	108	85	165
17:30	57	43	5	5	8	7	10	6	7	3	124	78	141
17:45	81	62	8	7	18	18	8	5	8	3	120	86	180
18:00	88	72	13	12	18	15	6	5	5	3	146	105	212
18:15	79	62	5	5	23	21	10	5	8	2	122	93	188
18:30	89	77	10	10	12	12	9	6	9	7	158	108	218
18:45	74	66	5	5	14	14	5	4	7	5	139	109	202

Site 15 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 16 -

	Lane D1						Junction
	D to C		D to B		D to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	10	8	2	2	306
07:15	0	0	14	12	4	5	303
07:30	0	0	11	11	4	5	338
07:45	0	0	18	16	3	3	345
08:00	1	0	12	10	7	7	318
08:15	1	0	22	16	4	4	335
08:30	2	0	28	24	8	9	353
08:45	2	0	24	19	5	5	374
09:00	2	1	20	17	5	3	371
09:15	0	0	21	20	5	6	326
09:30	5	1	23	22	7	6	355
09:45	0	0	23	21	6	6	329
16:00	3	1	30	29	8	6	391
16:15	1	0	24	19	11	9	400
16:30	0	0	21	17	13	10	428
16:45	3	1	30	29	9	8	395
17:00	3	1	29	26	10	9	409
17:15	5	2	37	31	6	5	367
17:30	1	0	45	34	13	10	418
17:45	3	1	28	20	7	8	397
18:00	7	1	43	31	20	19	427
18:15	2	0	27	19	7	6	456
18:30	5	2	21	13	9	9	410
18:45	3	1	35	28	9	7	435

Site 18 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 19 - Eversholt Street / Drummond Crescent

	Lane A1		Lane 2		Lane B1				Lane C1		Junction
	A to C		A to C		B to A		B to C		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	15	10	38	37	5	6	2	1	81	80	134
07:15	14	5	61	64	1	1	0	0	62	62	132
07:30	32	14	59	57	1	1	3	3	79	74	149
07:45	26	12	55	52	5	5	4	4	95	86	159
08:00	27	11	58	48	5	5	2	2	82	73	138
08:15	51	14	58	50	2	2	3	4	77	66	135
08:30	49	15	58	51	2	2	3	3	91	69	139
08:45	58	13	60	56	3	3	1	1	83	74	147
09:00	39	10	62	59	2	2	2	2	82	69	143
09:15	51	18	60	56	4	3	1	1	83	74	152
09:30	28	12	57	56	5	5	3	2	78	67	142
09:45	31	16	47	49	3	2	2	3	83	72	141
16:00	17	15	51	50	4	3	1	1	112	105	174
16:15	18	6	47	47	5	5	2	2	94	82	141
16:30	13	4	44	42	4	4	5	4	91	70	124
16:45	23	5	45	45	6	2	4	2	98	84	139
17:00	18	9	45	43	5	4	2	2	116	96	153
17:15	30	8	56	55	9	7	1	1	90	73	144
17:30	23	6	45	44	4	4	4	3	133	84	141
17:45	32	9	49	46	6	5	3	3	119	77	139
18:00	24	9	71	70	6	5	7	6	147	103	194
18:15	30	10	63	62	6	4	2	2	122	88	166
18:30	30	12	68	68	7	4	3	3	154	107	194
18:45	22	12	64	63	2	2	2	3	145	110	189

Site 20 - Eversholt Street / Doric Way

	Lane A1				Lane A2				Lane C1				Junction
	A to C		A to B		A to C		A to B		C to B		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	17	11	0	0	36	35	2	2	5	4	82	82	133
07:15	17	14	0	0	54	51	3	3	1	0	61	62	130
07:30	32	17	1	1	55	50	3	3	4	2	81	76	149
07:45	25	14	1	0	56	51	6	6	1	2	94	86	159
08:00	28	13	3	1	54	45	2	2	4	5	79	70	135
08:15	51	17	3	1	58	49	2	2	4	2	81	67	138
08:30	46	13	1	0	59	51	2	2	2	1	92	70	136
08:45	50	12	0	0	63	56	4	4	4	3	79	72	146
09:00	37	15	1	0	62	53	4	4	1	1	88	74	148
09:15	50	20	2	1	55	49	3	3	5	3	81	72	147
09:30	32	16	0	0	56	52	2	2	4	3	76	65	138
09:45	30	18	2	2	34	33	3	4	2	0	80	70	127
16:00	17	19	2	1	48	45	1	1	0	0	109	103	169
16:15	20	9	2	1	42	42	2	3	2	1	95	82	137
16:30	16	9	1	0	43	38	3	3	4	3	96	73	127
16:45	31	16	1	1	38	35	3	3	3	1	96	83	139
17:00	20	11	0	0	42	39	2	2	3	1	120	97	151
17:15	35	17	2	1	46	42	6	6	1	0	92	72	139
17:30	27	11	1	1	41	35	4	4	10	6	130	82	139
17:45	30	13	2	0	46	41	3	3	3	1	119	79	137
18:00	27	16	2	1	67	63	4	4	6	4	141	100	188
18:15	35	22	0	0	51	46	6	6	5	3	123	89	166
18:30	31	12	3	2	62	62	3	3	5	3	161	112	195
18:45	31	22	0	0	50	50	4	5	2	0	137	105	181

Site 21 - Eversholt Street / Grafton Place

	Lane A1						Lane A2						Lane B1						Lane C1						Lane C2					
	A to D		A to C		A to B		A to D		A to C		A to B		B to A		B to D		B to C		C to B		C to A		C to D		C to B		C to A		C to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	1	0	44	37	4	3	3	4	3	3	0	0	23	24	9	16	0	0	0	0	20	14	6	12	9	10	46	45	1	2
07:15	0	0	53	48	10	8	3	6	6	2	0	0	15	16	11	22	1	1	0	0	16	11	5	10	11	12	35	35	0	0
07:30	0	0	65	57	10	9	3	4	10	5	0	0	19	17	5	10	2	1	0	0	28	15	8	16	11	10	53	51	0	0
07:45	0	0	50	42	9	9	4	8	9	4	0	0	20	19	11	22	0	0	0	0	33	22	8	11	14	12	43	40	1	1
08:00	0	0	59	41	14	12	2	4	12	6	0	0	24	21	5	10	0	0	0	0	20	9	6	10	10	9	51	48	3	6
08:15	0	0	72	42	11	10	3	4	17	9	0	0	16	17	14	28	0	0	0	0	26	9	4	8	15	14	40	38	3	6
08:30	0	0	73	48	5	3	2	2	14	5	0	0	22	19	9	18	2	1	0	0	38	15	7	10	10	10	40	36	0	0
08:45	0	0	82	54	11	8	1	2	21	6	0	0	23	23	8	14	2	2	0	0	30	10	5	10	8	8	40	41	0	0
09:00	0	0	66	44	16	15	1	2	13	6	0	0	20	21	11	22	1	1	0	0	26	15	6	10	9	12	39	36	1	2
09:15	0	0	60	40	14	11	3	6	19	9	0	0	24	24	10	20	0	0	0	0	25	13	7	12	11	12	37	36	1	2
09:30	1	0	61	47	12	11	5	6	14	8	0	0	17	17	7	14	3	2	0	0	26	10	8	14	13	11	43	42	0	0
09:45	0	0	31	28	8	6	1	2	11	3	0	0	21	21	7	14	2	2	0	0	25	10	8	14	13	13	37	39	0	0
16:00	2	0	47	45	12	10	4	8	3	1	0	0	26	24	6	12	1	1	0	0	26	20	4	8	11	11	61	58	1	2
16:15	0	0	45	38	11	11	2	4	7	4	0	0	23	21	7	14	2	2	0	0	30	13	8	16	14	16	54	49	0	0
16:30	0	0	39	31	9	8	3	6	4	2	0	0	27	23	6	12	2	2	0	0	23	10	5	10	5	6	45	39	1	2
16:45	0	0	52	35	8	7	3	6	8	5	0	0	17	12	12	24	2	2	0	0	27	14	3	6	8	10	51	48	0	0
17:00	0	0	40	30	9	8	2	4	10	4	0	0	31	27	8	16	1	0	0	0	27	7	8	14	9	10	61	59	1	2
17:15	0	0	68	44	12	10	5	8	3	1	0	0	16	12	3	6	4	3	2	1	32	7	4	6	10	11	49	48	3	6
17:30	0	0	42	30	8	8	1	2	8	3	0	0	31	22	7	14	1	1	0	0	40	9	0	0	9	8	67	53	2	4
17:45	0	0	53	35	13	10	3	6	9	3	0	0	37	27	11	20	1	1	0	0	2	0	0	0	0	0	87	55	10	20
18:00	0	0	70	56	10	9	2	4	19	7	1	1	32	30	5	10	3	3	0	0	55	23	5	10	10	10	67	50	2	4
18:15	0	0	57	51	18	15	6	8	17	5	0	0	29	25	6	12	6	5	0	0	56	23	6	10	7	6	55	52	0	0
18:30	0	0	68	53	14	13	1	0	7	2	0	0	39	33	6	12	2	2	0	0	60	18	7	12	9	8	71	63	0	0
18:45	0	0	61	54	8	8	5	10	10	7	0	0	28	24	8	16	1	1	0	0	47	21	5	8	4	4	67	59	1	2

Site 19 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 20 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 21 -

	Lane D1						Lane D2						Junction
	D to C		D to B		D to A		D to C		D to B		D to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	2	4	2	2	0	0	2	3	10	20	2	4	204
07:15	4	6	2	2	0	0	3	2	17	34	3	6	221
07:30	4	8	2	0	0	0	0	0	18	36	3	6	246
07:45	4	8	1	0	1	0	1	0	19	38	2	4	239
08:00	5	8	1	0	0	0	1	0	18	36	3	6	227
08:15	5	10	2	2	0	0	1	0	11	21	3	6	225
08:30	4	8	0	0	0	0	1	2	20	40	2	4	221
08:45	4	6	0	0	0	0	3	2	16	32	3	6	225
09:00	4	4	2	4	0	0	2	2	18	34	2	4	235
09:15	4	6	1	0	0	0	2	2	22	44	2	4	241
09:30	1	2	0	0	0	0	0	0	16	32	2	4	220
09:45	3	2	2	2	0	0	5	8	16	32	4	6	204
16:00	3	6	1	2	0	0	1	2	17	34	2	4	249
16:15	2	4	0	0	0	0	3	3	17	33	3	6	232
16:30	2	4	0	0	1	1	0	0	18	36	2	4	196
16:45	4	8	0	0	0	0	2	4	14	28	3	6	215
17:00	3	6	0	0	0	0	1	2	11	22	2	4	215
17:15	4	8	0	0	1	2	1	2	16	32	3	6	214
17:30	1	2	0	0	0	0	1	2	21	42	2	4	203
17:45	1	2	2	0	2	0	2	4	15	30	2	4	218
18:00	4	8	3	2	1	2	3	4	13	26	2	4	262
18:15	5	3	0	0	2	0	1	2	16	30	3	4	252
18:30	5	10	0	0	1	0	3	4	12	24	2	4	259
18:45	4	8	0	0	1	0	3	1	18	36	3	6	265

Site 23 - Euston Road / Churchway

	Lane A1						Lane B1						Lane B2						Lane B3						Lane C1					
	A to D		A to C		A to B		B to A		B to D		B to C		B to A		B to D		B to C		B to A		B to D		B to C		C to B		C to A		C to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	3	3	3	1	31	42	1	0	97	85	1	1	0	0	244	256	0	0	16	21	114	113	0	0	0	0	0	0	1	0
07:15	1	1	6	3	33	47	0	0	105	92	16	17	0	0	227	236	1	1	20	25	95	94	0	0	0	0	0	0	1	1
07:30	3	4	8	5	36	55	0	0	133	119	13	13	0	0	164	168	2	2	17	21	73	70	0	0	0	0	2	0	1	2
07:45	2	2	5	3	33	49	0	0	149	121	20	19	0	0	171	176	1	1	12	16	108	110	0	0	0	0	3	1	5	6
08:00	3	2	7	4	30	44	0	0	115	96	23	23	0	0	175	184	1	1	17	19	116	110	0	0	1	2	1	0	1	0
08:15	3	2	2	1	37	51	0	0	144	111	20	19	1	0	205	206	2	2	19	25	71	70	0	0	1	2	1	0	3	2
08:30	0	0	13	4	35	55	1	0	166	129	15	16	0	0	156	158	0	0	16	21	97	96	0	0	0	0	2	0	2	2
08:45	0	0	9	4	31	40	0	0	194	142	17	17	0	0	172	162	0	0	20	25	69	73	0	0	0	0	1	0	1	0
09:00	4	5	6	3	36	56	0	0	160	127	25	26	0	0	183	177	2	2	29	35	82	80	0	0	0	0	2	0	0	0
09:15	1	1	10	6	36	51	0	0	152	148	26	27	0	0	176	181	2	2	17	22	87	89	0	0	0	0	2	1	0	0
09:30	4	3	3	2	37	58	0	0	144	140	19	19	0	0	150	149	1	1	17	20	85	84	0	0	0	0	1	1	2	2
09:45	4	6	1	1	35	51	0	0	133	126	19	18	0	0	156	165	2	2	13	14	102	102	0	0	0	0	2	0	1	0
16:00	2	2	4	1	39	59	0	0	109	117	4	4	0	0	78	85	0	0	19	22	63	66	0	0	1	0	2	0	0	0
16:15	2	2	2	2	36	51	0	0	111	113	11	11	0	0	95	94	0	0	20	23	54	52	0	0	0	0	6	1	2	1
16:30	1	1	2	1	30	47	0	0	104	105	15	15	0	0	79	74	2	2	23	24	46	45	0	0	1	1	1	1	4	2
16:45	3	3	5	5	33	48	0	0	131	129	9	9	0	0	91	86	0	0	22	28	52	50	0	0	0	0	5	1	0	0
17:00	0	0	4	3	35	49	0	0	125	117	13	13	0	0	91	86	0	0	21	24	70	68	0	0	1	1	6	2	2	1
17:15	2	1	2	2	34	51	0	0	146	112	14	14	0	0	84	77	1	1	15	16	53	53	0	0	0	0	6	1	2	1
17:30	0	0	3	3	33	48	0	0	143	132	18	18	0	0	131	120	2	2	16	17	49	49	0	0	0	0	5	1	6	4
17:45	3	3	4	2	40	53	0	0	145	130	14	13	2	1	106	93	0	0	25	25	52	49	0	0	0	0	13	4	4	2
18:00	3	3	5	4	22	30	0	0	167	146	10	9	1	0	136	126	1	1	21	23	60	55	0	0	0	0	6	1	3	1
18:15	3	2	1	1	31	44	0	0	169	146	10	10	0	0	129	121	0	0	21	21	70	65	0	0	0	0	9	2	2	0
18:30	3	4	1	0	31	42	1	0	165	129	13	12	0	0	113	107	3	3	20	23	70	66	0	0	1	1	5	1	4	3
18:45	1	1	2	2	31	51	0	0	174	166	10	10	0	0	184	176	1	1	16	17	75	74	0	0	0	0	5	1	1	1

Site 24 - Euston Road / Euston Square

	Lane A1						Lane A2						Lane B1						Lane B2						Lane B3					
	A to D		A to C		A to B		A to D		A to C		A to B		B to A		B to D		B to C		B to A		B to D		B to C		B to A		B to D		B to C	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	36	34	0	0	0	0	15	13	0	0	0	0	81	69	25	25	0	0	182	188	0	0	1	1	182	184	0	0
07:15	0	0	41	34	2	2	0	0	24	21	0	0	0	0	79	68	39	37	0	0	142	150	0	0	1	1	140	139	0	0
07:30	0	0	52	44	0	0	0	0	28	24	0	0	0	0	114	96	42	40	0	0	135	140	0	0	0	0	83	82	0	0
07:45	0	0	39	33	0	0	0	0	28	21	0	0	0	0	113	91	39	39	0	0	139	143	0	0	0	0	135	137	0	0
08:00	0	0	54	38	1	1	0	0	30	23	0	0	0	0	99	76	51	49	0	0	133	145	0	0	0	0	119	115	0	0
08:15	0	0	51	34	0	0	0	0	42	26	0	0	0	0	119	93	51	45	0	0	147	144	0	0	0	0	142	142	0	0
08:30	0	0	48	34	0	0	0	0	52	28	0	0	0	0	117	96	47	43	0	0	137	132	0	0	0	0	109	108	0	0
08:45	0	0	48	33	0	0	1	0	68	40	0	0	0	0	146	102	37	32	0	0	122	119	1	1	0	0	114	114	0	0
09:00	0	0	38	29	0	0	0	0	49	30	0	0	0	0	117	91	44	41	0	0	137	131	0	0	0	0	132	129	0	0
09:15	0	0	35	25	0	0	0	0	38	21	1	1	0	0	99	92	46	46	0	0	142	152	0	0	0	0	114	109	0	0
09:30	0	0	45	33	0	0	0	0	45	30	0	0	0	0	94	84	44	47	0	0	139	140	0	0	0	0	131	128	0	0
09:45	0	0	21	25	0	0	0	0	35	22	0	0	0	0	90	88	50	52	0	0	168	174	1	1	0	0	123	124	0	0
16:00	0	0	25	29	2	1	0	0	26	23	0	0	0	0	97	99	38	41	0	0	78	82	0	0	0	0	73	75	0	0
16:15	0	0	36	32	2	2	0	0	24	23	0	0	0	0	90	86	46	48	0	0	65	69	1	2	0	0	73	73	0	0
16:30	0	0	29	22	0	0	0	0	18	15	0	0	0	0	91	85	44	41	0	0	54	53	3	3	0	0	55	55	0	0
16:45	0	0	35	26	1	1	0	0	32	28	0	0	0	0	104	101	41	43	0	0	66	63	1	1	0	0	63	62	0	0
17:00	0	0	27	16	0	0	1	1	25	24	1	1	0	0	89	78	36	35	0	0	75	76	0	0	0	0	73	72	0	0
17:15	0	0	38	20	1	0	0	0	35	34	0	0	0	0	103	72	51	51	0	0	55	54	2	2	0	0	56	54	0	0
17:30	0	0	31	17	0	0	0	0	29	22	1	1	0	0	111	95	44	42	0	0	95	96	2	2	0	0	87	81	0	0
17:45	0	0	35	22	1	0	0	0	20	16	0	0	0	0	107	94	47	46	0	0	82	73	2	2	0	0	76	68	0	0
18:00	0	0	45	32	0	0	0	0	48	41	0	0	0	0	119	97	46	48	0	0	93	85	2	2	0	0	88	81	0	0
18:15	0	0	41	28	2	1	1	1	46	43	1	0	0	0	147	123	41	41	0	0	99	91	3	3	0	0	83	81	0	0
18:30	0	0	49	36	0	0	0	0	44	40	0	0	0	0	129	99	43	44	0	0	80	76	2	2	0	0	86	80	0	0
18:45	0	0	36	32	3	1	2	0	39	33	0	0	0	0	161	131	48	48	0	0	121	123	4	4	0	0	109	103	0	0

Site 25 - Euston Road / Euston Square Gardens

	Lane A1				Lane B1				Lane B2				Lane B3				Lane C1				Lane C2				Lane C3				Junction
	A to C		A to B		B to A		B to C		B to A		B to C		B to A		B to C		C to B		C to A		C to B		C to A		C to B		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	7	10	0	0	0	0	80	62	0	0	203	213	0	0	219	220	138	118	7	14	222	228	0	0	105	107	0	0	972
07:15	6	12	0	0	0	0	76	70	0	0	151	156	0	0	160	160	138	120	12	24	230	233	0	0	93	98	0	0	872
07:30	5	8	0	0	0	0	122	96	0	0	141	143	0	0	120	122	120	97	12	24	202	200	0	0	118	113	0	0	804
07:45	5	10	1	1	0	0	120	88	0	0	159	166	0	0	154	153	124	95	12	22	235	233	0	0	116	120	0	0	887
08:00	5	8	0	0	0	0	118	86	0	0	117	134	0	0	149	149	114	88	13	26	214	211	2	4	109	103	0	0	809
08:15	6	10	1	0	0	0	141	102	0	0	139	146	0	0	135	138	162	125	8	14	215	209	1	2	108	104	0	0	851
08:30	6	10	0	0	0	0	142	106	0	0	138	139	0	0	139	140	167	128	9	18	217	215	1	2	91	88	0	0	844
08:45	5	10	1	0	0	0	160	104	0	0	122	123	0	0	127	128	144	111	14	28	226	219	0	0	81	80	0	0	804
09:00	5	10	0	0	0	0	123	81	0	0	165	163	0	0	144	145	173	139	4	8	180	182	5	10	99	96	0	0	833
09:15	5	8	0	0	0	0	130	117	0	0	146	154	0	0	139	146	149	131	8	14	222	221	8	16	74	76	0	0	884
09:30	7	10	0	0	0	0	90	75	0	0	169	171	0	0	146	146	168	144	9	16	222	225	1	2	62	64	0	0	852
09:45	6	8	0	0	0	0	95	80	0	0	162	175	0	0	158	159	154	141	12	24	224	230	1	2	84	87	0	0	906
16:00	4	8	0	0	0	0	100	99	0	0	82	83	0	0	78	81	144	135	12	24	133	128	0	0	116	115	0	0	673
16:15	4	8	0	0	0	0	110	106	0	0	82	86	0	0	79	80	160	152	14	24	109	113	1	1	129	125	0	0	694
16:30	4	8	0	0	0	0	122	105	0	0	69	70	0	0	74	75	167	148	11	21	137	130	1	2	111	111	0	0	668
16:45	5	8	0	0	0	0	114	108	0	0	73	69	0	0	76	76	150	141	7	14	123	116	1	2	123	115	0	0	649
17:00	3	6	2	0	0	0	109	95	0	0	89	85	0	0	79	80	137	116	12	22	101	98	0	0	109	102	0	0	604
17:15	3	4	0	0	0	0	125	92	0	0	66	66	0	0	72	73	162	133	12	22	101	91	0	0	105	103	0	0	594
17:30	5	10	0	0	0	0	90	76	0	0	106	100	0	0	95	91	233	195	15	28	185	175	0	0	136	128	0	0	802
17:45	5	8	1	0	0	0	74	83	0	0	108	83	0	0	92	84	192	166	11	18	164	155	0	0	143	127	0	0	724
18:00	5	10	1	0	0	0	174	132	0	0	117	113	0	0	81	80	231	182	13	26	158	152	0	0	147	133	0	0	828
18:15	6	8	0	0	0	0	162	133	0	0	131	117	0	0	77	79	222	170	14	23	189	176	0	0	137	129	0	0	833
18:30	4	8	0	0	0	0	160	120	0	0	120	110	0	0	87	85	232	194	10	16	222	211	2	4	76	73	0	0	821
18:45	5	10	0	0	0	0	149	138	0	0	123	115	0	0	119	117	202	166	8	16	237	222	5	10	87	83	0	0	878

Site 23 -

	Lane D1						Lane D2						Junction Total
	D to C		D to B		D to A		D to C		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	147	127	8	12	0	0	201	208	0	0	869
07:15	0	0	178	166	16	25	0	0	223	216	0	0	923
07:30	0	0	158	132	3	5	0	0	188	190	0	0	785
07:45	0	0	143	122	16	23	0	0	223	215	0	0	862
08:00	0	0	172	142	13	15	0	0	208	204	0	0	845
08:15	0	0	156	122	16	25	0	0	229	218	0	0	855
08:30	0	0	157	123	18	24	0	0	221	208	0	0	835
08:45	0	0	165	136	10	12	0	0	212	205	0	0	815
09:00	0	0	153	125	10	16	0	0	201	196	0	0	848
09:15	0	0	166	152	10	14	0	0	216	209	0	0	902
09:30	0	0	167	155	10	15	0	0	206	198	0	0	846
09:45	0	0	145	135	17	23	0	0	201	200	0	0	843
16:00	0	0	155	141	15	19	0	0	177	169	1	1	684
16:15	0	0	173	162	13	16	0	0	164	159	0	0	686
16:30	0	0	175	152	12	16	0	0	166	157	0	0	642
16:45	0	0	166	158	9	14	0	0	180	170	0	0	701
17:00	0	0	138	119	8	11	0	0	158	151	1	1	646
17:15	0	0	155	127	8	10	0	0	182	168	0	0	633
17:30	0	0	224	194	11	15	0	0	229	212	0	0	815
17:45	0	0	181	164	13	20	0	0	213	193	0	0	752
18:00	0	0	209	185	17	21	0	0	231	198	0	0	802
18:15	0	0	235	194	20	22	0	0	227	209	0	0	838
18:30	0	0	215	181	18	21	0	0	235	210	0	0	802
18:45	0	0	178	149	19	23	0	0	228	211	0	0	881

Site 24 -

	Lane C1						Lane C2						Lane D1						Lane D2						Lane D3						Junction Total
	C to B		C to A		C to D		C to B		C to A		C to D		D to C		D to B		D to A		D to C		D to B		D to A		D to C		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	19	23	28	29	1	0	61	58	10	10	0	0	172	161	0	0	5	3	202	202	0	0	71	72	0	0	0	0	1072
07:15	0	0	11	17	22	24	3	1	55	51	9	10	0	0	176	163	0	0	9	5	222	223	0	0	71	74	1	1	0	0	1020
07:30	0	0	27	26	26	25	0	0	65	61	10	10	0	0	149	130	0	0	14	6	201	200	0	0	74	74	0	0	0	0	958
07:45	0	0	37	29	19	20	1	0	64	58	4	4	0	0	159	142	1	1	14	5	217	216	0	0	71	73	1	1	0	0	1013
08:00	0	0	29	27	20	22	0	0	56	54	3	3	0	0	161	138	1	0	9	3	213	206	0	0	67	69	2	3	0	0	973
08:15	0	0	27	25	31	31	1	0	62	55	6	6	0	0	178	151	0	0	4	1	226	218	0	0	70	66	3	2	0	0	1037
08:30	0	0	36	20	25	26	0	0	58	49	2	2	0	0	185	146	0	0	17	8	210	205	0	0	62	59	0	0	0	0	955
08:45	0	0	25	21	16	18	0	0	59	52	5	8	0	0	180	152	0	0	17	8	193	190	0	0	81	77	0	0	0	0	965
09:00	0	0	26	28	19	20	0	0	53	46	2	2	0	0	182	154	0	0	5	2	188	191	0	0	67	61	0	0	0	0	953
09:15	0	0	25	28	21	25	1	0	55	47	6	9	0	0	193	179	0	0	8	4	192	193	0	0	70	69	0	0	0	0	998
09:30	0	0	26	24	44	48	1	0	64	56	0	0	0	0	181	165	1	0	8	3	189	191	0	0	51	53	0	0	0	0	1001
09:45	0	0	30	29	31	32	0	0	50	45	5	5	0	0	183	176	1	0	7	3	198	203	0	0	66	70	0	0	0	0	1050
16:00	0	0	22	24	32	30	1	0	75	69	9	8	0	0	166	162	1	1	0	0	172	163	0	0	63	62	2	1	0	0	869
16:15	0	0	39	33	37	36	0	0	63	58	12	12	0	0	168	162	2	0	0	0	169	167	0	0	50	49	0	0	0	0	850
16:30	0	0	26	21	20	21	1	0	54	47	12	13	0	0	185	168	0	0	0	0	177	166	0	0	53	54	1	1	0	0	763
16:45	0	0	25	24	19	20	1	1	59	51	7	6	0	0	177	170	0	0	0	0	166	157	0	0	48	45	1	0	0	0	799
17:00	0	0	37	27	24	22	1	0	67	62	6	7	0	0	79	70	0	0	1	0	201	196	0	0	40	34	9	10	0	0	730
17:15	0	0	38	27	19	19	0	0	58	48	16	16	0	0	69	61	2	2	1	1	250	223	0	0	38	34	21	18	0	0	736
17:30	0	0	22	7	6	6	2	1	94	66	14	11	0	0	249	214	0	0	1	0	239	224	0	0	58	57	0	0	0	0	939
17:45	0	0	47	38	22	17	0	0	54	43	6	5	0	0	214	196	1	0	1	1	192	180	1	1	58	48	10	7	0	0	857
18:00	0	0	47	29	27	23	0	0	87	63	11	10	0	0	248	213	0	0	2	0	222	203	0	0	62	58	1	0	0	0	985
18:15	0	0	47	30	19	15	0	0	74	58	8	8	0	0	246	202	0	0	3	1	229	213	0	0	61	58	0	0	0	0	997
18:30	0	0	50	28	37	26	0	0	96	73	8	9	0	0	253	219	1	0	3	2	218	202	0	0	65	62	0	0	0	0	998
18:45	0	0	39	30	31	28	0	0	84	65	5	5	0	0	219	183	2	1	3	2	212	200	0	0	68	68	0	0	0	0	1055

Site 25 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 26 - Euston Road / Melton Street

	Lane A1						Lane A2						Lane B1						Lane B2						Lane B3					
	A to D		A to C		A to B		A to D		A to C		A to B		B to A		B to D		B to C		B to A		B to D		B to C		B to A		B to D		B to C	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	29	22	15	14	16	16	19	15	2	3	0	0	74	61	3	1	0	0	207	218	0	0	0	0	220	220	0	0
07:15	0	0	30	25	19	20	31	32	23	22	0	0	0	0	78	74	1	0	0	0	152	163	1	1	0	0	157	155	0	0
07:30	0	0	51	34	29	27	24	20	27	21	0	0	0	0	116	95	3	1	0	0	147	151	0	0	1	1	134	136	0	0
07:45	0	0	49	34	28	28	18	18	23	18	1	1	0	0	119	90	3	1	0	0	157	167	0	0	0	0	157	154	0	0
08:00	0	0	78	55	39	37	36	34	29	25	1	2	0	0	114	99	2	0	0	0	119	130	1	1	0	0	155	153	0	0
08:15	0	0	52	32	34	34	25	24	38	27	0	0	0	0	136	110	4	1	0	0	144	149	0	0	0	0	144	146	0	0
08:30	0	0	74	44	30	28	29	28	50	34	0	0	0	0	142	103	3	1	0	0	137	143	0	0	0	0	136	136	0	0
08:45	0	0	88	56	47	47	26	24	54	36	0	0	0	0	158	109	1	0	0	0	129	130	0	0	0	0	139	138	0	0
09:00	0	0	59	43	34	34	39	42	36	27	1	1	0	0	125	87	2	0	0	0	155	160	0	0	0	0	158	155	0	0
09:15	0	0	42	32	33	30	30	31	34	28	0	0	0	0	116	107	0	0	0	0	152	163	0	0	0	0	165	167	0	0
09:30	0	0	65	53	26	25	49	48	30	26	0	0	0	0	72	61	2	1	0	0	182	189	0	0	0	0	154	151	0	0
09:45	0	0	56	42	31	31	48	47	12	11	0	0	0	0	92	76	1	0	0	0	175	193	1	1	0	0	164	167	0	0
16:00	0	0	53	45	45	44	32	32	26	25	2	2	0	0	110	110	2	1	0	0	80	84	0	0	0	0	78	79	0	0
16:15	0	0	40	34	41	38	28	28	58	54	6	6	0	0	106	109	2	1	0	0	84	88	0	0	0	0	77	78	0	0
16:30	0	0	21	20	45	44	25	24	34	33	1	1	0	0	113	104	2	1	0	0	67	67	0	0	0	0	83	83	0	0
16:45	1	1	36	30	36	36	23	24	31	32	2	2	0	0	122	114	2	1	0	0	65	66	1	1	0	0	72	73	0	0
17:00	0	0	25	21	42	41	16	17	45	42	1	1	1	0	122	108	1	0	0	0	84	84	0	0	0	0	76	76	0	0
17:15	0	0	20	13	37	37	17	16	35	31	2	2	0	0	141	103	0	0	0	0	69	69	0	0	0	0	75	76	0	0
17:30	0	0	40	25	56	50	24	23	40	34	2	2	0	0	112	87	1	0	0	0	91	92	0	0	0	0	90	90	1	1
17:45	0	0	35	23	36	32	22	21	38	29	2	2	0	0	114	107	0	0	0	0	83	70	2	0	0	0	75	71	0	0
18:00	0	0	60	44	48	44	39	39	24	18	0	0	0	0	169	140	0	0	0	0	102	95	1	1	0	0	100	100	0	0
18:15	0	0	40	31	36	31	18	18	40	36	1	1	0	0	156	132	3	3	0	0	98	99	1	0	1	0	114	108	0	0
18:30	1	1	45	35	35	33	38	38	19	14	1	1	0	0	133	97	1	1	0	0	122	118	0	0	0	0	106	103	0	0
18:45	0	0	38	31	30	27	23	22	33	28	0	0	0	0	130	115	1	1	0	0	135	127	0	0	0	0	120	118	0	0

Site 27 - Euston Road / Gower Street

	Lane A1				Lane A2				Lane C1		Junction
	A to C		A to B		A to C		A to B		C to B		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	5	3	46	54	11	11	43	42	159	161	271
07:15	5	6	48	56	17	21	40	41	165	159	283
07:30	9	13	62	68	21	13	57	55	156	142	291
07:45	5	3	63	67	16	16	42	41	189	168	295
08:00	6	6	60	72	14	15	52	49	200	176	318
08:15	6	10	73	73	16	10	51	49	184	148	290
08:30	7	10	60	62	18	14	54	51	237	190	327
08:45	3	2	72	73	33	17	52	40	217	172	305
09:00	0	0	68	69	22	13	46	39	238	207	328
09:15	3	4	63	69	16	19	39	41	211	193	326
09:30	3	6	53	56	24	19	34	33	198	183	297
09:45	5	3	52	51	12	11	37	35	205	199	299
16:00	3	6	53	62	16	19	39	37	167	163	287
16:15	5	6	45	52	7	12	42	43	171	170	284
16:30	6	7	45	45	5	5	53	54	181	181	291
16:45	4	5	49	53	16	27	29	31	158	154	270
17:00	2	2	50	53	16	18	27	28	159	153	254
17:15	1	2	33	36	5	8	44	45	149	142	233
17:30	3	1	51	48	17	20	41	39	179	172	279
17:45	5	8	41	48	14	19	32	32	195	168	275
18:00	7	7	57	65	8	12	44	41	229	211	335
18:15	7	7	43	47	10	13	42	42	224	209	318
18:30	7	3	53	52	9	14	30	29	246	237	335
18:45	8	9	58	63	12	13	45	45	204	194	323

Site 28 - Euston Road / Tottenham Court Road

	Lane A1						Lane A2						Lane A3						Lane C1						Lane D1					
	A to E		A to C		A to B		A to E		A to C		A to B		A to E		A to C		A to B		C to B		C to A		C to E		D to C		D to B		D to A	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	51	52	0	0	50	52	14	13	0	0	75	71	1	0	0	0	0	0	0	0	18	20	0	0	0	0	15	12
07:15	0	0	36	36	1	1	58	59	13	10	0	0	75	73	2	1	0	0	0	0	0	0	20	24	0	0	0	0	16	16
07:30	1	2	46	42	2	2	51	47	16	13	0	0	72	69	1	1	0	0	0	0	0	0	28	24	0	0	0	0	23	17
07:45	2	1	61	56	1	1	50	48	23	17	0	0	75	70	0	0	0	0	0	0	0	0	21	24	0	0	0	0	30	21
08:00	1	2	62	50	1	0	50	41	24	21	0	0	67	65	1	0	0	0	0	0	0	0	17	19	0	0	0	0	14	12
08:15	0	0	53	41	1	0	40	36	27	20	0	0	66	59	1	1	0	0	0	0	0	0	20	20	0	0	0	0	35	20
08:30	1	0	77	53	2	1	51	37	36	24	0	0	82	74	1	1	0	0	0	0	0	0	23	21	0	0	0	0	25	13
08:45	0	0	63	45	1	1	50	38	26	21	0	0	82	67	3	1	0	0	0	0	1	0	28	22	0	0	0	0	33	17
09:00	1	1	70	61	0	0	47	31	43	34	0	0	80	68	5	3	0	0	0	0	1	0	19	13	0	0	0	0	20	13
09:15	0	0	64	54	4	3	43	31	35	27	1	1	73	64	1	1	0	0	0	0	0	0	25	25	0	0	1	1	23	14
09:30	2	1	46	38	0	0	24	22	24	24	0	0	70	61	2	1	0	0	0	0	0	0	22	22	0	0	0	0	28	24
09:45	1	1	40	38	1	1	25	20	46	45	0	0	71	67	3	3	0	0	0	0	0	0	20	17	0	0	0	0	20	14
16:00	0	0	29	32	1	0	17	22	29	29	0	0	56	53	3	3	0	0	0	0	1	1	17	22	0	0	0	0	23	19
16:15	0	0	29	33	1	1	18	19	25	24	0	0	54	54	1	1	0	0	0	0	0	0	11	15	0	0	0	0	48	32
16:30	0	0	35	41	1	1	17	20	32	26	0	0	66	67	1	1	0	0	0	0	0	0	17	18	0	0	0	0	37	21
16:45	0	0	34	35	0	0	17	18	18	14	0	0	51	48	2	2	0	0	0	0	0	0	19	27	0	0	0	0	41	24
17:00	0	0	39	40	1	0	16	23	30	23	0	0	52	51	3	2	0	0	0	0	0	0	20	22	0	0	0	0	42	23
17:15	0	0	29	30	2	2	22	25	20	17	0	0	65	57	2	1	0	0	0	0	0	0	14	14	0	0	0	0	44	22
17:30	2	2	40	38	4	2	23	18	26	20	1	1	58	53	1	1	0	0	0	0	0	0	24	19	0	0	0	0	52	19
17:45	1	1	54	46	0	0	18	18	34	29	1	0	57	54	0	0	0	0	0	0	0	0	25	28	0	0	0	0	73	27
18:00	0	0	54	49	1	1	9	11	41	37	0	0	59	53	2	2	0	0	0	0	0	0	25	23	0	0	0	0	65	23
18:15	0	0	48	49	2	2	19	22	41	35	0	0	65	64	1	1	0	0	0	0	0	0	17	16	0	0	1	1	83	32
18:30	0	0	60	56	1	1	31	26	42	39	0	0	69	64	2	1	0	0	0	0	1	0	18	18	0	0	0	0	74	27
18:45	1	0	52	48	1	0	19	22	32	28	0	0	67	67	0	0	0	0	0	0	3	1	30	27	0	0	0	0	71	37

Site 26 -

	Lane C1						Lane C2						Lane D1						Lane D2						Lane D3						Junction Total
	C to B		C to A		C to D		C to B		C to A		C to D		D to C		D to B		D to A		D to C		D to B		D to A		D to C		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	11	9	20	18	0	0	27	26	2	2	0	0	94	81	25	24	0	0	180	191	2	2	0	0	175	177	0	0	1097
07:15	0	0	18	12	16	14	0	0	30	30	0	0	0	0	102	99	38	34	0	0	183	187	1	2	0	0	173	175	0	0	1043
07:30	0	0	16	13	16	15	0	0	25	25	1	0	0	0	99	89	38	37	0	0	174	168	2	2	0	0	150	146	0	0	979
07:45	0	0	23	17	20	18	0	0	44	41	0	0	0	0	101	83	50	50	0	0	195	191	3	3	0	0	157	158	0	0	1072
08:00	0	0	29	20	22	23	0	0	45	45	0	0	0	0	101	96	44	44	0	0	178	170	0	0	0	0	142	139	0	0	1072
08:15	0	0	26	15	20	21	0	0	43	42	0	0	0	0	115	99	44	43	0	0	210	202	0	0	0	0	152	140	0	0	1083
08:30	0	0	26	15	14	14	0	0	44	42	2	2	0	0	113	91	40	39	0	0	194	188	2	2	0	0	147	135	0	0	1044
08:45	0	0	34	21	22	20	0	0	57	51	1	1	0	0	103	93	51	48	0	0	188	179	2	2	0	0	150	138	0	0	1094
09:00	0	0	27	15	30	29	0	0	45	38	1	1	0	0	122	108	47	45	0	0	126	130	0	0	0	0	163	150	0	0	1064
09:15	0	0	28	15	20	20	0	0	51	49	2	2	0	0	119	117	55	55	0	0	140	144	3	3	0	0	176	171	0	0	1134
09:30	0	0	19	16	35	36	0	0	57	57	0	0	0	0	116	113	46	46	0	0	163	166	0	0	0	0	139	133	0	0	1120
09:45	0	0	23	18	31	30	0	0	49	47	0	0	0	0	120	127	54	54	0	0	161	164	1	1	0	0	161	160	0	0	1169
16:00	0	0	26	23	28	28	0	0	57	55	1	1	0	0	126	129	42	42	0	0	104	100	0	0	0	0	151	149	0	0	948
16:15	0	0	19	12	24	21	0	0	57	53	1	1	0	0	124	132	33	33	0	0	101	99	4	4	0	0	139	137	0	0	929
16:30	0	0	26	16	27	26	0	0	62	56	1	1	0	0	149	139	54	53	0	0	102	98	0	0	0	0	143	139	0	0	903
16:45	0	0	29	15	24	23	0	0	42	42	0	0	0	0	122	124	31	30	0	0	98	94	0	0	0	0	151	140	0	0	847
17:00	0	0	27	17	37	36	0	0	64	61	1	1	0	0	117	110	17	16	0	0	84	75	1	1	0	0	123	110	0	0	816
17:15	0	0	31	21	22	20	0	0	52	44	4	3	0	0	121	117	26	27	0	0	78	73	0	0	0	0	122	112	0	0	765
17:30	0	0	33	13	31	29	0	0	62	54	4	3	0	0	171	167	40	39	0	0	151	140	3	3	0	0	175	165	0	0	1017
17:45	0	0	40	18	24	21	0	0	55	47	4	3	0	0	146	139	19	19	0	0	132	123	1	1	0	0	186	170	0	0	897
18:00	0	0	48	23	26	23	0	0	52	44	6	5	0	0	169	155	47	44	0	0	141	125	1	1	0	0	179	163	0	0	1063
18:15	0	0	38	19	35	30	1	0	56	49	4	4	0	0	175	150	42	39	0	0	165	150	3	4	0	0	175	163	0	0	1067
18:30	0	0	52	27	34	29	0	0	73	64	0	0	0	0	195	181	44	43	0	0	165	151	1	1	0	0	154	143	0	0	1080
18:45	0	0	35	15	31	29	1	0	47	39	5	5	0	0	169	156	32	31	0	0	170	162	1	1	0	0	165	156	0	0	1062

Site 27 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 28 -

	Lane D2								Lane D3								Lane E1						Lane E2						Lane E3						Junction Total
	D to E		D to C		D to B		D to A		D to E		D to C		D to B		D to A		D to E		E to C		E to B		E to A		E to C		E to B		E to A		E to C		E to B		E to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	47	45	0	0	2	1	36	42	1	1	4	6	30	34	2	2	0	0	1	0	13	4	36	39	6	5	77	84	0	0	91	93	14	14	0	0	590
07:15	35	37	0	0	2	1	32	36	1	1	4	7	41	49	0	0	0	0	1	1	8	2	38	40	12	8	27	33	0	0	87	88	1	1	0	0	521
07:30	64	65	0	0	6	8	40	38	0	0	7	9	44	48	3	2	0	0	0	0	5	1	38	44	9	5	24	28	2	3	85	79	1	1	0	0	547
07:45	57	58	0	0	2	2	39	47	1	2	9	14	50	57	0	0	0	0	0	0	4	2	32	34	16	9	28	25	1	1	77	74	2	2	0	0	562
08:00	57	60	0	0	3	3	43	45	2	2	3	5	48	53	0	0	0	0	0	0	10	2	31	34	14	9	27	31	0	0	92	87	2	2	0	0	542
08:15	62	62	0	0	8	6	53	60	1	1	3	5	59	64	0	0	0	0	0	0	10	3	23	24	17	8	34	38	1	1	77	72	2	3	0	0	543
08:30	65	69	0	0	5	3	47	52	3	3	5	6	40	42	1	1	0	0	2	0	13	4	25	29	22	14	39	35	1	1	96	86	2	2	0	0	571
08:45	62	67	0	0	2	3	57	64	6	7	6	11	47	52	5	5	0	0	0	0	8	2	30	31	26	15	25	28	0	0	100	93	4	3	0	0	593
09:00	68	68	0	0	3	5	69	70	3	3	4	7	55	55	2	2	0	0	0	0	8	2	32	32	16	10	43	44	0	0	91	82	2	2	0	0	607
09:15	56	60	0	0	2	3	50	50	2	2	4	6	55	67	0	0	0	0	0	0	8	3	33	38	20	15	28	32	1	2	76	82	3	3	0	0	582
09:30	52	56	0	0	1	1	64	67	2	2	7	10	62	66	1	1	0	0	1	0	4	1	28	33	13	9	38	44	0	0	107	103	1	1	0	0	589
09:45	67	66	0	0	6	8	55	58	0	0	10	12	56	64	0	0	0	0	0	0	6	1	27	32	12	7	35	42	1	2	92	94	1	1	0	0	593
16:00	79	81	0	0	3	5	62	61	6	6	6	9	83	85	4	4	0	0	1	1	6	6	58	61	14	10	121	121	0	0	95	91	41	40	0	0	760
16:15	77	74	0	0	7	11	87	87	3	3	5	9	75	77	6	6	0	0	2	2	10	11	62	65	12	12	70	73	2	2	79	77	37	38	0	0	724
16:30	73	71	0	0	2	1	82	74	3	3	10	14	63	61	5	5	0	0	1	1	6	1	96	96	7	6	129	129	0	0	97	98	41	41	0	0	792
16:45	70	66	0	0	3	4	80	77	6	6	12	19	57	63	5	5	0	0	1	1	11	11	69	69	8	7	119	124	3	3	88	84	41	39	0	0	746
17:00	96	92	0	0	3	4	89	87	4	4	7	10	62	65	7	6	0	0	1	1	10	9	55	55	6	5	82	79	2	2	73	71	27	26	1	1	701
17:15	76	75	0	0	4	4	70	69	4	4	9	12	70	73	5	5	0	0	0	0	15	9	64	66	8	8	88	87	0	0	69	71	34	34	0	0	681
17:30	85	78	0	0	1	2	92	84	6	6	7	10	70	68	9	9	0	0	1	1	17	7	67	66	8	7	140	134	1	1	92	92	31	33	0	0	768
17:45	70	61	0	0	10	9	82	76	2	2	6	5	79	73	2	2	0	0	0	0	15	10	61	64	5	5	126	113	1	1	83	78	32	33	0	0	734
18:00	82	68	1	1	7	3	72	66	5	5	7	7	74	67	3	3	0	0	0	0	16	11	63	60	15	13	135	125	1	1	105	100	21	21	0	0	748
18:15	94	80	0	0	8	11	92	78	7	8	8	13	83	72	10	11	0	0	0	0	29	19	70	71	14	12	120	109	2	2	102	97	17	17	0	0	821
18:30	75	61	0	0	6	6	80	74	3	2	3	3	70	63	9	9	1	1	0	0	28	14	50	46	14	13	143	144	0	0	109	110	23	23	0	0	800
18:45	76	68	0	0	6	6	82	76	2	2	7	12	78	74	3	3	0	0	0	0	20	11	56	58	12	8	126	128	2	2	110	104	31	29	0	0	809

Site 29 - Drummond Street / Cardington Street

	Lane A1				Lane B1				Lane C1				Lane D1						Junction Total
	A to C		A to B		B to A		B to C		C to B		C to A		D to C		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	38	32	0	0	2	0	2	0	0	0	23	22	20	17	1	0	5	6	78
07:15	60	57	0	0	0	0	0	0	0	0	24	22	19	17	0	0	4	4	100
07:30	66	54	1	0	2	0	12	2	0	0	23	23	11	11	0	0	5	5	96
07:45	67	61	0	0	0	0	6	1	0	0	28	27	20	18	0	0	3	3	111
08:00	94	78	0	0	0	0	8	2	0	0	25	24	14	12	0	0	5	5	121
08:15	87	70	0	0	0	0	7	1	1	0	25	22	31	22	0	0	10	11	126
08:30	97	67	2	0	1	0	10	2	0	0	21	19	31	24	0	0	4	4	116
08:45	90	70	1	0	1	0	16	3	0	0	33	27	28	23	0	0	8	8	132
09:00	99	77	0	0	0	0	3	1	0	0	26	23	26	22	0	0	8	8	132
09:15	71	61	0	0	0	0	2	0	0	0	29	21	21	19	0	0	6	6	107
09:30	61	49	0	0	0	0	3	1	0	0	34	35	24	21	0	0	5	6	111
09:45	69	62	0	0	1	0	2	0	2	2	26	24	36	31	0	0	5	5	124
16:00	56	53	0	0	0	0	1	0	1	0	40	36	71	65	0	0	14	14	169
16:15	63	60	0	0	0	0	0	0	0	0	31	25	58	52	2	0	5	5	142
16:30	55	53	0	0	0	0	0	0	3	1	49	43	37	34	2	0	8	7	138
16:45	67	62	0	0	0	0	0	0	1	0	45	33	37	37	2	0	7	7	139
17:00	71	71	0	0	0	0	0	0	5	1	63	50	56	49	2	0	14	14	186
17:15	50	48	0	0	0	0	0	0	4	1	46	38	59	51	2	0	8	8	146
17:30	59	53	0	0	0	0	0	0	6	1	55	42	58	45	2	0	11	11	152
17:45	56	48	1	0	0	0	1	0	11	2	45	33	52	40	1	0	10	10	134
18:00	73	66	0	0	0	0	0	0	3	1	69	42	50	38	9	2	10	8	157
18:15	51	47	1	0	0	0	0	0	1	0	70	52	36	30	3	1	6	6	136
18:30	65	61	2	0	1	0	1	0	4	1	74	58	28	21	3	1	11	11	153
18:45	60	57	0	0	1	0	1	0	5	1	60	37	31	26	2	0	4	4	126

Site 30 - Melton Street / Euston Street

	Lane A1				Lane B1				Junction Total
	A to C		A to B		B to A		B to C		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	5	5	59	49	24	23	14	12	88
07:15	8	8	73	68	24	21	16	14	111
07:30	3	2	90	68	25	25	24	21	116
07:45	9	10	80	65	27	27	30	26	129
08:00	12	12	110	87	30	28	33	26	153
08:15	12	11	106	76	29	25	29	22	134
08:30	15	15	132	86	24	22	42	32	155
08:45	14	12	134	91	30	24	53	34	162
09:00	15	16	107	79	32	28	42	24	147
09:15	8	7	89	77	29	21	30	26	131
09:30	7	7	90	72	37	37	21	18	133
09:45	13	13	94	79	31	29	26	22	142
16:00	16	16	113	105	42	37	45	42	199
16:15	17	17	109	100	35	28	38	34	179
16:30	15	15	77	72	51	42	49	43	172
16:45	14	14	93	87	48	35	30	28	164
17:00	12	12	123	115	69	52	31	30	209
17:15	15	15	96	85	51	39	40	37	176
17:30	12	13	106	85	58	40	34	29	167
17:45	11	11	97	75	61	39	36	32	156
18:00	8	8	130	108	75	44	29	21	181
18:15	8	8	79	70	70	52	37	24	154
18:30	5	4	94	82	80	63	46	36	185
18:45	8	8	85	75	65	37	20	18	138

Site 31 - Melton Street / Euston Station

	Lane A1				Lane C1				Lane C2				Junction Total
	A to C		A to B		C to B		C to A		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	52	42	6	6	1	1	15	13	34	34	22	21	116
07:15	59	54	12	12	0	0	16	14	37	37	24	21	138
07:30	77	55	13	13	2	2	21	18	45	45	27	27	160
07:45	67	52	13	13	1	1	32	28	68	68	27	27	190
08:00	97	75	12	12	0	0	33	26	69	69	28	26	208
08:15	91	61	14	14	1	1	29	21	49	49	29	26	172
08:30	123	78	9	9	3	3	41	32	60	60	25	22	204
08:45	122	79	13	13	1	1	53	34	65	65	31	25	218
09:00	103	75	5	5	2	2	42	24	49	49	31	27	181
09:15	76	64	13	13	1	1	30	26	71	71	29	21	195
09:30	74	56	16	16	4	4	21	18	76	76	37	37	207
09:45	85	71	9	9	1	1	26	22	71	71	30	28	202
16:00	82	74	31	31	1	1	45	42	63	63	40	35	245
16:15	84	74	27	27	1	1	38	34	62	62	35	28	226
16:30	54	49	22	22	2	2	50	44	59	59	51	42	218
16:45	79	73	14	14	2	2	30	27	34	34	47	34	185
17:00	94	86	28	28	0	0	31	30	47	47	68	52	243
17:15	76	66	22	22	3	3	41	37	38	38	49	39	205
17:30	86	65	18	18	0	0	34	29	54	53	59	40	205
17:45	78	54	16	16	2	2	34	31	33	33	60	37	173
18:00	110	88	19	19	1	1	28	20	50	50	77	46	224
18:15	78	66	5	5	1	1	37	24	44	44	70	52	193
18:30	83	69	14	14	0	0	45	36	56	56	81	64	238
18:45	79	66	9	9	0	0	20	18	37	37	66	38	168

Site 32 - Melton Street / Euston Station

	Lane A1		Lane B1				Lane C1		Junction Total
	A to C		B to A		B to C		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	53	42	8	8	28	28	64	60	138
07:15	64	58	6	6	37	37	82	74	175
07:30	87	59	15	15	46	46	83	78	199
07:45	70	51	19	19	47	47	121	109	226
08:00	114	87	19	19	59	59	117	106	271
08:15	95	65	9	9	48	47	108	96	216
08:30	125	77	17	17	63	63	115	100	257
08:45	134	88	13	13	67	67	148	120	288
09:00	106	81	8	8	58	58	118	94	241
09:15	80	64	12	12	53	53	129	116	246
09:30	83	64	17	17	80	80	126	121	282
09:45	95	79	10	10	58	58	121	114	261
16:00	84	76	22	22	77	77	127	118	292
16:15	88	78	24	24	72	72	116	105	279
16:30	60	55	27	27	67	67	144	127	276
16:45	79	73	18	18	45	45	106	88	224
17:00	93	83	27	27	45	45	113	97	252
17:15	78	65	26	26	41	41	107	88	220
17:30	102	77	14	14	52	52	134	108	251
17:45	80	53	19	19	60	60	112	85	215
18:00	120	93	12	12	54	54	151	110	269
18:15	81	70	13	13	45	45	144	111	239
18:30	89	72	16	16	59	59	166	136	283
18:45	81	67	8	8	44	44	113	85	204

Site 37 - Euston Road / Chalton Street

	Lane A1				Lane B1				Lane B2				Lane B3				Lane C1				Lane C2				Junction Total
	A to C		A to B		B to A		B to C		B to A		B to C		B to A		B to C		C to B		C to A		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	3	2	5	5	0	0	88	72	0	0	227	242	5	5	140	144	147	144	5	4	221	223	0	0	840
07:15	0	0	7	6	0	0	92	73	0	0	214	225	8	6	160	165	196	196	1	2	243	235	0	0	908
07:30	5	4	3	3	0	0	115	98	0	0	158	163	11	10	124	126	166	165	6	7	207	202	1	2	779
07:45	3	3	1	2	0	0	130	103	0	0	176	183	15	15	149	150	169	162	3	4	218	210	0	0	831
08:00	2	2	3	3	0	0	119	111	1	1	193	193	11	10	141	136	194	179	1	1	217	211	0	0	847
08:15	6	5	6	5	0	0	127	106	0	0	188	185	11	11	134	137	189	169	7	6	229	217	0	0	842
08:30	4	3	9	8	0	0	130	100	0	0	170	171	7	7	139	135	183	172	5	5	220	207	0	0	808
08:45	5	2	5	5	0	0	158	121	0	0	173	163	7	7	142	139	188	171	6	6	223	212	0	0	825
09:00	3	3	6	7	0	0	149	122	0	0	178	175	17	16	146	143	165	162	3	3	195	187	0	0	817
09:15	4	3	13	11	0	0	150	147	0	0	172	176	9	8	136	139	181	189	4	4	215	203	0	0	880
09:30	3	2	7	7	0	0	132	126	0	0	161	164	4	4	142	144	213	218	3	3	201	197	0	0	863
09:45	1	1	8	8	0	0	114	108	0	0	167	173	9	9	140	141	184	192	2	2	181	178	0	0	810
16:00	3	3	7	6	0	0	90	99	0	0	115	123	12	11	85	89	197	209	4	4	173	159	0	0	703
16:15	3	3	9	8	0	0	98	100	1	0	120	117	13	13	77	75	180	190	3	4	183	173	0	0	684
16:30	2	2	3	3	0	0	95	94	1	1	99	95	13	11	70	72	172	178	3	3	172	153	0	0	610
16:45	1	1	4	3	0	0	115	118	0	0	105	100	9	9	83	85	184	196	3	3	188	177	0	0	691
17:00	2	2	3	3	0	0	110	106	0	0	101	96	12	12	100	96	173	170	2	2	163	158	0	0	645
17:15	1	1	4	2	0	0	123	100	0	0	101	92	14	14	69	66	182	174	4	3	177	160	0	0	612
17:30	1	1	2	0	0	0	145	137	0	0	139	131	19	19	78	76	240	225	2	2	252	228	0	0	819
17:45	4	3	7	7	0	0	119	104	1	0	136	121	21	21	80	72	219	216	1	1	216	193	0	0	738
18:00	2	2	3	3	0	0	143	125	3	1	153	141	11	11	103	97	234	211	1	1	233	201	0	0	793
18:15	1	1	7	7	0	0	140	117	0	0	159	145	21	19	103	100	255	231	8	5	236	212	0	0	837
18:30	3	3	6	5	1	0	135	110	4	4	183	168	11	11	72	64	239	207	3	3	239	223	0	0	796
18:45	4	4	6	5	1	0	143	144	1	1	205	191	14	14	106	105	220	198	3	3	222	210	0	0	874

Site 38 - Euston Road / Midland Road

	Lane A1						Lane A2				Lane A3						Lane A4						Lane B1				Lan
	A to D		A to C		A to B		A to D		A to C		A to D		A to C		A to B		A to D		A to C		A to B		B to D		B to C		B to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	1	0	28	35	0	0	32	28	16	16	30	30	2	1	0	0	22	22	0	0	0	0	50	28	21	17	180	203
07:15	0	0	1	0	23	32	0	0	24	16	22	21	34	35	0	0	0	0	30	33	0	0	0	0	57	39	35	25	169	179
07:30	0	0	1	0	25	31	0	0	29	17	21	19	49	47	0	0	0	0	27	26	0	0	0	0	101	73	20	19	132	139
07:45	0	0	0	0	28	37	0	0	35	17	24	22	56	48	3	1	0	0	34	36	0	0	0	0	88	61	35	30	137	151
08:00	0	0	3	1	26	30	0	0	41	22	29	23	47	48	5	6	0	0	28	29	0	0	0	0	89	63	31	27	135	151
08:15	0	0	2	0	31	36	0	0	48	23	28	24	63	55	3	1	0	0	39	42	0	0	0	0	78	44	42	32	144	157
08:30	0	0	1	0	33	38	0	0	58	26	27	20	56	57	3	1	0	0	40	41	0	0	0	0	83	53	44	29	125	124
08:45	0	0	0	0	31	32	0	0	68	28	27	24	47	42	1	1	0	0	37	36	0	0	0	0	114	88	38	29	126	118
09:00	0	0	0	0	37	41	0	0	57	27	22	20	68	60	1	1	0	0	60	61	0	0	0	0	102	76	56	40	128	122
09:15	0	0	16	3	26	24	0	0	27	13	19	20	64	60	0	0	0	0	43	43	0	0	0	0	91	84	31	23	113	117
09:30	0	0	4	1	29	34	0	0	35	23	15	14	54	57	0	0	0	0	39	43	0	0	0	0	92	73	35	30	111	116
09:45	0	0	6	1	26	33	0	0	28	20	25	30	71	70	2	1	0	0	53	54	0	0	0	0	81	69	43	31	112	116
16:00	0	0	2	2	24	30	0	0	23	20	17	16	36	38	2	2	0	0	36	35	0	0	0	0	53	59	38	35	63	72
16:15	0	0	1	0	32	36	0	0	16	14	27	28	57	56	2	2	0	0	46	46	0	0	0	0	71	70	39	37	66	66
16:30	0	0	2	1	33	43	0	0	29	25	24	26	29	29	1	1	0	0	25	25	0	0	0	0	68	63	34	34	64	61
16:45	0	0	2	0	28	36	0	0	19	16	20	23	56	54	1	1	0	0	34	34	0	0	0	0	70	70	32	30	74	70
17:00	0	0	0	0	26	34	0	0	28	23	17	18	52	53	1	0	0	0	37	37	0	0	0	0	68	67	42	39	79	72
17:15	0	0	1	0	35	40	0	0	26	21	19	21	46	43	1	1	0	0	33	33	0	0	0	0	70	53	36	33	64	55
17:30	0	0	2	0	35	38	0	0	24	17	30	27	40	42	1	1	0	0	23	23	0	0	0	0	83	78	41	38	106	105
17:45	0	0	2	0	40	43	0	0	30	23	32	31	62	60	1	1	0	0	42	41	0	0	0	0	72	55	33	29	86	75
18:00	0	0	4	2	31	38	0	0	30	25	24	21	44	42	1	1	0	0	32	34	0	0	0	0	87	74	47	42	96	87
18:15	0	0	2	0	34	37	0	0	43	34	11	10	44	42	2	1	0	0	38	39	0	0	0	0	99	79	36	32	122	111
18:30	0	0	2	0	45	44	0	0	48	39	16	15	57	53	0	0	0	0	35	35	0	0	0	0	81	70	43	38	95	85
18:45	0	0	1	0	40	47	0	0	40	33	23	21	52	52	1	0	0	0	35	36	0	0	0	0	89	82	41	35	125	116

Site 32 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 37 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 38 -

	e B2		Lane B3				Lane C1				Lane D1				Lane D2				Lane D3				Lane D4				Junction
	B to C		B to D		B to C		C to B		C to D		D to C		D to B		D to C		D to B		D to C		D to B		D to C		D to B		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	171	174	0	0	0	0	15	17	0	0	42	41	0	0	146	145	0	0	176	177	15	14	2	2	949
07:15	0	0	175	176	0	0	0	0	12	11	0	0	68	69	0	0	169	170	0	0	200	198	16	14	6	3	1020
07:30	0	0	109	113	0	0	0	0	12	13	0	0	70	68	0	0	140	138	0	0	159	161	21	19	7	4	886
07:45	2	3	133	133	0	0	0	0	17	16	0	0	53	56	0	0	154	149	1	1	179	179	25	20	9	7	962
08:00	1	1	142	139	0	0	0	0	11	9	0	0	69	64	0	0	163	154	0	0	183	177	13	12	4	2	956
08:15	2	3	131	127	0	0	0	0	17	16	0	0	84	73	0	0	167	157	0	0	189	188	13	10	9	4	992
08:30	3	4	124	123	0	0	0	0	17	15	0	0	84	74	0	0	152	148	0	0	175	170	16	17	11	5	942
08:45	1	1	111	112	0	0	0	0	21	23	0	0	63	60	0	0	159	148	1	1	173	173	35	31	10	5	949
09:00	2	2	123	121	0	0	2	0	24	23	0	0	75	69	0	0	140	138	0	0	154	152	17	18	3	3	974
09:15	0	0	118	119	0	0	0	0	20	20	0	0	84	88	0	0	165	169	1	1	160	155	34	33	3	3	972
09:30	3	4	120	120	0	0	0	0	30	30	0	0	96	105	0	0	163	160	1	1	167	171	34	34	10	6	1021
09:45	2	3	120	122	0	0	0	0	27	28	0	0	98	105	0	0	129	135	0	0	146	151	22	22	7	6	995
16:00	3	4	66	71	1	1	0	0	22	20	0	0	98	102	0	0	160	161	0	0	157	150	17	16	9	4	838
16:15	3	3	63	62	0	0	2	0	38	36	0	0	108	114	0	0	133	133	1	1	149	147	13	13	11	5	871
16:30	3	3	56	55	1	1	0	0	37	31	0	0	125	120	0	0	132	128	0	0	135	130	5	5	20	11	790
16:45	2	2	60	58	0	0	1	0	18	16	0	0	115	124	0	0	142	131	0	0	158	155	5	4	13	6	829
17:00	1	1	77	75	0	0	0	0	24	21	0	0	120	114	0	0	145	133	1	0	157	154	6	5	14	6	851
17:15	2	2	52	52	0	0	0	0	29	24	0	0	80	70	0	0	163	151	0	0	154	145	9	8	8	4	755
17:30	1	1	96	94	0	0	1	0	37	28	0	0	108	103	0	0	183	170	0	0	200	191	10	9	23	9	972
17:45	1	1	67	65	0	0	1	0	31	27	0	0	128	108	0	0	187	173	0	0	174	166	12	11	14	6	914
18:00	1	1	90	87	0	0	2	0	49	39	0	0	141	114	0	0	180	157	0	0	171	160	13	13	24	10	944
18:15	1	1	83	84	0	0	5	2	43	36	0	0	130	99	0	0	201	179	0	0	191	179	18	17	16	8	987
18:30	1	1	81	72	0	0	1	0	50	46	0	0	121	95	0	0	201	175	0	0	200	189	14	13	19	10	979
18:45	1	1	103	103	0	0	3	1	48	45	0	0	92	79	0	0	191	167	0	0	208	196	16	15	10	4	1034

Site 39 - Euston Road / Pancras Road

	Lane A1						Lane A2						Lane B1						Lane B2						Lane B3					
	A to D		A to C		A to B		A to D		A to C		A to B		B to A		B to D		B to C		B to A		B to D		B to C		B to A		B to D		B to C	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	8	6	4	1	32	29	55	52	1	1	1	1	0	0	118	115	2	1	0	0	243	247	1	1	60	61	0	0	0	0
07:15	23	15	26	6	36	33	47	46	2	1	0	0	0	0	116	103	2	2	0	0	253	255	0	0	46	46	0	0	0	0
07:30	12	6	22	4	28	28	59	56	0	0	0	0	0	0	125	108	1	1	0	0	193	195	0	0	66	61	0	0	0	0
07:45	14	11	26	5	33	25	44	41	0	0	0	0	0	0	133	111	2	2	0	0	231	232	0	0	46	45	0	0	0	0
08:00	10	8	26	6	38	34	44	42	1	0	0	0	0	0	130	117	2	2	0	0	193	194	0	0	69	69	0	0	0	0
08:15	10	8	39	8	44	39	47	44	2	1	4	4	0	0	125	89	2	1	0	0	205	208	0	0	60	60	0	0	0	0
08:30	8	4	30	6	41	38	56	50	1	1	0	0	0	0	124	92	1	1	0	0	215	212	0	0	67	65	0	0	0	0
08:45	12	10	38	8	50	36	55	49	1	0	0	0	0	0	141	111	0	0	0	0	178	167	0	0	68	64	0	0	0	0
09:00	14	12	28	6	41	35	58	52	0	0	0	0	0	0	152	106	1	1	1	0	183	184	0	0	75	75	0	0	0	0
09:15	12	11	38	8	44	40	56	52	3	1	1	1	0	0	122	109	1	1	0	0	181	186	0	0	67	69	0	0	0	0
09:30	15	14	21	5	34	30	60	57	0	0	0	0	0	0	122	104	3	3	0	0	180	184	1	1	66	68	0	0	0	0
09:45	10	7	8	2	37	35	52	48	2	2	1	1	0	0	113	97	2	2	0	0	185	189	1	1	65	69	0	0	0	0
16:00	11	11	1	0	45	44	47	45	1	1	1	1	0	0	70	82	1	1	0	0	119	123	0	0	60	64	0	0	0	0
16:15	10	10	5	2	60	57	42	42	0	0	2	2	0	0	86	79	3	3	0	0	101	101	0	0	60	60	1	0	0	0
16:30	11	11	0	0	52	49	41	41	0	0	2	2	0	0	74	68	3	3	0	0	106	94	2	1	62	63	0	0	0	0
16:45	7	7	3	1	61	57	34	34	0	0	3	3	0	0	90	90	2	2	2	1	114	100	0	0	60	61	0	0	0	0
17:00	7	7	6	1	59	56	45	43	0	0	3	3	0	0	94	85	4	5	0	0	128	118	1	1	69	65	0	0	0	0
17:15	6	6	6	1	47	45	43	42	0	0	2	2	0	0	72	65	3	3	0	0	78	72	1	0	46	39	2	0	0	0
17:30	8	7	2	0	48	45	38	37	0	0	1	1	0	0	121	116	1	1	0	0	132	119	0	0	69	63	0	0	0	0
17:45	14	12	3	1	43	41	37	36	1	1	0	0	0	0	118	90	2	2	0	0	123	116	0	0	70	57	2	0	0	0
18:00	7	7	1	1	51	47	44	40	0	0	1	1	0	0	114	100	1	1	0	0	146	138	0	0	72	59	2	0	0	0
18:15	8	5	5	1	44	42	44	41	0	0	1	1	0	0	142	130	4	4	0	0	142	125	0	0	65	56	2	0	0	0
18:30	12	8	6	2	43	39	41	39	0	0	3	2	0	0	101	103	3	3	0	0	136	112	1	2	50	43	2	0	0	0
18:45	11	11	1	0	42	38	46	44	0	0	1	1	0	0	121	111	1	1	1	1	183	174	0	0	62	59	2	0	0	0

Site 40 - Euston Road / Ossulston Street

	Lane A1				Lane B1				Lane B2				Lane B3				Lane C1				Lane C2				Junction Total PCUs
	A to C		A to B		B to A		B to C		B to A		B to C		B to A		B to C		C to B		C to A		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	
07:00	1	0	3	3	0	0	91	73	0	0	198	213	0	0	188	187	162	160	14	9	211	211	0	0	857
07:15	6	1	7	6	0	0	97	86	0	0	201	206	0	0	194	194	219	225	13	8	227	218	0	0	944
07:30	12	2	9	10	0	0	128	103	0	0	152	155	0	0	146	146	201	196	10	6	192	190	0	0	808
07:45	17	3	9	10	0	0	129	101	0	0	169	175	0	0	161	161	190	187	12	10	205	199	0	0	845
08:00	32	6	8	7	0	0	103	91	0	0	179	183	0	0	179	174	217	203	15	12	205	197	0	0	873
08:15	54	11	11	12	0	0	109	72	0	0	185	197	0	0	164	162	226	199	14	11	215	211	0	0	874
08:30	56	11	6	7	0	0	122	95	0	0	158	161	0	0	167	160	212	199	15	8	214	203	0	0	842
08:45	58	12	8	9	0	0	161	133	0	0	147	135	0	0	164	162	214	194	22	14	217	211	0	0	870
09:00	55	11	16	15	0	0	157	121	0	0	171	172	0	0	167	164	195	188	21	15	192	187	0	0	872
09:15	51	10	15	15	0	0	137	143	0	0	164	159	0	0	155	153	215	223	15	9	220	210	0	0	922
09:30	37	7	12	13	0	0	153	140	0	0	159	165	0	0	148	148	255	258	19	14	211	208	0	0	952
09:45	28	6	11	10	0	0	123	113	0	0	153	163	0	0	152	153	224	231	22	13	175	177	0	0	867
16:00	4	1	7	8	0	0	85	101	0	0	102	105	0	0	92	92	246	249	19	15	185	173	0	0	743
16:15	2	0	10	9	0	0	104	112	0	0	107	101	0	0	100	96	239	239	28	16	186	183	0	0	756
16:30	5	1	15	13	0	0	98	104	0	0	92	84	0	0	90	84	232	224	17	11	158	146	0	0	665
16:45	7	1	7	4	0	0	108	121	0	0	99	91	0	0	82	79	247	249	26	14	182	175	0	0	735
17:00	6	1	21	13	0	0	103	110	0	0	122	109	0	0	114	104	244	227	44	24	164	160	1	1	749
17:15	11	2	13	7	0	0	127	107	0	0	92	84	0	0	83	79	209	196	55	27	189	178	0	0	681
17:30	12	2	18	17	0	0	165	152	0	0	131	124	0	0	107	104	284	260	54	23	244	225	0	0	906
17:45	6	1	12	11	0	0	122	120	0	0	139	116	0	0	86	79	292	263	47	16	212	194	0	0	799
18:00	9	2	13	9	0	0	136	130	0	0	153	126	0	0	127	115	305	256	70	23	219	199	0	0	860
18:15	10	2	8	5	0	0	162	144	0	0	142	129	0	0	114	110	311	264	64	26	227	209	0	0	888
18:30	4	1	10	11	0	0	156	128	0	0	124	115	0	0	123	113	282	229	66	30	245	229	0	0	855
18:45	5	1	11	9	0	0	160	160	0	0	173	157	0	0	143	137	256	227	47	20	234	216	0	0	926

Site 46 - Park Village E / Mornington Street

	Lane A1				Lane B1		Lane C1		Junction Total PCUs
	A to C		A to B		B to C		C to B		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	
07:00	47	42	7	7	4	3	2	2	55
07:15	54	49	5	3	9	8	3	3	63
07:30	49	39	8	6	14	9	9	7	61
07:45	70	54	10	9	15	11	6	4	79
08:00	67	53	11	12	16	13	4	4	82
08:15	79	56	11	9	20	15	2	1	81
08:30	81	53	13	11	25	22	9	9	95
08:45	91	68	24	18	29	24	15	15	125
09:00	95	66	18	13	24	17	13	9	104
09:15	78	59	13	12	19	12	9	7	90
09:30	59	48	12	13	18	14	8	9	83
09:45	54	46	16	14	10	9	6	6	74
16:00	39	33	18	16	19	19	14	13	81
16:15	37	31	13	11	18	17	8	7	66
16:30	42	38	20	18	16	14	18	14	84
16:45	36	33	23	22	20	18	17	13	85
17:00	42	36	21	19	8	7	14	9	72
17:15	43	39	21	19	15	13	17	15	86
17:30	50	45	27	21	7	5	23	15	87
17:45	36	28	24	22	14	11	21	14	75
18:00	49	43	26	21	13	12	17	14	89
18:15	46	41	23	22	13	9	17	10	82
18:30	64	60	31	29	17	14	19	16	119
18:45	62	58	26	23	16	14	22	19	113

Site 39 -

	Lane D1						Lane D2						Lane D3						Junction
	D to C		D to B		D to A		D to C		D to B		D to A		D to C		D to B		D to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	23	40	68	69	0	0	102	98	35	33	1	1	189	180	0	0	934
07:15	0	0	30	52	80	77	0	0	117	111	41	42	2	3	205	199	0	0	990
07:30	0	0	30	48	80	75	0	0	100	93	25	28	3	3	195	183	0	0	889
07:45	0	0	36	57	73	72	0	0	113	103	21	22	4	4	210	195	0	0	923
08:00	0	0	26	42	60	58	0	0	127	110	56	58	3	3	209	190	0	0	932
08:15	0	0	34	51	76	73	0	0	154	124	23	25	6	5	210	197	0	0	936
08:30	0	0	27	51	57	58	0	0	175	151	32	32	5	5	192	171	0	0	936
08:45	0	0	23	34	81	77	0	0	142	121	40	43	6	7	185	167	0	0	893
09:00	0	0	36	50	60	62	0	0	154	138	21	24	3	3	167	151	0	0	901
09:15	0	0	30	45	89	90	0	0	155	146	26	28	3	3	190	172	0	0	961
09:30	0	0	33	54	96	97	0	0	146	141	16	18	3	3	181	171	0	0	950
09:45	0	0	25	42	104	104	0	0	102	101	29	31	7	8	165	164	0	0	903
16:00	0	0	31	51	97	95	0	0	122	113	30	29	6	6	186	172	0	0	839
16:15	0	0	20	37	128	125	0	0	112	107	30	29	3	3	188	176	1	1	833
16:30	0	0	38	51	110	105	0	0	111	105	35	35	0	0	207	189	0	0	817
16:45	0	0	23	40	108	104	0	0	111	103	30	30	2	2	192	178	0	0	812
17:00	0	0	22	36	122	115	0	0	109	100	25	23	2	2	198	183	0	0	844
17:15	0	0	27	40	123	117	0	0	125	111	25	22	1	1	182	160	0	0	729
17:30	0	0	26	41	129	120	0	0	138	117	34	28	4	3	236	209	0	0	907
17:45	0	0	28	42	140	116	0	0	142	122	29	25	4	4	237	211	0	0	877
18:00	0	0	35	45	149	125	0	0	137	113	29	27	2	2	221	189	0	0	895
18:15	0	0	37	46	125	100	1	1	172	142	22	19	3	3	231	202	0	0	918
18:30	0	0	41	46	138	113	0	0	176	148	25	23	6	6	222	194	0	0	884
18:45	0	0	45	64	107	93	0	0	162	133	14	13	6	7	219	198	0	0	949

Site 40 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 46 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 47 - Mornington Street / Mornington Terrace

	Lane B1				Lane C1						Lane D1				Junction Total
	B to A		B to D		C to B		C to A		C to D		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	1	0	2	2	0	0	7	6	3	2	8	8	1	1	20
07:15	1	0	9	7	1	2	3	3	1	1	6	4	2	2	19
07:30	2	2	11	7	0	0	6	5	0	0	10	6	10	10	30
07:45	2	1	16	10	0	0	6	4	1	1	9	7	3	2	26
08:00	1	1	16	12	0	0	12	11	1	1	9	8	4	4	37
08:15	3	3	15	12	4	3	8	6	5	4	12	8	3	3	40
08:30	2	1	25	22	2	2	9	10	1	1	15	13	8	8	57
08:45	3	3	23	18	0	0	13	9	4	4	31	24	8	8	67
09:00	3	1	24	16	1	1	7	6	2	2	21	15	8	5	47
09:15	1	1	16	9	1	1	13	10	2	1	17	13	6	6	40
09:30	0	0	15	11	0	0	8	7	2	2	12	12	4	4	36
09:45	3	3	8	7	0	0	9	8	5	3	18	15	4	4	40
16:00	3	2	14	14	0	0	19	17	5	5	22	19	11	11	68
16:15	3	3	11	11	0	0	18	14	8	6	15	12	7	7	53
16:30	6	5	13	11	0	0	21	18	2	2	26	21	12	10	68
16:45	5	3	20	17	1	1	17	16	3	3	30	27	11	9	76
17:00	3	2	8	6	1	1	22	19	2	1	22	18	15	13	60
17:15	7	3	13	11	1	1	24	19	3	2	30	27	9	8	72
17:30	3	2	8	5	0	0	28	24	1	0	36	27	16	12	70
17:45	3	3	13	11	2	2	21	15	2	1	29	25	14	9	66
18:00	4	3	8	7	0	0	40	27	4	4	33	26	9	8	74
18:15	3	2	11	7	1	1	39	24	3	1	28	22	12	10	68
18:30	2	1	16	12	1	1	33	21	6	4	34	30	17	16	86
18:45	5	3	16	13	1	1	25	19	0	0	29	25	17	15	76

Site 48 - Euston Road / Pentonville Road

	Lane C1						Lane C2						Lane C3						Lane C4						Lane D1				Lane	
	C to B		C to A		C to D		C to B		C to A		C to D		C to B		C to A		C to D		C to B		C to A		C to D		D to B		D to A		D to B	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	0	0	246	253	0	0	0	0	180	172	0	0	54	68	0	0	0	0	24	21	0	0	5	5	34	38	144	137
07:15	0	0	0	0	268	262	0	0	0	0	151	147	2	2	52	58	0	0	0	0	28	23	0	0	6	10	38	45	165	156
07:30	0	0	0	0	237	235	0	0	0	0	156	140	0	0	64	67	0	0	0	0	39	37	0	0	4	4	44	50	154	143
07:45	0	0	0	0	227	222	0	0	0	0	187	173	0	0	46	46	0	0	0	0	37	38	0	0	3	1	48	60	169	150
08:00	0	0	0	0	243	233	0	0	0	0	152	146	1	1	51	63	0	0	2	2	33	31	0	0	8	7	41	44	165	155
08:15	0	0	0	0	260	242	0	0	0	0	161	145	0	0	59	60	0	0	0	0	32	29	0	0	6	4	63	63	184	158
08:30	0	0	0	0	268	239	0	0	0	0	158	150	0	0	61	59	0	0	0	0	36	33	0	0	14	10	49	49	170	153
08:45	0	0	0	0	219	186	0	0	0	0	177	156	0	0	74	70	0	0	0	0	47	36	0	0	5	3	47	50	162	140
09:00	0	0	0	0	220	193	0	0	0	0	190	172	0	0	56	59	0	0	0	0	40	34	0	0	3	2	51	50	150	139
09:15	0	0	0	0	187	189	0	0	0	0	178	169	0	0	65	63	0	0	0	0	44	37	0	0	7	7	65	67	162	148
09:30	0	0	0	0	211	203	0	0	0	0	168	164	1	2	79	91	0	0	2	1	48	43	0	0	5	6	60	65	147	144
09:45	0	0	0	0	224	209	0	0	0	0	143	142	0	0	61	66	0	0	0	0	52	52	0	0	10	11	53	56	127	120
16:00	0	0	0	0	140	159	0	0	0	0	110	112	0	0	65	62	0	0	0	0	65	68	0	0	7	7	67	64	139	133
16:15	0	0	0	0	130	127	0	0	0	0	120	111	0	0	86	90	0	0	0	0	73	69	0	0	5	5	60	60	136	132
16:30	0	0	0	0	128	121	0	0	0	0	114	107	0	0	72	74	0	0	1	1	70	66	0	0	8	5	65	63	146	135
16:45	0	0	0	0	146	140	0	0	0	0	117	111	0	0	107	103	0	0	1	1	79	73	0	0	8	6	58	58	145	136
17:00	0	0	0	0	172	159	0	0	0	0	129	128	2	1	79	78	0	0	0	0	84	82	0	0	8	7	72	66	131	123
17:15	0	0	0	0	84	73	0	0	0	0	111	102	0	0	77	71	2	0	0	0	66	60	0	0	3	2	54	50	144	129
17:30	0	0	0	0	149	148	0	0	0	0	176	150	0	0	80	71	1	0	0	0	68	54	0	0	7	7	71	65	167	147
17:45	0	0	0	0	155	146	0	0	0	0	161	128	0	0	119	102	0	0	1	1	72	72	0	0	12	8	87	83	165	145
18:00	0	0	0	0	166	161	0	0	0	0	161	136	0	0	98	76	0	0	0	0	70	61	0	0	13	12	75	65	165	130
18:15	0	0	0	0	160	153	0	0	0	0	185	160	0	0	100	81	0	0	0	0	82	69	0	0	12	10	83	63	204	175
18:30	0	0	0	0	151	146	0	0	0	0	150	129	0	0	79	70	0	0	0	0	37	33	0	0	12	6	82	65	192	155
18:45	0	0	0	0	179	178	0	0	0	0	168	151	0	0	106	91	0	0	0	0	74	64	0	0	7	9	80	78	179	152

Site 49 - Parkway / Delancey Street

	Lane B1						Lane B2						Lane B3						Lane C1				Lane C2				Lane C3			
	B to A		B to D		B to C		B to A		B to D		B to C		B to A		B to D		B to C		C to A		C to D		C to A		C to D		C to A		C to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	2	0	142	117	0	0	68	68	2	0	4	5	1	1	1	0	0	0	18	16	27	25	1	1	52	55	0	0
07:15	0	0	1	0	154	127	0	0	56	57	9	5	2	2	1	0	0	0	0	0	17	13	43	40	0	0	67	65	0	0
07:30	0	0	1	0	196	162	0	0	72	74	10	6	7	7	2	1	1	0	0	0	12	8	39	38	0	0	80	82	0	0
07:45	0	0	0	0	203	161	0	0	77	72	11	5	11	10	0	0	3	1	0	0	23	22	47	40	0	0	69	67	0	0
08:00	0	0	1	1	209	163	0	0	79	78	13	4	15	13	5	2	0	0	0	0	27	23	35	31	0	0	64	64	0	0
08:15	0	0	3	1	221	162	0	0	77	76	12	4	5	5	0	0	4	1	0	0	27	25	47	34	0	0	66	65	0	0
08:30	0	0	1	1	251	169	0	0	70	72	8	3	16	13	2	1	0	0	0	0	41	45	49	33	0	0	88	81	0	0
08:45	0	0	2	0	216	159	0	0	96	95	11	4	7	6	4	1	2	1	1	0	40	36	55	44	0	0	63	58	0	0
09:00	0	0	1	0	176	132	0	0	87	84	8	5	16	12	3	1	2	1	0	0	30	24	47	41	0	0	71	67	0	0
09:15	0	0	3	1	159	123	1	1	85	82	3	3	10	8	2	0	2	1	0	0	31	29	55	42	0	0	75	75	0	0
09:30	0	0	3	2	147	119	0	0	69	66	7	4	16	14	3	1	0	0	0	0	31	33	43	39	0	0	74	72	0	0
09:45	0	0	0	0	139	119	0	0	62	58	6	6	9	8	0	0	0	0	0	0	28	26	49	48	0	0	58	62	0	0
16:00	0	0	0	0	122	118	0	0	97	94	6	6	9	9	1	0	1	1	0	0	65	56	55	44	0	0	110	107	0	0
16:15	0	0	1	1	106	99	0	0	79	76	7	7	11	10	1	1	0	0	0	0	57	49	82	67	0	0	99	99	0	0
16:30	0	0	0	0	106	101	1	1	86	83	3	4	9	7	4	2	0	0	0	0	63	52	72	57	0	0	94	86	0	0
16:45	0	0	7	4	109	97	0	0	90	87	1	1	8	6	2	1	0	0	0	0	66	51	88	72	0	0	90	79	0	0
17:00	0	0	4	1	115	102	0	0	90	84	1	1	15	13	0	0	0	0	0	0	72	62	83	61	0	0	66	49	0	0
17:15	0	0	0	0	111	98	0	0	106	98	4	5	4	4	0	0	2	2	0	0	75	56	81	47	0	0	52	38	0	0
17:30	0	0	1	0	123	111	0	0	98	86	4	4	10	9	0	0	1	1	0	0	86	61	84	59	0	0	68	44	0	0
17:45	0	0	2	0	145	127	0	0	123	107	4	3	9	7	0	0	0	0	0	0	83	59	88	52	1	0	79	53	0	0
18:00	0	0	3	1	140	108	0	0	100	90	2	2	16	16	0	0	0	0	0	0	95	64	92	49	0	0	90	55	0	0
18:15	0	0	3	1	131	105	0	0	109	91	2	2	12	11	0	0	0	0	0	0	112	75	136	73	0	0	82	60	0	0
18:30	1	0	4	2	139	119	0	0	100	78	2	2	10	7	0	0	0	0	0	0	95	58	119	62	0	0	85	55	0	0
18:45	0	0	5	1	119	107	0	0	123	114	1	1	17	14	0	0	0	0	0	0	106	83	125	66	1	0	85	63	0	0

Site 47 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 48 -

	e D2		Lane D3				Junction Total
	D to A		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	165	166	0	0	859
07:15	0	0	169	173	0	0	876
07:30	0	0	158	161	0	0	837
07:45	0	0	175	168	0	0	856
08:00	0	0	183	168	0	0	849
08:15	0	0	213	201	0	0	903
08:30	0	0	190	181	0	0	874
08:45	0	0	192	177	0	0	818
09:00	0	0	193	183	0	0	832
09:15	0	0	184	177	0	0	857
09:30	0	0	157	158	0	0	876
09:45	0	0	164	179	0	0	836
16:00	0	0	178	179	0	0	784
16:15	0	0	165	166	0	0	760
16:30	0	0	192	191	0	0	763
16:45	0	0	182	183	0	0	810
17:00	0	0	177	182	0	0	826
17:15	0	0	176	175	0	0	662
17:30	0	0	210	203	0	0	844
17:45	0	0	186	182	0	0	866
18:00	0	0	202	202	0	0	842
18:15	0	0	204	204	0	0	914
18:30	0	0	202	199	0	0	803
18:45	0	0	209	202	0	0	925

Site 49 -

	Lane D1				Lane D2				Junction Total
	D to C		D to A		D to C		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	13	12	18	4	11	12	313
07:15	0	0	24	23	23	5	13	12	350
07:30	0	0	23	21	29	6	22	22	428
07:45	0	0	40	40	28	6	32	31	455
08:00	1	0	22	24	51	10	17	16	429
08:15	0	0	41	34	53	11	33	31	448
08:30	0	0	31	26	61	12	35	36	492
08:45	0	0	46	40	70	14	37	37	494
09:00	0	0	47	45	62	12	39	37	460
09:15	0	0	30	24	63	13	31	28	430
09:30	0	0	27	24	34	7	24	24	405
09:45	0	0	39	37	36	7	36	36	406
16:00	0	0	27	24	8	2	25	25	485
16:15	1	0	14	14	5	1	18	20	442
16:30	1	0	23	19	7	1	29	29	443
16:45	0	0	17	13	2	0	20	21	432
17:00	0	0	16	13	10	2	13	13	401
17:15	0	0	18	16	9	2	13	14	377
17:30	0	0	14	11	5	1	25	24	412
17:45	1	0	18	12	11	2	23	22	445
18:00	1	0	28	21	11	2	23	22	429
18:15	0	0	25	22	9	2	27	23	462
18:30	0	0	27	24	12	2	24	22	430
18:45	0	0	21	19	12	2	21	23	494

Site 50 - Parkway / Prince Albert Road

	Lane A1				Lane A2						Lane C1						Lane C2				Lane D1					
	A to D		A to C		A to B		A to D		A to C		A to B		C to B		C to A		C to D		C to B		C to A		C to D		D to C		D to B		D to A	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	55	50	3	1	56	56	46	15	0	0	0	0	23	20	15	13	4	4	27	28	0	0	0	0	4	1	43	44
07:15	0	0	67	53	1	0	64	59	51	24	0	0	0	0	30	26	12	12	2	1	48	46	0	0	1	1	7	1	55	53
07:30	0	0	65	52	3	1	82	77	88	45	0	0	0	0	36	33	29	28	6	5	47	46	0	0	0	0	6	2	47	48
07:45	0	0	90	78	8	2	76	68	77	27	0	0	0	0	55	49	20	19	4	3	34	30	0	0	2	1	10	2	51	51
08:00	0	0	104	84	11	4	74	68	90	25	1	0	0	0	38	31	23	25	9	8	40	37	0	0	3	1	8	2	47	49
08:15	0	0	109	87	15	5	63	56	95	22	0	0	0	0	44	35	36	40	11	10	45	43	0	0	1	0	14	3	57	53
08:30	0	0	118	91	16	9	74	60	126	33	0	0	0	0	72	61	44	43	13	10	32	30	0	0	2	0	9	2	77	71
08:45	0	0	109	85	12	6	66	59	109	29	0	0	0	0	58	43	32	33	13	9	38	37	0	0	5	1	10	2	61	56
09:00	0	0	104	77	14	3	54	53	83	22	0	0	0	0	49	38	24	26	11	10	44	42	0	0	3	1	15	3	51	50
09:15	0	0	95	68	12	4	53	51	71	18	0	0	0	0	59	49	22	23	6	5	40	39	0	0	1	0	6	1	59	54
09:30	0	0	76	61	10	3	52	50	50	17	0	0	0	0	56	54	30	32	7	7	36	37	0	0	0	0	5	1	57	56
09:45	0	0	67	61	6	1	48	49	53	17	0	0	0	0	43	41	30	35	9	7	34	34	0	0	0	0	2	0	57	58
16:00	0	0	47	43	4	4	63	64	13	8	1	1	0	0	82	59	42	42	7	6	76	70	1	1	0	0	3	1	71	76
16:15	0	0	47	45	1	1	55	54	15	8	0	0	0	0	86	69	66	65	6	5	70	68	0	0	0	0	0	0	69	65
16:30	2	2	52	44	4	4	51	50	6	4	0	0	0	0	76	53	56	53	7	7	76	69	0	0	2	1	2	0	85	82
16:45	0	0	52	45	4	4	51	47	7	3	0	0	0	0	86	59	36	37	6	6	80	73	0	0	1	1	2	0	84	76
17:00	1	1	58	47	5	5	53	48	16	8	0	0	0	0	70	44	48	46	7	6	71	62	0	0	0	0	1	0	88	73
17:15	0	0	48	43	8	8	59	54	11	4	0	0	0	0	77	46	46	45	6	5	66	44	0	0	0	0	0	0	68	54
17:30	0	0	51	53	2	2	60	52	19	8	0	0	0	0	88	47	47	42	7	5	80	55	1	1	0	0	3	1	70	62
17:45	2	3	74	63	5	4	59	55	26	9	0	0	0	0	106	56	65	61	5	3	84	63	2	2	0	0	4	1	66	46
18:00	0	0	60	46	6	4	60	55	31	8	0	0	0	0	124	60	59	53	11	8	83	58	1	1	0	0	0	0	42	34
18:15	0	0	59	51	7	7	51	42	32	10	0	0	0	0	155	75	70	59	3	3	104	79	0	0	1	0	4	1	66	51
18:30	0	0	73	64	10	9	53	45	24	9	0	0	0	0	132	58	66	56	9	7	88	61	3	2	0	0	2	0	82	62
18:45	0	0	53	50	9	9	53	50	11	8	0	0	0	0	149	85	57	50	16	14	96	72	1	1	2	0	6	2	68	53

Site 51 - Gloucester Gate / Albany Street

	Lane A1				Lane A2				Lane B1				Lane B2				Lane C1				Lane C2				Junction Total PCUs
	A to C		A to B		A to C		A to B		B to A		B to C		B to A		B to C		C to B		C to A		C to B		C to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	
07:00	8	2	73	69	84	48	0	0	18	20	3	3	24	24	2	4	0	0	14	12	16	15	13	8	203
07:15	8	2	89	85	79	44	0	0	22	24	4	4	38	38	0	0	0	0	17	14	25	23	16	10	244
07:30	11	6	99	94	125	77	0	0	22	24	4	4	48	51	1	1	1	1	27	23	26	26	18	14	321
07:45	14	4	115	102	122	76	0	0	26	26	3	3	28	28	0	0	0	0	27	22	23	22	28	24	306
08:00	15	5	110	97	139	79	0	0	27	26	6	6	36	38	1	1	1	0	34	26	25	20	26	20	319
08:15	23	8	97	87	157	79	0	0	36	39	11	10	37	39	2	2	1	0	33	31	30	24	29	20	339
08:30	17	5	99	76	193	95	0	0	44	39	9	9	36	36	0	0	0	0	45	31	31	25	42	39	354
08:45	18	6	111	91	161	78	1	1	32	36	15	13	32	33	1	2	0	0	40	29	41	36	37	24	348
09:00	9	2	135	112	132	74	1	1	26	30	4	4	34	31	0	0	0	0	34	27	25	21	31	24	326
09:15	18	4	112	96	127	70	0	0	28	29	3	3	44	43	0	0	0	0	24	19	28	24	35	28	317
09:30	9	3	96	84	107	75	0	0	31	33	7	7	47	52	1	1	0	0	23	21	18	15	28	22	312
09:45	14	4	94	87	101	69	0	0	38	41	6	6	30	32	0	0	0	0	27	23	16	14	29	27	303
16:00	5	3	49	47	58	49	0	0	46	45	6	5	62	62	0	0	0	0	51	40	15	13	47	31	294
16:15	0	0	49	49	57	49	0	0	72	77	10	10	61	59	0	0	0	0	38	30	8	7	45	32	314
16:30	8	5	53	49	39	34	0	0	65	63	8	7	71	65	0	0	0	0	43	36	7	8	48	30	296
16:45	2	1	46	47	46	36	0	0	37	38	5	3	64	60	0	0	0	0	44	36	11	11	50	33	265
17:00	3	1	48	43	60	46	2	1	39	36	9	7	49	43	0	0	0	0	45	35	10	8	60	45	265
17:15	10	5	58	61	39	33	1	1	60	57	7	5	48	38	1	1	0	0	59	35	7	7	31	21	262
17:30	9	4	51	56	51	40	0	0	53	52	11	12	42	31	0	0	0	0	72	35	7	7	42	22	258
17:45	7	1	64	62	70	53	1	1	64	58	9	7	56	48	0	0	0	0	66	36	9	8	68	42	316
18:00	8	4	55	52	67	40	1	1	67	63	7	6	71	55	4	5	0	0	79	38	8	6	60	27	296
18:15	4	2	60	55	79	54	2	2	91	73	14	14	68	56	1	1	0	0	75	41	15	13	88	44	355
18:30	8	2	72	69	73	53	1	1	76	60	13	11	65	55	0	0	0	0	74	39	9	9	76	28	327
18:45	3	1	70	70	56	46	1	1	57	54	8	8	63	55	0	0	0	0	80	51	11	9	109	59	353

Site 99 - Gower Street / Gower Place

	Lane A1		Lane A2		Lane A3		Lane B1		Junction Total PCUs
	A to C		A to C		A to C		B to C		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	
07:00	41	31	187	208	23	20	18	17	277
07:15	34	20	200	223	27	18	17	16	277
07:30	48	28	179	195	40	32	25	25	280
07:45	56	36	204	217	39	27	23	18	298
08:00	56	35	211	225	47	36	39	33	329
08:15	53	23	195	198	58	47	39	33	300
08:30	87	50	204	203	52	40	35	27	320
08:45	65	33	209	209	69	44	32	24	309
09:00	62	38	216	223	74	53	38	33	348
09:15	49	37	212	223	52	43	31	24	326
09:30	46	23	190	204	49	43	30	23	293
09:45	58	51	196	202	41	32	41	36	321
16:00	44	42	177	185	38	35	45	43	305
16:15	44	39	170	187	42	36	35	29	292
16:30	43	39	173	182	64	60	39	35	315
16:45	38	25	141	160	52	45	39	35	265
17:00	38	28	162	174	40	35	51	41	278
17:15	52	47	139	146	40	35	39	32	260
17:30	58	45	176	184	35	29	57	42	299
17:45	62	32	178	191	28	24	54	44	290
18:00	78	57	233	242	21	18	51	37	353
18:15	46	36	233	238	32	27	42	33	334
18:30	73	61	239	245	17	12	24	20	337
18:45	58	48	220	227	28	25	40	35	335

Site 50 -

	Lane D2						Junction Total
	D to C		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	54	52	45	47	0	0	329
07:15	55	54	47	44	0	0	373
07:30	79	77	44	41	0	0	455
07:45	79	74	55	55	0	0	458
08:00	79	76	55	56	0	0	465
08:15	67	61	44	43	0	0	459
08:30	67	58	55	48	0	0	516
08:45	77	68	72	67	0	0	492
09:00	84	80	72	65	0	0	468
09:15	83	82	58	57	0	0	451
09:30	84	86	45	45	0	0	447
09:45	77	75	51	49	0	0	427
16:00	44	40	30	32	0	0	447
16:15	39	39	42	40	0	0	458
16:30	50	46	43	43	0	0	458
16:45	35	35	46	45	0	0	431
17:00	43	39	48	46	0	0	425
17:15	38	41	44	41	0	0	384
17:30	39	40	59	55	0	0	423
17:45	51	49	42	41	2	1	458
18:00	41	40	53	51	12	5	424
18:15	56	51	50	48	3	1	479
18:30	54	51	76	74	0	0	499
18:45	61	60	54	54	1	1	509

Site 51 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 99 -

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
09:45
16:00
16:15
16:30
16:45
17:00
17:15
17:30
17:45
18:00
18:15
18:30
18:45

Site 100 - Gordon Street / Gower Place

	Lane A1						Lane B1						Lane C1						Junction
	A to D		A to C		A to B		B to A		B to D		B to C		C to B		C to A		C to D		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	3	1	35	27	15	11	18	18	7	7	1	0	0	0	42	38	8	7	108
07:15	4	4	34	27	13	12	26	25	10	8	2	1	0	0	33	27	5	6	109
07:30	7	6	51	36	30	19	24	21	11	10	4	2	0	0	36	34	11	9	137
07:45	5	5	42	30	28	19	38	35	13	11	1	0	3	4	55	44	18	7	154
08:00	8	7	66	48	35	25	54	50	23	19	2	1	1	2	35	32	15	11	194
08:15	9	7	58	37	28	16	35	30	18	11	3	2	0	0	57	47	15	11	162
08:30	9	6	60	40	56	29	41	38	16	12	8	5	0	0	52	42	23	13	184
08:45	12	10	79	51	45	26	46	44	19	11	8	3	0	0	64	46	21	14	204
09:00	9	7	52	36	34	25	53	44	17	12	2	1	0	0	62	48	21	12	185
09:15	10	9	48	37	18	13	36	34	15	13	5	3	1	1	52	45	11	7	161
09:30	4	2	58	53	34	24	43	41	6	5	5	3	0	0	66	63	25	17	207
09:45	7	6	42	30	24	20	40	39	27	22	8	4	1	1	65	61	19	16	199
16:00	9	9	47	42	22	20	41	40	18	18	3	3	0	0	69	64	20	17	212
16:15	13	11	52	46	29	24	42	40	11	9	2	1	0	0	66	55	13	10	196
16:30	6	6	42	40	7	6	45	37	20	18	1	1	2	0	70	58	13	10	177
16:45	7	8	38	35	19	15	35	34	15	15	2	1	0	0	57	47	11	9	165
17:00	4	4	48	44	18	13	54	52	21	19	1	1	2	0	76	65	19	15	212
17:15	4	2	43	35	14	11	45	40	18	16	2	2	1	0	67	50	13	11	167
17:30	7	4	50	38	20	15	42	32	14	11	4	2	1	0	83	64	32	27	193
17:45	14	13	44	28	17	12	48	38	22	17	5	4	1	1	80	53	18	15	181
18:00	5	2	68	54	18	12	43	30	10	11	3	2	0	0	90	67	25	20	197
18:15	10	8	60	51	12	11	36	25	12	11	0	0	2	2	93	73	18	16	198
18:30	5	5	47	37	17	11	56	43	13	9	0	0	3	1	92	70	9	7	184
18:45	14	12	49	43	17	14	42	31	20	17	1	1	0	0	85	63	9	7	187

Site 101 - Upper Woburn Place / Endsleigh Gardens

	Lane A1				Lane B1				Lane B2				Junction
	A to C		A to B		B to A		B to C		B to A		B to C		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	11	12	142	137	41	42	7	6	79	79	0	0	275
07:15	20	17	163	152	27	33	5	4	70	69	2	1	276
07:30	22	19	186	168	44	44	4	2	84	80	0	0	313
07:45	36	34	157	139	45	39	8	6	78	71	1	1	291
08:00	41	39	164	140	41	40	6	6	64	64	3	3	292
08:15	38	24	184	146	47	38	10	8	79	75	0	0	291
08:30	49	36	177	139	51	32	10	6	71	69	3	3	285
08:45	43	30	199	151	43	35	12	7	59	61	0	0	283
09:00	43	30	159	134	32	32	5	3	71	66	1	1	266
09:15	39	24	154	138	45	48	10	5	72	70	0	0	285
09:30	33	19	155	142	55	52	3	2	75	72	2	2	290
09:45	37	26	141	146	51	53	3	3	61	57	1	1	286
16:00	20	20	133	135	44	41	0	0	101	94	1	1	291
16:15	20	18	145	140	47	40	1	1	101	95	4	2	297
16:30	22	19	121	112	44	40	4	2	70	64	1	1	237
16:45	19	16	130	120	39	40	3	2	75	65	3	3	245
17:00	21	18	111	95	44	35	1	1	84	79	1	1	228
17:15	24	23	135	112	59	46	3	1	79	70	3	2	252
17:30	18	15	144	122	49	28	7	3	90	67	0	0	235
17:45	27	23	140	115	51	44	5	3	83	59	0	0	244
18:00	40	34	167	150	70	50	1	0	99	79	2	2	315
18:15	29	26	163	144	55	32	4	2	88	75	1	1	280
18:30	32	28	173	157	81	49	5	1	108	87	1	1	324
18:45	26	22	169	161	71	49	2	2	94	85	2	2	321

Site 110 - Granby Terrace / Harrington Street

	Lane B1		Lane C1				Junction
	B to A		C to B		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	1	1	0	0	48	43	44
07:15	0	0	0	0	66	60	60
07:30	1	2	1	2	48	38	41
07:45	0	0	1	1	65	57	58
08:00	1	1	0	0	66	56	57
08:15	0	0	2	1	76	61	62
08:30	1	0	0	0	67	49	49
08:45	1	0	0	0	85	71	72
09:00	0	0	1	2	93	72	74
09:15	1	2	0	0	70	61	63
09:30	0	0	0	0	60	53	53
09:45	0	0	1	0	50	46	46
16:00	0	0	0	0	42	42	42
16:15	1	0	0	0	52	46	46
16:30	2	0	0	0	43	41	41
16:45	1	1	2	2	48	44	47
17:00	3	2	1	1	53	47	51
17:15	1	1	1	1	58	49	51
17:30	2	1	1	1	54	47	49
17:45	0	0	0	0	50	41	41
18:00	2	1	0	0	74	61	62
18:15	1	1	0	0	57	51	52
18:30	0	0	0	0	66	59	59
18:45	0	0	0	0	67	65	65

Site 118 - Gloucester Avenue / Oval Road

	Lane A1				Lane B1				Lane B2				Lane C1				Lane C2				Junction
	A to C		A to B		B to A		B to C		B to A		B to C		C to B		C to A		C to B		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	32	29	18	7	0	0	75	71	14	13	0	0	4	1	2	2	21	20	6	6	147
07:15	42	42	24	10	1	0	64	62	9	7	0	0	10	6	9	7	31	27	5	5	167
07:30	55	54	30	10	1	0	75	74	13	12	0	0	12	9	11	10	38	33	2	3	204
07:45	51	48	33	16	0	0	82	77	17	16	0	0	15	8	17	15	58	55	3	3	238
08:00	40	39	44	13	0	0	86	84	28	23	0	0	16	13	20	19	41	32	4	4	226
08:15	51	52	55	19	0	0	92	88	13	12	0	0	7	4	18	17	59	48	1	1	241
08:30	62	63	55	17	0	0	94	100	17	17	1	0	11	5	36	34	67	52	0	0	289
08:45	58	54	64	22	1	1	115	109	24	20	3	3	17	11	43	39	75	58	4	6	321
09:00	51	50	49	15	0	0	95	85	25	23	0	0	28	22	31	28	71	55	0	0	279
09:15	40	38	55	15	0	0	89	86	31	26	2	1	12	8	32	27	58	42	3	3	246
09:30	36	37	31	9	0	0	75	71	28	29	0	0	11	9	26	25	52	42	3	3	224
09:45	36	33	36	14	0	0	70	65	26	24	0	0	27	25	25	23	51	44	0	0	228
16:00	39	34	17	12	1	0	111	107	51	42	0	0	3	3	34	34	34	33	4	5	270
16:15	54	51	12	9	1	1	96	88	37	33	0	0	4	2	33	33	27	27	1	1	244
16:30	39	38	12	9	0	0	106	95	55	49	0	0	8	4	34	33	36	33	3	3	263
16:45	53	51	10	8	0	0	108	95	55	45	0	0	10	4	34	33	26	27	5	6	268
17:00	41	37	10	5	2	1	104	90	62	55	0	0	6	2	35	35	21	19	5	6	250
17:15	28	25	16	9	4	2	106	96	72	58	1	0	7	5	42	44	29	28	6	6	274
17:30	49	48	6	3	4	3	103	88	75	56	0	0	8	4	39	41	22	22	1	1	265
17:45	38	33	16	10	2	2	129	107	79	59	2	1	9	3	42	40	23	20	2	2	276
18:00	43	39	13	5	4	1	109	94	80	60	0	0	7	2	47	46	47	41	5	5	295
18:15	49	46	19	8	3	1	132	99	88	62	0	0	8	6	40	37	39	36	3	3	297
18:30	34	30	13	6	7	2	116	81	89	62	0	0	14	8	55	53	36	34	3	3	279
18:45	30	28	14	9	7	3	142	125	76	62	0	0	8	4	39	39	25	27	2	2	297

Site 119 - Euston Road / N Gower Street

	Lane A1		Lane C1				Lane C2				Junction
	A to B		C to B		C to A		C to B		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	4	4	39	29	4	4	90	103	10	10	149
07:15	6	6	16	8	4	3	53	67	7	7	91
07:30	8	8	20	12	6	4	47	60	4	5	88
07:45	7	7	20	11	9	8	60	74	5	5	104
08:00	3	3	28	19	6	5	55	66	2	2	94
08:15	5	4	26	16	7	6	75	86	2	2	114
08:30	10	7	35	16	8	5	55	64	6	8	100
08:45	6	6	22	12	2	1	58	72	5	6	96
09:00	3	2	34	21	9	8	70	79	3	4	113
09:15	6	4	23	21	4	4	68	80	6	6	114
09:30	7	8	22	21	8	6	69	76	7	8	118
09:45	8	7	31	27	9	7	62	75	8	9	127
16:00	4	5	123	129	28	28	97	93	6	6	260
16:15	6	4	96	103	22	22	75	79	7	7	214
16:30	8	5	103	97	15	15	109	110	6	6	233
16:45	7	6	114	118	14	13	86	87	5	5	229
17:00	7	4	91	95	17	15	55	54	5	5	173
17:15	8	6	103	105	23	22	62	55	8	8	196
17:30	9	6	152	137	12	10	106	103	2	2	257
17:45	11	7	125	122	22	22	89	77	5	5	232
18:00	6	3	132	112	16	14	107	106	4	4	239
18:15	9	6	105	69	12	12	150	155	0	0	241
18:30	7	4	93	72	8	7	163	171	1	1	256
18:45	10	9	119	93	12	11	135	146	2	2	261

Site 120 - Euston Road / Mabledon Place

	Lane A1				Lane A2				Lane A3				Lane B1				Lane B2				Lane C1				Lane C2				Junction
	A to C		A to B		A to C		A to B		A to C		A to B		B to A		B to C		B to A		B to C		C to B		C to A		C to B		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	85	70	4	1	207	218	0	0	181	181	0	0	12	10	0	0	4	4	0	0	0	0	153	149	0	0	215	214	848
07:15	88	83	6	1	202	206	0	0	190	190	0	0	16	15	0	0	4	4	0	0	0	0	191	192	0	0	252	244	935
07:30	115	98	14	3	146	164	0	0	146	143	0	0	21	18	1	0	3	3	0	0	0	0	179	176	1	0	191	187	792
07:45	122	99	23	5	158	162	0	0	163	164	0	0	21	20	0	0	4	4	0	0	0	0	170	169	1	0	214	206	828
08:00	96	92	40	8	182	184	0	0	179	173	0	0	33	30	0	0	1	1	0	0	0	0	188	174	0	0	224	217	879
08:15	54	49	60	12	239	220	0	0	168	165	0	0	32	27	0	0	10	11	0	0	0	0	198	175	0	0	221	210	869
08:30	23	21	60	12	252	234	0	0	161	157	0	0	28	21	1	0	8	7	0	0	0	0	191	181	0	0	213	200	834
08:45	158	132	61	12	157	148	0	0	159	156	0	0	29	23	1	0	9	9	0	0	0	0	193	178	1	0	216	204	863
09:00	160	123	57	11	170	171	0	0	170	168	0	0	30	26	3	1	3	1	0	0	0	0	183	181	0	0	194	187	869
09:15	138	147	58	12	166	163	0	0	150	152	0	0	34	30	1	0	1	0	0	0	0	0	202	204	0	0	212	203	911
09:30	160	141	37	7	169	170	0	0	153	153	0	0	35	33	0	0	5	5	1	2	0	0	219	224	0	0	213	207	942
09:45	122	114	30	6	160	167	0	0	153	155	0	0	48	44	1	1	10	9	0	0	0	0	192	198	0	0	182	181	875
16:00	80	99	6	1	92	96	0	0	99	98	0	0	32	26	0	0	24	22	0	0	0	0	214	222	0	0	175	162	727
16:15	110	117	4	1	109	101	0	0	101	97	0	0	51	39	0	0	23	21	0	0	0	0	198	201	0	0	179	176	752
16:30	95	104	6	1	101	91	0	0	82	79	0	0	35	28	1	0	14	12	0	0	0	0	188	188	0	0	173	155	658
16:45	106	123	8	2	101	93	0	0	82	79	0	0	45	35	0	0	21	21	0	0	0	0	197	205	0	0	186	172	730
17:00	100	111	10	2	116	102	0	0	114	107	0	0	57	36	2	0	35	32	0	0	0	0	190	185	0	0	159	153	728
17:15	119	105	11	2	94	83	0	0	84	80	0	0	65	34	0	0	23	22	0	0	0	0	186	176	1	0	166	155	656
17:30	156	154	13	3	142	127	0	0	108	105	0	0	71	37	1	0	24	22	0	0	0	0	245	227	0	0	240	218	892
17:45	119	122	13	3	144	118	0	0	79	75	0	0	67	30	1	0	22	20	0	0	0	0	244	233	0	0	197	179	779
18:00	140	134	9	2	154	128	0	0	123	114	0	0	83	34	0	0	16	11	0	0	0	0	251	225	0	0	231	202	850
18:15	159	143	11	2	144	125	0	0	108	108	0	0	77	31	0	0	21	18	0	0	0	0	275	247	0	0	228	207	881
18:30	158	130	4	1	132	120	0	0	123	113	0	0	85	35	1	0	20	18	0	0	0	0	260	219	0	0	239	226	861
18:45	150	157	8	2	184	161	0	0	143	138	0	0	71	34	0	0	20	17	0	0	0	0	221	204	0	0	219	204	916

Site 121 - Outer Circle / ZSL Car Park

	Lane A1				Lane B1				Lane B2				Lane C1				Junction
	A to C		A to B		B to A		B to C		B to A		B to C		C to B		C to A		Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	0	0	0	0	0	0	151	41	0	0	10	7	84	68	0	0	117
07:15	0	0	0	0	0	0	184	49	0	0	10	10	95	66	0	0	126
07:30	1	0	1	0	0	0	170	53	2	2	9	9	119	88	1	1	154
07:45	2	0	1	0	0	0	134	46	5	5	4	3	115	83	2	2	139
08:00	1	1	1	0	0	0	95	49	2	2	9	9	127	87	2	2	150
08:15	1	1	0	0	0	0	74	39	1	1	4	5	147	102	0	0	147
08:30	0	0	2	0	0	0	95	64	3	3	1	1	164	111	0	0	179
08:45	0	0	1	0	0	0	70	40	4	3	1	1	164	112	0	0	156
09:00	0	0	0	0	0	0	81	53	4	3	4	4	130	95	2	2	156
09:15	2	1	1	0	0	0	84	55	3	3	5	5	107	83	5	4	151
09:30	1	0	1	0	0	0	67	42	2	2	5	5	101	81	2	2	133
09:45	3	3	1	2	1	1	78	49	7	8	4	4	98	83	6	6	156
16:00	6	6	8	8	0	0	91	63	0	0	8	7	82	73	4	2	159
16:15	2	2	8	5	0	0	106	73	1	1	5	5	61	52	5	3	141
16:30	6	6	10	10	1	0	85	55	4	4	6	6	75	65	1	1	147
16:45	8	8	8	8	1	2	110	66	1	1	17	16	79	69	3	3	173
17:00	7	7	3	3	0	0	126	84	1	1	15	15	69	55	1	1	166
17:15	6	6	4	4	0	0	118	67	1	1	15	15	92	78	2	2	172
17:30	3	3	6	7	0	0	159	94	0	0	16	16	80	64	1	1	185
17:45	6	6	8	8	1	0	179	91	0	0	17	15	86	68	0	0	187
18:00	7	7	5	4	0	0	188	86	0	0	17	15	105	90	3	3	204
18:15	0	0	4	4	2	0	193	76	3	2	20	19	102	85	1	1	188
18:30	2	2	4	3	0	0	206	89	0	0	39	34	109	82	1	0	210
18:45	3	3	5	5	0	0	187	79	0	0	30	28	83	65	1	0	179

Site 122 - Euston Road / Osnaburgh Street

	Lane A1				Lane A2				Lane A3						Lane B1				Lane B2				Lane B3			
	A to E		A to D		A to B		A to D		A to B		A to E		A to D		A to B		B to E		B to D		B to E		B to D		B to E		B to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	0	0	38	39	0	0	60	55	0	0	0	0	55	56	0	0	0	0	5	4	0	0	69	73	85	71	0	0
07:15	0	0	0	0	26	26	0	0	75	75	0	0	2	1	56	56	0	0	0	0	20	18	0	0	30	31	72	60	0	0
07:30	0	0	0	0	46	47	0	0	78	70	0	0	4	3	44	46	0	0	0	0	56	44	0	0	33	34	89	72	0	0
07:45	0	0	0	0	55	57	0	0	93	81	0	0	0	0	62	62	0	0	0	0	89	75	0	0	22	20	90	71	0	0
08:00	0	0	0	0	46	44	0	0	99	91	0	0	0	0	70	69	0	0	0	0	69	63	0	0	9	6	112	80	0	0
08:15	0	0	0	0	35	35	0	0	91	75	0	0	0	0	60	65	0	0	0	0	55	47	0	0	36	33	112	88	0	0
08:30	0	0	0	0	59	56	0	0	110	86	0	0	0	0	70	67	0	0	0	0	42	34	0	0	45	45	121	103	0	0
08:45	0	0	0	0	43	42	0	0	122	85	0	0	0	0	71	67	0	0	0	0	72	71	0	0	14	13	138	108	0	0
09:00	0	0	0	0	42	42	0	0	95	70	0	0	0	0	50	47	0	0	0	0	60	50	0	0	16	17	108	94	0	0
09:15	0	0	0	0	48	47	1	1	113	92	0	0	1	1	69	69	0	0	0	0	83	74	0	0	9	7	130	115	0	0
09:30	0	0	0	0	46	47	0	0	100	77	0	0	0	0	50	49	0	0	0	0	82	77	0	0	15	14	115	107	0	0
09:45	0	0	0	0	50	50	0	0	85	76	0	0	0	0	51	47	0	0	0	0	91	87	0	0	9	6	125	119	0	0
16:00	0	0	0	0	54	54	0	0	67	70	0	0	0	0	44	44	0	0	0	0	18	18	0	0	52	54	103	95	0	0
16:15	0	0	0	0	45	45	0	0	62	61	0	0	0	0	48	45	0	0	0	0	25	21	0	0	42	42	125	112	0	0
16:30	0	0	0	0	45	42	1	1	64	62	0	0	0	0	57	53	0	0	0	0	54	47	0	0	10	10	133	119	0	0
16:45	0	0	0	0	43	40	0	0	56	55	0	0	0	0	40	36	0	0	0	0	67	65	0	0	16	17	143	130	0	0
17:00	0	0	0	0	42	37	0	0	60	62	0	0	0	0	51	48	0	0	0	0	41	37	0	0	17	17	159	135	0	0
17:15	0	0	0	0	51	44	0	0	74	69	0	0	0	0	48	44	0	0	0	0	62	58	0	0	22	20	152	123	0	0
17:30	0	0	0	0	39	39	0	0	64	63	0	0	2	2	48	46	0	0	0	0	63	61	0	0	22	23	190	157	0	0
17:45	0	0	0	0	41	41	0	0	67	61	0	0	2	3	45	42	0	0	0	0	80	71	0	0	12	10	217	161	0	0
18:00	0	0	0	0	33	31	0	0	78	66	0	0	1	1	46	44	0	0	0	0	88	81	0	0	12	8	196	139	0	0
18:15	0	0	0	0	48	44	0	0	67	51	0	0	1	1	46	43	0	0	0	0	94	87	0	0	12	8	178	128	0	0
18:30	0	0	0	0	38	35	0	0	71	70	0	0	1	1	47	47	0	0	0	0	106	99	0	0	11	8	192	142	0	0
18:45	0	0	0	0	45	45	0	0	78	73	0	0	1	1	41	37	0	0	0	0	104	103	0	0	6	5	154	110	0	0

Site 123 - Euston Road / Marylebone Road

	Lane B1				Lane B2				Lane B3				Lane C1						Lane C2				Lane C3			
	B to A		B to D		B to A		B to D		B to A		B to D		C to B		C to A		C to D		C to B		C to A		C to D		C to B		C to A		C to D	
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs
07:00	0	0	84	71	0	0	169	177	0	0	154	156	0	0	0	0	38	41	0	0	11	14	21	22	0	0	24	23	1	1
07:15	0	0	83	64	0	0	144	156	0	0	149	149	0	0	0	0	54	58	0	0	18	19	16	16	0	0	9	9	0	0
07:30	0	0	92	67	0	0	156	166	0	0	169	168	0	0	0	0	39	43	0	0	23	22	8	10	0	0	25	22	1	1
07:45	0	0	98	78	0	0	154	160	0	0	159	160	0	0	0	0	54	58	0	0	20	21	11	11	0	0	32	26	0	0
08:00	0	0	115	77	0	0	131	143	0	0	138	139	0	0	0	0	57	59	0	0	27	26	14	14	0	0	38	35	0	0
08:15	0	0	116	85	0	0	139	147	0	0	156	157	0	0	1	1	37	43	0	0	24	26	10	11	0	0	40	36	0	0
08:30	0	0	141	114	0	0	154	163	0	0	156	154	0	0	0	0	52	55	0	0	28	26	18	19	0	0	52	48	0	0
08:45	0	0	154	114	0	0	151	153	0	0	140	142	0	0	0	0	55	58	0	0	23	22	14	14	0	0	43	39	1	1
09:00	0	0	121	100	0	0	147	156	0	0	142	144	0	0	0	0	39	42	0	0	29	28	4	4	0	0	29	28	0	0
09:15	0	0	137	116	0	0	157	161	0	0	146	151	0	0	0	0	48	55	0	0	26	27	14	14	0	0	55	53	0	0
09:30	0	0	118	110	0	0	155	165	0	0	152	156	0	0	0	0	52	57	0	0	32	35	8	8	0	0	47	47	1	1
09:45	0	0	136	125	0	0	170	179	0	0	177	186	0	0	1	1	42	45	0	0	25	24	10	10	0	0	48	48	0	0
16:00	0	0	99	90	0	0	129	133	0	0	128	130	0	0	0	0	55	56	0	0	60	60	14	14	0	0	80	81	0	0
16:15	0	0	119	111	0	0	130	129	0	0	134	135	0	0	0	0	48	46	0	0	60	53	7	8	1	2	83	79	0	0
16:30	0	0	139	123	0	0	109	110	0	0	107	107	0	0	2	1	62	64	0	0	48	44	10	10	0	0	79	77	1	1
16:45	0	0	159	139	0	0	146	144	0	0	134	134	0	0	0	0	49	51	0	0	47	41	5	4	2	4	57	57	0	0
17:00	0	0	163	136	0	0	165	164	0	0	149	147	0	0	1	1	53	51	0	0	52	47	8	7	0	0	70	67	0	0
17:15	0	0	150	122	0	0	146	144	0	0	144	140	0	0	0	0	64	60	0	0	71	59	5	5	0	0	65	63	0	0
17:30	0	0	187	144	0	0	159	154	0	0	157	152	0	0	2	0	44	42	0	0	57	50	18	16	1	0	65	59	0	0
17:45	0	0	207	145	0	0	182	174	0	0	153	149	0	0	0	0	48	45	0	0	58	49	15	15	1	0	55	48	0	0
18:00	0	0	164	122	0	0	190	173	0	0	169	164	0	0	3	1	53	53	0	0	63	43	6	6	0	0	78	67	1	1
18:15	0	0	186	132	0	0	187	173	0	0	147	141	0	0	0	0	56	53	0	0	85	59	6	5	1	1	67	62	0	0
18:30	0	0	186	132	0	0	235	214	0	0	200	196	0	0	0	0	42	39	0	0	76	57	9	6	0	0	67	61	0	0
18:45	0	0	128	96	0	0	213	192	0	0	177	172	0	0	0	0	43	44	0	0	69	57	6	6	1	1	55	54	0	0

Site 121

Time
07:00
07:15
07:30
07:45
08:00
08:15
08:30
08:45
09:00
09:15
09:30
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16:00
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16:45
17:00
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17:30
17:45
18:00
18:15
18:30
18:45

Site 122

	Lane B4				Lane B5				Lane C1						Lane E1				Lane E2				Lane E3				Junction Total
	B to E		B to D		B to E		B to D		C to B		C to E		C to D		E to D		E to B		E to D		E to B		E to D		E to B		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	166	178	0	0	163	164	0	0	0	0	0	0	0	0	0	0	66	52	0	0	283	288	0	0	207	206	1186
07:15	137	147	0	0	156	156	0	0	0	0	1	0	0	0	0	0	58	45	0	0	241	244	0	0	197	197	1054
07:30	160	166	0	0	173	173	0	0	0	0	2	0	2	1	0	0	89	63	0	0	256	262	0	0	234	227	1207
07:45	154	157	0	0	179	179	0	0	0	0	2	1	2	1	0	0	86	44	0	0	275	274	0	0	224	214	1235
08:00	140	145	0	0	143	143	0	0	0	0	0	0	2	0	0	0	81	53	0	0	243	242	0	0	207	207	1143
08:15	139	145	0	0	155	156	0	0	0	0	2	0	5	3	0	0	91	55	0	0	300	290	0	0	200	194	1185
08:30	160	167	0	0	163	159	0	0	0	0	2	0	5	3	0	0	113	60	1	0	311	291	0	0	201	189	1262
08:45	151	153	0	0	151	151	0	0	0	0	0	0	3	2	0	0	69	37	0	0	299	285	0	0	162	145	1160
09:00	150	158	0	0	150	151	0	0	0	0	2	0	2	2	0	0	86	51	0	0	318	302	0	0	157	144	1127
09:15	141	151	0	0	161	165	0	0	0	0	2	0	3	2	0	0	82	63	0	0	258	257	0	0	165	158	1202
09:30	143	156	0	0	156	158	0	0	0	0	0	0	1	0	0	0	83	81	0	0	256	250	0	0	141	136	1152
09:45	169	177	0	0	192	199	0	0	0	0	3	1	3	1	0	0	73	62	0	0	306	313	0	0	138	139	1276
16:00	130	134	0	0	139	139	0	0	0	0	2	2	4	3	0	0	80	75	0	0	260	261	1	0	128	129	1077
16:15	123	123	0	0	131	133	0	0	0	0	2	0	5	4	0	0	98	94	0	0	273	272	0	0	139	136	1088
16:30	107	108	0	0	111	112	0	0	0	0	0	0	5	4	0	0	100	87	0	0	237	236	0	0	189	188	1069
16:45	152	147	0	0	137	137	0	0	0	0	3	1	4	5	0	0	86	78	0	0	235	239	0	0	191	184	1132
17:00	165	162	0	0	147	148	0	0	0	0	6	1	3	3	0	0	90	77	0	0	229	226	0	0	183	179	1130
17:15	135	132	0	0	150	149	0	0	0	0	5	1	6	1	0	0	114	82	0	0	251	249	0	0	191	184	1154
17:30	156	146	0	0	145	145	0	0	0	0	12	4	4	3	0	0	123	98	0	0	251	244	0	0	186	179	1208
17:45	159	148	0	0	149	148	0	0	0	0	3	1	4	2	0	0	137	114	0	0	236	228	0	0	146	141	1170
18:00	166	161	0	0	161	160	0	0	0	0	11	2	7	4	0	0	145	106	0	0	248	243	0	0	132	129	1176
18:15	185	171	0	0	159	155	0	0	0	0	9	2	8	2	1	0	119	85	0	0	269	261	0	0	159	149	1189
18:30	227	206	0	0	193	192	0	0	0	0	7	3	6	3	0	0	123	101	0	0	271	271	0	0	170	167	1343
18:45	178	172	0	0	182	179	0	0	0	0	4	2	1	0	0	0	125	86	0	0	244	242	0	0	167	167	1221

Site 123

	Lane C4				Lane D1				Lane D2				Lane D3				Lane D4				Junction Total
	C to B		C to A		C to D		D to B		D to A		D to B		D to A		D to B		D to A		D to B		D to A		
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	3	5	4	2	0	0	0	0	71	73	107	86	0	0	222	230	0	0	227	227	0	0	1126
07:15	1	2	0	0	0	0	0	0	69	70	103	75	0	0	206	213	0	0	180	184	0	0	1015
07:30	3	6	1	1	0	0	0	0	77	74	136	98	0	0	211	221	0	0	233	228	0	0	1124
07:45	2	4	2	0	0	0	0	0	77	71	146	100	0	0	214	212	0	0	216	207	0	0	1108
08:00	4	4	4	1	0	0	0	0	74	71	134	106	0	0	205	202	0	0	204	200	0	0	1076
08:15	0	0	2	0	0	0	0	0	71	71	163	118	0	0	208	216	0	0	224	209	0	0	1119
08:30	4	8	6	1	0	0	0	0	78	67	183	115	0	0	223	215	0	0	207	194	0	0	1178
08:45	3	4	1	0	0	0	0	0	76	68	148	98	0	0	190	190	0	0	198	179	0	0	1083
09:00	3	4	2	0	0	0	0	0	92	87	142	95	0	0	213	213	0	0	212	191	0	0	1093
09:15	3	6	0	0	0	0	1	0	75	74	124	94	0	0	195	204	0	0	188	177	0	0	1133
09:30	2	4	1	0	0	0	0	0	71	75	104	91	0	0	203	204	0	0	182	175	0	0	1127
09:45	3	6	1	1	0	0	0	0	80	83	113	95	0	0	199	213	0	0	198	195	0	0	1210
16:00	3	2	0	0	0	0	0	0	84	86	96	92	0	0	186	189	0	0	180	179	0	0	1110
16:15	5	6	2	0	0	0	0	0	77	83	98	93	0	0	207	208	0	0	197	192	0	0	1145
16:30	2	0	2	0	0	0	0	0	98	92	116	108	0	0	203	201	0	0	201	199	0	0	1138
16:45	3	4	2	0	0	0	0	0	108	108	93	81	0	0	208	211	0	0	198	192	0	0	1171
17:00	0	0	0	0	0	0	0	0	104	105	102	89	0	0	197	194	0	0	205	200	0	0	1208
17:15	6	8	3	1	0	0	0	0	102	97	123	89	0	0	204	199	0	0	216	210	0	0	1196
17:30	3	2	3	1	0	0	0	0	103	99	111	82	0	0	210	209	0	0	223	213	0	0	1225
17:45	4	4	4	1	0	0	0	0	98	99	105	79	0	0	212	208	0	0	208	199	0	0	1215
18:00	7	5	6	2	0	0	1	0	90	89	121	91	0	0	192	183	0	0	208	201	0	0	1200
18:15	6	5	2	0	0	0	0	0	85	79	124	93	0	0	210	211	0	0	209	190	0	0	1202
18:30	3	4	1	1	0	0	0	0	83	86	126	96	0	0	204	207	0	0	214	208	0	0	1308
18:45	4	4	1	0	0	0	0	0	86	88	115	80	0	0	212	211	0	0	204	200	0	0	1204

Site 31a - Euston Station Access

	Lane A1 A to B		Lane A2 A to B		Lane A3 A to B		Junction Total
Time	Vehicles	PCUs	Vehicles	PCUs	Vehicles	PCUs	PCUs
07:00	18	18	13	13	11	11	42
07:15	14	14	16	16	19	19	49
07:30	12	12	20	20	28	28	60
07:45	23	22	24	24	35	35	81
08:00	19	19	24	24	38	38	81
08:15	18	18	10	10	36	36	64
08:30	22	22	12	12	38	38	72
08:45	23	23	24	24	29	29	76
09:00	15	15	16	16	28	28	59
09:15	21	21	22	22	41	41	84
09:30	14	14	26	26	57	57	97
09:45	12	12	31	31	37	37	80
16:00	21	21	49	49	21	21	91
16:15	22	22	44	44	26	26	92
16:30	22	22	41	41	23	23	86
16:45	18	18	15	15	16	16	49
17:00	17	17	33	33	24	24	74
17:15	18	18	35	35	12	12	65
17:30	19	19	32	32	20	19	70
17:45	13	13	21	21	15	15	49
18:00	19	19	34	34	16	16	69
18:15	15	15	30	30	6	6	51
18:30	20	20	35	35	14	14	69
18:45	17	17	25	25	5	5	47

Appendix C – automatic traffic counts

Intelligent Data - Automatic Traffic Count Output

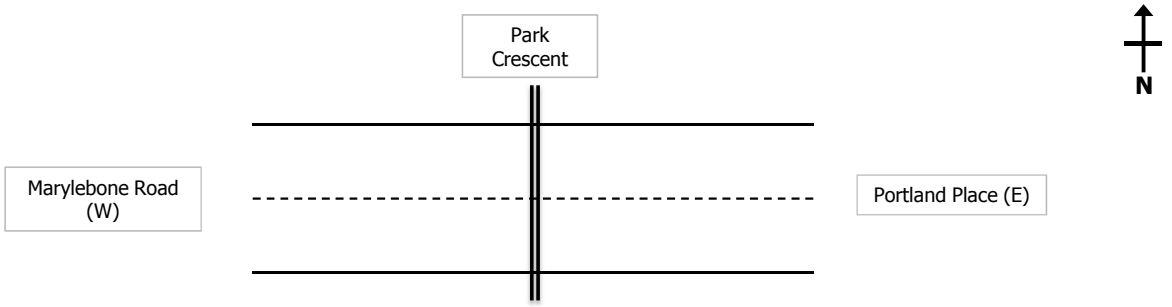
Road Name: Park Crescent
Direction AB: **From:** Marylebone Road (W) **to:** Portland Place (E)
Direction BA: **From:** Portland Place (E) **to:** Marylebone Road (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.522868	-0.146409	04.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.522868,-0.146409&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	78	128	3	2	212
02:00	45	87	2	1	135
03:00	30	76	2	2	110
04:00	30	65	3	1	98
05:00	36	64	5	1	106
06:00	47	52	11	1	110
07:00	75	90	15	3	183
08:00	85	115	15	6	220
09:00	134	192	16	10	351
10:00	135	195	16	9	354
11:00	103	220	15	12	351
12:00	93	241	12	12	358
13:00	88	233	13	18	353
14:00	84	233	12	10	339
15:00	97	245	10	11	363
16:00	94	216	8	10	329
17:00	83	235	10	9	337
18:00	76	275	7	13	371
19:00	126	273	3	13	415
20:00	118	282	4	9	413
21:00	105	257	4	7	373
22:00	99	247	3	4	353
23:00	109	283	4	5	401
00:00	105	250	2	3	361

Fig 1 - Average Two-Way Flow (Tue-Thur)

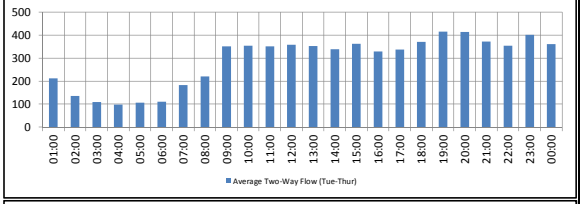
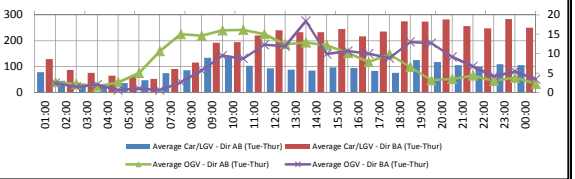


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	354
Inter-Peak	14:00:00	15:00:00	363
PM Peak	18:00:00	19:00:00	415

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	7.6%	3.2%	4.6%

Fig 3 - Peak Hour Analysis (Tue-Thur)

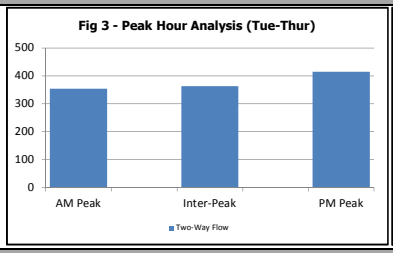
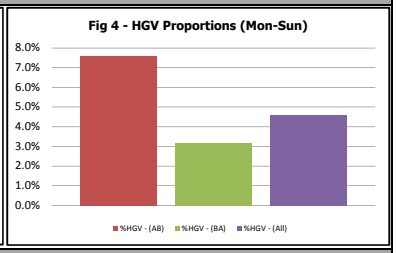


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.32%	0.72%
5	10	6.11%	8.72%
10	15	36.92%	73.81%
15	20	87.02%	91.39%
20	25	99.10%	98.01%
25	30	99.92%	99.70%
30	35	99.99%	99.96%
35	40	100.00%	99.99%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

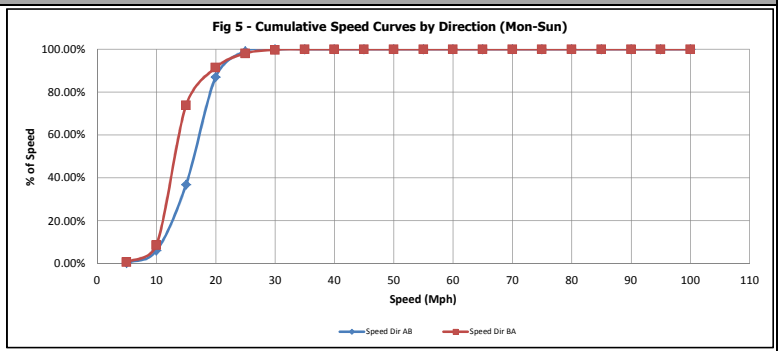


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	16.0	19.8
BA	13.9	18.2

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

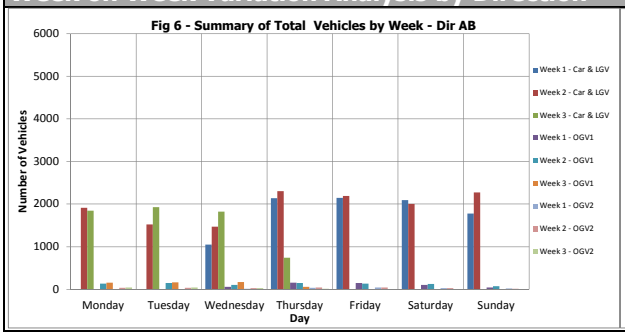
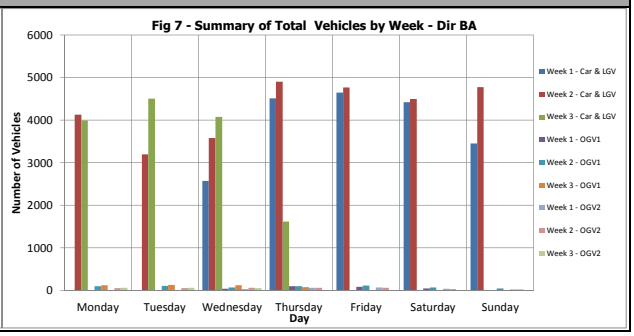


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

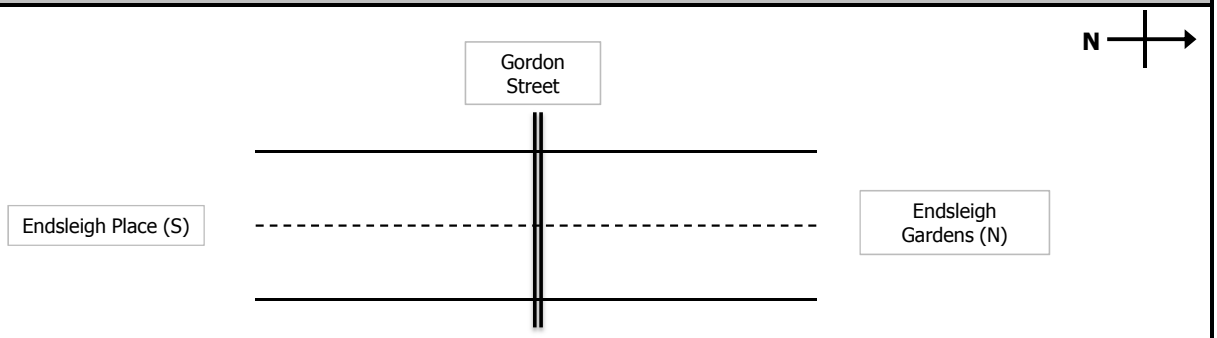
Road Name: Gordon Street
Direction AB: **From:** Endsleigh Place (S) **to:** Endsleigh Gardens (N)
Direction BA: **From:** Endsleigh Gardens (N) **to:** Endsleigh Place (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.525341	-0.132701	04.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.525341,-0.132701&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	70	24	3	1	97
02:00	29	13	0	0	42
03:00	15	4	1	0	21
04:00	15	8	1	1	25
05:00	25	10	2	1	38
06:00	49	21	4	1	74
07:00	125	55	11	3	194
08:00	155	121	19	7	302
09:00	179	157	20	6	362
10:00	218	151	13	7	389
11:00	230	134	14	4	382
12:00	196	110	12	5	322
13:00	212	112	14	3	341
14:00	170	101	9	4	284
15:00	168	106	11	3	287
16:00	184	107	9	4	303
17:00	165	129	5	2	302
18:00	179	140	5	3	327
19:00	214	147	7	4	372
20:00	224	115	5	2	347
21:00	210	98	3	1	312
22:00	195	83	2	0	282
23:00	205	69	2	0	277
00:00	132	44	2	0	178

Fig 1 - Average Two-Way Flow (Tue-Thur)

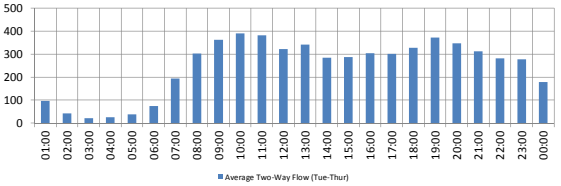
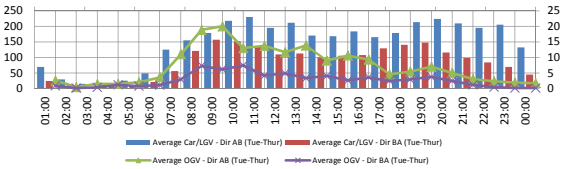


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	389
Inter-Peak	10:00:00	11:00:00	382
PM Peak	18:00:00	19:00:00	372

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	4.2%	3.0%	3.8%

Fig 3 - Peak Hour Analysis (Tue-Thur)

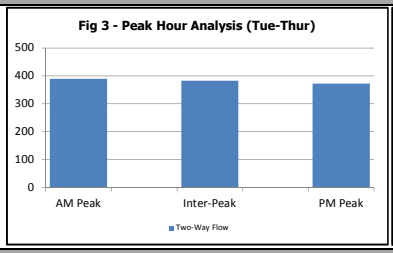
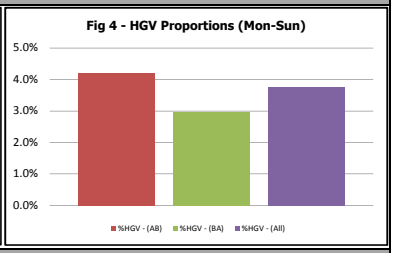


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	1.82%	0.90%
5	10	11.75%	2.35%
10	15	26.23%	14.92%
15	20	48.09%	35.05%
20	25	78.11%	73.30%
25	30	94.96%	94.08%
30	35	99.03%	98.70%
35	40	99.80%	99.69%
40	45	99.96%	99.94%
45	50	99.99%	99.99%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

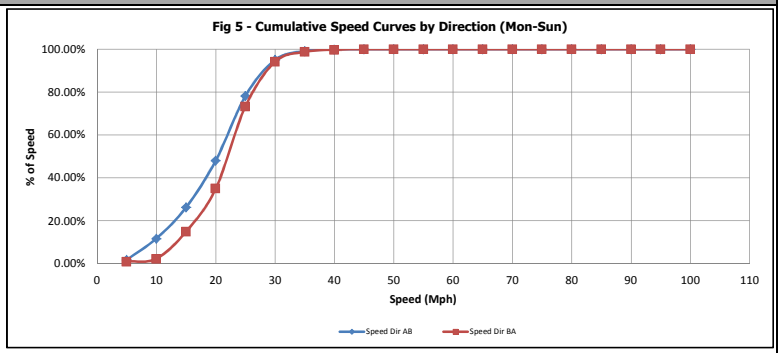


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	19.5	27.0
BA	21.6	27.8

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

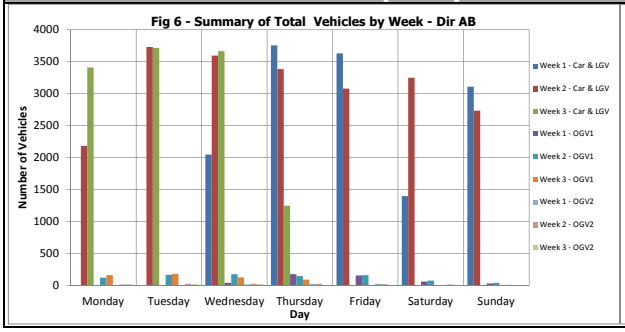
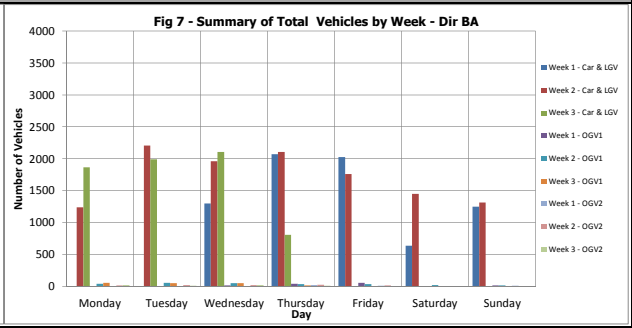


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

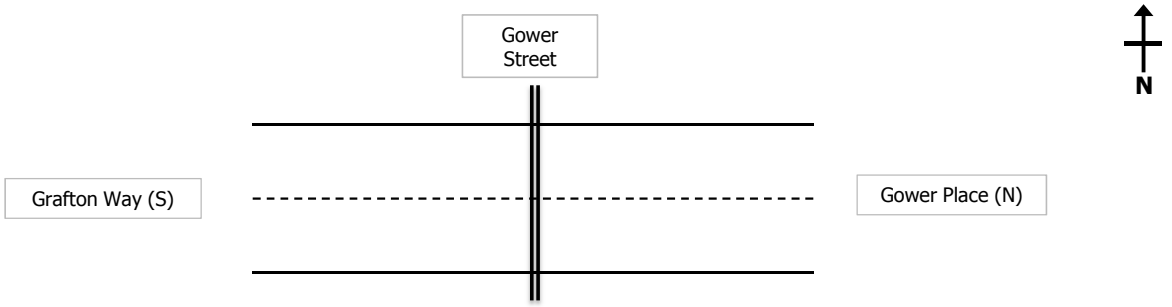
Road Name: Gower Street
Direction AB: **From:** Grafton Way (S) **to:** Gower Place (N)
Direction BA: **From:** Gower Place (N) **to:** Grafton Way (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.52495	-0.135324	03.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.52495,-0.135324&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Gower Street is one-way southbound.

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

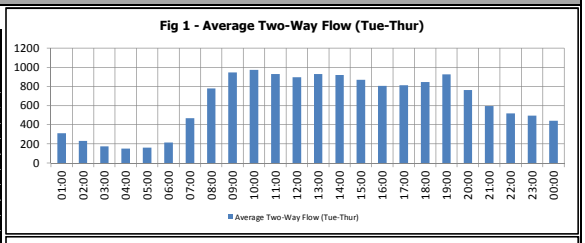
Intelligent Data - Automatic Traffic Count Output

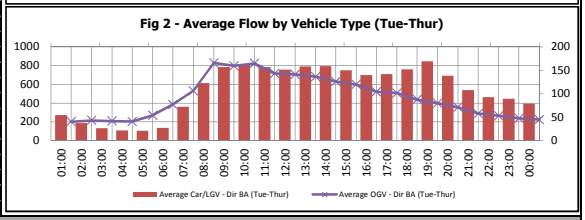
Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	*	272	*	41	312
02:00	*	188	*	43	231
03:00	*	132	*	42	174
04:00	*	110	*	41	151
05:00	*	107	*	54	161
06:00	*	137	*	77	214
07:00	*	361	*	107	467
08:00	*	614	*	166	780
09:00	*	786	*	160	945
10:00	*	808	*	165	972
11:00	*	786	*	143	929
12:00	*	756	*	141	897
13:00	*	792	*	136	928
14:00	*	794	*	126	920
15:00	*	751	*	120	870
16:00	*	701	*	104	805
17:00	*	710	*	102	811
18:00	*	760	*	88	847
19:00	*	844	*	80	924
20:00	*	692	*	71	763
21:00	*	537	*	58	595
22:00	*	465	*	53	518
23:00	*	446	*	48	494
00:00	*	397	*	45	442





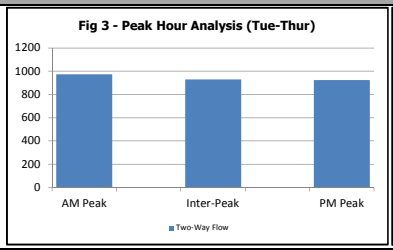
Peak Hour Analysis

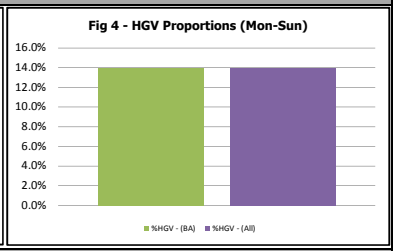
Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	972
Inter-Peak	10:00:00	11:00:00	929
PM Peak	18:00:00	19:00:00	924

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	*	14.0%	14.0%





Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	*	0.28%
5	10	*	1.73%
10	15	*	11.12%
15	20	*	40.68%
20	25	*	82.07%
25	30	*	96.88%
30	35	*	99.41%
35	40	*	99.89%
40	45	*	99.97%
45	50	*	99.99%
50	55	*	100.00%
55	60	*	100.00%
60	65	*	100.00%
65	70	*	100.00%
70	75	*	100.00%
75	80	*	100.00%
80	85	*	100.00%
85	90	*	100.00%
90	95	*	100.00%
95	100	*	100.00%

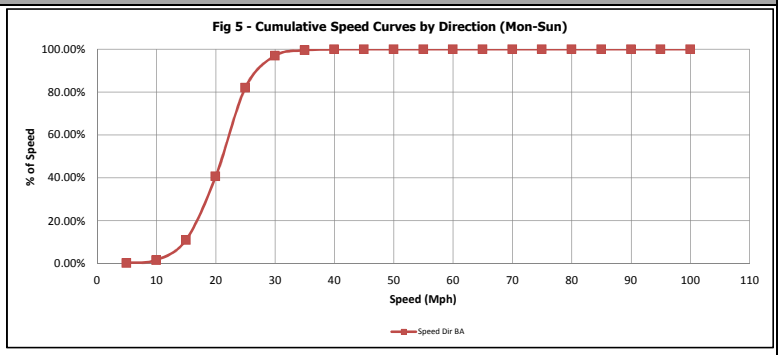
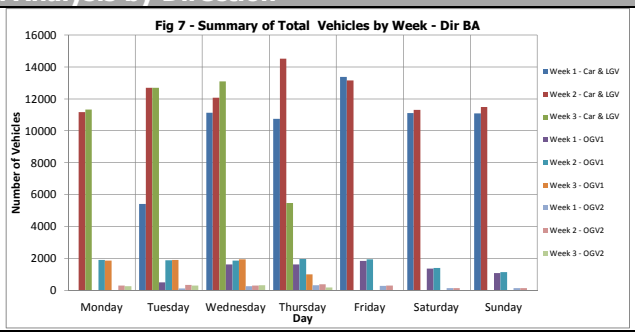


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	*	*
BA	20.9	26.0

Week on Week Variation Analysis by Direction



Intelligent Data - Automatic Traffic Count Output

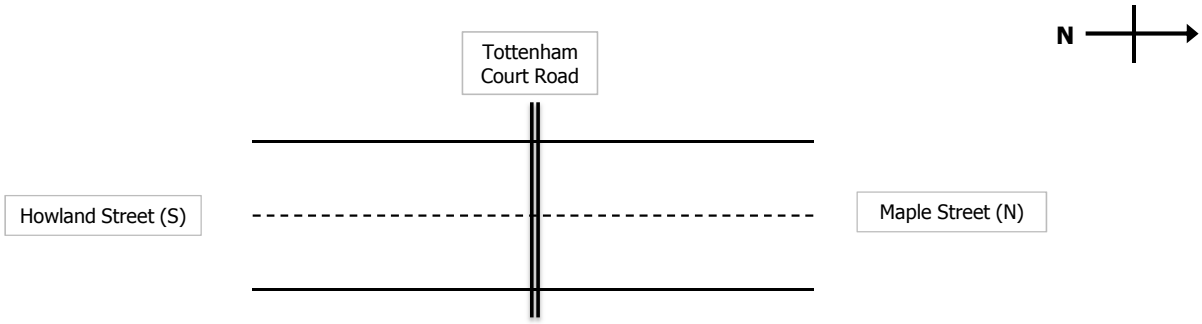
Road Name: Tottenham Court Road
Direction AB: **From:** Howland Street (S) **to:** Maple Street (N)
Direction BA: **From:** Maple Street (N) **to:** Howland Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.522559	-0.136213	05.06.2014	02.07.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.522559,-0.136213&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Tottenham Court Road is one-way northbound.

One unit was used initially, but was replaced with two on the 10th, due to the unit's poor performance. The units were also re-located at this point, to the south of University Street.

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

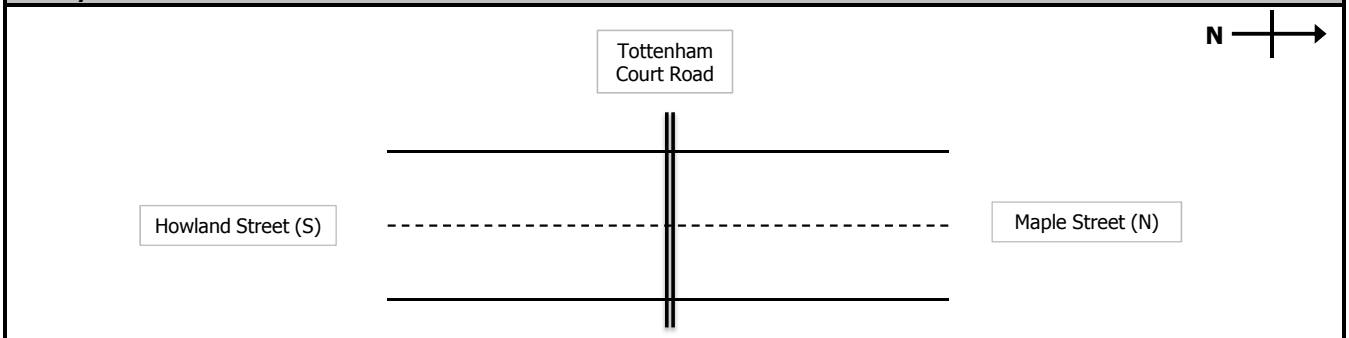
Road Name: Tottenham Court Road
Direction AB: **From:** Howland Street (S) **to:** Maple Street (N)
Direction BA: **From:** Maple Street (N) **to:** Howland Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.522559	-0.136213	05.06.2014	Still in place	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.522559,-0.136213&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Tottenham Court Road is one-way northbound.

One unit was used initially, but was replaced with two on the 10th, due to the unit's poor performance. The units were also re-located at this point, to the south of University Street.

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	450	*	54	*	504
02:00	326	*	48	*	373
03:00	281	*	46	*	327
04:00	224	*	48	*	272
05:00	186	*	59	*	245
06:00	174	*	77	*	250
07:00	263	*	76	*	339
08:00	281	*	109	*	390
09:00	349	*	141	*	490
10:00	395	*	147	*	542
11:00	428	*	135	*	563
12:00	463	*	129	*	592
13:00	433	*	111	*	543
14:00	485	*	101	*	586
15:00	468	*	105	*	574
16:00	496	*	104	*	600
17:00	496	*	101	*	597
18:00	478	*	92	*	570
19:00	475	*	93	*	567
20:00	535	*	79	*	614
21:00	525	*	71	*	596
22:00	510	*	56	*	566
23:00	604	*	53	*	657
00:00	524	*	47	*	572

Fig 1 - Average Two-Way Flow (Tue-Thur)

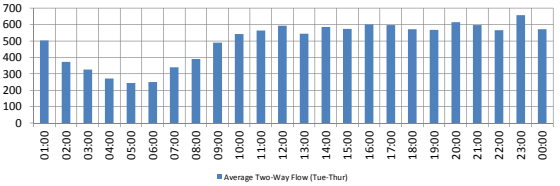
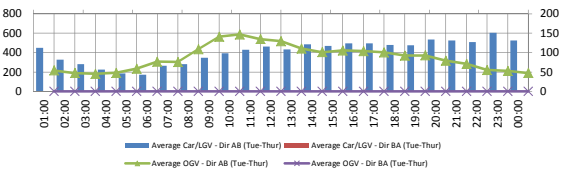


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	542
Inter-Peak	15:00:00	16:00:00	600
PM Peak	16:00:00	17:00:00	597

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	15.6%	*	15.6%

Fig 3 - Peak Hour Analysis (Tue-Thur)

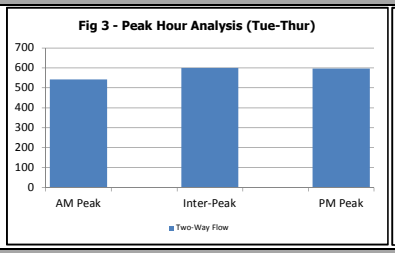
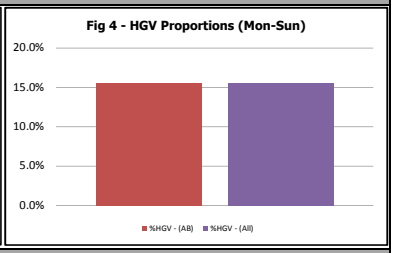


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.07%	*
5	10	3.18%	*
10	15	16.19%	*
15	20	39.13%	*
20	25	72.89%	*
25	30	92.87%	*
30	35	98.39%	*
35	40	99.65%	*
40	45	99.91%	*
45	50	99.97%	*
50	55	99.99%	*
55	60	100.00%	*
60	65	100.00%	*
65	70	100.00%	*
70	75	100.00%	*
75	80	100.00%	*
80	85	100.00%	*
85	90	100.00%	*
90	95	100.00%	*
95	100	100.00%	*

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

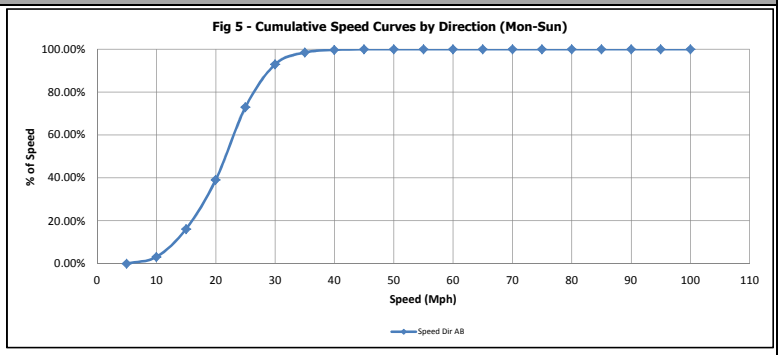
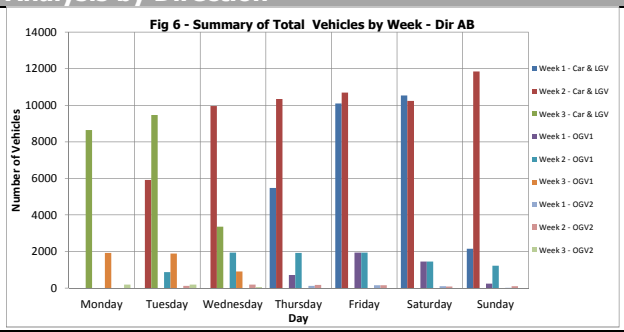


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	21.4	28.0
BA	*	*

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB



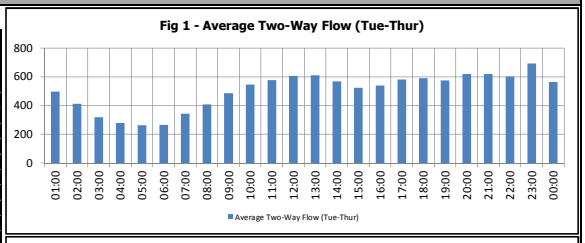
Intelligent Data - Automatic Traffic Count Output

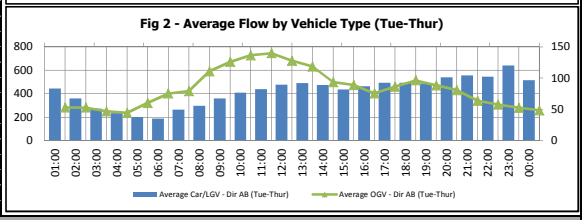
Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	444	*	53	*	497
02:00	360	*	53	*	413
03:00	272	*	47	*	319
04:00	236	*	45	*	280
05:00	203	*	60	*	263
06:00	189	*	75	*	265
07:00	265	*	79	*	345
08:00	297	*	111	*	408
09:00	359	*	126	*	485
10:00	409	*	136	*	545
11:00	438	*	140	*	578
12:00	477	*	128	*	605
13:00	492	*	119	*	611
14:00	474	*	94	*	567
15:00	436	*	89	*	525
16:00	463	*	76	*	539
17:00	495	*	86	*	581
18:00	495	*	96	*	591
19:00	488	*	88	*	576
20:00	539	*	81	*	620
21:00	556	*	64	*	620
22:00	545	*	58	*	602
23:00	641	*	53	*	693
00:00	515	*	49	*	563





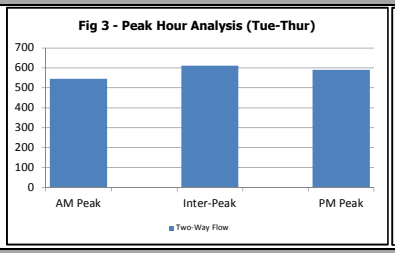
Peak Hour Analysis

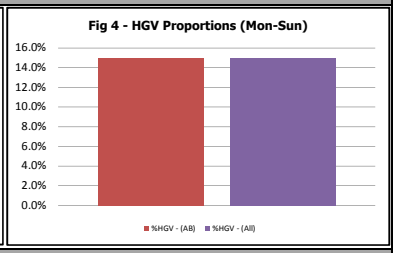
Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	545
Inter-Peak	12:00:00	13:00:00	611
PM Peak	17:00:00	18:00:00	591

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	15.0%	*	15.0%





Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.16%	*
5	10	3.88%	*
10	15	17.25%	*
15	20	39.04%	*
20	25	69.90%	*
25	30	90.67%	*
30	35	97.45%	*
35	40	99.19%	*
40	45	99.64%	*
45	50	99.79%	*
50	55	99.87%	*
55	60	99.90%	*
60	65	99.94%	*
65	70	99.95%	*
70	75	99.96%	*
75	80	99.97%	*
80	85	99.98%	*
85	90	99.99%	*
90	95	100.00%	*
95	100	100.00%	*

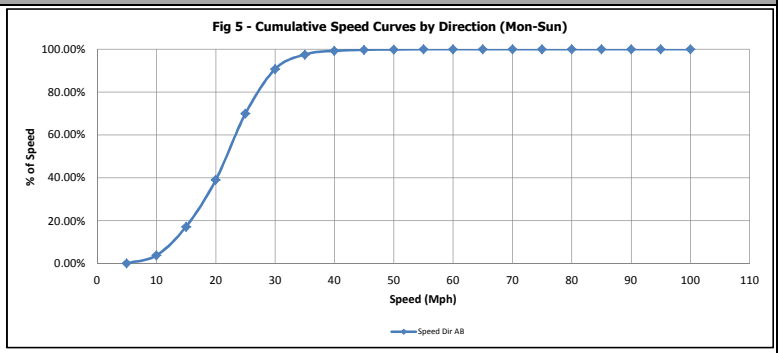
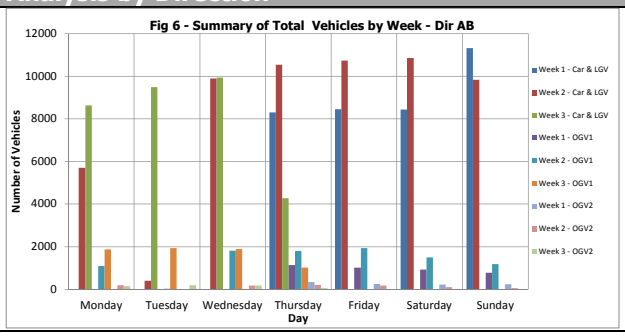


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	21.7	28.6
BA	*	*

Week on Week Variation Analysis by Direction



Intelligent Data - Automatic Traffic Count Output

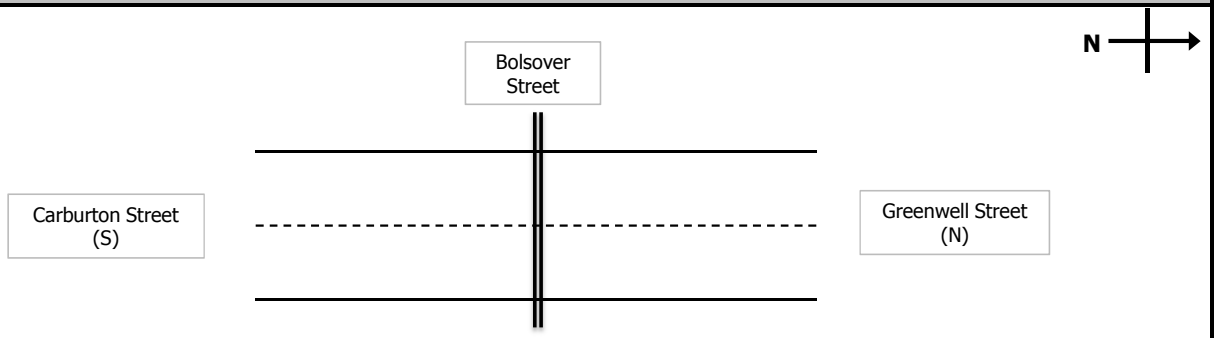
Road Name: Bolsover Street
Direction AB: **From:** Carburton Street (S) **to:** Greenwell Street (N)
Direction BA: **From:** Greenwell Street (N) **to:** Carburton Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.522762	-0.143238	03.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.522762,-0.143238&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

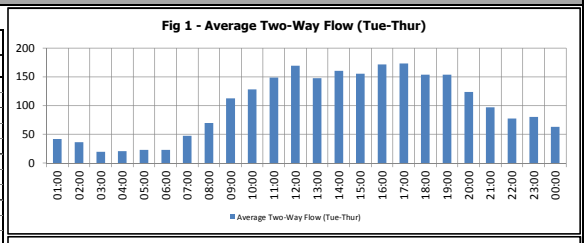
Intelligent Data - Automatic Traffic Count Output

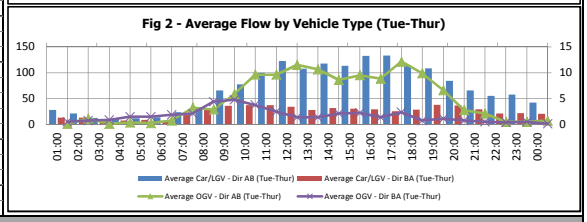
Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	28	13	0	1	42
02:00	21	13	1	1	36
03:00	13	6	0	1	20
04:00	11	8	0	2	21
05:00	12	9	0	2	23
06:00	14	7	1	2	23
07:00	24	18	3	2	47
08:00	33	29	3	4	70
09:00	66	36	6	5	113
10:00	77	37	10	4	128
11:00	100	37	10	3	149
12:00	123	34	12	1	169
13:00	108	28	11	1	148
14:00	118	32	9	2	160
15:00	114	30	10	2	155
16:00	132	29	9	1	172
17:00	133	26	12	2	173
18:00	115	29	10	1	154
19:00	109	38	7	1	154
20:00	84	36	3	1	124
21:00	66	29	2	1	97
22:00	55	21	1	0	77
23:00	58	22	1	1	81
00:00	42	20	1	0	63





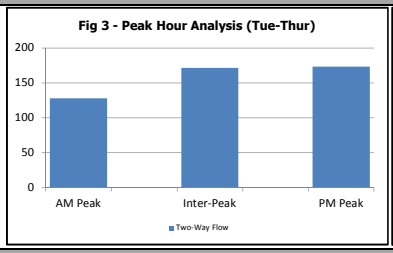
Peak Hour Analysis

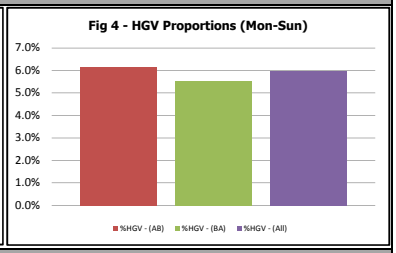
Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	128
Inter-Peak	15:00:00	16:00:00	172
PM Peak	16:00:00	17:00:00	173

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	6.2%	5.5%	6.0%





Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.54%	2.03%
5	10	7.02%	10.24%
10	15	26.49%	32.05%
15	20	55.06%	63.43%
20	25	85.13%	88.31%
25	30	97.30%	97.47%
30	35	99.53%	99.43%
35	40	99.89%	99.86%
40	45	99.98%	99.95%
45	50	100.00%	99.98%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

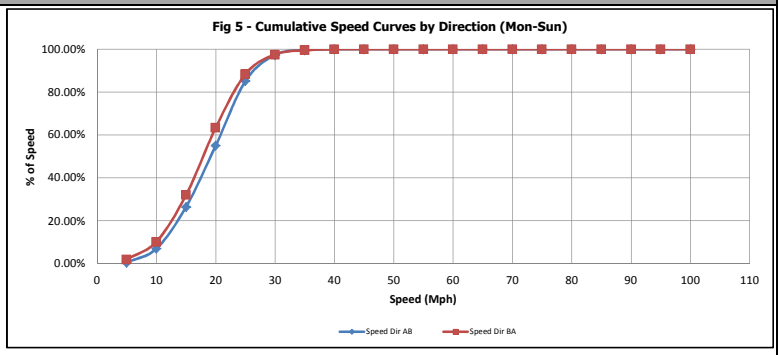
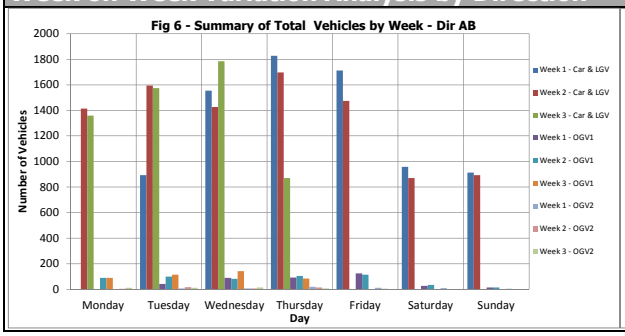
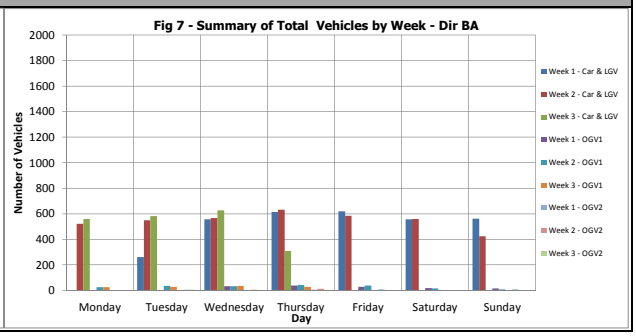


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	19.0	25.0
BA	17.9	24.3

Week on Week Variation Analysis by Direction





Intelligent Data - Automatic Traffic Count Output

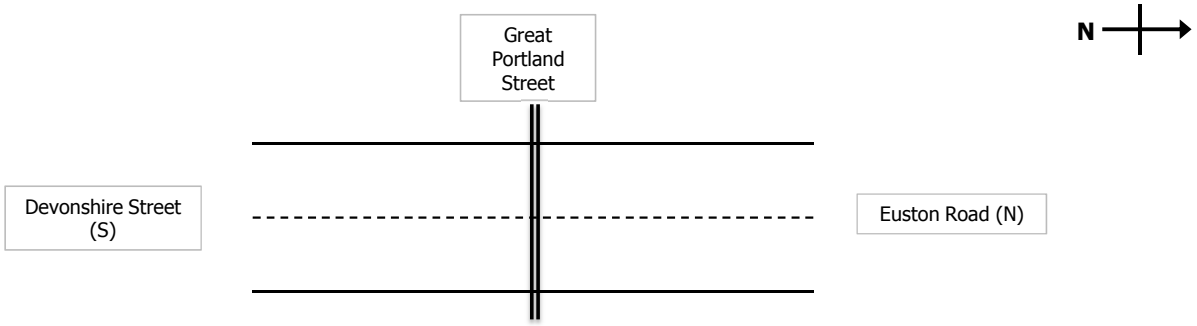
Road Name: Great Portland Street
Direction AB: **From:** Devonshire Street (S) **to:** Euston Road (N)
Direction BA: **From:** Euston Road (N) **to:** Devonshire Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.522733	-0.143925	10.06.2014	Still in place	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.522733,-0.143925&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

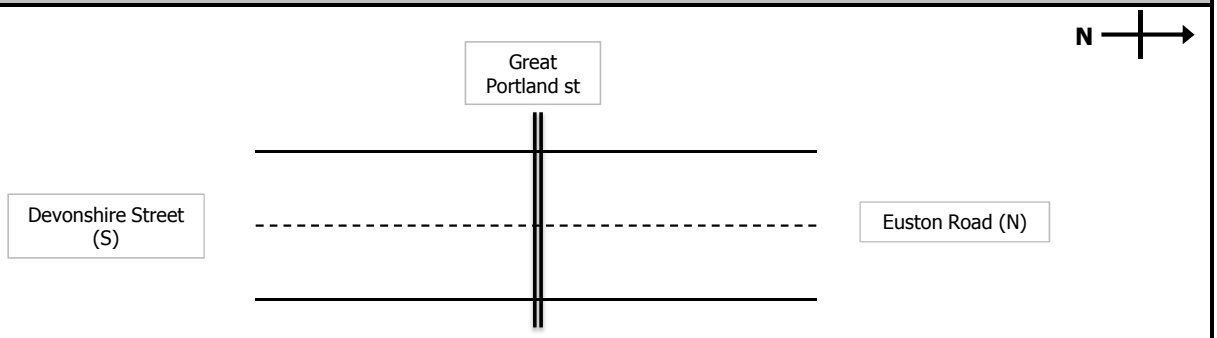
Road Name: Great Portland st
Direction AB: **From:** Devonshire Street (S) **to:** Euston Road (N)
Direction BA: **From:** Euston Road (N) **to:** Devonshire Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.522733	-0.143925	10.06.2014	Still in place	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.522733,-0.143925&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	60	173	11	18	262
02:00	34	125	10	11	180
03:00	24	74	10	9	117
04:00	31	58	10	15	114
05:00	23	81	10	13	127
06:00	35	138	11	23	207
07:00	62	279	17	39	398
08:00	88	349	17	69	523
09:00	153	418	16	48	635
10:00	189	372	20	41	623
11:00	223	369	22	34	648
12:00	268	356	22	32	678
13:00	249	356	22	22	649
14:00	249	353	18	26	645
15:00	299	347	29	26	700
16:00	333	371	26	23	754
17:00	297	337	25	25	684
18:00	231	339	22	28	619
19:00	250	448	16	23	736
20:00	171	365	22	28	586
21:00	130	316	19	22	486
22:00	95	289	11	17	412
23:00	116	281	11	16	425
00:00	98	238	13	18	367

Fig 1 - Average Two-Way Flow (Tue-Thur)

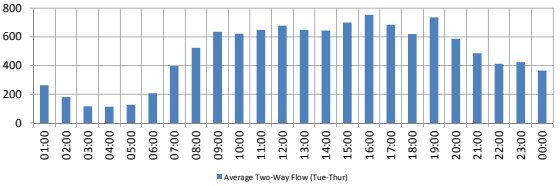
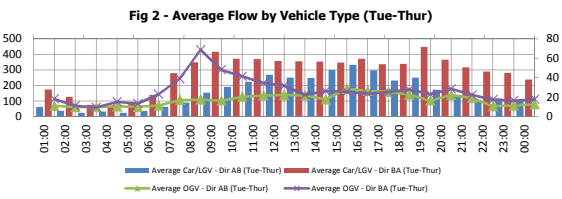


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	635
Inter-Peak	15:00:00	16:00:00	754
PM Peak	18:00:00	19:00:00	736

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	11.1%	8.0%	9.1%

Fig 3 - Peak Hour Analysis (Tue-Thur)

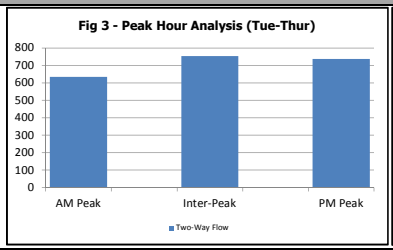
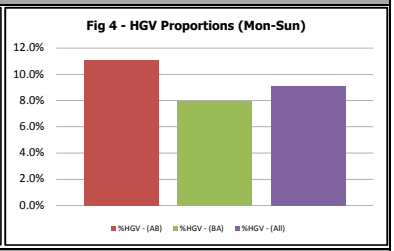


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.28%	0.28%
5	10	5.20%	4.63%
10	15	35.69%	26.79%
15	20	86.46%	63.37%
20	25	98.80%	91.89%
25	30	99.78%	98.82%
30	35	99.91%	99.81%
35	40	99.96%	99.96%
40	45	99.99%	99.99%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

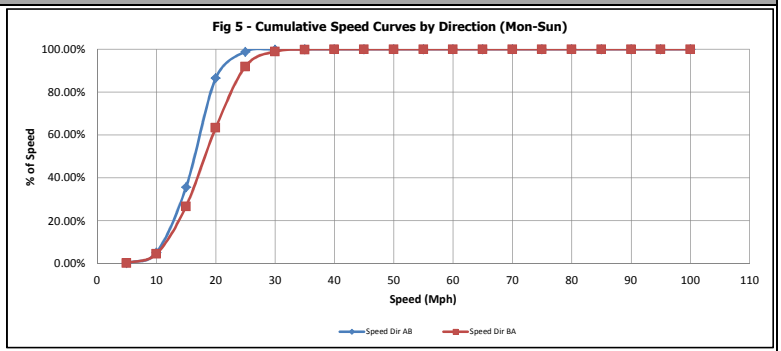


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	16.2	19.9
BA	18.2	23.8

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

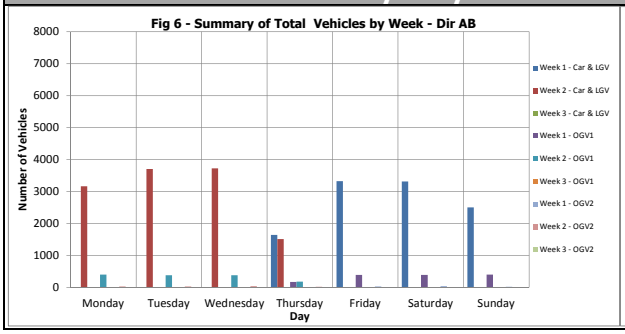
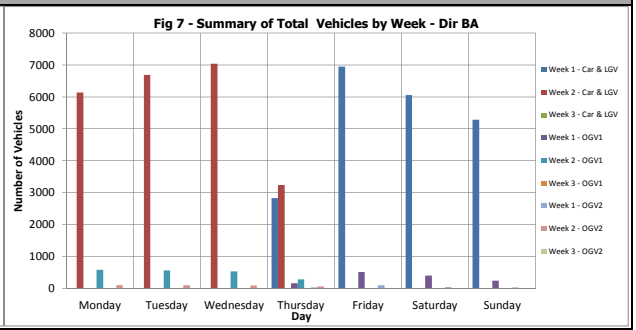


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	60	183	14	15	273
02:00	29	116	10	10	166
03:00	20	77	11	7	115
04:00	22	55	11	14	102
05:00	24	82	12	13	131
06:00	32	140	15	22	209
07:00	59	274	16	39	388
08:00	84	338	22	61	506
09:00	152	386	18	56	612
10:00	184	417	17	37	655
11:00	200	409	22	37	668
12:00	253	388	19	32	692
13:00	271	373	21	33	698
14:00	255	360	23	31	669
15:00	257	345	20	22	643
16:00	324	340	25	23	713
17:00	302	344	23	22	690
18:00	234	333	19	24	610
19:00	275	457	16	22	770
20:00	176	378	21	23	598
21:00	135	332	17	17	501
22:00	110	312	12	14	448
23:00	102	276	14	16	407
00:00	88	239	15	15	358

Fig 1 - Average Two-Way Flow (Tue-Thur)

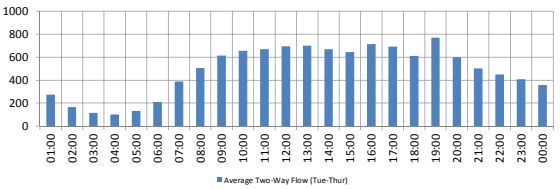
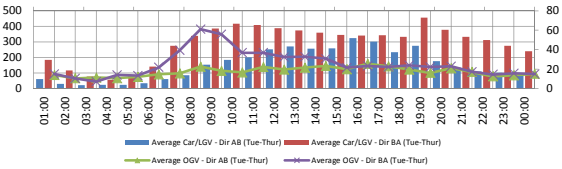


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	655
Inter-Peak	15:00:00	16:00:00	713
PM Peak	18:00:00	19:00:00	770

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	11.0%	8.1%	9.1%

Fig 3 - Peak Hour Analysis (Tue-Thur)

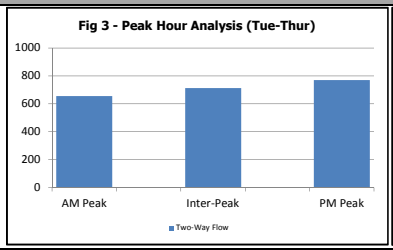
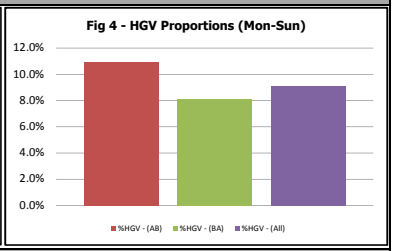


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.29%	0.27%
5	10	4.56%	4.25%
10	15	33.68%	25.91%
15	20	83.79%	61.63%
20	25	98.34%	90.84%
25	30	99.78%	98.54%
30	35	99.93%	99.73%
35	40	99.97%	99.94%
40	45	99.99%	99.97%
45	50	99.99%	99.99%
50	55	100.00%	99.99%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

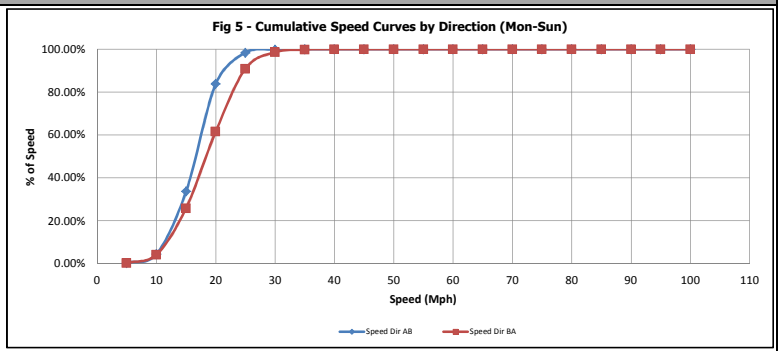


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	16.5	20.4
BA	18.4	24.0

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

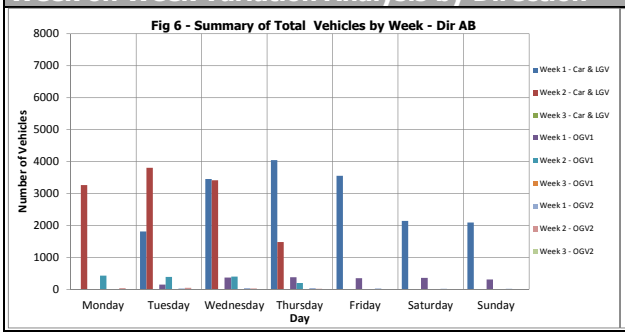
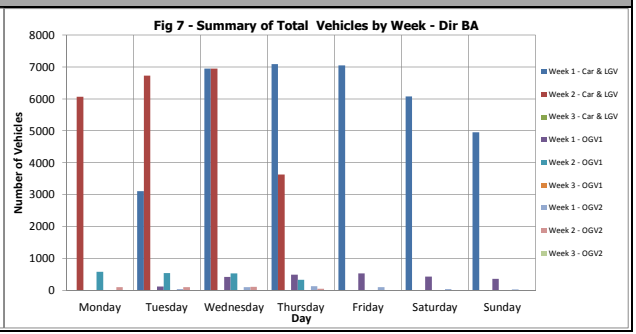


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

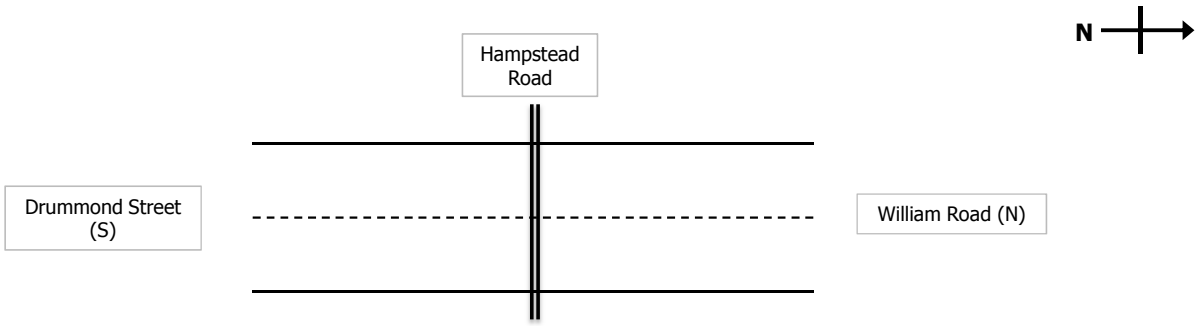
Road Name: Hampstead Road
Direction AB: **From:** Drummond Street (S) **to:** William Road (N)
Direction BA: **From:** William Road (N) **to:** Drummond Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.526925	-0.138653	03.06.2014	Still in place	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.526925,-0.138653&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	295	237	32	33	597
02:00	215	168	26	31	440
03:00	159	100	22	23	304
04:00	146	99	25	26	296
05:00	124	117	33	35	310
06:00	110	202	48	46	406
07:00	167	449	46	68	730
08:00	196	510	43	83	832
09:00	260	518	51	76	904
10:00	263	520	47	63	893
11:00	304	469	66	69	907
12:00	322	449	69	68	909
13:00	318	444	70	63	895
14:00	350	435	74	54	913
15:00	349	417	72	57	894
16:00	385	398	72	53	908
17:00	451	412	86	46	994
18:00	487	417	78	37	1019
19:00	479	562	66	32	1140
20:00	431	474	60	34	999
21:00	389	381	51	30	849
22:00	355	355	38	31	780
23:00	380	347	38	29	793
00:00	352	342	33	28	755

Fig 1 - Average Two-Way Flow (Tue-Thur)

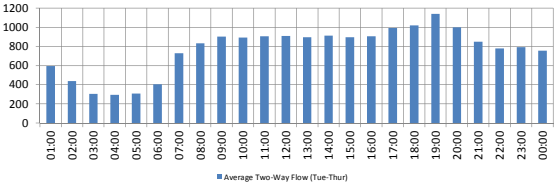
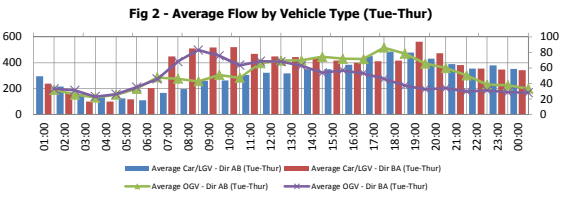


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	904
Inter-Peak	13:00:00	14:00:00	913
PM Peak	18:00:00	19:00:00	1140

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	13.6%	10.6%	12.0%

Fig 3 - Peak Hour Analysis (Tue-Thur)

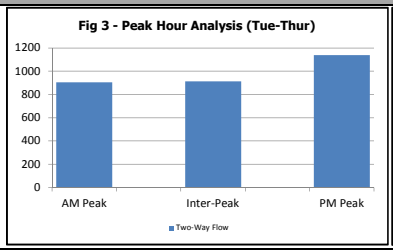
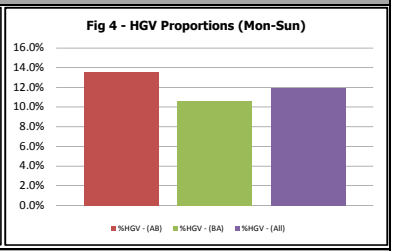


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.04%	0.38%
5	10	0.64%	3.73%
10	15	6.60%	20.56%
15	20	26.14%	45.73%
20	25	61.56%	68.87%
25	30	87.85%	87.88%
30	35	96.55%	96.35%
35	40	98.99%	98.99%
40	45	99.69%	99.71%
45	50	99.88%	99.91%
50	55	99.96%	99.97%
55	60	99.98%	99.98%
60	65	99.99%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

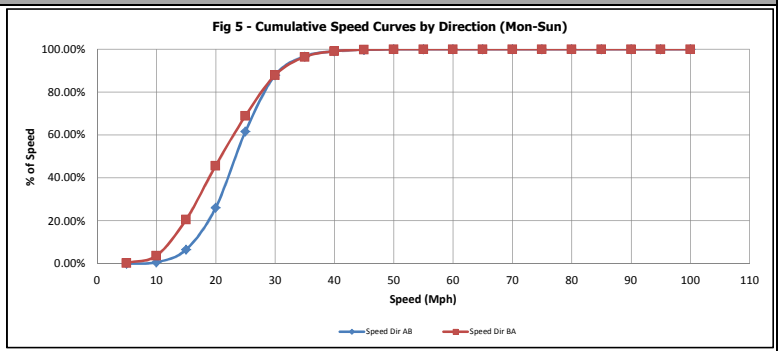


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	23.6	29.5
BA	21.4	29.2

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

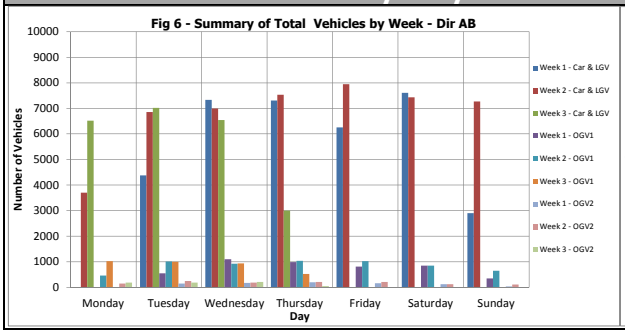
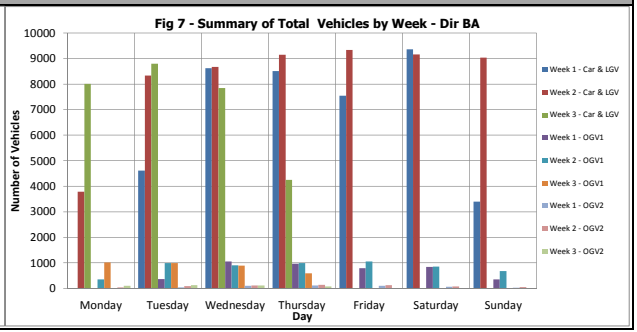


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

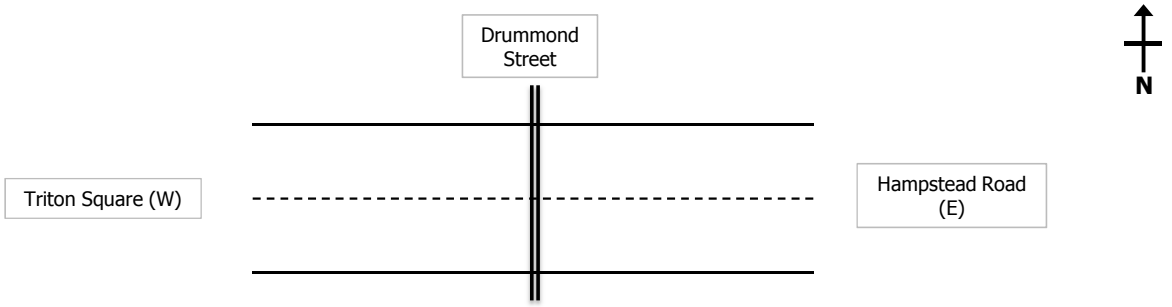
Road Name: Drummond Street
Direction AB: **From:** Triton Square (W) **to:** Hampstead Road (E)
Direction BA: **From:** Hampstead Road (E) **to:** Triton Square (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.526339	-0.139407	03.06.2014	Still in place	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.526339,-0.139407&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	18	29	1	1	49
02:00	9	15	1	1	26
03:00	8	12	1	1	21
04:00	11	8	1	3	23
05:00	6	10	1	2	20
06:00	11	15	3	4	33
07:00	20	42	5	7	73
08:00	42	85	8	11	145
09:00	78	106	8	11	204
10:00	90	128	11	13	241
11:00	94	123	10	9	235
12:00	79	122	10	12	223
13:00	81	125	11	9	226
14:00	72	131	6	8	218
15:00	98	156	4	8	265
16:00	93	156	7	8	263
17:00	87	133	6	4	230
18:00	98	159	5	6	269
19:00	81	144	3	5	233
20:00	62	101	1	3	168
21:00	48	74	2	1	125
22:00	38	61	2	3	103
23:00	33	66	1	0	100
00:00	24	45	0	0	70

Fig 1 - Average Two-Way Flow (Tue-Thur)

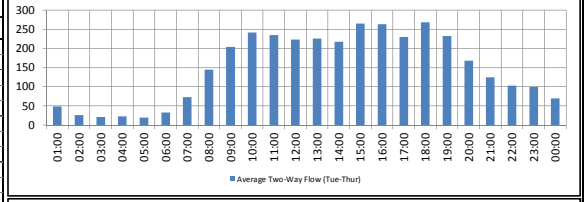
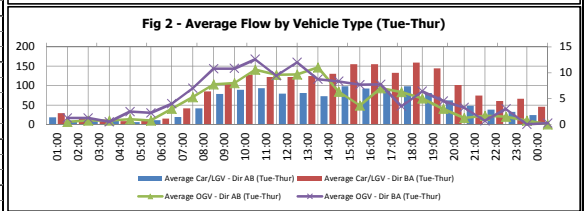


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	241
Inter-Peak	14:00:00	15:00:00	265
PM Peak	17:00:00	18:00:00	269

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	7.1%	5.3%	6.0%

Fig 3 - Peak Hour Analysis (Tue-Thur)

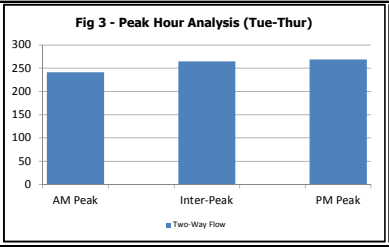
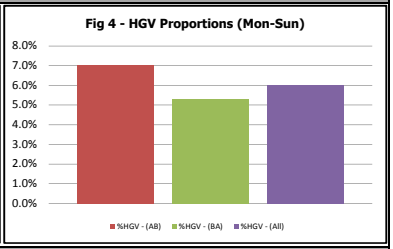


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.86%	0.54%
5	10	11.49%	4.72%
10	15	48.43%	24.63%
15	20	83.45%	58.60%
20	25	96.54%	91.10%
25	30	99.24%	98.57%
30	35	99.81%	99.70%
35	40	99.94%	99.93%
40	45	99.96%	99.97%
45	50	100.00%	99.99%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

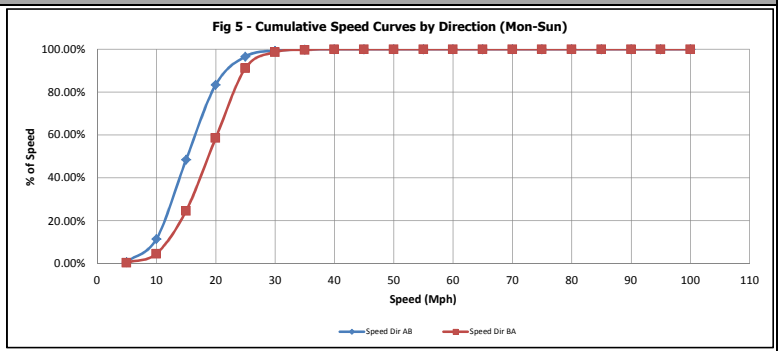


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	15.5	20.6
BA	18.6	24.1

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

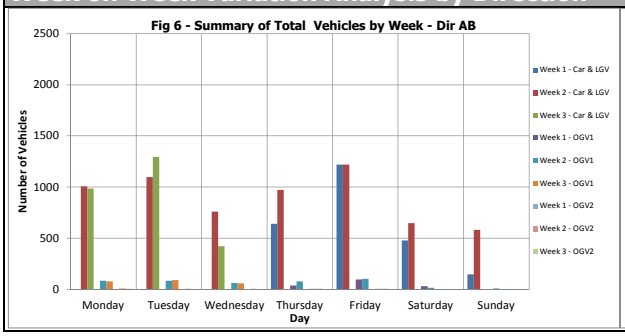
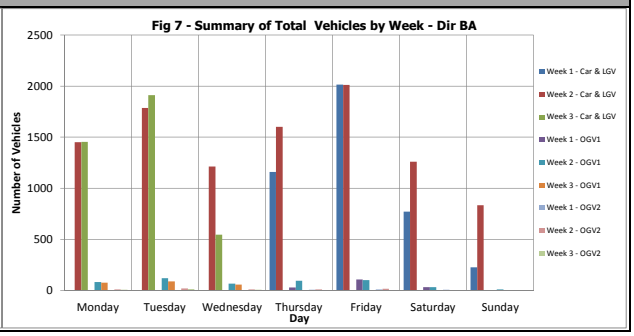


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	16	24	1	1	42
02:00	12	15	1	1	28
03:00	10	10	0	1	20
04:00	10	10	0	1	21
05:00	9	10	1	3	24
06:00	11	19	3	6	39
07:00	20	44	4	7	76
08:00	49	84	7	13	153
09:00	79	106	11	18	213
10:00	71	112	12	15	209
11:00	77	126	11	12	225
12:00	78	134	11	14	238
13:00	86	131	8	13	238
14:00	91	153	8	11	263
15:00	98	167	7	9	282
16:00	94	175	8	9	286
17:00	100	179	6	6	291
18:00	102	166	7	6	281
19:00	89	137	4	5	235
20:00	66	113	2	3	184
21:00	51	83	2	3	139
22:00	37	70	3	4	113
23:00	33	60	2	1	96
00:00	23	41	1	2	67

Fig 1 - Average Two-Way Flow (Tue-Thur)

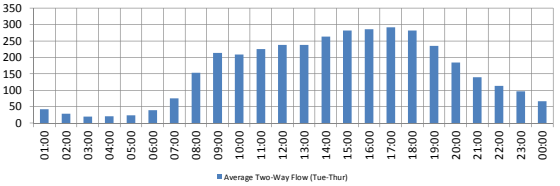
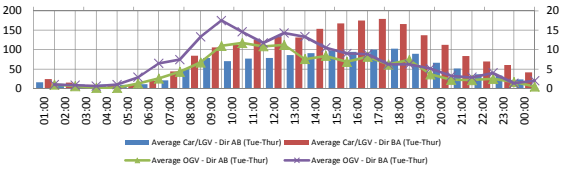


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	213
Inter-Peak	15:00:00	16:00:00	286
PM Peak	16:00:00	17:00:00	291

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	7.8%	6.8%	7.2%

Fig 3 - Peak Hour Analysis (Tue-Thur)

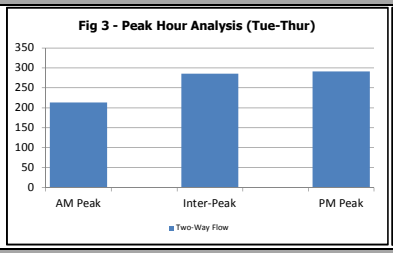
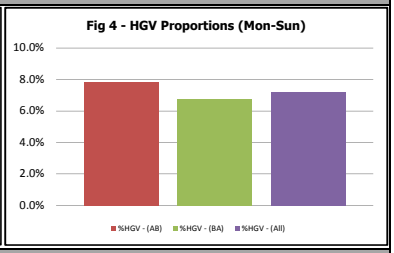


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.83%	0.55%
5	10	13.69%	4.27%
10	15	52.84%	24.23%
15	20	85.10%	56.91%
20	25	96.76%	89.58%
25	30	99.30%	98.21%
30	35	99.83%	99.62%
35	40	99.97%	99.87%
40	45	99.99%	99.96%
45	50	99.99%	99.98%
50	55	100.00%	99.99%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

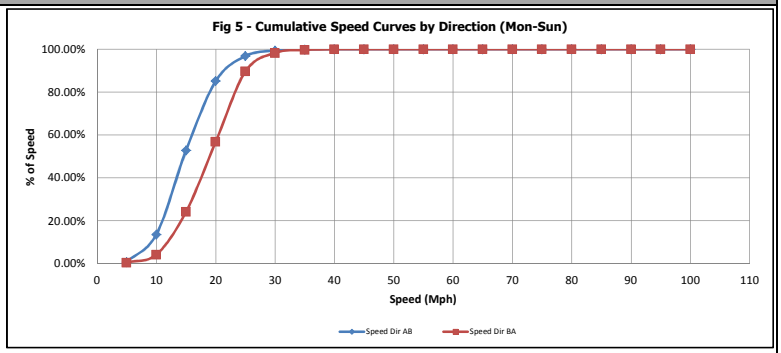


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	15.1	20.0
BA	18.8	24.3

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

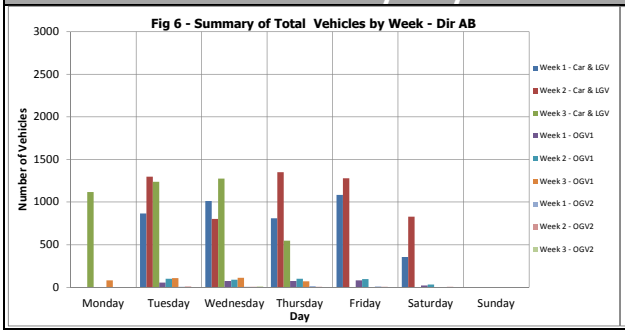
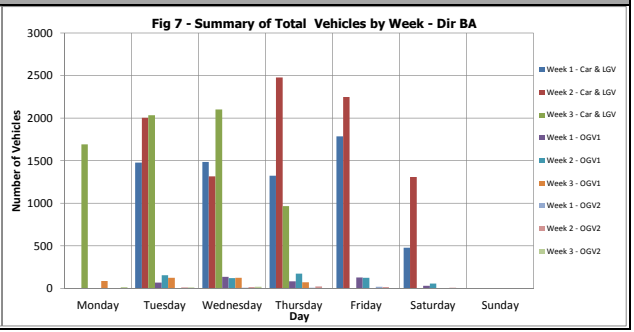


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

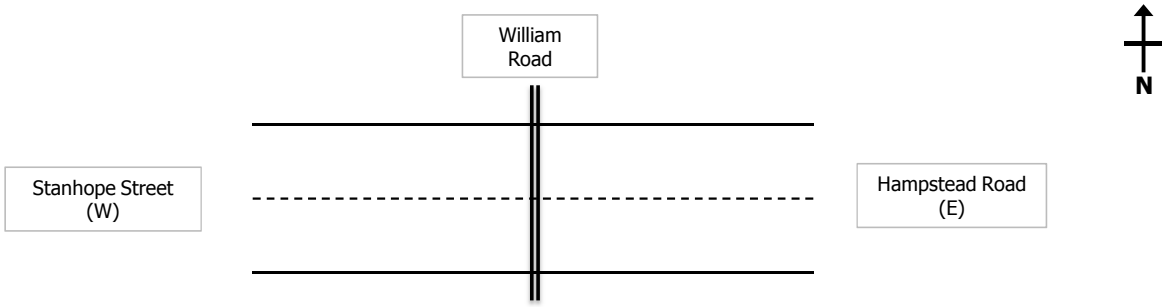
Road Name: William Road
Direction AB: **From:** Stanhope Street (W) **to:** Hampstead Road (E)
Direction BA: **From:** Hampstead Road (E) **to:** Stanhope Street (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.527168	-0.139374	03.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.527168,-0.139374&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	20	16	1	1	37
02:00	15	13	0	0	29
03:00	11	8	0	0	19
04:00	10	7	0	0	18
05:00	10	8	1	1	19
06:00	11	10	1	3	25
07:00	13	28	2	4	47
08:00	19	44	4	7	74
09:00	34	47	4	10	95
10:00	39	49	6	7	101
11:00	43	51	5	6	104
12:00	46	49	6	7	108
13:00	43	53	4	5	104
14:00	43	49	4	5	101
15:00	38	49	5	4	96
16:00	47	52	5	5	109
17:00	46	53	2	3	104
18:00	40	50	2	2	95
19:00	39	36	2	1	78
20:00	27	32	1	1	60
21:00	26	24	1	1	52
22:00	18	20	0	0	39
23:00	18	14	1	0	33
00:00	14	13	1	1	28

Fig 1 - Average Two-Way Flow (Tue-Thur)

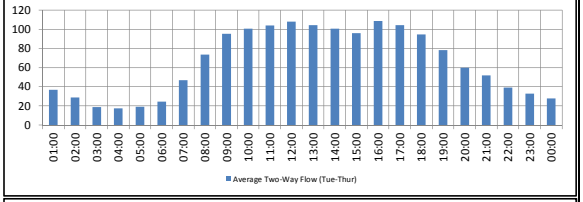
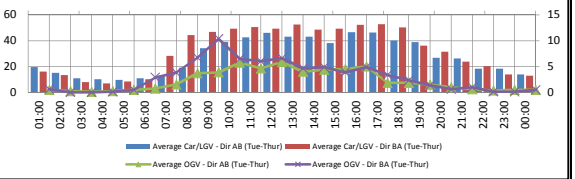


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	101
Inter-Peak	15:00:00	16:00:00	109
PM Peak	16:00:00	17:00:00	104

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	6.6%	7.9%	7.3%

Fig 3 - Peak Hour Analysis (Tue-Thur)

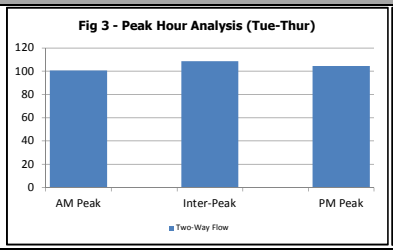
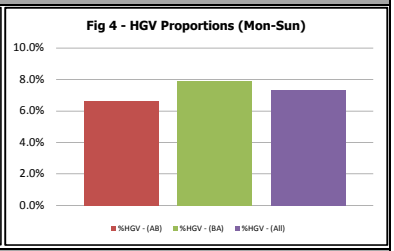


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.91%	1.31%
5	10	12.32%	12.83%
10	15	52.26%	42.99%
15	20	86.61%	78.87%
20	25	97.94%	96.29%
25	30	99.75%	99.53%
30	35	99.96%	99.96%
35	40	100.00%	100.00%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

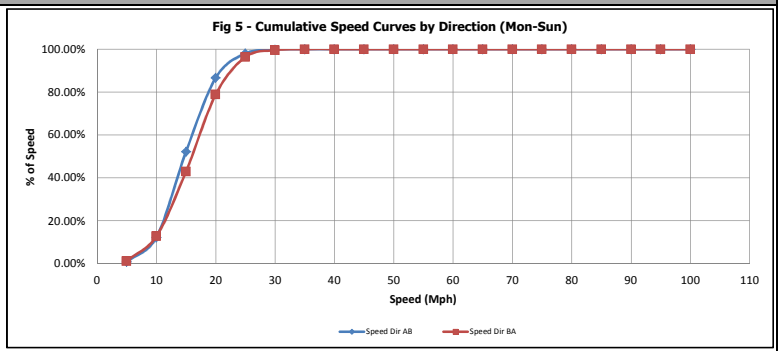


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	15.0	19.8
BA	15.9	21.8

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

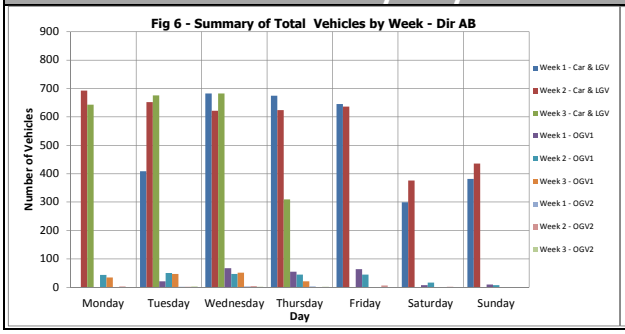
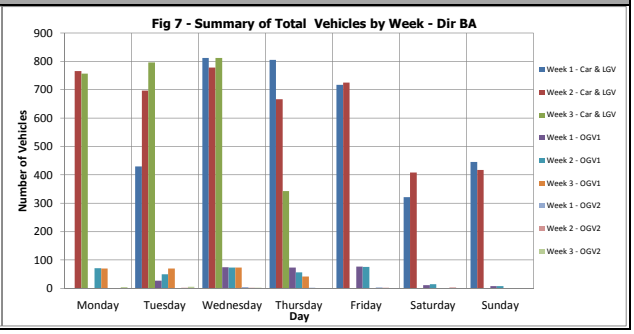


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

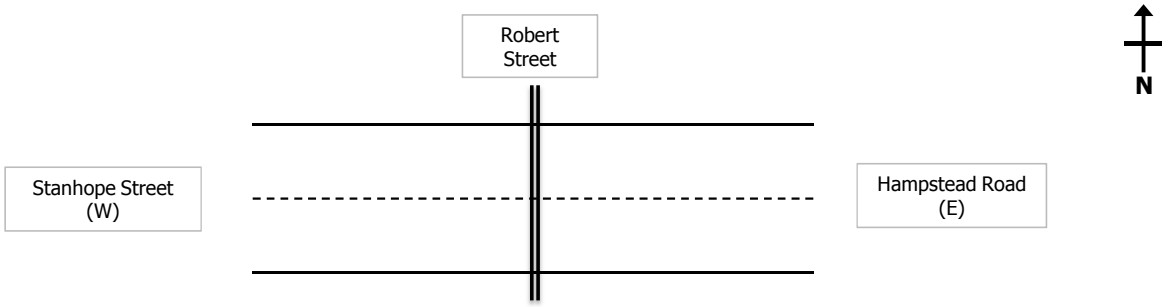
Road Name: Robert Street
Direction AB: **From:** Stanhope Street (W) **to:** Hampstead Road (E)
Direction BA: **From:** Hampstead Road (E) **to:** Stanhope Street (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.528557	-0.139065	02.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.528557,-0.139065&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	13	26	1	0	40
02:00	7	18	0	1	25
03:00	4	10	1	0	15
04:00	4	7	0	0	12
05:00	5	7	1	4	17
06:00	7	16	3	3	30
07:00	22	80	2	8	113
08:00	41	221	4	29	294
09:00	59	251	5	42	356
10:00	55	233	7	32	327
11:00	57	197	7	24	284
12:00	66	198	10	22	295
13:00	75	204	10	23	312
14:00	77	210	10	20	316
15:00	79	221	9	22	330
16:00	88	239	10	19	356
17:00	92	218	7	16	333
18:00	100	200	7	8	315
19:00	85	191	3	7	286
20:00	67	135	3	4	209
21:00	50	91	2	3	146
22:00	32	70	1	3	106
23:00	27	57	0	2	86
00:00	21	42	0	1	64

Fig 1 - Average Two-Way Flow (Tue-Thur)

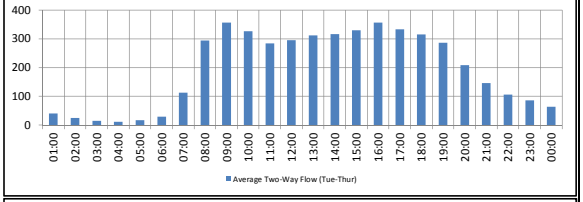
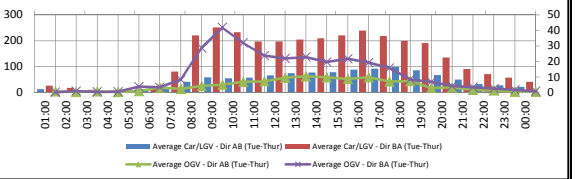


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	356
Inter-Peak	15:00:00	16:00:00	356
PM Peak	16:00:00	17:00:00	333

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	7.7%	7.8%	7.8%

Fig 3 - Peak Hour Analysis (Tue-Thur)

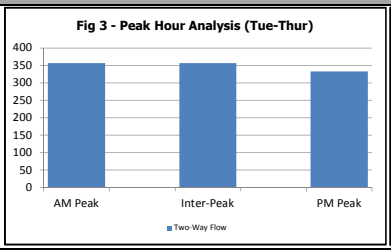
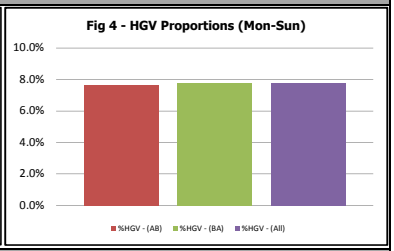


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.25%	0.12%
5	10	4.55%	2.96%
10	15	49.98%	30.91%
15	20	95.57%	90.55%
20	25	99.70%	99.43%
25	30	99.94%	99.93%
30	35	99.98%	99.98%
35	40	99.99%	99.99%
40	45	100.00%	99.99%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

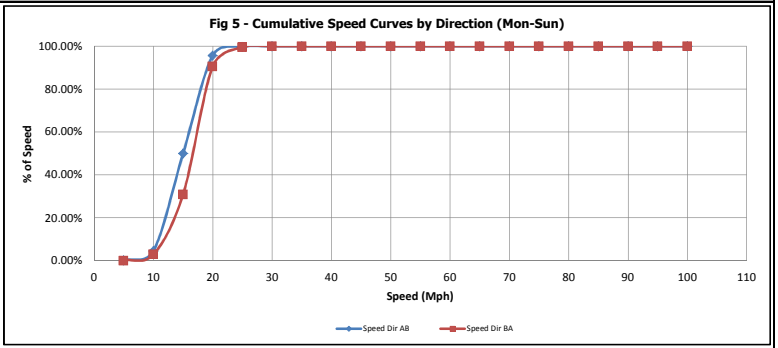


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	15.0	18.8
BA	16.3	19.5

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

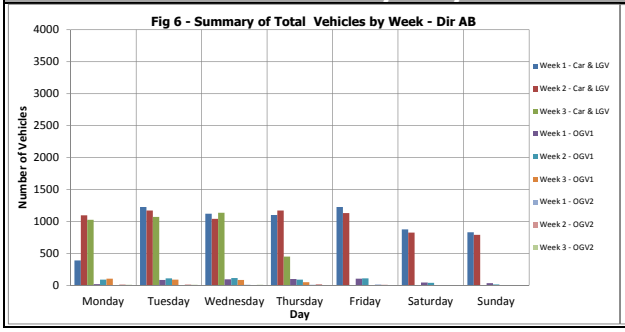
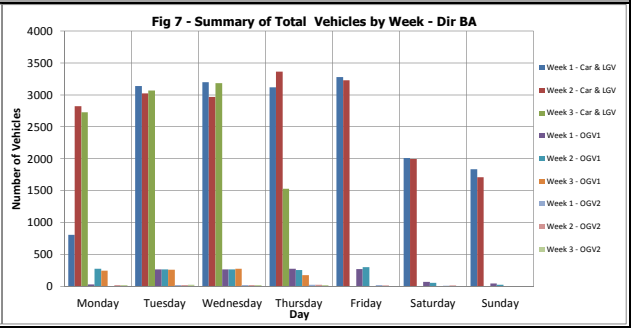


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

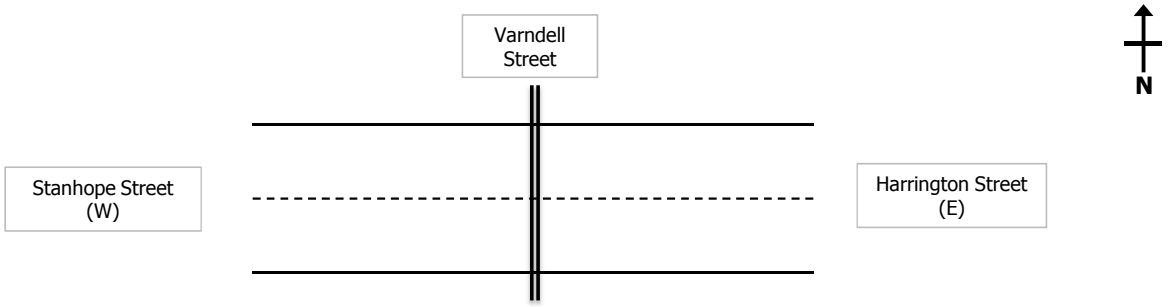
Road Name: Varndell Street
Direction AB: **From:** Stanhope Street (W) **to:** Harrington Street (E)
Direction BA: **From:** Harrington Street (E) **to:** Stanhope Street (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.529399	-0.139788	03.06.2014	02.07.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.529399,-0.139788&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

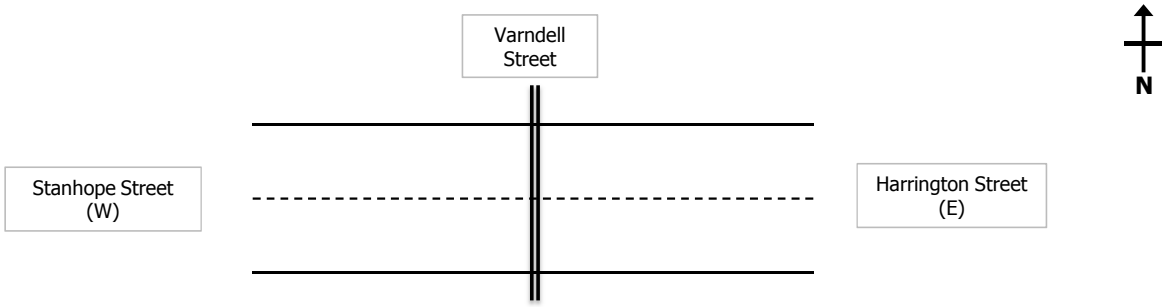
Road Name: Varndell Street
Direction AB: **From:** Stanhope Street (W) **to:** Harrington Street (E)
Direction BA: **From:** Harrington Street (E) **to:** Stanhope Street (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.529399	-0.139788	03.06.2014	Still in place	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.529399,-0.139788&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	13	8	0	0	20
02:00	5	4	0	0	9
03:00	3	5	0	0	8
04:00	3	3	0	0	6
05:00	1	2	0	0	3
06:00	3	4	0	0	8
07:00	5	10	1	0	16
08:00	9	10	1	0	20
09:00	19	15	3	2	38
10:00	18	16	2	0	36
11:00	24	13	3	1	40
12:00	23	15	2	1	41
13:00	24	14	3	0	42
14:00	25	17	2	3	47
15:00	22	18	6	1	47
16:00	29	21	2	1	52
17:00	32	17	10	1	60
18:00	30	16	9	1	55
19:00	24	18	2	0	44
20:00	20	18	1	1	40
21:00	16	13	0	0	30
22:00	13	12	0	0	26
23:00	13	12	0	0	25
00:00	10	8	0	0	18

Fig 1 - Average Two-Way Flow (Tue-Thur)

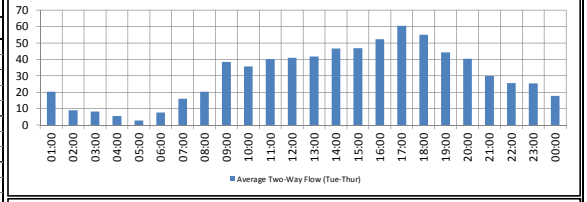
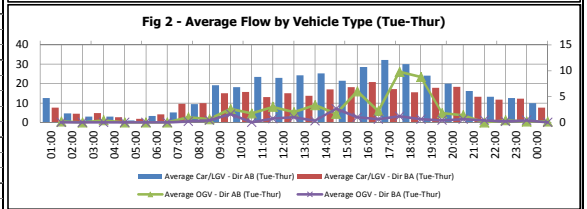


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	38
Inter-Peak	15:00:00	16:00:00	52
PM Peak	16:00:00	17:00:00	60

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	8.6%	3.8%	6.6%

Fig 3 - Peak Hour Analysis (Tue-Thur)

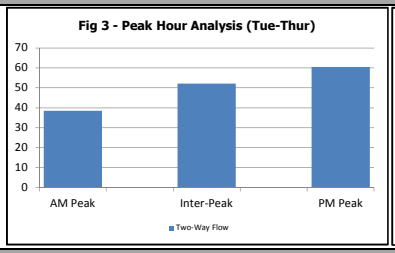
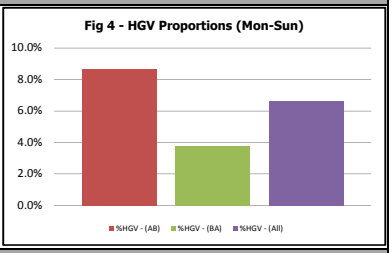


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.75%	0.97%
5	10	13.73%	20.76%
10	15	49.63%	51.85%
15	20	86.46%	83.85%
20	25	98.75%	97.72%
25	30	99.98%	99.78%
30	35	100.00%	100.00%
35	40	100.00%	100.00%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

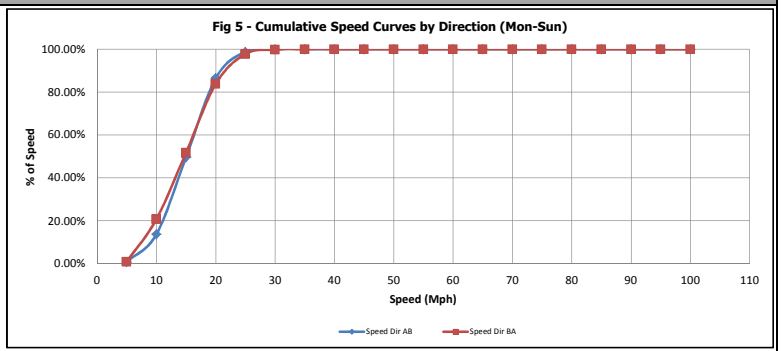


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	15.0	19.8
BA	14.8	20.4

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

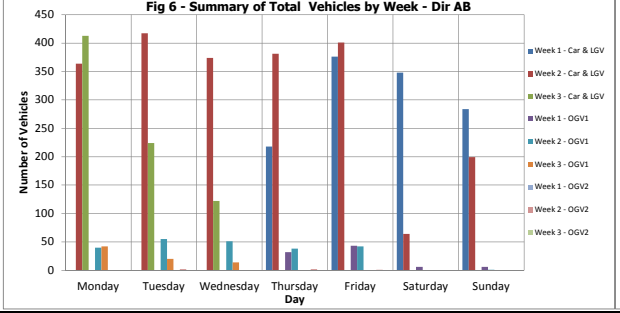
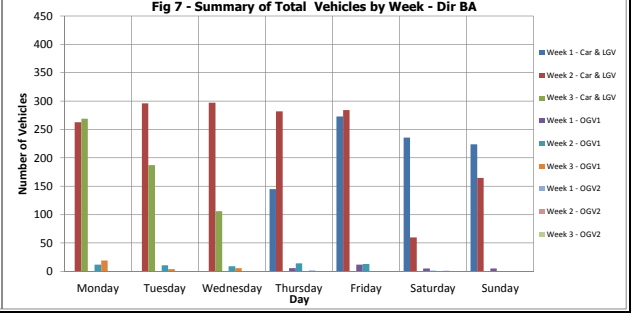


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	6	6	0	1	13
02:00	3	5	0	0	9
03:00	2	3	0	0	5
04:00	2	3	0	0	5
05:00	2	2	0	0	4
06:00	4	4	0	0	7
07:00	5	4	1	0	11
08:00	7	9	1	1	17
09:00	20	15	2	1	38
10:00	23	15	3	1	42
11:00	19	13	2	1	35
12:00	18	16	2	1	37
13:00	21	14	3	1	40
14:00	25	16	3	1	45
15:00	23	18	6	1	48
16:00	30	15	5	2	51
17:00	31	15	8	0	55
18:00	33	17	7	1	57
19:00	25	16	4	1	46
20:00	22	20	2	0	44
21:00	13	15	1	0	29
22:00	13	10	1	0	24
23:00	11	11	1	0	23
00:00	11	9	0	0	20

Fig 1 - Average Two-Way Flow (Tue-Thur)

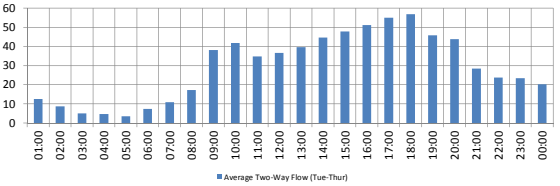
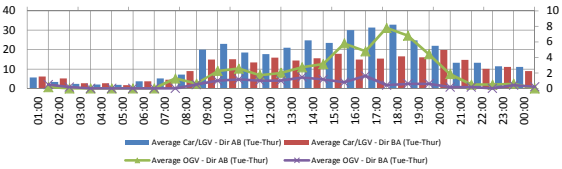


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	42
Inter-Peak	15:00:00	16:00:00	51
PM Peak	17:00:00	18:00:00	57

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	9.1%	4.0%	7.0%

Fig 3 - Peak Hour Analysis (Tue-Thur)

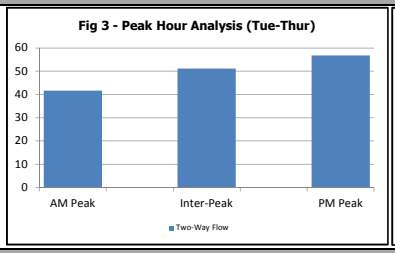
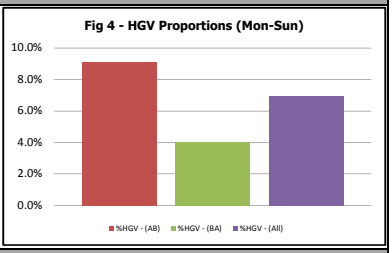


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	1.00%	0.81%
5	10	12.35%	20.21%
10	15	47.94%	52.29%
15	20	85.43%	85.25%
20	25	98.30%	98.28%
25	30	99.88%	99.90%
30	35	99.98%	100.00%
35	40	99.98%	100.00%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

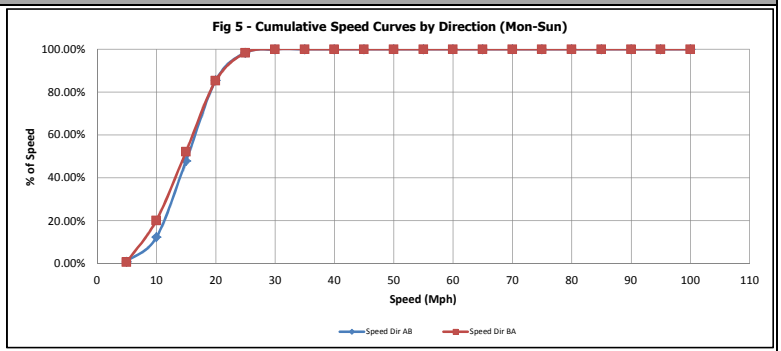


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	15.3	19.9
BA	14.7	20.0

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

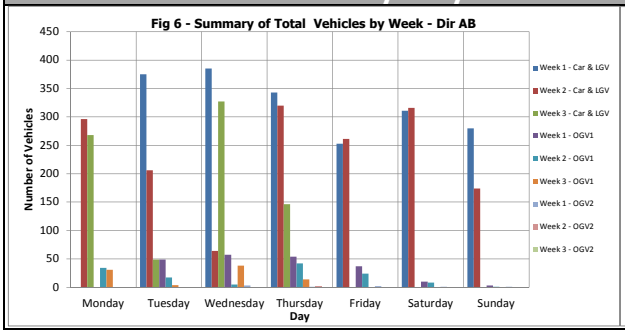
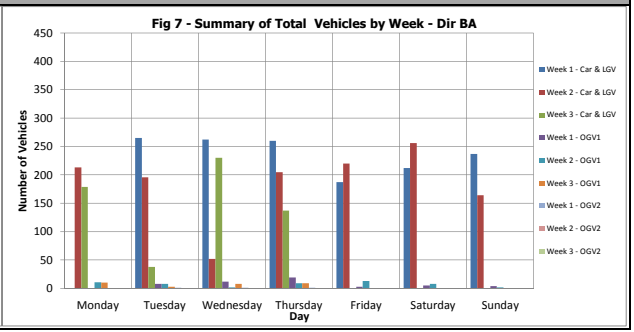


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

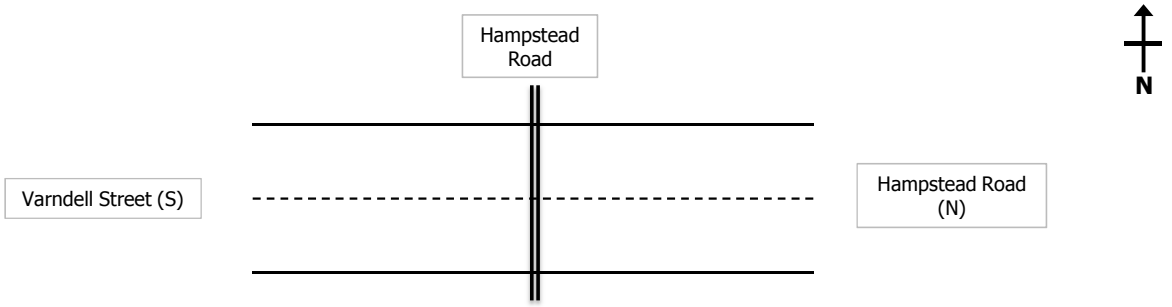
Road Name: Hampstead Road
Direction AB: **From:** Varndell Street (S) **to:** Hampstead Road (N)
Direction BA: **From:** Hampstead Road (N) **to:** Varndell Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.529565	-0.138633	02.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.529565,-0.138633&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

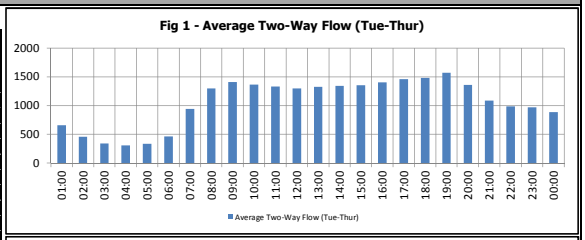
Intelligent Data - Automatic Traffic Count Output

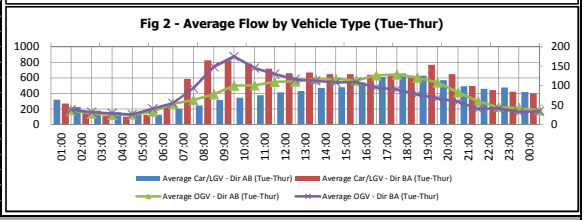
Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	318	268	36	38	660
02:00	223	175	28	32	458
03:00	177	112	25	29	342
04:00	156	101	25	26	308
05:00	134	126	33	41	334
06:00	125	231	53	54	464
07:00	203	586	63	93	944
08:00	245	827	78	149	1298
09:00	314	820	100	175	1409
10:00	342	779	101	146	1367
11:00	375	720	110	129	1334
12:00	414	659	111	117	1300
13:00	428	671	116	112	1327
14:00	471	649	117	108	1345
15:00	481	649	113	109	1351
16:00	540	640	126	95	1402
17:00	611	628	129	90	1458
18:00	656	628	120	78	1481
19:00	629	767	108	67	1571
20:00	571	648	82	59	1360
21:00	492	497	60	40	1088
22:00	459	443	45	41	987
23:00	475	420	42	31	969
00:00	417	401	36	34	888





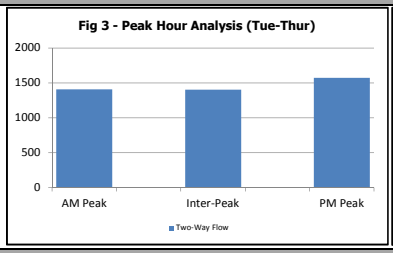
Peak Hour Analysis

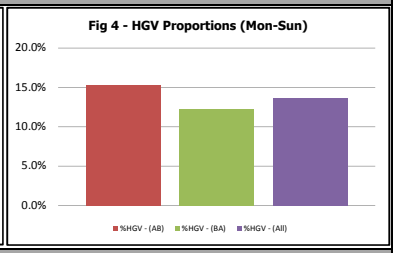
Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	1409
Inter-Peak	15:00:00	16:00:00	1402
PM Peak	18:00:00	19:00:00	1571

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	15.3%	12.3%	13.6%





Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.00%	0.15%
5	10	0.19%	2.41%
10	15	4.18%	15.68%
15	20	12.76%	40.08%
20	25	35.43%	63.24%
25	30	73.28%	83.12%
30	35	92.92%	93.76%
35	40	98.16%	97.84%
40	45	99.44%	99.28%
45	50	99.83%	99.74%
50	55	99.95%	99.91%
55	60	99.98%	99.96%
60	65	99.99%	99.99%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

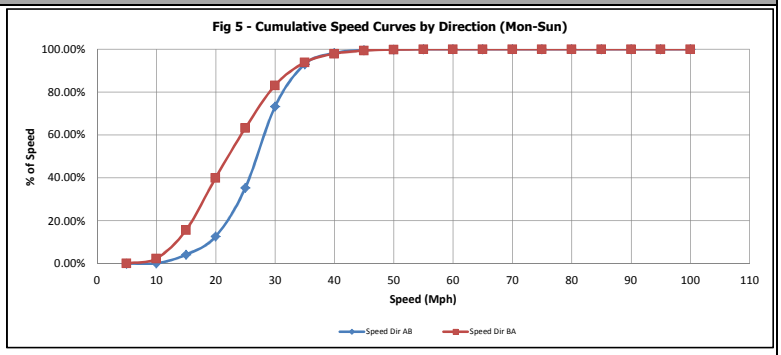
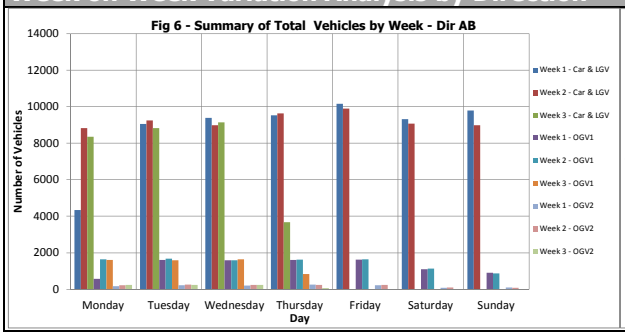
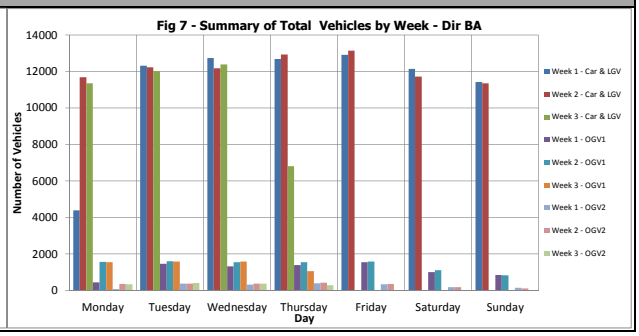


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	26.7	33.0
BA	22.7	30.9

Week on Week Variation Analysis by Direction





Intelligent Data - Automatic Traffic Count Output

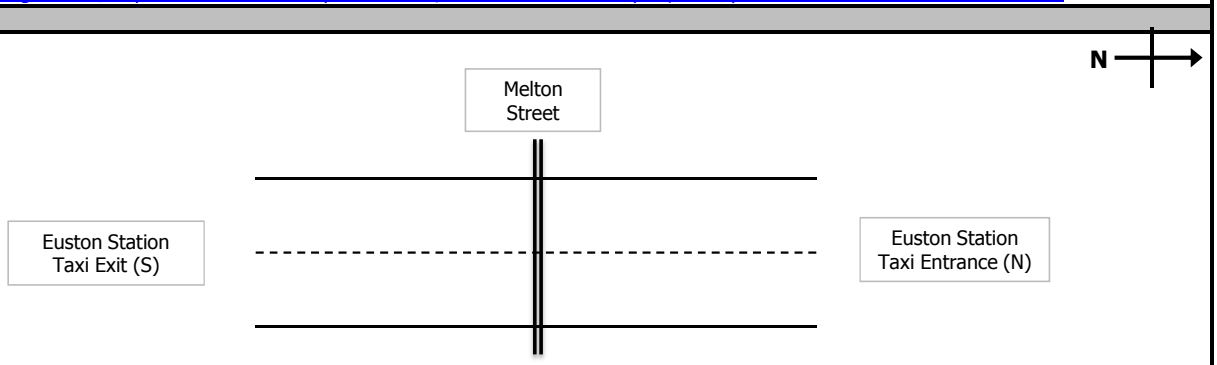
Road Name: Melton Street
Direction AB: **From:** Euston Station Taxi Exit (S) **to:** Euston Station Taxi Entrance (N)
Direction BA: **From:** Euston Station Taxi Entrance **to:** Euston Station Taxi Exit (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.526959	-0.134277	02.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.526959,-0.134277&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	110	52	4	4	168
02:00	53	38	1	3	95
03:00	19	27	2	3	51
04:00	16	30	3	5	54
05:00	41	53	4	7	105
06:00	88	54	2	6	150
07:00	223	100	9	7	339
08:00	308	203	11	11	532
09:00	377	268	12	11	668
10:00	432	252	9	9	702
11:00	426	223	10	7	667
12:00	440	209	8	7	664
13:00	434	228	10	9	681
14:00	432	207	9	8	656
15:00	431	187	11	7	636
16:00	450	198	10	7	665
17:00	477	212	13	7	709
18:00	464	223	12	7	705
19:00	442	253	7	3	705
20:00	396	193	6	3	599
21:00	381	149	5	3	538
22:00	288	108	3	3	403
23:00	258	90	3	3	353
00:00	184	85	2	2	274

Fig 1 - Average Two-Way Flow (Tue-Thur)

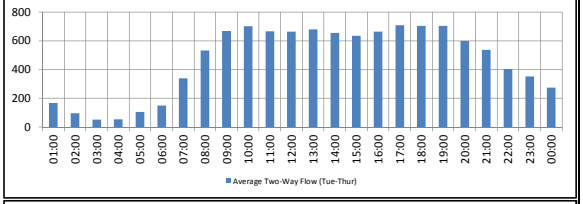
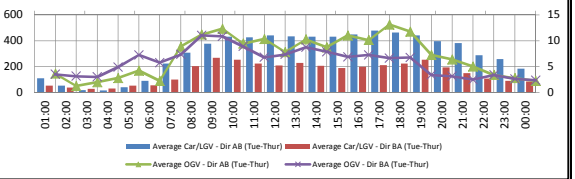


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	702
Inter-Peak	12:00:00	13:00:00	681
PM Peak	16:00:00	17:00:00	709

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	2.1%	3.6%	2.6%

Fig 3 - Peak Hour Analysis (Tue-Thur)

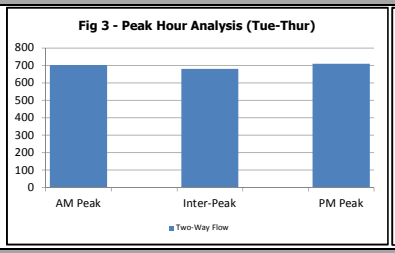
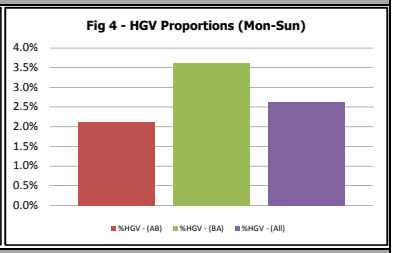


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.41%	1.52%
5	10	8.79%	16.14%
10	15	45.91%	58.21%
15	20	85.60%	87.76%
20	25	98.59%	97.25%
25	30	99.81%	99.38%
30	35	99.96%	99.85%
35	40	99.99%	99.98%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

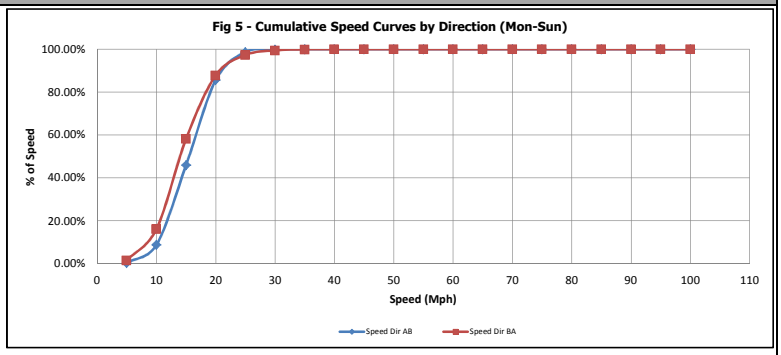


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	15.5	19.9
BA	14.5	19.5

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

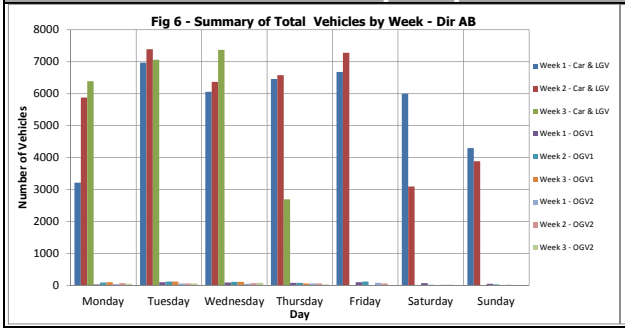
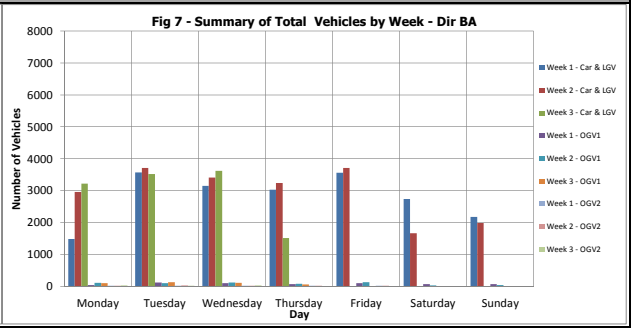


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

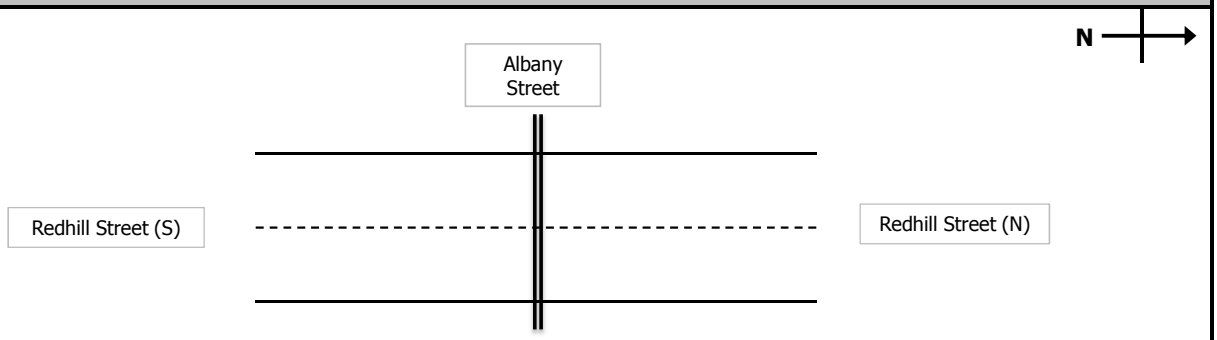
Road Name: Albany Street
Direction AB: **From:** Redhill Street (S) **to:** Redhill Street (N)
Direction BA: **From:** Redhill Street (N) **to:** Redhill Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.530104	-0.144621	03.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.530104,-0.144621&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

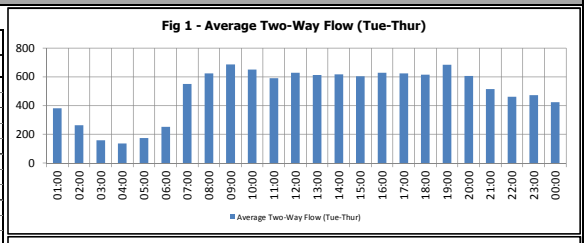
Intelligent Data - Automatic Traffic Count Output

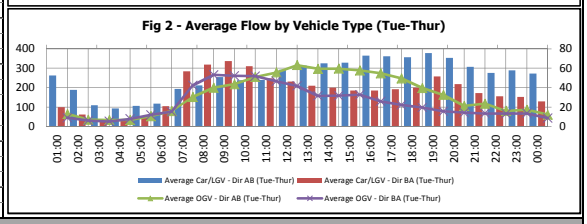
Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	262	99	13	9	382
02:00	188	62	7	6	263
03:00	109	37	7	5	158
04:00	93	28	7	8	136
05:00	106	47	11	12	175
06:00	117	105	16	15	253
07:00	193	284	31	42	550
08:00	212	319	40	53	624
09:00	255	336	44	52	687
10:00	237	311	51	52	651
11:00	240	249	56	47	590
12:00	292	232	63	42	629
13:00	313	210	59	32	614
14:00	325	200	60	32	616
15:00	328	186	58	33	604
16:00	364	184	55	26	629
17:00	361	191	50	22	624
18:00	356	200	40	20	615
19:00	378	259	33	16	685
20:00	353	218	21	14	606
21:00	307	171	24	13	515
22:00	277	155	16	13	461
23:00	289	152	17	13	472
00:00	273	130	12	9	423





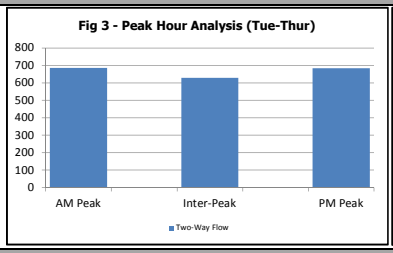
Peak Hour Analysis

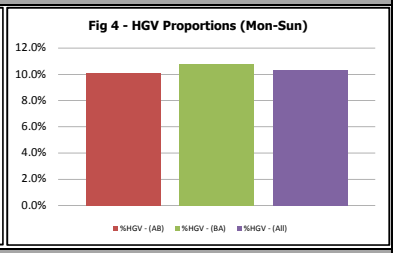
Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	687
Inter-Peak	15:00:00	16:00:00	629
PM Peak	18:00:00	19:00:00	685

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	10.1%	10.8%	10.3%





Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.02%	0.07%
5	10	0.35%	0.27%
10	15	3.06%	1.81%
15	20	10.82%	8.35%
20	25	36.41%	27.82%
25	30	74.33%	66.29%
30	35	93.42%	90.74%
35	40	98.39%	97.73%
40	45	99.53%	99.38%
45	50	99.84%	99.82%
50	55	99.95%	99.95%
55	60	99.99%	99.99%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

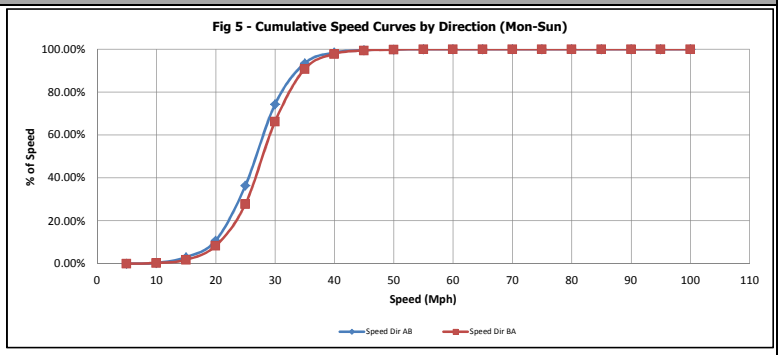
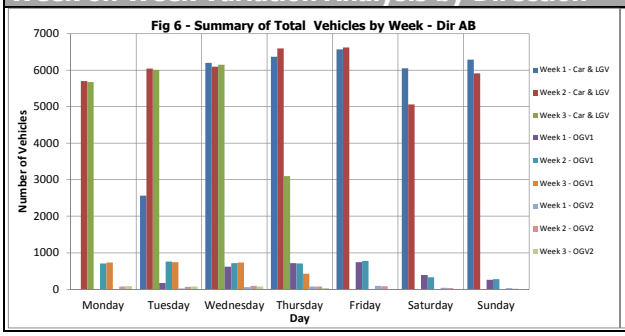
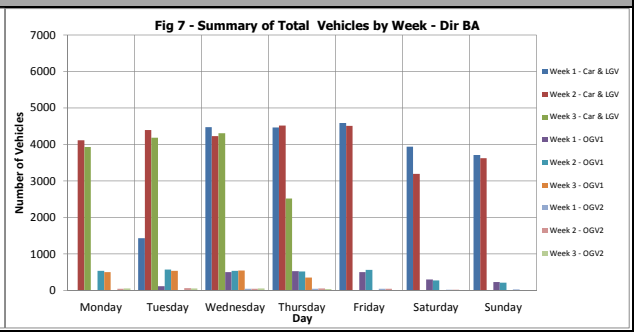


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	26.7	32.8
BA	27.9	33.8

Week on Week Variation Analysis by Direction





Intelligent Data - Automatic Traffic Count Output

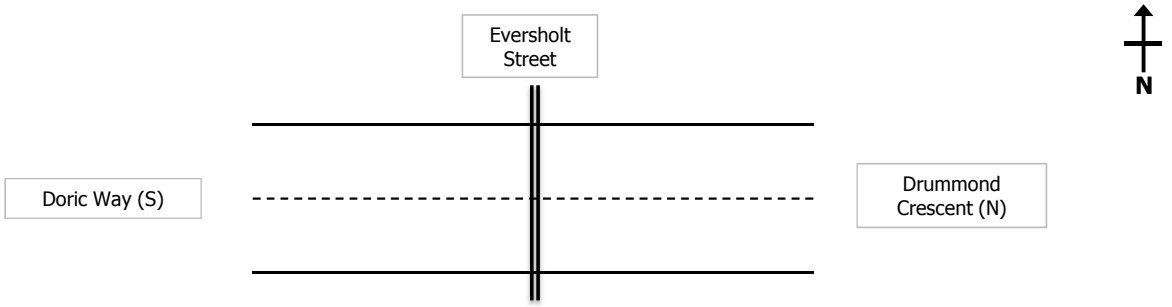
Road Name: Eversholt Street
Direction AB: **From:** Doric Way (S) **to:** Drummond Crescent (N)
Direction BA: **From:** Drummond Crescent (N) **to:** Doric Way (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.529459	-0.133164	04.06.2014	02.07.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.529459,-0.133164&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

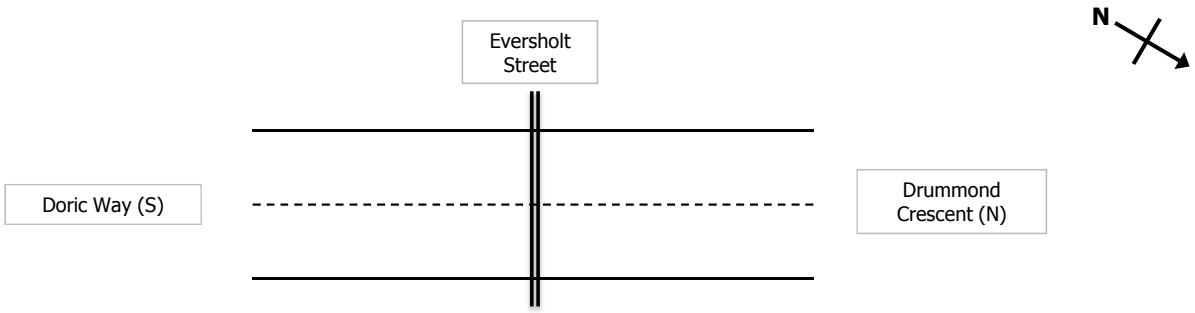
Road Name: Eversholt Street
Direction AB: **From:** Doric Way (S) **to:** Drummond Crescent (N)
Direction BA: **From:** Drummond Crescent (N) **to:** Doric Way (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.529459	-0.133164	04.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.529459,-0.133164&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	194	117	23	13	346
02:00	146	75	17	15	253
03:00	91	58	15	12	175
04:00	77	51	14	13	155
05:00	83	51	20	13	167
06:00	100	73	27	26	226
07:00	199	133	41	30	403
08:00	174	173	51	36	436
09:00	193	182	47	33	455
10:00	194	194	48	34	470
11:00	196	175	49	44	465
12:00	210	177	64	43	494
13:00	239	169	54	39	501
14:00	223	148	50	33	454
15:00	263	161	49	32	506
16:00	269	158	54	34	514
17:00	267	160	42	26	495
18:00	273	181	44	27	525
19:00	294	243	38	24	599
20:00	304	204	33	22	563
21:00	272	181	27	18	497
22:00	267	164	26	17	474
23:00	295	167	20	14	496
00:00	277	161	21	15	474

Fig 1 - Average Two-Way Flow (Tue-Thur)

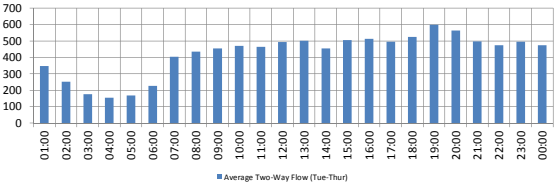
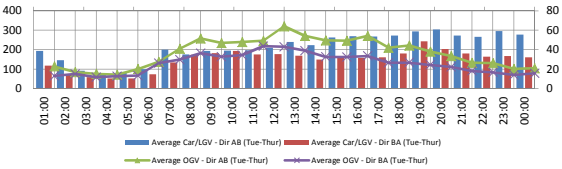


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	470
Inter-Peak	15:00:00	16:00:00	514
PM Peak	18:00:00	19:00:00	599

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	12.9%	13.3%	13.1%

Fig 3 - Peak Hour Analysis (Tue-Thur)

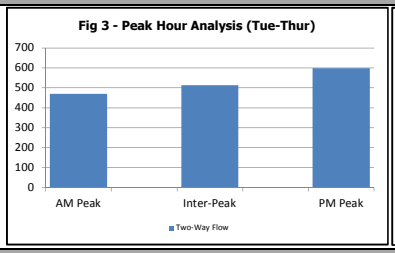
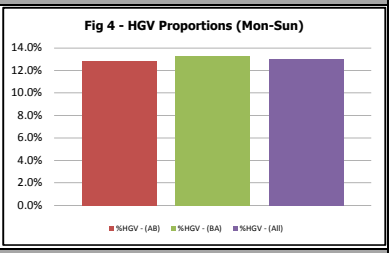


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.05%	0.12%
5	10	0.70%	0.92%
10	15	7.55%	11.66%
15	20	29.58%	34.62%
20	25	69.18%	72.13%
25	30	92.42%	93.69%
30	35	98.27%	98.68%
35	40	99.53%	99.65%
40	45	99.85%	99.87%
45	50	99.95%	99.95%
50	55	99.98%	99.99%
55	60	99.99%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

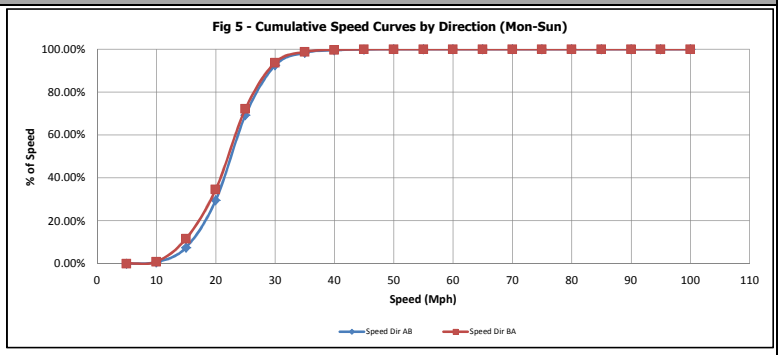


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	22.6	28.4
BA	21.9	28.0

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

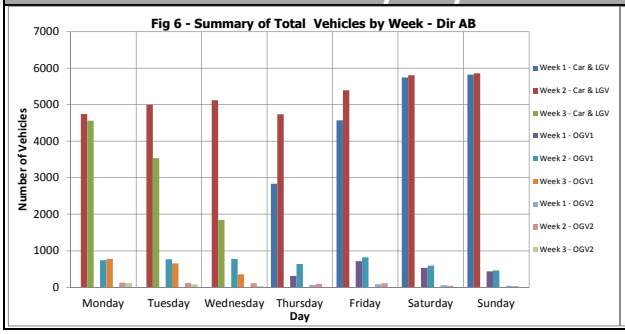
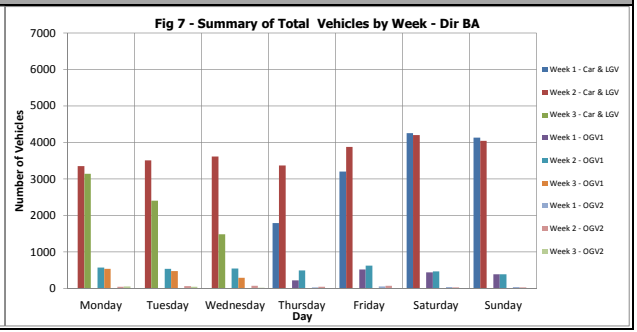


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	207	125	25	14	371
02:00	139	99	18	15	271
03:00	103	55	15	11	183
04:00	89	56	14	12	172
05:00	90	62	21	14	187
06:00	98	69	25	27	219
07:00	198	137	44	31	409
08:00	177	166	47	39	429
09:00	193	176	44	39	452
10:00	186	176	44	33	439
11:00	188	163	50	39	440
12:00	214	163	52	34	464
13:00	231	165	54	34	485
14:00	223	164	51	36	474
15:00	231	157	47	33	468
16:00	240	147	42	31	460
17:00	243	158	45	25	471
18:00	256	174	44	24	498
19:00	270	213	35	22	541
20:00	292	179	27	17	515
21:00	286	171	28	18	503
22:00	266	172	20	16	475
23:00	298	183	21	16	518
00:00	285	172	19	16	492

Fig 1 - Average Two-Way Flow (Tue-Thur)

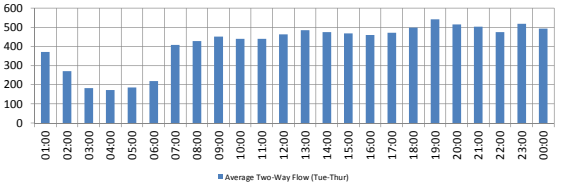
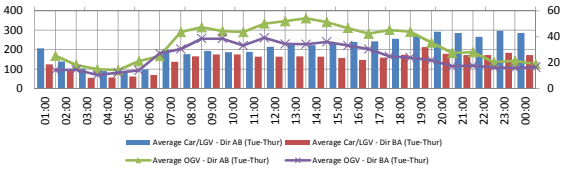


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	08:00:00	09:00:00	452
Inter-Peak	12:00:00	13:00:00	485
PM Peak	18:00:00	19:00:00	541

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	13.6%	14.1%	13.8%

Fig 3 - Peak Hour Analysis (Tue-Thur)

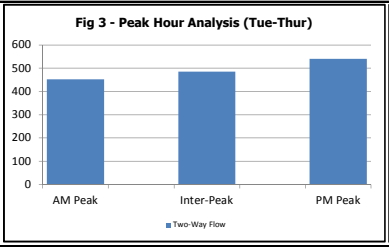
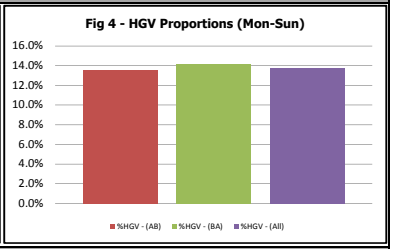


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.04%	0.19%
5	10	0.51%	1.12%
10	15	6.36%	11.44%
15	20	27.03%	31.81%
20	25	67.40%	69.16%
25	30	91.74%	92.74%
30	35	98.08%	98.42%
35	40	99.41%	99.60%
40	45	99.82%	99.85%
45	50	99.92%	99.94%
50	55	99.95%	99.97%
55	60	99.97%	99.98%
60	65	99.99%	99.99%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

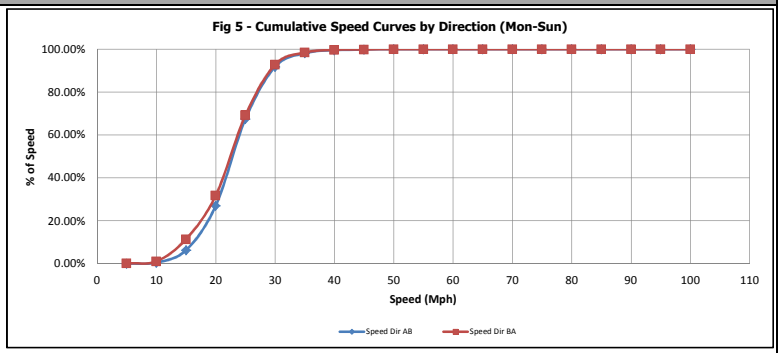


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	23.0	28.6
BA	22.3	28.4

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

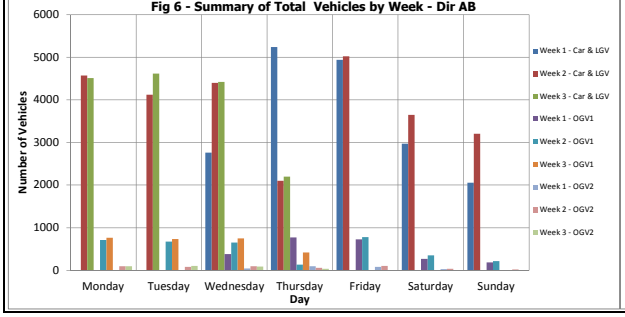
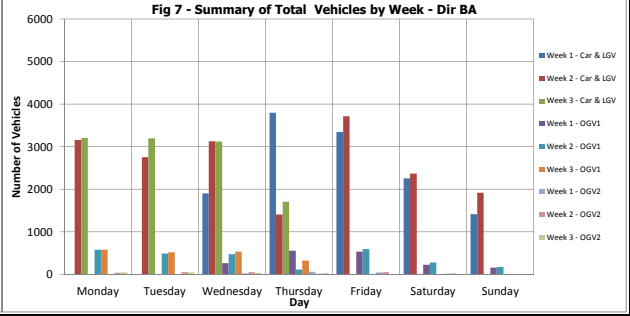


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

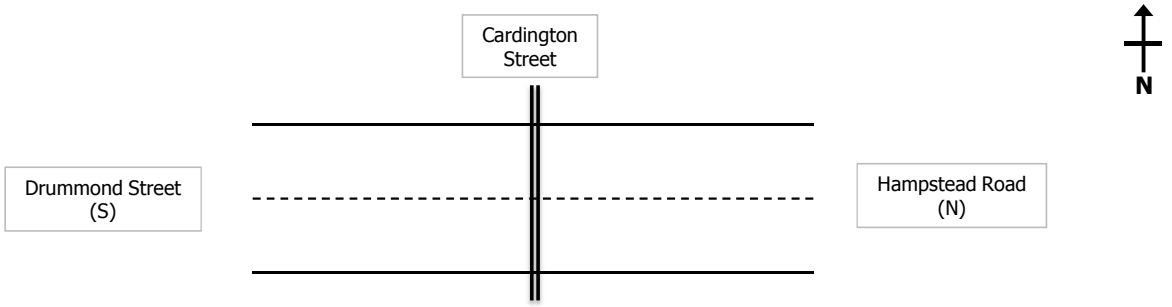
Road Name: Cardington Street
Direction AB: **From:** Drummond Street (S) **to:** Hampstead Road (N)
Direction BA: **From:** Hampstead Road (N) **to:** Drummond Street (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.527976	-0.13531	02.06.2014	26.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.527976,-0.13531&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	43	43	1	3	89
02:00	22	24	2	2	50
03:00	10	20	2	1	33
04:00	8	14	1	2	26
05:00	13	30	2	4	49
06:00	23	47	1	1	72
07:00	59	99	3	7	168
08:00	94	207	7	14	321
09:00	87	199	9	16	311
10:00	117	201	4	17	338
11:00	121	186	8	14	329
12:00	129	185	10	13	337
13:00	104	178	7	12	301
14:00	142	159	8	13	322
15:00	162	165	7	9	344
16:00	153	157	6	10	326
17:00	160	174	7	8	349
18:00	164	172	7	5	349
19:00	170	169	6	3	348
20:00	139	155	3	4	302
21:00	105	120	2	2	228
22:00	81	98	3	2	184
23:00	105	82	1	1	190
00:00	81	72	2	2	157

Fig 1 - Average Two-Way Flow (Tue-Thur)

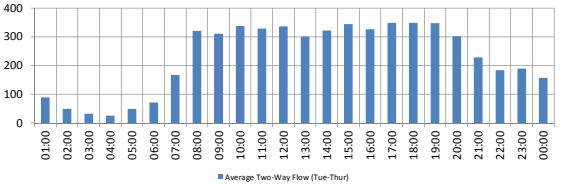
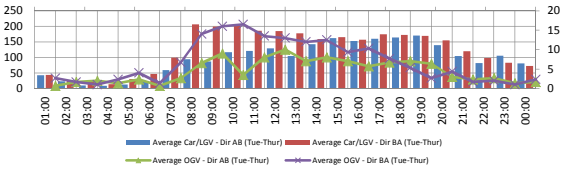


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	338
Inter-Peak	14:00:00	15:00:00	344
PM Peak	16:00:00	17:00:00	349

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	3.7%	4.4%	4.1%

Fig 3 - Peak Hour Analysis (Tue-Thur)

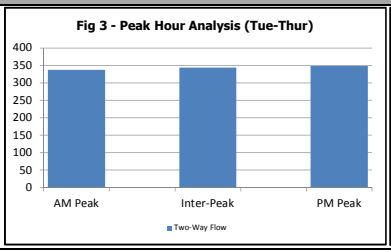
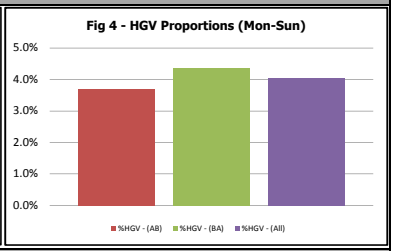


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.22%	0.89%
5	10	5.10%	7.44%
10	15	30.70%	40.26%
15	20	72.18%	84.18%
20	25	94.65%	98.52%
25	30	99.29%	99.89%
30	35	99.91%	100.00%
35	40	100.00%	100.00%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

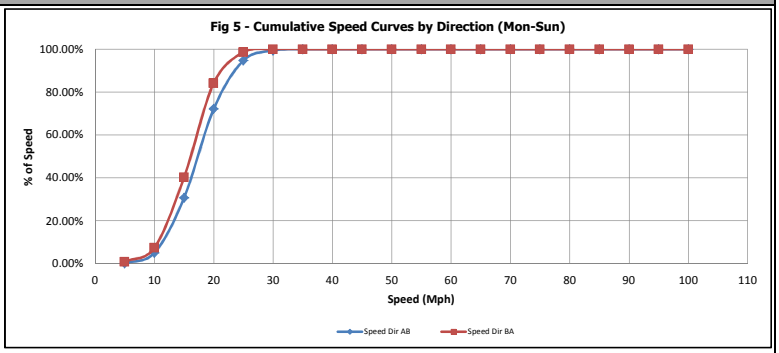


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	17.4	22.9
BA	15.9	20.3

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

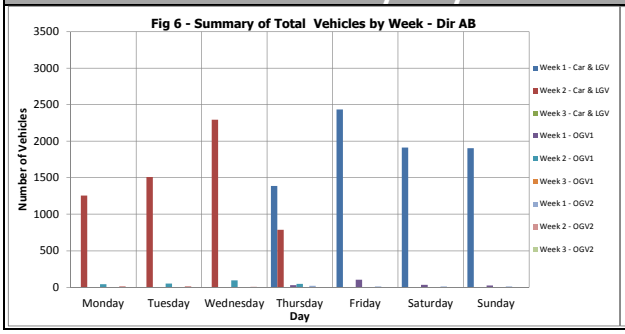
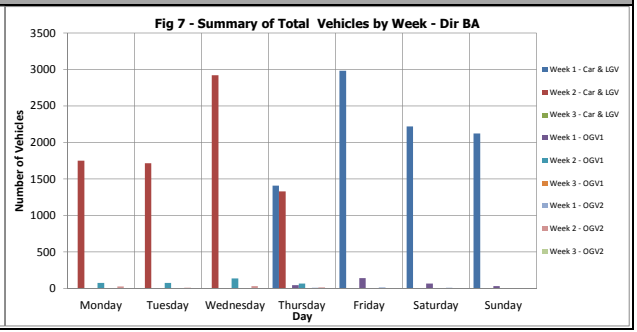


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	46	49	2	3	101
02:00	24	29	2	1	56
03:00	10	19	1	2	32
04:00	7	19	1	3	29
05:00	14	36	2	4	56
06:00	24	43	1	3	70
07:00	54	108	3	8	171
08:00	85	197	6	14	302
09:00	88	220	7	17	331
10:00	114	209	7	16	346
11:00	122	188	8	13	331
12:00	127	175	8	14	324
13:00	124	178	11	15	327
14:00	135	164	7	11	318
15:00	141	160	10	11	322
16:00	144	154	10	10	318
17:00	147	161	8	9	325
18:00	171	175	6	5	357
19:00	168	188	7	5	367
20:00	145	161	3	3	313
21:00	123	123	3	1	250
22:00	95	89	1	2	188
23:00	92	84	2	1	179
00:00	68	70	2	1	140

Fig 1 - Average Two-Way Flow (Tue-Thur)

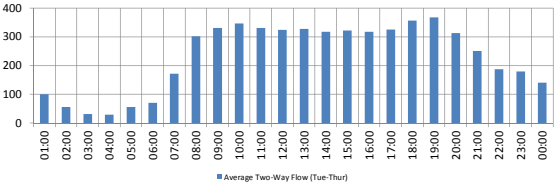
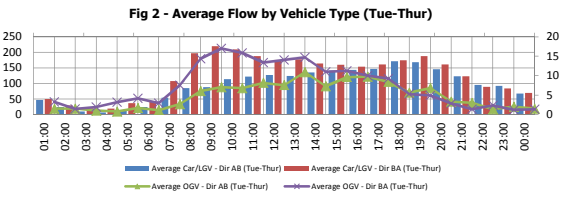


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	346
Inter-Peak	08:00:00	09:00:00	331
PM Peak	18:00:00	19:00:00	367

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	4.6%	5.1%	4.9%

Fig 3 - Peak Hour Analysis (Tue-Thur)

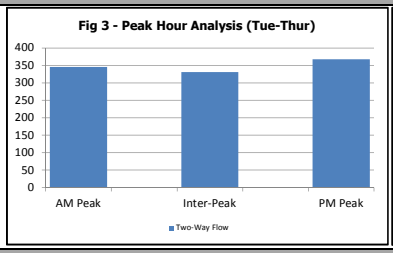
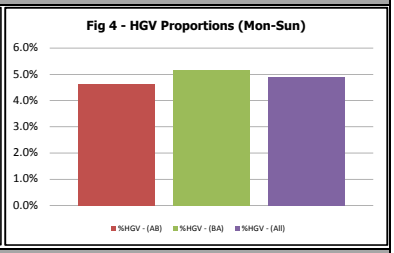


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.27%	0.74%
5	10	5.95%	7.70%
10	15	34.00%	42.85%
15	20	74.36%	86.86%
20	25	95.14%	98.82%
25	30	99.38%	99.91%
30	35	99.91%	99.98%
35	40	99.98%	100.00%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

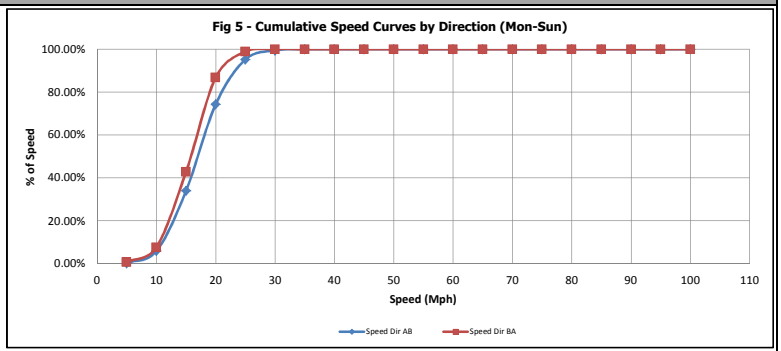


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	17.1	22.6
BA	15.7	19.8

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

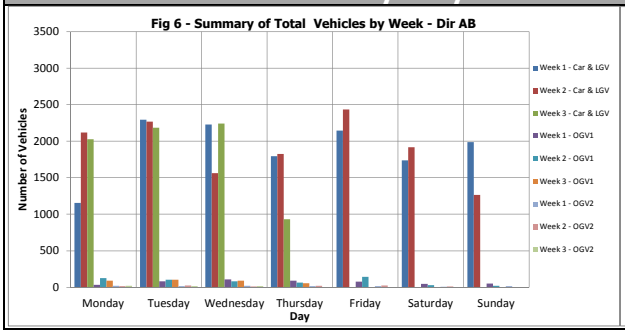
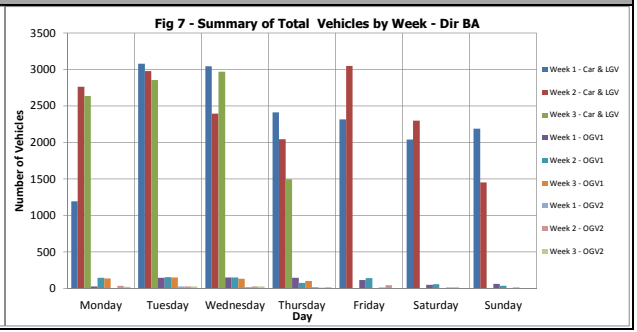


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

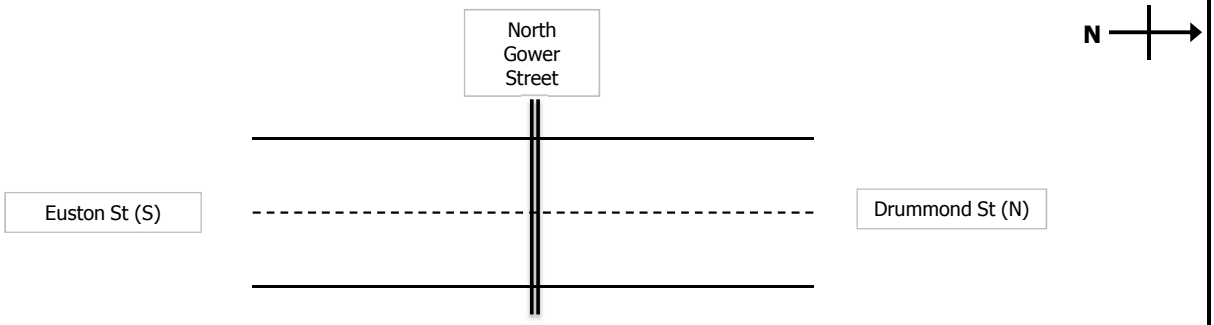
Road Name: North Gower Street
Direction AB: **From:** Euston St (S) **to:** Drummond St (N)
Direction BA: **From:** Drummond St (N) **to:** Euston St (S)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.526743	-0.137239	03.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.526743,-0.137239&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

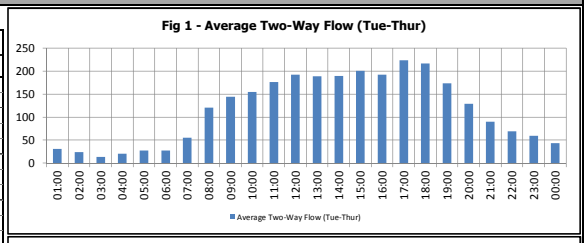
Intelligent Data - Automatic Traffic Count Output

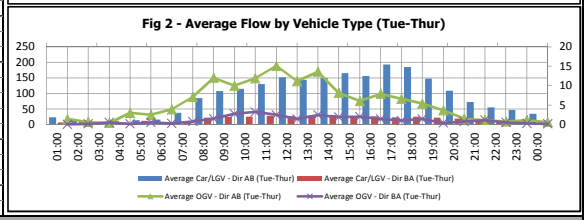
Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	23	6	1	0	31
02:00	15	9	1	0	24
03:00	7	6	0	1	13
04:00	11	6	3	0	20
05:00	13	11	3	1	27
06:00	16	8	4	0	28
07:00	37	10	7	1	55
08:00	85	22	12	2	121
09:00	108	23	10	3	144
10:00	115	25	12	3	155
11:00	131	28	15	3	176
12:00	152	27	11	1	192
13:00	144	29	14	2	189
14:00	149	30	8	2	189
15:00	166	27	6	2	201
16:00	156	26	8	1	192
17:00	193	22	7	1	223
18:00	185	25	5	1	217
19:00	147	22	4	0	173
20:00	108	19	2	1	129
21:00	72	15	1	1	90
22:00	55	13	1	1	69
23:00	47	12	1	0	60
00:00	34	9	1	0	43





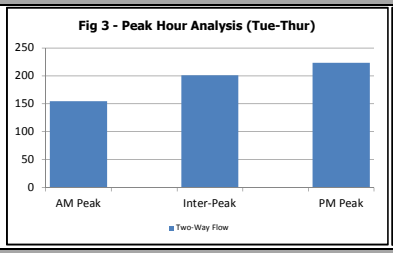
Peak Hour Analysis

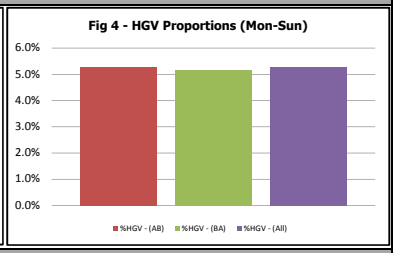
Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	155
Inter-Peak	14:00:00	15:00:00	201
PM Peak	16:00:00	17:00:00	223

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	5.3%	5.2%	5.3%





Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.51%	1.21%
5	10	12.31%	14.20%
10	15	72.15%	70.27%
15	20	99.07%	97.34%
20	25	99.93%	99.77%
25	30	99.97%	99.96%
30	35	99.99%	100.00%
35	40	100.00%	100.00%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

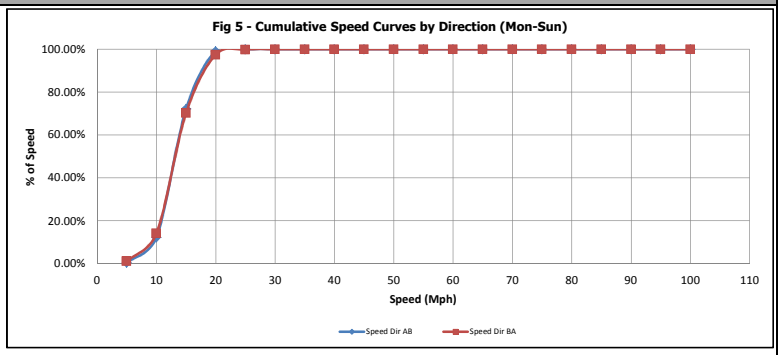
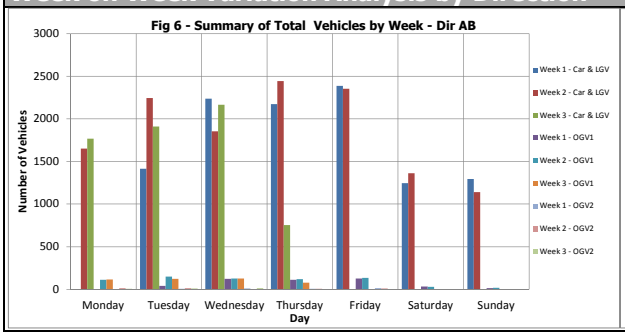
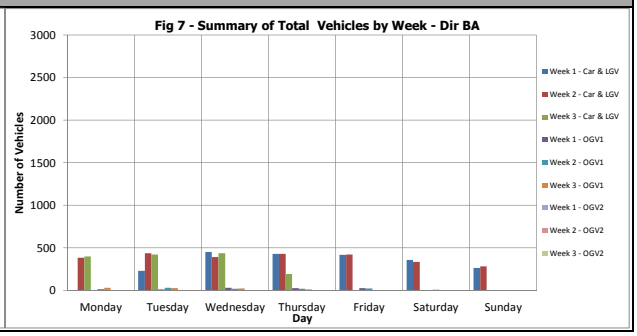


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	13.3	17.4
BA	13.4	17.7

Week on Week Variation Analysis by Direction





Intelligent Data - Automatic Traffic Count Output

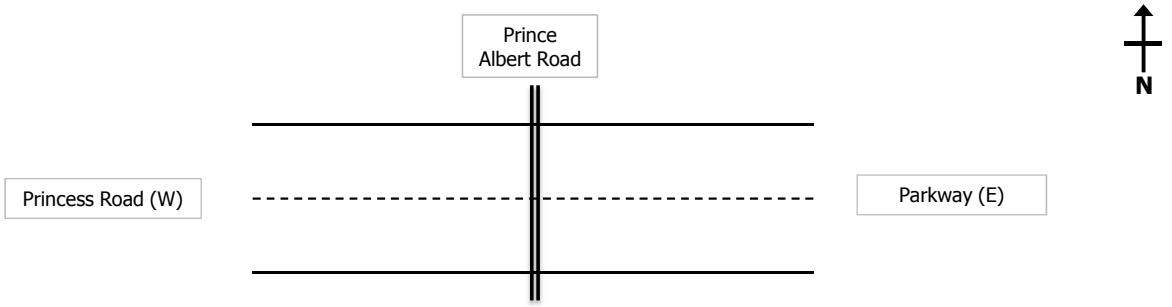
Road Name: Prince Albert Road
Direction AB: **From:** Princess Road (W) **to:** Parkway (E)
Direction BA: **From:** Parkway (E) **to:** Princess Road (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.537497	-0.151258	03.06.2014	19.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.537497,-0.151258&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	182	128	6	8	323
02:00	116	85	4	5	210
03:00	68	53	4	2	127
04:00	57	42	9	5	112
05:00	79	60	11	6	155
06:00	145	75	13	11	244
07:00	416	195	38	25	674
08:00	567	271	46	39	923
09:00	594	283	46	31	954
10:00	595	265	53	41	955
11:00	555	252	58	39	903
12:00	530	293	55	46	924
13:00	515	311	50	46	922
14:00	502	303	47	45	897
15:00	516	343	52	44	954
16:00	519	333	41	35	928
17:00	529	395	31	34	990
18:00	574	385	30	23	1012
19:00	616	361	21	14	1013
20:00	547	324	17	15	902
21:00	388	251	11	12	661
22:00	327	201	11	8	548
23:00	301	222	9	9	541
00:00	260	189	3	8	460

Fig 1 - Average Two-Way Flow (Tue-Thur)

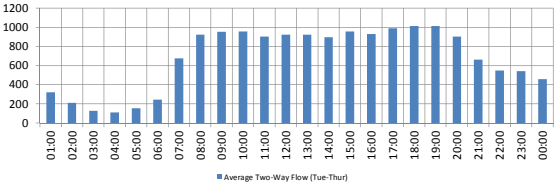
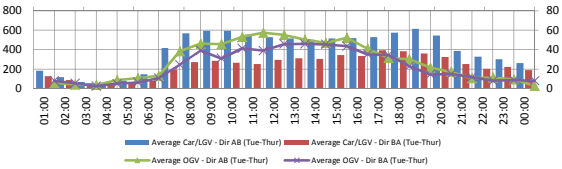


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	955
Inter-Peak	14:00:00	15:00:00	954
PM Peak	18:00:00	19:00:00	1013

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	5.9%	8.2%	6.8%

Fig 3 - Peak Hour Analysis (Tue-Thur)

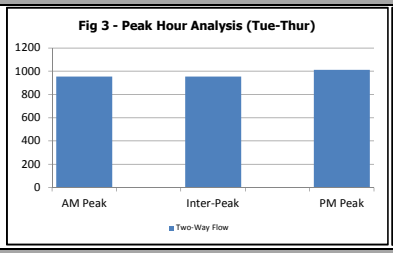
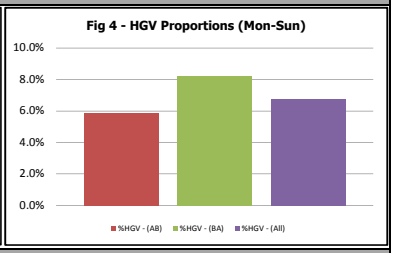


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.39%	0.32%
5	10	5.62%	2.08%
10	15	11.89%	8.65%
15	20	24.82%	24.31%
20	25	61.46%	55.04%
25	30	90.83%	84.76%
30	35	98.09%	96.15%
35	40	99.49%	98.95%
40	45	99.84%	99.62%
45	50	99.95%	99.83%
50	55	99.98%	99.93%
55	60	99.99%	99.96%
60	65	100.00%	99.98%
65	70	100.00%	99.99%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

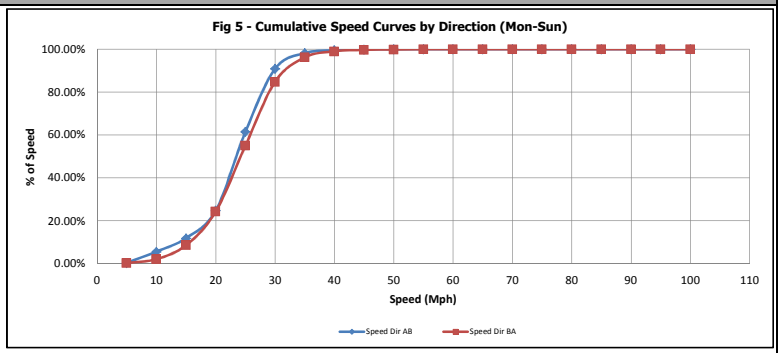


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	22.9	29.0
BA	24.0	30.1

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

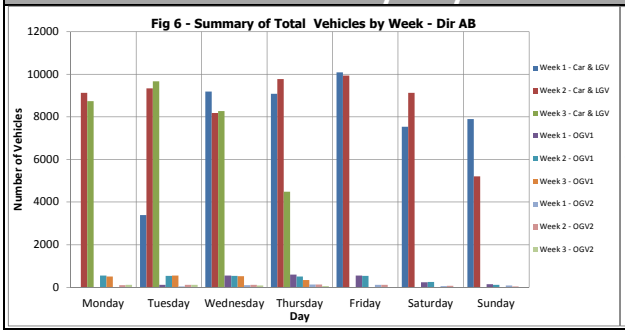
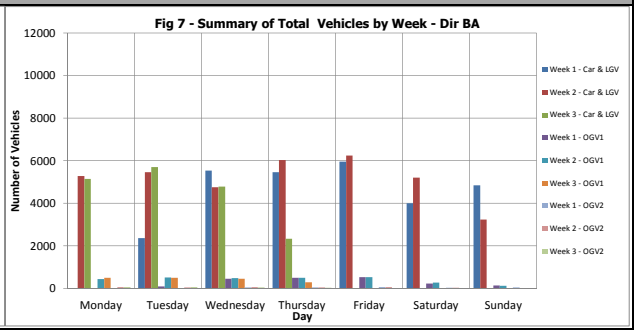


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

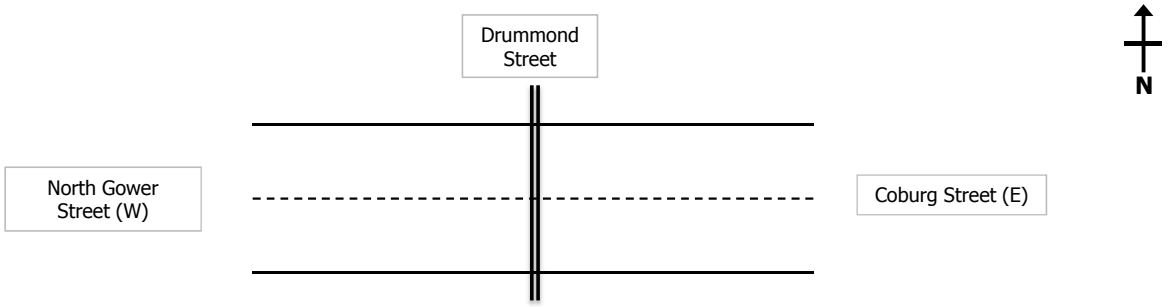
Road Name: Drummond Street
Direction AB: **From:** North Gower Street (W) **to:** Coburg Street (E)
Direction BA: **From:** Coburg Street (E) **to:** North Gower Street (W)

X Co-Ordinate	Y Co-Ordinate	ATC Start Date	ATC Finish Date	Posted Speed Limit
51.527086	-0.136798	03.06.2014	26.06.2014	30

Link to location on Google Maps

http://maps.google.co.uk/maps?hl=en&safe=off&q=51.527086,-0.136798&cr=countryUK|countryGB&um=1&ie=UTF-8&sa=N&tab=wl

Site Layout



Photograph Record

Comments

Prepared by	Hannah Lacy	Checked by	Luke Martin	Project Director	Paul O'Neill

Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	19	3	0	0	23
02:00	12	1	0	0	13
03:00	6	2	0	0	8
04:00	5	1	2	0	8
05:00	12	2	1	0	15
06:00	12	1	2	0	14
07:00	23	2	3	0	28
08:00	54	7	7	0	69
09:00	77	10	8	1	96
10:00	78	10	12	1	101
11:00	85	14	10	1	110
12:00	92	19	10	2	123
13:00	101	17	9	1	128
14:00	107	18	9	0	134
15:00	111	17	6	1	134
16:00	112	17	7	0	136
17:00	135	12	6	0	153
18:00	136	15	6	0	157
19:00	104	15	5	0	124
20:00	73	13	2	0	87
21:00	53	10	1	0	65
22:00	35	14	1	0	51
23:00	28	8	1	0	37
00:00	29	6	1	0	36

Fig 1 - Average Two-Way Flow (Tue-Thur)

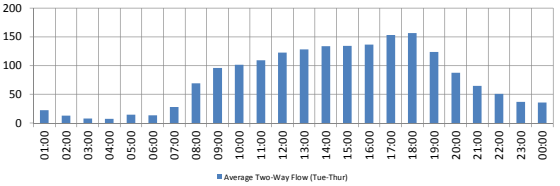
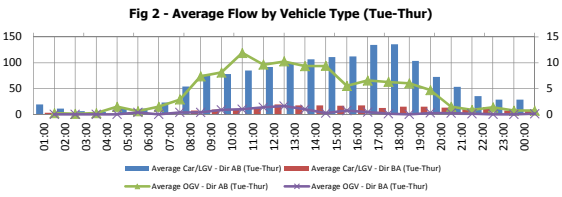


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	101
Inter-Peak	15:00:00	16:00:00	136
PM Peak	17:00:00	18:00:00	157

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	6.3%	3.3%	5.9%

Fig 3 - Peak Hour Analysis (Tue-Thur)

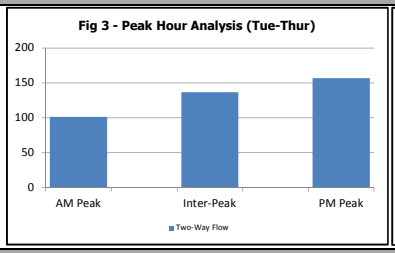
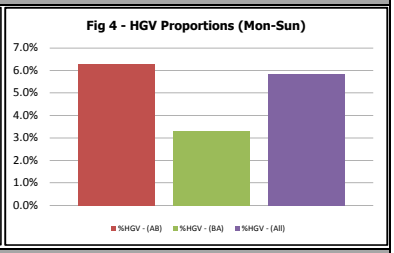


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.64%	2.04%
5	10	9.33%	24.32%
10	15	37.57%	65.56%
15	20	77.52%	91.21%
20	25	96.74%	98.72%
25	30	99.50%	99.88%
30	35	99.91%	99.98%
35	40	99.98%	100.00%
40	45	100.00%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

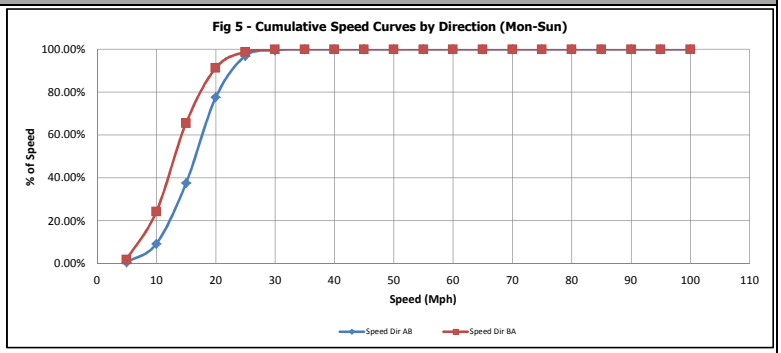


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	16.4	21.9
BA	13.4	18.8

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

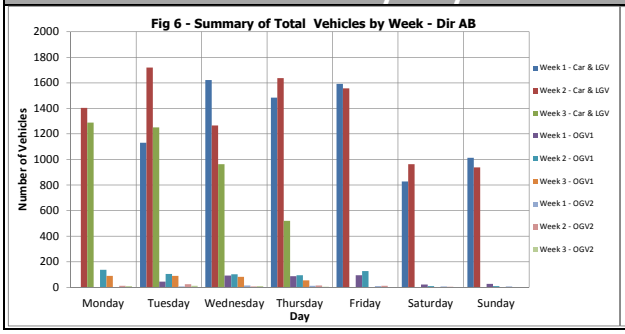
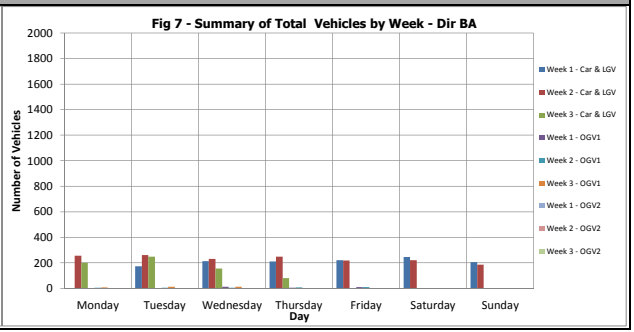


Fig 7 - Summary of Total Vehicles by Week - Dir BA



Intelligent Data - Automatic Traffic Count Output

Arup
HS2 Euston

Flow Reporting

Table 1 - Two Way Flow Analysis

Hour Ending	Average Car/LGV - Dir AB (Tue-Thur)	Average Car/LGV - Dir BA (Tue-Thur)	Average OGV - Dir AB (Tue-Thur)	Average OGV - Dir BA (Tue-Thur)	Average Two-Way Flow (Tue-Thur)
01:00	16	3	0	0	18
02:00	10	3	0	0	14
03:00	8	1	0	0	9
04:00	8	2	1	0	11
05:00	9	1	1	0	11
06:00	7	0	0	0	7
07:00	20	2	3	0	24
08:00	56	6	7	1	69
09:00	91	9	11	1	112
10:00	109	14	9	1	134
11:00	116	13	9	1	138
12:00	107	15	9	1	131
13:00	107	12	10	3	130
14:00	102	13	9	0	125
15:00	127	14	6	1	149
16:00	117	13	8	0	137
17:00	113	10	5	1	129
18:00	141	13	4	1	159
19:00	103	12	4	0	120
20:00	67	10	4	0	81
21:00	44	8	1	0	52
22:00	29	8	1	0	37
23:00	32	7	0	0	39
00:00	31	9	0	0	40

Fig 1 - Average Two-Way Flow (Tue-Thur)

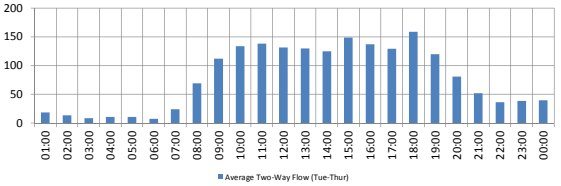
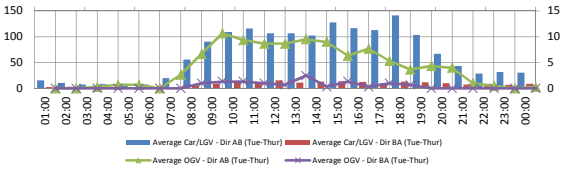


Fig 2 - Average Flow by Vehicle Type (Tue-Thur)



Peak Hour Analysis

Table 2 - Peak Hour Analysis (Tue-Thur)

Peak	Time From	Time To	Two-Way Flow
AM Peak	09:00:00	10:00:00	134
Inter-Peak	14:00:00	15:00:00	149
PM Peak	17:00:00	18:00:00	159

Table 3 - HGV Proportions (Mon-Sun)

Category	%HGV - (AB)	%HGV - (BA)	%HGV - (All)
All	5.7%	4.2%	5.5%

Fig 3 - Peak Hour Analysis (Tue-Thur)

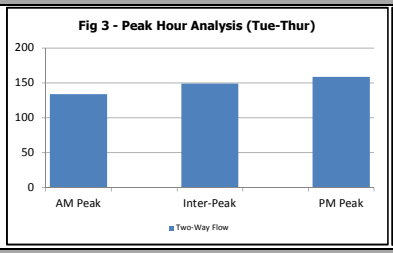
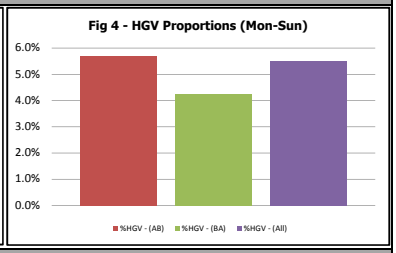


Fig 4 - HGV Proportions (Mon-Sun)



Speed Analysis

Table 4 - Cumulative Speed by Direction (Mon-Sun)

Speed From	Speed to	Speed Dir AB	Speed Dir BA
0	5	0.66%	2.97%
5	10	7.63%	21.21%
10	15	31.13%	60.83%
15	20	71.45%	88.74%
20	25	95.55%	97.88%
25	30	99.34%	99.49%
30	35	99.81%	99.89%
35	40	99.95%	99.94%
40	45	99.96%	100.00%
45	50	100.00%	100.00%
50	55	100.00%	100.00%
55	60	100.00%	100.00%
60	65	100.00%	100.00%
65	70	100.00%	100.00%
70	75	100.00%	100.00%
75	80	100.00%	100.00%
80	85	100.00%	100.00%
85	90	100.00%	100.00%
90	95	100.00%	100.00%
95	100	100.00%	100.00%

Fig 5 - Cumulative Speed Curves by Direction (Mon-Sun)

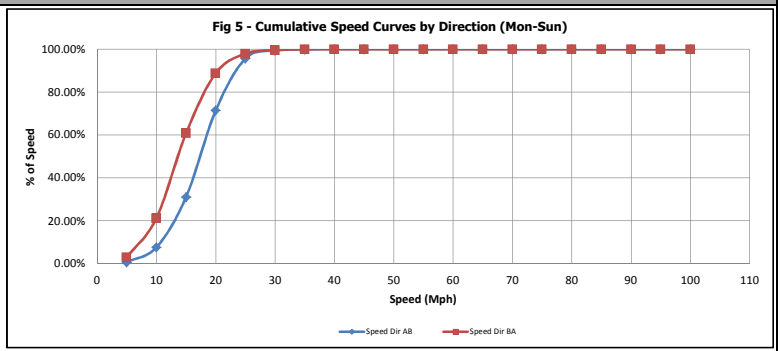


Table 5 - Average and 85%ile Speeds by Direction (Mon-Sun)

Direction	Ave Speed	85%ile Speed
AB	17.2	22.8
BA	14.0	19.3

Week on Week Variation Analysis by Direction

Fig 6 - Summary of Total Vehicles by Week - Dir AB

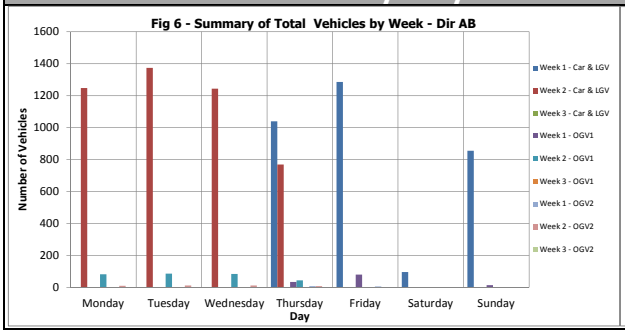
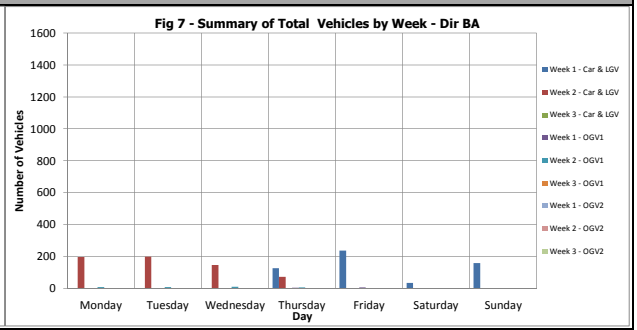


Fig 7 - Summary of Total Vehicles by Week - Dir BA



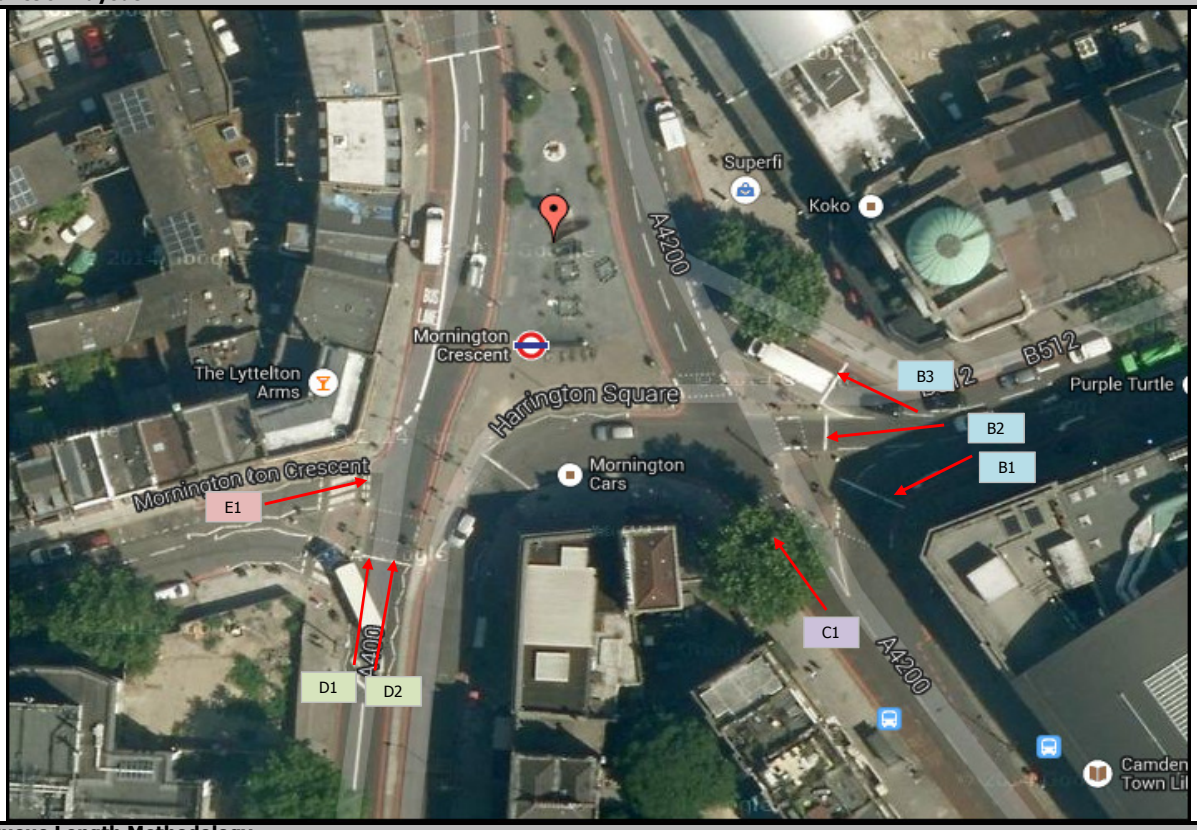
Appendix D – vehicle queue lengths

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 6
Date of Survey: 10.06.2014
Junction Name: Camden High Street / Eversholt Street / Crowndale Road
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.534642	-0.138893	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Camden High Street / Eversholt Street / Crowndale Road

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	B1				B2				B3				C1				D1				D2				E1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	0	0	0	0	1	2	3	36	3	1	4	33	4	0	4	24	0	0	0	0	3	0	3	18	0	0	0	0
07:05	0	0	0	0	0	1	1	15	8	0	8	48	4	0	4	24	0	0	0	0	0	0	0	0	0	0	0	0
07:10	0	0	0	0	1	2	3	36	9	0	9	54	1	2	3	36	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	2	1	3	27	6	0	6	36	4	1	5	39	3	1	4	33	1	0	1	6	0	0	0	0
07:20	0	0	0	0	1	1	2	21	9	1	10	69	4	0	4	24	0	0	0	0	0	0	0	0	0	0	0	0
07:25	0	0	0	0	3	1	4	33	5	2	7	60	4	0	4	24	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	2	1	3	27	5	3	8	75	2	0	2	12	0	0	0	0	2	0	2	12	1	0	1	6
07:35	0	0	0	0	2	2	4	42	3	0	3	18	6	0	6	36	0	0	0	0	2	0	2	12	1	0	1	6
07:40	0	0	0	0	0	2	2	30	8	0	8	48	3	3	6	63	0	0	0	0	0	0	0	0	1	0	1	6
07:45	0	0	0	0	3	2	5	48	6	1	7	51	4	1	5	39	0	0	0	0	3	0	3	18	1	0	1	6
07:50	0	0	0	0	5	2	7	60	5	0	5	30	1	1	2	21	0	0	0	0	1	0	1	6	2	0	2	12
07:55	0	1	1	15	2	2	4	42	6	0	6	36	4	1	5	39	0	0	0	0	1	1	2	21	1	0	1	6
08:00	0	0	0	0	6	0	6	36	9	1	10	69	4	1	5	39	0	0	0	0	2	1	3	27	2	0	2	12
08:05	1	0	1	6	2	1	3	27	5	1	6	45	4	1	5	39	0	0	0	0	2	0	2	12	0	0	0	0
08:10	2	0	2	12	4	0	4	24	4	1	5	39	9	1	10	69	0	0	0	0	6	0	6	36	2	0	2	12
08:15	1	0	1	6	3	2	5	48	13	0	13	78	3	2	5	48	0	1	1	15	4	0	4	24	1	0	1	6
08:20	0	1	1	15	4	3	7	69	12	0	12	72	4	1	5	39	0	0	0	0	2	0	2	12	1	0	1	6
08:25	2	0	2	12	3	1	4	33	3	0	3	18	4	0	4	24	0	0	0	0	2	0	2	12	0	0	0	0
08:30	2	0	2	12	2	2	4	42	4	0	4	24	7	0	7	42	0	0	0	0	9	1	10	69	0	1	1	15
08:35	0	1	1	15	4	0	4	24	1	0	1	6	6	1	7	51	0	0	0	0	10	0	10	60	1	1	2	21
08:40	0	0	0	0	2	3	5	57	1	1	2	21	0	0	0	0	3	2	5	48	8	0	8	48	0	0	0	0
08:45	4	0	4	24	3	0	3	18	6	0	6	36	4	4	8	84	0	0	0	0	5	1	6	45	0	1	1	15
08:50	3	0	3	18	2	2	4	42	1	1	2	21	0	0	0	0	0	0	0	0	5	1	6	45	1	0	1	6
08:55	0	1	1	15	2	2	4	42	3	0	3	18	1	0	1	6	0	0	0	0	6	0	6	36	1	0	1	6
09:00	0	1	1	15	3	2	5	48	5	0	5	30	6	0	6	36	0	0	0	0	3	0	3	18	1	0	1	6
09:05	0	1	1	15	3	3	6	63	4	1	5	39	3	0	3	18	0	0	0	0	3	0	3	18	2	0	2	12
09:10	0	1	1	15	4	0	4	24	2	1	3	27	1	2	3	36	2	2	4	42	5	1	6	45	0	0	0	0
09:15	1	0	1	6	1	4	5	66	4	0	4	24	7	1	8	57	0	0	0	0	1	2	3	36	3	0	3	18
09:20	1	0	1	6	1	2	3	36	7	1	8	57	4	0	4	24	0	0	0	0	4	2	6	54	1	1	2	21
09:25	0	0	0	0	3	1	4	33	3	1	4	33	6	1	7	51	0	0	0	0	9	1	10	69	1	0	1	6
09:30	1	0	1	6	3	1	4	33	5	1	6	45	6	1	7	51	0	1	1	15	9	1	10	69	1	0	1	6
09:35	0	0	0	0	1	1	2	21	5	0	5	30	2	1	3	27	0	1	1	15	10	0	10	60	2	0	2	12
09:40	1	0	1	6	0	1	1	15	6	0	6	36	3	1	4	33	0	1	1	15	5	0	5	30	1	0	1	6
09:45	0	0	0	0	2	2	4	42	1	2	3	36	3	0	3	18	0	0	0	0	0	0	0	0	1	0	1	6
09:50	1	0	1	6	3	0	3	18	5	1	6	45	1	0	1	6	0	0	0	0	6	0	6	36	0	0	0	0
09:55	0	0	0	0	1	2	3	36	2	1	3	27	4	0	4	24	0	0	0	0	2	0	2	12	1	0	1	6

PM Peak Data:

	B1				B2				B3				C1				D1				D2				E1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	1	1	2	21	1	1	2	21	6	0	6	36	2	0	2	12	0	1	1	15	9	1	10	69	0	0	0	0
16:05	1	1	2	21	2	1	3	27	6	0	6	36	4	1	5	39	0	0	0	0	9	0	9	54	2	0	2	12
16:10	2	0	2	12	4	1	5	39	4	1	5	39	4	1	5	39	0	0	0	0	9	1	10	69	1	0	1	6
16:15	1	0	1	6	5	3	8	75	5	1	6	45	3	0	3	18	2	1	3	27	11	0	11	66	2	0	2	12
16:20	2	0	2	12	2	0	2	12	7	1	8	57	4	0	4	24	0	0	0	0	9	0	9	54	3	0	3	18
16:25	0	0	0	0	0	1	1	15	5	0	5	30	8	0	8	48	1	0	1	6	11	2	13	96	1	0	1	6
16:30	1	0	1	6	2	1	3	27	9	1	10	69	5	0	5	30	0	0	0	0	8	0	8	48	4	0	4	24
16:35	2	0	2	12	2	0	2	12	8	1	9	63	4	0	4	24	0	1	1	15	11	1	12	81	2	0	2	12
16:40	1	0	1	6	1	2	3	36	6	1	7	51	4	0	4	24	1	1	2	21	9	0	9	54	3	0	3	18
16:45	0	0	0	0	2	2	4	42	6	0	6	36	0	1	1	15	1	1	2	21	13	1	14	93	3	0	3	18
16:50	0	1	1	15	0	2	2	30	3	1	4	33	7	0	7	42	0	1	1	15	10	1	11	75	2	0	2	12
16:55	0	0	0	0	1	2	3	36	3	1	4	33	1	1	2	21	0	2	2	30	10	0	10	60	1	0	1	6
17:00	0	0	0	0	0	2	2	30	9	0	9	54	6	1	7	51	1	0	1	6	9	0	9	54	3	0	3	18
17:05	0	1	1	15	1	1	2	21	5	0	5	30	10	0	10	60	1	1	2	21	9	1	10	69	1	0	1	6
17:10	1	0	1	6	2	0	2	12	4	1	5	39	3	1	4	33	1	0	1	6	11	0	11	66	2	0	2	12
17:15	0	0	0	0	1	2	3	36	2	0	2	12	6	0	6	36	1	0	1	6	14	0	14	84	3	0	3	18
17:20	0	0	0	0	1	2	3	36	3	0	3	18	9	0	9	54	0	1	1	15	12	1	13	87	2	0	2	12
17:25	2	0	2	12	1	3	4	51	4	0	4	24	5	0	5	30	0	1	1	15	8	1	9	63	3	0	3	18
17:30	0	0	0	0	2	2	4	42	5	0	5	30	3	0	3	18	1	0	1	6	12	0	12	72	3	0	3	18
17:35	0	0	0	0	1	3	4	51	1	0	1	6	4	0	4	24	4	0	4	24	14	1	15	99	3	0	3	18
17:40	2	1	3	27	2	1	3	27	3	1	4	33	4	1	5	39	0	1	1	15	14	0	14	84	4	0	4	24
17:45	0	0	0	0	3	1	4	33	2	1	3	27	5	0	5	30	1	0	1	6	15	0	15	90	3	0	3	18
17:50	0	0	0	0	2	2	4	42	4	0	4	24	6	1	7	51	0	1	1	15	13	0	13	78	3	0	3	18
17:55	1	0	1	6	2	3	5	57	3	0	3	18	7	0	7	42	0	2	2	30	11	0	11	66	3	0	3	18
18:00	0	0	0	0	1	1	2	21	5	0	5	30	4	0	4	24	0	2	2	30	11	0	11	66	3	0	3	18
18:05	1	0	1	6	2	3	5	57	6	0	6	36	1	2	3	36	0	1	1	15	6	0	6	36	2	0	2	12
18:10	0	0	0	0	2	1	3	27	6	1	7	51	0	0	0	0	0	0	0	0	7	1	8	57	1	0	1	6
18:15	0	0	0	0	1	2	3	36	7	0	7	42	2	2	4	42	1	0	1	6	13	0	13	78	6	0	6	36
18:20	1	0	1	6	2	2	4	42	6	0	6	36	5	0	5	30	0	1	1	15	9	0	9	54	3	0	3	18
18:25	1	0	1	6	3	1	4	33	5	0	5	30	5	1	6	45	5	1	6	45	6	0	6	36	1	1	2	21
18:30	2	0	2	12	0	2	2	30	4	1	5	39	6	0	6	36	0	0	0	0	4	1	5	39	2	0	2	12
18:35	0	0	0	0	5	0	5	30	4	0	4	24	7	0	7	42	0	0	0	0	6	0	6	36	2	0	2	12
18:40	1	0	1	6	3	1	4	33	9	0	9	54	9	1	10	69	0	0	0	0	4	0	4	24	3	1	4	33
18:45	0	0	0	0	4	2	6	54	8	1	9	63	6	1	7	51	0	0	0	0	2	0	2	12	1	0	1	6
18:50	2	1	3	27	1	2	3	36	3	0	3	18	7	0	7	42	0	0	0	0	5	0	5	30	3	0	3	18
18:55	2	0	2	12	0	3	3	45	1	0	1	6	5	0	5	30	1	0	1	6	3	0	3	18	2	0	2	12

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 8
Date of Survey: 10.06.2014
Junction Name: Eversholt Street / Oakley Square
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.533116	-0.137094	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Oakley Square

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): Lights 6 Heavies 15

AM Peak Data:

	A1				B1				C1				C2				C3				D1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	3	1	4	33	1	0	1	6	3	2	5	48	8	1	9	63	0	0	0	0	9	0	9	54
07:05	1	0	1	6	1	0	1	6	5	1	6	45	7	1	8	57	0	0	0	0	4	0	4	24
07:10	1	0	1	6	1	0	1	6	9	0	9	54	6	1	7	51	0	0	0	0	5	1	6	45
07:15	1	1	2	21	1	0	1	6	4	2	6	54	4	1	5	39	2	0	2	12	7	1	8	57
07:20	2	0	2	12	0	0	0	0	7	2	9	72	7	0	7	42	0	0	0	0	3	2	5	48
07:25	1	1	2	21	0	0	0	0	5	0	5	30	6	1	7	51	0	0	0	0	1	1	2	21
07:30	4	0	4	24	1	0	1	6	9	1	10	69	11	0	11	66	0	0	0	0	8	0	8	48
07:35	4	2	6	54	2	0	2	12	8	0	8	48	5	1	6	45	0	0	0	0	10	1	11	75
07:40	5	0	5	30	1	0	1	6	7	1	8	57	7	3	10	87	1	0	1	6	8	3	11	93
07:45	2	1	3	27	1	0	1	6	5	0	5	30	7	0	7	42	0	0	0	0	9	1	10	69
07:50	3	3	6	63	2	0	2	12	8	0	8	48	10	1	11	75	0	0	0	0	6	1	7	51
07:55	3	1	4	33	0	0	0	0	5	0	5	30	6	0	6	36	0	0	0	0	9	1	10	69
08:00	2	2	4	42	1	0	1	6	7	1	8	57	8	1	9	63	0	0	0	0	9	2	11	84
08:05	3	0	3	18	2	0	2	12	9	1	10	69	9	0	9	54	0	0	0	0	7	3	10	87
08:10	2	1	3	27	1	0	1	6	11	1	12	81	8	2	10	78	0	0	0	0	12	1	13	87
08:15	3	0	3	18	1	0	1	6	6	1	7	51	10	0	10	60	0	0	0	0	6	3	9	81
08:20	0	2	2	30	1	0	1	6	10	0	10	60	11	0	11	66	0	0	0	0	11	1	12	81
08:25	4	1	5	39	1	0	1	6	7	1	8	57	8	1	9	63	0	0	0	0	7	1	8	57
08:30	2	3	5	57	1	0	1	6	7	2	9	72	2	1	3	27	1	0	1	6	9	1	10	69
08:35	2	1	3	27	0	1	1	15	8	0	8	48	13	0	13	78	0	0	0	0	9	1	10	69
08:40	1	1	2	21	1	0	1	6	5	0	5	30	10	1	11	75	0	0	0	0	5	3	8	75
08:45	4	0	4	24	1	0	1	6	9	0	9	54	10	0	10	60	0	0	0	0	3	2	5	48
08:50	5	1	6	45	0	0	0	0	4	0	4	24	4	0	4	24	0	1	1	15	2	1	3	27
08:55	2	2	4	42	3	0	3	18	9	0	9	54	10	0	10	60	0	0	0	0	13	1	14	93
09:00	1	1	2	21	0	0	0	0	9	1	10	69	7	1	8	57	0	0	0	0	10	1	11	75
09:05	0	1	1	15	2	0	2	12	8	0	8	48	8	2	10	78	0	0	0	0	8	3	11	93
09:10	2	1	3	27	1	0	1	6	7	0	7	42	9	1	10	69	0	0	0	0	10	1	11	75
09:15	4	0	4	24	1	0	1	6	5	1	6	45	9	0	9	54	1	0	1	6	8	3	11	93
09:20	3	1	4	33	1	0	1	6	11	0	11	66	9	0	9	54	1	0	1	6	6	2	8	66
09:25	3	0	3	18	1	0	1	6	6	0	6	36	8	0	8	48	1	0	1	6	12	0	12	72
09:30	4	0	4	24	1	0	1	6	5	1	6	45	9	0	9	54	1	0	1	6	11	0	11	66
09:35	2	0	2	12	1	0	1	6	8	0	8	48	7	1	8	57	1	0	1	6	6	2	8	66
09:40	2	0	2	12	1	0	1	6	9	1	10	69	7	0	7	42	0	0	0	0	7	2	9	72
09:45	6	1	7	51	1	0	1	6	12	0	12	72	10	1	11	75	0	0	0	0	4	2	6	54
09:50	3	0	3	18	1	0	1	6	13	0	13	78	11	1	12	81	0	0	0	0	7	2	9	72
09:55	3	2	5	48	0	0	0	0	11	1	12	81	7	0	7	42	1	0	1	6	9	2	11	84

PM Peak Data:

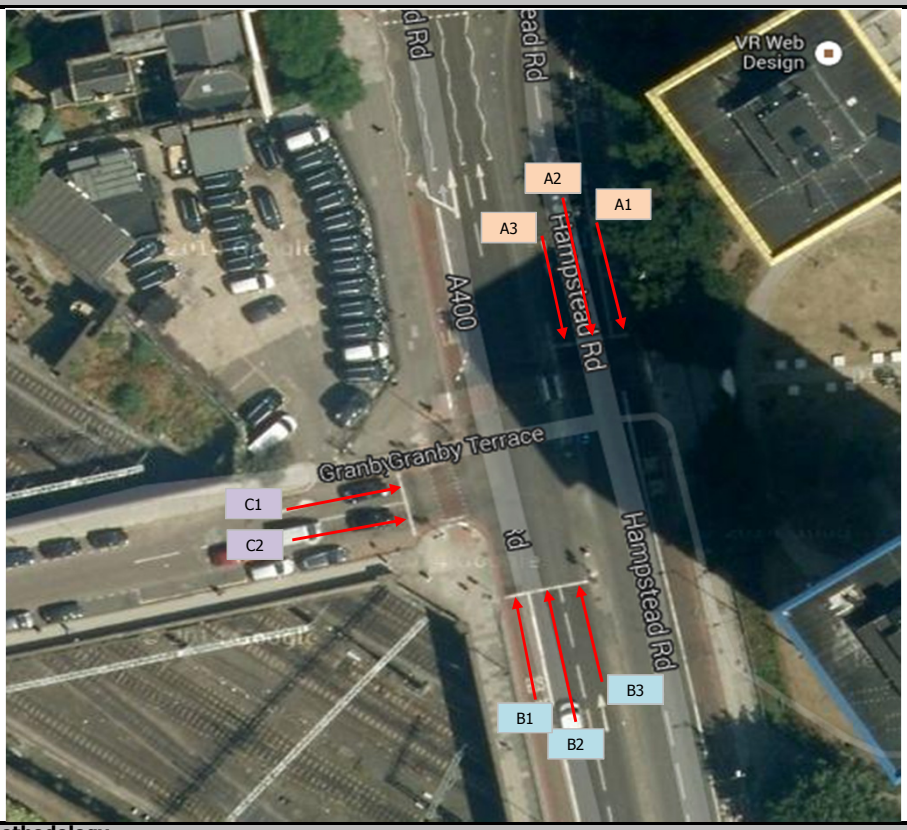
	A1				B1				C1				C2				C3				D1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	1	1	2	21	1	0	1	6	8	1	9	63	8	0	8	48	0	0	0	0	5	3	8	75
16:05	3	0	3	18	1	0	1	6	7	2	9	72	9	1	10	69	1	0	1	6	11	1	12	81
16:10	3	1	4	33	1	0	1	6	7	0	7	42	7	1	8	57	1	0	1	6	4	1	5	39
16:15	3	0	3	18	2	0	2	12	4	0	4	24	3	0	3	18	1	0	1	6	7	2	9	72
16:20	3	0	3	18	1	0	1	6	8	0	8	48	7	0	7	42	1	0	1	6	13	0	13	78
16:25	3	0	3	18	1	0	1	6	8	1	9	63	10	0	10	60	1	0	1	6	10	1	11	75
16:30	2	0	2	12	1	0	1	6	7	0	7	42	9	0	9	54	1	0	1	6	9	1	10	69
16:35	2	1	3	27	1	0	1	6	7	1	8	57	7	1	8	57	0	0	0	0	13	0	13	78
16:40	2	1	3	27	1	0	1	6	10	0	10	60	5	0	5	30	2	0	2	12	13	2	15	108
16:45	1	1	2	21	0	0	0	0	8	1	9	63	7	0	7	42	0	0	0	0	11	1	12	81
16:50	5	2	7	60	1	0	1	6	8	0	8	48	4	1	5	39	0	0	0	0	9	0	9	54
16:55	3	0	3	18	0	0	0	0	7	0	7	42	7	0	7	42	1	0	1	6	6	2	8	66
17:00	0	1	1	15	3	0	3	18	8	0	8	48	6	0	6	36	0	0	0	0	11	1	12	81
17:05	5	1	6	45	2	0	2	12	6	0	6	36	6	0	6	36	1	0	1	6	11	2	13	96
17:10	0	2	2	30	0	0	0	0	11	0	11	66	11	0	11	66	2	0	2	12	13	0	13	78
17:15	3	1	4	33	0	0	0	0	12	0	12	72	10	0	10	60	0	0	0	0	13	1	14	93
17:20	2	0	2	12	1	0	1	6	11	1	12	81	9	0	9	54	0	0	0	0	13	1	14	93
17:25	3	0	3	18	0	0	0	0	7	0	7	42	11	0	11	66	1	0	1	6	9	2	11	84
17:30	3	0	3	18	1	0	1	6	8	0	8	48	8	0	8	48	0	0	0	0	8	1	9	63
17:35	2	0	2	12	1	0	1	6	8	0	8	48	9	0	9	54	0	0	0	0	8	1	9	63
17:40	3	1	4	33	1	0	1	6	7	0	7	42	10	0	10	60	2	0	2	12	10	1	11	75
17:45	4	0	4	24	0	0	0	0	4	0	4	24	4	0	4	24	0	0	0	0	8	1	9	63
17:50	3	0	3	18	1	0	1	6	4	0	4	24	5	0	5	30	0	0	0	0	8	1	9	63
17:55	3	0	3	18	1	0	1	6	10	1	11	75	8	0	8	48	1	0	1	6	11	1	12	81
18:00	3	0	3	18	1	0	1	6	11	0	11	66	11	0	11	66	0	0	0	0	10	0	10	60
18:05	2	1	3	27	3	0	3	18	6	0	6	36	8	0	8	48	0	0	0	0	11	0	11	66
18:10	2	2	4	42	1	0	1	6	10	0	10	60	10	0	10	60	0	0	0	0	9	0	9	54
18:15	2	1	3	27	0	0	0	0	7	1	8	57	7	0	7	42	0	0	0	0	10	2	12	90
18:20	4	0	4	24	1	0	1	6	8	0	8	48	9	0	9	54	1	0	1	6	6	1	7	51
18:25	2	0	2	12	1	0	1	6	9	0	9	54	8	0	8	48	1	0	1	6	10	0	10	60
18:30	4	0	4	24	0	0	0	0	9	1	10	69	8	0	8	48	1	0	1	6	8	0	8	48
18:35	1	1	2	21	1	0	1	6	9	0	9	54	8	0	8	48	1	0	1	6	6	1	7	51
18:40	2	1	3	27	2	0	2	12	11	0	11	66	11	0	11	66	1	0	1	6	11	1	12	81
18:45	2	0	2	12	0	1	1	15	11	0	11	66	10	0	10	60	1	0	1	6	7	2	9	72
18:50	1	2	3	36	1	0	1	6	12	0	12	72	10	0	10	60	0	0	0	0	15	0	15	90
18:55	6	0	6	36	2	0	2	12	9	0	9	54	11	0	11	66	0	0	0	0	9	1	10	69

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 10
Date of Survey: 10.06.2014 & 12.06.2014
Junction Name: Granby Terrace / Hampstead Road
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.531881	-0.139178	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queues in Arm A and B were completed on the 12th, and queues in Arm C on the 10th.

View in Arm A is limited by bend in the road. Queues are counted up to the limit of the view. This goes slightly beyond Site 7, as vehicles queuing at Site 7 do not queue in these lanes.

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 10.06.2014 & 12.06.2014
Project Number: ID01981
Junction Name: Granby Terrace / Hampstead Road
Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				A2				A3				B1				B2				B3				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	0	1	1	15	4	0	4	24	6	0	6	36	0	0	0	0	1	0	1	6	0	0	0	0	1	0	1	6	4	0	4	24
07:05	0	1	1	15	4	0	4	24	8	0	8	48	0	0	0	0	1	1	2	21	1	0	1	6	1	0	1	6	3	0	3	18
07:10	0	1	1	15	4	0	4	24	4	1	5	39	0	1	1	15	3	0	3	18	3	0	3	18	1	0	1	6	2	1	3	27
07:15	0	0	0	0	5	1	6	45	6	0	6	36	0	0	0	0	1	1	2	21	1	0	1	6	1	0	1	6	4	1	5	39
07:20	0	1	1	15	2	0	2	12	0	0	0	0	0	0	0	0	1	0	1	6	1	0	1	6	1	0	1	6	4	0	4	24
07:25	1	0	1	6	4	0	4	24	8	1	9	63	0	0	0	0	4	1	5	39	5	0	5	30	2	0	2	12	4	0	4	24
07:30	1	0	1	6	5	2	7	60	9	0	9	54	0	0	0	0	4	2	6	54	2	0	2	12	2	0	2	12	1	0	1	6
07:35	1	1	2	21	5	1	6	45	7	0	7	42	0	0	0	0	2	3	5	57	1	0	1	6	0	1	1	15	6	0	6	36
07:40	0	1	1	15	3	1	4	33	6	0	6	36	0	1	1	15	3	0	3	18	0	0	0	0	2	0	2	12	3	0	3	18
07:45	1	0	1	6	8	0	8	48	8	0	8	48	0	0	0	0	0	4	4	60	1	0	1	6	0	1	1	15	3	0	3	18
07:50	0	5	5	75	6	0	6	36	7	0	7	42	0	0	0	0	0	4	4	60	2	0	2	12	2	0	2	12	5	0	5	30
07:55	2	0	2	12	6	1	7	51	5	2	7	60	0	0	0	0	3	0	3	18	1	0	1	6	1	0	1	6	4	1	5	39
08:00	0	1	1	15	7	1	8	57	9	0	9	54	1	0	1	6	2	0	2	12	2	0	2	12	2	0	2	12	4	0	4	24
08:05	1	0	1	6	8	1	9	63	9	0	9	54	2	0	2	12	4	0	4	24	2	0	2	12	1	0	1	6	2	1	3	27
08:10	0	1	1	15	4	1	5	39	7	0	7	42	1	1	2	21	2	0	2	12	0	0	0	0	2	0	2	12	3	0	3	18
08:15	0	2	2	30	5	0	5	30	7	0	7	42	0	2	2	30	3	0	3	18	2	0	2	12	0	1	1	15	1	0	1	6
08:20	0	2	2	30	4	0	4	24	5	0	5	30	0	1	1	15	5	1	6	45	1	0	1	6	1	0	1	6	1	1	2	21
08:25	1	1	2	21	5	0	5	30	9	0	9	54	0	1	1	15	2	1	3	27	2	0	2	12	2	0	2	12	2	1	3	27
08:30	1	0	1	6	5	2	7	60	7	1	8	57	0	2	2	30	5	0	5	30	5	0	5	30	0	1	1	15	3	0	3	18
08:35	0	0	0	0	7	1	8	57	9	0	9	54	1	0	1	6	4	0	4	24	1	0	1	6	1	0	1	6	5	0	5	30
08:40	0	1	1	15	5	1	6	45	8	0	8	48	0	1	1	15	4	2	6	54	2	0	2	12	3	0	3	18	2	0	2	12
08:45	1	0	1	6	5	0	5	30	9	0	9	54	0	0	0	0	6	0	6	36	3	0	3	18	3	0	3	18	4	0	4	24
08:50	0	1	1	15	3	0	3	18	6	1	7	51	0	1	1	15	8	0	8	48	2	0	2	12	2	0	2	12	3	0	3	18
08:55	0	1	1	15	6	0	6	36	8	1	9	63	1	0	1	6	3	0	3	18	2	0	2	12	2	0	2	12	5	0	5	30
09:00	1	0	1	6	4	0	4	24	9	0	9	54	0	0	0	0	3	1	4	33	6	0	6	36	2	0	2	12	3	0	3	18
09:05	0	1	1	15	6	1	7	51	8	1	9	63	1	0	1	6	3	2	5	48	3	0	3	18	3	0	3	18	4	0	4	24
09:10	0	0	0	0	5	1	6	45	7	0	7	42	0	0	0	0	0	1	1	15	1	0	1	6	1	0	1	6	4	1	5	39
09:15	2	0	2	12	9	0	9	54	6	1	7	51	1	0	1	6	5	0	5	30	2	0	2	12	1	1	2	21	6	0	6	36
09:20	1	1	2	21	5	2	7	60	8	0	8	48	1	0	1	6	4	0	4	24	5	0	5	30	1	0	1	6	3	0	3	18
09:25	1	0	1	6	6	2	8	66	9	0	9	54	1	0	1	6	5	0	5	30	1	0	1	6	1	0	1	6	3	0	3	18
09:30	0	2	2	30	3	0	3	18	3	0	3	18	0	1	1	15	5	0	5	30	3	0	3	18	1	0	1	6	5	0	5	30
09:35	0	3	3	45	2	0	2	12	3	0	3	18	0	1	1	15	3	1	4	33	1	0	1	6	3	0	3	18	2	1	3	27
09:40	1	0	1	6	2	0	2	12	2	0	2	12	2	0	2	12	3	0	3	18	3	0	3	18	1	1	2	21	3	0	3	18
09:45	1	1	2	21	3	1	4	33	4	0	4	24	0	0	0	0	2	1	3	27	2	0	2	12	1	0	1	6	3	0	3	18
09:50	1	0	1	6	6	1	7	51	9	0	9	54	0	1	1	15	2	1	3	27	0	0	0	0	1	0	1	6	3	0	3	18
09:55	0	0	0	0	1	0	1	6	1	0	1	6	0	1	1	15	1	2	3	36	0	0	0	0	1	1	2	21	3	0	3	18

PM Peak Data:

	A1				A2				A3				B1				B2				B3				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	0	1	1	15	5	0	5	30	8	0	8	48	0	0	0	0	4	0	4	24	5	0	5	30	2	0	2	12	3	0	3	18
16:05	1	1	2	21	4	0	4	24	8	0	8	48	0	0	0	0	4	1	5	39	3	0	3	18	1	1	2	21	3	0	3	18
16:10	1	1	2	21	2	0	2	12	2	0	2	12	1	0	1	6	8	0	8	48	7	0	7	42	2	0	2	12	3	0	3	18
16:15	1	0	1	6	4	0	4	24	3	0	3	18	0	0	0	0	4	0	4	24	4	0	4	24	4	0	4	24	6	0	6	36
16:20	0	2	2	30	4	0	4	24	5	0	5	30	0	0	0	0	6	0	6	36	3	0	3	18	1	0	1	6	3	0	3	18
16:25	2	0	2	12	4	0	4	24	7	0	7	42	0	1	1	15	5	0	5	30	3	0	3	18	0	0	0	0	2	0	2	12
16:30	0	0	0	0	4	1	5	39	7	0	7	42	0	0	0	0	3	0	3	18	1	0	1	6	1	0	1	6	4	0	4	24
16:35	0	1	1	15	4	0	4	24	2	0	2	12	1	0	1	6	3	0	3	18	6	0	6	36	2	0	2	12	2	0	2	12
16:40	5	0	5	30	8	0	8	48	7	0	7	42	1	0	1	6	5	0	5	30	5	0	5	30	1	0	1	6	1	0	1	6
16:45	1	1	2	21	6	0	6	36	3	0	3	18	2	0	2	12	5	0	5	30	5	0	5	30	1	0	1	6	3	0	3	18
16:50	0	0	0	0	4	0	4	24	6	0	6	36	0	2	2	30	6	1	7	51	9	0	9	54	2	0	2	12	3	0	3	18
16:55	0	3	3	45	6	0	6	36	6	0	6	36	0	1	1	15	9	0	9	54	5	0	5	30	1	0	1	6	2	0	2	12
17:00	0	1	1	15	5	0	5	30	2	0	2	12	1	0	1	6	4	3	7	69	2	0	2	12	4	0	4	24	5	0	5	30
17:05	3	0	3	18	5	1	6	45	5	1	6	45	3	0	3	18	8	0	8	48	10	0	10	60	3	0	3	18	3	0	3	18
17:10	1	0	1	6	3	0	3	18	9	0	9	54	0	1	1	15	4	0	4	24	3	0	3	18	1	0	1	6	3	0	3	18
17:15	0	1	1	15	4	0	4	24	2	0	2	12	3	0	3	18	4	1	5	39	7	0	7	42	2	0	2	12	3	0	3	18
17:20	0	0	0	0	3	0	3	18	3	1	4	33	0	0	0	0	1	0	1	6	0	0	0	0	2	0	2	12	2	0	2	12
17:25	1	1	2	21	2	0	2	12	5	0	5	30	1	1	2	21	5	1	6	45	8	1	9	63	3	0	3	18	1	0	1	6
17:30	0	1	1	15	5	0	5	30	6	0	6	36	1	0	1	6	3	0	3	18	2	0	2	12	3	0	3	18	0	0	0	0
17:35	0	0	0	0	4	0	4	24	4	0	4	24	0	0	0	0	5	0	5	30	3	0	3	18	2	0	2	12	1	0	1	6
17:40	0	1	1	15	1	0	1	6	3	1	4	33	1	0	1	6	9	0	9	54	13	0	13	78	3	0	3	18	4	0	4	24
17:45	0	2	2	30	4	1	5	39	4	1	5	39	0	0	0	0	8	2	10	78	11	0	11	66	2	0	2	12	5	0	5	30
17:50	0	2	2	30	5	0	5	30	6	0	6	36	1	0	1	6	5	1	6	45	5	0	5	30	2	0	2	12	1	0	1	6
17:55	1	1	2	21	9	1	10	69	10	0	10	60	0	0	0	0	8	0	8	48	4	0	4	24	2	0	2	12	3	0	3	18
18:00	0	2	2	30	6	1	7	51	9	0	9	54	1	1	2	21	5	0	5	30	4	0	4	24	3	0	3	18	4	0	4	24
18:05	0	2	2	30	4	0	4	24	9	0	9	54	0	1	1	15	10	0	10	60	10	0	10	60	2	0	2	12	2	0	2	12
18:10	1	0	1	6	5	0	5	30	3	0	3	18	0	0	0	0	1	1	2	21	1	0	1	6	3	0	3	18	5	0	5	30
18:15	1	1	2	21	8	0	8	48	7	0	7	42	1	1	2	21	7	1	8	57	5	0	5	30	2	0	2	12	4	0	4	24
18:20	1	1	2	21	2	1	3	27	10	0	10	60	1	0	1	6	10	0	10	60	6	0	6	36	4	0	4	24	2	0	2	12
18:25	1	0	1	6	5	0	5	30	10	0	10	60	2	0	2	12	6	0	6	36	5	0	5	30	3	0	3	18	5	0	5	30
18:30	1	0	1	6	7	1	8	57	5	0	5	30	0	0	0	0	6	0	6	36	5	0	5	30	2	0	2	12	6	0	6	36
18:35	2	0	2	12	5	1	6	45	9	0	9	54	0	0	0	0	7	0	7	42	6	0	6	36	2	0	2	12	7	0	7	42
18:40	1	0	1	6	2	0	2	12	2	0	2	12	1	0	1	6	4	1	5	39	3	0	3	18	1	0	1	6	4	0	4	24
18:45	0	1	1	15	4	0	4	24	9	0	9	54	1	0	1	6	4	1	5	39	3	0	3	18	2	0	2	12	4	0	4	24
18:50	3	0	3	18	8	1	9	63	10	0	10	60	1	0	1	6	9	2	11	84	4	0	4	24	2	0	2	12	5	0	5	30
18:55	2	0	2	12	8	0	8	48	11	0	11	66	0	0	0	0	5	0	5	30	4	0	4	24	2	0	2	12	4	0	4	24

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 11
Date of Survey: 12.06.2014
Junction Name: Hampstead Road / Cardington Street
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.529051	-0.138629	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Cardington Street

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): Lights 6 | Heavies 15

AM Peak Data:

	A1				A2				B1				C1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	2	1	3	27	4	1	5	39	5	0	5	30	1	0	1	6
07:05	2	0	2	12	2	0	2	12	2	0	2	12	3	0	3	18
07:10	3	0	3	18	8	0	8	48	6	0	6	36	7	1	8	57
07:15	3	1	4	33	5	0	5	30	3	0	3	18	1	1	2	21
07:20	0	2	2	30	2	0	2	12	4	1	5	39	5	0	5	30
07:25	4	0	4	24	6	1	7	51	4	1	5	39	3	1	4	33
07:30	3	1	4	33	5	0	5	30	2	0	2	12	1	0	1	6
07:35	5	0	5	30	7	2	9	72	3	0	3	18	1	1	2	21
07:40	4	0	4	24	10	0	10	60	2	0	2	12	1	0	1	6
07:45	2	1	3	27	13	1	14	93	3	0	3	18	1	0	1	6
07:50	0	3	3	45	3	0	3	18	1	1	2	21	3	1	4	33
07:55	3	0	3	18	7	1	8	57	4	0	4	24	3	2	5	48
08:00	0	2	2	30	8	1	9	63	4	0	4	24	2	1	3	27
08:05	2	1	3	27	5	0	5	30	5	0	5	30	2	0	2	12
08:10	2	0	2	12	10	0	10	60	1	0	1	6	1	0	1	6
08:15	2	0	2	12	13	0	13	78	4	0	4	24	1	2	3	36
08:20	1	0	1	6	4	0	4	24	2	0	2	12	2	0	2	12
08:25	3	0	3	18	5	0	5	30	3	0	3	18	1	1	2	21
08:30	0	0	0	0	1	0	1	6	3	0	3	18	3	0	3	18
08:35	4	0	4	24	3	0	3	18	4	0	4	24	4	2	6	54
08:40	2	1	3	27	1	0	1	6	2	0	2	12	4	0	4	24
08:45	2	1	3	27	9	2	11	84	3	0	3	18	2	1	3	27
08:50	2	2	4	42	11	1	12	81	4	1	5	39	4	0	4	24
08:55	2	1	3	27	6	1	7	51	6	0	6	36	1	1	2	21
09:00	2	0	2	12	6	0	6	36	4	0	4	24	1	1	2	21
09:05	2	2	4	42	9	2	11	84	1	1	2	21	0	2	2	30
09:10	1	2	3	36	13	0	13	78	2	0	2	12	0	1	1	15
09:15	0	1	1	15	10	0	10	60	3	0	3	18	3	0	3	18
09:20	1	0	1	6	9	0	9	54	9	0	9	54	3	1	4	33
09:25	0	0	0	0	2	0	2	12	4	0	4	24	4	1	5	39
09:30	0	0	0	0	4	0	4	24	4	0	4	24	4	1	5	39
09:35	3	0	3	18	4	0	4	24	2	1	3	27	2	1	3	27
09:40	1	2	3	36	2	0	2	12	4	0	4	24	3	1	4	33
09:45	1	0	1	6	3	0	3	18	1	0	1	6	2	0	2	12
09:50	2	1	3	27	7	0	7	42	6	0	6	36	0	1	1	15
09:55	0	0	0	0	7	0	7	42	4	0	4	24	1	0	1	6

PM Peak Data:

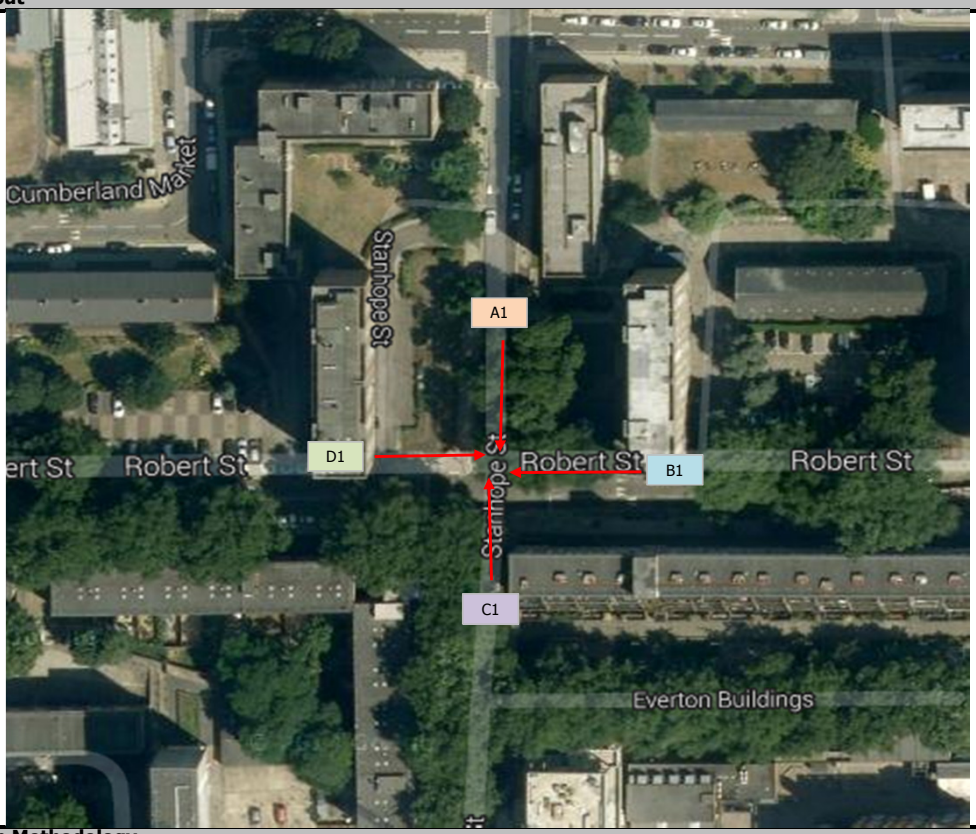
	A1				A2				B1				C1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	1	1	2	21	4	0	4	24	3	1	4	33	4	1	5	39
16:05	1	1	2	21	12	0	12	72	5	1	6	45	3	2	5	48
16:10	0	1	1	15	6	1	7	51	12	0	12	72	5	0	5	30
16:15	2	1	3	27	4	0	4	24	4	0	4	24	6	2	8	66
16:20	1	1	2	21	10	0	10	60	3	0	3	18	3	1	4	33
16:25	2	0	2	12	4	1	5	39	5	0	5	30	6	0	6	36
16:30	1	0	1	6	6	0	6	36	6	0	6	36	5	0	5	30
16:35	2	0	2	12	2	0	2	12	6	0	6	36	10	1	11	75
16:40	1	1	2	21	2	0	2	12	4	0	4	24	4	1	5	39
16:45	1	0	1	6	2	0	2	12	3	0	3	18	4	0	4	24
16:50	1	0	1	6	2	0	2	12	2	0	2	12	9	1	10	69
16:55	2	0	2	12	1	0	1	6	8	0	8	48	4	0	4	24
17:00	2	0	2	12	6	0	6	36	3	1	4	33	4	0	4	24
17:05	1	2	3	36	1	0	1	6	4	0	4	24	4	1	5	39
17:10	1	1	2	21	4	0	4	24	10	0	10	60	5	0	5	30
17:15	1	0	1	6	2	0	2	12	3	0	3	18	3	2	5	48
17:20	2	0	2	12	6	1	7	51	4	1	5	39	5	1	6	45
17:25	0	3	3	45	7	0	7	42	5	0	5	30	4	0	4	24
17:30	1	1	2	21	11	0	11	66	3	0	3	18	3	2	5	48
17:35	2	0	2	12	8	0	8	48	5	0	5	30	5	1	6	45
17:40	1	0	1	6	3	0	3	18	6	0	6	36	3	0	3	18
17:45	0	1	1	15	1	0	1	6	4	0	4	24	4	0	4	24
17:50	1	1	2	21	1	0	1	6	4	0	4	24	5	0	5	30
17:55	0	1	1	15	4	0	4	24	4	0	4	24	4	0	4	24
18:00	1	1	2	21	6	0	6	36	6	0	6	36	5	1	6	45
18:05	2	0	2	12	6	0	6	36	4	0	4	24	5	1	6	45
18:10	0	1	1	15	4	0	4	24	5	0	5	30	1	1	2	21
18:15	2	0	2	12	10	0	10	60	5	0	5	30	3	1	4	33
18:20	1	1	2	21	7	0	7	42	6	0	6	36	5	0	5	30
18:25	3	0	3	18	5	0	5	30	5	0	5	30	4	0	4	24
18:30	3	1	4	33	4	0	4	24	10	0	10	60	5	0	5	30
18:35	0	1	1	15	8	0	8	48	5	0	5	30	2	2	4	42
18:40	1	0	1	6	5	0	5	30	10	0	10	60	3	1	4	33
18:45	3	0	3	18	8	0	8	48	5	0	5	30	5	0	5	30
18:50	3	0	3	18	9	0	9	54	4	0	4	24	5	0	5	30
18:55	2	1	3	27	4	0	4	24	5	0	5	30	4	1	5	39

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 15
Date of Survey: 10.06.2014
Junction Name: Stanhope Street / Robert Street
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.528544	-0.140769	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Stanhope Street / Robert Street

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				B1				C1				D1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	1	0	1	6	2	0	2	12	0	0	0	0	0	0	0	0
07:05	0	0	0	0	4	0	4	24	0	0	0	0	0	0	0	0
07:10	0	0	0	0	3	0	3	18	2	0	2	12	2	0	2	12
07:15	1	0	1	6	3	0	3	18	0	0	0	0	1	0	1	6
07:20	1	0	1	6	2	0	2	12	0	0	0	0	1	0	1	6
07:25	0	0	0	0	2	0	2	12	1	0	1	6	1	0	1	6
07:30	1	0	1	6	2	0	2	12	0	0	0	0	0	0	0	0
07:35	1	0	1	6	0	0	0	0	1	0	1	6	0	0	0	0
07:40	1	0	1	6	1	0	1	6	1	0	1	6	0	0	0	0
07:45	1	0	1	6	3	0	3	18	1	0	1	6	0	0	0	0
07:50	1	0	1	6	2	0	2	12	1	0	1	6	1	0	1	6
07:55	1	0	1	6	3	0	3	18	0	0	0	0	0	0	0	0
08:00	2	0	2	12	2	0	2	12	1	0	1	6	1	0	1	6
08:05	1	1	2	21	2	1	3	27	1	0	1	6	0	0	0	0
08:10	1	0	1	6	2	0	2	12	1	0	1	6	2	0	2	12
08:15	3	0	3	18	7	0	7	42	2	0	2	12	1	0	1	6
08:20	0	1	1	15	6	0	6	36	1	0	1	6	1	0	1	6
08:25	3	0	3	18	5	0	5	30	2	0	2	12	1	0	1	6
08:30	1	0	1	6	7	0	7	42	2	0	2	12	2	0	2	12
08:35	2	0	2	12	4	0	4	24	1	0	1	6	2	0	2	12
08:40	0	1	1	15	2	2	4	42	2	0	2	12	1	0	1	6
08:45	2	1	3	27	4	0	4	24	1	0	1	6	3	0	3	18
08:50	2	0	2	12	3	0	3	18	1	0	1	6	2	0	2	12
08:55	5	0	5	30	3	0	3	18	2	0	2	12	1	0	1	6
09:00	4	0	4	24	3	0	3	18	1	0	1	6	2	0	2	12
09:05	1	0	1	6	7	0	7	42	1	0	1	6	3	0	3	18
09:10	0	0	0	0	5	0	5	30	3	0	3	18	1	0	1	6
09:15	1	0	1	6	6	0	6	36	0	0	0	0	2	0	2	12
09:20	1	0	1	6	5	0	5	30	0	0	0	0	1	0	1	6
09:25	2	0	2	12	3	0	3	18	1	0	1	6	1	0	1	6
09:30	1	0	1	6	2	0	2	12	0	0	0	0	1	0	1	6
09:35	1	0	1	6	4	0	4	24	1	0	1	6	1	0	1	6
09:40	0	0	0	0	2	0	2	12	2	0	2	12	1	0	1	6
09:45	2	0	2	12	2	0	2	12	0	0	0	0	2	0	2	12
09:50	0	0	0	0	1	1	2	21	0	0	0	0	1	0	1	6
09:55	1	0	1	6	2	0	2	12	1	0	1	6	1	0	1	6

PM Peak Data:

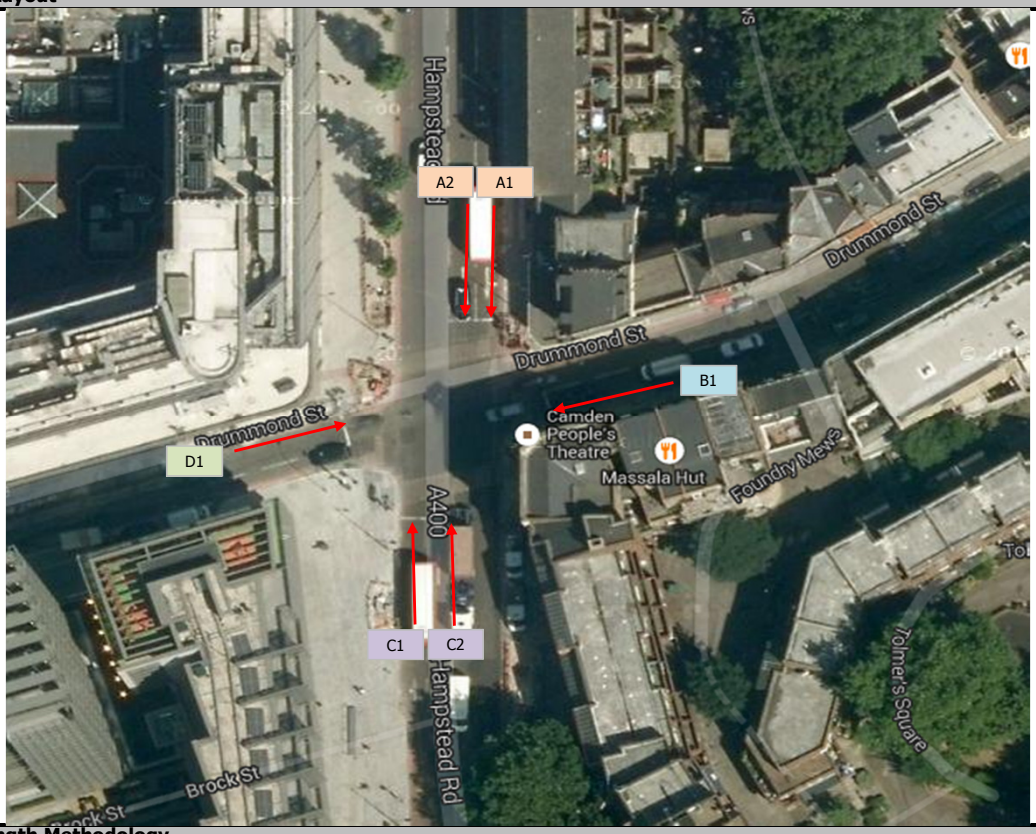
	A1				B1				C1				D1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	1	0	1	6	6	0	6	36	2	0	2	12	2	0	2	12
16:05	2	0	2	12	3	0	3	18	1	0	1	6	1	0	1	6
16:10	2	0	2	12	3	0	3	18	0	0	0	0	2	0	2	12
16:15	1	0	1	6	4	0	4	24	1	0	1	6	1	0	1	6
16:20	1	0	1	6	8	0	8	48	1	0	1	6	3	0	3	18
16:25	3	0	3	18	3	0	3	18	2	0	2	12	5	0	5	30
16:30	1	0	1	6	2	0	2	12	2	0	2	12	1	0	1	6
16:35	1	0	1	6	2	0	2	12	2	0	2	12	2	0	2	12
16:40	1	0	1	6	4	0	4	24	1	0	1	6	2	0	2	12
16:45	1	0	1	6	2	0	2	12	1	0	1	6	3	0	3	18
16:50	0	0	0	0	1	1	2	21	2	0	2	12	3	0	3	18
16:55	2	0	2	12	5	0	5	30	1	0	1	6	2	0	2	12
17:00	2	0	2	12	3	0	3	18	2	0	2	12	2	0	2	12
17:05	1	0	1	6	2	0	2	12	0	0	0	0	2	0	2	12
17:10	0	0	0	0	2	0	2	12	1	0	1	6	1	0	1	6
17:15	2	0	2	12	3	0	3	18	1	0	1	6	2	0	2	12
17:20	1	0	1	6	6	0	6	36	1	0	1	6	2	1	3	27
17:25	0	0	0	0	7	0	7	42	1	0	1	6	1	0	1	6
17:30	2	0	2	12	3	0	3	18	2	0	2	12	5	0	5	30
17:35	2	0	2	12	3	0	3	18	0	1	1	15	2	0	2	12
17:40	0	0	0	0	3	0	3	18	1	0	1	6	2	0	2	12
17:45	1	0	1	6	3	0	3	18	1	0	1	6	2	0	2	12
17:50	2	0	2	12	2	0	2	12	2	0	2	12	1	0	1	6
17:55	1	0	1	6	1	0	1	6	1	0	1	6	1	0	1	6
18:00	3	0	3	18	4	0	4	24	2	0	2	12	1	0	1	6
18:05	1	0	1	6	1	0	1	6	1	0	1	6	1	0	1	6
18:10	1	0	1	6	2	0	2	12	1	0	1	6	1	0	1	6
18:15	0	0	0	0	1	0	1	6	1	0	1	6	2	0	2	12
18:20	1	0	1	6	5	0	5	30	1	0	1	6	2	0	2	12
18:25	1	0	1	6	3	0	3	18	1	0	1	6	0	0	0	0
18:30	1	0	1	6	4	0	4	24	0	0	0	0	1	0	1	6
18:35	1	0	1	6	2	0	2	12	1	0	1	6	1	0	1	6
18:40	1	0	1	6	1	0	1	6	1	0	1	6	1	0	1	6
18:45	2	0	2	12	4	0	4	24	2	0	2	12	1	0	1	6
18:50	2	0	2	12	3	0	3	18	1	0	1	6	1	0	1	6
18:55	1	0	1	6	1	0	1	6	0	0	0	0	1	0	1	6

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 16
Date of Survey: 12.06.2014
Junction Name: Hampstead Road / Drummond Street
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.526481	-0.138687	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queues in B1 are counted up to N Gower St (around 80m away).

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Drummond Street

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres):

Lights	6

Heavies	15

AM Peak Data:

	A1				A2				B1				C1				C2				D1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	0	2	2	30	16	0	16	96	1	0	1	6	1	0	1	6	2	0	2	12	1	0	1	6
07:05	3	1	4	33	9	0	9	54	2	0	2	12	3	0	3	18	2	0	2	12	2	0	2	12
07:10	1	0	1	6	10	1	11	75	2	0	2	12	2	2	4	42	4	1	5	39	1	1	2	21
07:15	1	0	1	6	14	2	16	114	5	0	5	30	0	0	0	0	1	1	2	21	1	1	2	21
07:20	0	2	2	30	17	0	17	102	2	0	2	12	2	0	2	12	1	0	1	6	2	0	2	12
07:25	0	3	3	45	9	2	11	84	1	0	1	6	2	2	4	42	4	0	4	24	3	1	4	33
07:30	0	2	2	30	9	2	11	84	2	0	2	12	1	0	1	6	2	2	4	42	1	0	1	6
07:35	0	2	2	30	8	2	10	78	6	0	6	36	2	2	4	42	4	3	7	69	1	1	2	21
07:40	2	1	3	27	9	1	10	69	4	0	4	24	0	1	1	15	1	1	2	21	3	0	3	18
07:45	2	1	3	27	14	2	16	114	2	0	2	12	1	0	1	6	3	2	5	48	3	0	3	18
07:50	2	0	2	12	8	0	8	48	5	0	5	30	0	0	0	0	1	1	2	21	3	0	3	18
07:55	1	1	2	21	10	4	14	120	4	0	4	24	3	0	3	18	2	0	2	12	3	0	3	18
08:00	1	1	2	21	18	2	20	138	4	0	4	24	0	0	0	0	2	1	3	27	1	0	1	6
08:05	3	1	4	33	10	0	10	60	4	0	4	24	0	1	1	15	4	2	6	54	2	0	2	12
08:10	0	1	1	15	9	0	9	54	4	0	4	24	0	1	1	15	2	1	3	27	3	0	3	18
08:15	0	2	2	30	8	0	8	48	2	0	2	12	0	2	2	30	0	1	1	15	5	0	5	30
08:20	2	1	3	27	13	0	13	78	2	0	2	12	0	0	0	0	2	0	2	12	3	1	4	33
08:25	0	2	2	30	4	1	5	39	4	0	4	24	0	2	2	30	4	1	5	39	2	0	2	12
08:30	0	2	2	30	7	0	7	42	7	1	8	57	0	1	1	15	3	1	4	33	5	0	5	30
08:35	0	1	1	15	10	1	11	75	7	1	8	57	1	0	1	6	2	0	2	12	5	1	6	45
08:40	0	2	2	30	10	0	10	60	8	0	8	48	0	1	1	15	1	0	1	6	4	0	4	24
08:45	1	1	2	21	5	1	6	45	4	2	6	54	1	0	1	6	3	1	4	33	4	1	5	39
08:50	4	1	5	39	14	1	15	99	4	0	4	24	1	0	1	6	0	2	2	30	2	0	2	12
08:55	4	2	6	54	6	2	8	66	5	0	5	30	1	2	3	36	2	1	3	27	3	0	3	18
09:00	0	1	1	15	4	0	4	24	5	0	5	30	0	1	1	15	1	1	2	21	2	0	2	12
09:05	0	1	1	15	6	0	6	36	5	0	5	30	1	1	2	21	1	1	2	21	4	0	4	24
09:10	0	2	2	30	15	2	17	120	7	0	7	42	1	1	2	21	2	0	2	12	3	0	3	18
09:15	1	1	2	21	21	0	21	126	4	0	4	24	2	0	2	12	2	1	3	27	2	1	3	27
09:20	0	1	1	15	8	0	8	48	5	0	5	30	4	2	6	54	2	2	4	42	4	0	4	24
09:25	0	1	1	15	9	0	9	54	6	0	6	36	1	0	1	6	2	1	3	27	3	0	3	18
09:30	0	1	1	15	5	0	5	30	6	0	6	36	1	0	1	6	1	1	2	21	5	0	5	30
09:35	0	0	0	0	14	0	14	84	4	0	4	24	0	2	2	30	1	0	1	6	2	0	2	12
09:40	2	2	4	42	9	0	9	54	2	1	3	27	1	0	1	6	5	1	6	45	2	0	2	12
09:45	1	1	2	21	6	0	6	36	2	1	3	27	0	0	0	0	3	0	3	18	4	0	4	24
09:50	0	1	1	15	7	0	7	42	4	0	4	24	1	1	2	21	3	0	3	18	3	0	3	18
09:55	0	1	1	15	6	0	6	36	3	0	3	18	0	1	1	15	1	1	2	21	5	0	5	30

PM Peak Data:

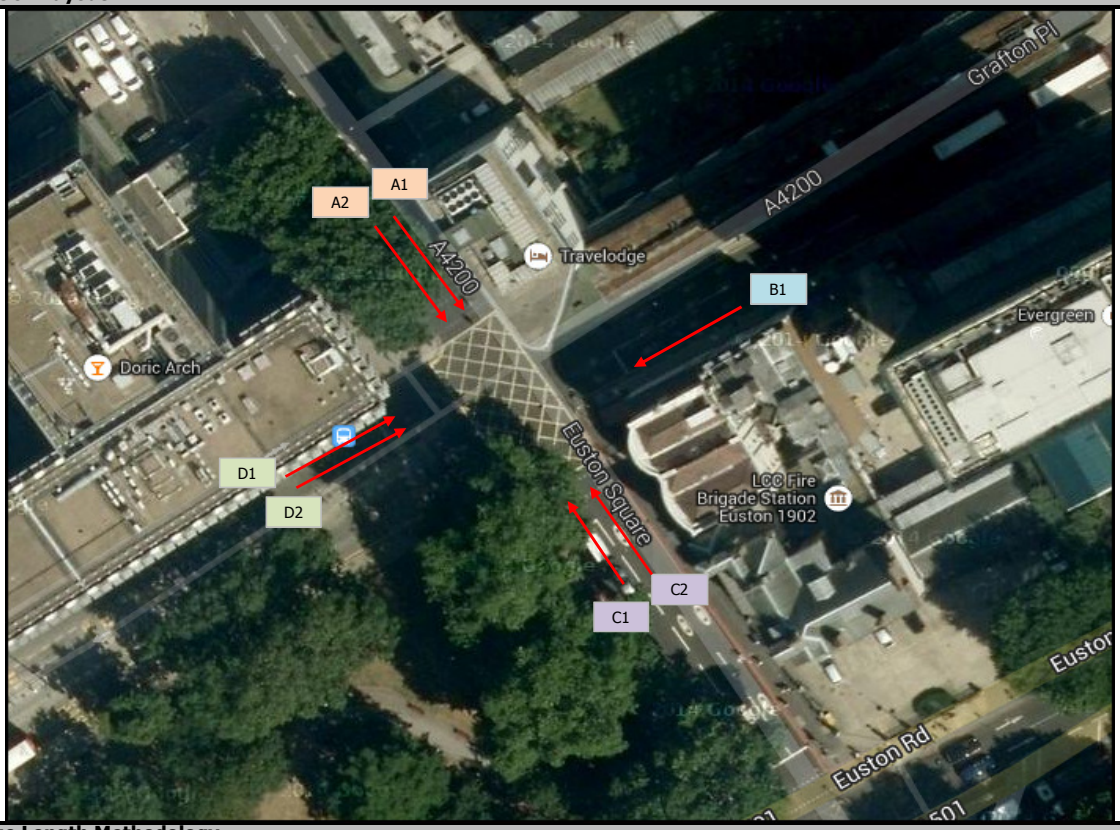
	A1				A2				B1				C1				C2				D1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	3	2	5	48	7	0	7	42	8	0	8	48	1	1	2	21	7	0	7	42	4	0	4	24
16:05	0	2	2	30	6	0	6	36	8	0	8	48	1	1	2	21	3	4	7	78	4	1	5	39
16:10	3	1	4	33	8	0	8	48	13	0	13	78	0	1	1	15	4	2	6	54	7	0	7	42
16:15	0	0	0	0	8	1	9	63	13	0	13	78	3	1	4	33	6	0	6	36	8	0	8	48
16:20	0	3	3	45	8	0	8	48	13	0	13	78	2	0	2	12	7	2	9	72	2	0	2	12
16:25	0	0	0	0	4	0	4	24	13	0	13	78	0	1	1	15	2	0	2	12	4	0	4	24
16:30	0	1	1	15	6	0	6	36	6	0	6	36	0	2	2	30	7	0	7	42	2	0	2	12
16:35	1	0	1	6	9	0	9	54	12	0	12	72	1	0	1	6	7	1	8	57	4	0	4	24
16:40	0	2	2	30	9	0	9	54	12	0	12	72	3	0	3	18	9	0	9	54	3	0	3	18
16:45	1	1	2	21	5	0	5	30	8	0	8	48	3	0	3	18	6	1	7	51	4	0	4	24
16:50	1	0	1	6	4	0	4	24	7	0	7	42	1	1	2	21	7	0	7	42	6	0	6	36
16:55	2	1	3	27	5	0	5	30	12	0	12	72	3	0	3	18	3	0	3	18	4	0	4	24
17:00	3	1	4	33	4	1	5	39	6	0	6	36	1	1	2	21	3	3	6	63	5	0	5	30
17:05	2	0	2	12	7	0	7	42	6	0	6	36	3	0	3	18	4	1	5	39	5	1	6	45
17:10	2	1	3	27	2	2	4	42	5	0	5	30	0	1	1	15	9	1	10	69	4	0	4	24
17:15	2	0	2	12	4	1	5	39	4	0	4	24	0	1	1	15	9	0	9	54	4	0	4	24
17:20	3	0	3	18	5	0	5	30	5	0	5	30	0	1	1	15	6	0	6	36	5	1	6	45
17:25	0	2	2	30	6	0	6	36	9	0	9	54	0	1	1	15	5	0	5	30	10	0	10	60
17:30	0	2	2	30	7	0	7	42	11	1	12	81	1	1	2	21	5	0	5	30	8	0	8	48
17:35	1	1	2	21	6	0	6	36	11	1	12	81	0	1	1	15	5	1	6	45	6	0	6	36
17:40	1	1	2	21	8	0	8	48	4	0	4	24	2	0	2	12	5	0	5	30	5	0	5	30
17:45	1	1	2	21	4	2	6	54	6	0	6	36	1	0	1	6	2	2	4	42	3	0	3	18
17:50	2	0	2	12	10	0	10	60	6	0	6	36	3	0	3	18	10	1	11	75	0	1	1	15
17:55	2	0	2	12	4	0	4	24	8	0	8	48	0	1	1	15	5	1	6	45	5	0	5	30
18:00	0	1	1	15	11	0	11	66	5	0	5	30	1	0	1	6	7	0	7	42	4	0	4	24
18:05	3	0	3	18	8	0	8	48	4	0	4	24	0	1	1	15	8	0	8	48	5	0	5	30
18:10	2	0	2	12	12	0	12	72	8	0	8	48	4	2	6	54	5	1	6	45	6	0	6	36
18:15	3	0	3	18	11	0	11	66	9	0	9	54	1	0	1	6	7	1	8	57	3	1	4	33
18:20	0	1	1	15	4	0	4	24	5	0	5	30	1	1	2	21	5	1	6	45	4	0	4	24
18:25	4	0	4	24	8	0	8	48	8	0	8	48	1	1	2	21	4	1	5	39	3	0	3	18
18:30	1	1	2	21	3	0	3	18	8	0	8	48	0	2	2	30	1	4	5	66	4	0	4	24
18:35	3	0	3	18	6	0	6	36	8	0	8	48	0	1	1	15	4	0	4	24	3	0	3	18
18:40	3	0	3	18	12	0	12	72	9	0	9	54	0	2	2	30	2	0	2	12	4	0	4	24
18:45	0	1	1	15	6	0	6	36	6	0	6	36	1	2	3	36	6	1	7	51	4	0	4	24
18:50	2	0	2	12	5	1	6	45	12	0	12	72	1	1	2	21	5	2	7	60	4	0	4	24
18:55	4	0	4	24	8	0	8	48	9	0	9	54	0	1	1	15	4	0	4	24	5	0	5	30

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 21
Date of Survey: 12.06.2014
Junction Name: Eversholt Street / Grafton Place / Churchway
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.527856	-0.13137	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queue B1 is counted up to Site 116 (around 80m away).

There is a blockage in Arm C by a bus from 17:45-18:00, meaning vehicles can't easily access the stop line.

A van and police car pull over in C1 from 09:00-09:05, causing some congestion in C2.

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Grafton Place / Churchway

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				A2				B1				C1				C2				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	1	1	2	21	0	0	0	0	5	1	6	45	0	0	0	0	1	0	1	6	0	1	1	15	0	2	2	30
07:05	5	0	5	30	0	1	1	15	1	2	3	36	0	0	0	0	0	0	0	0	0	1	1	15	1	3	4	51
07:10	2	2	4	42	1	0	1	6	2	5	7	87	0	0	0	0	0	1	1	15	0	3	3	45	0	2	2	30
07:15	3	1	4	33	0	0	0	0	0	2	2	30	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
07:20	4	0	4	24	1	0	1	6	2	2	4	42	0	0	0	0	1	0	1	6	0	1	1	15	0	3	3	45
07:25	5	2	7	60	2	1	3	27	4	4	8	84	0	0	0	0	0	0	0	0	0	2	2	30	0	3	3	45
07:30	4	0	4	24	1	0	1	6	5	2	7	60	0	0	0	0	1	0	1	6	0	2	2	30	0	3	3	45
07:35	5	0	5	30	0	0	0	0	0	2	2	30	0	0	0	0	0	0	0	0	0	2	2	30	0	3	3	45
07:40	4	0	4	24	0	0	0	0	1	2	3	36	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	60
07:45	7	0	7	42	0	1	1	15	1	2	3	36	0	0	0	0	1	0	1	6	0	1	1	15	0	3	3	45
07:50	3	1	4	33	0	1	1	15	0	3	3	45	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
07:55	5	1	6	45	0	1	1	15	3	1	4	33	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60
08:00	4	2	6	54	0	0	0	0	2	1	3	27	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	30
08:05	3	1	4	33	0	0	0	0	1	1	2	21	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60
08:10	3	0	3	18	0	1	1	15	2	2	4	42	0	0	0	0	1	0	1	6	0	1	1	15	0	3	3	45
08:15	3	0	3	18	0	1	1	15	0	3	3	45	0	0	0	0	2	0	2	12	0	1	1	15	0	3	3	45
08:20	5	0	5	30	0	0	0	0	0	5	5	75	0	0	0	0	0	0	0	0	0	2	2	30	0	1	1	15
08:25	4	2	6	54	0	1	1	15	2	4	6	72	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
08:30	3	1	4	33	2	0	2	12	2	2	4	42	0	1	1	15	0	0	0	0	0	1	1	15	0	4	4	60
08:35	3	1	4	33	3	0	3	18	2	1	3	27	0	0	0	0	1	0	1	6	0	1	1	15	0	3	3	45
08:40	3	1	4	33	0	0	0	0	1	4	5	66	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
08:45	4	1	5	39	0	1	1	15	7	1	8	57	1	0	1	6	1	0	1	6	0	0	0	0	0	4	4	60
08:50	2	2	4	42	0	0	0	0	7	0	7	42	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
08:55	5	0	5	30	0	0	0	0	0	2	2	30	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
09:00	2	0	2	12	8	2	10	78	2	4	6	72	1	0	1	6	1	0	1	6	0	0	0	0	0	4	4	60
09:05	9	0	9	54	0	0	0	0	0	2	2	30	0	1	1	15	3	2	5	48	0	2	2	30	0	2	2	30
09:10	7	1	8	57	0	0	0	0	3	2	5	48	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
09:15	8	0	8	48	0	0	0	0	2	3	5	57	0	0	0	0	0	0	0	0	0	1	1	15	0	2	2	30
09:20	8	0	8	48	0	1	1	15	0	1	1	15	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60
09:25	5	2	7	60	0	1	1	15	2	3	5	57	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60
09:30	7	1	8	57	0	0	0	0	3	0	3	18	0	1	1	15	1	0	1	6	0	0	0	0	0	3	3	45
09:35	6	2	8	66	0	0	0	0	1	3	4	51	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60
09:40	9	0	9	54	0	0	0	0	8	1	9	63	0	0	0	0	1	0	1	6	0	0	0	0	0	2	2	30
09:45	8	2	10	78	2	0	2	12	3	1	4	33	0	0	0	0	1	0	1	6	0	1	1	15	0	4	4	60
09:50	9	1	10	69	2	0	2	12	2	2	4	42	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	60
09:55	7	1	8	57	0	0	0	0	2	2	4	42	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45

PM Peak Data:

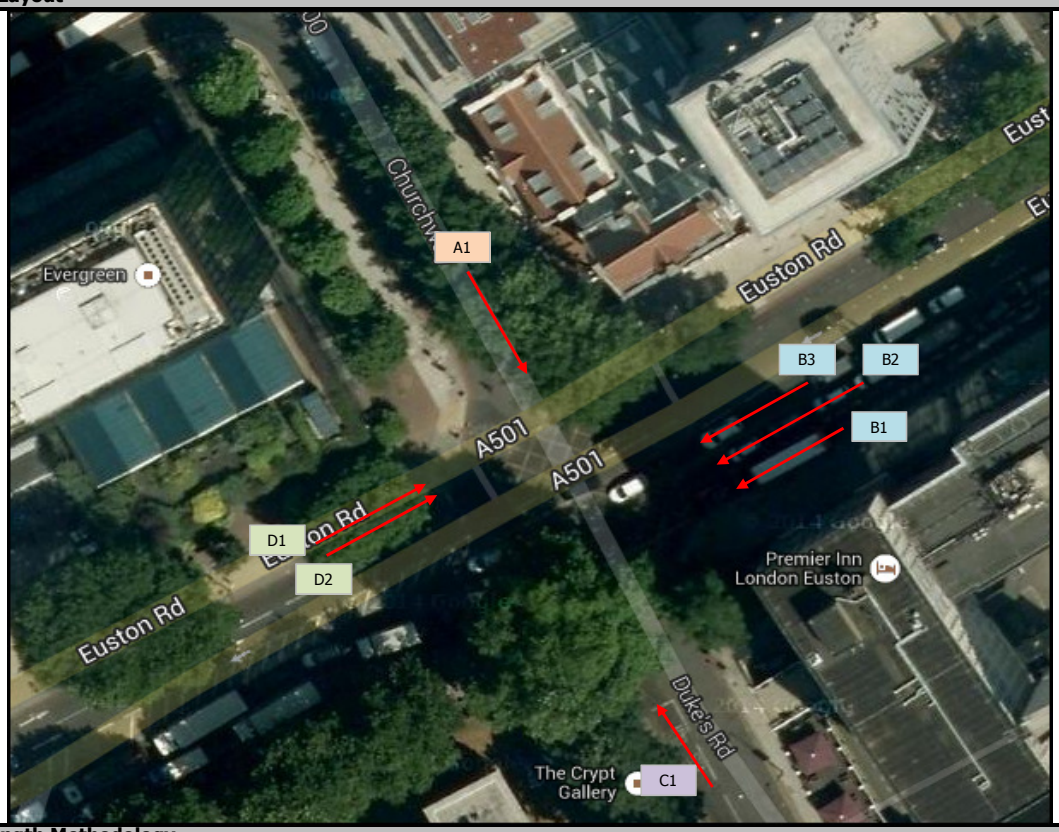
	A1				A2				B1				C1				C2				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	7	0	7	42	0	1	1	15	4	1	5	39	1	0	1	6	1	0	1	6	0	1	1	15	0	3	3	45
16:05	3	0	3	18	0	1	1	15	1	3	4	51	0	0	0	0	1	0	1	6	0	0	0	0	0	2	2	30
16:10	4	0	4	24	0	0	0	0	5	0	5	30	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
16:15	3	2	5	48	0	0	0	0	5	0	5	30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	45
16:20	4	0	4	24	0	0	0	0	3	3	6	63	0	0	0	0	1	0	1	6	0	1	1	15	0	3	3	45
16:25	4	0	4	24	0	0	0	0	5	0	5	30	0	0	0	0	1	0	1	6	0	1	1	15	0	3	3	45
16:30	5	1	6	45	0	0	0	0	7	1	8	57	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
16:35	3	0	3	18	1	1	2	21	4	1	5	39	0	0	0	0	1	0	1	6	0	1	1	15	0	3	3	45
16:40	3	0	3	18	0	0	0	0	3	0	3	18	0	0	0	0	3	0	3	18	1	0	1	6	0	2	2	30
16:45	3	0	3	18	0	0	0	0	0	3	3	45	0	1	1	15	1	0	1	6	0	1	1	15	0	3	3	45
16:50	4	1	5	39	0	0	0	0	3	3	6	63	1	0	1	6	2	0	2	12	0	1	1	15	0	3	3	45
16:55	5	0	5	30	0	0	0	0	4	1	5	39	0	0	0	0	2	0	2	12	0	1	1	15	0	3	3	45
17:00	2	0	2	12	0	0	0	0	5	2	7	60	0	0	0	0	0	0	0	0	0	1	1	15	0	2	2	30
17:05	3	1	4	33	0	1	1	15	4	0	4	24	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	45
17:10	2	1	3	27	0	0	0	0	1	3	4	51	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
17:15	5	0	5	30	0	0	0	0	4	0	4	24	1	0	1	6	0	0	0	0	0	1	1	15	0	4	4	60
17:20	4	0	4	24	0	0	0	0	2	0	2	12	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
17:25	6	0	6	36	0	0	0	0	3	2	5	48	0	0	0	0	2	0	2	12	0	1	1	15	0	3	3	45
17:30	4	0	4	24	2	1	3	27	3	1	4	33	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	60
17:35	7	2	9	72	0	0	0	0	1	1	2	21	0	0	0	0	1	0	1	6	0	1	1	15	0	4	4	60
17:40	4	0	4	24	0	0	0	0	2	1	3	27	0	0	0	0	2	1	3	27	0	0	0	0	0	2	2	30
17:45	5	0	5	30	0	1	1	15	2	2	4	42	0	0	0	0	0	1	1	15	0	0	0	0	0	1	1	15
17:50	6	0	6	36	0	1	1	15	3	2	5	48	0	0	0	0	1	0	1	6	0	1	1	15	0	5	5	75
17:55	4	0	4	24	0	0	0	0	6	0	6	36	0	0	0	0	0	1	1	15	0	1	1	15	0	3	3	45
18:00	16	0	16	96	1	1	2	21	2	0	2	12	0	0	0	0	2	1	3	27	0	1	1	15	0	3	3	45
18:05	6	2	8	66	0	0	0	0	5	2	7	60	0	0	0	0	0	0	0	0	0	2	2	30	0	3	3	45
18:10	7	1	8	57	0	0	0	0	7	2	9	72	0	0	0	0	3	0	3	18	0	1	1	15	0	3	3	45
18:15	6	1	7	51	0	0	0	0	6	2	8	66	0	0	0	0	0	0	0	0	0	1	1	15	0	3	3	45
18:20	8	1	9	63	0	0	0	0	9	2	11	84	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	60
18:25	5	1	6	45	2	2	4	42	4	2	6	54	0	0	0	0	1	0	1	6	0	0	0	0	0	2	2	30
18:30	7	0	7	42	0	0	0	0	5	1	6	45	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60
18:35	6	0	6	36	0	0	0	0	6	2	8	66	1	0	1	6	1	0	1	6	0	1	1	15	0	2	2	30
18:40	10	0	10	60	0	0	0	0	7	2	9	72	0	0	0	0	1	0	1	6	0	1	1	15	0	2	2	30
18:45	4	3	7	69	0	0	0	0	3	3	6	63	1	1	2	21	6	0	6	36	0	1	1	15	0	4	4	60
18:50	7	1	8	57	10	1	11	75	4	2	6	54	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60
18:55	5	3	8	75	7	1	8	57	1	2	3	36	0	0	0	0	0	0	0	0	0	1	1	15	0	4	4	60

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 23
Date of Survey: 12.06.2014
Junction Name: Churchway / Euston Road / Duke's Road
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.527733	-0.129725	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

A1 is counted up to site 116 (around 60m).

Arm B lanes are counted up to site 120 (around 125m).

The view of D1/2 is intermittently blocked by queuing traffic approaching site 24.

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Churchway / Euston Road / Duke's Road

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				B1				B2				B3				C1				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	4	1	5	39	4	1	5	39	12	2	14	102	15	1	16	105	0	0	0	0	0	0	0	0	0	0	0	0
07:05	1	3	4	51	0	2	2	30	14	1	15	99	15	1	16	105	0	0	0	0	0	0	0	0	0	0	0	0
07:10	2	2	4	42	1	1	2	21	10	2	12	90	9	1	10	69	0	0	0	0	2	0	2	12	4	0	4	24
07:15	2	2	4	42	1	3	4	51	10	2	12	90	10	1	11	75	0	0	0	0	2	2	4	42	8	0	8	48
07:20	4	1	5	39	4	0	4	24	13	1	14	93	9	2	11	84	0	0	0	0	1	0	1	6	3	0	3	18
07:25	2	3	5	57	7	0	7	42	13	2	15	108	12	2	14	102	0	0	0	0	2	2	4	42	8	1	9	63
07:30	2	2	4	42	4	2	6	54	12	3	15	117	14	0	14	84	0	0	0	0	2	0	2	12	9	0	9	54
07:35	2	2	4	42	8	0	8	48	14	2	16	114	14	0	14	84	0	0	0	0	2	0	2	12	0	1	1	15
07:40	2	3	5	57	4	2	6	54	11	4	15	126	13	1	14	93	0	0	0	0	2	0	2	12	5	1	6	45
07:45	1	3	4	51	4	0	4	24	11	4	15	126	10	2	12	90	0	0	0	0	3	0	3	18	2	1	3	27
07:50	1	3	4	51	3	1	4	33	16	1	17	111	15	0	15	90	0	0	0	0	0	0	0	0	0	0	0	0
07:55	1	3	4	51	6	2	8	66	12	3	15	117	14	0	14	84	0	0	0	0	0	0	0	0	6	0	6	36
08:00	2	2	4	42	3	1	4	33	10	2	12	90	12	0	12	72	0	0	0	0	2	0	2	12	2	0	2	12
08:05	2	3	5	57	3	0	3	18	12	3	15	117	15	0	15	90	0	0	0	0	0	0	0	0	0	0	0	0
08:10	2	3	5	57	3	1	4	33	10	2	12	90	14	1	15	99	0	0	0	0	1	0	1	6	5	0	5	30
08:15	0	4	4	60	3	2	5	48	15	0	15	90	16	0	16	96	0	0	0	0	6	0	6	36	6	0	6	36
08:20	5	1	6	45	6	2	8	66	10	1	11	75	8	3	11	93	0	0	0	0	3	0	3	18	3	1	4	33
08:25	0	2	2	30	3	2	5	48	9	1	10	69	8	2	10	78	0	0	0	0	0	0	0	0	2	0	2	12
08:30	5	2	7	60	3	1	4	33	14	2	16	114	14	0	14	84	0	0	0	0	0	1	1	15	0	0	0	0
08:35	1	3	4	51	8	1	9	63	16	0	16	96	15	0	15	90	0	0	0	0	0	0	0	0	0	0	0	0
08:40	2	2	4	42	6	0	6	36	12	3	15	117	14	2	16	114	0	0	0	0	2	0	2	12	0	0	0	0
08:45	2	2	4	42	6	0	6	36	15	1	16	105	13	1	14	93	0	0	0	0	4	2	6	54	6	0	6	36
08:50	1	3	4	51	2	2	4	42	15	1	16	105	12	3	15	117	0	0	0	0	10	0	10	60	9	1	10	69
08:55	1	3	4	51	5	0	5	30	17	0	17	102	14	2	16	114	0	0	0	0	0	1	1	15	0	0	0	0
09:00	2	3	5	57	6	0	6	36	16	0	16	96	15	0	15	90	0	0	0	0	3	1	4	33	0	0	0	0
09:05	1	2	3	36	8	2	10	78	12	3	15	117	14	1	15	99	0	0	0	0	2	0	2	12	4	1	5	39
09:10	6	1	7	51	4	1	5	39	12	3	15	117	10	1	11	75	0	0	0	0	5	1	6	45	5	1	6	45
09:15	3	2	5	48	5	1	6	45	12	3	15	117	11	1	12	81	0	0	0	0	4	1	5	39	4	0	4	24
09:20	5	2	7	60	10	1	11	75	12	3	15	117	13	1	14	93	0	0	0	0	3	0	3	18	5	1	6	45
09:25	4	2	6	54	14	1	15	99	12	3	15	117	14	2	16	114	0	0	0	0	3	1	4	33	5	0	5	30
09:30	0	4	4	60	10	1	11	75	16	0	16	96	15	1	16	105	0	0	0	0	8	1	9	63	6	0	6	36
09:35	0	4	4	60	12	1	13	87	17	0	17	102	14	2	16	114	0	0	0	0	0	0	0	0	5	0	5	30
09:40	1	3	4	51	9	1	10	69	12	3	15	117	15	1	16	105	0	0	0	0	2	2	4	42	5	0	5	30
09:45	4	2	6	54	7	1	8	57	12	3	15	117	14	1	15	99	0	0	0	0	2	0	2	12	7	2	9	72
09:50	0	4	4	60	5	1	6	45	13	2	15	108	8	3	11	93	0	0	0	0	0	0	0	0	0	0	0	0
09:55	1	3	4	51	3	1	4	33	11	2	13	96	10	1	11	75	0	0	0	0	9	0	9	54	9	0	9	54

PM Peak Data:

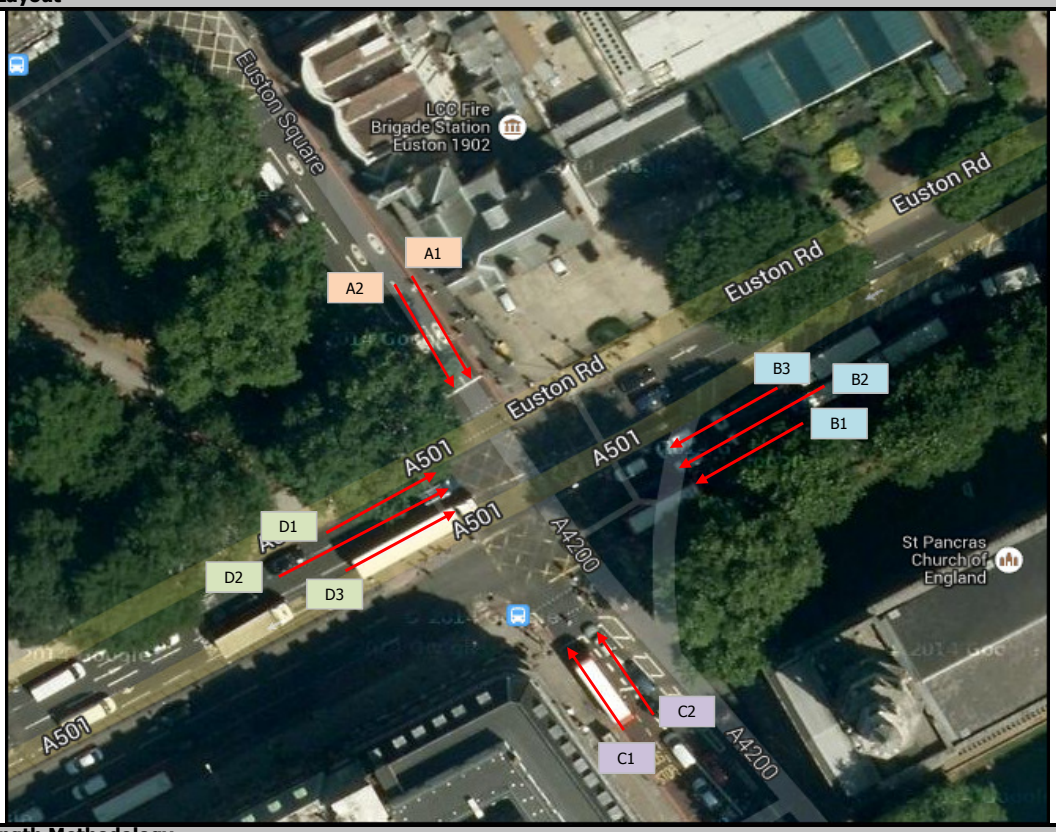
	A1				B1				B2				B3				C1				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	4	1	5	39	6	1	7	51	15	1	16	105	13	1	14	93	0	0	0	0	7	0	7	42	10	0	10	60
16:05	0	3	3	45	6	0	6	36	12	3	15	117	14	2	16	114	0	0	0	0	6	1	7	51	8	0	8	48
16:10	3	2	5	48	4	2	6	54	14	2	16	114	10	2	12	90	0	0	0	0	5	0	5	30	2	1	3	27
16:15	4	1	5	39	10	1	11	75	16	0	16	96	12	1	13	87	0	0	0	0	5	1	6	45	7	0	7	42
16:20	5	1	6	45	8	1	9	63	15	1	16	105	14	1	15	99	0	0	0	0	6	0	6	36	4	1	5	39
16:25	1	3	4	51	15	1	16	105	16	1	17	111	14	1	15	99	0	0	0	0	4	3	7	69	9	1	10	69
16:30	0	4	4	60	16	1	17	111	15	0	15	90	12	1	13	87	0	0	0	0	3	1	4	33	8	0	8	48
16:35	1	3	4	51	13	1	14	93	15	2	17	120	11	2	13	96	0	0	0	0	6	1	7	51	9	0	9	54
16:40	2	3	5	57	11	1	12	81	15	0	15	90	13	0	13	78	2	0	2	12	6	0	6	36	7	0	7	42
16:45	3	3	6	63	8	2	10	78	16	0	16	96	13	2	15	108	0	0	0	0	6	1	7	51	9	0	9	54
16:50	3	2	5	48	8	1	9	63	17	0	17	102	12	2	14	102	0	0	0	0	10	3	13	105	10	0	10	60
16:55	2	3	5	57	2	1	3	27	14	1	15	99	14	0	14	84	0	0	0	0	6	1	7	51	6	0	6	36
17:00	4	3	7	69	7	2	9	72	15	2	17	120	9	0	9	54	0	0	0	0	6	1	7	51	6	0	6	36
17:05	2	3	5	57	6	2	8	66	16	0	16	96	9	2	11	84	0	0	0	0	8	0	8	48	7	0	7	42
17:10	0	4	4	60	8	1	9	63	17	0	17	102	14	0	14	84	0	0	0	0	1	0	1	6	0	1	1	15
17:15	1	3	4	51	5	1	6	45	16	0	16	96	10	1	11	75	0	0	0	0	2	0	2	12	3	0	3	18
17:20	1	3	4	51	4	0	4	24	12	3	15	117	11	1	12	81	0	0	0	0	4	0	4	24	3	0	3	18
17:25	2	2	4	42	3	1	4	33	17	0	17	102	14	0	14	84	0	0	0	0	1	0	1	6	1	0	1	6
17:30	4	2	6	54	8	2	10	78	15	2	17	120	12	2	14	102	0	0	0	0	4	0	4	24	1	0	1	6
17:35	1	3	4	51	9	1	10	69	15	1	16	105	11	2	13	96	0	0	0	0	0	0	0	0	0	0	0	0
17:40	1	3	4	51	8	0	8	48	16	0	16	96	10	2	12	90	0	0	0	0	6	4	10	96	4	0	4	24
17:45	1	3	4	51	10	2	12	90	17	0	17	102	12	0	12	72	1	0	1	6	0	1	1	15	4	0	4	24
17:50	3	2	5	48	8	1	9	63	18	0	18	108	15	0	15	90	0	0	0	0	5	0	5	30	5	0	5	30
17:55	2	3	5	57	12	2	14	102	17	0	17	102	13	0	13	78	1	0	1	6	4	1	5	39	8	0	8	48
18:00	2	3	5	57	10	3	13	105	17	0	17	102	11	0	11	66	0	0	0	0	9	0	9	54	11	0	11	66
18:05	5	1	6	45	8	1	9	63	15	0	15	90	7	3	10	87	0	0	0	0	5	0	5	30	5	0	5	30
18:10	1	4	5	66	10	1	11	75	18	0	18	108	14	0	14	84	0	0	0	0	9	0	9	54	10	0	10	60
18:15	1	4	5	66	15	1	16	105	14	1	15	99	12	1	13	87	0	0	0	0	4	0	4	24	5	0	5	30
18:20	1	4	5	66	9	1	10	69	16	0	16	96	14	0	14	84	0	0	0	0	6	0	6	36	9	0	9	54
18:25	2	4	6	72	11	0	11	66	16	0	16	96	12	1	13	87	0	0	0	0	3	0	3	18	4	0	4	24
18:30	5	2	7	60	12	1	13	87	15	1	16	105	13	1	14	93	0	0	0	0	3	0	3	18	3	0	3	18
18:35	5	1	6	45	10	0	10	60	16	1	17	111	14	1	15	99	0	0	0	0	3	0	3	18	3	0	3	18
18:40	2	3	5	57	3	0	3	18	17	0	17	102	13	1	14	93	1	0	1	6	6	0	6	36	3	0	3	18
18:45	0	4	4	60	9	1	10	69	15	0	15	90	8	0	8	48	0	0	0	0	3	0	3	18	0	0	0	0
18:50	2	3	5	57	7	2	9	72	18	0	18	108	7	1	8	57	0	0	0	0	3	0	3	18	3	0	3	18
18:55	3	2	5	48	6	1	7	51	17	0	17	102	13	1	14	93	0	0	0	0	0	0	0	0	5	0	5	30

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 24
Date of Survey: 12.06.2014
Junction Name: Euston Road / Upper Woburn Place / Euston Square
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.527322	-0.130807	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queues in Arm A are counted up to Site 21 (around 60m away).

Queues in Arm B are counted up to Site 23 (around 70m away).

There is a bus stopped in lane C1 from 17:35-17:45.

Queues in Arm D are counted up to Site 25 (around 90m away).

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Upper Woburn Place / Euston Square
Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				A2				B1				B2				B3				C1				C2				D1				D2				D3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	4	1	5	39	0	1	1	15	4	1	5	39	4	3	7	69	9	1	10	69	4	2	6	54	15	0	15	90	2	0	2	12	5	1	6	45	9	2	11	84
07:05	3	1	4	33	1	0	1	6	7	2	9	72	7	2	9	72	12	0	12	72	6	4	10	96	11	2	13	96	2	1	3	27	2	1	3	27	12	1	13	87
07:10	2	1	3	27	0	2	2	30	3	0	3	18	9	1	10	69	11	0	11	66	2	2	4	42	8	3	11	93	3	0	3	18	7	1	8	57	11	1	12	81
07:15	3	1	4	33	2	0	2	12	2	2	4	42	4	3	7	69	9	1	10	69	2	2	4	42	9	4	13	114	4	1	5	39	6	1	7	51	12	0	12	72
07:20	3	0	3	18	2	1	3	27	1	2	3	36	6	2	8	66	11	0	11	66	0	4	4	60	8	2	10	78	4	0	4	24	1	1	2	21	10	2	12	90
07:25	2	2	4	42	3	1	4	33	2	2	4	42	7	2	9	72	9	0	9	54	1	4	5	66	10	2	12	90	4	0	4	24	5	0	5	30	11	1	12	81
07:30	2	3	5	57	3	1	4	33	6	1	7	51	7	2	9	72	10	1	11	75	3	2	5	48	7	0	7	42	1	0	1	6	3	0	3	18	13	0	13	78
07:35	2	2	4	42	4	0	4	24	4	3	7	69	7	2	9	72	10	1	11	75	2	3	5	57	14	1	15	99	1	0	1	6	1	1	2	21	10	2	12	90
07:40	2	0	2	12	4	0	4	24	7	1	8	57	7	2	9	72	9	1	10	69	6	3	9	81	13	3	16	123	1	0	1	6	1	0	1	6	8	1	9	63
07:45	2	2	4	42	4	0	4	24	7	1	8	57	4	3	7	69	10	0	10	60	4	4	8	84	18	0	18	108	1	0	1	6	2	0	2	12	11	0	11	66
07:50	3	1	4	33	3	0	3	18	9	1	10	69	4	3	7	69	10	1	11	75	1	2	3	36	11	0	11	66	1	0	1	6	1	0	1	6	12	0	12	72
07:55	0	1	1	15	3	1	4	33	2	4	6	72	12	0	12	72	12	0	12	72	0	3	3	45	10	1	11	75	0	0	0	0	3	0	3	18	5	4	9	90
08:00	3	1	4	33	3	0	3	18	4	3	7	69	7	2	9	72	10	1	11	75	1	4	5	66	9	4	13	114	2	0	2	12	3	0	3	18	5	4	9	90
08:05	3	1	4	33	0	0	0	0	8	1	9	63	4	3	7	69	11	0	11	66	3	3	6	63	14	1	15	99	1	0	1	6	3	1	4	33	7	2	9	72
08:10	3	0	3	18	1	1	2	21	4	3	7	69	4	3	7	69	7	2	9	72	3	4	7	78	13	2	15	108	3	0	3	18	3	0	3	18	5	0	5	30
08:15	2	1	3	27	2	0	2	12	1	3	4	51	12	0	12	72	12	0	12	72	3	3	6	63	20	0	20	120	2	0	2	12	1	1	2	21	5	2	7	60
08:20	1	1	2	21	2	0	2	12	5	1	6	45	9	1	10	69	11	0	11	66	4	1	5	39	11	0	11	66	1	1	2	21	0	2	2	30	7	3	10	87
08:25	3	1	4	33	1	0	1	6	6	1	7	51	4	3	7	69	7	1	8	57	1	3	4	51	12	2	14	102	1	0	1	6	1	0	1	6	5	0	5	30
08:30	0	1	1	15	3	0	3	18	7	1	8	57	7	2	9	72	10	1	11	75	2	2	4	42	15	2	17	120	1	0	1	6	3	1	4	33	12	0	12	72
08:35	2	2	4	42	6	0	6	36	8	0	8	48	9	1	10	69	10	1	11	75	3	1	4	33	15	2	17	120	1	0	1	6	3	1	4	33	11	1	12	81
08:40	3	2	5	48	2	0	2	12	4	3	7	69	3	4	7	78	10	0	10	60	1	2	3	36	6	2	8	66	1	0	1	6	2	0	2	12	13	0	13	78
08:45	2	1	3	27	3	0	3	18	4	3	7	69	9	1	10	69	11	0	11	66	2	1	3	27	5	0	5	30	1	1	2	21	3	0	3	18	11	1	12	81
08:50	5	1	6	45	5	0	5	30	9	1	10	69	9	1	10	69	10	0	10	60	1	1	2	21	13	2	15	108	0	0	0	0	1	1	2	21	11	1	12	81
08:55	1	3	4	51	6	0	6	36	8	2	10	78	12	0	12	72	12	0	12	72	2	2	4	42	14	1	15	99	2	0	2	12	4	0	4	24	12	1	13	87
09:00	3	2	5	48	3	0	3	18	3	4	7	78	7	2	9	72	10	0	10	60	5	4	9	90	10	2	12	90	2	0	2	12	5	1	6	45	10	2	12	90
09:05	3	2	5	48	7	0	7	42	12	0	12	72	10	1	11	75	12	0	12	72	3	5	8	93	15	1	16	105	8	1	9	63	11	0	11	66	11	1	12	81
09:10	2	2	4	42	3	0	3	18	11	0	11	66	7	2	9	72	12	0	12	72	3	2	5	48	16	1	17	111	2	1	3	27	1	2	3	36	10	1	11	75
09:15	1	2	3	36	4	0	4	24	7	2	9	72	7	2	9	72	11	0	11	66	3	3	6	63	13	1	14	93	4	0	4	24	3	0	3	18	11	1	12	81
09:20	6	1	7	51	1	1	2	21	5	3	8	75	4	3	7	69	10	0	10	60	0	3	3	45	14	1	15	99	1	0	1	6	2	1	3	27	5	4	9	90
09:25	5	1	6	45	6	0	6	36	10	1	11	75	10	1	11	75	3	4	7	78	2	5	7	87	14	1	15	99	11	0	11	66	5	0	5	30	12	1	13	87
09:30	3	2	5	48	6	0	6	36	12	0	12	72	10	1	11	75	9	1	10	69	6	3	9	81	13	0	13	78	2	0	2	12	3	0	3	18	15	0	15	90
09:35	3	0	3	18	7	1	8	57	4	3	7	69	7	2	9	72	6	2	8	66	9	3	12	99	9	2	11	84	5	0	5	30	7	0	7	42	10	2	12	90
09:40	8	0	8	48	0	0	0	0	7	2	9	72	10	1	11	75	10	0	10	60	6	1	7	51	14	0	14	84	1	1	2	21	5	1	6	45	12	1	13	87
09:45	2	3	5	57	6	0	6	36	7	2	9	72	4	3	7	69	12	0	12	72	1	5	6	81	14	2	16	114	1	1	2	21	3	0	3	18	8	3	11	93
09:50	0	4	4	60	5	0	5	30	7	2	9	72	7	2	9	72	10	1	11	75	9	4	13	114	16	1	17	111	1	1	2	21	1	1	2	21	11	1	12	81
09:55	2	3	5	57	3	1	4	33	5	2	7	60	7	1	8	57	6	1	7	51	9	3	12	99	14	2	16	114	3	0	3	18	7	1	8	57	13	0	13	78

PM Peak Data:

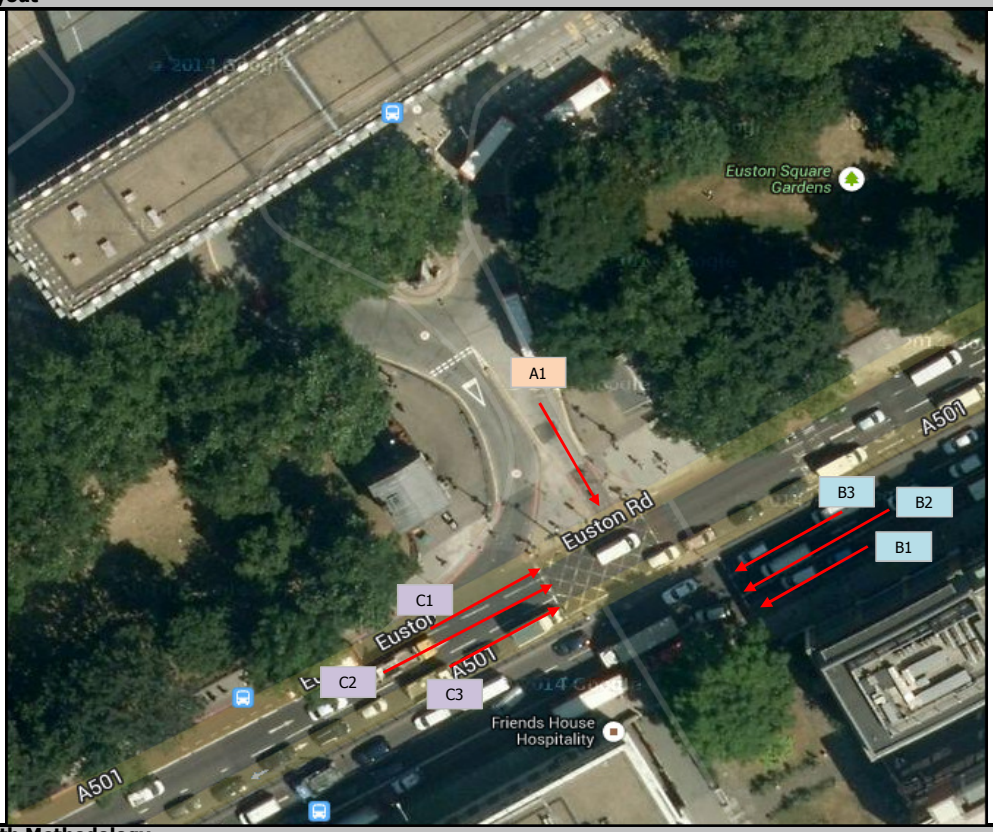
	A1				A2				B1				B2				B3				C1				C2				D1				D2				D3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	3	1	4	33	3	0	3	18	5	3	8	75	9	1	10	69	10	1	11	75	6	2	8	66	16	1	17	111	14	0	14	84	15	0	15	90	5	0	5	30
16:05	2	1	3	27	1	0	1	6	5	3	8	75	10	1	11	75	12	0	12	72	6	0	6	36	18	0	18	108	13	0	13	78	12	1	13	87	6	1	7	51
16:10	4	1	5	39	3	2	5	48	10	1	11	75	10	1	11	75	10	1	11	75	2	3	5	57	17	0	17	102	13	1	14	93	12	0	12	72	10	0	10	60
16:15	3	0	3	18	1	0	1	6	5	3	8	75	7	2	9	72	10	1	11	75	3	3	6	63	18	0	18	108	15	0	15	90	13	0	13	78	4	0	4	24
16:20	3	2	5	48	3	0	3	18	10	1	11	75	10	1	11	75	10	0	10	60	2	1	3	27	15	2	17	120	13	1	14	93	13	0	13	78	4	1	5	39
16:25	2	2	4	42	1	0	1	6	5	3	8	75	10	1	11	75	11	0	11	66	1	2	3	36	14	1	15	99	10	1	11	75	8	1	9	63	8	0	8	48
16:30	3	1	4	33	2	0	2	12	7	2	9	72	10	1	11	75	12	0	12	72	0	4	4	60	18	0	18	108	11	1	12	81	9	0	9	54	9	1	10	69
16:35	1	1	2	21	2	0	2	12	7	2	9	72	12	0	12	72	10	0	10	60	4	1	5	39	15	1	16	105	13	1	14	93	11	1	12	81	6	1	7	51
16:40	1	1	2	21	2	0	2	12	7	2	9	72	12	0	12	72	10	1	11	75	6	2	8	66	17	0	17	102	13	1	14	93	9	1	10	69	7	0	7	42
16:45	1	1	2	21	4	0	4	24	7	2	9	72	10	1	11	75	11	0	11	66	2	6	8	102	18	0	18	108	10	2	12	90	15	0	15	90	9	0	9	54
16:50	3	1	4	33	2	1	3	27	5	3	8	75	12	0	12	72	12	0	12	72	4	3	7	69	16	0	16	96	8	1	9	63	9	1	10	69	2	0	2	12
16:55	0	2	2	30	0	0	0	0	3	4	7	78	12	0	12	72	12	0	12	72	0	1	1	15	14	2	16	114	10	2	12	90	13	0	13	78	4	1	5	39
17:00	0	1	1	15	1	0	1	6	12	0	12	72	12	0	12	72	12	0	12	72	2	2	4	42	13	2	15	108	15	0	15	90	14	0	14	84	5	0	5	30
17:05	1	1	2	21	4	0	4	24	5	2	7	60	7	2	9	72	12	0	12	72	3	1	4	33	15	1	16	105	12	1	13	87	12	1	13	87	5	0	5	30
17:10	0	3	3	45	1	0	1	6	10	1	11	75	12	0	12	72	10	1	11	75	0	2	2	30	14	2	16	114	12	0	12	72	10	1	11	75	3	0	3	18
17:15	1	1	2	21	4	0	4	24	10	1	11	75	12	0	12	72	12	0	12	72	3	3	6	63	16	1	17	111	15	0	15	90	15	0	15	90	4	0	4	24
17:20	1	0	1	6	4	1	5	39	7	2	9	72	12	0	12	72	10	1	11	75	4	2	6	54	17	1	18	117	15	0	15	90	10	0	10	60	1	0	1	6
17:25	4	1	5	39	4	0	4	24	12	0	12	72	7	2	9	72	10	1	11	75	7	2	9	72	15	2	17	120	6	1	7	51	9	1	10	69	8	1	9	63
17:30	2	0	2	12	2	0	2	12	10	1	11	75	12	0	12	72	12	0	12	72	3	1	4	33	16	1	17	111	14	0	14	84	9	0	9	54	10	2	12	90
17:35	2	2	4	42	1	0	1	6	3	4	7	78	10	1	11	75	12	0	12	72	0	0	0	0	18	0	18	108	7	0	7	42	6	0	6	36	10	2	12	90
17:40	2	0	2	12	1	0	1	6	5	3	8	75	12	0	12	72	10	0	10	60	0	0	0	0	15	1	16	105	11	1	12	81	13	0	13	78	7	0	7	42
17:45	3	2	5	48	1	0	1	6	3	4	7	78	12	0	12	72	12	0	12	72	2	5	7	87	17	0	17	102	9	2	11	84	10	0	10	60	4	0	4	24
17:50	0	3	3	45	0	0	0	0	5	3	8	75	12	0	12	72	12	0	12	72	2	2	4	42	12	3	15	117	14	0	14	84	12	0	12	72	11	0	11	66
17:55	0	3	3	45	2	0	2	12	5	3	8	75	12	0	12	72	10	1	11	75	0	4	4	60	13	3	16	123	15	0	15	90	10	1	11	75	6	0	6	36
18:00	7	0	7	42	2	0	2	12	5	3	8	75	12	0	12	72	12	0	12	72	6	1	7	51	15	1	16	105	13	1	14	93	9	0	9	54	8	1	9	63
18:05	3	3	6	63	3	2	5	48	5	3	8	75	10	1	11	75	12	0	12	72	2	1	3	27	14	2	16	114	13	1	14	93	10	1	11	75	12	0	12	72
18:10	2	3	5	57	3	2	5	48	7	2	9	72	11	0	11	66	10	1	11	75	1	4	5	66	15	2	17	120	15	0	15	90	11	0	11	66	6	0	6	36
18:15	5	2	7	60	6	0	6	36	8	1	9	63	12	0	12	72	12	0	12	72	1	2	3	36	18	0	18	108	5	1	6	45	9	0	9	54	8	2	10	78
18:20	6	0	6	36	4	1	5	39	10	1	11	75	7	2	9	72	12	0	12	72	1	2	3	36	15	1	16	105	9	1	10	69	11	0	11	66	12	0	12	72
18:25	6	0	6	36	5	0	5	30	5	3	8	75	12	0	12	72	12	0	12	72	6	1	7	51	17	0	17	102	8	0	8	48	7	0	7	42	15	0	15	90
18:30	4	1	5	39	5	1	6	45	5	3	8	75	12	0	12	72	12	0	12	72	2	4	6	72	17	2	19	132	4	0	4	24	6	0	6	36	11	1	12	81
18:35	4	1	5	39	3	1	4	33	10	1	11	75	10	1	11	75	12	0	12	72	3	2	5	48	12	2	14	102	7	0	7	42	8	0	8	48	14	0	14	84
18:40	3	1	4	33	5	0	5	30	5	3	8	75	10	1	11	75	12	0	12	72	4	0	4	24	18	0	18	108	6	0	6	36	4	0	4	24	12	1	13	87
18:45	2	1	3	27	5	1	6	45	12	0	12	72	12	0	12	72	12	0	12	72	1	1	2	21	17	0	17	102	5	0	5	30	5	0	5	30	11	1	12	81
18:50	2	3	5	57	3	0	3	18	5	3	8	75	12	0	12	72	12	0	12	72	4	0	4	24	12	0	12	72	6	0	6	36	7	0	7	42	12	1	13	87
18:55	6	1	7	51	4	0	4	24	7	2	9	72	10	1	11	75	12	0	12	72	1	3	4	51	18	0	18	108	5	0	5	30	5	0	5	30	14	0	14	84

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 25
Date of Survey: 12.06.2014
Junction Name: Euston Road / Euston Square Gardens
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.526817	-0.132225	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queues in Arm B are counted up to Site 24 (around 90m away).

Queues in Arm C are counted up to Site 26 (around 100m away).

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Euston Square Gardens

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				B1				B2				B3				C1				C2				C3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	0	1	1	15	0	0	0	0	1	0	1	6	3	0	3	18	4	1	5	39	6	3	9	81	4	0	4	24
07:05	0	1	1	15	0	0	0	0	2	0	2	12	1	0	1	6	1	0	1	6	10	1	11	75	8	1	9	63
07:10	0	0	0	0	1	0	1	6	0	0	0	0	2	0	2	12	1	0	1	6	13	0	13	78	11	1	12	81
07:15	0	0	0	0	0	0	0	0	3	0	3	18	3	0	3	18	3	1	4	33	12	1	13	87	13	0	13	78
07:20	0	0	0	0	0	0	0	0	2	0	2	12	2	0	2	12	0	3	3	45	14	0	14	84	11	1	12	81
07:25	0	0	0	0	0	0	0	0	12	1	13	87	8	0	8	48	4	1	5	39	15	1	16	105	10	0	10	60
07:30	0	1	1	15	0	0	0	0	8	3	11	93	6	0	6	36	0	1	1	15	9	0	9	54	9	1	10	69
07:35	0	1	1	15	1	0	1	6	13	1	14	93	8	0	8	48	2	1	3	27	11	0	11	66	11	0	11	66
07:40	0	1	1	15	1	1	2	21	13	0	13	78	10	0	10	60	1	2	3	36	8	0	8	48	13	0	13	78
07:45	1	1	2	21	0	1	1	15	1	1	2	21	6	0	6	36	3	2	5	48	7	0	7	42	10	0	10	60
07:50	0	1	1	15	1	0	1	6	5	4	9	90	8	0	8	48	0	1	1	15	6	0	6	36	9	0	9	54
07:55	0	0	0	0	0	1	1	15	2	0	2	12	4	0	4	24	4	0	4	24	8	0	8	48	2	0	2	12
08:00	0	1	1	15	0	1	1	15	3	0	3	18	7	0	7	42	1	0	1	6	3	0	3	18	1	1	2	21
08:05	0	1	1	15	5	1	6	45	10	2	12	90	11	0	11	66	2	2	4	42	2	2	4	42	2	1	3	27
08:10	0	0	0	0	1	0	1	6	5	0	5	30	8	0	8	48	2	1	3	27	4	0	4	24	2	0	2	12
08:15	0	1	1	15	1	0	1	6	12	1	13	87	10	0	10	60	2	4	6	72	5	0	5	30	2	2	4	42
08:20	0	0	0	0	0	1	1	15	13	0	13	78	7	0	7	42	1	0	1	6	3	0	3	18	0	1	1	15
08:25	0	2	2	30	0	1	1	15	8	3	11	93	8	1	9	63	1	2	3	36	4	2	6	54	1	1	2	21
08:30	0	2	2	30	0	0	0	0	8	0	8	48	10	0	10	60	2	2	4	42	6	0	6	36	1	0	1	6
08:35	0	1	1	15	0	0	0	0	12	1	13	87	13	0	13	78	3	1	4	33	6	1	7	51	8	0	8	48
08:40	0	1	1	15	4	0	4	24	8	3	11	93	15	0	15	90	3	2	5	48	4	0	4	24	4	1	5	39
08:45	0	1	1	15	3	0	3	18	8	3	11	93	12	0	12	72	2	0	2	12	5	0	5	30	2	0	2	12
08:50	0	1	1	15	0	0	0	0	12	1	13	87	10	0	10	60	2	0	2	12	8	0	8	48	3	1	4	33
08:55	0	0	0	0	3	0	3	18	8	1	9	63	11	0	11	66	2	2	4	42	7	0	7	42	7	1	8	57
09:00	0	0	0	0	1	0	1	6	4	0	4	24	14	0	14	84	3	1	4	33	14	1	15	99	6	0	6	36
09:05	0	0	0	0	2	0	2	12	2	1	3	27	11	0	11	66	5	0	5	30	15	0	15	90	5	1	6	45
09:10	0	0	0	0	2	0	2	12	4	0	4	24	2	0	2	12	3	0	3	18	12	2	14	102	6	0	6	36
09:15	0	0	0	0	5	1	6	45	8	2	10	78	8	0	8	48	4	0	4	24	9	2	11	84	6	1	7	51
09:20	0	1	1	15	0	0	0	0	8	3	11	93	4	0	4	24	5	0	5	30	10	3	13	105	9	1	10	69
09:25	0	1	1	15	0	1	1	15	2	0	2	12	2	0	2	12	2	0	2	12	11	1	12	81	6	1	7	51
09:30	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6	36	3	0	3	18	12	0	12	72	13	1	14	93
09:35	0	1	1	15	0	0	0	0	1	0	1	6	8	0	8	48	4	0	4	24	10	2	12	90	14	1	15	99
09:40	0	1	1	15	1	0	1	6	2	1	3	27	5	0	5	30	4	1	5	39	12	0	12	72	10	0	10	60
09:45	0	0	0	0	2	0	2	12	0	1	1	15	2	0	2	12	3	4	7	78	13	0	13	78	9	1	10	69
09:50	0	1	1	15	1	0	1	6	2	0	2	12	1	0	1	6	5	1	6	45	11	2	13	96	11	1	12	81
09:55	0	1	1	15	0	1	1	15	0	0	0	0	5	0	5	30	3	0	3	18	13	1	14	93	12	0	12	72

PM Peak Data:

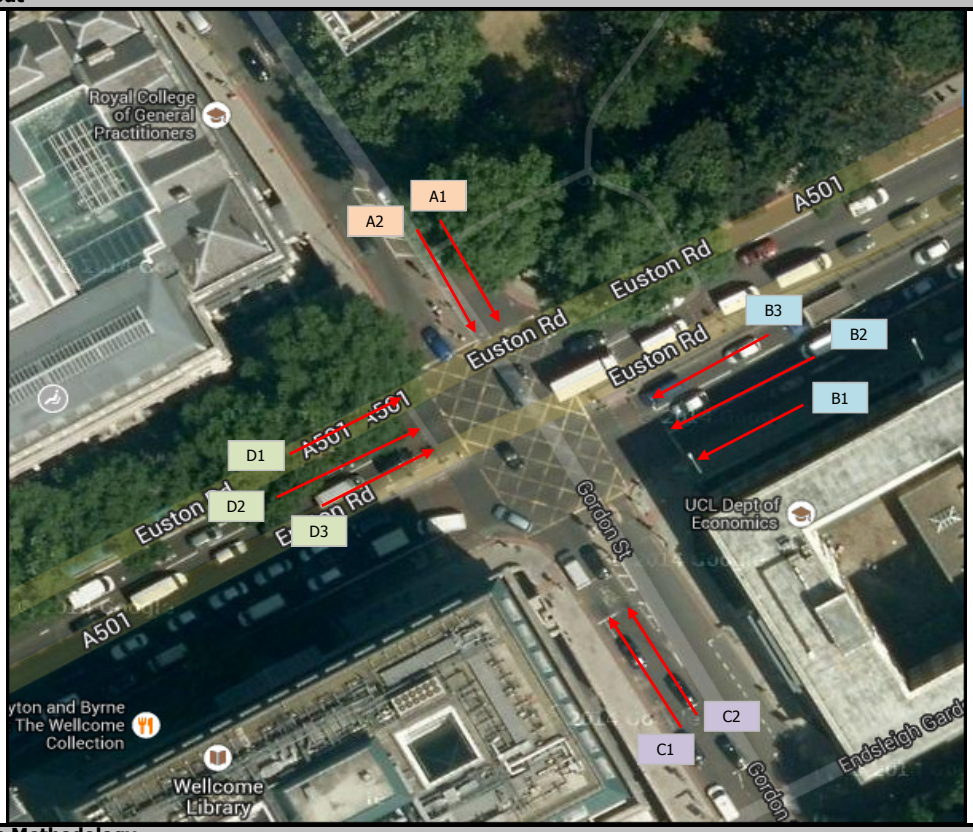
	A1				B1				B2				B3				C1				C2				C3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	0	1	1	15	6	1	7	51	14	0	14	84	13	1	14	93	4	2	6	54	14	0	14	84	10	0	10	60
16:05	0	0	0	0	5	1	6	45	12	1	13	87	11	1	12	81	6	0	6	36	11	0	11	66	9	0	9	54
16:10	0	1	1	15	2	1	3	27	10	2	12	90	9	0	9	54	10	1	11	75	10	0	10	60	11	0	11	66
16:15	0	1	1	15	4	1	5	39	8	3	11	93	10	0	10	60	7	1	8	57	9	3	12	99	10	2	12	90
16:20	0	0	0	0	2	0	2	12	10	2	12	90	13	0	13	78	9	3	12	99	11	1	12	81	9	0	9	54
16:25	0	0	0	0	0	2	2	30	12	0	12	72	12	0	12	72	12	0	12	72	15	0	15	90	9	1	10	69
16:30	0	1	1	15	0	0	0	0	12	1	13	87	9	0	9	54	8	0	8	48	12	2	14	102	8	0	8	48
16:35	0	1	1	15	0	0	0	0	6	0	6	36	10	0	10	60	9	0	9	54	9	0	9	54	10	0	10	60
16:40	0	1	1	15	2	1	3	27	5	1	6	45	12	0	12	72	11	0	11	66	12	2	14	102	9	0	9	54
16:45	0	1	1	15	1	0	1	6	15	0	15	90	11	1	12	81	17	0	17	102	15	0	15	90	9	1	10	69
16:50	0	1	1	15	0	0	0	0	10	2	12	90	14	0	14	84	10	3	13	105	11	2	13	96	7	0	7	42
16:55	0	0	0	0	7	2	9	72	13	0	13	78	11	0	11	66	11	1	12	81	9	3	12	99	9	0	9	54
17:00	0	0	0	0	5	0	5	30	15	0	15	90	9	0	9	54	12	0	12	72	11	1	12	81	8	0	8	48
17:05	0	1	1	15	0	1	1	15	13	0	13	78	10	0	10	60	10	2	12	90	12	0	12	72	9	1	10	69
17:10	0	0	0	0	9	0	9	54	11	0	11	66	10	1	11	75	9	0	9	54	10	2	12	90	7	0	7	42
17:15	0	1	1	15	1	0	1	6	12	1	13	87	9	0	9	54	12	2	14	102	12	0	12	72	13	0	13	78
17:20	0	0	0	0	0	0	0	0	15	0	15	90	7	0	7	42	15	0	15	90	13	0	13	78	8	0	8	48
17:25	0	0	0	0	0	0	0	0	13	0	13	78	10	0	10	60	9	2	11	84	11	2	13	96	7	0	7	42
17:30	0	1	1	15	0	0	0	0	10	1	11	75	14	0	14	84	11	1	12	81	16	0	16	96	5	0	5	30
17:35	0	1	1	15	1	0	1	6	12	0	12	72	12	0	12	72	13	1	14	93	11	0	11	66	9	0	9	54
17:40	0	1	1	15	5	1	6	45	12	0	12	72	10	0	10	60	11	0	11	66	14	0	14	84	7	0	7	42
17:45	0	1	1	15	7	3	10	87	14	0	14	84	12	0	12	72	12	0	12	72	13	1	14	93	5	0	5	30
17:50	0	1	1	15	9	2	11	84	11	0	11	66	15	0	15	90	13	1	14	93	12	0	12	72	6	0	6	36
17:55	0	1	1	15	7	2	9	72	10	0	10	60	11	1	12	81	13	0	13	78	11	0	11	66	7	0	7	42
18:00	0	1	1	15	2	1	3	27	13	0	13	78	13	1	14	93	9	2	11	84	9	1	10	69	9	0	9	54
18:05	0	1	1	15	0	0	0	0	12	1	13	87	12	0	12	72	7	1	8	57	12	2	14	102	8	0	8	48
18:10	0	1	1	15	0	0	0	0	10	0	10	60	8	1	9	63	11	0	11	66	12	1	13	87	7	0	7	42
18:15	0	1	1	15	6	2	8	66	12	0	12	72	10	1	11	75	4	0	4	24	13	0	13	78	9	0	9	54
18:20	0	1	1	15	2	0	2	12	13	0	13	78	12	0	12	72	5	0	5	30	14	0	14	84	8	0	8	48
18:25	0	1	1	15	1	0	1	6	11	0	11	66	14	0	14	84	4	0	4	24	13	1	14	93	9	1	10	69
18:30	0	1	1	15	1	0	1	6	15	0	15	90	9	0	9	54	9	1	10	69	12	0	12	72	7	0	7	42
18:35	0	1	1	15	3	0	3	18	12	1	13	87	10	1	11	75	7	0	7	42	11	0	11	66	9	1	10	69
18:40	0	0	0	0	7	2	9	72	12	0	12	72	14	0	14	84	6	1	7	51	10	0	10	60	7	0	7	42
18:45	0	1	1	15	5	0	5	30	11	1	12	81	12	0	12	72	4	1	5	39	12	0	12	72	6	1	7	51
18:50	0	1	1	15	3	0	3	18	14	0	14	84	15	0	15	90	5	0	5	30	9	0	9	54	4	1	5	39
18:55	0	1	1	15	4	1	5	39	12	0	12	72	11	1	12	81	8	0	8	48	13	0	13	78	5	0	5	30

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 26
Date of Survey: 12.06.2014
Junction Name: Euston Road / Melton Street / Gordon Street
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.526331	-0.133644	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queues in Arm A are counted up to Site 32 (at around 30m).

Queues in Arm B are counted up to Site 25 (at around 100m).

Queues in Arm C are counted up to Site 100 (at around 40m).

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Melton Street / Gordon Street

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				A2				B1				B2				B3				C1				C2				D1				D2				D3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	4	0	4	24	6	0	6	36	0	1	1	15	4	1	5	39	4	0	4	24	4	0	4	24	3	0	3	18	4	1	5	39	22	2	24	162	24	0	24	144
07:05	4	0	4	24	3	0	3	18	0	2	2	30	3	0	3	18	2	0	2	12	5	0	5	30	3	0	3	18	4	1	5	39	23	2	25	168	22	1	23	147
07:10	4	0	4	24	3	0	3	18	0	3	3	45	3	1	4	33	4	0	4	24	2	1	3	27	3	0	3	18	2	2	4	42	21	2	23	156	20	1	21	135
07:15	4	0	4	24	5	0	5	30	0	3	3	45	6	0	6	36	10	0	10	60	5	0	5	30	5	0	5	30	7	0	7	42	23	2	25	168	21	1	22	141
07:20	3	1	4	33	4	0	4	24	0	2	2	30	11	1	12	81	12	0	12	72	6	0	6	36	4	0	4	24	6	2	8	66	21	1	22	141	22	1	23	147
07:25	4	0	4	24	5	0	5	30	3	0	3	18	9	3	12	99	13	0	13	78	2	1	3	27	4	0	4	24	4	2	6	54	23	2	25	168	21	2	23	156
07:30	5	0	5	30	3	1	4	33	4	2	6	54	13	1	14	93	15	0	15	90	4	0	4	24	3	0	3	18	5	0	5	30	19	2	21	144	20	1	21	135
07:35	3	1	4	33	3	0	3	18	4	1	5	39	12	1	13	87	15	0	15	90	6	0	6	36	5	0	5	30	4	2	6	54	21	1	22	141	21	1	22	141
07:40	5	0	5	30	4	0	4	24	3	2	5	48	12	1	13	87	11	1	12	81	4	1	5	39	4	0	4	24	3	2	5	48	16	0	16	96	14	0	14	84
07:45	5	0	5	30	4	0	4	24	2	3	5	57	8	2	10	78	11	0	11	66	5	0	5	30	6	0	6	36	5	2	7	60	17	2	19	132	10	1	11	75
07:50	5	0	5	30	4	0	4	24	3	0	3	18	10	2	12	90	16	0	16	96	4	1	5	39	5	1	6	45	5	2	7	60	19	1	20	129	16	1	17	111
07:55	5	0	5	30	3	0	3	18	0	1	1	15	12	0	12	72	14	0	14	84	7	0	7	42	6	0	6	36	4	0	4	24	16	1	17	111	10	4	14	120
08:00	5	0	5	30	5	0	5	30	4	3	7	69	7	3	10	87	13	0	13	78	5	0	5	30	7	0	7	42	6	2	8	66	14	1	15	99	12	3	15	117
08:05	5	0	5	30	5	0	5	30	4	2	6	54	9	3	12	99	15	0	15	90	4	1	5	39	6	0	6	36	8	0	8	48	16	2	18	126	15	1	16	105
08:10	5	0	5	30	4	0	4	24	1	1	2	21	9	2	11	84	14	0	14	84	4	0	4	24	7	0	7	42	8	1	9	63	14	0	14	84	11	1	12	81
08:15	5	0	5	30	5	0	5	30	4	3	7	69	11	1	12	81	15	0	15	90	6	0	6	36	7	0	7	42	9	0	9	54	15	1	16	105	16	0	16	96
08:20	5	0	5	30	5	0	5	30	6	1	7	51	11	2	13	96	12	1	13	87	6	0	6	36	5	0	5	30	7	2	9	72	13	0	13	78	9	2	11	84
08:25	5	0	5	30	2	0	2	12	6	1	7	51	9	3	12	99	15	0	15	90	5	0	5	30	5	0	5	30	9	3	12	99	12	3	15	117	8	1	9	63
08:30	5	0	5	30	5	0	5	30	0	3	3	45	10	1	11	75	15	0	15	90	4	0	4	24	6	0	6	36	1	1	2	21	14	1	15	99	12	2	14	102
08:35	5	0	5	30	5	0	5	30	4	0	4	24	12	0	12	72	13	1	14	93	5	0	5	30	5	0	5	30	4	2	6	54	15	3	18	135	11	1	12	81
08:40	5	0	5	30	5	0	5	30	6	2	8	66	9	2	11	84	14	0	14	84	5	1	6	45	6	0	6	36	9	0	9	54	10	2	12	90	10	1	11	75
08:45	5	0	5	30	5	0	5	30	5	3	8	75	7	3	10	87	16	0	16	96	5	1	6	45	4	1	5	39	4	0	4	24	12	2	14	102	11	1	12	81
08:50	6	0	6	36	4	0	4	24	9	1	10	69	12	1	13	87	13	0	13	78	2	0	2	12	6	0	6	36	13	0	13	78	11	2	13	96	12	0	12	72
08:55	6	0	6	36	4	0	4	24	5	3	8	75	12	1	13	87	12	1	13	87	2	2	4	42	5	0	5	30	6	1	7	51	16	1	17	111	18	0	18	108
09:00	5	0	5	30	3	1	4	33	7	2	9	72	11	1	12	81	11	1	12	81	4	1	5	39	4	0	4	24	9	1	10	69	15	0	15	90	10	0	10	60
09:05	5	0	5	30	5	0	5	30	0	2	2	30	5	1	6	45	4	0	4	24	5	0	5	30	4	0	4	24	12	3	15	117	10	3	13	105	18	0	18	108
09:10	6	0	6	36	5	0	5	30	3	2	5	48	11	0	11	66	12	1	13	87	4	1	5	39	7	0	7	42	7	3	10	87	15	2	17	120	19	0	19	114
09:15	5	0	5	30	4	0	4	24	7	3	10	87	9	3	12	99	14	0	14	84	4	1	5	39	7	0	7	42	14	1	15	99	16	4	20	156	15	1	16	105
09:20	5	0	5	30	5	0	5	30	0	3	3	45	4	5	9	99	12	0	12	72	5	0	5	30	6	0	6	36	12	2	14	102	14	4	18	144	16	1	17	111
09:25	5	0	5	30	5	0	5	30	2	2	4	42	7	1	8	57	7	1	8	57	6	0	6	36	6	0	6	36	16	3	19	141	19	2	21	144	14	0	14	84
09:30	5	0	5	30	5	0	5	30	0	3	3	45	8	0	8	48	5	0	5	30	5	1	6	45	5	0	5	30	9	2	11	84	10	1	11	75	12	0	12	72
09:35	5	0	5	30	5	0	5	30	1	1	2	21	5	1	6	45	5	1	6	45	7	0	7	42	4	1	5	39	13	3	16	123	13	2	15	108	11	1	12	81
09:40	6	0	6	36	4	0	4	24	3	2	5	48	6	1	7	51	5	1	6	45	3	1	4	33	5	0	5	30	18	1	19	123	14	3	17	129	17	0	17	102
09:45	3	0	3	18	5	0	5	30	5	0	5	30	7	1	8	57	5	1	6	45	5	0	5	30	5	0	5	30	20	2	22	150	18	2	20	138	16	1	17	111
09:50	5	0	5	30	5	0	5	30	3	0	3	18	6	2	8	66	4	2	6	54	5	0	5	30	6	0	6	36	10	1	11	75	14	3	17	129	15	1	16	105
09:55	5	0	5	30	4	0	4	24	1	2	3	36	3	2	5	48	3	0	3	18	5	0	5	30	5	0	5	30	12	3	15	117	13	1	14	93	10	1	11	75

PM Peak Data:

	A1				A2				B1				B2				B3				C1				C2				D1				D2				D3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	5	0	5	30	5	0	5	30	8	4	12	108	13	1	14	93	11	1	12	81	3	2	5	48	5	1	6	45	14	2	16	114	16	1	17	111	14	0	14	84
16:05	5	0	5	30	4	0	4	24	8	4	12	108	14	1	15	99	14	0	14	84	7	0	7	42	7	0	7	42	18	2	20	138	17	1	18	117	12	0	12	72
16:10	4	0	4	24	5	0	5	30	7	1	8	57	14	1	15	99	13	1	14	93	8	0	8	48	7	0	7	42	23	0	23	138	15	1	16	105	19	0	19	114
16:15	4	1	5	39	4	0	4	24	8	1	9	63	11	2	13	96	12	1	13	87	7	0	7	42	6	0	6	36	24	1	25	159	18	1	19	123	15	2	17	120
16:20	5	0	5	30	5	0	5	30	6	3	9	81	11	2	13	96	12	1	13	87	7	0	7	42	7	0	7	42	20	6	26	210	19	1	20	129	16	1	17	111
16:25	6	0	6	36	5	0	5	30	5	3	8	75	11	1	12	81	14	0	14	84	7	0	7	42	7	0	7	42	23	5	28	213	18	1	19	123	15	1	16	105
16:30	5	0	5	30	5	0	5	30	6	1	7	51	13	1	14	93	15	0	15	90	7	0	7	42	7	0	7	42	20	4	24	180	21	3	24	171	18	1	19	123
16:35	5	0	5	30	5	0	5	30	12	2	14	102	14	0	14	84	14	0	14	84	7	0	7	42	7	0	7	42	24	3	27	189	20	1	21	135	16	2	18	126
16:40	5	0	5	30	5	0	5	30	4	2	6	54	14	0	14	84	13	0	13	78	3	2	5	48	7	0	7	42	23	2	25	168	19	1	20	129	21	1	22	141
16:45	5	0	5	30	4	0	4	24	5	5	10	105	10	2	12	90	13	1	14	93	5	1	6	45	5	0	5	30	18	7	25	213	18	1	19	123	17	0	17	102
16:50	4	0	4	24	5	0	5	30	9	3	12	99	15	0	15	90	13	0	13	78	7	0	7	42	6	0	6	36	21	3	24	171	22	0	22	132	21	1	22	141
16:55	5	0	5	30	4	1	5	39	8	4	12	108	10	2	12	90	13	0	13	78	5	1	6	45	4	1	5	39	22	3	25	177	18	2	20	138	20	0	20	120
17:00	5	0	5	30	5	0	5	30	12	2	14	102	13	0	13	78	15	0	15	90	3	2	5	48	6	0	6	36	18	2	20	138	19	2	21	144	18	1	19	123
17:05	6	0	6	36	4	1	5	39	11	1	12	81	11	2	13	96	14	0	14	84	5	0	5	30	7	0	7	42	22	2	24	162	20	2	22	150	18	1	19	123
17:10	5	0	5	30	5	0	5	30	6	1	7	51	11	2	13	96	12	1	13	87	7	0	7	42	7	0	7	42	20	2	22	150	18	1	19	123	19	0	19	114
17:15	5	0	5	30	5	0	5	30	2	2	4	42	14	0	14	84	14	1	15	99	7	0	7	42	7	0	7	42	23	2	25	168	17	2	19	132	16	1	17	111
17:20	6	0	6	36	6	0	6	36	4	3	7	69	15	0	15	90	15	0	15	90	7	0	7	42	7	0	7	42	16	2	18	126	20	1	21	135	20	1	21	135
17:25	6	0	6	36	6	0	6	36	3	0	3	18	11	1	12	81	15	0	15	90	7	0	7	42	7	0	7	42	21	3	24	171	18	1	19	123	22	0	22	132
17:30	6	0	6	36	6	0	6	36	1	0	1	6	10	2	12	90	14	0	14	84	7	0	7	42	7	0	7	42	20	5	25	195	19	2	21	144	20	0	20	120
17:35	5	0	5	30	4	1	5	39	2	6	8	102	10	2	12	90	14	0	14	84	7	0	7	42	7	0	7	42	24	2	26	174	20	1	21	135	21	0	21	126
17:40	5	0	5	30	5	0	5	30	12	2	14	102	11	2	13	96	15	0	15	90	7	0	7	42	7	0	7	42	21	4	25	186	18	1	19	123	19	0	19	114
17:45	5	0	5	30	5	0	5	30	5	5	10	105	14	0	14	84	14	0	14	84	7	0	7	42	7	0	7	42	18	4	22	168	21	0	21	126	22	0	22	132
17:50	6	0	6	36	6	0	6	36	8	4	12	108	13	1	14	93	14	0	14	84	7	0	7	42	7	0	7	42	18	4	22	168	22	0	22	132	19	0	19	114
17:55	5	0	5	30	6	0	6	36	6	4	10	96	14	0	14	84	15	0	15	90	7	0	7	42	6	0	6	36	20	2	22	150	18	1	19	123	21	0	21	126
18:00	6	0	6	36	6	0	6	36	7	3	10	87	14	0	14	84	16	0	16	96	7	0	7	42	7	0	7	42	25	2	27	180	19	1	20	129	20	0	20	120
18:05	5	0	5	30	6	0	6	36	6	2	8	66	11	1	12	81	14	0	14	84	7	0	7	42	7	0	7	42	20	3	23	165	19	1	20	129	20	0	20	120
18:10	5	0	5	30	5	0	5	30	5	4	9	90	9	1	10	69	13	0	13	78	7	0	7	42	7	0	7	42	23	2	25	168	20	0	20	120	19	0	19	114
18:15	6	0	6	36	3	1	4	33	12	0	12	72	12	1	13	87	10	1	11	75	7	0	7	42	6	0	6	36	21	2	23	156	16	3	19	141	17	1	18	117
18:20	6	0	6	36	3	0	3	18	5	4	9	90	13	0	13	78	10	0	10	60	7	0	7	42	7	0	7	42	20	3	23	165	17	1	18	117	18	0	18	108
18:25	4	0	4	24	5	0	5	30	8	4	12	108	9	0	9	54	12	0	12	72	7	0	7	42	6	0	6	36	18	2	20	138	19	0	19	114	20	0	20	120
18:30	6	0	6	36	5	0	5	30	9	1	10	69	13	1	14	93	11	0	11	66	7	0	7	42	6	0	6	36	23	3	26	183	19	0	19	114	17	1	18	117
18:35	5	0	5	30	5	0	5	30	9	0	9	54	13	1	14	93	11	0	11	66	7	0	7	42	7	0	7	42	20	1	21	135	18	2	20	138	20	0	20	120
18:40	5	0	5	30	4	0	4	24	3	1	4	33	10	0	10	60	12	0	12	72	7	0	7	42	7	0	7	42	18	2	20	138	20	1	21	135	22	0	22	132
18:45	6	0	6	36	5	0	5	30	1	1	2	21	11	0	11	66	11	0	11	66	7	0	7	42	7	0	7	42	19	0	19	114	18	1	19	123	21	0	21	126
18:50	5	0	5	30	5	0	5	30	7	2	9	72	14	0	14	84	14	0	14	84	7	0	7	42	7	0	7	42	20	4	24	180	19	1	20	129	19	1	20	129
18:55	4	0	4	24	5	0	5	30	8	4	12	108	12	1	13	87	15	0	15	90	7	0	7	42	7	0	7	42	18	2	20	138	18	1	19	123	21	0	21	126

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 27
Date of Survey: 12.06.2014
Junction Name: Euston Road / Gower Street
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.525434	-0.135849	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Gower Street

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres):

Lights	6

Heavies	15

AM Peak Data:

	A1				A2				C1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	4	0	4	24	5	2	7	60	10	0	10	60
07:05	3	3	6	63	6	0	6	36	14	0	14	84
07:10	4	2	6	54	4	0	4	24	9	2	11	84
07:15	2	5	7	87	5	3	8	75	7	3	10	87
07:20	8	2	10	78	6	3	9	81	8	1	9	63
07:25	3	3	6	63	6	3	9	81	9	0	9	54
07:30	3	2	5	48	7	3	10	87	7	3	10	87
07:35	3	1	4	33	8	1	9	63	13	0	13	78
07:40	4	2	6	54	7	1	8	57	14	0	14	84
07:45	2	5	7	87	4	4	8	84	8	2	10	78
07:50	10	2	12	90	6	1	7	51	12	1	13	87
07:55	11	0	11	66	6	1	7	51	6	5	11	111
08:00	4	3	7	69	3	4	7	78	9	2	11	84
08:05	5	3	8	75	4	4	8	84	12	1	13	87
08:10	4	3	7	69	9	2	11	84	9	1	10	69
08:15	3	3	6	63	3	3	6	63	12	0	12	72
08:20	10	2	12	90	4	3	7	69	11	2	13	96
08:25	5	3	8	75	8	3	11	93	9	1	10	69
08:30	9	3	12	99	5	2	7	60	11	3	14	111
08:35	4	3	7	69	8	1	9	63	6	1	7	51
08:40	4	3	7	69	7	1	8	57	10	0	10	60
08:45	3	3	6	63	7	2	9	72	12	0	12	72
08:50	4	2	6	54	8	2	10	78	10	1	11	75
08:55	2	5	7	87	6	1	7	51	11	2	13	96
09:00	8	2	10	78	5	1	6	45	14	2	16	114
09:05	3	3	6	63	3	0	3	18	12	1	13	87
09:10	3	2	5	48	4	1	5	39	13	1	14	93
09:15	3	1	4	33	4	0	4	24	12	3	15	117
09:20	5	3	8	75	5	5	10	105	14	2	16	114
09:25	4	3	7	69	1	4	5	66	11	2	13	96
09:30	3	3	6	63	4	0	4	24	12	3	15	117
09:35	10	2	12	90	5	0	5	30	10	2	12	90
09:40	5	3	8	75	4	1	5	39	15	0	15	90
09:45	4	3	7	69	0	1	1	15	14	1	15	99
09:50	3	3	6	63	3	1	4	33	14	1	15	99
09:55	4	2	6	54	3	2	5	48	14	2	16	114

PM Peak Data:

	A1				A2				C1			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	6	3	9	81	0	2	2	30	9	0	9	54
16:05	8	2	10	78	4	0	4	24	8	0	8	48
16:10	10	2	12	90	2	0	2	12	9	2	11	84
16:15	5	3	8	75	3	0	3	18	15	0	15	90
16:20	9	3	12	99	4	2	6	54	12	0	12	72
16:25	4	3	7	69	8	2	10	78	15	1	16	105
16:30	7	2	9	72	5	3	8	75	8	1	9	63
16:35	10	2	12	90	4	0	4	24	11	1	12	81
16:40	8	1	9	63	6	0	6	36	10	1	11	75
16:45	9	2	11	84	6	2	8	66	11	1	12	81
16:50	8	1	9	63	5	2	7	60	10	1	11	75
16:55	7	1	8	57	5	3	8	75	11	0	11	66
17:00	5	3	8	75	2	3	5	57	11	2	13	96
17:05	8	0	8	48	3	3	6	63	7	2	9	72
17:10	7	2	9	72	3	0	3	18	13	0	13	78
17:15	9	1	10	69	5	0	5	30	12	2	14	102
17:20	7	3	10	87	6	0	6	36	6	1	7	51
17:25	8	2	10	78	6	1	7	51	10	1	11	75
17:30	6	2	8	66	6	0	6	36	12	1	13	87
17:35	5	3	8	75	5	0	5	30	8	3	11	93
17:40	3	3	6	63	2	1	3	27	15	2	17	120
17:45	4	2	6	54	6	3	9	81	8	1	9	63
17:50	2	5	7	87	5	3	8	75	11	0	11	66
17:55	8	2	10	78	4	3	7	69	12	0	12	72
18:00	3	3	6	63	4	3	7	69	14	1	15	99
18:05	3	2	5	48	4	2	6	54	11	2	13	96
18:10	3	1	4	33	3	0	3	18	17	1	18	117
18:15	4	2	6	54	3	0	3	18	15	2	17	120
18:20	2	5	7	87	5	4	9	90	15	1	16	105
18:25	7	1	8	57	7	2	9	72	13	2	15	108
18:30	5	3	8	75	5	3	8	75	17	1	18	117
18:35	8	0	8	48	3	0	3	18	15	1	16	105
18:40	7	2	9	72	3	3	6	63	8	1	9	63
18:45	9	1	10	69	2	1	3	27	12	0	12	72
18:50	7	3	10	87	6	3	9	81	13	1	14	93
18:55	6	1	7	51	5	0	5	30	11	1	12	81

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 28
Date of Survey: 12.06.2014
Junction Name: Euston Road / Hampstead Road / Tottenham Court Road
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.525096	-0.138263	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

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Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Layout of this junction has been updated since the above image.

Queues in Arm D are counted up to the stop line to the south of Beaumont Place. Further queues then form behind these signals.

Buses queuing in lane A1 block the view of queues in A2 and A3.

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Hampstead Road / Tottenham Court Road
Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				A2				A3				C1				D1				D2				D3				E1				E2				E3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	9	1	10	69	5	1	6	45	11	1	12	81	0	4	4	60	6	0	6	36	3	0	3	18	1	2	3	36	2	0	2	12	4	1	5	39	8	1	9	63
07:05	2	3	5	57	12	0	12	72	9	0	9	54	0	1	1	15	5	1	6	45	3	2	5	48	2	1	3	27	3	0	3	18	4	2	6	54	15	0	15	90
07:10	4	2	6	54	7	2	9	72	10	2	12	90	0	1	1	15	7	0	7	42	4	1	5	39	3	2	5	48	3	0	3	18	5	1	6	45	10	0	10	60
07:15	4	3	7	69	5	1	6	45	10	0	10	60	0	2	2	30	4	1	5	39	4	1	5	39	1	2	3	36	2	0	2	12	2	2	4	42	11	0	11	66
07:20	1	1	2	21	12	3	15	117	8	1	9	63	0	2	2	30	5	1	6	45	6	0	6	36	3	2	5	48	2	2	4	42	1	2	3	36	7	0	7	42
07:25	0	2	2	30	3	0	3	18	8	2	10	78	0	2	2	30	5	1	6	45	6	0	6	36	4	0	4	24	3	0	3	18	2	1	3	27	5	1	6	45
07:30	1	4	5	66	1	3	4	51	5	3	8	75	0	3	3	45	7	0	7	42	3	1	4	33	4	2	6	54	2	2	4	42	1	0	1	6	5	0	5	30
07:35	3	5	8	93	4	1	5	39	9	1	10	69	0	1	1	15	3	2	5	48	4	1	5	39	2	2	4	42	4	3	7	69	3	0	3	18	8	0	8	48
07:40	4	2	6	54	9	1	10	69	13	0	13	78	0	1	1	15	4	1	5	39	2	1	3	27	4	1	5	39	1	1	2	21	0	2	2	30	7	1	8	57
07:45	5	1	6	45	6	1	7	51	9	1	10	69	0	3	3	45	4	2	6	54	2	1	3	27	3	2	5	48	1	0	1	6	2	0	2	12	4	1	5	39
07:50	0	4	4	60	9	0	9	54	12	0	12	72	0	3	3	45	5	1	6	45	3	1	4	33	5	1	6	45	0	1	1	15	2	0	2	12	9	0	9	54
07:55	9	1	10	69	8	0	8	48	10	1	11	75	0	2	2	30	5	1	6	45	3	2	5	48	4	2	6	54	2	0	2	12	1	0	1	6	5	0	5	30
08:00	1	2	3	36	6	2	8	66	8	0	8	48	0	1	1	15	6	1	7	51	3	1	4	33	3	2	5	48	1	0	1	6	1	2	3	36	5	0	5	30
08:05	2	2	4	42	6	0	6	36	10	0	10	60	0	2	2	30	7	0	7	42	2	2	4	42	2	2	4	42	2	1	3	27	0	2	2	30	7	1	8	57
08:10	0	3	3	45	4	1	5	39	8	1	9	63	0	1	1	15	6	1	7	51	4	1	5	39	2	2	4	42	2	0	2	12	1	1	2	21	4	1	5	39
08:15	1	1	2	21	8	0	8	48	11	1	12	81	0	1	1	15	6	1	7	51	4	2	6	54	2	2	4	42	1	0	1	6	2	2	4	42	5	0	5	30
08:20	4	1	5	39	5	1	6	45	9	0	9	54	0	2	2	30	7	1	8	57	3	2	5	48	5	1	6	45	0	0	0	0	3	1	4	33	5	0	5	30
08:25	2	3	5	57	5	0	5	30	5	1	6	45	0	2	2	30	5	1	6	45	4	1	5	39	4	2	6	54	3	0	3	18	3	3	6	63	10	1	11	75
08:30	2	2	4	42	4	0	4	24	5	2	7	60	0	2	2	30	7	0	7	42	7	0	7	42	3	2	5	48	1	0	1	6	0	1	1	15	10	1	11	75
08:35	1	1	2	21	3	1	4	33	7	0	7	42	0	2	2	30	2	3	5	57	6	0	6	36	3	2	5	48	0	2	2	30	3	4	7	78	4	0	4	24
08:40	1	1	2	21	5	0	5	30	8	1	9	63	0	2	2	30	4	2	6	54	4	1	5	39	1	3	4	51	1	1	2	21	0	1	1	15	6	0	6	36
08:45	9	0	9	54	5	1	6	45	4	2	6	54	0	2	2	30	3	2	5	48	3	2	5	48	2	2	4	42	1	0	1	6	3	1	4	33	9	0	9	54
08:50	8	1	9	63	8	0	8	48	5	2	7	60	0	2	2	30	6	1	7	51	7	0	7	42	1	3	4	51	3	2	5	48	0	3	3	45	10	1	11	75
08:55	6	0	6	36	7	0	7	42	6	0	6	36	0	2	2	30	4	2	6	54	2	2	4	42	2	2	4	42	2	0	2	12	2	1	3	27	11	0	11	66
09:00	1	3	4	51	5	1	6	45	8	0	8	48	0	1	1	15	7	0	7	42	5	1	6	45	4	1	5	39	0	1	1	15	0	1	1	15	6	0	6	36
09:05	2	5	7	87	7	1	8	57	6	1	7	51	0	2	2	30	7	0	7	42	4	1	5	39	7	0	7	42	2	0	2	12	1	3	4	51	10	0	10	60
09:10	5	2	7	60	4	1	5	39	4	3	7	69	0	1	1	15	4	2	6	54	5	1	6	45	2	3	5	57	2	0	2	12	2	1	3	27	6	1	7	51
09:15	3	1	4	33	10	0	10	60	8	0	8	48	0	1	1	15	4	2	6	54	6	0	6	36	4	1	5	39	3	2	5	48	2	2	4	42	1	0	1	6
09:20	2	2	4	42	4	0	4	24	4	1	5	39	0	3	3	45	6	0	6	36	4	1	5	39	3	2	5	48	2	2	4	42	1	0	1	6	6	1	7	51
09:25	1	1	2	21	4	0	4	24	7	1	8	57	0	2	2	30	5	1	6	45	4	1	5	39	6	0	6	36	1	0	1	6	3	0	3	18	12	0	12	72
09:30	1	3	4	51	3	1	4	33	6	0	6	36	0	2	2	30	3	2	5	48	3	1	4	33	5	1	6	45	1	0	1	6	2	2	4	42	6	2	8	66
09:35	1	1	2	21	3	2	5	48	8	1	9	63	0	1	1	15	6	1	7	51	5	1	6	45	7	0	7	42	2	2	4	42	0	1	1	15	8	0	8	48
09:40	2	0	2	12	4	2	6	54	5	1	6	45	0	2	2	30	5	1	6	45	4	1	5	39	4	1	5	51	4	1	5	39	3	0	3	18	2	2	4	42	5	0	5	30
09:45	2	3	5	57	1	2	3	36	4	1	5	39	0	1	1	15	6	1	7	51	4	1	5	39	0	3	3	45	3	1	4	33	3	1	4	33	12	1	13	87
09:50	0	5	5	75	7	0	7	42	8	0	8	48	0	2	2	30	7	1	8	57	4	1	5	39	2	2	4	42	2	1	3	27	1	1	2	21	10	0	10	60
09:55	1	1	2	21	6	0	6	36	9	0	9	54	0	1	1	15	7	0	7	42	3	2	5	48	4	1	5	39	2	0	2	12	2	1	3	27	8	1	9	63

PM Peak Data:

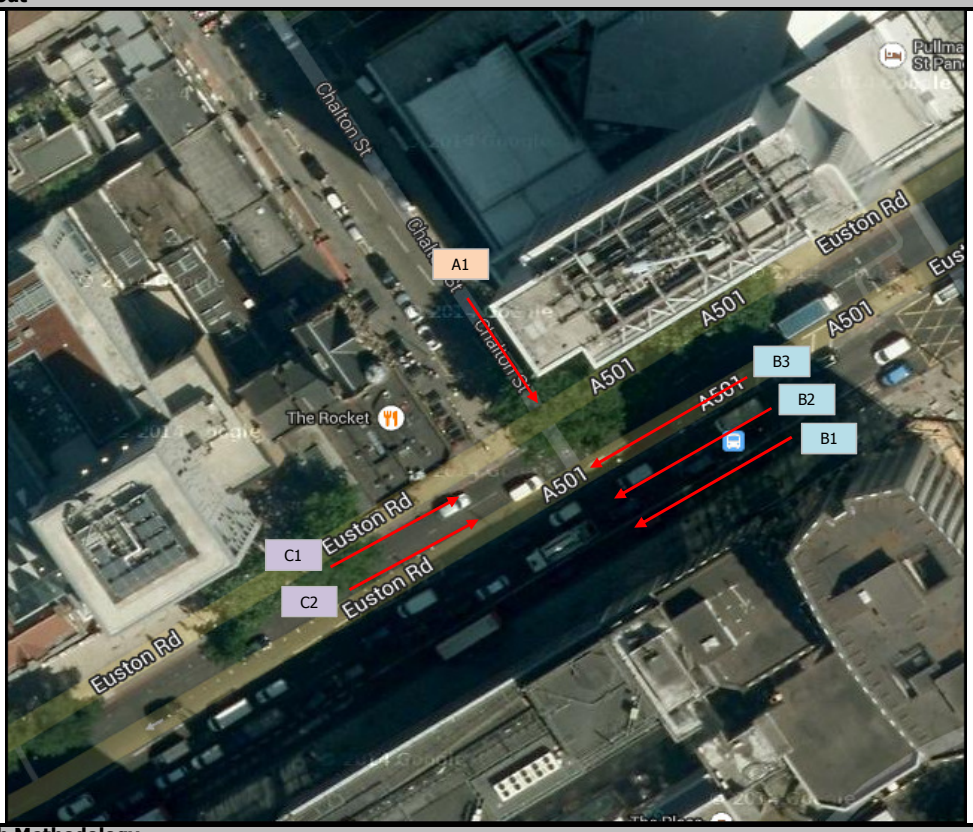
	A1				A2				A3				C1				D1				D2				D3				E1				E2				E3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	1	3	4	51	4	0	4	24	4	0	4	24	0	3	3	45	6	1	7	51	6	0	6	36	2	2	4	42	6	3	9	81	16	0	16	96	16	1	17	111
16:05	3	2	5	48	5	1	6	45	7	0	7	42	0	3	3	45	7	1	8	57	3	2	5	48	6	0	6	36	4	2	6	54	18	1	19	123	18	0	18	108
16:10	1	3	4	51	4	1	5	39	6	0	6	36	0	1	1	15	3	2	5	48	6	0	6	36	6	1	7	51	5	1	6	45	17	1	18	117	17	2	19	132
16:15	1	3	4	51	3	0	3	18	7	1	8	57	0	1	1	15	6	1	7	51	3	2	5	48	6	0	6	36	10	1	11	75	16	1	17	111	16	1	17	111
16:20	0	3	3	45	3	0	3	18	5	0	5	30	0	2	2	30	8	0	8	48	5	1	6	45	3	2	5	48	11	2	13	96	18	0	18	108	19	0	19	114
16:25	1	1	2	21	3	1	4	33	4	1	5	39	0	1	1	15	6	0	6	36	5	1	6	45	3	2	5	48	9	1	10	69	16	1	17	111	18	0	18	108
16:30	0	2	2	30	6	0	6	36	7	0	7	42	0	3	3	45	4	2	6	54	3	2	5	48	5	1	6	45	7	2	9	72	17	1	18	117	16	1	17	111
16:35	2	2	4	42	5	0	5	30	5	0	5	30	0	1	1	15	5	1	6	45	4	1	5	39	3	2	5	48	5	4	9	90	16	1	17	111	15	1	16	105
16:40	2	2	4	42	6	0	6	36	7	0	7	42	0	1	1	15	7	1	8	57	4	1	5	39	1	3	4	51	10	1	11	75	16	0	16	96	17	1	18	117
16:45	2	1	3	27	1	1	2	21	4	0	4	24	0	2	2	30	8	0	8	48	0	3	3	45	5	1	6	45	8	3	11	93	18	1	19	123	15	1	16	105
16:50	0	3	3	45	2	2	4	42	3	0	3	18	0	2	2	30	4	2	6	54	4	1	5	39	5	1	6	45	7	0	7	42	18	0	18	108	16	2	18	126
16:55	3	3	6	63	1	4	5	66	8	0	8	48	0	2	2	30	7	0	7	42	2	2	4	42	4	1	5	39	8	2	10	78	15	3	18	135	15	0	15	90
17:00	0	2	2	30	1	2	3	36	4	0	4	24	1	2	3	36	8	0	8	48	3	3	6	63	2	2	4	42	5	3	8	75	16	1	17	111	17	1	18	117
17:05	0	3	3	45	2	2	4	42	7	0	7	42	0	2	2	30	7	1	8	57	4	1	5	39	4	1	5	39	6	1	7	51	17	1	18	117	17	0	17	102
17:10	1	2	3	36	2	2	4	42	5	0	5	30	1	0	1	6	6	1	7	51	5	0	5	30	2	2	4	42	10	0	10	60	16	1	17	111	15	0	15	90
17:15	3	0	3	18	5	0	5	30	8	0	8	48	0	2	2	30	7	1	8	57	3	2	5	48	5	1	6	45	7	1	8	57	17	1	18	117	16	1	17	111
17:20	1	2	3	36	10	0	10	60	9	0	9	54	0	1	1	15	3	2	5	48	6	0	6	36	6	1	7	51	6	2	8	66	15	2	17	120	15	1	16	105
17:25	3	3	6	63	4	1	5	39	7	0	7	42	0	1	1	15	7	1	8	57	4	1	5	39	3	2	5	48	5	2	7	60	16	2	18	126	16	0	16	96
17:30	1	2	3	36	2	1	3	27	6	0	6	36	0	1	1	15	4	2	6	54	4	2	6	54	5	1	6	45	6	2	8	66	16	1	17	111	14	2	16	114
17:35	0	3	3	45	4	0	4	24	7	0	7	42	0	2	2	30	6	1	7	51	7	0	7	42	4	1	5	39	9	2	11	84	17	1	18	117	15	1	16	105
17:40	0	2	2	30	3	0	3	18	4	0	4	24	0	2	2	30	6	1	7	51	5	0	5	30	5	1	6	45	5	3	8	75	16	1	17	111	16	1	17	111
17:45	0	3	3	45	3	2	5	48	5	0	5	30	0	2	2	30	4	2	6	54	2	3	5	57	3	2	5	48	3	3	6	63	15	2	17	120	13	2	15	108
17:50	7	1	8	57	7	0	7	42	6	0	6	36	0	3	3	45	7	0	7	42	6	0	6	36	4	2	6	54	7	2	9	72	16	1	17	111	16	0	16	96
17:55	4	5	9	99	6	1	7	51	4	0	4	24	0	3	3	45	5	1	6	45	4	1	5	39	6	0	6	36	7	2	9	72	18	1	19	123	17	0	17	102
18:00	0	6	6	90	12	0	12	72	9	0	9	54	0	2	2	30	6	1	7	51	5	0	5	30	5	1	6	45	15	1	16	105	16	1	17	111	16	0	16	96
18:05	9	2	11	84	10	0	10	60	8	0	8	48	0	3	3	45	6	1	7	51	5	1	6	45	6	1	7	51	5	2	7	60	15	1	16	105	15	1	16	105
18:10	8	1	9	63	8	0	8	48	8	0	8	48	0	1	1	15	7	1	8	57	3	2	5	48	3	2	5	48	6	1	7	51	17	0	17	102	15	1	16	105
18:15	2	4	6	72	5	2	7	60	10	0	10	60	0	2	2	30	6	1	7	51	7	0	7	42	6	0	6	36	8	2	10	78	16	2	18	126	16	1	17	111
18:20	9	0	9	54	10	0	10	60	7	0	7	42	0	1	1	15	5	2	7	60	5	1	6	45	4	1	5	39	11	0	11	66	16	1	17	111	15	1	16	105
18:25	5	3	8	75	8	1	9	63	9	0	9	54	0	2	2	30	8	0	8	48	4	1	5	39	5	2	7	60	7	2	9	72	17	1	18	117	14	1	15	99
18:30	4	1	5	39	4	1	5	39	8	0	8	48	0	2	2	30	6	1	7	51	3	2	5	48	4	2	6	54	5	1	6	45	16	1	17	111	16	0	16	96
18:35	8	0	8	48	6	0	6	36	8	1	9	63	0	1	1	15	7	1	8	57	5	1	6	45	6	0	6	36	4	0	4	24	16	1	17	111	14	1	15	99
18:40	1	1	2	21	4	2	6	54	7	1	8	57	0	1	1	15	5	2	7	60	4	1	5	39	4	1	5	39	4	1	5	39	15	2	17	120	13	1	14	93
18:45	7	2	9	72	9	0	9	54	10	0	10	60	0	2	2	30	6	1	7	51	7	0	7	42	4	2	6	54	4	2	6	54	16	1	17	111	16	0	16	96
18:50	1	2	3	36	6	1	7	51	9	0	9	54	0	3	3	45	6	1	7	51	5	1	6	45	5	1	6	45	7	1	8	57	12	4	16	132	16	0	16	96
18:55	2	1	3	27	9	0	9	54	10	0	10	60	0	1	1	15	7	1	8	57	6	1	7	51	5	2	7	60	3	0	3	18	7	2	9	72	7	1	8	57

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 37
Date of Survey: 12.06.2014
Junction Name: Euston Road / Chalton Street
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.528168	-0.12858	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

No queue counts were done at B1 and 2 as there is no stop line here or possibility to enter the junction. B3 queues extend into lane B2, so some of the queuing traffic is travelling straight on.

Queues C1/2 are counted up to Site 23- around 80m away.

A bus stopped in the Arm B exit from around 07:15-07:20 prevents queues forming in C1.

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Chalton Street

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				B3				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	2	0	2	12	5	1	6	45	0	0	0	0	0	0	0	0
07:05	0	0	0	0	4	0	4	24	3	0	3	18	0	0	0	0
07:10	1	0	1	6	2	0	2	12	4	0	4	24	6	3	9	81
07:15	1	0	1	6	3	0	3	18	8	2	10	78	13	0	13	78
07:20	0	0	0	0	5	0	5	30	0	0	0	0	0	0	0	0
07:25	1	0	1	6	4	0	4	24	0	1	1	15	0	0	0	0
07:30	2	0	2	12	5	0	5	30	2	0	2	12	3	2	5	48
07:35	0	0	0	0	5	1	6	45	0	0	0	0	0	0	0	0
07:40	1	0	1	6	6	1	7	51	0	0	0	0	0	0	0	0
07:45	1	0	1	6	4	0	4	24	3	0	3	18	0	0	0	0
07:50	1	0	1	6	7	0	7	42	0	0	0	0	0	0	0	0
07:55	1	0	1	6	5	0	5	30	0	0	0	0	0	0	0	0
08:00	1	0	1	6	5	0	5	30	0	0	0	0	0	0	0	0
08:05	0	0	0	0	6	1	7	51	0	1	1	15	0	0	0	0
08:10	1	0	1	6	5	0	5	30	7	0	7	42	11	0	11	66
08:15	1	0	1	6	7	0	7	42	0	0	0	0	0	0	0	0
08:20	1	0	1	6	3	0	3	18	3	1	4	33	0	0	0	0
08:25	1	0	1	6	4	0	4	24	0	0	0	0	0	0	0	0
08:30	0	1	1	15	5	0	5	30	0	2	2	30	0	0	0	0
08:35	0	1	1	15	4	0	4	24	1	2	3	36	0	0	0	0
08:40	2	0	2	12	5	0	5	30	1	0	1	6	2	0	2	12
08:45	1	0	1	6	4	0	4	24	0	0	0	0	0	0	0	0
08:50	1	0	1	6	5	1	6	45	0	0	0	0	3	0	3	18
08:55	2	0	2	12	5	0	5	30	1	1	2	21	2	0	2	12
09:00	0	0	0	0	6	0	6	36	4	1	5	39	0	0	0	0
09:05	1	0	1	6	4	1	5	39	0	0	0	0	0	0	0	0
09:10	0	1	1	15	1	3	4	51	3	1	4	33	5	1	6	45
09:15	1	0	1	6	4	1	5	39	0	1	1	15	0	0	0	0
09:20	2	0	2	12	4	1	5	39	10	1	11	75	10	1	11	75
09:25	2	0	2	12	1	2	3	36	6	3	9	81	13	0	13	78
09:30	0	1	1	15	5	0	5	30	4	4	8	84	13	0	13	78
09:35	1	0	1	6	5	1	6	45	6	3	9	81	13	0	13	78
09:40	1	0	1	6	3	0	3	18	1	1	2	21	9	1	10	69
09:45	1	0	1	6	3	1	4	33	4	1	5	39	10	1	11	75
09:50	1	0	1	6	4	0	4	24	7	2	9	72	8	2	10	78
09:55	1	0	1	6	6	1	7	51	13	0	13	78	13	0	13	78

PM Peak Data:

	A1				B3				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	1	0	1	6	6	0	6	36	13	0	13	78	13	0	13	78
16:05	2	0	2	12	7	0	7	42	10	1	11	75	10	1	11	75
16:10	1	0	1	6	5	1	6	45	10	1	11	75	10	1	11	75
16:15	2	0	2	12	7	0	7	42	8	2	10	78	10	1	11	75
16:20	1	0	1	6	5	1	6	45	10	1	11	75	10	0	10	60
16:25	1	0	1	6	6	0	6	36	6	3	9	81	6	3	9	81
16:30	1	0	1	6	6	0	6	36	6	3	9	81	13	0	13	78
16:35	1	0	1	6	7	0	7	42	6	3	9	81	10	1	11	75
16:40	0	0	0	0	5	0	5	30	8	2	10	78	10	1	11	75
16:45	1	0	1	6	6	1	7	51	6	3	9	81	10	1	11	75
16:50	1	0	1	6	5	0	5	30	4	4	8	84	13	0	13	78
16:55	1	0	1	6	6	0	6	36	6	3	9	81	13	0	13	78
17:00	1	0	1	6	7	0	7	42	6	3	9	81	10	1	11	75
17:05	1	0	1	6	7	0	7	42	13	0	13	78	10	1	11	75
17:10	1	0	1	6	8	0	8	48	1	0	1	6	4	0	4	24
17:15	1	0	1	6	7	0	7	42	1	0	1	6	0	0	0	0
17:20	2	0	2	12	7	0	7	42	2	0	2	12	0	0	0	0
17:25	0	0	0	0	8	0	8	48	0	1	1	15	0	0	0	0
17:30	0	0	0	0	4	1	5	39	0	0	0	0	0	0	0	0
17:35	0	0	0	0	6	0	6	36	8	1	9	63	4	0	4	24
17:40	0	0	0	0	7	0	7	42	6	2	8	66	13	0	13	78
17:45	1	0	1	6	7	0	7	42	8	2	10	78	13	0	13	78
17:50	3	0	3	18	6	0	6	36	13	0	13	78	13	0	13	78
17:55	1	0	1	6	6	0	6	36	6	3	9	81	13	0	13	78
18:00	1	0	1	6	7	0	7	42	13	0	13	78	13	0	13	78
18:05	1	0	1	6	3	2	5	48	8	2	10	78	13	0	13	78
18:10	1	0	1	6	8	0	8	48	13	0	13	78	13	0	13	78
18:15	1	0	1	6	4	1	5	39	6	3	9	81	13	0	13	78
18:20	1	0	1	6	5	0	5	30	10	1	11	75	13	0	13	78
18:25	1	0	1	6	7	0	7	42	3	0	3	18	8	0	8	48
18:30	1	0	1	6	6	1	7	51	2	0	2	12	7	0	7	42
18:35	1	0	1	6	8	0	8	48	0	1	1	15	1	0	1	6
18:40	2	0	2	12	7	0	7	42	1	1	2	21	1	0	1	6
18:45	1	0	1	6	5	0	5	30	0	0	0	0	12	0	12	72
18:50	2	0	2	12	7	0	7	42	0	1	1	15	0	0	0	0
18:55	1	0	1	6	6	1	7	51	8	1	9	63	10	0	10	60

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 38
Date of Survey: 12.06.2014
Junction Name: Euston Road / Midland Road
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.529081	-0.126226	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Heavy vehicles in A1 intermittently block the view of A2. This is also an issue with B1 and the other lanes in this arm.

Queues in Arm D are counted up to Site 40 (around 75m), but are blocked from view most of the time before this point.

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Midland Road

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): Lights 6 | Heavies 15

AM Peak Data:

	A1				A2				A3				A4				B1				B2				B3				C1				D1				D2				D3				D4			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	5	2	7	60	4	1	5	39	2	0	2	12	2	0	2	12	1	0	1	6	2	3	5	57	5	1	6	45	1	2	3	36	0	1	1	15	4	2	6	54	3	0	3	18	1	0	1	6
07:05	4	4	8	84	3	2	5	48	1	0	1	6	2	0	2	12	1	0	1	6	2	2	4	42	5	0	5	30	2	1	3	27	4	0	4	24	6	0	6	36	5	1	6	45	1	0	1	6
07:10	5	4	9	90	6	1	7	51	0	2	2	30	2	0	2	12	0	0	0	0	2	3	5	57	5	0	5	30	3	0	3	18	1	0	1	6	2	1	3	27	6	0	6	36	0	0	0	0
07:15	2	6	8	102	6	0	6	36	2	0	2	12	2	1	3	27	1	0	1	6	2	2	4	42	6	0	6	36	1	0	1	6	1	0	1	6	6	0	6	36	7	0	7	42	1	0	1	6
07:20	5	3	8	75	8	0	8	48	4	1	5	39	2	1	3	27	0	0	0	0	3	1	4	33	6	0	6	36	2	0	2	12	5	0	5	30	5	0	5	30	8	0	8	48	2	0	2	12
07:25	3	4	7	78	8	0	8	48	2	2	4	42	3	0	3	18	0	2	2	30	5	1	6	45	5	1	6	45	2	0	2	12	1	0	1	6	5	1	6	45	6	0	6	36	0	0	0	0
07:30	2	4	6	72	7	0	7	42	0	1	1	15	1	0	1	6	5	1	6	45	4	2	6	54	4	0	4	24	2	0	2	12	3	0	3	18	5	1	6	45	6	1	7	51	0	0	0	0
07:35	5	3	8	75	7	0	7	42	1	2	3	36	4	0	4	24	0	1	1	15	3	2	5	48	6	0	6	36	1	1	2	21	2	0	2	12	6	0	6	36	7	1	8	57	0	0	0	0
07:40	3	4	7	78	7	1	8	57	3	1	4	33	3	0	3	18	5	3	8	75	5	2	7	60	6	1	7	51	0	1	1	15	3	0	3	18	3	1	4	33	4	1	5	42	2	1	3	21
07:45	3	4	7	78	9	0	9	54	5	0	5	30	4	0	4	24	2	3	5	57	9	1	10	69	6	1	7	51	2	0	2	12	0	1	1	15	7	0	7	42	5	1	6	45	1	0	1	6
07:50	2	6	8	102	8	0	8	48	2	3	5	57	2	0	2	12	3	1	4	33	8	0	8	48	6	0	6	36	2	0	2	12	0	1	1	15	4	0	4	24	7	0	7	42	0	1	1	15
07:55	1	4	5	66	8	0	8	48	3	0	3	18	4	0	4	24	0	2	2	30	4	6	10	114	6	1	7	51	6	0	6	36	0	2	2	30	4	0	4	24	7	1	8	57	2	0	2	12
08:00	9	3	12	99	6	1	7	51	4	0	4	24	2	0	2	12	6	2	8	66	2	1	3	27	5	0	5	30	1	0	1	6	1	0	1	6	6	0	6	36	6	0	6	36	2	0	2	12
08:05	2	4	6	72	9	2	11	84	5	1	6	45	3	0	3	18	0	2	2	30	8	0	8	48	5	0	5	30	0	1	1	15	3	0	3	18	5	0	5	30	9	0	9	54	1	0	1	6
08:10	5	4	9	90	7	1	8	57	4	1	5	39	4	0	4	24	0	4	4	60	5	2	7	60	6	0	6	36	1	0	1	6	5	0	5	30	5	1	6	45	9	0	9	54	0	0	0	0
08:15	10	2	12	90	9	1	10	69	4	1	5	39	5	0	5	30	2	0	2	12	6	1	7	51	3	0	3	18	6	0	6	36	0	2	2	30	7	2	9	72	10	0	10	60	0	0	0	0
08:20	8	2	10	78	9	2	11	84	4	0	4	24	3	0	3	18	6	0	6	36	5	2	7	60	6	1	7	51	4	0	4	24	2	1	3	27	2	1	3	27	8	1	9	63	1	0	1	6
08:25	3	5	8	93	7	2	9	72	4	3	7	69	1	0	1	6	0	1	1	15	5	1	6	45	6	0	6	36	2	0	2	12	1	1	2	21	2	1	3	27	8	1	9	63	0	0	0	0
08:30	8	1	9	63	8	2	10	78	4	1	5	39	4	0	4	24	2	0	2	12	6	1	7	51	4	0	4	24	2	0	2	12	0	2	2	30	6	1	7	51	9	0	9	54	0	0	0	0
08:35	6	3	9	81	6	2	8	66	4	0	4	24	3	0	3	18	7	2	9	72	5	2	7	60	6	0	6	36	2	0	2	12	2	2	4	42	5	0	5	30	7	0	7	42	0	1	1	15
08:40	5	3	8	75	9	0	9	54	2	1	3	27	2	0	2	12	7	3	10	87	6	2	8	66	10	0	10	60	2	0	2	12	0	2	2	30	4	2	6	54	3	3	6	63	1	0	1	6
08:45	7	2	9	72	7	2	9	72	5	0	5	30	4	0	4	24	6	1	7	51	5	2	7	60	7	1	8	57	3	0	3	18	1	1	2	21	6	0	6	36	8	0	8	48	1	0	1	6
08:50	10	1	11	75	7	2	9	72	3	2	5	48	5	0	5	30	9	1	10	69	8	1	9	63	9	1	10	69	7	1	8	57	0	2	2	30	5	1	6	45	5	0	5	30	1	0	1	6
08:55	1	5	6	81	3	2	5	48	5	2	7	60	4	0	4	24	7	2	9	72	6	0	6	36	5	1	6	45	3	2	5	48	0	1	1	15	7	0	7	42	3	3	6	63	2	1	3	27
09:00	4	4	8	84	8	1	9	63	7	1	8	57	8	0	8	48	8	1	9	63	7	2	9	72	10	0	10	60	3	0	3	18	1	2	3	36	4	0	4	24	4	1	5	39	0	0	0	0
09:05	5	3	8	75	10	0	10	60	4	1	5	39	7	0	7	42	3	1	4	33	8	1	9	63	4	2	6	54	1	1	2	21	0	2	2	30	5	0	5	30	5	2	7	60	0	0	0	0
09:10	4	5	9	99	8	0	8	48	7	0	7	42	6	1	7	51	1	2	3	36	2	3	5	57	6	1	7	51	3	1	4	33	3	1	4	33	6	0	6	36	8	0	8	48	1	0	1	6
09:15	8	2	10	78	10	0	10	60	9	1	10	69	7	0	7	42	3	1	4	33	6	1	7	51	9	0	9	54	2	1	3	27	0	2	2	30	4	2	6	54	10	0	10	60	3	0	3	18
09:20	6	3	9	81	7	1	8	57	5	1	6	45	6	0	6	36	7	1	8	57	5	1	6	45	8	0	8	48	3	0	3	18	2	1	3	27	3	2	5	48	4	1	5	39	2	0	2	12
09:25	8	2	10	78	12	0	12	72	7	0	7	42	4	1	5	39	6	2	8	66	9	1	10	69	3	3	6	63	4	1	5	39	1	2	3	36	9	0	9	54	13	0	13	78	1	0	1	6
09:30	7	3	10	87	11	0	11	66	7	2	9	72	4	1	5	39	2	1	3	27	5	2	7	60	9	0	9	54	6	0	6	36	0	2	2	30	8	1	9	63	10	0	10	60	4	0	4	24
09:35	6	4	10	96	10	1	11	75	6	2	8	66	6	1	7	51	0	2	2	30	10	1	11	75	11	0	11	66	5	0	5	30	4	1	5	39	7	0	7	42	8	0	8	48	0	0	0	0
09:40	7	4	11	102	8	2	10	78	4	2	6	54	6	0	6	36	2	1	3	27	11	0	11	75	7	1	8	57	7	0	7	42	6	0	6	36	7	1	8	57	10	0	10	60	3	0	3	27
09:45	5	5	10	105	6	2	8	66	6	1	7	51	4	2	6	54	3	0	3	18	8	1	9	63	9	0	9	54	5	0	5	30	1	1	2	21	6	2	8	66	10	0	10	60	1	0	1	6
09:50	5	4	9	90	10	2	12	90	7	1	8	57	8	0	8	48	6	1	7	51	5	2	7	60	3	2	5	48	3	1	4	33	2	1	3	27	6	1	7	51	7	0	7	42	2	0	2	12
09:55	3	7	10	123	9	1	10	69	6	0	6	36	5	0	5	30	0	2	2	30	4	2	6	54	4	0	4	24	6	1	7	51	1	3	4	51	2	1	10	69	8	2	10	78	0	0	0	0

PM Peak Data:

	A1				A2				A3				A4				B1				B2				B3				C1				D1				D2				D3				D4			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	7	3	12	99	7	1	8	57	2	2	2	12	2	0	2	12	3	1	4	33	7	2	9	72	7	1	8	57	3	0	3	18	1	3	4	51	8	0	8	48	12	0	12	72	0	1	1	15
16:05	8	2	10	78	9	0	9	54	6	2	8	66	6	0	6	36	0	2	2	30	2	6	8	102	4	0	4	24	3	0	3	18	2	3	5	57	9	0	9	54	11	0	11	66	0	0	0	0
16:10	9	3	12	99	12	1	13	87	11	0	11	66	7	0	7	42	3	3	6	63	10	0	10	60	4	1	5	39	6	0	6	36	4	1	5	39	10	0	10	60	10	1	11	75	1	0	1	6
16:15	14	4	18	144	9	1	10	69	10	1	11	75	7	0	7	42	7	1	8	57	9	0	9	54	8	1	9	63	3	0	3	18	1	3	4	51	6	0	6	36	11	0	11	66	0	0	0	0
16:20	11	3	14	111	10	1	11	75	9	0	9	54	7	0	7	42	6	3	9	81	12	1	13	87	10	0	10	60	8	0	8	48	3	2	5	48	5	1	6	45	8	0	8	48	1	0	1	6
16:25	10	4	14	120	11	1	12	81	4	0	4	24	4	1	5	39	5	3	8	75	11	1	12	81	10	0	10	60	11	0	11	66	2	1	3	27	6	2	8	66	7	1	8	57	0	0	0	0
16:30	8	4	12	108	10	0	10	60	9	0	9	54	9	0	9	54	10	2	12	90	10	2	12	90	8	1	9	63	5	0	5	30	4	2	6	54	6	2	8	66	10	1	11	75	0	0	0	0
16:35	5	4	9	90	10	1	11	75	7	0	7	42	8	0	8	48	7	2	9	72	10	0	10	60	8	0	8	48	4	0	4	24	2	3	5	57	5	2	7	60	10	0	10	60	1	0	1	6
16:40	6	4	10	96	11	0	11	66	3	1	4	27	2	0	2	12	5	3	8	75	11	0	11	66	6	0	6	36	5	0	5	30	4	1	5	39	6	2	8	66	9	0	9	54	1	0	1	6
16:45	5	6	11	120	11	1	12	81	5	1	6	45	5	0	5	30	1	4	5	66	7	1	8	57	7	0	7	42	4	0	4	24	3	2	5	48	8	0	8	48	8	1	9	63	0	0	0	0
16:50	10	4	14	120	11	0	11	66	7	0	7	42	4	0	4	24	3	4	7	78	10	1	11	75	9	0	9	54	4	0	4	24	4	2	6	54	8	1	9	63	6	0	6	36	1	0	1	6
16:55	8	4	12	108	9	1	10	69	5	1	6	45	6	0	6	36	8	2	10	78	8	2	10	78	9	0	9	54	6	0	6	36	2	2	4	42	6	2	8	66	11	0	11	66	0	0	0	0
17:00	5	4	9	90	8	2	10	78	6	0	6	36	3	0	3	18	10	2	12	90	10	1	11	75	9	0	9	54	2	0	2	12	6	2	8	66	11	0	11	66	12	0	12	72	0	0	0	0
17:05	4	4	8	84	10	2	12	90	8	1	9	63	5	0	5	30	7	2	9	72	11	0	11	66	10	0	10	60	5	0	5	30	1	2	3	36	10	0	10	60	10	1	11	78	1	0	1	6
17:10	7	2	9	72	11	0	11	66	5	2	7	60	3	0	3	18	11	2	13	96	10	0	10	60	10	0	10	60	5	0	5	30	1	2	3	36	10	0	10	60	11	0	11	66	0	0	0	0
17:15	6	3	9	81	9	2	11	84	7	0	7	42	8	0	8	48	8	2	10	78	15	0	15	90	9	0	9	54	11	0	11	66	0	2	2	30	4	0	4	24	4	0	4	24	0	0	0	0
17:20	11	1	12	81	11	1	12	81	12	0	12	72	10	0	10	60	5	1	6	45	10	2	12	90	10	0	10	60	5	0	5	30	1	1	2	21	4	0	4	24	3	0	3	18	0	0	0	0
17:25	10	1	11	75	10	0	10	60	11	0	11	66	10	0	10	60	10	1	11	75	12	1	13	87	5	1	6	45	5	0	5	30	2	0	2	12	4	1	5	39	4	0	4	24	1	0	1	6
17:30	10	0	10	60	13	0	13	78	9	0	9	54	6	1	7	51	5	4	9	90	11	0	11	66	11	0	11	66	5	0	5	30	2	0	2	12	7	0	7	42	7	0	7	42	0	0	0	0
17:35	6	2	8	66	10	0	10	60	7	0	7	42	3	0	3	18	1	4	5	66	8	1	9	63	7	0	7	42	4	0	4	24	4	1	5	39	7	0	7	42	11	0	11	66	0	0	0	0
17:40	5	2	7	60	5	0	5	30	6	1	7	51	6	0	6	36	2	4	6	72	6	5	11	111	9	0	9	54	6	0	6	36	6	1	7	51	9	0	9	54	12	0	12	72	1	0	1	6
17:45	8	2	10	78	9	0	9	54	8	0	8	48	9	0	9	54	5	3	8	75	6	2	8	66	9	0	9	54	5	0	5	30	4	1	5	39	9	0	9	54	12	0	12	72	0	0	0	0
17:50	7	2	9	72	10	1	11	75	6	1	7	51	8	0	8	48	6	3	9	81	10	2	12	90	9	0	9	54	2	0	2	12	5	1	6	45	10	0	10	60	13	0	13	78	1	0	1	6
17:55	10	1	11	75	12	1	13	87	6	1	7	51	6	0	6	36	12	1	13	87	14	0	14	84	9	0	9	54	4	0	4	24	3	1	4	33	6	3	9	75	10	0	10	60	2	0	2	6
18:00	6	2	8	66	10	1	11	75	4	2	6	42	4	0	4	24	7	3	10	87	11	0	11	66	7	0	7	42	7	0	7	42	6	2	8	66	10	0	10	60	12	0	12	72	0	0	0	0
18:05	6	3	9	81	11	0	11	66	5	1	6	45	5	0	5	30	8	1	9	63	10	0	10	60	8	0	8	48	10	0	10	60	0	2	2	30	8	0	8	48	8	1	9	63	0	0	0	0
18:10	6	2	8	66	12	0	12	72	11	1	12	81	10	1	11	75	4	3	7	69	10	1	11	75	7	1	8	57	11	0	11	66	7	1	8	57	9	1	10	69	12	0	12	72	2	0	2	12
18:15	9	1	10	69	16	0	16	96	10	0	10	60	12	1	13	87	8	0	8	48	11	2	13	96	8	1	9	63	6	0	6	36	7	1	8	57	8	0	8	48	10	0	10	60	0	0	0	0
18:20	7	2	9	72	14	0	14	84	11	0	11	66	10	0	10	60	6	2	8	66	13	0	13	78	8	1	9	63	5	0	5	30	3	0	3	18	7	0	7	42	7	0	7	42	1	0	1	6
18:25	6	3	9	81	11	1	12	81	10	0	10	60	10	0	10	60	7	2	9	72	12	1	13	87	8	0	8	48	4	1	5	39	6	0	6	36	7	2	9	72	12	0	12	72	2	0	2	12
18:30	9	1	10	69	13	0	13	78	13	1	14	93	12	0	12	72	4	3	7	69	13	1	14	93	6	0	6	36	9	0	9	54	1	1	2	21	6	0	6	36	7	0	7	42	0	0	0	0
18:35	6	2	8	66	13	0	13	78	10	0	10	60	11	0	11	66	5	3	8	75	10	1	11	75	7	0	7	42	6	0	6	36	4	1	5	39	7	0	7	42	9	0	9	54	1	0	1	6
18:40	7	2	9	72	13	0	13	78	15	0	15	90	12	0	12	72	4	3	7	69	12	0	12	72	10	0	10	60	7	2	9	72	2	1	3	27	7	0	7	42	7	0	7	42	1	0	1	6
18:45	8	1	9	63	12	0	12	72	9	0	9	54	11	0	11	66	3	4	7	78	9	1	10	69	5	1	6	45	7	0	7	42	3	1	4	33	5	1	6	45	8	0	8	48	1	0	1	6
18:50	6	2	8	66	11	0	11	66	6	1	7	51	5	0	5	30	4	2	6	54	11	0	11	66	8	0	8	48	6	0	6	36	5	2	7	60	8	0	8	48	9	0	9	54	1	0	1	6
18:55	5	2	7	60	7	0	7	42	3	1	4	33	3	0	3	18	4	0	4	24	15	0	15	90	9	0	9	54	10	0	10	60	4	0	4	24	6	0	6	36	9	0	9	54	0	0	0	0

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 39
Date of Survey: 12.06.2014
Junction Name: Pancras Road / Euston Road
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.530012	-0.124023	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Pancras Road / Euston Road

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): Lights 6 Heavies 15

AM Peak Data:

	A1				A2				B1				B2				B3				D1				D2				D3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	3	0	3	18	7	0	7	42	4	0	4	24	9	1	10	69	10	1	11	75	2	2	4	42	6	1	7	51	11	0	11	66
07:05	2	0	2	12	13	0	13	78	3	0	3	18	11	3	14	111	7	0	7	42	3	2	5	48	6	2	8	66	10	1	11	75
07:10	7	0	7	42	7	1	8	57	6	0	6	36	9	4	13	114	12	0	12	72	3	0	3	18	7	0	7	42	12	1	13	87
07:15	8	0	8	48	11	0	11	66	3	0	3	18	12	2	14	102	8	0	8	48	3	2	5	48	8	0	8	48	10	0	10	60
07:20	5	0	5	30	4	0	4	24	0	1	1	15	10	2	12	90	8	2	10	78	7	4	11	102	7	0	7	42	10	0	10	60
07:25	7	0	7	42	6	0	6	36	1	0	1	6	12	1	13	87	4	2	6	54	5	5	10	105	8	1	9	63	8	0	8	48
07:30	3	0	3	18	3	1	4	33	5	0	5	30	14	1	15	99	12	1	13	87	2	4	6	72	7	0	7	42	11	0	11	66
07:35	3	0	3	18	8	0	8	48	5	0	5	30	14	1	15	99	9	0	9	54	4	3	7	69	6	0	6	36	13	2	15	108
07:40	5	0	5	30	9	0	9	54	2	1	3	27	11	3	14	111	9	2	11	84	3	2	5	48	8	0	8	48	10	0	10	60
07:45	5	0	5	30	6	0	6	36	2	1	3	27	6	5	11	111	9	0	9	54	2	2	4	42	9	1	10	69	12	1	13	87
07:50	7	0	7	42	5	0	5	30	0	1	1	15	11	3	14	111	2	2	4	42	4	1	5	39	10	0	10	60	11	0	11	66
07:55	6	0	6	36	5	0	5	30	10	3	13	105	10	3	13	105	2	2	4	42	2	3	5	57	4	1	5	39	12	1	13	87
08:00	8	0	8	48	6	0	6	36	0	0	0	0	11	1	12	81	8	3	11	93	2	2	4	42	6	0	6	36	9	2	11	84
08:05	7	0	7	42	11	0	11	66	7	4	11	102	10	0	10	60	12	0	12	72	4	1	5	39	7	1	8	57	10	1	11	75
08:10	7	0	7	42	14	0	14	84	0	1	1	15	13	1	14	93	6	1	7	51	2	3	5	57	7	0	7	42	12	1	13	87
08:15	3	1	4	33	7	0	7	42	2	0	2	12	9	2	11	84	8	2	10	78	3	6	9	108	6	1	7	51	14	2	16	114
08:20	6	0	6	36	4	0	4	24	1	1	2	21	9	3	12	99	10	2	12	90	8	2	10	78	5	2	7	60	12	3	15	117
08:25	4	1	5	39	7	0	7	42	2	1	3	27	5	1	6	45	10	0	10	60	2	3	5	57	9	1	10	69	10	0	10	60
08:30	6	0	6	36	6	0	6	36	2	1	3	27	9	3	12	99	11	0	11	66	7	0	7	42	10	1	11	75	11	1	12	81
08:35	5	0	5	30	4	0	4	24	2	0	2	12	6	0	6	36	12	1	13	87	2	3	5	57	10	0	10	60	9	0	9	54
08:40	11	0	11	66	10	0	10	60	3	0	3	18	14	2	16	114	10	2	12	90	5	2	7	60	13	0	13	78	11	1	12	81
08:45	9	0	9	54	11	0	11	66	2	0	2	12	13	2	15	108	9	1	10	69	4	2	6	54	11	2	13	96	14	0	14	84
08:50	6	0	6	36	4	1	5	39	5	0	5	30	12	2	14	102	9	0	9	54	0	3	3	45	13	0	13	78	12	0	12	72
08:55	3	0	3	18	6	1	7	51	8	4	12	108	7	4	11	102	9	2	11	84	4	2	6	54	14	1	15	99	11	1	12	81
09:00	6	0	6	36	11	0	11	66	4	0	4	24	14	1	15	99	13	2	15	108	4	2	6	54	10	0	10	60	15	0	15	90
09:05	10	0	10	60	6	0	6	36	4	0	4	24	12	2	14	102	9	1	10	69	3	3	6	63	12	2	14	102	10	1	11	75
09:10	8	0	8	48	10	0	10	60	4	0	4	24	7	5	12	117	13	1	14	93	5	1	6	45	11	1	12	81	9	0	9	54
09:15	12	0	12	72	12	0	12	72	5	5	10	105	11	2	13	96	12	1	13	87	6	2	8	66	13	0	13	78	8	0	8	48
09:20	9	0	9	54	12	0	12	72	1	2	3	36	15	1	16	105	13	2	15	108	6	1	7	51	11	0	11	66	13	0	13	78
09:25	7	0	7	42	14	0	14	84	1	1	2	21	11	3	14	111	14	1	15	99	10	1	11	75	10	2	12	90	17	0	17	102
09:30	5	0	5	30	7	0	7	42	0	1	1	15	9	3	12	99	8	1	9	63	4	3	7	69	9	2	11	84	15	0	15	90
09:35	5	0	5	30	10	0	10	60	3	0	3	18	12	3	15	117	7	2	9	72	8	3	11	93	11	0	11	66	13	1	14	93
09:40	5	0	5	30	8	0	8	48	1	1	2	21	12	3	15	117	14	0	14	84	5	3	8	75	13	1	14	93	14	1	15	99
09:45	7	0	7	42	6	0	6	36	3	0	3	18	6	5	11	111	11	2	13	96	4	3	7	69	14	0	14	84	15	1	16	105
09:50	5	0	5	30	7	0	7	42	1	1	2	21	7	4	11	102	14	2	16	114	7	0	7	42	12	2	14	102	13	1	14	93
09:55	7	0	7	42	6	0	6	36	3	0	3	18	10	2	12	90	14	2	16	114	8	2	10	78	11	1	12	81	11	2	13	96

PM Peak Data:

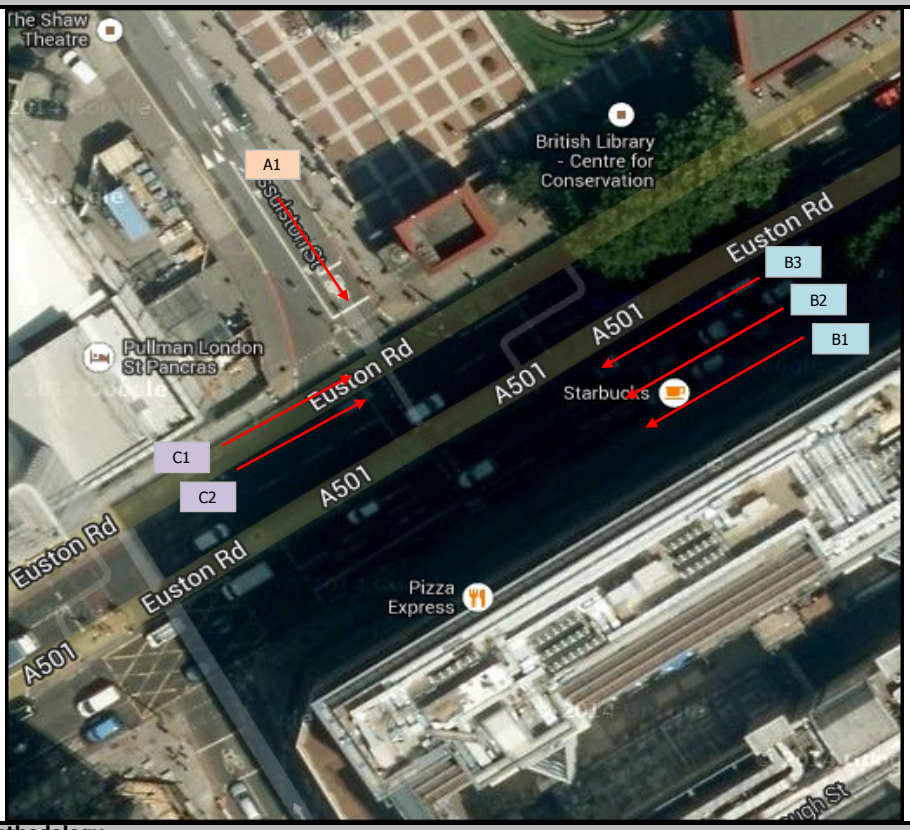
	A1				A2				B1				B2				B3				D1				D2				D3			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	10	0	10	60	13	0	13	78	9	4	13	114	8	4	12	108	12	2	14	102	13	1	14	93	14	1	15	99	13	1	14	93
16:05	10	0	10	60	10	0	10	60	8	4	12	108	5	1	6	45	11	3	14	111	9	3	12	99	13	0	13	78	13	1	14	93
16:10	13	0	13	78	10	0	10	60	3	0	3	18	12	2	14	102	12	3	15	117	6	3	9	81	16	1	17	111	14	0	14	84
16:15	12	0	12	72	13	0	13	78	10	3	13	105	9	4	13	114	14	1	15	99	9	1	10	69	14	0	14	84	12	0	12	72
16:20	8	0	8	48	9	0	9	54	4	0	4	24	11	3	14	111	18	0	18	108	10	2	12	90	16	1	17	111	11	2	13	96
16:25	8	0	8	48	13	0	13	78	0	1	1	15	12	2	14	102	13	2	15	108	10	2	12	90	14	0	14	84	10	1	11	75
16:30	9	0	9	54	14	0	14	84	11	3	14	111	12	2	14	102	14	2	16	114	9	4	13	114	13	0	13	78	8	1	9	63
16:35	10	1	11	75	13	0	13	78	1	1	2	21	12	2	14	102	16	0	16	96	8	2	10	78	11	4	15	126	14	0	14	84
16:40	12	0	12	72	12	0	12	72	0	1	1	15	9	3	12	99	18	0	18	108	10	3	13	105	14	1	15	99	15	0	15	90
16:45	13	0	13	78	7	0	7	42	1	2	3	36	11	2	13	96	15	1	16	105	9	2	11	84	17	0	17	102	13	1	14	93
16:50	11	0	11	66	5	0	5	30	3	1	4	33	6	4	10	96	14	2	16	114	8	2	10	78	15	0	15	90	12	1	13	87
16:55	12	0	12	72	12	0	12	72	1	2	3	36	8	3	11	93	14	1	15	99	9	2	11	84	16	0	16	96	14	1	15	99
17:00	12	0	12	72	13	0	13	78	10	2	12	90	14	2	16	114	6	1	7	51	10	2	12	90	14	0	14	84	13	0	13	78
17:05	10	0	10	60	10	0	10	60	1	2	3	36	7	4	11	102	15	1	16	105	9	3	12	99	10	0	10	60	12	1	13	87
17:10	11	0	11	66	12	0	12	72	3	1	4	33	14	1	15	99	13	1	14	93	11	2	13	96	12	2	14	102	13	1	14	93
17:15	13	0	13	78	13	0	13	78	8	4	12	108	10	3	13	105	9	2	11	84	13	1	14	93	11	1	12	81	13	1	14	93
17:20	14	0	14	84	11	0	11	66	7	0	7	42	11	3	14	111	1	1	2	21	4	4	8	84	13	0	13	78	10	0	10	60
17:25	9	0	9	54	16	0	16	96	10	2	12	90	13	2	15	108	8	0	8	48	9	2	11	84	11	0	11	66	11	0	11	66
17:30	8	0	8	48	8	0	8	48	7	4	11	102	14	2	16	114	9	1	10	69	4	3	7	69	10	2	12	90	12	2	14	102
17:35	11	0	11	66	9	0	9	54	5	0	5	30	12	2	14	102	13	0	13	78	2	3	5	57	9	2	11	84	14	2	16	114
17:40	13	0	13	78	5	0	5	30	8	4	12	108	10	3	13	105	13	2	15	108	8	2	10	78	11	0	11	66	13	0	13	78
17:45	14	0	14	84	8	0	8	48	1	0	1	6	7	0	7	42	16	1	17	111	7	0	7	42	13	1	14	93	15	1	16	105
17:50	13	0	13	78	15	0	15	90	4	1	5	39	12	2	14	102	15	0	15	90	4	3	7	69	14	0	14	84	12	0	12	72
17:55	7	0	7	42	15	0	15	90	6	3	9	81	11	2	13	96	8	1	9	63	5	2	7	60	13	0	13	78	10	0	10	60
18:00	10	0	10	60	14	0	14	84	10	2	12	90	13	2	15	108	14	0	14	84	8	4	12	108	16	1	17	111	10	1	11	75
18:05	11	0	11	66	10	0	10	60	3	1	4	33	10	1	11	75	14	1	15	99	12	1	13	87	14	0	14	84	13	0	13	78
18:10	13	0	13	78	8	0	8	48	4	2	6	54	14	1	15	99	15	1	16	105	11	2	13	96	16	1	17	111	11	0	11	66
18:15	14	0	14	84	10	0	10	60	1	2	3	36	12	2	14	102	7	1	8	57	11	1	12	81	14	0	14	84	12	2	14	102
18:20	8	0	8	48	12	0	12	72	4	1	5	39	13	2	15	108	9	0	9	54	2	1	3	27	13	0	13	78	13	0	13	78
18:25	7	1	8	57	14	0	14	84	4	2	6	54	10	2	12	90	8	0	8	48	6	2	8	66	11	4	15	126	12	1	13	87
18:30	10	0	10	60	7	0	7	42	6	2	8	66	12	2	14	102	15	1	16	105	7	1	8	57	14	1	15	99	14	0	14	84
18:35	9	0	9	54	14	0	14	84	10	3	13	105	12	3	15	117	9	1	10	69	7	4	11	102	17	0	17	102	10	0	10	60
18:40	9	0	9	54	14	0	14	84	4	2	6	54	12	3	15	117	12	0	12	72	5	2	7	60	15	0	15	90	7	0	7	42
18:45	13	0	13	78	14	0	14	84	3	1	4	33	8	2	10	78	13	1	14	93	6	4	10	96	16	0	16	96	6	0	6	36
18:50	10	0	10	60	16	0	16	96	2	1	3	27	11	1	12	81	10	2	12	90	6	3	9	81	14	0	14	84	12	0	12	72
18:55	8	0	8	48	15	0	15	90	2	1	3	27	10	2	12	90	12	0	12	72	1	5	6	81	13	1	14	93	10	0	10	60

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 40
Date of Survey: 12.06.2014
Junction Name: Euston Road / Ossulston Street
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.528592	-0.127505	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Arm C queues counted from the stop line alongside Arm A.

Queues occasionally form to the left of C1.

Queues in Arm C reach Site 120 at times, at around 40m.

Queues in Arm B counted up to the limit of the view. Site 38 is around 85m back from the Site 40 stop line.

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Ossulston Street

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				B1				B2				B3				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	0	0	0	0	1	0	1	6	8	1	9	63	3	0	3	18	1	1	2	21	1	0	1	6
07:05	0	0	0	0	0	1	1	15	3	1	4	33	6	0	6	36	1	0	1	6	1	0	1	6
07:10	0	0	0	0	1	0	1	6	3	0	3	18	4	0	4	24	0	0	0	0	0	1	1	15
07:15	1	0	1	6	0	1	1	15	2	0	2	12	3	1	4	33	1	0	1	6	0	0	0	0
07:20	2	0	2	12	1	1	2	21	6	0	6	36	4	0	4	24	2	0	2	12	1	0	1	6
07:25	1	0	1	6	1	1	2	21	9	1	10	69	6	0	6	36	1	0	1	6	0	0	0	0
07:30	2	0	2	12	1	0	1	6	11	0	11	66	8	1	9	63	2	0	2	12	3	0	3	18
07:35	3	0	3	18	2	1	3	27	10	0	10	60	7	1	8	57	2	0	2	12	0	0	0	0
07:40	0	0	0	0	1	3	4	51	10	0	10	60	11	0	11	66	2	0	2	12	0	1	1	15
07:45	2	0	2	12	4	0	4	24	5	2	7	60	6	2	8	66	4	0	4	24	0	0	0	0
07:50	0	0	0	0	1	1	2	21	8	1	9	63	6	0	6	36	3	0	3	18	0	0	0	0
07:55	0	1	1	15	5	2	7	60	11	0	11	66	7	0	7	42	2	0	2	12	1	0	1	6
08:00	1	0	1	6	2	2	4	42	8	0	8	48	2	0	2	12	2	0	2	12	0	0	0	0
08:05	1	0	1	6	1	0	1	6	6	2	8	66	7	0	7	42	0	1	1	15	3	1	4	33
08:10	1	0	1	6	2	1	3	27	11	0	11	66	6	0	6	36	1	0	1	6	0	0	0	0
08:15	2	1	3	27	2	0	2	12	9	0	9	54	7	0	7	42	1	1	2	21	1	0	1	6
08:20	1	0	1	6	0	1	1	15	12	0	12	72	11	0	11	66	1	0	1	6	0	0	0	0
08:25	2	0	2	12	1	0	1	6	4	1	5	39	4	1	5	39	3	1	4	33	1	0	1	6
08:30	1	0	1	6	3	0	3	18	6	1	7	51	4	1	5	39	1	0	1	6	1	0	1	6
08:35	0	1	1	15	5	2	7	60	5	2	7	60	5	0	5	30	2	0	2	12	0	0	0	0
08:40	2	0	2	12	1	4	5	66	8	2	10	78	5	0	5	30	3	0	3	18	1	0	1	6
08:45	0	0	0	0	1	0	1	6	11	0	11	66	9	0	9	54	3	0	3	18	0	0	0	0
08:50	1	0	1	6	7	1	8	57	5	1	6	45	8	0	8	48	3	0	3	18	2	2	4	42
08:55	4	1	5	39	4	3	7	69	9	0	9	54	6	0	6	36	2	0	2	12	0	0	0	0
09:00	1	0	1	6	2	2	4	42	10	0	10	60	9	0	9	54	1	0	1	6	0	0	0	0
09:05	2	0	2	12	7	1	8	57	12	0	12	72	10	0	10	60	1	0	1	6	0	0	0	0
09:10	1	1	2	21	3	1	4	33	9	0	9	54	4	0	4	24	2	0	2	12	0	0	0	0
09:15	3	0	3	18	3	3	6	63	8	1	9	63	6	0	6	36	3	0	3	18	1	0	1	6
09:20	1	1	2	21	12	0	12	72	7	2	9	72	9	0	9	54	4	1	5	39	0	0	0	0
09:25	2	0	2	12	7	1	8	57	9	0	9	54	5	0	5	30	4	0	4	24	3	0	3	18
09:30	2	0	2	12	8	0	8	48	8	0	8	48	9	0	9	54	3	2	5	48	1	0	1	6
09:35	3	0	3	18	2	2	4	42	7	1	8	57	5	1	6	45	4	0	4	24	2	1	3	27
09:40	1	0	1	6	8	1	9	63	6	1	7	51	4	2	6	54	2	0	2	12	2	0	2	12
09:45	1	0	1	6	3	1	4	33	8	1	9	63	4	1	5	39	6	0	6	36	2	0	2	12
09:50	1	0	1	6	3	0	3	18	4	2	6	54	4	0	4	24	1	2	3	36	3	1	4	33
09:55	1	0	1	6	6	1	7	51	9	0	9	54	8	0	8	48	5	0	5	30	4	0	4	24

PM Peak Data:

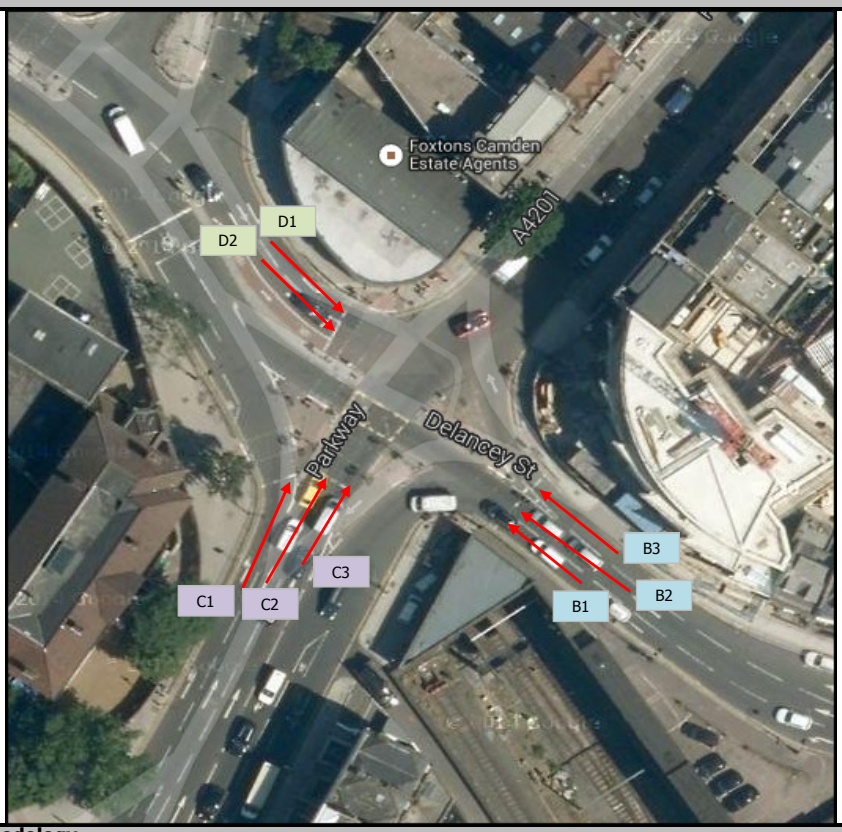
	A1				B1				B2				B3				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	1	0	1	6	5	3	8	75	8	1	9	63	9	1	10	69	1	0	1	6	5	0	5	30
16:05	0	1	1	15	5	2	7	60	7	2	9	72	8	1	9	63	5	0	5	30	3	0	3	18
16:10	1	0	1	6	6	2	8	66	7	1	8	57	5	0	5	30	6	0	6	36	5	0	5	30
16:15	1	0	1	6	6	3	9	81	9	0	9	54	8	0	8	48	2	1	3	27	4	0	4	24
16:20	4	0	4	24	6	2	8	66	8	1	9	63	10	0	10	60	5	0	5	30	4	0	4	24
16:25	1	0	1	6	8	1	9	63	11	0	11	66	9	0	9	54	2	1	3	27	5	0	5	30
16:30	2	0	2	12	7	2	9	72	12	0	12	72	9	1	10	69	4	0	4	24	4	0	4	24
16:35	1	0	1	6	3	4	7	78	9	1	10	69	10	0	10	60	4	1	5	39	5	0	5	30
16:40	2	0	2	12	5	2	7	60	8	1	9	63	11	0	11	66	4	0	4	24	5	0	5	30
16:45	1	0	1	6	3	3	6	63	10	1	11	75	10	0	10	60	5	0	5	30	5	0	5	30
16:50	1	0	1	6	3	4	7	78	12	0	12	72	9	0	9	54	4	0	4	24	3	0	3	18
16:55	2	0	2	12	8	1	9	63	12	0	12	72	11	0	11	66	3	1	4	33	4	0	4	24
17:00	1	0	1	6	5	3	8	75	6	3	9	81	7	0	7	42	4	1	5	39	5	0	5	30
17:05	0	0	0	0	3	2	5	48	8	1	9	63	10	0	10	60	2	0	2	12	3	1	4	33
17:10	2	0	2	12	6	1	7	51	11	0	11	66	10	0	10	60	3	0	3	18	1	0	1	6
17:15	1	0	1	6	5	1	6	45	10	1	11	75	8	1	9	63	1	1	2	21	1	0	1	6
17:20	1	0	1	6	9	0	9	54	12	0	12	72	13	0	13	78	2	0	2	12	2	0	2	12
17:25	1	0	1	6	4	2	6	54	9	2	11	84	11	0	11	66	2	0	2	12	1	0	1	6
17:30	1	0	1	6	4	1	5	39	10	1	11	75	10	0	10	60	1	0	1	6	2	0	2	12
17:35	2	0	2	12	5	3	8	75	7	1	8	57	8	0	8	48	5	0	5	30	2	0	2	12
17:40	2	0	2	12	5	2	7	60	9	0	9	54	9	0	9	54	3	0	3	18	3	0	3	18
17:45	1	0	1	6	7	1	8	57	13	0	13	78	11	0	11	66	4	0	4	24	5	0	5	30
17:50	1	0	1	6	3	3	6	63	11	0	11	66	9	0	9	54	3	0	3	18	5	0	5	30
17:55	1	0	1	6	9	1	10	69	12	0	12	72	11	0	11	66	3	0	3	18	4	0	4	24
18:00	2	0	2	12	6	2	8	66	10	0	10	60	9	0	9	54	6	0	6	36	4	0	4	24
18:05	1	0	1	6	3	3	6	63	13	0	13	78	12	0	12	72	3	0	3	18	3	1	4	33
18:10	1	0	1	6	4	2	6	54	11	0	11	66	9	0	9	54	5	0	5	30	5	0	5	30
18:15	1	0	1	6	7	1	8	57	10	1	11	75	9	1	10	69	2	0	2	12	6	0	6	36
18:20	1	0	1	6	5	0	5	30	11	1	12	81	10	1	11	75	2	0	2	12	5	0	5	30
18:25	1	0	1	6	5	1	6	45	12	0	12	72	12	0	12	72	2	0	2	12	2	0	2	12
18:30	4	0	4	24	4	2	6	54	11	0	11	66	12	0	12	72	3	0	3	18	2	0	2	12
18:35	1	0	1	6	6	1	7	51	13	0	13	78	13	0	13	78	3	0	3	18	2	0	2	12
18:40	1	0	1	6	10	0	10	60	10	1	11	75	13	0	13	78	2	0	2	12	4	0	4	24
18:45	3	0	3	18	3	1	4	33	6	0	6	36	8	0	8	48	4	0	4	24	2	0	2	12
18:50	1	0	1	6	5	3	8	75	11	0	11	66	7	2	9	72	4	0	4	24	2	0	2	12
18:55	2	0	2	12	4	0	4	24	12	0	12	72	10	1	11	75	2	0	2	12	4	0	4	24

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 49
Date of Survey: 10.06.2014
Junction Name: Parkway / Delancey Street / Regents Park Road
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.536751	-0.146315	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queues in Arm C are counted up to Site 50 (at around 60m).

Queues in Arm D are counted up to Site 49 (at around 35m).

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Parkway / Delancey Street / Regents Park Road

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	B1				B2				B3				C1				C2				C3				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	9	1	10	69	4	1	5	39	1	0	1	6	2	0	2	12	1	0	1	6	3	0	3	18	1	0	1	6	0	1	1	15
07:05	9	0	9	54	6	0	6	36	1	0	1	6	2	0	2	12	1	0	1	6	2	0	2	12	1	0	1	6	4	0	4	24
07:10	5	3	8	75	7	1	8	57	1	0	1	6	2	0	2	12	3	0	3	18	6	0	6	36	0	0	0	0	2	0	2	12
07:15	8	1	9	63	5	1	6	45	0	0	0	0	1	0	1	6	2	0	2	12	6	0	6	36	1	0	1	6	0	0	0	0
07:20	6	0	6	36	6	0	6	36	1	0	1	6	0	1	1	15	3	0	3	18	5	0	5	30	1	0	1	6	1	0	1	6
07:25	7	1	8	57	6	2	8	66	0	0	0	0	2	0	2	12	2	0	2	12	4	1	5	39	1	1	2	21	2	0	2	12
07:30	17	0	17	102	6	1	7	51	0	0	0	0	1	0	1	6	2	0	2	12	5	0	5	30	5	0	5	30	6	0	6	36
07:35	11	2	13	96	8	0	8	48	1	0	1	6	1	0	1	6	3	0	3	18	7	0	7	42	0	1	1	15	2	0	2	12
07:40	9	1	10	69	4	1	5	39	1	0	1	6	1	0	1	6	2	3	5	57	5	0	5	30	1	0	1	6	3	0	3	18
07:45	12	0	12	72	6	0	6	36	1	0	1	6	4	0	4	24	5	0	5	30	9	0	9	54	1	1	2	21	2	0	2	12
07:50	9	1	10	69	7	0	7	42	1	0	1	6	3	0	3	18	2	1	3	27	5	0	5	30	4	0	4	24	0	1	1	15
07:55	9	1	10	69	5	1	6	45	1	0	1	6	0	1	1	15	4	0	4	24	5	0	5	30	1	1	2	21	3	0	3	18
08:00	13	2	15	108	8	0	8	48	2	0	2	12	1	0	1	6	4	0	4	24	7	0	7	42	1	0	1	6	1	0	1	6
08:05	12	0	12	72	6	0	6	36	1	0	1	6	6	0	6	36	2	0	2	12	3	0	3	18	1	0	1	6	3	0	3	18
08:10	9	1	10	69	4	1	5	39	2	0	2	12	2	0	2	12	0	2	2	30	7	0	7	42	3	1	4	33	4	0	4	24
08:15	9	0	9	54	6	0	6	36	1	0	1	6	1	0	1	6	3	0	3	18	6	0	6	36	5	0	5	30	4	0	4	24
08:20	6	1	7	51	6	0	6	36	0	0	0	0	1	0	1	6	2	0	2	12	5	0	5	30	3	1	4	33	3	0	3	18
08:25	11	0	11	66	4	0	4	24	1	0	1	6	3	0	3	18	4	0	4	24	5	0	5	30	2	0	2	12	3	0	3	18
08:30	5	1	6	45	8	0	8	48	1	0	1	6	3	2	5	48	2	1	3	27	4	0	4	24	3	0	3	18	4	0	4	24
08:35	10	0	10	60	8	0	8	48	0	0	0	0	5	1	6	45	5	0	5	30	6	0	6	36	3	0	3	18	3	0	3	18
08:40	9	0	9	54	6	0	6	36	2	0	2	12	6	1	7	51	2	0	2	12	8	0	8	48	2	0	2	12	4	0	4	24
08:45	10	1	11	75	6	1	7	51	1	0	1	6	7	0	7	42	2	0	2	12	5	0	5	30	2	1	3	27	4	0	4	24
08:50	7	1	8	57	8	0	8	48	1	0	1	6	3	0	3	18	2	1	3	27	9	0	9	54	4	0	4	24	5	0	5	30
08:55	5	2	7	60	7	0	7	42	2	0	2	12	2	0	2	12	4	1	5	39	6	0	6	36	5	0	5	30	2	1	3	27
09:00	3	4	7	78	8	0	8	48	1	0	1	6	3	1	4	33	7	0	7	42	6	0	6	36	3	0	3	18	3	0	3	18
09:05	5	2	7	60	5	1	6	45	1	0	1	6	2	0	2	12	3	1	4	33	8	0	8	48	1	2	3	36	4	1	5	39
09:10	11	1	12	81	3	2	5	48	2	0	2	12	1	0	1	6	1	2	3	36	7	0	7	42	5	1	6	45	5	0	5	30
09:15	11	0	11	66	7	0	7	42	1	0	1	6	0	1	1	15	5	0	5	30	5	0	5	30	2	0	2	12	3	0	3	18
09:20	4	0	4	24	4	1	5	39	0	1	1	15	3	0	3	18	3	0	3	18	7	0	7	42	2	0	2	12	2	0	2	12
09:25	2	1	3	27	3	2	5	48	2	0	2	12	2	0	2	12	3	0	3	18	4	0	4	24	3	0	3	18	5	0	5	30
09:30	9	0	9	54	5	0	5	30	0	0	0	0	0	1	1	15	4	0	4	24	4	1	5	39	2	0	2	12	3	0	3	18
09:35	4	0	4	24	6	1	7	51	2	0	2	12	2	0	2	12	2	2	4	42	4	0	4	24	0	0	0	0	1	1	2	21
09:40	7	1	8	57	7	0	7	42	2	0	2	12	3	1	4	33	3	0	3	18	7	0	7	42	4	0	4	24	2	0	2	12
09:45	7	0	7	42	5	0	5	30	1	0	1	6	2	0	2	12	5	0	5	30	8	0	8	48	3	1	4	33	3	0	3	18
09:50	6	1	7	51	2	1	3	27	1	0	1	6	1	0	1	6	2	0	2	12	4	0	4	24	4	0	4	24	4	0	4	24
09:55	7	0	7	42	7	0	7	42	1	0	1	6	2	0	2	12	4	0	4	24	6	0	6	36	4	0	4	24	4	1	5	39

PM Peak Data:

	B1				B2				B3				C1				C2				C3				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	5	2	7	60	8	0	8	48	2	0	2	12	3	0	3	18	2	1	3	27	9	0	9	54	4	0	4	24	2	0	2	12
16:05	7	1	8	57	5	0	5	30	1	0	1	6	8	0	8	48	3	0	3	18	7	1	8	57	4	0	4	24	4	0	4	24
16:10	4	1	5	39	9	0	9	54	1	0	1	6	3	3	6	63	6	1	7	51	10	0	10	60	1	1	2	21	2	0	2	12
16:15	7	0	7	42	8	0	8	48	2	0	2	12	3	0	3	18	5	0	5	30	7	0	7	42	1	0	1	6	2	0	2	12
16:20	4	1	5	39	8	0	8	48	2	0	2	12	3	0	3	18	3	0	3	18	5	0	5	30	2	1	3	27	3	0	3	18
16:25	8	0	8	48	8	0	8	48	0	0	0	0	2	0	2	12	7	0	7	42	5	2	7	60	2	0	2	12	3	0	3	18
16:30	10	0	10	60	7	0	7	42	1	0	1	6	3	0	3	18	4	1	5	39	7	0	7	42	2	0	2	12	2	0	2	12
16:35	5	0	5	30	8	0	8	48	1	0	1	6	3	0	3	18	4	0	4	24	6	1	7	51	4	0	4	24	3	1	4	33
16:40	4	0	4	24	4	1	5	39	1	0	1	6	2	0	2	12	7	0	7	42	9	1	10	69	2	0	2	12	2	0	2	12
16:45	5	0	5	30	7	0	7	42	0	0	0	0	3	1	4	33	9	0	9	54	9	1	10	69	1	0	1	6	1	1	2	21
16:50	6	1	7	51	6	0	6	36	1	0	1	6	4	0	4	24	8	0	8	48	7	0	7	42	3	0	3	18	3	0	3	18
16:55	7	0	7	42	5	0	5	30	1	0	1	6	3	0	3	18	7	0	7	42	7	0	7	42	1	0	1	6	3	0	3	18
17:00	8	0	8	48	3	0	3	18	1	0	1	6	5	0	5	30	8	0	8	48	8	0	8	48	3	0	3	18	3	0	3	18
17:05	7	0	7	42	6	0	6	36	2	0	2	12	5	0	5	30	9	0	9	54	10	0	10	60	0	1	1	15	1	0	1	6
17:10	12	0	12	72	15	0	15	90	1	0	1	6	4	0	4	24	8	0	8	48	10	0	10	60	1	0	1	6	3	1	4	33
17:15	5	0	5	30	9	0	9	54	0	0	0	0	6	1	7	51	10	0	10	60	10	0	10	60	2	1	3	27	2	0	2	12
17:20	6	0	6	36	6	0	6	36	0	0	0	0	10	0	10	60	10	0	10	60	9	1	10	69	3	1	4	33	6	0	6	36
17:25	4	0	4	24	8	0	8	48	0	0	0	0	4	0	4	24	10	0	10	60	10	0	10	60	1	0	1	6	7	0	7	42
17:30	5	1	6	45	4	1	5	39	2	0	2	12	4	0	4	24	9	0	9	54	10	0	10	60	3	0	3	18	3	1	4	33
17:35	10	0	10	60	7	0	7	42	1	0	1	6	6	0	6	36	10	0	10	60	10	0	10	60	2	0	2	12	5	0	5	30
17:40	6	1	7	51	8	0	8	48	1	0	1	6	5	0	5	30	9	0	9	54	11	0	11	66	1	0	1	6	4	0	4	24
17:45	9	0	9	54	10	0	10	60	0	0	0	0	7	0	7	42	9	1	10	69	10	0	10	60	1	0	1	6	5	0	5	30
17:50	7	1	8	57	7	0	7	42	1	0	1	6	7	0	7	42	8	0	8	48	10	0	10	60	4	0	4	24	5	0	5	30
17:55	8	0	8	48	8	0	8	48	1	0	1	6	7	0	7	42	8	1	9	63	10	0	10	60	4	1	5	39	2	0	2	12
18:00	3	0	3	18	8	0	8	48	3	0	3	18	7	0	7	42	8	1	9	63	10	0	10	60	3	2	5	48	1	0	1	6
18:05	7	0	7	42	9	0	9	54	3	0	3	18	2	0	2	12	6	2	8	66	10	0	10	60	3	2	5	48	2	0	2	12
18:10	5	0	5	30	6	0	6	36	1	0	1	6	8	0	8	48	10	1	11	75	12	0	12	72	3	0	3	18	4	0	4	24
18:15	4	0	4	24	7	0	7	42	3	0	3	18	9	0	9	54	8	1	9	63	11	0	11	66	5	0	5	30	5	0	5	30
18:20	7	0	7	42	8	0	8	48	0	0	0	0	8	1	9	63	8	0	8	48	11	0	11	66	5	0	5	30	4	0	4	24
18:25	9	1	10	69	7	0	7	42	1	0	1	6	9	0	9	54	8	1	9	63	10	1	11	75	4	1	5	39	4	0	4	24
18:30	9	1	10	69	5	0	5	30	0	0	0	0	6	0	6	36	8	1	9	63	12	0	12	72	4	0	4	24	4	1	5	39
18:35	4	0	4	24	4	0	4	24	1	0	1	6	6	0	6	36	10	0	10	60	11	0	11	66	4	1	5	39	6	0	6	36
18:40	7	0	7	42	8	0	8	48	1	0	1	6	8	0	8	48	11	0	11	66	11	0	11	66	6	0	6	36	6	0	6	36
18:45	7	0	7	42	9	0	9	54	0	0	0	0	7	0	7	42	9	0	9	54	10	0	10	60	4	1	5	39	4	1	5	39
18:50	2	0	2	12	6	1	7	51	3	0	3	18	3	0	3	18	8	1	9	63	9	0	9	54	4	1	5	39	7	0	7	42
18:55	3	0	3	18	11	0	11	66	3	0	3	18	4	0	4	24	7	0	7	42	8	0	8	48	5	0	5	30	5	0	5	30

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 50
Date of Survey: 10.06.2014
Junction Name: Prince Albert Road / Park Village East / Gloucester Gate
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.536075	-0.146798	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Arm A queues are counted up to Site 49, at around 60m.

Arm C queues are counted up to Site 51, at around 50m. Vehicles are seen to stop on the keep clear area at Site 51 regularly.

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Prince Albert Road / Park Village East / Gloucester Gate

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				A2				C1				C2				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	0	1	1	15	0	2	2	30	3	0	3	18	1	1	2	21	6	0	6	36	10	0	10	60
07:05	0	1	1	15	0	0	0	0	2	0	2	12	2	0	2	12	1	0	1	6	10	0	10	60
07:10	0	1	1	15	1	0	1	6	0	0	0	0	1	0	1	6	1	0	1	6	5	2	7	60
07:15	0	2	2	30	4	0	4	24	1	0	1	6	2	0	2	12	9	1	10	69	7	1	8	57
07:20	0	1	1	15	1	0	1	6	3	0	3	18	3	0	3	18	3	0	3	18	12	0	12	72
07:25	1	0	1	6	1	1	2	21	2	0	2	12	3	0	3	18	5	0	5	30	6	1	7	51
07:30	3	0	3	18	2	1	3	27	2	0	2	12	1	0	1	6	3	0	3	18	14	0	14	84
07:35	1	0	1	6	2	0	2	12	3	2	5	48	4	0	4	24	10	1	11	75	13	1	14	93
07:40	2	0	2	12	1	0	1	6	2	0	2	12	5	0	5	30	13	0	13	78	12	1	13	87
07:45	1	0	1	6	3	0	3	18	4	0	4	24	3	0	3	18	1	0	1	6	13	0	13	78
07:50	0	1	1	15	0	0	0	0	5	0	5	30	3	1	4	33	2	0	2	12	12	1	13	87
07:55	3	1	4	33	1	0	1	6	3	0	3	18	2	0	2	12	1	0	1	6	10	0	10	60
08:00	0	1	1	15	2	0	2	12	4	0	4	24	4	0	4	24	9	0	9	54	7	1	8	57
08:05	3	0	3	18	1	0	1	6	4	0	4	24	3	0	3	18	7	0	7	42	13	1	14	93
08:10	3	0	3	18	2	0	2	12	3	1	4	33	4	0	4	24	2	0	2	12	8	1	9	63
08:15	3	1	4	33	2	0	2	12	3	0	3	18	5	0	5	30	1	0	1	6	8	1	9	63
08:20	2	0	2	12	0	0	0	0	7	0	7	42	2	2	4	42	6	0	6	36	9	0	9	54
08:25	3	0	3	18	2	0	2	12	4	1	5	39	4	0	4	24	14	0	14	84	11	2	13	96
08:30	4	0	4	24	7	0	7	42	6	1	7	51	5	0	5	30	8	0	8	48	9	2	11	84
08:35	4	0	4	24	6	0	6	36	8	0	8	48	3	0	3	18	9	0	9	54	6	2	8	66
08:40	8	0	8	48	8	0	8	48	6	0	6	36	2	1	3	27	6	1	7	51	6	2	8	66
08:45	1	1	2	21	3	0	3	18	5	0	5	30	3	0	3	18	1	0	1	6	11	1	12	81
08:50	5	0	5	30	6	0	6	36	5	0	5	30	5	0	5	30	10	0	10	60	12	0	12	72
08:55	7	1	8	57	7	0	7	42	5	0	5	30	3	1	4	33	11	0	11	66	10	0	10	60
09:00	3	0	3	18	4	0	4	24	3	1	4	33	4	0	4	24	9	1	10	69	10	1	11	75
09:05	5	0	5	30	4	0	4	24	4	0	4	24	4	0	4	24	0	0	0	0	7	2	9	72
09:10	3	0	3	18	3	0	3	18	4	0	4	24	5	0	5	30	10	0	10	60	10	1	11	75
09:15	5	0	5	30	2	1	3	27	5	0	5	30	5	0	5	30	7	1	8	57	10	1	11	75
09:20	3	0	3	18	1	0	1	6	3	0	3	18	3	0	3	18	0	0	0	0	7	2	9	72
09:25	7	0	7	42	4	1	5	39	4	1	5	39	4	0	4	24	8	1	9	63	11	0	11	66
09:30	2	1	3	27	5	0	5	30	1	1	2	21	5	0	5	30	10	2	12	90	8	2	10	78
09:35	2	0	2	12	6	0	6	36	4	1	5	39	2	1	3	27	0	0	0	0	14	1	15	99
09:40	3	1	4	33	6	0	6	36	6	0	6	36	2	1	3	27	0	0	0	0	11	1	12	81
09:45	5	1	6	45	3	0	3	18	5	0	5	30	5	0	5	30	11	0	11	66	14	0	14	84
09:50	1	1	2	21	1	0	1	6	0	2	2	30	3	0	3	18	8	0	8	48	13	0	13	78
09:55	1	1	2	21	5	0	5	30	3	0	3	18	6	0	6	36	8	2	10	78	11	1	12	81

PM Peak Data:

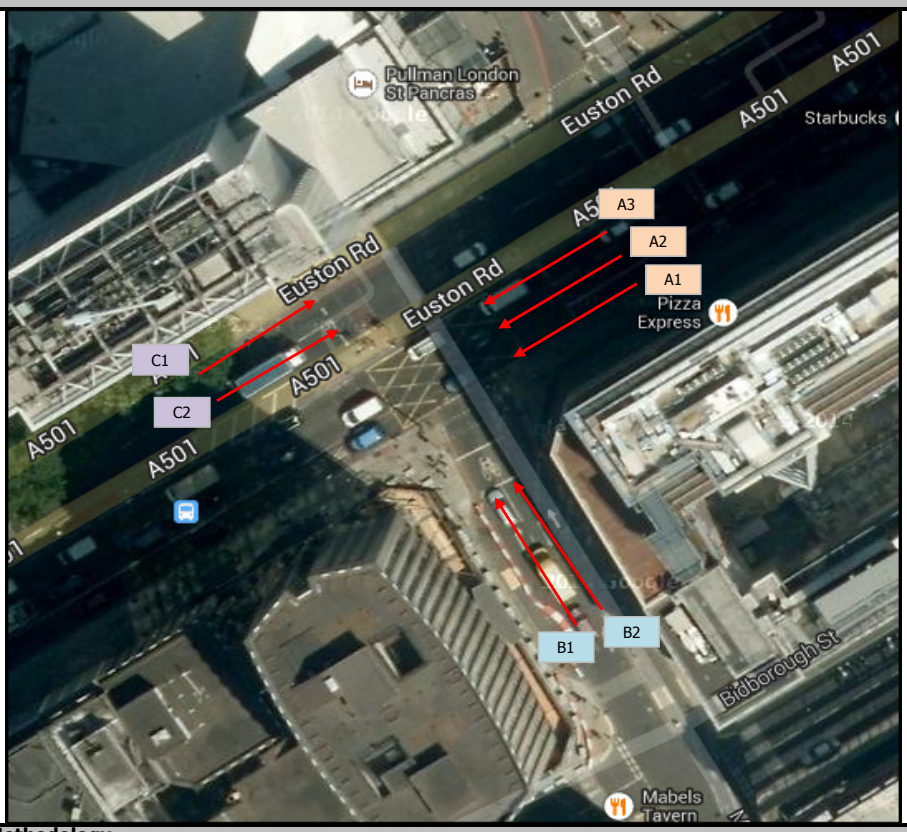
	A1				A2				C1				C2				D1				D2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	2	0	2	12	7	1	8	57	4	0	4	24	5	0	5	30	13	0	13	78	10	0	10	60
16:05	1	0	1	6	7	1	8	57	5	0	5	30	7	0	7	42	9	0	9	54	5	3	8	75
16:10	2	0	2	12	4	0	4	24	4	1	5	39	7	0	7	42	6	3	9	81	7	2	9	72
16:15	5	0	5	30	7	0	7	42	6	0	6	36	8	0	8	48	10	0	10	60	11	2	13	96
16:20	5	0	5	30	7	0	7	42	4	0	4	24	5	0	5	30	8	1	9	63	7	3	10	87
16:25	5	0	5	30	6	0	6	36	4	0	4	24	1	2	3	36	9	1	10	69	12	0	12	72
16:30	2	1	3	27	8	0	8	48	7	0	7	42	8	0	8	48	9	0	9	54	10	0	10	60
16:35	6	0	6	36	7	0	7	42	5	0	5	30	4	0	4	24	11	0	11	66	9	0	9	54
16:40	5	0	5	30	3	0	3	18	7	0	7	42	9	0	9	54	1	0	1	6	11	1	12	81
16:45	3	1	4	33	5	0	5	30	6	0	6	36	5	0	5	30	12	0	12	72	12	0	12	72
16:50	3	1	4	33	10	0	10	60	4	1	5	39	5	0	5	30	7	0	7	42	8	0	8	48
16:55	4	0	4	24	4	0	4	24	4	0	4	24	5	1	6	45	12	0	12	72	12	0	12	72
17:00	5	0	5	30	3	0	3	18	7	0	7	42	6	0	6	36	14	0	14	84	14	0	14	84
17:05	3	0	3	18	5	0	5	30	7	0	7	42	8	0	8	48	14	0	14	84	13	0	13	78
17:10	5	0	5	30	6	0	6	36	7	0	7	42	8	0	8	48	5	0	5	30	10	0	10	60
17:15	1	2	3	36	5	0	5	30	6	1	7	51	7	0	7	42	12	0	12	72	12	0	12	72
17:20	5	0	5	30	7	0	7	42	5	1	6	45	7	0	7	42	10	2	12	90	4	0	4	24
17:25	5	0	5	30	6	0	6	36	7	1	8	57	7	0	7	42	13	0	13	78	12	0	12	72
17:30	5	1	6	45	4	0	4	24	7	1	8	57	8	0	8	48	13	0	13	78	6	0	6	36
17:35	5	0	5	30	6	0	6	36	8	0	8	48	9	0	9	54	14	0	14	84	12	0	12	72
17:40	10	0	10	60	6	2	8	66	8	0	8	48	8	0	8	48	12	0	12	72	12	1	13	87
17:45	10	0	10	60	10	1	11	75	7	0	7	42	8	0	8	48	13	0	13	78	5	0	5	30
17:50	6	1	7	51	7	0	7	42	5	1	6	45	7	0	7	42	14	0	14	84	8	0	8	48
17:55	9	0	9	54	11	0	11	66	6	0	6	36	7	0	7	42	14	0	14	84	13	0	13	78
18:00	3	0	3	18	5	0	5	30	5	1	6	45	6	0	6	36	14	0	14	84	12	0	12	72
18:05	5	1	6	45	6	0	6	36	6	0	6	36	6	0	6	36	12	1	13	87	5	0	5	30
18:10	5	0	5	30	4	0	4	24	7	1	8	57	8	0	8	48	14	0	14	84	14	0	14	84
18:15	6	0	6	36	3	0	3	18	8	0	8	48	6	0	6	36	14	0	14	84	10	0	10	60
18:20	3	0	3	18	6	0	6	36	5	1	6	45	7	0	7	42	14	0	14	84	14	0	14	84
18:25	4	0	4	24	5	0	5	30	8	0	8	48	8	0	8	48	13	1	14	93	10	1	11	75
18:30	0	0	0	0	2	0	2	12	5	1	6	45	6	0	6	36	14	0	14	84	14	0	14	84
18:35	4	0	4	24	0	0	0	0	7	0	7	42	7	0	7	42	4	0	4	24	14	0	14	84
18:40	4	0	4	24	3	0	3	18	8	0	8	48	8	0	8	48	14	1	15	99	14	0	14	84
18:45	4	0	4	24	4	0	4	24	9	0	9	54	8	0	8	48	0	0	0	0	14	0	14	84
18:50	3	0	3	18	5	0	5	30	5	1	6	45	7	0	7	42	11	1	12	81	14	0	14	84
18:55	3	0	3	18	2	0	2	12	6	0	6	36	7	0	7	42	3	0	3	18	14	0	14	84

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 120
Date of Survey: 12.06.2014
Junction Name: Euston Road / Mabledon Place
Survey Type: Queue Length Survey

X Coordinate	Y Coordinate	Google Maps Link
51.528424	-0.127926	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Queue Length Methodology

The maximum queue length, in vehicles, is reported by lane for each five-minute period. Counts done as signals changed to green.

These are segregated into 'light' and 'heavy' vehicles, and are then presented as a maximum queue length using the assumption that a light vehicle contributes 6m to a queue and a heavy vehicle 15m. These values can be updated by the user.

Highlighted intervals are ones in which the queues extend beyond the camera view. The limits of the camera view are partly determined by the positions of the vehicles. For example, if vehicles are leaving a larger gap behind the vehicle in front in one particular interval, then the maximum number which can be counted may be limited to 20, when it is seen to be half a dozen vehicles higher in other intervals.

Flare lane counts are assigned according to the position of the front vehicle and counted all the way back, even if they extend into another lane. Counts may therefore appear higher than the designated space would allow for.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Queues in Arm A reach Site 40 regularly, at around 40m.

Heavy vehicles working at the construction site regularly block lane B2.

Queues in Arm C reach Site 37 regularly, at around 50m.

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Mabledon Place

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Length Assumptions (metres): **Lights** 6 **Heavies** 15

AM Peak Data:

	A1				A2				A3				B1				B2				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
07:00	0	0	0	0	3	0	3	18	3	1	4	33	1	0	1	6	1	0	1	6	1	2	3	36	4	0	4	24
07:05	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	6	1	0	1	6	1	3	4	51	2	0	2	12
07:10	0	1	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	15	2	1	3	27	5	0	5	30
07:15	0	0	0	0	1	0	1	6	5	0	5	30	3	0	3	18	1	0	1	6	2	2	4	42	7	0	7	42
07:20	0	1	1	15	5	0	5	30	0	0	0	0	2	0	2	12	1	0	1	6	2	2	4	42	4	1	5	39
07:25	0	1	1	15	4	1	5	39	4	1	5	39	4	0	4	24	1	0	1	6	1	3	4	51	1	0	1	6
07:30	0	1	1	15	5	0	5	30	5	0	5	30	2	0	2	12	0	0	0	0	1	3	4	51	2	2	4	42
07:35	0	2	2	30	5	0	5	30	3	1	4	33	2	0	2	12	0	0	0	0	3	2	5	48	5	0	5	30
07:40	0	2	2	30	3	1	4	33	5	0	5	30	3	0	3	18	0	1	1	15	2	2	4	42	2	0	2	12
07:45	1	1	2	21	4	1	5	39	6	0	6	36	3	0	3	18	1	0	1	6	2	2	4	42	2	0	2	12
07:50	0	0	0	0	5	0	5	30	5	0	5	30	4	0	4	24	0	0	0	0	0	0	0	0	3	0	3	18
07:55	0	2	2	30	2	2	4	42	5	0	5	30	2	0	2	12	1	0	1	6	1	3	4	51	3	0	3	18
08:00	3	1	4	33	2	1	3	27	5	0	5	30	5	1	6	45	0	0	0	0	3	1	4	33	1	0	1	6
08:05	0	0	0	0	4	1	5	39	4	1	5	39	3	0	3	18	0	0	0	0	2	2	4	42	3	0	3	18
08:10	2	0	2	12	5	0	5	30	5	0	5	30	4	1	5	39	0	0	0	0	7	0	7	42	4	1	5	39
08:15	0	0	0	0	5	0	5	30	3	1	4	33	5	1	6	45	0	1	1	15	2	2	4	42	3	0	3	18
08:20	3	1	4	33	4	1	5	39	5	0	5	30	4	0	4	24	2	0	2	12	3	1	4	33	2	0	2	12
08:25	0	0	0	0	0	2	2	30	0	0	0	0	1	1	2	21	2	0	2	12	4	1	5	39	3	0	3	18
08:30	2	0	2	12	5	0	5	30	2	0	2	12	3	0	3	18	1	0	1	6	2	2	4	42	4	0	4	24
08:35	0	0	0	0	5	0	5	30	5	0	5	30	2	0	2	12	1	0	1	6	3	2	5	48	3	0	3	18
08:40	1	0	1	6	5	0	5	30	5	0	5	30	9	0	9	54	1	0	1	6	2	2	4	42	2	0	2	12
08:45	1	2	3	36	6	0	6	36	4	1	5	39	4	0	4	24	1	0	1	6	4	1	5	39	1	0	1	6
08:50	3	1	4	33	5	0	5	30	5	0	5	30	2	0	2	12	1	1	2	21	0	2	2	30	2	0	2	12
08:55	4	1	5	39	5	0	5	30	4	0	4	24	3	0	3	18	1	0	1	6	4	1	5	39	3	1	4	33
09:00	1	2	3	36	5	0	5	30	5	0	5	30	3	0	3	18	1	0	1	6	1	3	4	51	2	0	2	12
09:05	4	1	5	39	6	0	6	36	5	0	5	30	4	0	4	24	0	0	0	0	0	3	3	45	2	0	2	12
09:10	5	0	5	30	6	0	6	36	5	0	5	30	4	0	4	24	0	0	0	0	2	2	4	42	6	0	6	36
09:15	0	2	2	30	3	1	4	33	5	0	5	30	7	0	7	42	0	0	0	0	2	2	4	42	2	0	2	12
09:20	1	2	3	36	4	1	5	39	4	1	5	39	8	1	9	63	0	0	0	0	5	1	6	45	4	1	5	39
09:25	6	0	6	36	6	0	6	36	5	0	5	30	6	0	6	36	0	0	0	0	4	1	5	39	3	1	4	33
09:30	5	0	5	30	6	0	6	36	5	0	5	30	6	1	7	51	0	0	0	0	7	0	7	42	4	1	5	39
09:35	1	0	1	6	5	0	5	30	3	1	4	33	7	1	8	57	0	1	1	15	8	0	8	48	5	0	5	30
09:40	1	0	1	6	3	0	3	18	3	1	4	33	8	0	8	48	1	0	1	6	3	2	5	48	5	1	6	45
09:45	4	0	4	24	1	2	3	36	5	0	5	30	7	0	7	42	2	0	2	12	5	1	6	45	4	1	5	39
09:50	1	0	1	6	4	1	5	39	5	0	5	30	3	0	3	18	1	0	1	6	0	3	3	45	3	2	5	48
09:55	6	0	6	36	6	0	6	36	6	0	6	36	6	0	6	36	3	1	4	33	4	2	6	54	5	0	5	30

PM Peak Data:

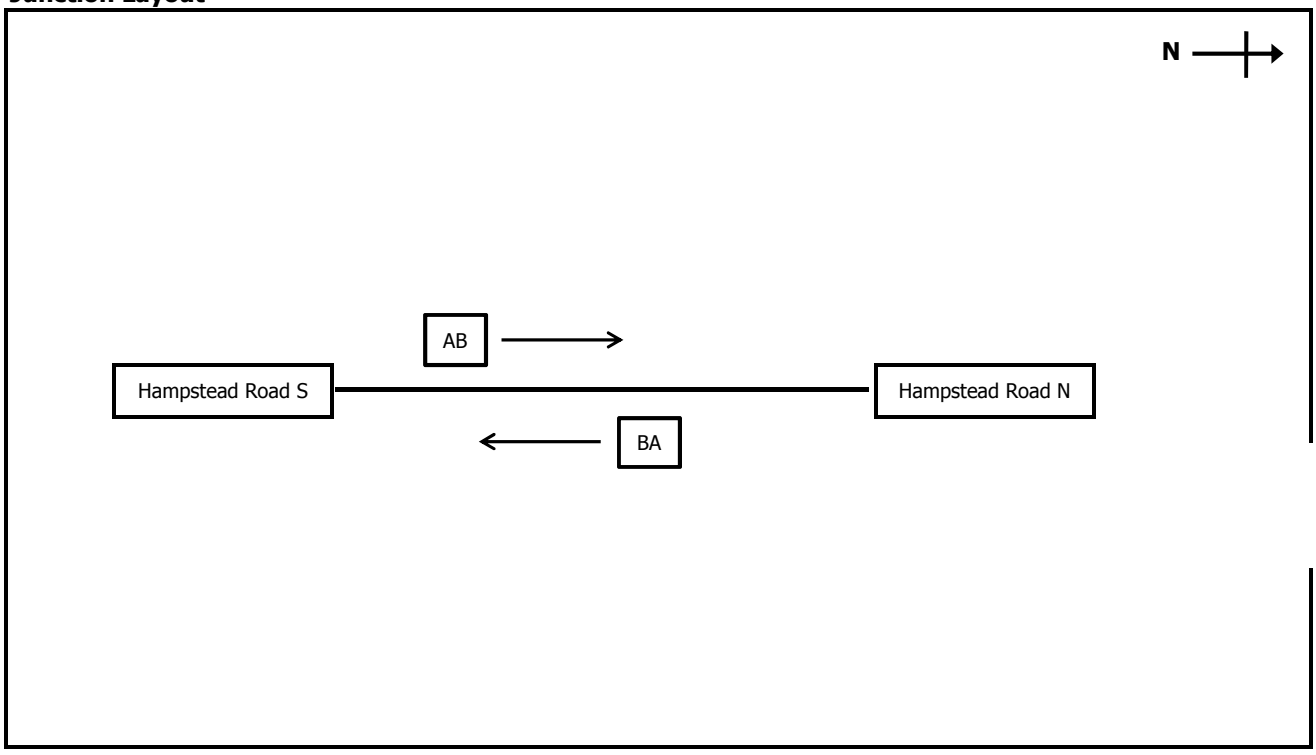
	A1				A2				A3				B1				B2				C1				C2			
Time	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)	Lights	Heavies	Total	Length (m)
16:00	0	3	3	45	6	0	6	36	6	0	6	36	6	0	6	36	3	0	3	18	3	2	5	48	6	0	6	36
16:05	6	0	6	36	4	1	5	39	5	1	6	45	4	0	4	24	3	0	3	18	5	1	6	45	4	1	5	39
16:10	3	1	4	33	6	0	6	36	6	0	6	36	5	0	5	30	3	0	3	18	6	1	7	51	5	1	6	45
16:15	3	1	4	33	6	0	6	36	6	0	6	36	3	1	4	33	5	0	5	30	2	3	5	57	5	1	6	45
16:20	6	0	6	36	5	0	5	30	6	0	6	36	5	0	5	30	2	0	2	12	7	0	7	42	7	0	7	42
16:25	6	0	6	36	4	1	5	39	5	0	5	30	3	0	3	18	2	0	2	12	5	1	6	45	7	0	7	42
16:30	1	2	3	36	6	0	6	36	6	0	6	36	5	0	5	30	0	0	0	0	3	2	5	48	7	0	7	42
16:35	6	0	6	36	4	1	5	39	6	0	6	36	3	1	4	33	0	0	0	0	8	0	8	48	6	0	6	36
16:40	4	1	5	39	6	0	6	36	6	0	6	36	3	0	3	18	2	0	2	12	8	0	8	48	5	1	6	45
16:45	4	1	5	39	6	0	6	36	6	0	6	36	3	0	3	18	2	0	2	12	2	3	5	57	5	1	6	45
16:50	6	0	6	36	6	0	6	36	6	0	6	36	3	1	4	33	2	0	2	12	2	3	5	57	7	0	7	42
16:55	6	0	6	36	6	0	6	36	6	0	6	36	2	1	3	27	5	0	5	30	8	0	8	48	7	0	7	42
17:00	4	1	5	39	2	2	4	42	6	0	6	36	3	1	4	33	3	0	3	18	5	1	6	45	7	0	7	42
17:05	6	0	6	36	6	0	6	36	6	0	6	36	8	0	8	48	9	0	9	54	2	3	5	57	7	0	7	42
17:10	4	1	5	39	6	0	6	36	6	0	6	36	7	0	7	42	7	0	7	42	5	1	6	45	5	1	6	45
17:15	4	0	4	24	6	0	6	36	6	0	6	36	5	0	5	30	5	0	5	30	1	3	4	51	2	0	2	12
17:20	6	0	6	36	6	0	6	36	6	0	6	36	2	0	2	12	2	0	2	12	5	1	6	45	4	0	4	24
17:25	6	0	6	36	2	2	4	42	4	1	5	39	5	0	5	30	3	0	3	18	1	2	3	36	2	0	2	12
17:30	6	0	6	36	6	0	6	36	6	0	6	36	4	0	4	24	3	0	3	18	0	2	2	30	3	0	3	18
17:35	6	0	6	36	6	0	6	36	6	0	6	36	4	0	4	24	4	0	4	24	0	2	2	30	3	0	3	18
17:40	4	1	5	39	6	0	6	36	6	0	6	36	5	0	5	30	4	0	4	24	5	1	6	45	7	0	7	42
17:45	4	1	5	39	6	0	6	36	4	1	5	39	4	0	4	24	2	0	2	12	7	0	7	42	7	0	7	42
17:50	6	0	6	36	6	0	6	36	4	1	5	39	4	0	4	24	3	0	3	18	5	1	6	45	6	0	6	36
17:55	6	0	6	36	6	0	6	36	6	0	6	36	2	0	2	12	2	0	2	12	3	2	5	48	7	0	7	42
18:00	6	0	6	36	6	0	6	36	6	0	6	36	4	0	4	24	4	0	4	24	3	2	5	48	7	0	7	42
18:05	6	0	6	36	6	0	6	36	6	0	6	36	3	0	3	18	3	0	3	18	7	0	7	42	7	0	7	42
18:10	6	0	6	36	6	0	6	36	6	0	6	36	3	0	3	18	2	0	2	12	5	1	6	45	5	1	6	45
18:15	6	0	6	36	6	0	6	36	6	0	6	36	2	0	2	12	4	0	4	24	4	2	6	54	7	0	7	42
18:20	6	0	6	36	6	0	6	36	4	1	5	39	4	0	4	24	2	0	2	12	3	2	5	48	6	0	6	36
18:25	6	0	6	36	6	0	6	36	6	0	6	36	2	0	2	12	3	0	3	18	2	2	4	42	5	0	5	30
18:30	4	1	5	39	6	0	6	36	6	0	6	36	3	0	3	18	3	0	3	18	1	0	1	6	5	0	5	30
18:35	4	1	5	39	6	0	6	36	6	0	6	36	3	0	3	18	2	1	3	27	3	2	5	48	6	0	6	36
18:40	0	3	3	45	6	0	6	36	6	0	6	36	5	0	5	30	2	0	2	12	4	1	5	39	3	1	4	33
18:45	4	1	5	39	6	0	6	36	6	0	6	36	4	0	4	24	2	0	2	12	1	3	4	51	2	0	2	12
18:50	6	0	6	36	6	0	6	36	6	0	6	36	4	0	4	24	2	0	2	12	3	2	5	48	3	0	3	18
18:55	0	3	3	45	6	0	6	36	6	0	6	36	3	0	3	18	1	1	2	21	0	3	3	45	2	0	2	12

Appendix E – classified vehicle link counts

Intelligent Data Collection Limited

Client Arup
Project Number: ID01981
Junction Number: Site 72
Date of Survey: 10.06.2014
Junction Name: Hampstead Road (north of Varndell Street)
Junction Type: Two-Way Link Count

Junction Layout



Site Observations

Weather Conditions:

AM Peak:	Dry and Clear

PM Peak:	Dry and Clear

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)**:**

Co-ordinates for site location: 51.530059,-0.138743

Intelligent Data Collection Limited

Client	Arup		
Date	10.06.2014		
Project Number	ID01981	**Completed by**	Hannah Lacy
Junction Name	Hampstead Road (north of Varndell Street)	**Checked by**	Luke Martin

PCU Summary

	Movements			
Time	**AB 1 (Nearside Lane)**	**AB 2 (Offside Lane)**	**BA 1 (Nearside Lane)**	**BA 2 (Offside Lane)**
07:00	0	115	41	247
07:15	11	90	49	261
07:30	5	101	61	250
07:45	12	95	63	263
08:00	4	106	54	254
08:15	10	102	55	244
08:30	8	148	61	248
08:45	14	148	61	263
09:00	5	132	56	252
09:15	6	146	49	248
09:30	4	139	50	217
09:45	3	126	40	228
Start Time	**Rolling Hour**			
07:00	28	402	213	1020
07:15	32	393	226	1027
07:30	31	405	232	1010
07:45	34	451	232	1008
08:00	37	504	231	1008
08:15	38	529	233	1007
08:30	34	574	227	1010
08:45	30	565	216	980
09:00	19	543	195	945

Intelligent Data Collection Limited

Client	Arup		
Date	10.06.2014		
Project Number	ID01981	**Completed by**	Hannah Lacy
Junction Name	Hampstead Road (north of Varndell Street)	**Checked by**	Luke Martin

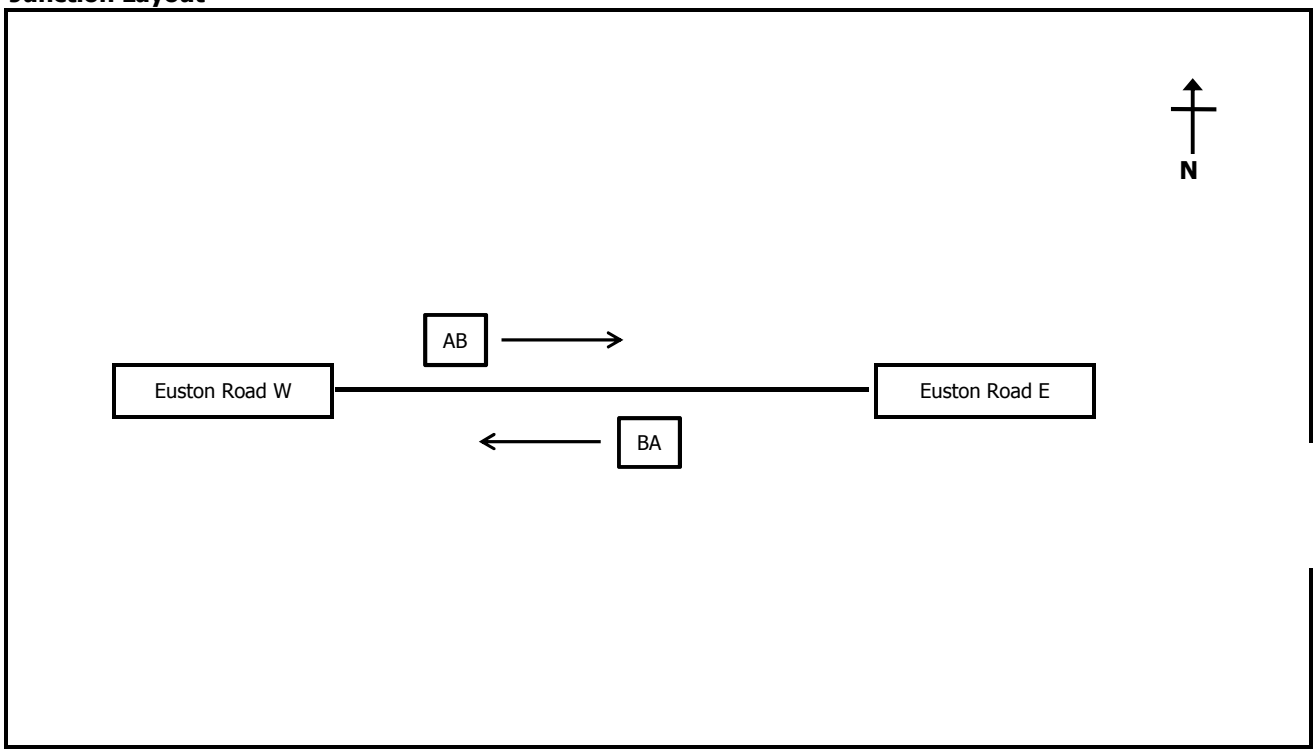
PCU Summary

	Movements			
Time	**AB 1 (Nearside Lane)**	**AB 2 (Offside Lane)**	**BA 1 (Nearside Lane)**	**BA 2 (Offside Lane)**
16:00	6	212	40	134
16:15	5	206	32	185
16:30	8	263	32	168
16:45	12	203	37	182
17:00	9	242	25	160
17:15	13	255	42	187
17:30	11	252	44	175
17:45	15	222	35	163
18:00	19	203	44	178
18:15	20	216	40	199
18:30	21	190	44	193
18:45	16	186	40	205
Start Time	**Rolling Hour**			
16:00	32	883	140	669
16:15	34	913	126	694
16:30	42	963	136	696
16:45	45	952	148	703
17:00	48	972	146	684
17:15	58	933	164	703
17:30	65	893	162	715
17:45	76	831	163	733
18:00	76	795	168	775

Intelligent Data Collection Limited

Client Arup
Project Number: ID01981
Junction Number: Site 89
Date of Survey: 12.06.2014
Junction Name: Euston Road (near Conway Street)
Junction Type: Two-Way Link Count

Junction Layout



Site Observations

Weather Conditions:

AM Peak:	Dry and Clear

PM Peak:	Dry and Clear

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)**:**

Co-ordinates for site location: 51.524172,-0.141549

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Euston Road (near Conway Street)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
07:00	560	573
07:15	531	478
07:30	506	460
07:45	543	532
08:00	512	449
08:15	514	488
08:30	519	475
08:45	536	488
09:00	536	462
09:15	513	588
09:30	568	550
09:45	539	554
Start Time	**Rolling Hour**	
07:00	2140	2043
07:15	2093	1919
07:30	2076	1929
07:45	2088	1944
08:00	2081	1900
08:15	2104	1913
08:30	2104	2013
08:45	2153	2087
09:00	2156	2153

Intelligent Data Collection Limited

Client Arup
Date 17.06.2014
Project Number ID01981
Junction Name Euston Road (near Conway Street)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements			
Time	**AB (Overpass)**	**AB (Underpass)**	**BA (Overpass)**	**BA (Underpass)**
07:00	186	367	193	286
07:15	194	335	194	351
07:30	198	375	200	284
07:45	172	334	164	372
08:00	146	351	170	313
08:15	158	387	157	370
08:30	183	359	154	296
08:45	187	336	160	385
09:00	179	307	163	379
09:15	207	316	151	385
09:30	206	344	162	382
09:45	197	307	171	383
Start Time	**Rolling Hour**			
07:00	750	1411	750	1293
07:15	711	1395	728	1321
07:30	675	1447	692	1339
07:45	660	1431	645	1352
08:00	674	1433	641	1364
08:15	707	1389	634	1429
08:30	756	1318	627	1445
08:45	779	1303	635	1531
09:00	789	1275	646	1529

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Euston Road (near Conway Street)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
16:00	530	401
16:15	516	341
16:30	541	357
16:45	550	350
17:00	457	353
17:15	414	391
17:30	541	352
17:45	550	342
18:00	550	453
18:15	589	453
18:30	613	470
18:45	600	460
Start Time	**Rolling Hour**	
16:00	2136	1449
16:15	2063	1400
16:30	1962	1450
16:45	1961	1445
17:00	1961	1437
17:15	2055	1537
17:30	2230	1600
17:45	2302	1717
18:00	2352	1835

Intelligent Data Collection Limited

Client Arup
Date 17.06.2014
Project Number ID01981
Junction Name Euston Road (near Conway Street)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements			
Time	**AB (Overpass)**	**AB (Underpass)**	**BA (Overpass)**	**BA (Underpass)**
16:00	114	340	187	198
16:15	118	288	179	310
16:30	138	316	156	296
16:45	170	368	160	303
17:00	273	289	163	265
17:15	258	229	156	287
17:30	242	297	163	292
17:45	264	261	161	377
18:00	238	271	147	408
18:15	207	354	168	411
18:30	190	343	129	373
18:45	168	363	148	405
Start Time	**Rolling Hour**			
16:00	540	1312	681	1107
16:15	699	1260	657	1174
16:30	839	1201	634	1151
16:45	942	1183	641	1147
17:00	1037	1075	643	1220
17:15	1002	1058	627	1364
17:30	951	1183	639	1488
17:45	899	1229	606	1569
18:00	804	1331	592	1597

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Eversholt Street (north of Phoenix Road)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
07:00	85	51
07:15	69	69
07:30	81	71
07:45	100	66
08:00	89	67
08:15	87	71
08:30	73	60
08:45	87	76
09:00	78	73
09:15	74	84
09:30	89	67
09:45	70	77
Start Time	**Rolling Hour**	
07:00	335	256
07:15	339	272
07:30	356	274
07:45	349	263
08:00	335	273
08:15	324	279
08:30	311	292
08:45	328	299
09:00	311	300

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Eversholt Street (north of Phoenix Road)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
16:00	122	72
16:15	102	53
16:30	80	46
16:45	103	59
17:00	108	53
17:15	92	66
17:30	90	47
17:45	95	61
18:00	114	85
18:15	112	69
18:30	115	79
18:45	117	79
Start Time	**Rolling Hour**	
16:00	407	230
16:15	393	211
16:30	383	224
16:45	393	225
17:00	386	227
17:15	392	258
17:30	412	261
17:45	437	293
18:00	458	311

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Euston Road (west of Gordon Street)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
07:00	445	515
07:15	464	443
07:30	406	416
07:45	420	437
08:00	426	409
08:15	455	453
08:30	453	434
08:45	450	435
09:00	412	454
09:15	476	504
09:30	443	476
09:45	494	507
Start Time	**Rolling Hour**	
07:00	1736	1812
07:15	1716	1706
07:30	1707	1716
07:45	1754	1733
08:00	1784	1731
08:15	1770	1776
08:30	1792	1826
08:45	1782	1868
09:00	1826	1941

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Euston Road (west of Gordon Street)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
16:00	433	336
16:15	344	321
16:30	407	310
16:45	369	311
17:00	298	313
17:15	308	290
17:30	443	303
17:45	369	290
18:00	446	400
18:15	466	401
18:30	438	397
18:45	500	422
Start Time	**Rolling Hour**	
16:00	1552	1278
16:15	1418	1255
16:30	1382	1224
16:45	1418	1217
17:00	1417	1195
17:15	1565	1283
17:30	1723	1393
17:45	1718	1487
18:00	1849	1619

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Euston Road (west of Pancras Road)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
07:00	411	418
07:15	466	433
07:30	422	353
07:45	435	368
08:00	442	401
08:15	456	358
08:30	452	342
08:45	449	347
09:00	420	352
09:15	486	353
09:30	476	365
09:45	424	338
Start Time	**Rolling Hour**	
07:00	1734	1572
07:15	1765	1555
07:30	1755	1479
07:45	1784	1468
08:00	1798	1447
08:15	1777	1398
08:30	1807	1394
08:45	1831	1417
09:00	1806	1408

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Euston Road (west of Pancras Road)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
16:00	454	253
16:15	452	250
16:30	409	200
16:45	424	252
17:00	434	274
17:15	431	200
17:30	508	321
17:45	516	235
18:00	476	282
18:15	533	294
18:30	509	269
18:45	495	328
Start Time	**Rolling Hour**	
16:00	1739	955
16:15	1719	976
16:30	1698	926
16:45	1797	1047
17:00	1889	1031
17:15	1931	1039
17:30	2033	1133
17:45	2034	1080
18:00	2012	1172

Intelligent Data Collection Limited

Client Arup
Date 12.06.2014
Project Number ID01981
Junction Name Euston Road Underpass (at junction with Tottenham Court Road)

Completed by Hannah Lacy
Checked by Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
07:00	319	397
07:15	387	283
07:30	355	284
07:45	376	324
08:00	360	287
08:15	368	316
08:30	344	273
08:45	386	311
09:00	331	306
09:15	343	387
09:30	383	395
09:45	346	400
Start Time	**Rolling Hour**	
07:00	1437	1288
07:15	1478	1178
07:30	1459	1211
07:45	1448	1201
08:00	1458	1188
08:15	1429	1206
08:30	1404	1277
08:45	1443	1399
09:00	1403	1487

Intelligent Data Collection Limited

Client	Arup		
Date	12.06.2014		
Project Number	ID01981	**Completed by**	Hannah Lacy
Junction Name	Euston Road Underpass (at junction with Tottenham Court Road)	**Checked by**	Luke Martin

PCU Summary

	Movements	
Time	**AB**	**BA**
16:00	213	218
16:15	211	198
16:30	180	189
16:45	196	184
17:00	139	208
17:15	137	203
17:30	243	210
17:45	223	183
18:00	234	264
18:15	280	287
18:30	281	285
18:45	273	280
Start Time	**Rolling Hour**	
16:00	800	789
16:15	725	779
16:30	651	783
16:45	714	805
17:00	741	804
17:15	836	860
17:30	979	943
17:45	1017	1018
18:00	1067	1115

Appendix F – London Euston station pedestrian entry/exit counts

Intelligent Data Collection Limited

Client: Arup
Date: 11.06.2014
Project Number: ID01981
Junction Name: Euston Station

X Coordinate	Y Coordinate	Google Maps Link
51.52783	-0.133511	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Counts were completed by manual staff.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 11.06.2014
Project Number: ID01981
Junction Name: Euston Station

	07:00 - 10:00									
	Western Access		Front Access 1		Front Access 2		Front Access 3		Eastern Access	
Time	Entrance	Exit	Entrance	Exit	Entrance	Exit	Entrance	Exit	Entrance	Exit
07:00	25	24	48	49	19	61	14	25	29	41
07:05	18	25	52	31	12	55	11	26	30	35
07:10	21	31	32	90	13	61	9	40	18	95
07:15	26	34	72	103	15	58	17	49	21	63
07:20	24	46	41	170	19	69	18	41	19	84
07:25	27	57	35	38	21	61	22	41	30	90
07:30	21	35	52	83	9	58	24	53	36	56
07:35	26	25	73	26	11	40	13	58	22	69
07:40	45	122	54	222	10	59	23	89	22	159
07:45	25	43	79	97	18	167	14	74	22	91
07:50	29	56	64	108	21	134	24	63	30	95
07:55	33	40	72	65	30	150	22	73	41	57
08:00	27	116	79	314	13	105	27	97	42	174
08:05	36	119	88	246	39	220	31	90	37	144
08:10	38	75	95	87	46	142	30	70	38	140
08:15	29	84	74	75	40	159	31	67	38	125
08:20	26	109	97	150	27	153	28	103	56	166
08:25	30	81	52	60	18	139	30	79	46	91
08:30	49	93	76	60	27	178	44	124	34	225
08:35	40	104	60	185	17	117	26	142	53	163
08:40	20	83	87	142	23	162	51	123	35	200
08:45	36	101	82	139	17	235	32	180	42	177
08:50	33	95	63	103	23	289	15	177	42	126
08:55	33	104	58	164	42	249	28	156	51	277
09:00	40	66	107	75	23	295	30	79	39	100
09:05	29	59	46	45	48	100	34	114	51	85
09:10	21	93	53	140	35	133	22	98	36	180
09:15	35	91	84	192	42	175	24	107	62	125
09:20	44	53	55	45	42	206	45	79	42	75
09:25	22	33	74	53	30	180	25	52	36	66
09:30	21	65	87	67	33	130	23	90	33	100
09:35	32	49	111	76	30	135	36	79	42	61
09:40	44	43	83	51	34	144	26	61	39	38
09:45	14	22	53	65	36	142	18	56	40	52
09:50	27	39	69	38	45	143	33	58	50	75
09:55	26	29	56	42	50	309	23	49	36	92
Total	1072	2344	2463	3696	978	5213	923	2962	1340	3992
Start Time	**Rolling Hour**									
07:00	320	538	674	1082	198	973	211	632	320	935
07:05	322	630	705	1347	192	1017	224	704	333	1068
07:10	340	724	741	1562	219	1182	244	768	340	1177
07:15	357	768	804	1559	252	1263	265	798	360	1222
07:20	360	818	806	1531	277	1364	279	816	377	1284
07:25	362	881	862	1511	285	1448	289	878	414	1366
07:30	365	905	879	1533	282	1526	297	916	430	1367
07:35	393	963	903	1510	300	1646	317	987	428	1536
07:40	407	1042	890	1669	306	1723	330	1071	459	1630
07:45	382	1003	923	1589	319	1826	358	1105	472	1671
07:50	393	1061	926	1631	318	1894	376	1211	492	1757
07:55	397	1100	925	1626	320	2049	367	1325	504	1788
08:00	397	1164	911	1725	332	2148	373	1408	514	2008
08:05	410	1114	939	1486	342	2338	376	1390	511	1934
08:10	403	1054	897	1285	351	2218	379	1414	525	1875
08:15	386	1072	855	1338	340	2209	371	1442	523	1915
08:20	392	1079	865	1455	342	2225	364	1482	547	1915
08:25	410	1023	823	1350	357	2278	381	1458	533	1824
08:30	402	975	845	1343	369	2319	376	1431	523	1799
08:35	374	947	856	1350	375	2271	355	1397	522	1674
08:40	366	892	907	1241	388	2289	365	1334	511	1572
08:45	390	852	903	1150	399	2271	340	1272	515	1410
08:50	368	773	874	1076	418	2178	326	1148	513	1285
08:55	362	717	880	1011	440	2032	344	1029	521	1234
09:00	355	642	878	889	448	2092	339	922	506	1049

Intelligent Data Collection Limited

Client: Arup
Date: 11.06.2014
Project Number: ID01981
Junction Name: Euston Station

	16:00 - 19:00									
	Western Access		Front Access 1		Front Access 2		Front Access 3		Eastern Access	
Time	Entrance	Exit	Entrance	Exit	Entrance	Exit	Entrance	Exit	Entrance	Exit
16:00	38	13	130	26	33	94	73	61	90	35
16:05	51	17	132	41	40	104	61	35	88	34
16:10	52	20	159	32	35	68	52	41	110	42
16:15	59	22	153	52	39	114	80	63	126	56
16:20	42	20	196	45	27	82	66	62	83	51
16:25	81	15	183	34	81	71	108	68	122	45
16:30	40	12	181	18	27	107	61	34	110	27
16:35	59	21	200	35	26	110	52	54	107	36
16:40	73	18	176	19	43	98	53	44	133	51
16:45	63	16	204	29	37	165	70	60	103	44
16:50	56	18	195	23	45	166	48	39	109	44
16:55	78	13	142	13	37	114	44	28	101	41
17:00	72	15	202	20	40	160	37	50	172	40
17:05	94	25	163	23	39	135	67	93	205	43
17:10	68	17	207	31	51	154	104	71	152	60
17:15	75	17	239	45	34	176	54	83	161	44
17:20	85	21	228	33	28	109	96	30	153	48
17:25	91	30	219	55	40	115	73	37	154	42
17:30	122	19	265	39	50	123	85	45	205	48
17:35	102	34	189	18	46	160	63	68	154	59
17:40	73	43	193	61	25	150	80	91	185	61
17:45	112	25	161	51	23	101	40	40	172	67
17:50	101	23	273	49	19	61	82	43	183	40
17:55	121	26	182	19	52	167	61	51	138	47
18:00	122	27	196	20	47	206	57	88	165	50
18:05	92	27	203	25	32	122	47	47	164	28
18:10	97	38	171	18	48	173	50	153	149	85
18:15	65	29	199	22	35	189	56	62	136	45
18:20	110	19	263	52	30	152	52	82	109	50
18:25	100	22	225	28	39	208	49	95	134	44
18:30	80	30	111	42	25	200	63	68	149	58
18:35	74	28	141	25	25	143	48	60	117	30
18:40	97	22	155	36	35	146	57	52	105	53
18:45	75	42	143	20	45	142	70	62	129	57
18:50	62	24	131	35	27	129	101	38	127	40
18:55	79	18	177	15	40	142	57	50	73	37
Total	2861	826	6687	1149	1345	4856	2317	2148	4873	1682
Start Time	**Rolling Hour**									
16:00	692	205	2051	367	470	1293	768	589	1282	506
16:05	726	207	2123	361	477	1359	732	578	1364	511
16:10	769	215	2154	343	476	1390	738	636	1481	520
16:15	785	212	2202	342	492	1476	790	666	1523	538
16:20	801	207	2288	335	487	1538	764	686	1558	526
16:25	844	208	2320	323	488	1565	794	654	1628	523
16:30	854	223	2356	344	447	1609	759	623	1660	520
16:35	936	230	2440	365	470	1625	783	634	1755	541
16:40	979	243	2429	348	490	1675	794	648	1802	564
16:45	979	268	2446	390	472	1727	821	695	1854	574
16:50	1028	277	2403	412	458	1663	791	675	1923	597
16:55	1073	282	2481	438	432	1558	825	679	1997	593
17:00	1116	295	2521	444	447	1611	842	702	2034	599
17:05	1166	307	2515	444	454	1657	862	740	2027	609
17:10	1164	309	2555	446	447	1644	842	694	1986	594
17:15	1193	330	2519	433	444	1663	788	776	1983	619
17:20	1183	342	2479	410	445	1676	790	755	1958	620
17:25	1208	340	2514	429	447	1719	746	807	1914	622
17:30	1217	332	2520	402	446	1812	722	865	1894	624
17:35	1175	343	2366	405	421	1889	700	888	1838	634
17:40	1147	337	2318	412	400	1872	685	880	1801	605
17:45	1171	316	2280	387	410	1868	662	841	1721	597
17:50	1134	333	2262	356	432	1909	692	863	1678	587
17:55	1095	334	2120	342	440	1977	711	858	1622	587
18:00	1053	326	2115	338	428	1952	707	857	1557	577

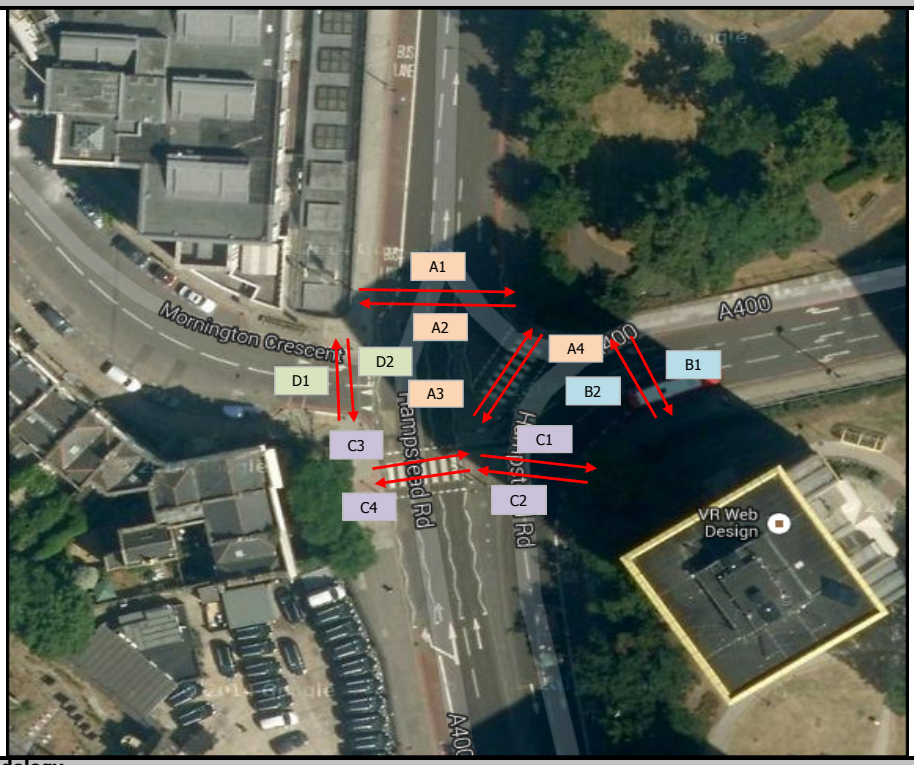
Appendix G – pedestrian survey

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Mornington Crescent / Harrington Square / Hampstead Road

X Coordinate	Y Coordinate	Google Maps Link
51.532503	-0.139306	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Pedestrians are seen to walk along the central barriers towards Site 10.

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Mornington Crescent / Harrington Square / Hampstead Road

	07:00 - 10:00											
	Arm A				Arm B		Arm C				Arm D	
Time	**A1**	**A2**	**A3**	**A4**	**B1**	**B2**	**C1**	**C2**	**C3**	**C4**	**D1**	**D2**
07:00	0	0	1	2	0	0	1	1	1	1	0	1
07:05	1	0	1	0	0	0	0	1	0	0	2	5
07:10	0	0	0	0	0	0	0	0	0	0	3	5
07:15	0	0	0	0	0	1	0	0	0	0	2	4
07:20	1	0	1	2	1	0	1	0	1	0	2	5
07:25	0	1	1	2	0	0	1	0	1	2	3	4
07:30	0	0	2	2	0	0	1	0	0	0	6	8
07:35	1	0	1	4	1	0	0	0	0	3	4	6
07:40	0	0	2	4	0	0	1	0	2	1	7	8
07:45	0	0	1	3	2	0	1	0	1	1	6	13
07:50	0	0	2	6	0	0	0	0	3	4	7	4
07:55	0	0	2	4	0	0	2	0	3	3	9	12
08:00	0	0	1	3	4	1	1	0	2	4	4	9
08:05	0	0	2	6	1	0	3	0	3	2	14	14
08:10	0	0	0	4	2	0	1	0	2	5	7	14
08:15	1	0	3	2	0	2	0	0	2	2	10	13
08:20	0	0	4	7	0	1	1	1	6	5	12	17
08:25	1	0	4	6	2	0	0	0	5	1	11	18
08:30	0	0	4	4	1	0	0	0	6	3	15	17
08:35	1	0	0	4	1	0	0	0	0	2	24	14
08:40	0	2	5	7	1	1	4	0	9	0	15	17
08:45	0	1	6	9	1	1	1	0	6	6	21	33
08:50	0	0	2	5	0	3	1	0	4	2	18	25
08:55	0	0	0	6	0	2	2	0	6	1	17	19
09:00	0	0	2	6	5	7	3	0	4	3	22	16
09:05	0	0	2	6	1	0	3	0	4	3	15	11
09:10	0	2	0	9	0	0	0	0	0	6	15	17
09:15	0	1	2	0	0	2	1	0	4	1	8	14
09:20	0	0	3	7	0	0	2	1	5	3	18	10
09:25	0	1	2	6	2	1	1	0	4	2	12	4
09:30	0	1	6	0	1	0	0	2	4	0	12	12
09:35	0	0	1	5	1	3	0	1	2	4	5	5
09:40	0	0	0	4	2	4	0	0	0	2	11	8
09:45	0	0	0	8	1	2	1	1	2	1	9	6
09:50	0	0	0	4	1	1	0	0	1	2	6	17
09:55	0	0	2	2	0	1	1	0	3	0	9	3
Total	6	9	65	149	31	33	34	8	96	75	361	408
Start Time	**Rolling Hour**											
07:00	3	1	14	29	4	1	8	2	12	15	51	75
07:05	3	1	14	30	8	2	8	1	13	18	55	83
07:10	2	1	15	36	9	2	11	0	16	20	67	92
07:15	2	1	15	40	11	2	12	0	18	25	71	101
07:20	3	1	18	42	11	3	12	0	20	27	79	110
07:25	2	1	21	47	10	4	12	1	25	32	89	122
07:30	3	0	24	51	12	4	11	1	29	31	97	136
07:35	3	0	26	53	13	4	10	1	35	34	106	145
07:40	3	0	25	53	13	4	10	1	35	33	126	153
07:45	3	2	28	56	14	5	13	1	42	32	134	162
07:50	3	3	33	62	13	6	13	1	47	37	149	182
07:55	3	3	33	61	13	9	14	1	48	35	160	203
08:00	3	3	31	63	13	11	14	1	51	33	168	210
08:05	3	3	32	66	14	17	16	1	53	32	186	217
08:10	3	3	32	66	14	17	16	1	54	33	187	214
08:15	3	5	32	71	12	17	15	1	52	34	195	217
08:20	2	6	31	69	12	17	16	1	54	33	193	218
08:25	2	6	30	69	12	16	17	1	53	31	199	211
08:30	1	7	28	69	12	17	18	1	52	32	200	197
08:35	1	8	30	65	12	17	18	3	50	29	197	192
08:40	0	8	31	66	12	20	18	4	52	31	178	183
08:45	0	6	26	63	13	23	14	4	43	33	174	174
08:50	0	5	20	62	13	24	14	5	39	28	162	147
08:55	0	5	18	61	14	22	13	5	36	28	150	139
09:00	0	5	20	57	14	21	12	5	33	27	142	123

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Mornington Crescent / Harrington Square / Hampstead Road

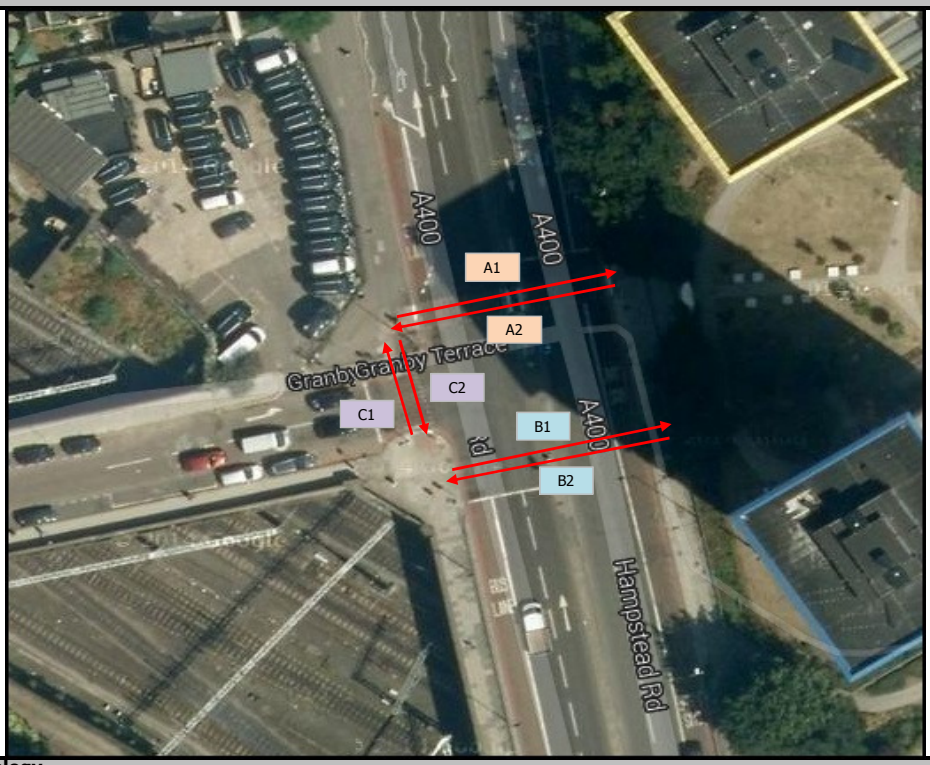
	16:00 - 19:00											
	Arm A				Arm B		Arm C				Arm D	
Time	**A1**	**A2**	**A3**	**A4**	**B1**	**B2**	**C1**	**C2**	**C3**	**C4**	**D1**	**D2**
16:00	0	0	6	3	3	0	1	2	3	1	10	12
16:05	0	0	2	1	1	1	2	1	1	1	5	8
16:10	1	0	4	6	1	3	0	0	3	2	9	11
16:15	0	2	1	5	0	1	4	1	4	2	28	7
16:20	0	0	4	7	0	1	2	1	4	6	10	12
16:25	0	0	3	3	1	4	0	1	1	2	12	7
16:30	0	0	3	3	0	4	2	1	4	3	14	11
16:35	0	0	5	6	0	2	1	0	4	6	9	9
16:40	1	0	4	6	0	6	0	0	4	4	11	11
16:45	1	0	3	2	1	5	2	1	3	0	5	7
16:50	0	0	3	3	0	2	5	2	5	5	15	11
16:55	0	0	3	4	0	3	2	2	1	1	9	9
17:00	0	0	3	1	1	1	2	0	3	0	10	13
17:05	0	0	7	3	0	6	4	0	9	0	9	20
17:10	0	0	8	8	6	3	2	2	4	5	22	15
17:15	0	0	4	5	0	7	0	0	3	5	16	7
17:20	0	0	0	5	2	1	4	6	2	6	12	11
17:25	0	0	6	2	0	4	1	3	3	2	9	13
17:30	0	0	5	8	0	3	1	1	10	9	14	20
17:35	1	0	2	4	5	7	6	0	6	2	17	28
17:40	0	0	6	9	0	2	1	1	5	6	19	22
17:45	0	0	4	11	0	6	4	0	11	10	12	20
17:50	0	0	1	1	0	7	2	0	4	0	17	19
17:55	0	0	1	4	0	3	4	0	5	4	25	13
18:00	0	0	4	10	2	4	1	1	6	9	19	19
18:05	0	1	4	7	4	4	1	0	7	1	21	14
18:10	0	0	2	7	5	5	2	0	5	8	6	20
18:15	0	0	6	4	0	12	2	0	9	3	28	19
18:20	0	0	2	2	0	5	1	1	3	2	16	17
18:25	0	1	3	10	1	5	0	2	2	4	20	9
18:30	0	0	0	5	2	4	2	0	2	2	13	14
18:35	0	0	2	2	1	3	5	2	3	0	18	15
18:40	0	0	2	6	0	6	0	0	2	5	16	11
18:45	0	0	8	5	0	6	0	2	7	5	16	12
18:50	0	0	5	3	1	9	1	0	7	2	15	11
18:55	0	0	0	3	0	15	2	2	2	4	16	7
Total	4	4	126	174	37	160	69	35	157	127	523	484
Start Time	**Rolling Hour**											
16:00	3	2	41	49	7	32	21	12	37	33	137	115
16:05	3	2	38	47	5	33	22	10	37	32	137	116
16:10	3	2	43	49	4	38	24	9	45	31	141	128
16:15	2	2	47	51	9	38	26	11	46	34	154	132
16:20	2	0	50	51	9	44	22	10	45	37	142	132
16:25	2	0	46	49	11	44	24	15	43	37	144	131
16:30	2	0	49	48	10	44	25	17	45	37	141	137
16:35	2	0	51	53	10	43	24	17	51	43	141	146
16:40	3	0	48	51	15	48	29	17	53	39	149	165
16:45	2	0	50	54	15	44	30	18	54	41	157	176
16:50	1	0	51	63	14	45	32	17	62	51	164	189
16:55	1	0	49	61	14	50	29	15	61	46	166	197
17:00	1	0	47	61	14	50	31	13	65	49	182	201
17:05	1	0	48	70	15	53	30	14	68	58	191	207
17:10	1	1	45	74	19	51	27	14	66	59	203	201
17:15	1	1	39	73	18	53	27	12	67	62	187	206
17:20	1	1	41	72	18	58	29	12	73	60	199	218
17:25	1	1	43	69	16	62	26	7	74	56	203	224
17:30	1	2	40	77	17	63	25	6	73	58	214	220
17:35	1	2	35	74	19	64	26	5	65	51	213	214
17:40	0	2	35	72	15	60	25	7	62	49	214	201
17:45	0	2	31	69	15	64	24	6	59	48	211	190
17:50	0	2	35	63	15	64	20	8	55	43	215	182
17:55	0	2	39	65	16	66	19	8	58	45	213	174
18:00	0	2	38	64	16	78	17	10	55	45	204	168

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014 & 12.06.2014
Project Number: ID01981
Junction Name: Granby Terrace / Hampstead Road

X Coordinate	Y Coordinate	Google Maps Link
51.531908	-0.139097	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Granby Terrace / Hampstead Road

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	1	0	0	0	0	0
07:05	1	0	0	0	1	4
07:10	1	0	0	0	3	4
07:15	1	2	1	0	0	3
07:20	2	0	0	0	0	9
07:25	1	0	0	0	1	2
07:30	2	3	0	0	4	9
07:35	2	2	0	1	1	6
07:40	3	0	1	1	6	7
07:45	2	3	0	1	10	11
07:50	4	1	1	1	3	4
07:55	2	2	0	0	6	14
08:00	3	3	1	0	4	11
08:05	5	5	1	0	3	18
08:10	3	4	2	0	5	18
08:15	6	2	0	0	9	15
08:20	9	1	1	0	12	23
08:25	12	4	0	0	15	20
08:30	12	5	0	0	10	24
08:35	6	4	0	0	12	14
08:40	3	5	0	0	10	20
08:45	8	12	4	0	17	30
08:50	10	7	0	1	11	28
08:55	3	6	0	1	12	17
09:00	8	16	0	0	13	17
09:05	3	5	2	0	9	18
09:10	5	5	0	0	11	23
09:15	2	1	0	0	7	16
09:20	3	4	1	0	12	10
09:25	5	3	0	0	11	7
09:30	4	2	1	0	10	8
09:35	2	2	0	0	4	10
09:40	2	5	0	0	4	10
09:45	3	1	3	0	6	11
09:50	10	6	0	0	5	12
09:55	1	1	0	0	4	5
Total	150	122	19	6	251	458
Start Time	**Rolling Hour**					
07:00	22	13	3	4	35	73
07:05	24	16	4	4	39	84
07:10	28	21	5	4	41	98
07:15	30	25	7	4	43	112
07:20	35	25	6	4	52	124
07:25	42	26	7	4	64	138
07:30	53	30	7	4	78	156
07:35	63	32	7	4	84	171
07:40	67	34	7	3	95	179
07:45	67	39	6	2	99	192
07:50	73	48	10	1	106	211
07:55	79	54	9	1	114	235
08:00	80	58	9	2	120	238
08:05	85	71	8	2	129	244
08:10	83	71	9	2	135	244
08:15	85	72	7	2	141	249
08:20	81	71	7	2	139	250
08:25	75	74	7	2	139	237
08:30	68	73	7	2	135	224
08:35	60	70	8	2	135	208
08:40	56	68	8	2	127	204
08:45	55	68	8	2	121	194
08:50	50	57	7	2	110	175
08:55	50	56	7	1	104	159
09:00	48	51	7	0	96	147

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Granby Terrace / Hampstead Road

	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	A1	A2	B1	B2	C1	C2
16:00	3	3	0	0	7	9
16:05	2	4	0	0	8	12
16:10	3	1	0	0	9	13
16:15	7	6	1	0	17	13
16:20	1	1	1	1	9	10
16:25	2	2	0	0	13	3
16:30	1	4	0	1	16	14
16:35	3	5	0	0	11	13
16:40	7	7	0	0	13	15
16:45	1	2	0	0	9	9
16:50	2	3	0	0	12	8
16:55	7	5	1	0	10	4
17:00	7	2	0	0	19	5
17:05	5	1	0	0	7	13
17:10	2	1	1	0	30	15
17:15	0	3	0	0	18	16
17:20	2	4	0	0	13	11
17:25	2	3	2	2	12	16
17:30	5	2	0	1	13	11
17:35	7	4	0	0	16	25
17:40	2	2	1	0	15	26
17:45	2	6	1	1	18	15
17:50	5	1	2	0	23	28
17:55	7	0	0	0	26	9
18:00	8	2	2	0	18	16
18:05	4	5	3	1	24	11
18:10	0	0	0	0	12	17
18:15	5	7	0	0	31	15
18:20	11	2	0	0	31	14
18:25	1	4	0	0	22	16
18:30	2	3	0	0	13	13
18:35	1	3	0	0	19	7
18:40	6	1	0	0	14	15
18:45	6	2	0	0	22	16
18:50	4	2	0	0	18	4
18:55	3	0	0	0	17	8
Total	136	103	15	7	585	465
Start Time	**Rolling Hour**					
16:00	39	43	3	2	134	123
16:05	43	42	3	2	146	119
16:10	46	39	3	2	145	120
16:15	45	39	4	2	166	122
16:20	38	36	3	2	167	125
16:25	39	39	2	1	171	126
16:30	39	40	4	3	170	139
16:35	43	38	4	3	167	136
16:40	47	37	4	3	172	148
16:45	42	32	5	3	174	159
16:50	43	36	6	4	183	165
16:55	46	34	8	4	194	185
17:00	46	29	7	4	210	190
17:05	47	29	9	4	209	201
17:10	46	33	12	5	226	199
17:15	44	32	11	5	208	201
17:20	49	36	11	5	221	200
17:25	58	34	11	5	239	203
17:30	57	35	9	3	249	203
17:35	54	36	9	2	249	205
17:40	48	35	9	2	252	187
17:45	52	34	8	2	251	176
17:50	56	30	7	1	255	177
17:55	55	31	5	1	250	153
18:00	51	31	5	1	241	152

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Granby Terrace / Hampstead Road

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	0	1	1	0	0	2
07:05	2	0	0	0	0	7
07:10	0	0	1	0	2	1
07:15	4	0	0	0	0	2
07:20	2	0	0	0	1	3
07:25	0	1	0	0	3	3
07:30	6	4	0	0	1	8
07:35	2	1	0	1	2	7
07:40	0	3	1	0	5	6
07:45	5	2	0	0	5	9
07:50	0	3	0	2	4	9
07:55	3	3	0	0	2	7
08:00	4	2	1	0	1	4
08:05	1	7	1	0	3	7
08:10	4	4	2	0	8	13
08:15	3	6	1	0	5	7
08:20	5	1	0	0	8	16
08:25	15	8	0	0	5	21
08:30	10	7	0	0	16	18
08:35	2	3	0	0	4	23
08:40	3	7	1	0	14	27
08:45	2	12	1	0	14	19
08:50	9	12	3	3	15	25
08:55	3	7	0	1	7	16
09:00	5	9	0	0	12	18
09:05	4	4	2	1	14	21
09:10	1	1	0	0	11	13
09:15	7	7	0	0	9	11
09:20	4	4	0	0	8	13
09:25	1	3	0	1	15	7
09:30	5	2	0	0	6	7
09:35	0	4	0	0	12	11
09:40	6	1	1	1	8	14
09:45	2	2	0	0	4	16
09:50	1	2	0	0	6	9
09:55	0	0	0	0	4	12
Total	121	133	16	10	234	412
Start Time	**Rolling Hour**					
07:00	24	18	3	3	25	64
07:05	28	19	3	3	26	66
07:10	27	26	4	3	29	66
07:15	31	30	5	3	35	78
07:20	30	36	6	3	40	83
07:25	33	37	6	3	47	96
07:30	48	44	6	3	49	114
07:35	52	47	6	3	64	124
07:40	52	49	6	2	66	140
07:45	55	53	6	2	75	161
07:50	52	63	7	2	84	171
07:55	61	72	10	3	95	187
08:00	61	76	10	4	100	196
08:05	62	83	9	4	111	210
08:10	65	80	10	5	122	224
08:15	62	77	8	5	125	224
08:20	66	78	7	5	129	228
08:25	65	81	7	5	129	225
08:30	51	76	7	6	139	211
08:35	46	71	7	6	129	200
08:40	44	72	7	6	137	188
08:45	47	66	7	7	131	175
08:50	47	56	6	7	121	172
08:55	39	46	3	4	112	156
09:00	36	39	3	3	109	152

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Granby Terrace / Hampstead Road

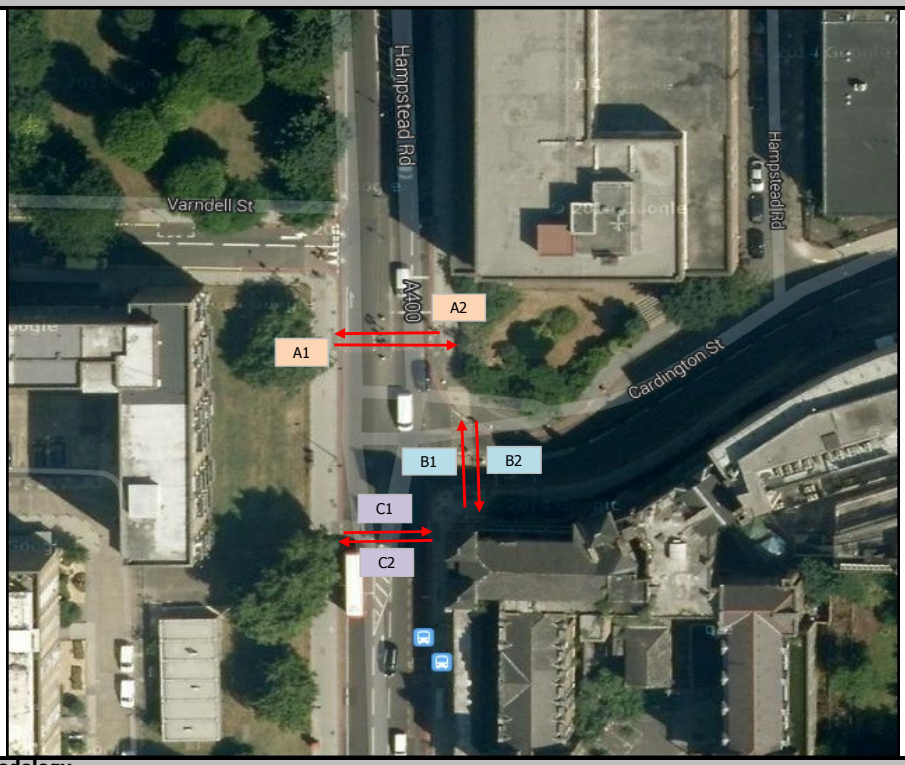
	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	A1	A2	B1	B2	C1	C2
16:00	6	6	0	0	14	5
16:05	5	7	3	0	7	8
16:10	2	2	1	0	7	7
16:15	0	4	0	0	6	13
16:20	4	1	1	0	14	10
16:25	1	1	0	3	14	9
16:30	1	2	0	0	4	7
16:35	0	6	0	1	10	7
16:40	5	0	0	0	16	8
16:45	2	1	0	0	15	4
16:50	11	1	0	2	15	4
16:55	7	3	2	1	18	3
17:00	2	5	0	0	11	7
17:05	4	3	0	0	8	6
17:10	10	1	1	1	13	8
17:15	1	5	0	0	15	8
17:20	2	3	1	0	19	13
17:25	2	7	0	0	11	12
17:30	3	0	0	0	17	18
17:35	2	1	0	0	18	20
17:40	0	9	0	0	14	19
17:45	2	3	2	0	14	9
17:50	4	3	0	0	23	21
17:55	9	2	0	0	34	5
18:00	18	2	0	0	30	23
18:05	2	2	2	0	21	18
18:10	4	1	1	0	13	16
18:15	5	3	0	0	14	27
18:20	9	1	1	0	25	6
18:25	2	1	0	0	16	17
18:30	2	3	0	0	19	9
18:35	3	1	0	0	12	12
18:40	4	2	0	0	16	7
18:45	7	7	0	0	21	8
18:50	3	3	0	1	7	11
18:55	1	1	0	0	17	13
Total	145	103	15	9	548	398
Start Time	**Rolling Hour**					
16:00	44	34	7	7	140	85
16:05	40	33	7	7	137	87
16:10	39	29	4	7	138	85
16:15	47	28	4	8	144	86
16:20	48	29	4	8	153	81
16:25	46	31	4	8	158	84
16:30	47	37	4	5	155	87
16:35	49	35	4	5	168	98
16:40	51	30	4	4	176	111
16:45	46	39	4	4	174	122
16:50	46	41	6	4	173	127
16:55	39	43	6	2	181	144
17:00	41	42	4	1	197	146
17:05	57	39	4	1	216	162
17:10	55	38	6	1	229	174
17:15	49	38	6	0	229	182
17:20	53	36	6	0	228	201
17:25	60	34	6	0	234	194
17:30	60	28	6	0	239	199
17:35	59	31	6	0	241	190
17:40	60	31	6	0	235	182
17:45	64	24	6	0	237	170
17:50	69	28	4	0	244	169
17:55	68	28	4	1	228	159
18:00	60	27	4	1	211	167

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Cardington Street

X Coordinate	Y Coordinate	Google Maps Link
51.529068	-0.138609	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Cardington Street

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	3	0	3	1	1	2
07:05	1	0	0	1	0	1
07:10	0	0	2	2	3	0
07:15	5	1	1	3	0	0
07:20	1	0	1	4	0	0
07:25	3	1	1	4	2	0
07:30	0	0	1	0	3	0
07:35	2	2	0	3	1	0
07:40	2	3	4	2	1	0
07:45	6	2	4	5	2	0
07:50	6	2	1	4	1	0
07:55	4	0	4	3	2	1
08:00	6	1	0	5	5	1
08:05	9	7	3	6	2	0
08:10	4	1	5	11	2	3
08:15	5	1	8	8	7	0
08:20	2	0	5	14	1	0
08:25	5	2	6	13	0	0
08:30	4	3	1	6	0	1
08:35	5	1	3	10	4	0
08:40	5	3	4	11	3	2
08:45	7	4	8	19	1	3
08:50	6	2	4	13	3	2
08:55	5	6	6	10	4	2
09:00	0	1	6	7	1	0
09:05	2	0	4	7	5	0
09:10	3	2	4	6	3	3
09:15	2	2	7	12	3	2
09:20	6	1	2	7	1	3
09:25	3	2	2	9	3	2
09:30	4	3	4	5	3	1
09:35	2	0	5	15	2	0
09:40	1	1	3	3	1	0
09:45	1	1	3	8	2	1
09:50	2	0	0	2	3	0
09:55	1	0	6	10	1	8
Total	123	55	121	249	76	38
Start Time	**Rolling Hour**					
07:00	33	11	22	32	16	4
07:05	36	12	19	36	20	3
07:10	44	19	22	41	22	2
07:15	48	20	25	50	21	5
07:20	48	20	32	55	28	5
07:25	49	20	36	65	29	5
07:30	51	21	41	74	27	5
07:35	55	24	41	80	24	6
07:40	58	23	44	87	27	6
07:45	61	23	44	96	29	8
07:50	62	25	48	110	28	11
07:55	62	25	51	119	30	13
08:00	63	31	53	126	32	14
08:05	57	31	59	128	28	13
08:10	50	24	60	129	31	13
08:15	49	25	59	124	32	13
08:20	46	26	58	128	28	15
08:25	50	27	55	121	28	18
08:30	48	27	51	117	31	20
08:35	48	27	54	116	34	20
08:40	45	26	56	121	32	20
08:45	41	24	55	113	30	18
08:50	35	21	50	102	31	16
08:55	31	19	46	91	31	14
09:00	27	13	46	91	28	20

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Cardington Street

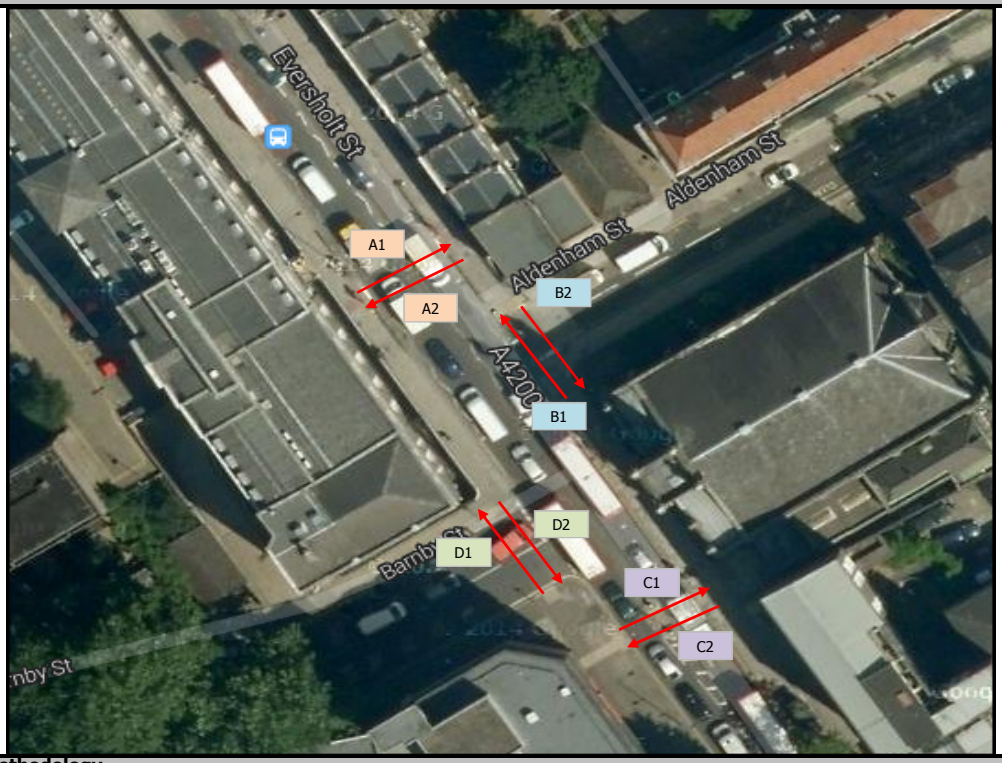
	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	A1	A2	B1	B2	C1	C2
16:00	1	4	6	4	1	13
16:05	3	2	5	6	3	1
16:10	4	1	7	1	1	0
16:15	3	4	6	6	0	0
16:20	4	1	5	6	0	7
16:25	3	3	7	1	2	3
16:30	3	1	2	7	1	1
16:35	1	2	3	6	0	1
16:40	2	4	3	2	1	3
16:45	0	2	10	5	0	2
16:50	0	5	9	3	0	3
16:55	0	5	9	0	11	0
17:00	6	5	9	7	0	0
17:05	1	5	8	10	0	7
17:10	2	4	9	2	7	0
17:15	1	6	7	4	1	2
17:20	3	1	6	4	0	1
17:25	2	3	6	4	0	2
17:30	1	6	6	5	5	2
17:35	1	2	8	7	2	3
17:40	2	4	9	4	1	1
17:45	2	8	14	11	2	4
17:50	4	9	8	14	0	2
17:55	1	6	12	8	1	2
18:00	2	3	7	4	0	0
18:05	1	5	9	8	2	1
18:10	3	5	10	2	5	1
18:15	0	9	12	4	0	2
18:20	6	2	9	7	2	2
18:25	2	2	9	2	1	0
18:30	1	1	9	2	0	3
18:35	3	2	14	5	6	5
18:40	1	3	6	7	4	2
18:45	2	3	5	1	1	4
18:50	3	2	5	3	3	1
18:55	1	0	4	1	0	1
Total	75	130	273	173	63	82
Start Time	**Rolling Hour**					
16:00	24	34	72	47	20	34
16:05	29	35	75	50	19	21
16:10	27	38	78	54	16	27
16:15	25	41	80	55	22	27
16:20	23	43	81	53	23	29
16:25	22	43	82	51	23	23
16:30	21	43	81	54	21	22
16:35	19	48	85	52	25	23
16:40	19	48	90	53	27	25
16:45	19	48	96	55	27	23
16:50	21	54	100	61	29	25
16:55	25	58	99	72	29	24
17:00	26	59	102	80	19	26
17:05	22	57	100	77	19	26
17:10	22	57	101	75	21	20
17:15	23	58	102	75	19	21
17:20	22	61	107	75	18	21
17:25	25	62	110	78	20	22
17:30	25	61	113	76	21	20
17:35	25	56	116	73	16	21
17:40	27	56	122	71	20	23
17:45	26	55	119	74	23	24
17:50	26	50	110	64	22	24
17:55	25	43	107	53	25	23
18:00	25	37	99	46	24	22

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Barnby Street / Aldenham Street

X Coordinate	Y Coordinate	Google Maps Link
51.531322	-0.13516	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

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Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Barnby Street / Aldenham Street

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
07:00	0	0	0	2	1	1	2	2
07:05	0	2	2	1	1	1	2	2
07:10	0	1	2	3	1	0	0	4
07:15	0	2	2	2	0	2	2	3
07:20	0	0	2	5	1	1	1	2
07:25	0	2	1	4	2	3	4	4
07:30	0	2	0	0	1	1	6	5
07:35	0	10	5	5	0	1	6	3
07:40	0	2	5	19	1	2	8	3
07:45	1	6	3	10	0	2	5	5
07:50	3	5	4	8	0	3	4	5
07:55	2	8	0	5	2	1	7	6
08:00	0	8	5	5	1	3	10	9
08:05	0	5	6	6	6	3	18	13
08:10	3	5	4	12	1	2	18	7
08:15	3	0	2	7	2	5	17	6
08:20	1	4	4	15	3	1	17	7
08:25	3	14	2	12	1	4	11	9
08:30	8	5	6	13	3	2	16	9
08:35	3	0	4	14	6	4	18	6
08:40	1	7	9	12	3	2	40	14
08:45	6	12	6	25	5	2	30	16
08:50	2	12	5	22	19	2	29	10
08:55	8	6	13	19	22	3	48	13
09:00	6	7	4	18	6	2	35	5
09:05	3	20	13	22	14	8	25	6
09:10	2	7	11	21	5	2	20	12
09:15	0	4	16	14	12	6	19	10
09:20	0	3	11	11	2	3	25	6
09:25	2	7	10	13	3	2	17	5
09:30	0	7	7	14	2	1	16	15
09:35	1	5	4	10	2	4	14	7
09:40	4	4	6	12	3	2	12	13
09:45	0	3	5	12	0	0	9	7
09:50	0	3	4	9	3	3	14	6
09:55	0	2	10	8	0	5	5	5
Total	62	190	193	390	134	89	530	260
Start Time	**Rolling Hour**							
07:00	6	40	26	64	10	18	47	44
07:05	6	48	31	67	10	20	55	51
07:10	6	51	35	72	15	22	71	62
07:15	9	55	37	81	15	24	89	65
07:20	12	53	37	86	17	27	104	68
07:25	13	57	39	96	19	27	120	73
07:30	16	69	40	104	18	28	127	78
07:35	24	72	46	117	20	29	137	82
07:40	27	62	45	126	26	32	149	85
07:45	28	67	49	119	28	32	181	96
07:50	33	73	52	134	33	32	206	107
07:55	32	80	53	148	52	31	231	112
08:00	38	78	66	162	72	33	272	119
08:05	44	77	65	175	77	32	297	115
08:10	47	92	72	191	85	37	304	108
08:15	46	94	79	200	89	37	306	113
08:20	43	98	93	207	99	38	308	117
08:25	42	97	100	203	98	40	316	116
08:30	41	90	108	204	100	38	322	112
08:35	33	92	109	205	99	37	322	118
08:40	31	97	109	201	95	37	318	119
08:45	34	94	106	201	95	37	290	118
08:50	28	85	105	188	90	35	269	109
08:55	26	76	104	175	74	36	254	105
09:00	18	72	101	164	52	38	211	97

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Barnby Street / Aldenham Street

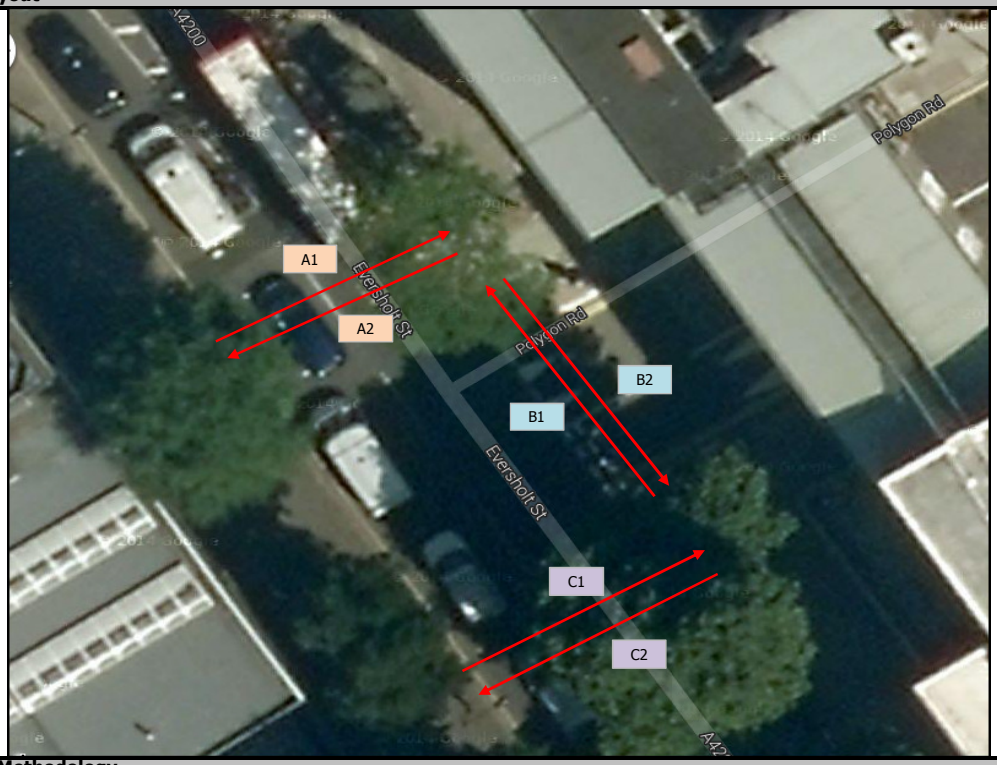
	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	1	4	14	14	6	4	6	10
16:05	0	3	13	9	3	8	13	4
16:10	4	3	8	8	4	6	11	14
16:15	0	2	10	12	3	1	5	7
16:20	0	6	21	5	1	1	10	19
16:25	4	0	10	8	5	1	4	18
16:30	6	7	11	18	1	7	11	11
16:35	0	2	8	11	0	1	11	14
16:40	0	4	9	5	0	2	13	27
16:45	2	3	15	9	1	1	8	13
16:50	2	2	13	8	4	3	9	13
16:55	3	4	6	15	1	2	15	9
17:00	4	3	7	15	2	1	4	37
17:05	5	1	8	9	1	4	12	24
17:10	1	1	15	12	0	1	9	9
17:15	2	3	11	16	2	0	20	15
17:20	7	4	13	8	2	0	12	19
17:25	6	4	10	18	1	3	17	29
17:30	0	2	11	11	3	2	7	25
17:35	3	2	5	8	0	0	14	19
17:40	2	1	9	19	3	2	30	53
17:45	3	4	15	8	0	2	21	30
17:50	6	6	13	7	3	2	21	17
17:55	1	5	5	3	1	4	16	31
18:00	1	1	21	12	3	1	14	26
18:05	1	2	9	9	2	2	18	17
18:10	1	3	9	9	5	6	20	16
18:15	5	3	11	14	5	5	22	15
18:20	2	0	19	13	1	1	26	11
18:25	0	3	7	8	3	2	14	18
18:30	0	0	12	12	1	1	17	11
18:35	3	1	20	12	3	4	14	14
18:40	3	4	15	11	0	2	23	16
18:45	5	2	15	15	0	1	26	5
18:50	6	2	14	8	2	1	23	10
18:55	1	2	9	3	4	0	21	13
Total	90	99	421	382	76	84	537	639
Start Time	**Rolling Hour**							
16:00	22	40	138	122	29	37	116	159
16:05	25	39	131	123	25	34	114	186
16:10	30	37	126	123	23	30	113	206
16:15	27	35	133	127	19	25	111	201
16:20	29	36	134	131	18	24	126	209
16:25	36	34	126	134	19	23	128	209
16:30	38	38	126	144	15	25	141	220
16:35	32	33	126	137	17	20	137	234
16:40	35	33	123	134	17	19	140	239
16:45	37	30	123	148	20	19	157	265
16:50	38	31	123	147	19	20	170	282
16:55	42	35	123	146	18	19	182	286
17:00	40	36	122	134	18	21	183	308
17:05	37	34	136	131	19	21	193	297
17:10	33	35	137	131	20	19	199	290
17:15	33	37	131	128	25	24	210	297
17:20	36	37	131	126	28	29	212	297
17:25	31	33	137	131	27	30	226	289
17:30	25	32	134	121	29	29	223	278
17:35	25	30	135	122	27	28	233	264
17:40	25	29	150	126	30	32	233	259
17:45	26	32	156	118	27	32	226	222
17:50	28	30	156	125	27	31	231	197
17:55	28	26	157	126	26	30	233	190
18:00	28	23	161	126	29	26	238	172

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Polygon Road

X Coordinate	Y Coordinate	Google Maps Link
51.530877	-0.134691	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Polygon Road

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	0	0	0	4	0	0
07:05	2	0	3	2	0	1
07:10	0	0	1	5	0	0
07:15	0	0	1	3	0	0
07:20	0	1	2	5	0	0
07:25	0	0	2	7	0	1
07:30	0	0	4	2	1	0
07:35	0	0	3	8	0	1
07:40	0	0	6	20	0	1
07:45	0	0	3	12	0	1
07:50	0	0	4	9	0	0
07:55	0	0	3	11	0	0
08:00	0	0	6	6	0	0
08:05	0	0	9	21	0	0
08:10	0	0	6	15	1	1
08:15	0	0	8	14	3	2
08:20	0	1	7	16	0	0
08:25	0	0	4	17	1	0
08:30	0	1	12	14	0	1
08:35	0	0	10	21	1	1
08:40	0	1	15	15	0	1
08:45	0	0	8	25	1	2
08:50	0	0	9	25	0	0
08:55	0	0	16	16	1	0
09:00	0	2	10	22	0	1
09:05	0	0	11	28	0	2
09:10	0	1	11	24	0	0
09:15	0	0	16	25	0	1
09:20	0	1	15	41	0	3
09:25	0	0	42	15	1	0
09:30	0	0	8	17	0	0
09:35	0	0	5	16	0	0
09:40	0	0	4	12	0	0
09:45	0	0	7	12	0	0
09:50	0	0	5	17	0	0
09:55	0	0	9	8	0	0
Total	2	8	285	530	10	20
Start Time	**Rolling Hour**					
07:00	2	1	32	88	1	5
07:05	2	1	38	90	1	5
07:10	0	1	44	109	1	4
07:15	0	1	49	119	2	5
07:20	0	1	56	130	5	7
07:25	0	1	61	141	5	7
07:30	0	1	63	151	6	6
07:35	0	2	71	163	5	7
07:40	0	2	78	176	6	7
07:45	0	3	87	171	6	7
07:50	0	3	92	184	7	8
07:55	0	3	97	200	7	8
08:00	0	3	110	205	8	8
08:05	0	5	114	221	8	9
08:10	0	5	116	228	8	11
08:15	0	6	121	237	7	10
08:20	0	6	129	248	4	9
08:25	0	6	137	273	4	12
08:30	0	6	175	271	4	12
08:35	0	5	171	274	4	11
08:40	0	5	166	269	3	10
08:45	0	4	155	266	3	9
08:50	0	4	154	253	2	7
08:55	0	4	150	245	2	7
09:00	0	4	143	237	1	7

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Polygon Road

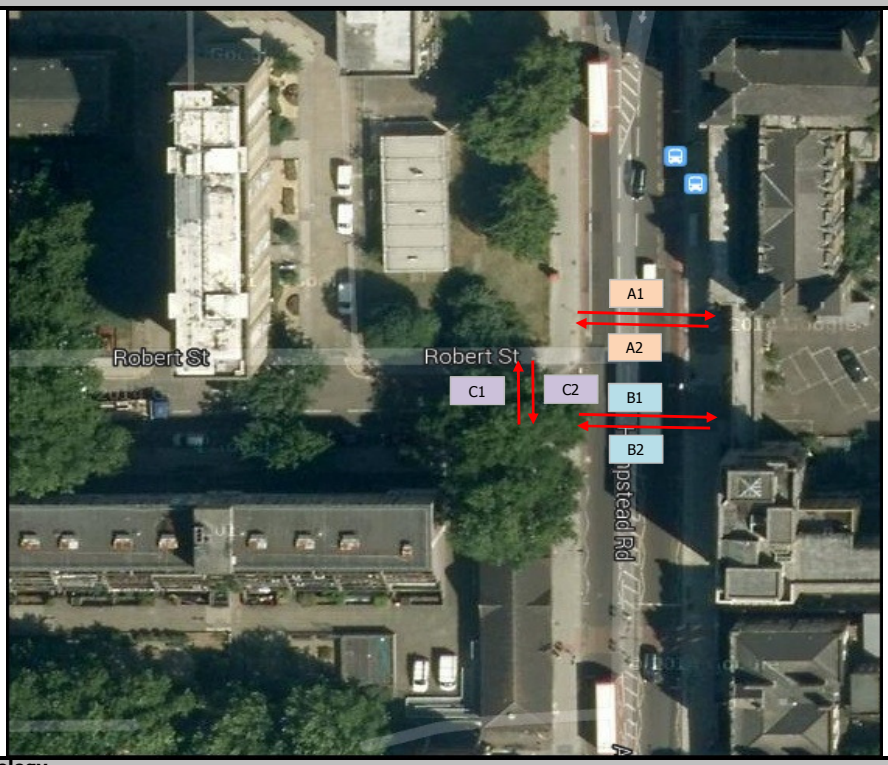
	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
16:00	0	0	7	15	0	0
16:05	0	0	19	11	0	1
16:10	0	0	11	18	1	0
16:15	0	0	18	10	0	0
16:20	0	0	21	4	1	0
16:25	0	0	11	11	0	0
16:30	0	0	9	15	0	1
16:35	0	0	8	16	0	0
16:40	1	0	7	4	0	0
16:45	0	0	7	15	0	0
16:50	0	0	12	5	0	0
16:55	0	0	13	15	0	1
17:00	0	0	8	14	0	0
17:05	0	0	9	7	0	0
17:10	0	1	15	10	0	3
17:15	0	0	7	24	0	1
17:20	0	0	19	13	0	1
17:25	0	0	8	14	0	0
17:30	0	0	12	14	0	0
17:35	0	0	7	7	1	0
17:40	0	0	11	19	1	0
17:45	0	0	13	10	0	0
17:50	0	0	14	13	1	0
17:55	1	0	16	17	1	0
18:00	0	0	15	10	0	0
18:05	0	0	16	12	1	0
18:10	0	0	18	15	0	1
18:15	0	0	14	9	0	1
18:20	0	0	22	14	0	0
18:25	0	0	9	11	0	0
18:30	1	0	12	12	1	1
18:35	0	0	17	13	0	0
18:40	0	0	15	10	0	0
18:45	0	1	16	13	0	0
18:50	0	0	19	11	1	0
18:55	0	1	8	4	0	0
Total	3	3	463	435	9	11
Start Time	**Rolling Hour**					
16:00	1	0	143	139	2	3
16:05	1	0	144	138	2	3
16:10	1	0	134	134	2	2
16:15	1	1	138	126	1	5
16:20	1	1	127	140	1	6
16:25	1	1	125	149	0	7
16:30	1	1	122	152	0	7
16:35	1	1	125	151	0	6
16:40	1	1	124	142	1	6
16:45	0	1	128	157	2	6
16:50	0	1	134	152	2	6
16:55	0	1	136	160	3	6
17:00	1	1	139	162	4	5
17:05	1	1	146	158	4	5
17:10	1	1	153	163	5	5
17:15	1	0	156	168	5	3
17:20	1	0	163	153	5	3
17:25	1	0	166	154	5	2
17:30	1	0	167	151	5	2
17:35	2	0	167	149	6	3
17:40	2	0	177	155	5	3
17:45	2	0	181	146	4	3
17:50	2	1	184	149	4	3
17:55	2	1	189	147	4	3
18:00	1	2	181	134	3	3

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Robert Street

X Coordinate	Y Coordinate	Google Maps Link
51.528564	-0.13864	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Pedestrian counts in the Southern arm include pedestrians crossing at the island, but not those at the signalised junction further back.

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Robert Street

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	0	0	1	1	1	1
07:05	0	0	1	0	1	7
07:10	0	0	0	2	1	5
07:15	1	0	0	1	0	4
07:20	0	0	0	1	1	0
07:25	0	0	0	2	2	3
07:30	0	0	1	2	2	4
07:35	1	0	0	2	4	7
07:40	0	0	0	0	3	9
07:45	0	0	0	2	1	14
07:50	0	0	1	0	2	9
07:55	0	1	1	0	2	11
08:00	0	0	0	0	1	5
08:05	0	0	1	0	4	6
08:10	0	0	1	0	2	11
08:15	0	1	3	1	3	13
08:20	0	0	2	0	5	14
08:25	2	0	0	0	6	20
08:30	0	0	2	0	9	24
08:35	0	0	0	0	13	26
08:40	0	2	0	0	7	29
08:45	0	0	1	0	8	32
08:50	0	0	1	0	7	30
08:55	0	0	0	0	6	66
09:00	1	0	1	1	13	22
09:05	0	0	0	2	23	24
09:10	0	0	0	0	11	20
09:15	0	0	0	0	11	12
09:20	0	0	1	1	17	12
09:25	0	0	2	2	5	11
09:30	0	0	0	0	5	9
09:35	0	1	0	1	11	8
09:40	0	1	0	1	4	13
09:45	0	0	0	1	6	11
09:50	0	0	0	1	1	11
09:55	0	0	0	2	9	7
Total	5	6	20	26	207	510
Start Time	**Rolling Hour**					
07:00	2	1	5	13	20	74
07:05	2	1	4	12	20	78
07:10	2	1	4	12	23	77
07:15	2	1	5	10	24	83
07:20	1	2	8	10	27	92
07:25	1	2	10	9	31	106
07:30	3	2	10	7	35	123
07:35	3	2	11	5	42	143
07:40	2	2	11	3	51	162
07:45	2	4	11	3	55	182
07:50	2	4	12	1	62	200
07:55	2	4	12	1	67	221
08:00	2	3	11	1	71	276
08:05	3	3	12	2	83	293
08:10	3	3	11	4	102	311
08:15	3	3	10	4	111	320
08:20	3	2	7	3	119	319
08:25	3	2	6	4	131	317
08:30	1	2	8	6	130	308
08:35	1	2	6	6	126	293
08:40	1	3	6	7	124	275
08:45	1	2	6	8	121	259
08:50	1	2	5	9	119	238
08:55	1	2	4	10	113	219
09:00	1	2	4	12	116	160

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Robert Street

	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
16:00	0	0	1	0	10	11
16:05	0	0	0	1	16	8
16:10	1	0	3	1	7	9
16:15	0	0	0	2	12	8
16:20	0	0	2	0	11	8
16:25	0	0	1	2	9	11
16:30	0	0	0	1	8	7
16:35	0	0	0	1	17	12
16:40	0	0	0	0	10	6
16:45	0	0	0	0	15	7
16:50	1	0	1	0	13	18
16:55	2	0	0	1	16	5
17:00	1	0	2	2	3	10
17:05	1	2	4	2	17	3
17:10	0	0	0	0	17	6
17:15	0	0	0	0	14	12
17:20	1	0	0	0	14	11
17:25	0	0	0	2	16	12
17:30	1	0	0	0	15	11
17:35	0	0	1	0	16	15
17:40	1	0	0	3	23	21
17:45	0	0	0	3	26	16
17:50	2	0	0	0	32	6
17:55	0	0	0	0	22	19
18:00	0	0	0	1	23	10
18:05	0	0	1	0	21	24
18:10	0	2	0	0	16	12
18:15	0	1	2	3	18	11
18:20	0	3	3	0	24	16
18:25	0	0	0	0	11	13
18:30	0	0	1	0	35	14
18:35	0	0	0	0	20	13
18:40	0	0	0	3	31	9
18:45	0	1	1	0	13	11
18:50	1	0	0	1	21	3
18:55	0	0	0	2	14	10
Total	12	9	23	31	606	398
Start Time	**Rolling Hour**					
16:00	4	0	8	9	144	110
16:05	5	0	9	11	137	109
16:10	6	2	13	12	138	104
16:15	5	2	10	11	148	101
16:20	5	2	10	9	150	105
16:25	6	2	8	9	153	108
16:30	6	2	7	9	160	109
16:35	7	2	7	8	167	113
16:40	7	2	8	7	166	116
16:45	8	2	8	10	179	131
16:50	8	2	8	13	190	140
16:55	9	2	7	13	209	128
17:00	7	2	7	12	215	142
17:05	6	2	5	11	235	142
17:10	5	0	2	9	239	163
17:15	5	2	2	9	238	169
17:20	5	3	4	12	242	168
17:25	4	6	7	12	252	173
17:30	4	6	7	10	247	174
17:35	3	6	8	10	267	177
17:40	3	6	7	10	271	175
17:45	2	6	7	10	279	163
17:50	2	7	8	7	266	158
17:55	1	7	8	8	255	155
18:00	1	7	8	10	247	146

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Drummond Street

X Coordinate	Y Coordinate	Google Maps Link
51.52648	-0.138646	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Drummond Street

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**	**D1**	**D2**
07:00	2	2	1	3	1	2	9	6
07:05	0	3	0	2	2	6	2	10
07:10	0	1	4	2	2	6	9	6
07:15	1	7	2	3	5	10	9	3
07:20	4	5	1	3	1	3	11	4
07:25	0	9	2	1	1	3	17	10
07:30	1	8	0	1	4	18	15	9
07:35	1	9	0	1	5	9	22	11
07:40	0	9	2	2	5	29	15	11
07:45	3	9	1	4	4	24	21	14
07:50	1	9	4	8	7	10	30	16
07:55	0	10	1	3	3	15	26	12
08:00	2	12	3	0	4	18	20	11
08:05	5	11	3	5	11	30	23	9
08:10	3	11	1	2	5	28	35	10
08:15	2	19	3	5	15	11	23	15
08:20	1	20	3	7	11	26	24	9
08:25	3	15	3	12	11	28	30	21
08:30	5	24	2	8	8	27	30	23
08:35	6	26	5	6	10	24	41	42
08:40	4	36	2	8	11	37	25	33
08:45	4	39	2	8	9	48	43	27
08:50	3	32	5	13	22	63	42	31
08:55	9	31	6	10	7	36	65	40
09:00	9	42	10	8	7	32	55	29
09:05	14	20	7	5	8	12	53	36
09:10	8	22	4	7	4	36	47	28
09:15	7	27	6	8	12	21	44	26
09:20	6	18	2	5	9	15	35	15
09:25	2	15	4	3	5	17	39	21
09:30	8	13	2	5	2	12	26	34
09:35	9	6	6	5	4	14	17	27
09:40	9	15	6	4	7	18	31	16
09:45	4	12	6	3	6	16	24	19
09:50	8	13	3	3	6	24	29	19
09:55	12	14	8	5	7	11	26	18
Total	156	574	120	178	241	739	1013	671
Start Time	**Rolling Hour**							
07:00	13	81	18	33	40	135	186	112
07:05	13	91	20	30	43	151	197	117
07:10	18	99	23	33	52	175	218	116
07:15	21	109	20	33	55	197	244	120
07:20	22	121	21	35	65	198	258	132
07:25	19	136	23	39	75	221	271	137
07:30	22	142	24	50	85	246	284	148
07:35	26	158	26	57	89	255	299	162
07:40	31	175	31	62	94	270	318	193
07:45	35	202	31	68	100	278	328	215
07:50	36	232	32	72	105	302	350	228
07:55	38	255	33	77	120	355	362	243
08:00	47	276	38	84	124	376	401	271
08:05	54	306	45	92	127	390	436	289
08:10	63	315	49	92	124	372	466	316
08:15	68	326	52	97	123	380	478	334
08:20	73	334	55	100	120	390	499	345
08:25	78	332	54	98	118	379	510	351
08:30	77	332	55	89	112	368	519	351
08:35	80	321	55	86	106	353	515	362
08:40	83	301	56	85	100	343	491	347
08:45	88	280	60	81	96	324	497	330
08:50	88	253	64	76	93	292	478	322
08:55	93	234	62	66	77	253	465	310
09:00	96	217	64	61	77	228	426	288

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Hampstead Road / Drummond Street

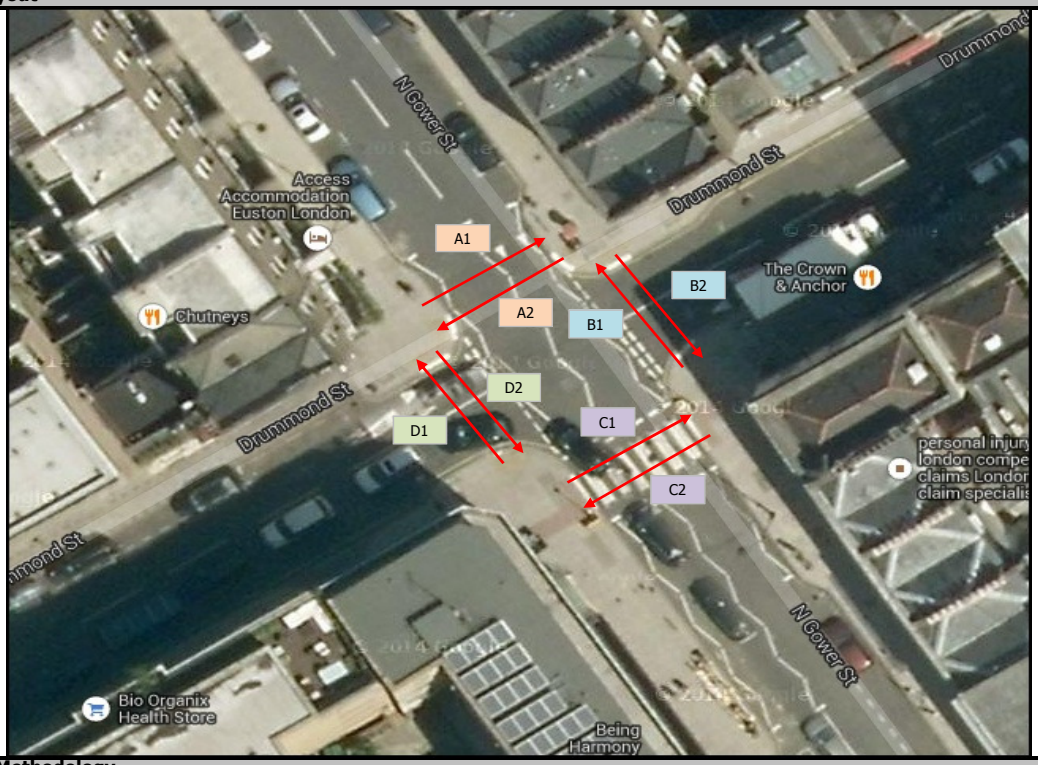
	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	9	3	4	9	16	13	24	34
16:05	14	5	1	0	10	17	12	35
16:10	12	7	6	3	7	16	20	39
16:15	14	7	11	13	3	10	23	24
16:20	13	7	12	3	9	6	18	32
16:25	10	10	8	5	13	14	14	20
16:30	13	3	2	4	9	5	19	30
16:35	7	7	6	2	12	11	14	28
16:40	4	6	11	8	13	4	22	32
16:45	3	5	8	6	10	8	23	15
16:50	8	2	14	1	13	3	17	24
16:55	9	8	9	2	19	11	21	32
17:00	29	10	9	6	38	8	18	58
17:05	16	6	8	3	19	7	20	40
17:10	6	4	5	6	26	15	24	27
17:15	19	4	8	2	22	8	32	33
17:20	14	5	5	2	24	12	35	41
17:25	19	7	3	7	24	6	26	45
17:30	24	5	5	2	29	8	41	52
17:35	36	4	8	3	24	13	29	52
17:40	27	11	13	7	19	8	40	52
17:45	13	7	8	5	18	14	31	43
17:50	18	6	10	14	28	8	37	46
17:55	4	7	9	8	29	13	33	32
18:00	20	6	7	5	25	8	37	44
18:05	23	5	12	9	23	17	33	38
18:10	14	5	10	4	14	25	50	45
18:15	18	14	12	8	30	5	29	42
18:20	7	5	8	4	18	9	33	27
18:25	10	4	9	7	24	8	37	20
18:30	17	7	12	2	13	5	34	36
18:35	18	6	7	3	17	10	32	29
18:40	10	15	16	5	27	5	23	36
18:45	2	6	7	2	14	8	22	28
18:50	8	11	5	3	18	11	31	24
18:55	11	5	7	2	4	7	32	21
Total	499	235	295	175	661	356	986	1256
Start Time	**Rolling Hour**							
16:00	116	70	92	56	134	118	227	345
16:05	136	77	97	53	156	113	221	369
16:10	138	78	104	56	165	103	229	374
16:15	132	75	103	59	184	102	233	362
16:20	137	72	100	48	203	100	242	371
16:25	138	70	93	47	218	106	259	380
16:30	147	67	88	49	229	98	271	405
16:35	158	69	91	47	249	101	293	427
16:40	187	66	93	48	261	103	308	451
16:45	210	71	95	47	267	107	326	471
16:50	220	73	95	46	275	113	334	499
16:55	230	77	91	59	290	118	354	521
17:00	225	76	91	65	300	120	366	521
17:05	216	72	89	64	287	120	385	507
17:10	223	71	93	70	291	130	398	505
17:15	231	72	98	68	279	140	424	523
17:20	230	82	102	74	287	137	421	532
17:25	223	82	105	76	281	134	419	518
17:30	214	79	111	76	281	136	430	493
17:35	207	81	118	76	265	133	423	477
17:40	189	83	117	76	258	130	426	454
17:45	172	87	120	74	266	127	409	438
17:50	161	86	119	71	262	121	400	423
17:55	151	91	114	60	252	124	394	401
18:00	158	89	112	54	227	118	393	390

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street / North Gower Street

X Coordinate	Y Coordinate	Google Maps Link
51.526851	-0.137364	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street / North Gower Street

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
07:00	1	1	0	1	0	1	0	3
07:05	0	7	0	0	3	6	2	1
07:10	0	3	2	5	2	4	0	3
07:15	4	2	1	2	4	7	0	0
07:20	2	3	1	3	2	6	0	0
07:25	0	5	3	5	4	11	0	1
07:30	0	3	0	5	4	21	3	1
07:35	2	10	2	4	2	8	0	2
07:40	1	8	8	10	1	37	1	2
07:45	3	6	4	5	2	16	1	3
07:50	0	10	5	6	1	12	2	0
07:55	2	6	2	2	5	9	0	0
08:00	2	8	4	9	2	27	1	1
08:05	1	3	8	7	7	21	9	2
08:10	4	5	15	8	6	25	5	2
08:15	1	11	11	5	6	15	12	0
08:20	2	12	6	11	5	27	9	0
08:25	3	8	9	8	14	16	11	0
08:30	2	10	10	5	4	46	6	0
08:35	7	22	11	5	6	35	2	1
08:40	2	21	15	8	9	52	1	1
08:45	3	15	9	8	3	53	2	0
08:50	8	21	8	10	5	51	0	0
08:55	4	16	7	7	9	35	4	4
09:00	2	13	8	5	4	24	0	3
09:05	7	11	4	13	5	15	0	4
09:10	7	15	5	10	8	30	1	0
09:15	4	19	6	17	6	21	1	2
09:20	0	4	4	10	2	19	1	1
09:25	3	8	2	5	2	15	2	1
09:30	4	4	4	12	2	14	1	3
09:35	5	5	2	7	5	13	2	1
09:40	4	7	2	12	8	15	1	3
09:45	3	5	2	12	6	12	0	1
09:50	4	6	2	12	4	18	0	1
09:55	5	6	4	11	6	10	0	4
Total	102	319	186	265	164	747	80	51
Start Time	**Rolling Hour**							
07:00	15	64	28	48	30	138	9	16
07:05	16	71	32	56	32	164	10	14
07:10	17	67	40	63	36	179	17	15
07:15	21	69	53	66	40	200	22	14
07:20	18	78	63	69	42	208	34	14
07:25	18	87	68	77	45	229	43	14
07:30	21	90	74	80	55	234	54	13
07:35	23	97	84	80	55	259	57	12
07:40	28	109	93	81	59	286	59	11
07:45	29	122	100	79	67	301	59	10
07:50	29	131	105	82	68	338	60	7
07:55	37	142	108	86	72	377	58	7
08:00	39	152	113	91	76	403	62	11
08:05	39	157	117	87	78	400	61	13
08:10	45	165	113	93	76	394	52	15
08:15	48	175	103	95	78	399	48	13
08:20	51	183	98	107	78	405	37	15
08:25	49	175	96	106	75	397	29	16
08:30	49	175	89	103	63	396	20	17
08:35	51	169	83	110	61	364	15	20
08:40	49	152	74	112	60	342	15	20
08:45	51	138	61	116	59	305	15	22
08:50	51	128	54	120	62	264	13	23
08:55	47	113	48	122	61	231	13	24
09:00	48	103	45	126	58	206	9	24

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street / North Gower Street

	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	6	6	5	3	9	9	6	0
16:05	13	6	6	4	17	15	6	4
16:10	12	4	7	14	8	16	3	6
16:15	8	4	5	2	11	3	6	2
16:20	9	3	13	9	6	4	2	1
16:25	3	3	4	2	13	11	0	0
16:30	4	6	2	5	10	4	0	7
16:35	11	1	5	3	15	11	7	2
16:40	4	6	8	4	10	6	2	1
16:45	0	1	8	6	21	2	1	1
16:50	9	3	3	5	8	8	0	0
16:55	5	8	7	10	22	5	0	3
17:00	25	10	11	12	34	7	3	1
17:05	10	4	10	11	33	7	2	3
17:10	5	3	9	5	26	5	1	0
17:15	14	5	5	7	25	19	0	2
17:20	13	2	13	8	28	9	1	3
17:25	15	4	5	13	26	10	4	0
17:30	16	5	9	4	37	3	5	7
17:35	10	1	9	13	28	13	5	2
17:40	25	4	10	14	34	8	2	2
17:45	9	6	12	10	20	7	3	2
17:50	12	5	10	15	32	9	4	1
17:55	7	13	5	17	28	17	1	2
18:00	12	17	8	11	19	7	4	3
18:05	12	5	4	9	28	5	0	7
18:10	17	11	14	5	16	7	7	2
18:15	14	7	8	4	32	6	5	2
18:20	4	8	7	18	20	2	0	2
18:25	6	10	11	8	25	10	3	0
18:30	20	3	8	12	18	17	1	0
18:35	14	8	10	8	20	10	5	2
18:40	8	11	7	10	13	7	1	3
18:45	7	11	6	7	11	9	9	5
18:50	4	8	14	3	8	8	3	0
18:55	4	6	7	3	7	7	3	2
Total	367	218	285	294	718	303	105	80
Start Time	**Rolling Hour**							
16:00	84	51	73	67	150	94	33	27
16:05	103	55	79	76	175	92	30	28
16:10	100	53	83	83	191	84	26	27
16:15	93	52	85	74	209	73	24	21
16:20	99	53	85	79	223	89	18	21
16:25	103	52	85	78	245	94	17	23
16:30	115	53	86	89	258	93	21	23
16:35	127	52	93	88	285	92	26	23
16:40	126	52	97	98	298	94	24	23
16:45	147	50	99	108	322	96	24	24
16:50	156	55	103	112	321	101	26	25
16:55	159	57	110	122	345	102	30	26
17:00	161	62	108	129	351	114	31	25
17:05	148	69	105	128	336	114	32	27
17:10	150	70	99	126	331	112	30	31
17:15	162	78	104	126	321	114	36	33
17:20	162	80	107	123	328	101	41	33
17:25	153	86	101	133	320	94	40	32
17:30	144	92	107	128	319	94	39	32
17:35	148	90	106	136	300	108	35	25
17:40	152	97	107	131	292	105	35	25
17:45	135	104	104	127	271	104	34	26
17:50	133	109	98	124	262	106	40	29
17:55	125	112	102	112	238	105	39	28
18:00	122	105	104	98	217	95	41	28

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Phoenix Road

X Coordinate	Y Coordinate	Google Maps Link
51.530064	-0.133832	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limitec

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Phoenix Road

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	1	1	5	1	0	3
07:05	1	0	5	2	0	0
07:10	0	3	1	4	0	1
07:15	2	2	2	3	0	0
07:20	0	0	2	4	0	2
07:25	2	1	2	6	0	1
07:30	1	2	5	2	1	0
07:35	3	2	2	6	0	0
07:40	4	3	1	14	0	0
07:45	3	2	7	11	0	3
07:50	1	4	1	4	1	2
07:55	8	1	6	8	0	1
08:00	7	2	2	8	0	2
08:05	10	4	9	12	0	1
08:10	3	6	8	14	0	1
08:15	4	10	9	8	4	3
08:20	1	5	2	14	0	0
08:25	4	4	5	7	0	3
08:30	7	5	7	15	1	3
08:35	7	8	10	14	0	1
08:40	10	1	8	9	0	2
08:45	10	5	5	17	0	3
08:50	7	3	20	17	0	1
08:55	8	8	13	12	0	1
09:00	14	10	8	14	0	0
09:05	5	3	5	4	0	2
09:10	8	5	11	11	0	1
09:15	3	6	8	9	0	2
09:20	3	8	4	5	0	4
09:25	1	8	5	17	0	0
09:30	0	5	10	11	0	1
09:35	5	11	4	8	0	0
09:40	3	6	5	8	1	0
09:45	0	7	3	10	0	1
09:50	3	6	6	5	0	0
09:55	3	5	14	1	0	0
Total	152	162	220	315	8	45
Start Time	**Rolling Hour**					
07:00	26	21	39	65	2	13
07:05	32	22	36	72	2	12
07:10	41	26	40	82	2	13
07:15	44	29	47	92	2	13
07:20	46	37	54	97	6	16
07:25	47	42	54	107	6	14
07:30	49	45	57	108	6	16
07:35	55	48	59	121	6	19
07:40	59	54	67	129	6	20
07:45	65	52	74	124	6	22
07:50	72	55	72	130	6	22
07:55	78	54	91	143	5	21
08:00	78	61	98	147	5	21
08:05	85	69	104	153	5	19
08:10	80	68	100	145	5	20
08:15	85	67	103	142	5	20
08:20	84	63	102	143	1	19
08:25	86	66	104	134	1	23
08:30	83	70	104	144	1	20
08:35	76	70	107	140	0	18
08:40	74	73	101	134	0	17
08:45	67	78	98	133	1	15
08:50	57	80	96	126	1	13
08:55	53	83	82	114	1	12
09:00	48	80	83	103	1	11

Intelligent Data Collection Limite

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Phoenix Road

	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
16:00	4	7	10	8	0	0
16:05	5	2	8	9	0	0
16:10	9	6	6	1	0	2
16:15	4	12	14	7	0	0
16:20	5	5	10	7	0	0
16:25	1	9	7	6	0	0
16:30	3	8	9	15	0	3
16:35	2	5	1	12	0	6
16:40	9	1	4	2	0	0
16:45	2	1	11	7	0	0
16:50	4	9	11	6	0	1
16:55	6	7	1	17	0	1
17:00	12	9	5	7	1	1
17:05	6	2	8	5	0	2
17:10	3	8	9	8	0	5
17:15	3	8	12	11	1	0
17:20	6	6	12	8	2	0
17:25	6	2	7	8	0	2
17:30	7	5	7	16	0	2
17:35	3	4	8	7	0	0
17:40	5	9	15	13	0	0
17:45	6	5	15	4	1	1
17:50	7	5	8	8	0	1
17:55	9	8	9	6	0	2
18:00	4	8	7	11	0	0
18:05	4	4	9	6	3	1
18:10	1	8	15	11	0	0
18:15	9	4	14	12	0	1
18:20	3	5	4	6	0	0
18:25	3	6	9	9	0	0
18:30	10	6	11	19	0	2
18:35	2	4	14	6	0	1
18:40	3	8	21	13	0	0
18:45	6	6	9	13	0	0
18:50	10	7	6	9	0	1
18:55	8	0	11	4	0	0
Total	190	209	337	317	8	35
Start Time	**Rolling Hour**					
16:00	54	72	92	97	0	13
16:05	62	74	87	96	1	14
16:10	63	74	87	92	1	16
16:15	57	76	90	99	1	19
16:20	56	72	88	103	2	19
16:25	57	73	90	104	4	19
16:30	62	66	90	106	4	21
16:35	66	63	88	107	4	20
16:40	67	62	95	102	4	14
16:45	63	70	106	113	4	14
16:50	67	74	110	110	5	15
16:55	70	70	107	112	5	15
17:00	73	71	115	101	5	16
17:05	65	70	117	105	4	15
17:10	63	72	118	106	7	14
17:15	61	72	124	109	7	9
17:20	67	68	126	110	6	10
17:25	64	67	118	108	4	10
17:30	61	71	120	109	4	8
17:35	64	72	124	112	4	8
17:40	63	72	130	111	4	9
17:45	61	71	136	111	4	9
17:50	61	72	130	120	3	8
17:55	64	74	128	121	3	8
18:00	63	66	130	119	3	6

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Drummond Crescent

X Coordinate	Y Coordinate	Google Maps Link
51.529657	-0.133376	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Drummond Crescent

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	A1	A2	B1	B2	C1	C2
07:00	0	3	3	5	0	0
07:05	0	1	10	5	0	0
07:10	0	2	3	3	0	0
07:15	0	2	3	4	0	0
07:20	1	2	6	4	0	0
07:25	0	3	5	9	0	0
07:30	0	4	4	7	0	0
07:35	0	1	5	7	0	4
07:40	1	1	8	10	0	3
07:45	1	1	10	20	0	1
07:50	0	4	9	10	0	1
07:55	0	0	16	12	0	0
08:00	4	4	14	7	0	0
08:05	1	2	17	19	0	0
08:10	2	2	27	12	0	1
08:15	0	3	21	13	1	0
08:20	2	2	25	22	0	1
08:25	0	4	26	12	1	0
08:30	1	2	17	19	0	0
08:35	0	1	19	23	0	1
08:40	0	2	16	18	0	1
08:45	0	5	25	30	1	1
08:50	1	1	38	29	0	0
08:55	0	3	16	26	0	0
09:00	0	5	14	21	0	1
09:05	1	1	17	23	0	0
09:10	2	1	19	13	0	0
09:15	1	0	22	13	1	0
09:20	0	1	6	26	0	0
09:25	1	2	11	22	0	0
09:30	0	2	12	16	0	1
09:35	0	2	5	16	2	2
09:40	0	2	11	14	0	0
09:45	2	3	4	12	0	0
09:50	2	0	8	14	0	0
09:55	2	2	15	12	0	0
Total	25	76	487	528	6	18
Start Time	**Rolling Hour**					
07:00	3	24	82	96	0	9
07:05	7	25	93	98	0	9
07:10	8	26	100	112	0	9
07:15	10	26	124	121	0	10
07:20	10	27	142	130	1	10
07:25	11	27	161	148	1	11
07:30	11	28	182	151	2	11
07:35	12	26	195	163	2	11
07:40	12	26	209	179	2	8
07:45	11	27	217	187	2	6
07:50	10	31	232	197	3	6
07:55	11	28	261	216	3	5
08:00	11	31	261	230	3	5
08:05	7	32	261	244	3	6
08:10	7	31	261	248	3	6
08:15	7	30	253	249	3	5
08:20	8	27	254	249	3	5
08:25	6	26	235	253	3	4
08:30	7	24	220	263	2	4
08:35	6	24	215	260	2	5
08:40	6	25	201	253	4	6
08:45	6	25	196	249	4	5
08:50	8	23	175	231	3	4
08:55	9	22	145	216	3	4
09:00	11	21	144	202	3	4

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Drummond Crescent

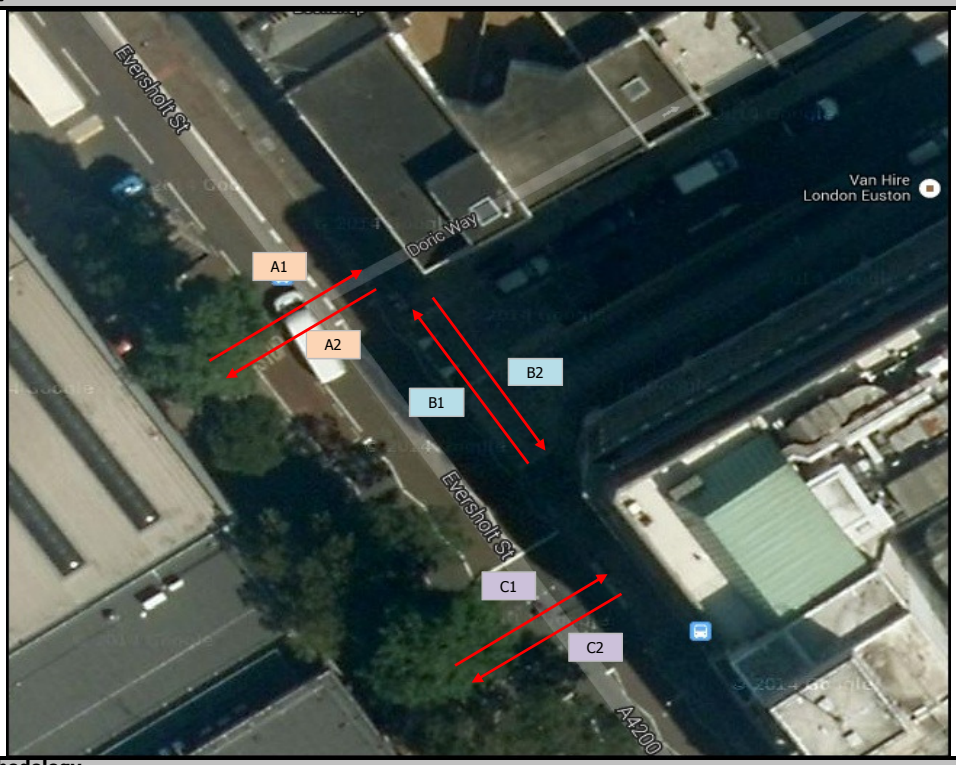
	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
16:00	0	1	19	10	0	0
16:05	1	1	14	19	0	0
16:10	0	0	12	7	0	1
16:15	0	2	13	10	0	0
16:20	2	0	22	13	0	0
16:25	1	2	16	14	0	0
16:30	0	1	19	15	1	0
16:35	1	4	15	18	0	1
16:40	0	2	13	7	1	1
16:45	0	1	16	9	1	3
16:50	0	0	18	5	1	0
16:55	1	3	17	11	0	0
17:00	0	1	25	14	0	1
17:05	1	3	17	14	1	0
17:10	1	2	23	11	0	0
17:15	2	0	16	13	0	0
17:20	0	1	13	13	0	0
17:25	1	2	10	15	0	0
17:30	4	5	17	13	0	1
17:35	0	2	12	17	1	0
17:40	3	4	18	11	2	0
17:45	1	3	33	11	0	0
17:50	0	2	19	9	0	1
17:55	0	1	14	12	0	0
18:00	3	1	18	9	0	0
18:05	0	2	25	10	0	0
18:10	0	5	13	16	0	0
18:15	1	2	18	10	0	0
18:20	0	1	15	12	3	0
18:25	1	1	20	19	0	0
18:30	0	1	21	17	0	2
18:35	1	0	22	16	0	1
18:40	0	0	21	11	0	0
18:45	0	2	7	11	0	0
18:50	0	2	8	22	0	0
18:55	0	0	18	12	2	0
Total	25	60	617	456	13	12
Start Time	**Rolling Hour**					
16:00	6	17	194	138	4	6
16:05	6	17	200	142	4	7
16:10	6	19	203	137	5	7
16:15	7	21	214	141	5	6
16:20	9	19	217	144	5	6
16:25	7	20	208	144	5	6
16:30	7	20	202	145	5	6
16:35	11	24	200	143	4	7
16:40	10	22	197	142	5	6
16:45	13	24	202	146	6	5
16:50	14	26	219	148	5	2
16:55	14	28	220	152	4	3
17:00	13	26	217	153	4	3
17:05	16	26	210	148	4	2
17:10	15	25	218	144	3	2
17:15	14	28	208	149	3	2
17:20	13	30	210	146	3	2
17:25	13	30	212	145	6	2
17:30	13	29	222	149	6	2
17:35	9	25	226	153	6	3
17:40	10	23	236	152	5	4
17:45	7	19	239	152	3	4
17:50	6	18	213	152	3	4
17:55	6	18	202	165	3	3
18:00	6	17	206	165	5	3

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Doric Way

X Coordinate	Y Coordinate	Google Maps Link
51.528829	-0.132456	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Limited visibility of Arm A crossings.

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Doric Way

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	0	0	2	5	5	11
07:05	0	0	10	4	10	6
07:10	0	0	6	5	10	11
07:15	0	0	3	3	3	8
07:20	0	1	6	7	6	8
07:25	0	1	3	6	8	8
07:30	0	1	7	5	11	9
07:35	0	1	4	5	8	5
07:40	0	0	10	9	9	10
07:45	0	1	9	16	9	6
07:50	0	0	5	8	11	10
07:55	0	2	17	6	18	8
08:00	0	0	17	12	24	19
08:05	1	3	12	9	14	12
08:10	0	2	21	17	29	21
08:15	0	1	27	10	24	14
08:20	0	7	20	17	15	10
08:25	0	0	24	17	27	26
08:30	0	0	19	17	22	9
08:35	0	5	20	22	22	20
08:40	0	2	19	20	15	7
08:45	0	1	18	29	33	16
08:50	0	0	24	22	19	11
08:55	0	0	24	28	29	11
09:00	0	0	21	25	23	12
09:05	0	0	18	20	26	21
09:10	0	0	17	10	20	15
09:15	0	0	16	13	20	22
09:20	0	2	12	20	16	18
09:25	0	1	8	17	14	21
09:30	0	1	9	21	23	19
09:35	0	0	5	13	12	18
09:40	0	0	7	13	6	11
09:45	0	3	5	9	15	17
09:50	0	0	10	12	9	15
09:55	0	1	13	16	7	14
Total	1	36	468	488	572	479
Start Time	**Rolling Hour**					
07:00	0	7	82	79	108	100
07:05	0	7	97	86	127	108
07:10	1	10	99	91	131	114
07:15	1	12	114	103	150	124
07:20	1	13	138	110	171	130
07:25	1	19	152	120	180	132
07:30	1	18	173	131	199	150
07:35	1	17	185	143	210	150
07:40	1	21	201	160	224	165
07:45	1	23	210	171	230	162
07:50	1	23	219	184	254	172
07:55	1	23	238	198	262	173
08:00	1	21	245	220	273	176
08:05	1	21	249	233	272	169
08:10	0	18	255	244	284	178
08:15	0	16	251	237	275	172
08:20	0	15	240	240	271	180
08:25	0	10	232	243	272	188
08:30	0	11	216	243	259	183
08:35	0	12	206	247	260	193
08:40	0	7	191	238	250	191
08:45	0	5	179	231	241	195
08:50	0	7	166	211	223	196
08:55	0	7	152	201	213	200
09:00	0	8	141	189	191	203

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Doric Way

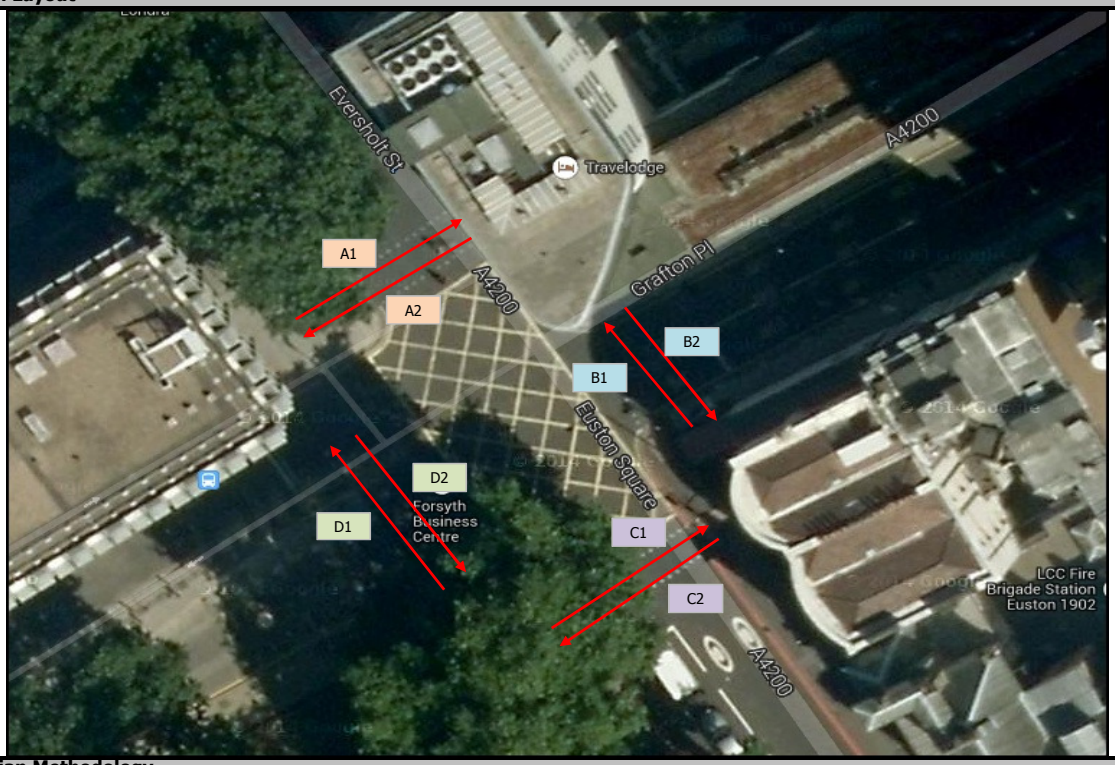
	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
16:00	0	2	8	10	7	17
16:05	0	0	2	7	13	13
16:10	1	0	4	11	8	20
16:15	0	0	8	8	16	16
16:20	0	0	6	14	10	26
16:25	0	0	18	9	4	30
16:30	0	2	5	7	13	22
16:35	0	5	12	19	6	13
16:40	0	1	11	18	11	18
16:45	0	1	9	15	21	21
16:50	0	0	9	7	16	17
16:55	0	2	13	14	7	19
17:00	0	0	5	6	27	36
17:05	0	1	11	12	9	47
17:10	0	1	4	8	19	23
17:15	0	0	4	15	17	20
17:20	0	1	7	15	16	17
17:25	0	2	13	4	13	25
17:30	2	6	3	9	8	12
17:35	0	1	9	9	18	23
17:40	0	0	3	10	14	16
17:45	0	1	5	15	22	14
17:50	0	0	15	10	13	20
17:55	0	0	10	6	15	22
18:00	0	0	6	8	13	18
18:05	0	1	9	12	25	23
18:10	3	1	5	17	17	22
18:15	0	1	20	11	28	9
18:20	0	1	21	6	16	12
18:25	1	1	13	12	19	18
18:30	0	0	18	24	16	8
18:35	0	0	9	11	18	28
18:40	0	0	6	11	16	18
18:45	1	0	4	16	11	9
18:50	0	0	10	16	22	18
18:55	0	2	17	20	19	10
Total	8	33	332	422	543	700
Start Time	**Rolling Hour**					
16:00	1	13	105	139	132	232
16:05	1	11	102	135	152	251
16:10	1	12	111	140	148	285
16:15	0	13	111	137	159	288
16:20	0	13	107	144	160	292
16:25	0	14	108	145	166	283
16:30	0	16	103	140	175	278
16:35	2	20	101	142	170	268
16:40	2	16	98	132	182	278
16:45	2	15	90	124	185	276
16:50	2	15	86	124	186	269
16:55	2	15	92	127	183	272
17:00	2	13	89	119	191	275
17:05	2	13	90	121	177	257
17:10	2	13	88	121	193	233
17:15	5	13	89	130	191	232
17:20	5	14	105	126	202	221
17:25	5	14	119	117	202	216
17:30	6	13	119	125	208	209
17:35	4	7	134	140	216	205
17:40	4	6	134	142	216	210
17:45	4	6	137	143	218	212
17:50	5	5	136	144	207	207
17:55	5	5	131	150	216	205
18:00	5	7	138	164	220	193

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Grafton Place / Churchway

X Coordinate	Y Coordinate	Google Maps Link
51.527863	-0.131367	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Grafton Place / Churchway

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**	**D1**	**D2**
07:00	2	14	5	7	11	7	17	28
07:05	10	6	7	1	9	6	25	42
07:10	11	5	9	4	10	2	23	33
07:15	15	8	9	4	6	1	24	31
07:20	16	12	8	2	10	0	15	45
07:25	24	12	9	3	16	3	20	70
07:30	16	16	6	6	19	3	24	66
07:35	20	14	6	5	13	10	36	54
07:40	25	11	4	14	38	8	34	107
07:45	25	18	6	16	23	5	18	60
07:50	30	11	11	26	17	2	22	63
07:55	38	17	4	19	23	1	30	85
08:00	43	15	1	14	23	6	40	113
08:05	21	15	1	17	32	3	34	105
08:10	30	19	3	23	27	9	35	71
08:15	20	15	3	24	37	5	25	120
08:20	34	21	5	20	46	6	38	111
08:25	20	22	11	37	25	6	43	67
08:30	28	22	12	23	42	1	28	110
08:35	40	29	17	30	52	7	38	180
08:40	31	14	8	27	53	6	43	159
08:45	37	23	15	32	58	11	39	175
08:50	42	29	24	42	44	10	35	163
08:55	35	26	18	35	24	4	37	183
09:00	13	28	11	29	33	4	39	157
09:05	18	26	13	23	12	3	40	102
09:10	32	15	14	11	38	6	31	141
09:15	19	16	9	17	30	7	34	113
09:20	28	19	11	30	20	8	34	110
09:25	27	20	8	19	19	3	41	97
09:30	18	16	7	17	19	3	26	96
09:35	28	9	3	23	26	9	37	112
09:40	17	14	9	10	23	3	41	92
09:45	16	15	8	17	10	2	42	97
09:50	26	22	15	19	12	7	31	86
09:55	18	19	12	16	6	7	28	65
Total	873	613	322	662	906	184	1147	3509
Start Time	**Rolling Hour**							
07:00	232	144	84	107	195	48	288	684
07:05	273	145	80	114	207	47	311	769
07:10	284	154	74	130	230	44	320	832
07:15	303	168	68	149	247	51	332	870
07:20	308	175	62	169	278	55	333	959
07:25	326	184	59	187	314	61	356	1025
07:30	322	194	61	221	323	64	379	1022
07:35	334	200	67	238	346	62	383	1066
07:40	354	215	78	263	385	59	385	1192
07:45	360	218	82	276	400	57	394	1244
07:50	372	223	91	292	435	63	415	1359
07:55	384	241	104	308	462	71	428	1459
08:00	381	250	118	324	463	74	435	1557
08:05	351	263	128	339	473	72	434	1601
08:10	348	274	140	345	453	72	440	1598
08:15	350	270	151	333	464	69	436	1668
08:20	349	271	157	326	457	71	445	1661
08:25	343	269	163	336	431	73	441	1660
08:30	350	267	160	318	425	70	439	1690
08:35	340	261	155	312	402	72	437	1676
08:40	328	241	141	305	376	74	436	1608
08:45	314	241	142	288	346	71	434	1541
08:50	293	233	135	273	298	62	437	1463
08:55	277	226	126	250	266	59	433	1386
09:00	260	219	120	231	248	62	424	1268

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Eversholt Street / Grafton Place / Churchway

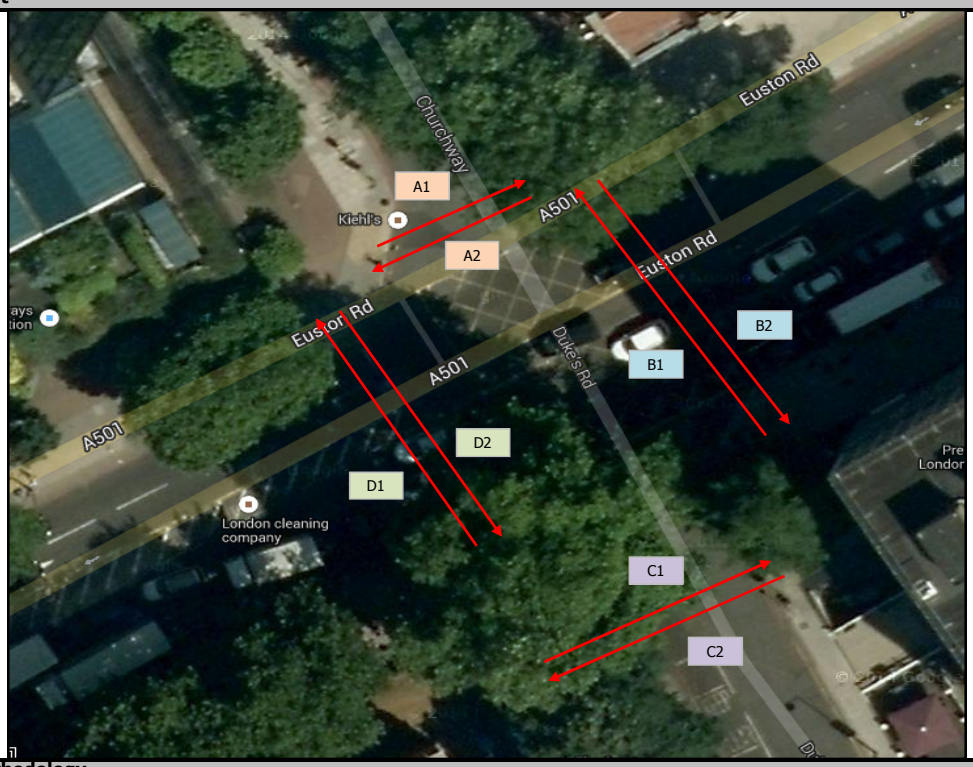
	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	27	26	10	20	13	12	65	41
16:05	22	23	14	25	13	17	88	28
16:10	22	30	28	17	8	14	80	46
16:15	27	36	12	16	11	15	75	29
16:20	17	29	16	18	8	16	70	47
16:25	19	22	14	21	14	12	75	37
16:30	29	33	23	26	16	12	109	35
16:35	18	34	23	25	3	24	75	25
16:40	29	28	15	13	17	10	113	35
16:45	21	21	17	24	9	13	118	40
16:50	21	20	6	20	11	18	98	46
16:55	20	25	9	14	6	20	106	31
17:00	26	35	10	19	11	19	109	54
17:05	22	58	30	21	14	29	134	55
17:10	39	42	19	14	17	31	160	48
17:15	28	34	13	17	10	8	126	48
17:20	18	37	18	29	19	26	146	63
17:25	27	47	20	32	26	32	128	66
17:30	27	56	19	19	10	17	127	37
17:35	10	43	14	20	6	28	184	33
17:40	40	40	29	14	15	19	157	52
17:45	59	61	22	24	7	15	149	66
17:50	38	35	25	24	20	22	125	80
17:55	19	41	17	6	8	22	122	56
18:00	45	36	18	14	8	7	131	38
18:05	29	54	17	19	12	14	139	40
18:10	26	35	23	8	11	15	100	39
18:15	21	24	19	9	30	28	118	44
18:20	39	35	15	15	23	23	129	43
18:25	26	29	24	27	10	41	125	38
18:30	17	40	27	18	10	18	110	31
18:35	31	42	32	15	16	15	112	48
18:40	21	43	21	13	12	17	85	39
18:45	37	33	28	36	15	13	96	40
18:50	19	29	15	19	17	14	70	45
18:55	16	20	14	19	9	10	81	38
Total	952	1276	676	690	465	666	4035	1581
Start Time	**Rolling Hour**							
16:00	272	327	187	239	129	183	1072	440
16:05	271	336	187	238	127	190	1116	453
16:10	271	371	203	234	128	202	1162	480
16:15	288	383	194	231	137	219	1242	482
16:20	289	381	195	232	136	212	1293	501
16:25	290	389	197	243	147	222	1369	517
16:30	298	414	203	254	159	242	1422	546
16:35	296	437	199	247	153	247	1440	548
16:40	288	446	190	242	156	251	1549	556
16:45	299	458	204	243	154	260	1593	573
16:50	337	498	209	243	152	262	1624	599
16:55	354	513	228	247	161	266	1651	633
17:00	353	529	236	239	163	268	1667	658
17:05	372	530	244	234	160	256	1689	642
17:10	379	526	231	232	158	241	1694	627
17:15	366	519	235	226	152	225	1634	618
17:20	359	509	241	218	172	245	1626	614
17:25	380	507	238	204	176	242	1609	594
17:30	379	489	242	199	160	251	1606	566
17:35	369	473	250	198	160	252	1589	560
17:40	390	472	268	193	170	239	1517	575
17:45	371	475	260	192	167	237	1445	562
17:50	349	447	266	204	175	235	1392	536
17:55	330	441	256	199	172	227	1337	501
18:00	327	420	253	212	173	215	1296	483

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Churchway / Euston Road / Duke's Road

X Coordinate	Y Coordinate	Google Maps Link
51.527734	-0.129732	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Limited visibility of Arm D crossings.

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Churchway / Euston Road / Duke's Road

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**	**D1**	**D2**
07:00	13	38	2	0	6	13	0	3
07:05	10	14	2	2	8	8	0	2
07:10	11	25	2	1	4	13	0	0
07:15	18	30	2	1	6	15	0	2
07:20	10	36	3	4	6	15	0	1
07:25	14	32	1	3	15	18	0	2
07:30	15	42	3	4	13	21	2	2
07:35	25	42	2	0	7	20	2	1
07:40	11	32	1	0	11	15	1	1
07:45	17	48	0	1	9	24	1	4
07:50	25	51	1	0	15	18	1	2
07:55	15	72	2	1	7	24	0	0
08:00	28	72	3	3	11	41	1	5
08:05	17	75	4	1	10	33	4	6
08:10	24	62	2	4	6	41	0	5
08:15	23	81	3	2	20	27	2	5
08:20	26	113	1	5	21	35	0	4
08:25	36	139	2	5	15	47	0	2
08:30	24	157	3	3	14	66	0	3
08:35	23	116	6	6	14	28	2	1
08:40	29	101	1	7	16	54	0	7
08:45	34	125	1	4	25	48	4	7
08:50	32	145	6	4	26	69	1	9
08:55	39	130	5	14	18	55	2	6
09:00	42	119	4	6	21	45	2	5
09:05	20	91	4	4	23	41	0	7
09:10	28	87	2	8	24	48	0	3
09:15	43	75	0	12	28	32	2	5
09:20	30	101	4	5	18	46	1	3
09:25	29	69	2	3	25	28	1	3
09:30	38	70	1	6	22	43	1	4
09:35	37	56	3	4	8	46	0	1
09:40	26	55	0	7	18	32	3	1
09:45	43	58	1	6	28	48	3	2
09:50	42	66	2	4	15	32	1	6
09:55	26	51	2	4	10	35	1	3
Total	923	2676	83	144	543	1224	38	123
Start Time	**Rolling Hour**							
07:00	184	462	21	17	107	204	7	20
07:05	199	496	22	20	112	232	8	22
07:10	206	557	24	19	114	257	12	26
07:15	219	594	24	22	116	285	12	31
07:20	224	645	25	23	130	297	14	34
07:25	240	722	23	24	145	317	14	37
07:30	262	829	24	26	145	346	14	37
07:35	271	944	24	25	146	391	12	38
07:40	269	1018	28	31	153	399	12	38
07:45	287	1087	28	38	158	438	11	44
07:50	304	1164	29	41	174	462	14	47
07:55	311	1258	34	45	185	513	14	54
08:00	335	1316	37	58	196	544	16	60
08:05	349	1363	38	61	206	548	17	60
08:10	352	1379	38	64	219	556	13	61
08:15	356	1404	38	68	237	563	13	59
08:20	376	1398	35	78	245	568	13	59
08:25	380	1386	38	78	242	579	14	58
08:30	373	1316	38	76	252	560	15	59
08:35	387	1229	36	79	260	537	16	60
08:40	401	1169	33	77	254	555	14	60
08:45	398	1123	32	77	256	533	17	54
08:50	407	1056	32	79	259	533	16	49
08:55	417	977	28	79	248	496	16	46
09:00	404	898	25	69	240	476	15	43

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Churchway / Euston Road / Duke's Road

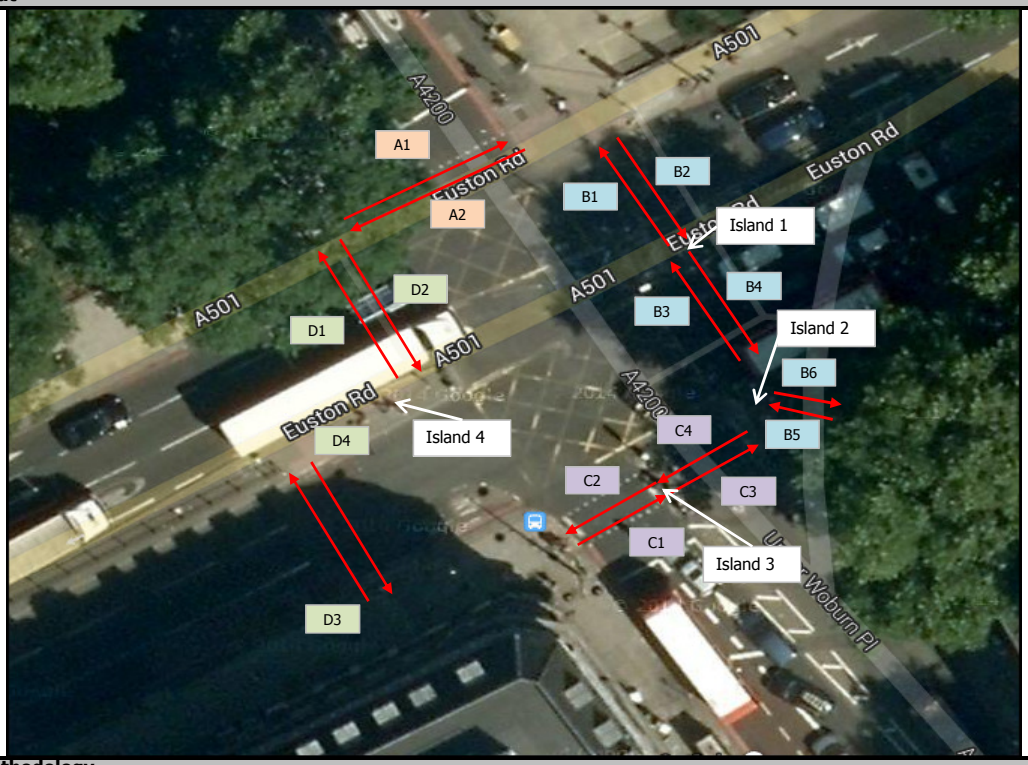
	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	58	38	3	1	42	17	1	1
16:05	74	41	4	1	27	37	1	0
16:10	41	49	5	2	51	21	0	0
16:15	63	50	5	7	25	17	0	1
16:20	73	53	6	5	35	25	2	1
16:25	56	51	3	2	25	15	2	0
16:30	69	44	5	4	33	36	0	5
16:35	55	59	8	2	38	21	0	1
16:40	70	42	4	0	32	22	0	3
16:45	65	40	7	4	33	23	1	1
16:50	75	44	7	4	30	18	2	4
16:55	72	43	6	2	48	6	4	3
17:00	67	62	7	2	37	17	3	1
17:05	85	52	7	2	38	22	2	9
17:10	79	62	10	3	91	29	0	6
17:15	95	67	6	7	48	34	6	6
17:20	94	53	14	1	38	35	1	0
17:25	90	58	13	3	55	36	0	1
17:30	93	50	6	11	51	31	1	0
17:35	88	49	13	3	37	14	2	0
17:40	92	56	12	4	44	32	3	1
17:45	119	34	6	10	57	30	3	0
17:50	121	50	9	11	62	45	0	1
17:55	88	40	13	9	79	20	2	2
18:00	78	37	3	3	58	34	1	1
18:05	94	54	10	1	80	31	5	1
18:10	92	41	4	0	43	27	4	4
18:15	75	60	9	8	55	31	3	3
18:20	79	55	2	5	48	31	1	6
18:25	79	59	5	2	52	22	3	3
18:30	70	34	2	8	51	23	2	1
18:35	97	45	3	5	39	24	1	1
18:40	110	54	11	2	39	31	1	0
18:45	76	54	7	2	40	22	4	0
18:50	79	60	1	7	52	22	0	5
18:55	73	47	8	8	30	22	2	1
Total	2884	1787	244	151	1643	923	63	73
Start Time	**Rolling Hour**							
16:00	771	554	63	34	419	258	13	20
16:05	780	578	67	35	414	258	15	20
16:10	791	589	70	36	425	243	16	29
16:15	829	602	75	37	465	251	16	35
16:20	861	619	76	37	488	268	22	40
16:25	882	619	84	33	491	278	21	39
16:30	916	626	94	34	521	299	19	40
16:35	940	632	95	41	539	294	20	35
16:40	973	622	100	42	538	287	22	34
16:45	995	636	108	46	550	297	25	32
16:50	1049	630	107	52	574	304	27	31
16:55	1095	636	109	59	606	331	25	28
17:00	1111	633	116	66	637	345	23	27
17:05	1122	608	112	67	658	362	21	27
17:10	1131	610	115	66	700	371	24	19
17:15	1144	589	109	63	652	369	28	17
17:20	1124	582	112	64	659	366	25	14
17:25	1109	584	100	68	669	362	25	20
17:30	1098	585	92	67	666	348	28	22
17:35	1075	569	88	64	666	340	29	23
17:40	1084	565	78	66	668	350	28	24
17:45	1102	563	77	64	663	349	26	23
17:50	1059	583	78	56	646	341	27	23
17:55	1017	593	70	52	636	318	27	27
18:00	1002	600	65	51	587	320	27	26

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Upper Woburn Place / Euston Square

X Coordinate	Y Coordinate	Google Maps Link
51.527331	-0.13082	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Upper Woburn Place / Euston Square

	Arm A									Arm B		
	A1		A2		B1		B2		Number of people waiting on Island 1 at start of green (B1)	B3		B4
	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)
Start of Green	06:59:56	5	06:59:56	5	07:01:05	0	07:01:05	3	0	07:01:05	0	07:01:05
Start of Red	07:00:58	0	07:00:58	1	07:01:20	6	07:01:20	1	0	07:01:20	6	07:01:20
Start of Green	07:01:33	2	07:01:33	4	07:02:40	0	07:02:40	3	0	07:02:40	0	07:02:40
Start of Red	07:02:31	1	07:02:31	2	07:02:55	1	07:02:55	1	0	07:02:55	1	07:02:55
Start of Green	07:03:07	6	07:03:07	9	07:04:16	2	07:04:16	2	0	07:04:16	2	07:04:16
Start of Red	07:04:08	0	07:04:08	2	07:04:30	0	07:04:30	0	0	07:04:30	0	07:04:30
Start of Green	07:04:43	3	07:04:43	6	07:05:53	0	07:05:53	12	0	07:05:53	0	07:05:53
Start of Red	07:05:45	2	07:05:45	2	07:06:07	5	07:06:07	1	0	07:06:07	1	07:06:07
Start of Green	07:06:21	1	07:06:21	4	07:07:27	1	07:07:27	1	4	07:07:27	5	07:07:27
Start of Red	07:07:20	0	07:07:20	0	07:07:43	1	07:07:43	1	0	07:07:43	0	07:07:43
Start of Green	07:07:56	6	07:07:56	5	07:09:03	2	07:09:03	10	1	07:09:03	1	07:09:03
Start of Red	07:08:56	1	07:08:56	0	07:09:19	0	07:09:19	0	0	07:09:19	3	07:09:19
Start of Green	07:09:31	2	07:09:31	2	07:10:39	2	07:10:39	4	1	07:10:39	1	07:10:39
Start of Red	07:10:31	0	07:10:31	1	07:10:56	0	07:10:56	2	0	07:10:56	1	07:10:56
Start of Green	07:11:07	4	07:11:07	1	07:12:17	0	07:12:17	7	0	07:12:17	0	07:12:17
Start of Red	07:12:09	0	07:12:09	0	07:12:33	0	07:12:33	5	0	07:12:33	0	07:12:33
Start of Green	07:12:46	1	07:12:46	4	07:13:53	5	07:13:53	3	3	07:13:53	2	07:13:53
Start of Red	07:13:46	1	07:13:46	5	07:14:08	0	07:14:08	1	0	07:14:08	0	07:14:08
Start of Green	07:14:20	3	07:14:20	5	07:15:28	8	07:15:28	1	0	07:15:28	8	07:15:28
Start of Red	07:15:21	0	07:15:21	3	07:15:45	1	07:15:45	3	0	07:15:45	1	07:15:45
Start of Green	07:15:56	6	07:15:56	13	07:17:04	1	07:17:04	9	0	07:17:04	0	07:17:04
Start of Red	07:16:54	2	07:16:54	1	07:17:20	0	07:17:20	0	0	07:17:20	0	07:17:20
Start of Green	07:17:32	0	07:17:32	6	07:18:40	0	07:18:40	3	0	07:18:40	0	07:18:40
Start of Red	07:18:34	1	07:18:34	2	07:18:56	0	07:18:56	0	0	07:18:56	2	07:18:56
Start of Green	07:19:08	1	07:19:08	3	07:20:17	1	07:20:17	1	2	07:20:17	0	07:20:17
Start of Red	07:20:09	0	07:20:09	2	07:20:32	1	07:20:32	2	0	07:20:32	1	07:20:32
Start of Green	07:20:46	4	07:20:46	3	07:21:53	0	07:21:53	2	0	07:21:53	0	07:21:53
Start of Red	07:21:45	0	07:21:45	1	07:22:08	0	07:22:08	3	0	07:22:08	0	07:22:08
Start of Green	07:22:20	4	07:22:20	5	07:23:28	0	07:23:28	2	0	07:23:28	1	07:23:28
Start of Red	07:23:20	0	07:23:20	1	07:23:43	5	07:23:43	4	0	07:23:43	4	07:23:43
Start of Green	07:23:56	2	07:23:56	4	07:25:04	0	07:25:04	4	1	07:25:04	1	07:25:04
Start of Red	07:24:58	1	07:24:58	3	07:25:20	1	07:25:20	0	0	07:25:20	0	07:25:20
Start of Green	07:25:32	7	07:25:32	14	07:26:42	2	07:26:42	21	0	07:26:42	4	07:26:42
Start of Red	07:26:34	0	07:26:34	0	07:26:56	2	07:26:56	1	0	07:26:56	1	07:26:56
Start of Green	07:27:08	6	07:27:08	12	07:28:16	0	07:28:16	11	0	07:28:16	0	07:28:16
Start of Red	07:28:09	0	07:28:09	0	07:28:32	0	07:28:32	1	0	07:28:32	0	07:28:32
Start of Green	07:28:45	4	07:28:45	6	07:29:52	3	07:29:52	8	0	07:29:52	1	07:29:52
Start of Red	07:29:45	0	07:29:45	4	07:30:07	0	07:30:07	0	2	07:30:07	4	07:30:07
Start of Green	07:30:21	5	07:30:21	9	07:31:28	4	07:31:28	5	0	07:31:28	0	07:31:28
Start of Red	07:31:21	0	07:31:21	1	07:31:42	0	07:31:42	1	0	07:31:42	2	07:31:42
Start of Green	07:31:56	3	07:31:56	12	07:33:04	2	07:33:04	9	2	07:33:04	0	07:33:04
Start of Red	07:32:57	1	07:32:57	1	07:33:20	1	07:33:20	1	0	07:33:20	2	07:33:20
Start of Green	07:33:32	4	07:33:32	11	07:34:41	3	07:34:41	11	3	07:34:41	4	07:34:41
Start of Red	07:34:35	0	07:34:35	1	07:34:58	3	07:34:58	0	0	07:34:58	1	07:34:58
Start of Green	07:35:08	1	07:35:08	6	07:36:18	2	07:36:18	2	0	07:36:18	3	07:36:18
Start of Red	07:36:11	0	07:36:11	1	07:36:35	1	07:36:35	5	0	07:36:35	1	07:36:35
Start of Green	07:36:46	11	07:36:46	10	07:37:55	1	07:37:55	0	1	07:37:55	1	07:37:55
Start of Red	07:37:48	0	07:37:48	1	07:38:11	1	07:38:11	6	0	07:38:11	5	07:38:11
Start of Green	07:38:23	4	07:38:23	2	07:39:32	6	07:39:32	5	4	07:39:32	0	07:39:32
Start of Red	07:39:24	0	07:39:24	2	07:39:46	0	07:39:46	9	0	07:39:46	0	07:39:46
Start of Green	07:39:58	4	07:39:58	6	07:41:07	3	07:41:07	8	1	07:41:07	8	07:41:07
Start of Red	07:41:00	0	07:41:00	1	07:41:23	7	07:41:23	2	0	07:41:23	1	07:41:23
Start of Green	07:41:35	5	07:41:35	18	07:42:43	1	07:42:43	15	0	07:42:43	0	07:42:43
Start of Red	07:42:36	0	07:42:36	1	07:42:59	0	07:42:59	1	0	07:42:59	1	07:42:59
Start of Green	07:43:11	3	07:43:11	5	07:44:21	1	07:44:21	19	1	07:44:21	0	07:44:21
Start of Red	07:44:13	3	07:44:13	6	07:44:38	1	07:44:38	3	0	07:44:38	4	07:44:38
Start of Green	07:44:49	4	07:44:49	8	07:45:58	4	07:45:58	22	0	07:45:58	0	07:45:58
Start of Red	07:45:50	1	07:45:50	0	07:46:13	1	07:46:13	4	0	07:46:13	4	07:46:13
Start of Green	07:46:25	4	07:46:25	11	07:47:33	1	07:47:33	6	3	07:47:33	1	07:47:33
Start of Red	07:47:25	0	07:47:25	2	07:47:49	3	07:47:49	2	0	07:47:49	3	07:47:49
Start of Green	07:48:01	2	07:48:01	10	07:49:09	0	07:49:09	10	0	07:49:09	1	07:49:09
Start of Red	07:49:02	1	07:49:02	3	07:49:25	1	07:49:25	0	0	07:49:25	2	07:49:25
Start of Green	07:49:37	5	07:49:37	11	07:50:46	2	07:50:46	8	2	07:50:46	0	07:50:46
Start of Red	07:50:39	1	07:50:39	5	07:51:02	0	07:51:02	1	0	07:51:02	1	07:51:02
Start of Green	07:51:14	4	07:51:14	14	07:52:21	1	07:52:21	15	1	07:52:21	0	07:52:21
Start of Red	07:52:17	0	07:52:17	1	07:52:37	2	07:52:37	4	0	07:52:37	2	07:52:37
Start of Green	07:52:47	3	07:52:47	5	07:54:01	3	07:54:01	6	2	07:54:01	3	07:54:01
Start of Red	07:53:54	1	07:53:54	1	07:54:17	0	07:54:17	4	0	07:54:17	1	07:54:17
Start of Green	07:54:29	6	07:54:29	10	07:55:37	2	07:55:37	13	1	07:55:37	1	07:55:37
Start of Red	07:55:30	0	07:55:30	4	07:55:52	0	07:55:52	0	0	07:55:52	1	07:55:52
Start of Green	07:56:05	8	07:56:05	9	07:57:12	1	07:57:12	12	1	07:57:12	0	07:57:12
Start of Red	07:57:05	1	07:57:05	2	07:57:28	0	07:57:28	3	0	07:57:28	0	07:57:28
Start of Green	07:57:40	7	07:57:40	12	07:58:48	0	07:58:48	10	0	07:58:48	2	07:58:48
Start of Red	07:58:41	0	07:58:41	2	07:59:04	0	07:59:04	4	0	07:59:04	0	07:59:04
Start of Green	07:59:16	8	07:59:16	12	08:00:24	3	08:00:24	19	2	08:00:24	1	08:00:24
Start of Red	08:00:16	1	08:00:16	4	08:00:39	1	08:00:39	12	0	08:00:39	0	08:00:39
Start of Green	08:00:52	12	08:00:52	16	08:02:01	0	08:02:01	10	0	08:02:01	0	08:02:01
Start of Red	08:01:54	0	08:01:54	3	08:02:16	0	08:02:16	1	0	08:02:16	3	08:02:16
Start of Green	08:02:29	1	08:02:29	11	08:03:37	4	08:03:37	7	0	08:03:37	1	08:03:37
Start of Red	08:03:30	0	08:03:30	7	08:03:52	0	08:03:52	4	0	08:03:52	2	08:03:52
Start of Green	08:04:05	2	08:04:05	14	08:05:16	5	08:05:16	7	2	08:05:16	3	08:05:16
Start of Red	08:05:09	1	08:05:09	2	08:05:32	0	08:05:32	1	0	08:05:32	1	08:05:32
Start of Green	08:05:44	8	08:05:44	15	08:06:54	0	08:06:54	14	2	08:06:54	0	08:06:54
Start of Red	08:06:46	0	08:06:46	1	08:07:10	0	08:07:10	6	0	08:07:10	2	08:07:10
Start of Green	08:07:22	1	08:07:22	22	08:08:28	2	08:08:28	7	1	08:08:28	2	08:08:28
Start of Red	08:08:21	0	08:08:21	4	08:08:44	2	08:08:44	5	0	08:08:44	2	08:08:44
Start of Green	08:08:56	13	08:08:56	17	08:10:06	2	08:10:06	13	1	08:10:06	1	08:10:06
Start of Red	08:09:59	0	08:09:59	0	08:10:21	1	08:10:21	0	0	08:10:21	3	08:10:21
Start of Green	08:10:34	8	08:10:34	12	08:11:42	3	08:11:42	18	1	08:11:42	1	08:11:42
Start of Red	08:11:35	0	08:11:35	4	08:11:58	0	08:11:58	0	0	08:11:58	2	08:11:58
Start of Green	08:12:10	4	08:12:10	2	08:13:16	5	08:13:16	21	0	08:13:16	4	08:13:16
Start of Red	08:13:08	0	08:13:08	4	08:13:31	0	08:13:31	2	0	08:13:31	0	08:13:31
Start of Green	08:13:43	0	08:13:43	19	08:14:51	4	08:14:51	8	0	08:14:51	4	08:14:51
Start of Red	08:14:44	0	08:14:44	2	08:15:06	2	08:15:06	4	0	08:15:06	2	08:15:06
Start of Green	08:15:19	2	08:15:19	24	08:16:28	1	08:16:28	14	0	08:16:28	1	08:16:28
Start of Red	08:16:20	0	08:16:20	4	08:16:44	0	08:16:44	6	0	08:16:44	0	08:16:44
Start of Green	08:16:56	5	08:16:56	24	08:18:04	1	08:18:04	19	1	08:18:04	1	08:18:04
Start of Red	08:17:56	0	08:17:56	3	08:18:19	2	08:18:19	2	0	08:18:19	3	08:18:19
Start of Green	08:18:32	6	08:18:32	17	08:19:40	2	08:19:40	26	0	08:19:40	1	08:19:40
Start of Red	08:19:35	0	08:19:35	3	08:19:56	0	08:19:56	0	0	08:19:56	1	08:19:56
Start of Green	08:20:08	11	08:20:08	9	08:21:16	1	08:21:16	13	1	08:21:16	0	08:21:16
Start of Red	08:21:09	0	08:21:09	3	08:21:32	1	08:21:32	8	0	08:21:32	2	08:21:32
Start of Green	08:21:44	0	08:21:44	13	08:22:52	1	08:22:52	12	1	08:22:52	0	08:22:52
Start of Red	08:22:44	0	08:22:44	2	08:23:08	3	08:23:08	11	0	08:23:08	2	08:23:08
Start of Green	08:23:19	11	08:23:19	23	08:24:28	4	08:24:28	10	0	08:24:28	4	08:24:28
Start of Red	08:24:20	2	08:24:20	3	08:24:44	0	08:24:44	5	0	08:24:44	2	08:24:44
Start of Green	08:24:55	6	08:24:55	26	08:26:03	3	08:26:03	26	2	08:26:03	3	08:26:03
Start of Red	08:25:56	0	08:25:56	8	08:26:19	5	08:26:19	19	0	08:26:19	5	08:26:19

Start of Green	08:26:31	3	08:26:31	22	08:27:42	3	08:27:42	5	1	08:27:42	2	08:27:42
Start of Red	08:27:36	0	08:27:36	6	08:27:57	1	08:27:57	13	0	08:27:57	4	08:27:57
Start of Green	08:28:10	7	08:28:10	27	08:29:19	4	08:29:19	7	0	08:29:19	0	08:29:19
Start of Red	08:29:12	0	08:29:12	1	08:29:35	0	08:29:35	6	0	08:29:35	1	08:29:35
Start of Green	08:29:46	3	08:29:46	21	08:30:57	1	08:30:57	14	0	08:30:57	1	08:30:57
Start of Red	08:30:50	0	08:30:50	0	08:31:10	2	08:31:10	20	0	08:31:10	2	08:31:10
Start of Green	08:31:23	9	08:31:23	34	08:32:31	0	08:32:31	10	0	08:32:31	1	08:32:31
Start of Red	08:32:24	3	08:32:24	9	08:32:47	3	08:32:47	17	0	08:32:47	4	08:32:47
Start of Green	08:32:59	16	08:32:59	32	08:34:07	2	08:34:07	26	0	08:34:07	1	08:34:07
Start of Red	08:34:00	0	08:34:00	2	08:34:23	0	08:34:23	10	0	08:34:23	1	08:34:23
Start of Green	08:34:35	9	08:34:35	32	08:35:43	3	08:35:43	13	0	08:35:43	2	08:35:43
Start of Red	08:35:36	0	08:35:36	3	08:35:58	0	08:35:58	4	0	08:35:58	4	08:35:58
Start of Green	08:36:11	9	08:36:11	31	08:37:19	4	08:37:19	32	4	08:37:19	1	08:37:19
Start of Red	08:37:12	0	08:37:12	0	08:37:35	1	08:37:35	23	0	08:37:35	0	08:37:35
Start of Green	08:37:47	5	08:37:47	25	08:38:55	2	08:38:55	3	0	08:38:55	3	08:38:55
Start of Red	08:38:48	0	08:38:48	2	08:39:10	2	08:39:10	0	0	08:39:10	9	08:39:10
Start of Green	08:39:23	5	08:39:23	17	08:40:31	9	08:40:31	43	8	08:40:31	1	08:40:31
Start of Red	08:40:24	2	08:40:24	2	08:40:46	1	08:40:46	22	0	08:40:46	4	08:40:46
Start of Green	08:40:59	8	08:40:59	26	08:42:07	3	08:42:07	15	0	08:42:07	1	08:42:07
Start of Red	08:42:00	2	08:42:00	8	08:42:23	1	08:42:23	14	0	08:42:23	3	08:42:23
Start of Green	08:42:34	8	08:42:34	35	08:43:43	3	08:43:43	31	0	08:43:43	3	08:43:43
Start of Red	08:43:36	1	08:43:36	2	08:43:58	3	08:43:58	2	0	08:43:58	1	08:43:58
Start of Green	08:44:10	8	08:44:10	14	08:45:17	4	08:45:17	22	1	08:45:17	6	08:45:17
Start of Red	08:45:10	0	08:45:10	1	08:45:33	3	08:45:33	13	0	08:45:33	0	08:45:33
Start of Green	08:45:44	8	08:45:44	17	08:46:55	4	08:46:55	21	0	08:46:55	4	08:46:55
Start of Red	08:46:48	0	08:46:48	6	08:47:10	2	08:47:10	20	0	08:47:10	4	08:47:10
Start of Green	08:47:23	8	08:47:23	17	08:48:31	2	08:48:31	28	2	08:48:31	2	08:48:31
Start of Red	08:48:24	1	08:48:24	2	08:48:46	0	08:48:46	22	0	08:48:46	3	08:48:46
Start of Green	08:48:59	12	08:48:59	25	08:50:07	12	08:50:07	16	4	08:50:07	10	08:50:07
Start of Red	08:50:00	1	08:50:00	10	08:50:26	3	08:50:26	7	0	08:50:26	3	08:50:26
Start of Green	08:50:35	8	08:50:35	33	08:51:40	5	08:51:40	21	3	08:51:40	1	08:51:40
Start of Red	08:51:33	0	08:51:33	8	08:51:58	1	08:51:58	19	0	08:51:58	1	08:51:58
Start of Green	08:52:08	9	08:52:08	35	08:53:18	1	08:53:18	22	0	08:53:18	1	08:53:18
Start of Red	08:53:11	0	08:53:11	1	08:53:33	0	08:53:33	10	0	08:53:33	5	08:53:33
Start of Green	08:53:46	25	08:53:46	36	08:54:54	5	08:54:54	36	5	08:54:54	1	08:54:54
Start of Red	08:54:47	0	08:54:47	1	08:55:09	1	08:55:09	2	0	08:55:09	0	08:55:09
Start of Green	08:55:22	18	08:55:22	21	08:56:30	2	08:56:30	30	0	08:56:30	9	08:56:30
Start of Red	08:56:23	0	08:56:23	7	08:56:46	8	08:56:46	14	0	08:56:46	8	08:56:46
Start of Green	08:56:58	21	08:56:58	27	08:58:06	4	08:58:06	21	0	08:58:06	1	08:58:06
Start of Red	08:57:59	2	08:57:59	0	08:58:22	1	08:58:22	11	0	08:58:22	2	08:58:22
Start of Green	08:58:27	13	08:58:27	28	08:59:42	2	08:59:42	16	2	08:59:42	3	08:59:42
Start of Red	08:59:35	1	08:59:35	1	08:59:57	2	08:59:57	4	0	08:59:57	2	08:59:57
Start of Green	09:00:09	17	09:00:09	23	09:01:18	6	09:01:18	12	0	09:01:18	6	09:01:18
Start of Red	09:01:11	0	09:01:11	3	09:01:33	2	09:01:33	18	0	09:01:33	1	09:01:33
Start of Green	09:01:45	18	09:01:45	33	09:02:54	3	09:02:54	23	0	09:02:54	3	09:02:54
Start of Red	09:02:47	2	09:02:47	6	09:03:10	4	09:03:10	17	0	09:03:10	4	09:03:10
Start of Green	09:03:25	9	09:03:25	25	09:04:30	0	09:04:30	10	0	09:04:30	0	09:04:30
Start of Red	09:04:23	0	09:04:23	2	09:04:45	1	09:04:45	17	0	09:04:45	1	09:04:45
Start of Green	09:04:58	2	09:04:58	33	09:06:06	0	09:06:06	4	6	09:06:06	0	09:06:06
Start of Red	09:05:59	0	09:05:59	3	09:06:22	0	09:06:22	9	0	09:06:22	7	09:06:22
Start of Green	09:06:34	16	09:06:34	16	09:07:42	7	09:07:42	18	7	09:07:42	0	09:07:42
Start of Red	09:07:35	0	09:07:35	0	09:07:58	0	09:07:58	5	0	09:07:58	0	09:07:58
Start of Green	09:08:09	8	09:08:09	21	09:09:17	3	09:09:17	16	1	09:09:17	9	09:09:17
Start of Red	09:09:10	0	09:09:10	0	09:09:32	5	09:09:32	15	0	09:09:32	1	09:09:32
Start of Green	09:09:45	12	09:09:45	24	09:10:52	3	09:10:52	4	1	09:10:52	5	09:10:52
Start of Red	09:10:45	1	09:10:45	0	09:11:08	4	09:11:08	19	0	09:11:08	2	09:11:08
Start of Green	09:11:20	10	09:11:20	23	09:12:30	2	09:12:30	5	0	09:12:30	2	09:12:30
Start of Red	09:12:23	0	09:12:23	1	09:12:44	0	09:12:44	12	0	09:12:44	6	09:12:44
Start of Green	09:12:57	5	09:12:57	12	09:14:04	6	09:14:04	12	0	09:14:04	2	09:14:04
Start of Red	09:13:57	0	09:13:57	3	09:14:20	6	09:14:20	4	0	09:14:20	2	09:14:20
Start of Green	09:14:31	10	09:14:31	26	09:15:40	3	09:15:40	17	3	09:15:40	0	09:15:40
Start of Red	09:15:33	3	09:15:33	8	09:15:55	0	09:15:55	6	0	09:15:55	2	09:15:55
so	09:16:08	10	09:16:08	11	09:17:14	3	09:17:14	11	2	09:17:14	0	09:17:14
Start of Red	09:17:07	1	09:17:07	1	09:17:30	0	09:17:30	12	0	09:17:30	2	09:17:30
Start of Green	09:17:44	11	09:17:44	12	09:18:51	6	09:18:51	9	0	09:18:51	4	09:18:51
Start of Red	09:18:44	0	09:18:44	0	09:19:06	1	09:19:06	4	0	09:19:06	1	09:19:06
Start of Green	09:19:19	6	09:19:19	15	09:20:27	0	09:20:27	14	0	09:20:27	0	09:20:27
Start of Red	09:20:20	0	09:20:20	2	09:20:42	3	09:20:42	4	0	09:20:42	6	09:20:42
Start of Green	09:20:55	6	09:20:55	14	09:22:06	5	09:22:06	12	4	09:22:06	2	09:22:06
Start of Red	09:21:59	0	09:21:59	1	09:22:22	1	09:22:22	5	0	09:22:22	2	09:22:22
Start of Green	09:22:33	9	09:22:33	27	09:23:40	1	09:23:40	14	0	09:23:40	0	09:23:40
Start of Red	09:23:33	0	09:23:33	0	09:23:56	0	09:23:56	7	0	09:23:56	2	09:23:56
Start of Green	09:24:08	11	09:24:08	33	09:25:15	4	09:25:15	17	2	09:25:15	2	09:25:15
Start of Red	09:25:08	0	09:25:08	2	09:25:33	1	09:25:33	2	0	09:25:33	2	09:25:33
Start of Green	09:25:43	3	09:25:43	16	09:26:51	2	09:26:51	9	2	09:26:51	0	09:26:51
Start of Red	09:26:44	0	09:26:44	5	09:27:07	0	09:27:07	2	0	09:27:07	3	09:27:07
Start of Green	09:27:19	7	09:27:19	10	09:28:28	3	09:28:28	19	3	09:28:28	0	09:28:28
Start of Red	09:28:21	2	09:28:21	0	09:28:43	2	09:28:43	5	0	09:28:43	2	09:28:43
Start of Green	09:28:56	10	09:28:56	12	09:30:04	0	09:30:04	5	0	09:30:04	0	09:30:04
Start of Red	09:29:57	0	09:29:57	0	09:30:19	3	09:30:19	5	0	09:30:19	5	09:30:19
Start of Green	09:30:31	4	09:30:31	15	09:31:40	3	09:31:40	10	0	09:31:40	2	09:31:40
Start of Red	09:31:33	3	09:31:33	8	09:31:55	3	09:31:55	6	0	09:31:55	3	09:31:55
Start of Green	09:32:17	9	09:32:17	19	09:33:16	2	09:33:16	13	2	09:33:16	0	09:33:16
Start of Red	09:33:09	0	09:33:09	4	09:33:32	0	09:33:32	5	0	09:33:32	3	09:33:32
Start of Green	09:33:44	11	09:33:44	9	09:34:52	5	09:34:52	22	3	09:34:52	7	09:34:52
Start of Red	09:34:45	0	09:34:45	0	09:35:08	4	09:35:08	3	0	09:35:08	4	09:35:08
Start of Green	09:35:19	1	09:35:19	13	09:36:27	4	09:36:27	12	4	09:36:27	1	09:36:27
Start of Red	09:36:20	0	09:36:20	2	09:36:44	1	09:36:44	0	0	09:36:44	1	09:36:44
Start of Green	09:36:56	14	09:36:56	8	09:38:03	5	09:38:03	13	1	09:38:03	4	09:38:03
Start of Red	09:37:56	0	09:37:56	2	09:38:19	0	09:38:19	6	0	09:38:19	0	09:38:19
Start of Green	09:38:32	13	09:38:32	19	09:39:39	3	09:39:39	17	0	09:39:39	4	09:39:39
Start of Red	09:39:32	0	09:39:32	2	09:39:54	1	09:39:54	4	0	09:39:54	0	09:39:54
Start of Green	09:40:07	8	09:40:07	4	09:41:13	3	09:41:13	17	0	09:41:13	4	09:41:13
Start of Red	09:41:06	0	09:41:06	1	09:41:28	2	09:41:28	4	0	09:41:28	2	09:41:28
Start of Green	09:41:40	7	09:41:40	21	09:42:49	4	09:42:49	14	0	09:42:49	8	09:42:49
Start of Red	09:42:42	0	09:42:42	0	09:43:05	7	09:43:05	5	0	09:43:05	3	09:43:05
Start of Green	09:43:18	3	09:43:18	25	09:44:33	6	09:44:33	3	0	09:44:33	6	09:44:33
Start of Red	09:44:26	0	09:44:26	4	09:44:48	0	09:44:48	4	0	09:44:48	5	09:44:48
Start of Green	09:45:00	11	09:45:00	12	09:46:08	5	09:46:08	6	4	09:46:08	0	09:46:08
Start of Red	09:46:01	1	09:46:01	1	09:46:24	0	09:46:24	0	0	09:46:24	3	09:46:24
Start of Green	09:46:38	5	09:46:38	8	09:47:45	3	09:47:45	13	3	09:47:45	1	09:47:45
Start of Red	09:47:38	1	09:47:38	0	09:48:00	5	09:48:00	6	0	09:48:00	4	09:48:00
Start of Green	09:48:12	12	09:48:12	17	09:49:20	0	09:49:20	8	0	09:49:20	1	09:49:20
Start of Red	09:49:13	0	09:49:13	3	09:49:34	1	09:49:34	2	0	09:49:34	2	09:49:34
Start of Green	09:49:48	9	09:49:48	10	09:50:55	2	09:50:55	17	2	09:50:55	0	09:50:55
Start of Red	09:50:48	0	09:50:48	3	09:51:12	1	09:51:12	3	0	09:51:12	13	09:51:12
Start of Green	09:51:24	14	09:51:24	10	09:52:31	12	09:52:31	17	12	09:52:31	0	09:52:31
Start of Red	09:52:24	2	09:52:24	1	09:52:47	0	09:52:47	2	0	09:52:47	0	09:52:47
Start of Green	09:53:00	10	09:53:00	15	09:54:08	4	09:54:08	6	0	09:54:08	7	09:54:08
Start of Red	09:54:01	4	09:54:01	2	09:54:23	5	09:54:23	4	0	09:54:23	3	09:54:23
Start of Green	09:54:36	5	09:54:36	7	09:55:43	1	09:55:43	6	1	09:55:43	4	09:55:43
Start of Red	09:55:36	1	09:55:36	0	09:56:00	1	09:56:00	1	0	09:56:00	4	09:56:00
Start of Green	09:56:12	7	09:56:12	10	09:57:19	6	09:57:19	15	0	09:57:19	2	09:57:19
Start of Red	09:57:12	0	09:57:12	2	09:57:35	0	09:57:35	6	0	09:57:35	2	09:57:35
Start of Green	09:57:48	11	09:57:48	16	09:58:56	6	09:58:56	12	0	09:58:56	4	09:58:56
Start of Red	09:58:49	0	09:58:49	0	09:59:11	0	09:59:11	2	0	09:59:11	0	09:59:11
Start of Green	09:59:23	6	09:59:23	9								

intelligentdata

07:00 - 10:00

Signalised Crossings

	Number of people waiting on Island 2 at start of green (B3)	B5		B6		Number of people waiting on Island 2 at start of green (B5)	C1		C2	
Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count
3	0	07:00:43	2	07:00:43	3	0	06:59:56	2	06:59:56	1
1	0	07:01:27	2	07:01:27	0	0	07:00:35	0	07:00:35	1
3	0	07:02:20	5	07:02:20	2	0	07:01:33	0	07:01:33	1
1	0	07:03:01	4	07:03:01	0	0	07:02:13	0	07:02:13	4
2	0	07:03:56	3	07:03:56	3	1	07:03:07	0	07:03:07	0
0	0	07:04:37	0	07:04:37	0	0	07:03:48	0	07:03:48	4
8	0	07:05:32	3	07:05:32	8	0	07:04:43	0	07:04:43	1
5	0	07:06:14	3	07:06:14	1	0	07:05:24	0	07:05:24	0
1	0	07:07:05	5	07:07:05	3	0	07:06:21	0	07:06:21	3
1	0	07:07:49	0	07:07:49	0	0	07:06:57	1	07:06:57	2
9	0	07:08:40	2	07:08:40	8	1	07:07:56	1	07:07:56	0
1	0	07:09:27	3	07:09:27	1	0	07:08:34	0	07:08:34	0
4	0	07:10:16	1	07:10:16	4	1	07:09:31	0	07:09:31	0
2	0	07:11:01	5	07:11:01	0	1	07:10:09	0	07:10:09	2
7	0	07:11:55	0	07:11:55	10	0	07:11:07	1	07:11:07	2
5	0	07:12:39	0	07:12:39	5	0	07:11:47	3	07:11:47	1
4	2	07:13:30	1	07:13:30	6	5	07:12:46	1	07:12:46	1
0	0	07:14:14	1	07:14:14	0	0	07:13:22	0	07:13:22	1
2	7	07:15:06	8	07:15:06	2	1	07:14:20	0	07:14:20	1
3	2	07:15:50	3	07:15:50	0	0	07:14:59	0	07:14:59	0
9	0	07:16:42	5	07:16:42	11	2	07:15:56	0	07:15:56	3
0	0	07:17:26	1	07:17:26	0	0	07:16:35	2	07:16:35	5
3	0	07:18:18	1	07:18:18	3	0	07:17:32	0	07:17:32	1
0	0	07:19:02	1	07:19:02	1	0	07:18:11	2	07:18:11	1
1	0	07:19:54	4	07:19:54	1	0	07:19:08	1	07:19:08	0
0	0	07:20:38	2	07:20:38	0	0	07:19:40	0	07:19:40	1
3	0	07:21:30	5	07:21:30	3	0	07:20:46	0	07:20:46	2
1	0	07:22:14	3	07:22:14	4	0	07:21:22	3	07:21:22	2
3	0	07:23:06	4	07:23:06	2	0	07:22:20	5	07:22:20	8
3	0	07:23:50	2	07:23:50	5	0	07:22:59	3	07:22:59	0
5	0	07:24:43	6	07:24:43	6	2	07:23:56	3	07:23:56	1
1	0	07:25:26	4	07:25:26	0	0	07:24:35	1	07:24:35	1
16	2	07:26:18	3	07:26:18	14	2	07:25:32	1	07:25:32	5
6	0	07:27:02	3	07:27:02	6	0	07:26:11	1	07:26:11	0
9	0	07:27:54	0	07:27:54	7	0	07:27:08	3	07:27:08	5
1	3	07:28:38	7	07:28:38	1	0	07:27:46	0	07:27:46	1
8	0	07:29:30	4	07:29:30	11	3	07:28:45	1	07:28:45	2
0	2	07:30:14	2	07:30:14	3	0	07:29:22	3	07:29:22	1
5	0	07:31:06	5	07:31:06	4	5	07:30:21	6	07:30:21	5
1	0	07:31:50	8	07:31:50	1	0	07:30:58	0	07:30:58	0
6	2	07:32:45	5	07:32:45	5	0	07:31:56	1	07:31:56	7
3	0	07:33:26	7	07:33:26	1	0	07:32:37	1	07:32:37	3
14	2	07:34:20	2	07:34:20	10	4	07:33:32	0	07:33:32	6
0	0	07:35:04	1	07:35:04	1	0	07:34:12	0	07:34:12	1
2	0	07:35:56	3	07:35:56	2	0	07:35:08	1	07:35:08	1
5	0	07:36:40	2	07:36:40	2	0	07:35:48	0	07:35:48	0
0	0	07:37:33	2	07:37:33	5	1	07:36:46	3	07:36:46	0
5	0	07:38:17	5	07:38:17	2	0	07:37:26	0	07:37:26	2
5	0	07:39:12	5	07:39:12	9	4	07:38:23	1	07:38:23	1
10	0	07:39:53	5	07:39:53	0	0	07:39:04	0	07:39:04	1
8	7	07:40:45	7	07:40:45	16	6	07:39:58	1	07:39:58	3
2	0	07:41:29	4	07:41:29	3	0	07:40:37	0	07:40:37	2
15	0	07:42:21	3	07:42:21	17	1	07:41:35	3	07:41:35	8
1	0	07:43:05	3	07:43:05	2	0	07:42:13	0	07:42:13	1
12	0	07:43:59	3	07:43:59	15	1	07:43:11	2	07:43:11	3
6	0	07:44:43	5	07:44:43	3	0	07:43:51	2	07:43:51	1
18	0	07:45:35	5	07:45:35	21	3	07:44:49	0	07:44:49	8
6	0	07:46:16	7	07:46:16	4	0	07:45:27	2	07:45:27	0
7	1	07:47:11	4	07:47:11	9	3	07:46:25	5	07:46:25	5
2	0	07:47:55	3	07:47:55	1	0	07:47:03	3	07:47:03	3
10	0	07:48:47	5	07:48:47	10	2	07:48:01	0	07:48:01	4
0	0	07:49:31	6	07:49:31	0	0	07:48:39	1	07:48:39	3
7	0	07:50:24	0	07:50:24	4	2	07:49:37	0	07:49:37	3
2	0	07:51:08	2	07:51:08	3	0	07:50:16	0	07:50:16	2
10	0	07:51:59	2	07:51:59	11	0	07:51:14	5	07:51:14	3
5	0	07:52:42	10	07:52:42	7	0	07:51:52	1	07:51:52	1
10	4	07:53:38	9	07:53:38	8	2	07:52:47	2	07:52:47	5
4	0	07:54:23	4	07:54:23	4	0	07:53:32	0	07:53:32	4
9	2	07:55:13	3	07:55:13	13	1	07:54:29	4	07:54:29	9
4	0	07:55:59	2	07:55:59	4	0	07:55:06	0	07:55:06	3
12	0	07:56:50	4	07:56:50	12	1	07:56:05	2	07:56:05	5
4	0	07:57:34	5	07:57:34	3	0	07:56:42	1	07:56:42	2
9	0	07:58:25	8	07:58:25	9	0	07:57:40	3	07:57:40	7
5	0	07:59:10	4	07:59:10	1	0	07:58:18	1	07:58:18	2
17	3	08:00:01	3	08:00:01	21	1	07:59:16	3	07:59:16	9
5	0	08:00:45	7	08:00:45	1	0	07:59:54	3	07:59:54	9
20	3	08:01:38	4	08:01:38	22	2	08:00:52	2	08:00:52	8
1	0	08:02:23	8	08:02:23	1	0	08:01:31	0	08:01:31	6
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4	0	08:03:59	8	08:03:59	4	0	08:03:07	0	08:03:07	1
8	9	08:04:54	12	08:04:54	12	5	08:04:05	6	08:04:05	7
2	0	08:05:38	6	08:05:38	2	0	08:04:46	0	08:04:46	1
12	0	08:06:31	0	08:06:31	12	2	08:05:44	3	08:05:44	16
7	0	08:07:15	7	08:07:15	9	0	08:06:24	1	08:06:24	1
6	2	08:08:08	6	08:08:08	8	2	08:07:22	4	08:07:22	2
3	0	08:08:49	7	08:08:49	4	0	08:08:01	4	08:08:01	8
17	1	08:09:47	4	08:09:47	16	1	08:08:56	2	08:08:56	3
0	0	08:10:28	6	08:10:28	1	0	08:09:38	0	08:09:38	3
15	1	08:11:21	7	08:11:21	16	0	08:10:34	1	08:10:34	6
3	0	08:12:03	7	08:12:03	4	0	08:11:13	1	08:11:13	4
18	0	08:12:55	4	08:12:55	19	5	08:12:10	2	08:12:10	4
3	0	08:13:36	5	08:13:36	3	0	08:12:48	0	08:12:48	3
7	5	08:14:32	16	08:14:32	8	0	08:13:43	3	08:13:43	7
4	0	08:15:13	4	08:15:13	5	0	08:14:24	1	08:14:24	1
12	5	08:16:08	4	08:16:08	16	2	08:15:19	5	08:15:19	8
6	0	08:16:49	4	08:16:49	1	0	08:16:00	3	08:16:00	1
13	2	08:17:43	8	08:17:43	19	0	08:16:56	3	08:16:56	8
9	0	08:18:26	5	08:18:26	8	0	08:17:36	1	08:17:36	7
26	1	08:19:20	4	08:19:20	23	1	08:18:32	6	08:18:32	4
1	0	08:20:02	6	08:20:02	5	0	08:19:13	1	08:19:13	1
10	0	08:20:53	3	08:20:53	11	0	08:20:08	5	08:20:08	7
6	0	08:21:37	8	08:21:37	6	0	08:20:46	0	08:20:46	4
13	10	08:22:29	10	08:22:29	11	4	08:21:44	7	08:21:44	2
14	0	08:23:13	4	08:23:13	4	0	08:22:22	3	08:22:22	5
21	8	08:24:07	9	08:24:07	27	0	08:23:19	3	08:23:19	12
5	0	08:24:49	4	08:24:49	7	0	08:24:01	4	08:24:01	0
22	7	08:25:43	11	08:25:43	26	1	08:24:55	8	08:24:55	9
6	0	08:26:24	9	08:26:24	5	0	08:25:35	0	08:25:35	2

15	2	08:27:19	7	08:27:19	18	7	08:26:31	3	08:26:31	9
16	0	08:28:03	8	08:28:03	11	0	08:27:11	4	08:27:11	7
11	5	08:28:56	11	08:28:56	11	2	08:28:10	5	08:28:10	6
6	0	08:29:41	4	08:29:41	3	0	08:28:49	0	08:28:49	5
10	10	08:30:32	12	08:30:32	14	2	08:29:46	5	08:29:46	14
9	0	08:31:17	6	08:31:17	3	0	08:30:25	0	08:30:25	0
24	7	08:32:09	8	08:32:09	20	1	08:31:23	4	08:31:23	19
9	0	08:32:53	8	08:32:53	5	0	08:32:01	2	08:32:01	2
32	6	08:33:44	19	08:33:44	26	4	08:32:59	3	08:32:59	18
6	0	08:34:29	7	08:34:29	3	0	08:33:37	0	08:33:37	2
15	3	08:35:20	8	08:35:20	17	5	08:34:35	1	08:34:35	17
10	0	08:36:05	6	08:36:05	7	0	08:35:13	1	08:35:13	0
11	4	08:36:56	7	08:36:56	15	4	08:36:11	3	08:36:11	15
23	0	08:37:41	0	08:37:41	10	0	08:36:49	1	08:36:49	0
19	3	08:38:32	7	08:38:32	19	0	08:37:47	5	08:37:47	11
3	0	08:39:16	7	08:39:16	1	0	08:38:25	0	08:38:25	0
20	4	08:40:08	10	08:40:08	16	7	08:39:23	2	08:39:23	5
24	0	08:40:52	6	08:40:52	19	0	08:40:01	0	08:40:01	1
29	5	08:41:45	7	08:41:45	27	3	08:40:59	5	08:40:59	14
9	0	08:42:28	4	08:42:28	8	0	08:41:37	1	08:41:37	7
28	6	08:43:20	6	08:43:20	27	3	08:42:34	7	08:42:34	3
16	0	08:44:05	5	08:44:05	12	0	08:43:13	4	08:43:13	1
16	12	08:44:57	13	08:44:57	20	4	08:44:10	10	08:44:10	6
9	0	08:45:39	10	08:45:39	8	0	08:44:48	1	08:44:48	0
17	10	08:46:33	10	08:46:33	24	2	08:45:44	6	08:45:44	13
31	0	08:47:17	9	08:47:17	2	0	08:46:25	1	08:46:25	6
16	15	08:48:09	11	08:48:09	25	2	08:47:23	5	08:47:23	20
18	0	08:48:53	7	08:48:53	4	0	08:48:01	3	08:48:01	7
31	14	08:49:47	9	08:49:47	27	10	08:48:59	3	08:48:59	3
13	0	08:50:29	8	08:50:29	11	0	08:49:40	1	08:49:40	2
15	4	08:51:20	11	08:51:20	16	2	08:50:35	6	08:50:35	26
11	0	08:52:02	15	08:52:02	14	0	08:51:12	2	08:51:12	0
20	4	08:52:57	9	08:52:57	28	0	08:52:08	12	08:52:08	18
24	0	08:53:39	19	08:53:39	9	0	08:52:51	2	08:52:51	10
17	6	08:54:32	5	08:54:32	28	6	08:53:46	0	08:53:46	21
26	0	08:55:15	5	08:55:15	18	0	08:54:24	0	08:54:24	2
29	15	08:56:08	15	08:56:08	27	1	08:55:22	9	08:55:22	16
5	0	08:56:52	8	08:56:52	7	0	08:56:00	2	08:56:00	2
22	6	08:57:43	11	08:57:43	25	4	08:56:58	4	08:56:58	11
10	0	08:58:27	1	08:58:27	18	0	08:57:36	0	08:57:36	1
20	10	08:59:20	16	08:59:20	28	2	08:58:27	8	08:58:27	10
8	0	09:00:04	3	09:00:04	7	0	08:59:11	0	08:59:11	0
25	8	09:00:56	21	09:00:56	30	5	09:00:09	6	09:00:09	16
5	0	09:01:39	6	09:01:39	3	0	09:00:48	4	09:00:48	0
21	9	09:02:31	7	09:02:31	23	5	09:01:45	3	09:01:45	15
9	0	09:03:16	13	09:03:16	6	0	09:02:24	3	09:02:24	2
16	5	09:04:07	7	09:04:07	22	4	09:03:25	4	09:03:25	11
17	0	09:04:51	6	09:04:51	8	0	09:04:00	1	09:04:00	2
10	1	09:05:44	4	09:05:44	16	1	09:04:58	10	09:04:58	20
4	0	09:06:28	5	09:06:28	5	0	09:05:36	3	09:05:36	6
15	4	09:07:19	13	09:07:19	17	3	09:06:34	2	09:06:34	6
8	0	09:08:04	7	09:08:04	5	0	09:07:11	5	09:07:11	3
18	9	09:08:55	17	09:08:55	14	2	09:08:09	3	09:08:09	14
9	0	09:09:38	5	09:09:38	10	0	09:08:48	7	09:08:48	0
14	4	09:10:32	8	09:10:32	13	1	09:09:45	6	09:09:45	15
2	0	09:11:13	4	09:11:13	1	0	09:10:25	1	09:10:25	4
20	7	09:12:05	14	09:12:05	19	0	09:11:20	4	09:11:20	7
1	0	09:12:50	2	09:12:50	6	0	09:11:58	3	09:11:58	1
23	0	09:13:42	11	09:13:42	17	2	09:12:57	1	09:12:57	12
7	0	09:14:26	5	09:14:26	3	0	09:13:32	2	09:13:32	5
17	0	09:15:17	3	09:15:17	13	3	09:14:31	8	09:14:31	10
5	0	09:16:02	4	09:16:02	17	0	09:15:10	3	09:15:10	0
17	2	09:16:54	9	09:16:54	18	3	09:16:08	12	09:16:08	2
1	0	09:17:36	5	09:17:36	8	0	09:16:47	5	09:16:47	3
14	4	09:18:31	5	09:18:31	16	4	09:17:44	7	09:17:44	7
11	0	09:19:13	4	09:19:13	8	0	09:18:24	0	09:18:24	3
10	4	09:20:08	9	09:20:08	10	2	09:19:19	5	09:19:19	8
6	0	09:20:49	9	09:20:49	6	0	09:20:00	2	09:20:00	1
12	8	09:21:44	11	09:21:44	10	7	09:20:55	3	09:20:55	6
4	0	09:22:28	3	09:22:28	1	0	09:21:37	0	09:21:37	1
15	7	09:23:20	1	09:23:20	12	3	09:22:33	5	09:22:33	9
2	0	09:24:02	14	09:24:02	18	0	09:23:10	4	09:23:10	0
23	5	09:24:54	8	09:24:54	23	3	09:24:08	12	09:24:08	16
3	0	09:25:38	7	09:25:38	8	0	09:24:46	1	09:24:46	3
7	0	09:26:30	3	09:26:30	9	3	09:25:43	10	09:25:43	7
3	0	09:27:13	3	09:27:13	7	0	09:26:22	3	09:26:22	0
11	1	09:28:06	3	09:28:06	15	2	09:27:19	7	09:27:19	8
11	0	09:28:50	13	09:28:50	13	0	09:27:59	1	09:27:59	2
8	2	09:29:41	5	09:29:41	8	1	09:28:56	10	09:28:56	16
2	0	09:30:25	1	09:30:25	1	0	09:29:33	0	09:29:33	1
12	5	09:31:18	8	09:31:18	8	0	09:30:31	9	09:30:31	7
5	0	09:32:01	6	09:32:01	9	0	09:31:10	2	09:31:10	0
14	6	09:32:53	9	09:32:53	12	2	09:32:17	5	09:32:17	13
2	0	09:33:38	5	09:33:38	7	0	09:32:46	3	09:32:46	5
15	8	09:34:30	14	09:34:30	10	3	09:33:44	6	09:33:44	12
14	0	09:35:14	6	09:35:14	10	0	09:34:22	0	09:34:22	4
10	6	09:36:06	7	09:36:06	6	2	09:35:19	0	09:35:19	5
2	0	09:36:49	7	09:36:49	5	0	09:35:57	4	09:35:57	1
12	7	09:37:41	9	09:37:41	8	3	09:36:56	8	09:36:56	9
9	0	09:38:25	2	09:38:25	12	0	09:37:33	4	09:37:33	4
16	6	09:39:18	20	09:39:18	11	3	09:38:32	5	09:38:32	8
2	0	09:40:00	8	09:40:00	5	0	09:39:10	0	09:39:10	2
16	7	09:40:52	5	09:40:52	9	1	09:40:07	3	09:40:07	22
2	0	09:41:34	7	09:41:34	0	0	09:40:45	0	09:40:45	0
14	9	09:42:30	16	09:42:30	14	2	09:41:40	2	09:41:40	10
2	0	09:43:11	10	09:43:11	4	0	09:42:23	1	09:42:23	0
6	7	09:44:10	14	09:44:10	9	5	09:43:18	6	09:43:18	11
1	0	09:44:54	2	09:44:54	6	0	09:44:03	7	09:44:03	1
7	0	09:45:46	2	09:45:46	9	5	09:45:00	9	09:45:00	9
3	0	09:46:31	1	09:46:31	4	0	09:45:39	5	09:45:39	0
10	4	09:47:22	11	09:47:22	7	1	09:46:38	3	09:46:38	2
9	0	09:48:06	5	09:48:06	15	0	09:47:15	3	09:47:15	1
6	2	09:48:58	6	09:48:58	8	3	09:48:12	8	09:48:12	8
5	0	09:49:41	2	09:49:41	3	0	09:48:51	0	09:48:51	0
15	4	09:50:33	11	09:50:33	3	5	09:49:48	5	09:49:48	1
5	0	09:51:17	1	09:51:17	3	0	09:50:26	0	09:50:26	2
13	3	09:52:09	17	09:52:09	9	3	09:51:24	3	09:51:24	9
4	0	09:52:54	8	09:52:54	7	0	09:52:01	0	09:52:01	0
8	7	09:53:48	8	09:53:48	7	6	09:53:00	4	09:53:00	10
1	0	09:54:29	4	09:54:29	7	0	09:53:41	4	09:53:41	1
10	7	09:55:24	9	09:55:24	13	2	09:54:36	9	09:54:36	10
1	0	09:56:05	5	09:56:05	2	0	09:55:16	0	09:55:16	0
11	4	09:56:57	11	09:56:57	13	0	09:56:12	6	09:56:12	11
0	0	09:57:46	5	09:57:46	2	0	09:56:50	1	09:56:50	3
16	6	09:58:34	8	09:58:34	22	9	09:57:48	2	09:57:48	7
3	0	09:59:17	2	09:59:17	2	0	09:58:26	0	09:58:26	4
							09:59:23	2	09:59:23	5

Arm C									
Number of people waiting on Island 3 at start of green (C1)	C3		C4		Number of people waiting on Island 2 at start of green (C3)	D1		D2	
	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count
0	06:59:56	2	06:59:56	1	0	07:01:05	0	07:01:05	2
0	07:00:35	0	07:00:35	1	0	07:01:20	3	07:01:20	2
0	07:01:33	0	07:01:33	1	0	07:02:40	0	07:02:40	1
0	07:02:13	0	07:02:13	4	0	07:02:55	2	07:02:55	5
0	07:03:07	0	07:03:07	0	0	07:04:16	1	07:04:16	0
0	07:03:48	0	07:03:48	4	0	07:04:30	1	07:04:30	0
0	07:04:43	0	07:04:43	1	0	07:05:53	6	07:05:53	6
0	07:05:24	0	07:05:24	4	0	07:06:07	0	07:06:07	6
0	07:06:21	0	07:06:21	1	0	07:07:27	2	07:07:27	0
0	07:06:57	1	07:06:57	2	0	07:07:43	1	07:07:43	6
0	07:07:56	1	07:07:56	0	0	07:09:03	3	07:09:03	1
0	07:08:34	0	07:08:34	0	0	07:09:19	4	07:09:19	8
0	07:09:31	0	07:09:31	1	0	07:10:39	2	07:10:39	0
0	07:10:09	0	07:10:09	1	0	07:10:56	0	07:10:56	3
0	07:11:07	1	07:11:07	3	0	07:12:17	2	07:12:17	2
0	07:11:47	3	07:11:47	0	0	07:12:33	0	07:12:33	6
0	07:12:46	1	07:12:46	1	0	07:13:53	1	07:13:53	3
0	07:13:22	0	07:13:22	1	0	07:14:08	0	07:14:08	3
0	07:14:20	0	07:14:20	1	1	07:15:28	0	07:15:28	0
0	07:14:59	0	07:14:59	0	0	07:15:45	1	07:15:45	1
0	07:15:56	0	07:15:56	3	0	07:17:04	0	07:17:04	5
0	07:16:35	1	07:16:35	6	0	07:17:20	1	07:17:20	7
0	07:17:32	1	07:17:32	0	0	07:18:40	2	07:18:40	1
0	07:18:11	1	07:18:11	1	0	07:18:56	0	07:18:56	0
0	07:19:08	1	07:19:08	0	0	07:20:17	2	07:20:17	5
0	07:19:40	0	07:19:40	1	0	07:20:32	1	07:20:32	3
0	07:20:46	0	07:20:46	2	0	07:21:53	2	07:21:53	1
0	07:21:22	0	07:21:22	2	0	07:22:08	1	07:22:08	5
0	07:22:20	9	07:22:20	8	4	07:23:28	0	07:23:28	0
0	07:22:59	4	07:22:59	1	0	07:23:43	1	07:23:43	10
0	07:23:56	3	07:23:56	2	0	07:25:04	1	07:25:04	3
0	07:24:35	1	07:24:35	4	0	07:25:20	0	07:25:20	10
3	07:25:32	1	07:25:32	2	0	07:26:40	0	07:26:40	7
0	07:26:11	0	07:26:11	3	0	07:26:56	1	07:26:56	7
0	07:27:08	4	07:27:08	2	0	07:28:16	1	07:28:16	6
0	07:27:46	0	07:27:46	1	0	07:28:32	2	07:28:32	3
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0	07:31:56	1	07:31:56	9	5	07:33:04	0	07:33:04	5
0	07:32:37	0	07:32:37	1	0	07:33:20	2	07:33:20	3
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0	07:37:26	0	07:37:26	2	0	07:38:11	2	07:38:11	1
1	07:38:23	1	07:38:23	1	0	07:39:32	2	07:39:32	6
0	07:39:04	0	07:39:04	1	0	07:39:46	1	07:39:46	11
3	07:39:58	1	07:39:58	3	0	07:41:07	2	07:41:07	7
0	07:40:37	0	07:40:37	0	0	07:41:23	5	07:41:23	4
4	07:41:35	3	07:41:35	8	0	07:42:43	0	07:42:43	3
0	07:42:13	0	07:42:13	1	0	07:42:59	1	07:42:59	8
0	07:43:11	2	07:43:11	3	0	07:44:21	0	07:44:21	2
0	07:43:51	0	07:43:51	1	0	07:44:38	0	07:44:38	29
2	07:44:49	2	07:44:49	8	5	07:45:58	0	07:45:58	9
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0	07:49:37	0	07:49:37	4	0	07:50:46	3	07:50:46	5
0	07:50:16	0	07:50:16	1	0	07:51:02	1	07:51:02	1
0	07:51:14	5	07:51:14	3	0	07:52:21	2	07:52:21	11
0	07:51:52	1	07:51:52	3	0	07:52:37	6	07:52:37	11
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0	07:53:32	0	07:53:32	9	0	07:54:17	1	07:54:17	6
6	07:54:29	4	07:54:29	3	0	07:55:37	3	07:55:37	6
0	07:55:06	0	07:55:06	5	0	07:55:52	3	07:55:52	5
0	07:56:05	2	07:56:05	2	0	07:57:12	8	07:57:12	8
0	07:56:42	1	07:56:42	3	0	07:57:28	0	07:57:28	4
0	07:57:40	3	07:57:40	6	0	07:58:48	2	07:58:48	13
0	07:58:18	0	07:58:18	2	0	07:59:04	0	07:59:04	7
1	07:59:16	2	07:59:16	9	7	08:00:24	1	08:00:24	7
1	07:59:54	2	07:59:54	9	7	08:00:39	2	08:00:39	18
0	08:00:52	3	08:00:52	8	6	08:02:01	2	08:02:01	8
0	08:01:31	0	08:01:31	5	0	08:02:16	6	08:02:16	17
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1	08:04:05	6	08:04:05	5	2	08:05:16	2	08:05:16	5
0	08:04:46	0	08:04:46	7	0	08:05:32	2	08:05:32	12
0	08:05:44	2	08:05:44	11	4	08:06:54	3	08:06:54	4
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0	08:12:10	3	08:12:10	3	0	08:13:16	0	08:13:16	0
0	08:12:48	0	08:12:48	6	0	08:13:31	3	08:13:31	5
1	08:13:43	3	08:13:43	4	0	08:14:51	2	08:14:51	7
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7	08:15:19	5	08:15:19	10	7	08:16:28	5	08:16:28	5
0	08:16:00	2	08:16:00	5	0	08:16:44	3	08:16:44	8
0	08:16:56	3	08:16:56	4	0	08:18:04	0	08:18:04	12
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0	08:18:32	6	08:18:32	2	0	08:19:40	0	08:19:40	10
0	08:19:13	1	08:19:13	4	0	08:19:56	1	08:19:56	5
3	08:20:08	5	08:20:08	6	1	08:21:16	7	08:21:16	7
0	08:20:46	0	08:20:46	2	0	08:21:32	1	08:21:32	8
0	08:21:44	7	08:21:44	3	2	08:22:52	5	08:22:52	8
0	08:22:22	0	08:22:22	4	0	08:23:08	4	08:23:08	9
4	08:23:19	7	08:23:19	12	12	08:24:28	8	08:24:28	18
0	08:24:01	4	08:24:01	3	0	08:24:44	3	08:24:44	11
0	08:24:55	8	08:24:55	6	3	08:26:03	2	08:26:03	4
0	08:25:35	0	08:25:35	3	0	08:26:19	3	08:26:19	5

0	08:26:31	3	08:26:31	8	7	08:27:43	1	08:27:43	3
0	08:27:11	4	08:27:11	7	0	08:27:57	6	08:27:57	6
0	08:28:10	4	08:28:10	6	2	08:29:19	4	08:29:19	1
0	08:28:49	0	08:28:49	14	0	08:29:35	4	08:29:35	11
0	08:29:46	4	08:29:46	5	2	08:30:57	2	08:30:57	11
0	08:30:25	0	08:30:25	10	0	08:31:10	1	08:31:10	18
0	08:31:23	4	08:31:23	9	5	08:32:31	0	08:32:31	8
0	08:32:01	2	08:32:01	8	0	08:32:47	1	08:32:47	9
6	08:32:59	3	08:32:59	20	0	08:34:07	4	08:34:07	6
0	08:33:37	0	08:33:37	5	0	08:34:23	3	08:34:23	9
3	08:34:35	1	08:34:35	14	14	08:35:43	2	08:35:43	3
0	08:35:13	1	08:35:13	0	0	08:35:58	0	08:35:58	10
5	08:36:11	3	08:36:11	10	8	08:37:19	4	08:37:19	23
0	08:36:49	1	08:36:49	0	0	08:37:35	5	08:37:35	12
0	08:37:47	5	08:37:47	14	10	08:38:55	0	08:38:55	9
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0	08:50:35	6	08:50:35	26	19	08:51:40	3	08:51:40	29
0	08:51:12	2	08:51:12	0	0	08:51:58	0	08:51:58	4
0	08:52:08	12	08:52:08	19	13	08:53:18	2	08:53:18	25
0	08:52:51	1	08:52:51	8	0	08:53:33	0	08:53:33	12
1	08:53:46	2	08:53:46	23	9	08:54:54	4	08:54:54	23
0	08:54:24	0	08:54:24	1	0	08:55:09	3	08:55:09	12
1	08:55:22	11	08:55:22	16	16	08:56:30	4	08:56:30	14
0	08:56:00	0	08:56:00	2	0	08:56:46	4	08:56:46	29
2	08:56:58	5	08:56:58	12	7	08:58:06	0	08:58:06	7
0	08:57:36	1	08:57:36	2	0	08:58:22	0	08:58:22	9
0	08:58:27	6	08:58:27	10	10	08:59:42	3	08:59:42	12
0	08:59:11	6	08:59:11	0	0	08:59:57	1	08:59:57	7
1	09:00:09	6	09:00:09	12	10	09:01:18	8	09:01:18	21
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0	09:02:24	2	09:02:24	2	0	09:03:10	1	09:03:10	18
10	09:03:25	3	09:03:25	12	1	09:04:30	0	09:04:30	11
0	09:04:00	1	09:04:00	11	0	09:04:45	8	09:04:45	22
0	09:04:58	10	09:04:58	10	0	09:06:06	3	09:06:06	5
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0	09:16:47	2	09:16:47	7	0	09:17:30	1	09:17:30	9
5	09:17:44	9	09:17:44	7	3	09:18:51	4	09:18:51	12
0	09:18:24	0	09:18:24	3	0	09:19:06	0	09:19:06	10
0	09:19:19	5	09:19:19	8	8	09:20:27	7	09:20:27	5
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0	09:20:55	3	09:20:55	0	6	09:22:06	4	09:22:06	26
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0	09:22:33	5	09:22:33	9	9	09:23:40	4	09:23:40	19
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0	09:34:22	0	09:34:22	4	0	09:35:08	1	09:35:08	0
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2	09:41:40	2	09:41:40	8	0	09:42:49	10	09:42:49	2
0	09:42:23	1	09:42:23	0	0	09:43:05	4	09:43:05	7
0	09:43:18	6	09:43:18	11	8	09:44:33	8	09:44:33	22
0	09:44:03	1	09:44:03	1	0	09:44:48	6	09:44:48	11
6	09:45:00	15	09:45:00	9	8	09:46:08	5	09:46:08	2
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0	09:46:38	3	09:46:38	0	0	09:47:45	2	09:47:45	15
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3	09:48:12	12	09:48:12	8	6	09:49:20	0	09:49:20	16
0	09:48:51	0	09:48:51	1	0	09:49:34	0	09:49:34	10
1	09:49:48	5	09:49:48	5	5	09:50:55	2	09:50:55	1
0	09:50:26	0	09:50:26	3	0	09:51:12	0	09:51:12	1
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0	09:54:36	11	09:54:36	10	7	09:55:43	2	09:55:43	6
0	09:55:16	0	09:55:16	0	0	09:56:00	1	09:56:00	9
0	09:56:12	6	09:56:12	11	9	09:57:19	8	09:57:19	6
0	09:56:50	0	09:56:50	3	0	09:57:35	0	09:57:35	2
0	09:57:48	3	09:57:48	7	7	09:58:56	3	09:58:56	7
0	09:58:26	0	09:58:26	4	0	09:59:11	0	09:59:11	0
0	09:59:23	2	09:59:23	5	4				

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Upper Woburn Place / Euston Square

Arm D							Arm A		
Number of people waiting on Island 4 at start of green (D1)	D3		D4		Number of people waiting on Island 4 at start of green (D3)		A1		A2
	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count			Time (hh:mm:ss)	Count	Time (hh:mm:ss)
0	07:00:45	0	07:00:45	2	2	Start of Green	16:00:49	5	16:00:49
0	07:00:58	0	07:00:58	3	0	Start of Red	16:01:51	4	16:01:51
0	07:02:22	2	07:02:22	4	4	Start of Green	16:02:26	8	16:02:26
0	07:02:31	1	07:02:31	2	0	Start of Red	16:03:26	10	16:03:26
1	07:03:58	3	07:03:58	1	1	Start of Green	16:04:04	12	16:04:04
0	07:04:08	2	07:04:08	4	0	Start of Red	16:05:00	3	16:05:00
6	07:05:34	5	07:05:34	0	1	Start of Green	16:05:38	5	16:05:38
0	07:05:45	2	07:05:45	7	0	Start of Red	16:06:40	1	16:06:40
2	07:07:07	0	07:07:07	5	0	Start of Green	16:07:19	12	16:07:19
0	07:07:20	3	07:07:20	0	0	Start of Red	16:08:15	1	16:08:15
2	07:08:43	0	07:08:43	0	0	Start of Green	16:08:55	8	16:08:55
0	07:08:56	4	07:08:56	9	0	Start of Red	16:09:53	0	16:09:53
2	07:10:19	3	07:10:19	0	0	Start of Green	16:10:35	8	16:10:35
0	07:10:31	0	07:10:31	6	0	Start of Red	16:11:31	2	16:11:31
1	07:11:57	1	07:11:57	1	1	Start of Green	16:12:13	6	16:12:13
0	07:12:09	1	07:12:09	6	0	Start of Red	16:13:04	5	16:13:04
0	07:13:33	0	07:13:33	0	0	Start of Green	16:13:48	8	16:13:48
0	07:13:46	1	07:13:46	6	0	Start of Red	16:14:47	4	16:14:47
0	07:15:09	0	07:15:09	0	0	Start of Green	16:15:21	8	16:15:21
0	07:15:21	0	07:15:21	3	0	Start of Red	16:16:24	0	16:16:24
0	07:16:44	0	07:16:44	0	0	Start of Green	16:16:58	9	16:16:58
0	07:16:54	5	07:16:54	6	0	Start of Red	16:17:55	2	16:17:55
2	07:18:21	0	07:18:21	0	1	Start of Green	16:18:30	11	16:18:30
0	07:18:34	1	07:18:34	7	0	Start of Red	16:19:31	2	16:19:31
0	07:19:56	1	07:19:56	1	1	Start of Green	16:20:12	18	16:20:12
0	07:20:09	0	07:20:09	5	0	Start of Red	16:21:07	0	16:21:07
2	07:21:33	3	07:21:33	0	0	Start of Green	16:21:50	17	16:21:50
0	07:21:45	0	07:21:45	5	0	Start of Red	16:22:46	1	16:22:46
0	07:23:08	1	07:23:08	0	0	Start of Green	16:23:28	13	16:23:28
0	07:23:20	2	07:23:20	5	0	Start of Red	16:24:23	3	16:24:23
1	07:24:44	0	07:24:44	0	1	Start of Green	16:25:06	7	16:25:06
0	07:24:58	0	07:24:58	13	0	Start of Red	16:25:57	2	16:25:57
0	07:26:20	0	07:26:20	0	0	Start of Green	16:26:37	2	16:26:37
0	07:26:34	1	07:26:34	19	0	Start of Red	16:27:37	0	16:27:37
1	07:27:56	1	07:27:56	0	1	Start of Green	16:28:13	6	16:28:13
0	07:28:09	2	07:28:09	12	0	Start of Red	16:29:11	2	16:29:11
1	07:29:32	1	07:29:32	0	0	Start of Green	16:29:46	18	16:29:46
0	07:29:45	5	07:29:45	8	0	Start of Red	16:30:47	0	16:30:47
4	07:31:09	1	07:31:09	0	3	Start of Green	16:31:21	11	16:31:21
0	07:31:21	0	07:31:21	9	0	Start of Red	16:32:21	1	16:32:21
0	07:32:47	0	07:32:47	0	0	Start of Green	16:32:58	10	16:32:58
0	07:32:57	0	07:32:57	9	0	Start of Red	16:33:57	11	16:33:57
3	07:34:23	4	07:34:23	0	0	Start of Green	16:34:40	11	16:34:40
0	07:34:35	2	07:34:35	5	0	Start of Red	16:35:35	2	16:35:35
0	07:35:58	2	07:35:58	1	1	Start of Green	16:36:09	5	16:36:09
0	07:36:11	2	07:36:11	8	0	Start of Red	16:37:12	0	16:37:12
0	07:37:36	2	07:37:36	1	1	Start of Green	16:37:52	6	16:37:52
0	07:37:48	1	07:37:48	7	0	Start of Red	16:38:48	2	16:38:48
0	07:39:14	3	07:39:14	1	1	Start of Green	16:39:23	10	16:39:23
0	07:39:24	1	07:39:24	7	0	Start of Red	16:40:21	6	16:40:21
0	07:40:47	2	07:40:47	0	0	Start of Green	16:41:03	14	16:41:03
0	07:41:00	5	07:41:00	21	0	Start of Red	16:41:58	4	16:41:58
0	07:42:25	0	07:42:25	0	0	Start of Green	16:42:32	11	16:42:32
0	07:42:36	2	07:42:36	5	0	Start of Red	16:43:33	0	16:43:33
0	07:44:01	0	07:44:01	1	1	Start of Green	16:44:16	8	16:44:16
0	07:44:13	0	07:44:13	15	0	Start of Red	16:45:14	3	16:45:14
0	07:45:38	0	07:45:38	0	0	Start of Green	16:45:52	11	16:45:52
0	07:45:50	3	07:45:50	31	0	Start of Red	16:46:48	0	16:46:48
0	07:47:13	1	07:47:13	6	6	Start of Green	16:47:22	7	16:47:22
0	07:47:25	3	07:47:25	13	0	Start of Red	16:48:23	3	16:48:23
1	07:48:49	0	07:48:49	0	2	Start of Green	16:48:57	13	16:48:57
0	07:49:02	1	07:49:02	9	0	Start of Red	16:50:05	0	16:50:05
3	07:50:27	2	07:50:27	0	0	Start of Green	16:50:39	21	16:50:39
0	07:50:39	1	07:50:39	6	0	Start of Red	16:51:36	1	16:51:36
0	07:52:01	2	07:52:01	1	1	Start of Green	16:52:16	5	16:52:16
0	07:52:17	3	07:52:17	12	0	Start of Red	16:53:10	0	16:53:10
0	07:53:41	3	07:53:41	1	2	Start of Green	16:53:44	12	16:53:44
0	07:53:54	0	07:53:54	12	0	Start of Red	16:54:48	1	16:54:48
3	07:55:16	4	07:55:16	2	2	Start of Green	16:55:29	7	16:55:29
0	07:55:30	11	07:55:30	12	0	Start of Red	16:56:23	3	16:56:23
8	07:56:52	2	07:56:52	0	0	Start of Green	16:57:06	13	16:57:06
0	07:57:05	0	07:57:05	15	0	Start of Red	16:57:56	6	16:57:56
2	07:58:28	2	07:58:28	0	0	Start of Green	16:58:39	7	16:58:39
0	07:58:41	0	07:58:41	12	0	Start of Red	16:59:37	8	16:59:37
1	08:00:03	1	08:00:03	7	7	Start of Green	17:00:18	2	17:00:18
0	08:00:16	0	08:00:16	15	0	Start of Red	17:01:13	6	17:01:13
2	08:01:41	4	08:01:41	0	0	Start of Green	17:01:47	6	17:01:47
0	08:01:54	0	08:01:54	28	0	Start of Red	17:02:51	2	17:02:51
0	08:03:17	6	08:03:17	0	0	Start of Green	17:03:25	13	17:03:25
0	08:03:30	2	08:03:30	22	0	Start of Red	17:04:27	2	17:04:27
0	08:04:58	2	08:04:58	1	2	Start of Green	17:05:01	12	17:05:01
0	08:05:09	0	08:05:09	18	0	Start of Red	17:06:06	2	17:06:06
0	08:06:35	6	08:06:35	1	1	Start of Green	17:06:40	15	17:06:40
0	08:06:46	3	08:06:46	17	0	Start of Red	17:07:38	0	17:07:38
0	08:08:13	0	08:08:13	0	3	Start of Green	17:08:15	14	17:08:15
0	08:08:21	2	08:08:21	15	0	Start of Red	17:09:17	1	17:09:17
6	08:09:49	6	08:09:49	0	0	Start of Green	17:09:53	19	17:09:53
0	08:09:59	2	08:09:59	23	0	Start of Red	17:10:53	2	17:10:53
2	08:11:23	2	08:11:23	0	1	Start of Green	17:11:33	16	17:11:33
0	08:11:35	3	08:11:35	12	0	Start of Red	17:12:29	1	17:12:29
0	08:12:57	5	08:12:57	0	0	Start of Green	17:13:03	12	17:13:03
0	08:13:08	0	08:13:08	7	0	Start of Red	17:13:55	2	17:13:55
0	08:14:34	3	08:14:34	1	1	Start of Green	17:14:39	28	17:14:39
0	08:14:44	3	08:14:44	13	0	Start of Red	17:15:43	1	17:15:43
0	08:16:11	8	08:16:11	1	1	Start of Green	17:16:17	23	17:16:17
0	08:16:20	2	08:16:20	14	0	Start of Red	17:17:22	2	17:17:22
0	08:17:44	2	08:17:44	3	3	Start of Green	17:17:56	26	17:17:56
0	08:17:56	0	08:17:56	23	0	Start of Red	17:18:52	0	17:18:52
0	08:19:22	5	08:19:22	1	1	Start of Green	17:19:26	24	17:19:26
0	08:19:35	2	08:19:35	17	0	Start of Red	17:20:27	2	17:20:27
6	08:20:55	5	08:20:55	5	6	Start of Green	17:21:03	15	17:21:03
0	08:21:09	3	08:21:09	9	0	Start of Red	17:22:04	1	17:22:04
2	08:22:31	0	08:22:31	0	0	Start of Green	17:22:44	22	17:22:44
0	08:22:44	9	08:22:44	19	0	Start of Red	17:23:39	2	17:23:39
7	08:24:09	2	08:24:09	0	6	Start of Green	17:24:20	17	17:24:20
0	08:24:20	3	08:24:20	25	0	Start of Red	17:25:11	1	17:25:11
2	08:25:45	4	08:25:45	0	0	Start of Green	17:25:47	38	17:25:47
0	08:25:56	2	08:25:56	15	0	Start of Red	17:26:49	0	17:26:49

0	08:27:21	2	08:27:21	0	1	Start of Green	17:27:32	23	17:27:32
0	08:27:36	3	08:27:36	4	0	Start of Red	17:28:43	1	17:28:43
2	08:28:58	7	08:28:58	4	5	Start of Green	17:29:26	29	17:29:26
0	08:29:12	3	08:29:12	8	0	Start of Red	17:30:35	0	17:30:35
2	08:30:34	2	08:30:34	2	2	Start of Green	17:31:18	18	17:31:18
0	08:30:50	0	08:30:50	8	0	Start of Red	17:32:27	1	17:32:27
0	08:32:11	1	08:32:11	6	6	Start of Green	17:33:09	19	17:33:09
0	08:32:24	0	08:32:24	25	0	Start of Red	17:34:18	1	17:34:18
3	08:33:46	4	08:33:46	3	3	Start of Green	17:35:01	25	17:35:01
0	08:34:00	2	08:34:00	16	0	Start of Red	17:36:09	1	17:36:09
1	08:35:22	4	08:35:22	0	0	Start of Green	17:36:51	35	17:36:51
0	08:35:36	2	08:35:36	11	0	Start of Red	17:38:02	0	17:38:02
4	08:36:58	3	08:36:58	0	1	Start of Green	17:38:44	29	17:38:44
0	08:37:12	0	08:37:12	35	0	Start of Red	17:39:58	3	17:39:58
0	08:38:34	5	08:38:34	1	1	Start of Green	17:40:40	29	17:40:40
0	08:38:48	0	08:38:48	20	0	Start of Red	17:41:50	7	17:41:50
1	08:40:10	2	08:40:10	1	1	Start of Green	17:42:32	13	17:42:32
0	08:40:24	0	08:40:24	38	0	Start of Red	17:43:42	5	17:43:42
0	08:41:47	2	08:41:47	0	3	Start of Green	17:44:24	29	17:44:24
0	08:42:00	0	08:42:00	14	0	Start of Red	17:45:34	0	17:45:34
3	08:43:22	1	08:43:22	7	11	Start of Green	17:46:17	27	17:46:17
0	08:43:36	12	08:43:36	38	0	Start of Red	17:47:26	4	17:47:26
11	08:44:59	8	08:44:59	0	2	Start of Green	17:48:09	36	17:48:09
0	08:45:10	3	08:45:10	27	0	Start of Red	17:49:18	5	17:49:18
3	08:46:35	3	08:46:35	0	2	Start of Green	17:50:01	26	17:50:01
0	08:46:48	3	08:46:48	20	0	Start of Red	17:51:09	2	17:51:09
4	08:48:11	6	08:48:11	2	3	Start of Green	17:51:53	19	17:51:53
0	08:48:24	1	08:48:24	29	0	Start of Red	17:53:01	9	17:53:01
2	08:49:49	4	08:49:49	0	0	Start of Green	17:53:44	29	17:53:44
0	08:50:00	0	08:50:00	37	0	Start of Red	17:54:59	2	17:54:59
3	08:51:22	0	08:51:22	0	0	Start of Green	17:55:38	20	17:55:38
0	08:51:33	0	08:51:33	28	0	Start of Red	17:56:48	0	17:56:48
2	08:52:59	2	08:52:59	1	1	Start of Green	17:57:31	29	17:57:31
0	08:53:11	0	08:53:11	26	0	Start of Red	17:58:40	5	17:58:40
4	08:54:34	4	08:54:34	1	1	Start of Green	17:59:23	20	17:59:23
0	08:54:47	0	08:54:47	31	0	Start of Red	18:00:38	7	18:00:38
3	08:56:10	6	08:56:10	0	0	Start of Green	18:01:19	16	18:01:19
0	08:56:23	2	08:56:23	27	0	Start of Red	18:02:27	1	18:02:27
0	08:57:45	2	08:57:45	1	3	Start of Green	18:03:09	24	18:03:09
0	08:57:59	1	08:57:59	27	0	Start of Red	18:04:20	2	18:04:20
3	08:59:22	2	08:59:22	2	3	Start of Green	18:05:00	20	18:05:00
0	08:59:35	1	08:59:35	24	0	Start of Red	18:06:09	5	18:06:09
8	09:00:58	7	09:00:58	0	0	Start of Green	18:06:46	18	18:06:46
0	09:01:11	0	09:01:11	33	0	Start of Red	18:08:07	3	18:08:07
2	09:02:33	6	09:02:33	1	1	Start of Green	18:08:44	17	18:08:44
0	09:02:47	0	09:02:47	21	0	Start of Red	18:09:57	5	18:09:57
0	09:04:09	1	09:04:09	0	0	Start of Green	18:10:33	31	18:10:33
0	09:04:23	9	09:04:23	47	0	Start of Red	18:11:47	0	18:11:47
3	09:05:46	2	09:05:46	2	6	Start of Green	18:12:27	29	18:12:27
0	09:05:59	1	09:05:59	4	0	Start of Red	18:13:37	1	18:13:37
7	09:07:21	9	09:07:21	7	8	Start of Green	18:14:18	21	18:14:18
0	09:07:35	1	09:07:35	23	0	Start of Red	18:15:32	2	18:15:32
6	09:08:57	7	09:08:57	3	3	Start of Green	18:16:15	19	18:16:15
0	09:09:10	1	09:09:10	19	0	Start of Red	18:17:30	0	18:17:30
3	09:10:34	2	09:10:34	1	2	Start of Green	18:18:06	21	18:18:06
0	09:10:45	0	09:10:45	16	0	Start of Red	18:19:18	2	18:19:18
3	09:12:07	4	09:12:07	6	5	Start of Green	18:19:52	13	18:19:52
0	09:12:23	1	09:12:23	19	0	Start of Red	18:21:13	2	18:21:13
7	09:13:44	5	09:13:44	1	2	Start of Green	18:21:47	18	18:21:47
0	09:13:57	3	09:13:57	16	0	Start of Red	18:23:09	1	18:23:09
0	09:15:19	0	09:15:19	1	2	Start of Green	18:23:45	15	18:23:45
0	09:15:33	1	09:15:33	30	0	Start of Red	18:24:54	3	18:24:54
2	09:16:56	1	09:16:56	0	0	Start of Green	18:25:32	21	18:25:32
0	09:17:07	2	09:17:07	26	0	Start of Red	18:26:50	1	18:26:50
4	09:18:33	6	09:18:33	6	6	Start of Green	18:27:26	14	18:27:26
0	09:18:44	1	09:18:44	23	0	Start of Red	18:28:46	0	18:28:46
6	09:20:10	5	09:20:10	1	2	Start of Green	18:29:26	17	18:29:26
0	09:20:20	2	09:20:20	17	0	Start of Red	18:30:36	1	18:30:36
4	09:21:46	4	09:21:46	0	0	Start of Green	18:31:18	12	18:31:18
0	09:21:59	2	09:21:59	24	0	Start of Red	18:32:33	3	18:32:33
0	09:23:22	5	09:23:22	0	0	Start of Green	18:33:15	33	18:33:15
0	09:23:33	1	09:23:33	34	0	Start of Red	18:34:30	1	18:34:30
0	09:24:56	6	09:24:56	0	0	Start of Green	18:35:14	19	18:35:14
0	09:25:08	1	09:25:08	18	0	Start of Red	18:36:17	0	18:36:17
0	09:26:32	4	09:26:32	11	1	Start of Green	18:37:01	26	18:37:01
0	09:26:44	0	09:26:44	6	6	Start of Red	18:38:16	2	18:38:16
0	09:28:08	6	09:28:08	0	0	Start of Green	18:38:56	31	18:38:56
0	09:28:21	4	09:28:21	20	0	Start of Red	18:40:07	0	18:40:07
0	09:29:43	8	09:29:43	0	1	Start of Green	18:40:51	28	18:40:51
0	09:29:57	1	09:29:57	17	0	Start of Red	18:41:59	11	18:41:59
0	09:31:20	6	09:31:20	30	31	Start of Green	18:42:43	16	18:42:43
0	09:31:33	1	09:31:33	11	0	Start of Red	18:43:49	0	18:43:49
0	09:32:55	2	09:32:55	10	10	Start of Green	18:44:32	18	18:44:32
0	09:33:09	0	09:33:09	16	0	Start of Red	18:45:43	11	18:45:43
4	09:34:32	4	09:34:32	0	1	Start of Green	18:46:26	17	18:46:26
0	09:34:45	5	09:34:45	14	0	Start of Red	18:47:33	2	18:47:33
0	09:36:08	0	09:36:08	0	1	Start of Green	18:48:16	18	18:48:16
0	09:36:20	0	09:36:20	11	0	Start of Red	18:49:27	0	18:49:27
4	09:37:43	7	09:37:43	6	6	Start of Green	18:50:05	34	18:50:05
0	09:37:56	0	09:37:56	13	0	Start of Red	18:51:22	0	18:51:22
0	09:39:20	3	09:39:20	0	0	Start of Green	18:51:56	13	18:51:56
0	09:39:32	1	09:39:32	13	0	Start of Red	18:53:14	2	18:53:14
1	09:40:54	5	09:40:54	4	5	Start of Green	18:53:51	14	18:53:51
0	09:41:06	2	09:41:06	14	0	Start of Red	18:55:06	3	18:55:06
0	09:42:32	11	09:42:32	3	3	Start of Green	18:55:43	22	18:55:43
0	09:42:42	1	09:42:42	11	0	Start of Red	18:57:00	1	18:57:00
4	09:44:12	9	09:44:12	2	2	Start of Green	18:57:39	17	18:57:39
0	09:44:26	4	09:44:26	27	0	Start of Red	18:58:49	7	18:58:49
5	09:45:48	12	09:45:48	7	8	Start of Green	18:59:32	13	18:59:32
0	09:46:01	0	09:46:01	13	0				
1	09:47:24	1	09:47:24	0	0				
0	09:47:38	1	09:47:38	13	0				
0	09:49:00	0	09:49:00	3	3				
0	09:49:13	0	09:49:13	21	0				
0	09:50:35	0	09:50:35	1	1				
0	09:50:48	2	09:50:48	11	0				
0	09:52:11	0	09:52:11	0	0				
0	09:52:24	4	09:52:24	11	0				
0	09:53:50	0	09:53:50	7	7				
0	09:54:01	0	09:54:01	14	0				
2	09:55:26	4	09:55:26	2	2				
0	09:55:36	3	09:55:36	17	0				
6	09:56:59	5	09:56:59	0	2				
0	09:57:12	2	09:57:12	14	0				
3	09:58:36	3	09:58:36	0	0				
0	09:58:49	0	09:58:49	9	0				

	Arm B									
	B1		B2		Number of people waiting on Island 1 at start of green (B1)	B3		B4		Number of people waiting on Island 2 at start of green (B3)
Count	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	
5	16:00:21	7	16:00:21	2	0	16:00:21	4	16:00:21	2	3
2	16:00:38	1	16:00:38	0	0	16:00:38	4	16:00:38	0	0
4	16:01:58	3	16:01:58	6	3	16:01:58	0	16:01:58	3	2
1	16:02:14	0	16:02:14	0	0	16:02:14	7	16:02:14	4	0
8	16:03:33	12	16:03:33	5	2	16:03:33	9	16:03:33	4	0
3	16:03:52	4	16:03:52	1	0	16:03:52	2	16:03:52	3	0
12	16:05:07	4	16:05:07	3	1	16:05:07	3	16:05:07	3	2
0	16:05:26	3	16:05:26	0	0	16:05:26	8	16:05:26	0	0
22	16:06:47	15	16:06:47	14	5	16:06:47	13	16:06:47	10	10
2	16:07:07	7	16:07:07	3	0	16:07:07	9	16:07:07	6	0
4	16:08:22	9	16:08:22	8	5	16:08:22	4	16:08:22	9	3
0	16:08:44	0	16:08:44	0	0	16:08:44	11	16:08:44	0	0
9	16:10:00	21	16:10:00	2	7	16:10:00	10	16:10:00	2	6
2	16:10:24	1	16:10:24	1	0	16:10:24	7	16:10:24	1	0
9	16:11:38	11	16:11:38	6	6	16:11:38	5	16:11:38	5	2
2	16:12:01	0	16:12:01	3	0	16:12:01	17	16:12:01	4	0
14	16:13:11	19	16:13:11	6	17	16:13:11	2	16:13:11	6	0
8	16:13:36	1	16:13:36	0	0	16:13:36	13	16:13:36	0	0
7	16:14:54	13	16:14:54	5	9	16:14:54	1	16:14:54	2	1
1	16:15:09	0	16:15:09	2	0	16:15:09	11	16:15:09	5	0
15	16:16:31	13	16:16:31	1	10	16:16:31	4	16:16:31	1	2
0	16:16:46	2	16:16:46	0	0	16:16:46	2	16:16:46	0	0
17	16:18:02	8	16:18:02	5	1	16:18:02	15	16:18:02	1	11
4	16:18:18	7	16:18:18	0	0	16:18:18	12	16:18:18	4	0
12	16:19:38	18	16:19:38	4	12	16:19:38	6	16:19:38	4	3
0	16:20:01	2	16:20:01	1	0	16:20:01	8	16:20:01	1	0
18	16:21:14	19	16:21:14	9	7	16:21:14	12	16:21:14	9	7
2	16:21:38	1	16:21:38	0	0	16:21:38	11	16:21:38	0	0
11	16:22:53	15	16:22:53	8	7	16:22:53	6	16:22:53	10	0
3	16:23:16	0	16:23:16	1	0	16:23:16	10	16:23:16	1	0
16	16:24:30	14	16:24:30	7	10	16:24:30	10	16:24:30	5	1
5	16:24:54	7	16:24:54	3	0	16:24:54	9	16:24:54	5	0
9	16:26:04	12	16:26:04	2	8	16:26:04	4	16:26:04	2	0
1	16:26:25	1	16:26:25	1	0	16:26:25	1	16:26:25	1	0
10	16:27:44	1	16:27:44	1	0	16:27:44	3	16:27:44	0	7
1	16:28:02	5	16:28:02	1	0	16:28:02	15	16:28:02	2	0
10	16:29:18	12	16:29:18	6	12	16:29:18	3	16:29:18	3	3
2	16:29:34	4	16:29:34	0	0	16:29:34	11	16:29:34	4	0
16	16:30:54	13	16:30:54	12	7	16:30:54	4	16:30:54	12	2
0	16:31:09	0	16:31:09	2	0	16:31:09	10	16:31:09	3	0
16	16:32:28	13	16:32:28	5	1	16:32:28	5	16:32:28	4	1
4	16:32:46	0	16:32:46	0	0	16:32:46	2	16:32:46	1	0
12	16:34:04	11	16:34:04	4	2	16:34:04	13	16:34:04	4	9
0	16:34:29	5	16:34:29	0	0	16:34:29	16	16:34:29	0	0
11	16:35:42	18	16:35:42	2	15	16:35:42	7	16:35:42	0	5
2	16:35:57	5	16:35:57	1	0	16:35:57	12	16:35:57	2	0
4	16:37:19	11	16:37:19	6	3	16:37:19	0	16:37:19	7	0
0	16:37:41	2	16:37:41	2	0	16:37:41	6	16:37:41	1	0
10	16:38:55	8	16:38:55	15	4	16:38:55	7	16:38:55	8	6
5	16:39:12	5	16:39:12	1	0	16:39:12	9	16:39:12	6	0
21	16:40:28	13	16:40:28	1	8	16:40:28	5	16:40:28	6	7
3	16:40:53	4	16:40:53	5	0	16:40:53	8	16:40:53	8	0
6	16:42:05	1	16:42:05	1	1	16:42:05	1	16:42:05	2	2
2	16:42:21	7	16:42:21	1	0	16:42:21	13	16:42:21	3	0
10	16:43:40	13	16:43:40	5	5	16:43:40	7	16:43:40	5	3
3	16:44:04	1	16:44:04	0	0	16:44:04	2	16:44:04	1	0
4	16:45:21	2	16:45:21	2	2	16:45:21	0	16:45:21	2	2
1	16:45:41	2	16:45:41	0	0	16:45:41	19	16:45:41	0	0
16	16:46:55	16	16:46:55	4	14	16:46:55	3	16:46:55	3	0
3	16:47:10	10	16:47:10	0	0	16:47:10	14	16:47:10	1	0
14	16:48:30	6	16:48:30	7	5	16:48:30	4	16:48:30	5	2
0	16:48:45	4	16:48:45	0	0	16:48:45	9	16:48:45	2	0
10	16:50:12	11	16:50:12	10	7	16:50:12	6	16:50:12	7	2
2	16:50:27	4	16:50:27	1	0	16:50:27	6	16:50:27	6	0
9	16:51:43	14	16:51:43	8	9	16:51:43	6	16:51:43	8	1
0	16:52:05	0	16:52:05	3	0	16:52:05	9	16:52:05	2	0
11	16:53:17	10	16:53:17	2	7	16:53:17	1	16:53:17	2	0
3	16:53:34	5	16:53:34	2	0	16:53:34	13	16:53:34	3	0
15	16:54:55	15	16:54:55	8	8	16:54:55	3	16:54:55	5	2
0	16:55:17	4	16:55:17	0	0	16:55:17	7	16:55:17	1	0
8	16:56:30	5	16:56:30	3	2	16:56:30	2	16:56:30	6	0
3	16:56:55	5	16:56:55	1	0	16:56:55	6	16:56:55	0	0
10	16:58:03	2	16:58:03	3	2	16:58:03	2	16:58:03	4	2
5	16:58:28	1	16:58:28	7	0	16:58:28	5	16:58:28	3	0
11	16:59:44	6	16:59:44	0	0	16:59:44	5	16:59:44	0	3
3	17:00:06	6	17:00:06	2	0	17:00:06	5	17:00:06	2	0
14	17:01:20	6	17:01:20	1	0	17:01:20	6	17:01:20	0	6
5	17:01:35	0	17:01:35	2	0	17:01:35	12	17:01:35	3	0
14	17:02:58	12	17:02:58	4	12	17:02:58	2	17:02:58	4	0
1	17:03:14	10	17:03:14	2	0	17:03:14	17	17:03:14	2	0
18	17:04:34	17	17:04:34	5	10	17:04:34	8	17:04:34	5	3
2	17:04:49	4	17:04:49	0	0	17:04:49	14	17:04:49	1	0
8	17:06:13	18	17:06:13	7	11	17:06:13	7	17:06:13	6	7
2	17:06:28	5	17:06:28	0	0	17:06:28	15	17:06:28	0	0
13	17:07:45	14	17:07:45	10	10	17:07:45	3	17:07:45	6	1
3	17:08:04	4	17:08:04	5	0	17:08:04	9	17:08:04	7	0
14	17:09:24	14	17:09:24	1	1	17:09:24	11	17:09:24	4	12
3	17:09:45	4	17:09:45	1	0	17:09:45	16	17:09:45	1	0
24	17:11:00	18	17:11:00	11	12	17:11:00	13	17:11:00	14	4
1	17:11:22	10	17:11:22	1	0	17:11:22	5	17:11:22	1	0
26	17:12:36	7	17:12:36	2	0	17:12:36	13	17:12:36	1	5
2	17:12:51	12	17:12:51	6	0	17:12:51	16	17:12:51	5	0
7	17:14:02	15	17:14:02	6	6	17:14:02	7	17:14:02	8	0
1	17:14:27	6	17:14:27	1	0	17:14:27	7	17:14:27	0	0
21	17:15:50	6	17:15:50	9	4	17:15:50	3	17:15:50	8	4
0	17:16:05	3	17:16:05	0	0	17:16:05	11	17:16:05	4	0
21	17:17:29	17	17:17:29	17	8	17:17:29	10	17:17:29	9	10
1	17:17:45	6	17:17:45	2	0	17:17:45	18	17:17:45	10	0
22	17:18:59	3	17:18:59	5	0	17:18:59	14	17:18:59	7	8
2	17:19:15	20	17:19:15	2	0	17:19:15	12	17:19:15	0	0
24	17:20:34	18	17:20:34	3	11	17:20:34	6	17:20:34	2	0
1	17:20:53	4	17:20:53	1	0	17:20:53	10	17:20:53	2	0
10	17:22:11	12	17:22:11	9	6	17:22:11	6	17:22:11	8	6
6	17:22:32	2	17:22:32	0	0	17:22:32	12	17:22:32	0	0
13	17:23:46	14	17:23:46	6	10	17:23:46	6	17:23:46	3	4
2	17:24:01	3	17:24:01	0	0	17:24:01	14	17:24:01	4	0
11	17:25:18	10	17:25:18	11	4	17:25:18	1	17:25:18	10	0
0	17:25:36	1	17:25:36	1	0	17:25:36	12	17:25:36	2	0

25	17:26:56	20	17:26:56	10	8	17:26:56	6	17:26:56	13	3
2	17:27:21	1	17:27:21	1	0	17:27:21	12	17:27:21	4	0
20	17:28:50	15	17:28:50	5	8	17:28:50	4	17:28:50	5	1
0	17:29:15	5	17:29:15	1	0	17:29:15	25	17:29:15	1	0
23	17:30:42	15	17:30:42	9	0	17:30:42	7	17:30:42	17	0
1	17:31:07	20	17:31:07	9	7	17:31:07	7	17:31:07	4	0
2	17:32:34	1	17:32:34	2	0	17:32:34	3	17:32:34	5	3
3	17:32:59	10	17:32:59	5	0	17:32:59	6	17:32:59	1	0
16	17:34:25	0	17:34:25	1	0	17:34:25	5	17:34:25	4	5
0	17:34:49	14	17:34:49	4	0	17:34:49	16	17:34:49	0	0
16	17:36:16	17	17:36:16	6	3	17:36:16	4	17:36:16	5	2
1	17:36:40	0	17:36:40	2	0	17:36:40	19	17:36:40	1	0
18	17:38:09	18	17:38:09	6	17	17:38:09	7	17:38:09	6	2
2	17:38:34	6	17:38:34	0	0	17:38:34	11	17:38:34	0	0
17	17:40:05	18	17:40:05	11	2	17:40:05	13	17:40:05	7	3
5	17:40:29	4	17:40:29	0	0	17:40:29	21	17:40:29	4	0
26	17:41:57	34	17:41:57	8	15	17:41:57	14	17:41:57	8	8
3	17:42:22	3	17:42:22	1	0	17:42:22	12	17:42:22	0	0
16	17:43:49	16	17:43:49	8	8	17:43:49	8	17:43:49	8	2
2	17:44:13	5	17:44:13	1	0	17:44:13	20	17:44:13	2	0
17	17:45:41	29	17:45:41	5	7	17:45:41	12	17:45:41	4	6
2	17:46:05	0	17:46:05	7	0	17:46:05	6	17:46:05	2	0
13	17:47:33	3	17:47:33	16	6	17:47:33	10	17:47:33	18	6
1	17:47:58	6	17:47:58	2	0	17:47:58	17	17:47:58	0	0
7	17:49:25	14	17:49:25	6	7	17:49:25	2	17:49:25	9	0
0	17:49:49	1	17:49:49	1	0	17:49:49	16	17:49:49	0	0
17	17:51:16	23	17:51:16	12	15	17:51:16	15	17:51:16	14	5
3	17:51:41	11	17:51:41	0	0	17:51:41	12	17:51:41	0	0
14	17:53:08	17	17:53:08	12	8	17:53:08	9	17:53:08	12	8
0	17:53:32	0	17:53:32	2	0	17:53:32	20	17:53:32	2	0
20	17:55:06	19	17:55:06	6	19	17:55:06	8	17:55:06	7	4
0	17:55:26	10	17:55:26	5	0	17:55:26	16	17:55:26	2	0
14	17:56:55	20	17:56:55	2	0	17:56:55	10	17:56:55	7	6
5	17:57:19	4	17:57:19	0	0	17:57:19	4	17:57:19	0	0
9	17:58:47	11	17:58:47	6	1	17:58:47	11	17:58:47	3	5
3	17:59:12	2	17:59:12	5	0	17:59:12	13	17:59:12	5	0
16	18:00:45	16	18:00:45	8	3	18:00:45	5	18:00:45	8	1
1	18:01:07	1	18:01:07	0	0	18:01:07	19	18:01:07	0	0
22	18:02:34	20	18:02:34	5	18	18:02:34	3	18:02:34	5	5
4	18:02:57	5	18:02:57	1	0	18:02:57	16	18:02:57	0	0
19	18:04:27	18	18:04:27	7	12	18:04:27	7	18:04:27	7	6
2	18:04:47	7	18:04:47	1	0	18:04:47	17	18:04:47	1	0
16	18:06:16	20	18:06:16	7	13	18:06:16	10	18:06:16	7	4
0	18:06:35	2	18:06:35	2	0	18:06:35	15	18:06:35	2	0
19	18:08:16	17	18:08:16	8	12	18:08:16	3	18:08:16	7	1
0	18:08:32	0	18:08:32	1	0	18:08:32	24	18:08:32	2	0
21	18:10:04	28	18:10:04	9	27	18:10:04	5	18:10:04	7	0
0	18:10:21	5	18:10:21	0	0	18:10:21	15	18:10:21	1	0
12	18:11:54	16	18:11:54	12	11	18:11:54	3	18:11:54	12	3
2	18:12:14	1	18:12:14	0	0	18:12:14	16	18:12:14	0	0
30	18:13:44	22	18:13:44	6	15	18:13:44	3	18:13:44	6	0
1	18:14:08	1	18:14:08	0	0	18:14:08	28	18:14:08	0	0
18	18:15:39	28	18:15:39	8	19	18:15:39	7	18:15:39	8	3
4	18:16:05	1	18:16:05	2	0	18:16:05	24	18:16:05	2	0
21	18:17:37	25	18:17:37	9	22	18:17:37	6	18:17:37	11	2
3	18:17:55	4	18:17:55	1	0	18:17:55	8	18:17:55	6	0
17	18:19:25	17	18:19:25	5	5	18:19:25	10	18:19:25	0	5
4	18:19:40	0	18:19:40	1	0	18:19:40	16	18:19:40	2	0
24	18:21:20	18	18:21:20	7	16	18:21:20	4	18:21:20	7	2
1	18:21:36	4	18:21:36	0	0	18:21:36	20	18:21:36	2	0
11	18:23:16	22	18:23:16	9	15	18:23:16	6	18:23:16	9	4
2	18:23:34	0	18:23:34	1	0	18:23:34	25	18:23:34	1	0
11	18:25:01	32	18:25:01	4	26	18:25:01	7	18:25:01	6	3
1	18:25:19	2	18:25:19	1	0	18:25:19	21	18:25:19	2	0
19	18:26:57	23	18:26:57	0	22	18:26:57	3	18:26:57	9	2
1	18:27:14	3	18:27:14	8	0	18:27:14	20	18:27:14	1	0
8	18:28:53	19	18:28:53	10	17	18:28:53	1	18:28:53	10	0
2	18:29:15	2	18:29:15	1	0	18:29:15	12	18:29:15	1	0
15	18:30:43	17	18:30:43	5	11	18:30:43	8	18:30:43	5	4
2	18:31:05	2	18:31:05	0	0	18:31:05	22	18:31:05	0	0
12	18:32:40	26	18:32:40	4	18	18:32:40	6	18:32:40	4	1
0	18:33:04	3	18:33:04	0	0	18:33:04	23	18:33:04	0	0
10	18:34:37	21	18:34:37	13	20	18:34:37	1	18:34:37	14	0
2	18:35:01	0	18:35:01	0	0	18:35:01	14	18:35:01	0	0
15	18:36:24	21	18:36:24	4	13	18:36:24	12	18:36:24	4	4
2	18:36:49	4	18:36:49	1	0	18:36:49	10	18:36:49	1	0
14	18:38:23	10	18:38:23	12	4	18:38:23	7	18:38:23	6	4
0	18:38:43	4	18:38:43	1	0	18:38:43	9	18:38:43	7	0
15	18:40:14	13	18:40:14	5	8	18:40:14	6	18:40:14	3	2
15	18:40:38	3	18:40:38	0	0	18:40:38	12	18:40:38	2	0
14	18:42:06	18	18:42:06	6	11	18:42:06	7	18:42:06	7	1
4	18:42:30	1	18:42:30	0	0	18:42:30	7	18:42:30	0	0
17	18:43:56	12	18:43:56	3	0	18:43:56	6	18:43:56	3	2
1	18:44:21	0	18:44:21	0	0	18:44:21	0	18:44:21	0	0
23	18:45:50	6	18:45:50	7	0	18:45:50	1	18:45:50	7	0
1	18:46:14	0	18:46:14	0	0	18:46:14	7	18:46:14	1	0
16	18:47:40	9	18:47:40	7	0	18:47:40	4	18:47:40	4	1
3	18:48:04	2	18:48:04	3	0	18:48:04	7	18:48:04	5	0
14	18:49:34	13	18:49:34	6	0	18:49:34	7	18:49:34	7	4
0	18:49:53	1	18:49:53	0	0	18:49:53	15	18:49:53	0	0
20	18:51:29	21	18:51:29	5	6	18:51:29	6	18:51:29	5	5
2	18:51:44	1	18:51:44	0	0	18:51:44	6	18:51:44	0	0
42	18:53:21	13	18:53:21	11	6	18:53:21	7	18:53:21	10	2
0	18:53:40	6	18:53:40	3	0	18:53:40	13	18:53:40	3	0
15	18:55:13	7	18:55:13	6	0	18:55:13	1	18:55:13	8	0
0	18:55:32	2	18:55:32	0	0	18:55:32	3	18:55:32	0	0
17	18:57:07	7	18:57:07	5	0	18:57:07	7	18:57:07	3	6
2	18:57:27	3	18:57:27	3	0	18:57:27	14	18:57:27	3	0
15	18:58:56	22	18:58:56	4	0	18:58:56	8	18:58:56	4	5
	18:59:21	0	18:59:21	1	0	18:59:21	7	18:59:21	1	0
	19:00:54	13	19:00:54	12	2	19:00:54	5	19:00:54	10	1

16:00 - 19:00									
Signalised Crossings									
									Arm C
B5		B6		Number of people waiting on Island 2 at start of green (B5)	C1		C2		Number of people waiting on Island 3 at start of green (C1)
Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	
15:59:57	6	15:59:57	6	5	16:00:49	6	16:00:49	2	0
16:00:44	5	16:00:44	2	0	16:01:28	1	16:01:28	1	0
16:01:36	11	16:01:36	5	7	16:02:26	15	16:02:26	11	0
16:02:20	12	16:02:20	14	0	16:03:05	2	16:03:05	4	0
16:03:13	9	16:03:13	1	9	16:04:04	4	16:04:04	1	0
16:03:57	5	16:03:57	7	0	16:04:40	5	16:04:40	3	0
16:04:48	4	16:04:48	5	3	16:05:38	3	16:05:38	7	1
16:05:32	10	16:05:32	3	0	16:06:19	0	16:06:19	0	0
16:06:26	19	16:06:26	8	8	16:07:19	7	16:07:19	5	0
16:07:12	6	16:07:12	12	0	16:07:55	2	16:07:55	1	0
16:08:02	7	16:08:02	10	3	16:08:55	9	16:08:55	3	2
16:08:49	11	16:08:49	6	0	16:09:32	1	16:09:32	2	0
16:09:39	17	16:09:39	2	8	16:10:35	14	16:10:35	11	0
16:10:29	10	16:10:29	6	0	16:11:11	6	16:11:11	0	0
16:11:18	7	16:11:18	9	7	16:12:13	10	16:12:13	3	1
16:12:07	7	16:12:07	4	0	16:12:44	10	16:12:44	1	0
16:12:51	8	16:12:51	14	13	16:13:48	6	16:13:48	8	0
16:13:41	13	16:13:41	7	0	16:14:28	0	16:14:28	1	0
16:14:34	5	16:14:34	3	6	16:15:21	9	16:15:21	0	0
16:15:16	3	16:15:16	8	0	16:16:01	6	16:16:01	2	0
16:16:09	11	16:16:09	12	5	16:16:59	3	16:16:59	1	0
16:16:52	8	16:16:52	4	0	16:17:32	5	16:17:32	0	0
16:17:40	10	16:17:40	5	8	16:18:31	5	16:18:31	7	2
16:18:25	14	16:18:25	8	0	16:19:10	2	16:19:10	1	0
16:19:18	8	16:19:18	4	12	16:20:12	7	16:20:12	1	0
16:20:06	8	16:20:06	6	0	16:20:46	1	16:20:46	1	0
16:20:55	11	16:20:55	6	7	16:21:50	11	16:21:50	9	1
16:21:44	10	16:21:44	13	0	16:22:26	8	16:22:26	0	0
16:22:34	8	16:22:34	8	1	16:23:28	3	16:23:28	1	0
16:23:22	1	16:23:22	4	0	16:24:02	4	16:24:02	3	0
16:24:10	19	16:24:10	5	2	16:25:06	5	16:25:06	3	0
16:25:00	6	16:25:00	5	0	16:25:35	2	16:25:35	1	0
16:25:43	7	16:25:43	7	7	16:26:37	6	16:26:37	1	0
16:26:32	4	16:26:32	3	0	16:27:15	3	16:27:15	0	0
16:27:23	8	16:27:23	0	3	16:28:13	4	16:28:13	5	5
16:28:07	5	16:28:07	3	0	16:28:47	6	16:28:47	4	0
16:28:55	12	16:28:55	5	3	16:29:47	2	16:29:47	13	0
16:29:41	6	16:29:41	13	0	16:30:24	1	16:30:24	3	0
16:30:31	10	16:30:31	5	6	16:31:21	6	16:31:21	2	1
16:31:15	15	16:31:15	8	0	16:32:00	4	16:32:00	4	0
16:32:07	13	16:32:07	4	8	16:32:58	10	16:32:58	15	0
16:32:52	11	16:32:52	8	0	16:33:37	0	16:33:37	3	0
16:33:43	13	16:33:43	7	5	16:34:40	9	16:34:40	11	1
16:34:34	16	16:34:34	4	0	16:35:11	0	16:35:11	0	0
16:35:19	13	16:35:19	0	15	16:36:09	6	16:36:09	6	0
16:36:04	10	16:36:04	5	0	16:36:52	4	16:36:52	2	1
16:36:59	3	16:36:59	7	10	16:37:52	8	16:37:52	4	1
16:37:47	9	16:37:47	9	0	16:38:29	2	16:38:29	1	0
16:38:35	15	16:38:35	3	8	16:39:23	7	16:39:23	7	1
16:39:17	9	16:39:17	17	0	16:40:00	7	16:40:00	3	0
16:40:09	7	16:40:09	7	12	16:41:03	4	16:41:03	2	2
16:40:57	2	16:40:57	8	0	16:41:36	4	16:41:36	4	0
16:41:44	8	16:41:44	4	2	16:42:32	6	16:42:32	1	0
16:42:27	7	16:42:27	5	0	16:43:12	7	16:43:12	3	0
16:43:20	7	16:43:20	7	10	16:44:16	6	16:44:16	1	0
16:44:11	2	16:44:11	12	0	16:44:52	2	16:44:52	4	0
16:44:59	14	16:44:59	1	0	16:45:52	5	16:45:52	4	3
16:45:47	3	16:45:47	4	0	16:46:28	0	16:46:28	0	0
16:46:35	15	16:46:35	3	7	16:47:22	7	16:47:22	3	0
16:47:16	7	16:47:16	6	0	16:48:03	3	16:48:03	0	0
16:48:10	9	16:48:10	4	6	16:48:57	8	16:48:57	4	0
16:48:52	3	16:48:52	9	0	16:49:41	0	16:49:41	2	0
16:49:49	13	16:49:49	6	3	16:50:39	0	16:50:39	3	0
16:50:33	7	16:50:33	11	0	16:51:14	3	16:51:14	3	0
16:51:21	12	16:51:21	11	5	16:52:15	8	16:52:15	5	3
16:52:10	6	16:52:10	6	0	16:52:47	3	16:52:47	1	0
16:52:54	10	16:52:54	6	7	16:53:44	5	16:53:44	8	1
16:53:39	11	16:53:39	6	0	16:54:28	7	16:54:28	3	0
16:54:36	6	16:54:36	7	4	16:55:29	9	16:55:29	5	0
16:55:24	6	16:55:24	10	0	16:56:04	6	16:56:04	4	0
16:56:10	7	16:56:10	13	4	16:57:06	9	16:57:06	2	1
16:57:01	9	16:57:01	7	0	16:57:35	5	16:57:35	4	0
16:57:44	4	16:57:44	2	3	16:58:39	5	16:58:39	6	0
16:58:35	7	16:58:35	5	0	16:59:16	4	16:59:16	1	0
16:59:24	15	16:59:24	4	1	17:00:18	8	17:00:18	3	2
17:00:12	1	17:00:12	2	0	17:00:50	6	17:00:50	0	0
17:00:59	8	17:00:59	13	14	17:01:47	18	17:01:47	3	0
17:01:41	3	17:01:41	13	0	17:02:30	1	17:02:30	0	0
17:02:38	8	17:02:38	4	2	17:03:25	5	17:03:25	7	0
17:03:19	14	17:03:19	4	0	17:04:06	4	17:04:06	1	0
17:04:14	18	17:04:14	7	14	17:05:01	10	17:05:01	9	5
17:04:55	11	17:04:55	6	0	17:05:42	3	17:05:42	2	0
17:05:50	16	17:05:50	8	8	17:06:40	4	17:06:40	7	0
17:06:35	15	17:06:35	3	0	17:07:14	3	17:07:14	3	0
17:07:23	10	17:07:23	9	12	17:08:15	9	17:08:15	9	3
17:08:10	10	17:08:10	7	0	17:08:55	14	17:08:55	3	0
17:09:03	16	17:09:03	16	5	17:09:53	6	17:09:53	4	0
17:09:47	3	17:09:47	10	0	17:10:28	6	17:10:28	7	0
17:10:36	30	17:10:36	10	6	17:11:33	23	17:11:33	3	0
17:11:28	5	17:11:28	16	0	17:12:06	4	17:12:06	1	0
17:12:14	12	17:12:14	2	5	17:13:03	17	17:13:03	1	0
17:12:57	10	17:12:57	10	0	17:13:43	4	17:13:43	1	0
17:13:51	15	17:13:51	17	14	17:14:39	12	17:14:39	15	5
17:14:33	11	17:14:33	8	0	17:15:21	2	17:15:21	2	0
17:15:28	11	17:15:28	6	4	17:16:17	12	17:16:17	4	0
17:16:11	3	17:16:11	7	0	17:16:58	6	17:16:58	1	0
17:17:06	17	17:17:06	12	9	17:17:56	15	17:17:56	6	0
17:17:50	15	17:17:50	19	0	17:18:30	4	17:18:30	5	0
17:18:38	18	17:18:38	8	13	17:19:26	10	17:19:26	5	0
17:19:21	3	17:19:21	11	0	17:20:06	4	17:20:06	7	0
17:20:15	26	17:20:15	6	7	17:21:03	15	17:21:03	6	0
17:20:57	12	17:20:57	12	0	17:21:43	0	17:21:43	2	0
17:21:51	12	17:21:51	6	8	17:22:44	10	17:22:44	11	6
17:22:38	8	17:22:38	6	0	17:23:15	7	17:23:15	3	0
17:23:23	17	17:23:23	6	10	17:24:20	13	17:24:20	13	0
17:24:15	5	17:24:15	7	0	17:24:47	5	17:24:47	1	0
17:24:55	14	17:24:55	16	7	17:25:48	24	17:25:48	10	0
17:25:42	8	17:25:42	9	0	17:26:28	5	17:26:28	2	0

17:26:36	9	17:26:36	16	15
17:27:27	13	17:27:27	11	0
17:28:28	25	17:28:28	11	9
17:29:20	13	17:29:20	5	0
17:30:19	10	17:30:19	11	18
17:31:13	10	17:31:13	16	0
17:32:13	9	17:32:13	10	4
17:33:04	5	17:33:04	10	0
17:34:03	18	17:34:03	15	9
17:34:56	9	17:34:56	6	0
17:35:56	12	17:35:56	7	9
17:36:46	11	17:36:46	11	0
17:37:49	18	17:37:49	8	11
17:38:39	4	17:38:39	5	0
17:39:44	22	17:39:44	7	10
17:40:35	11	17:40:35	7	0
17:41:37	23	17:41:37	4	12
17:42:26	8	17:42:26	10	0
17:43:29	20	17:43:29	11	6
17:44:19	13	17:44:19	11	0
17:45:21	18	17:45:21	3	11
17:46:11	13	17:46:11	19	0
17:47:13	10	17:47:13	20	12
17:48:03	7	17:48:03	9	0
17:49:05	13	17:49:05	9	5
17:49:55	13	17:49:55	7	0
17:50:54	16	17:50:54	9	12
17:51:47	16	17:51:47	8	0
17:52:46	22	17:52:46	12	7
17:53:38	8	17:53:38	27	0
17:54:43	17	17:54:43	16	16
17:55:32	11	17:55:32	10	0
17:56:32	19	17:56:32	10	11
17:57:25	11	17:57:25	13	0
17:58:26	12	17:58:26	4	8
17:59:16	12	17:59:16	11	0
18:00:25	9	18:00:25	15	10
18:01:12	22	18:01:12	12	0
18:02:12	8	18:02:12	9	12
18:03:03	10	18:03:03	14	0
18:04:04	19	18:04:04	15	8
18:04:54	14	18:04:54	11	0
18:05:54	11	18:05:54	14	12
18:06:41	10	18:06:41	18	0
18:07:54	14	18:07:54	13	6
18:08:38	10	18:08:38	16	0
18:09:41	26	18:09:41	9	13
18:10:27	11	18:10:27	13	0
18:11:31	14	18:11:31	12	9
18:12:21	11	18:12:21	9	0
18:13:22	15	18:13:22	4	8
18:14:13	17	18:14:13	10	0
18:15:20	12	18:15:20	4	17
18:16:10	18	18:16:10	13	0
18:17:17	14	18:17:17	8	14
18:18:01	11	18:18:01	18	0
18:19:03	11	18:19:03	10	8
18:19:46	13	18:19:46	12	0
18:20:58	14	18:20:58	11	5
18:21:41	13	18:21:41	15	0
18:22:53	15	18:22:53	11	12
18:23:39	10	18:23:39	7	0
18:24:39	26	18:24:39	5	14
18:25:26	14	18:25:26	12	0
18:26:35	6	18:26:35	10	11
18:27:21	14	18:27:21	9	0
18:28:32	9	18:28:32	13	11
18:29:22	8	18:29:22	9	0
18:30:21	18	18:30:21	10	8
18:31:11	9	18:31:11	5	0
18:32:17	21	18:32:17	3	9
18:33:09	6	18:33:09	16	0
18:34:14	18	18:34:14	18	6
18:35:08	10	18:35:08	10	0
18:36:05	17	18:36:05	4	12
18:36:55	4	18:36:55	14	0
18:38:00	11	18:38:00	7	1
18:38:50	9	18:38:50	12	0
18:39:52	14	18:39:52	8	7
18:40:44	6	18:40:44	14	0
18:41:44	18	18:41:44	4	3
18:42:37	6	18:42:37	7	0
18:43:37	13	18:43:37	5	4
18:44:27	14	18:44:27	13	0
18:45:27	6	18:45:27	8	11
18:46:21	7	18:46:21	11	0
18:47:20	7	18:47:20	6	2
18:48:11	2	18:48:11	0	0
18:49:11	10	18:49:11	15	10
18:49:59	9	18:49:59	10	0
18:51:06	22	18:51:06	10	6
18:51:50	4	18:51:50	9	0
18:52:58	12	18:52:58	12	5
18:53:45	5	18:53:45	14	0
18:54:53	12	18:54:53	8	5
18:55:38	11	18:55:38	5	0
18:56:48	3	18:56:48	4	7
18:57:34	16	18:57:34	7	0
18:58:36	12	18:58:36	7	12
18:59:27	5	18:59:27	10	0

17:27:32	9	17:27:32	6	0
17:28:20	7	17:28:20	4	0
17:29:26	12	17:29:26	21	0
17:30:11	4	17:30:11	3	0
17:31:18	15	17:31:18	7	2
17:32:05	7	17:32:05	5	0
17:33:09	12	17:33:09	5	4
17:33:55	6	17:33:55	0	0
17:35:01	10	17:35:01	7	3
17:35:48	3	17:35:48	0	0
17:36:51	12	17:36:51	4	2
17:37:41	4	17:37:41	4	0
17:38:44	13	17:38:44	6	0
17:39:36	0	17:39:36	0	0
17:40:40	11	17:40:40	14	0
17:41:29	3	17:41:29	3	0
17:42:32	12	17:42:32	6	2
17:43:22	5	17:43:22	0	0
17:44:24	11	17:44:24	9	4
17:45:16	1	17:45:16	0	0
17:46:17	27	17:46:17	7	0
17:47:05	2	17:47:05	2	0
17:48:09	13	17:48:09	9	0
17:48:57	6	17:48:57	1	0
17:50:01	10	17:50:01	4	2
17:50:46	8	17:50:46	2	0
17:51:53	12	17:51:53	9	0
17:52:38	7	17:52:38	0	0
17:53:44	35	17:53:44	12	7
17:54:35	10	17:54:35	2	0
17:55:38	18	17:55:38	10	0
17:56:24	2	17:56:24	3	0
17:57:31	19	17:57:31	8	2
17:58:18	7	17:58:18	2	0
17:59:23	12	17:59:23	4	0
18:00:17	6	18:00:17	5	0
18:01:19	15	18:01:19	7	0
18:02:03	7	18:02:03	0	0
18:03:09	18	18:03:09	7	0
18:03:56	5	18:03:56	2	0
18:05:00	18	18:05:00	9	0
18:05:46	21	18:05:46	2	0
18:06:46	16	18:06:46	6	0
18:07:43	12	18:07:43	1	0
18:08:44	14	18:08:44	9	0
18:09:33	2	18:09:33	2	0
18:10:33	15	18:10:33	9	0
18:11:23	3	18:11:23	0	0
18:12:27	14	18:12:27	7	4
18:13:14	10	18:13:14	4	0
18:14:19	23	18:14:19	3	0
18:15:12	7	18:15:12	2	0
18:16:15	11	18:16:15	7	6
18:17:09	4	18:17:09	1	0
18:18:07	12	18:18:07	6	0
18:18:55	6	18:18:55	2	0
18:19:52	8	18:19:52	5	0
18:20:50	6	18:20:50	0	0
18:21:47	20	18:21:47	10	2
18:22:44	3	18:22:44	1	0
18:23:45	20	18:23:45	5	1
18:24:31	3	18:24:31	2	0
18:25:32	14	18:25:32	12	0
18:26:26	6	18:26:26	1	0
18:27:26	17	18:27:26	3	0
18:28:23	3	18:28:23	0	0
18:29:26	20	18:29:26	8	0
18:30:13	2	18:30:13	2	0
18:31:18	9	18:31:18	1	0
18:32:10	0	18:32:10	1	0
18:33:15	25	18:33:15	7	3
18:34:07	3	18:34:07	2	0
18:35:14	14	18:35:14	3	0
18:35:57	0	18:35:57	5	0
18:37:01	15	18:37:01	1	0
18:37:52	1	18:37:52	0	0
18:38:56	15	18:38:56	5	0
18:39:45	4	18:39:45	0	0
18:40:51	15	18:40:51	6	2
18:41:36	2	18:41:36	2	0
18:42:43	6	18:42:43	9	0
18:43:29	3	18:43:29	1	0
18:44:32	15	18:44:32	11	0
18:45:19	6	18:45:19	5	0
18:46:26	12	18:46:26	5	0
18:47:11	4	18:47:11	1	0
18:48:16	8	18:48:16	3	0
18:49:04	3	18:49:04	0	0
18:50:05	11	18:50:05	6	1
18:50:59	6	18:50:59	0	0
18:51:56	10	18:51:56	11	0
18:52:51	3	18:52:51	0	0
18:53:51	11	18:53:51	3	1
18:54:45	2	18:54:45	1	0
18:55:43	5	18:55:43	8	0
18:56:39	4	18:56:39	0	0
18:57:39	7	18:57:39	6	0
18:58:29	0	18:58:29	0	0
18:59:32	17	18:59:32	7	0

										Arm D
C3		C4		Number of people waiting on Island 2 at start of green (C3)	D1		D2		Number of people waiting on Island 4 at start of green (D1)	D3
Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)
16:00:49	4	16:00:49	2	0	16:00:21	5	16:00:21	6	5	15:59:59
16:01:28	3	16:01:28	1	0	16:00:38	5	16:00:38	2	0	16:00:14
16:02:26	12	16:02:26	11	7	16:01:58	16	16:01:58	5	14	16:01:38
16:03:05	4	16:03:05	5	0	16:02:14	7	16:02:14	0	0	16:01:51
16:04:04	5	16:04:04	0	0	16:03:33	9	16:03:33	0	9	16:03:15
16:04:40	4	16:04:40	4	0	16:03:52	3	16:03:52	4	0	16:03:26
16:05:38	3	16:05:38	6	5	16:05:07	12	16:05:07	2	5	16:04:50
16:06:19	0	16:06:19	0	0	16:05:26	2	16:05:26	2	0	16:05:00
16:07:19	7	16:07:19	5	0	16:06:47	11	16:06:47	8	11	16:06:28
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16:15:21	6	16:15:21	0	0	16:14:54	9	16:14:54	8	9	16:14:36
16:16:01	8	16:16:01	2	0	16:15:09	13	16:15:09	11	0	16:14:47
16:16:59	4	16:16:59	1	0	16:16:31	2	16:16:31	0	0	16:16:11
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16:18:31	5	16:18:31	7	3	16:18:02	14	16:18:02	5	14	16:17:42
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16:22:26	5	16:22:26	0	0	16:21:38	8	16:21:38	3	0	16:21:07
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17:23:15	0	17:23:15	2	0	17:22:32	1	17:22:32	1	0	17:22:04
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17:26:28	5	17:26:28	2	0	17:25:36	8	17:25:36	4	0	17:25:11

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17:30:11	4	17:30:11	3	0
17:31:18	14	17:31:18	5	0
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17:33:09	14	17:33:09	2	2
17:33:55	7	17:33:55	4	0
17:35:01	10	17:35:01	4	0
17:35:48	3	17:35:48	2	0
17:36:51	12	17:36:51	3	1
17:37:41	3	17:37:41	4	1
17:38:44	12	17:38:44	6	3
17:39:36	1	17:39:36	6	0
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17:41:29	3	17:41:29	3	0
17:42:32	12	17:42:32	4	0
17:43:22	5	17:43:22	4	0
17:44:24	11	17:44:24	7	0
17:45:16	1	17:45:16	1	0
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17:47:05	2	17:47:05	2	0
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17:50:46	7	17:50:46	4	0
17:51:53	13	17:51:53	13	6
17:52:38	3	17:52:38	7	0
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17:54:35	12	17:54:35	3	0
17:55:38	19	17:55:38	9	6
17:56:24	3	17:56:24	5	0
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17:59:23	15	17:59:23	6	0
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18:03:09	23	18:03:09	7	7
18:03:56	5	18:03:56	2	0
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18:11:23	3	18:11:23	3	0
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18:15:12	2	18:15:12	2	0
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18:19:52	11	18:19:52	5	2
18:20:50	5	18:20:50	2	0
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18:22:44	4	18:22:44	2	0
18:23:45	20	18:23:45	4	4
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18:34:07	3	18:34:07	1	0
18:35:14	14	18:35:14	3	0
18:35:57	0	18:35:57	5	0
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18:38:56	15	18:38:56	5	0
18:39:45	4	18:39:45	2	0
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18:43:29	3	18:43:29	1	0
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18:46:26	11	18:46:26	4	0
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18:59:32	16	18:59:32	5	0

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17:36:40	8	17:36:40	0	0	17:36:09
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17:38:34	12	17:38:34	7	0	17:38:02
17:40:05	25	17:40:05	8	15	17:39:46
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17:45:41	25	17:45:41	7	20	17:45:23
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17:49:25	16	17:49:25	7	16	17:49:07
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18:02:57	16	18:02:57	4	0	18:02:27
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18:36:24	15	18:36:24	6	15	18:36:07
18:36:49	0	18:36:49	2	0	18:36:17
18:38:23	17	18:38:23	14	16	18:38:02
18:38:43	4	18:38:43	2	0	18:38:16
18:40:14	16	18:40:14	6	14	18:39:54
18:40:38	2	18:40:38	0	0	18:40:07
18:42:06	21	18:42:06	11	20	18:41:46
18:42:30	0	18:42:30	0	0	18:41:59
18:43:56	19	18:43:56	17	14	18:43:39
18:44:21	7	18:44:21	3	0	18:43:49
18:45:50	19	18:45:50	10	15	18:45:29
18:46:14	3	18:46:14	4	0	18:45:43
18:47:40	17	18:47:40	6	15	18:47:22
18:48:04	10	18:48:04	3	0	18:47:33
18:49:34	7	18:49:34	1	4	18:49:13
18:49:53	7	18:49:53	5	0	18:49:27
18:51:29	1	18:51:29	11	0	18:51:08
18:51:44	7	18:51:44	2	0	18:51:22
18:53:21	15	18:53:21	6	15	18:53:00
18:53:40	0	18:53:40	0	0	18:53:14
18:55:13	30	18:55:13	2	28	18:54:55
18:55:32	2	18:55:32	0	0	18:55:06
18:57:07	18	18:57:07	4	18	18:56:50
18:57:27	7	18:57:27	6	0	18:57:00
18:58:56	15	18:58:56	5	10	18:58:38
18:59:21	8	18:59:21	2	0	18:58:49

	D4		Number of people waiting on Island 4 at start of green (D3)
Count	Time (hh:mm:ss)	Count	
8	15:59:59	4	8
14	16:00:14	9	0
5	16:01:38	1	16
3	16:01:51	5	0
14	16:03:15	3	4
0	16:03:26	1	0
9	16:04:50	0	2
12	16:05:00	4	0
3	16:06:28	1	11
4	16:06:40	5	0
11	16:08:04	6	7
5	16:08:15	5	0
6	16:09:41	0	4
9	16:09:53	3	0
13	16:11:20	0	5
12	16:11:31	8	0
9	16:12:53	0	8
7	16:13:04	4	0
7	16:14:36	0	4
8	16:14:47	1	0
6	16:16:11	8	13
8	16:16:24	9	0
7	16:17:42	1	5
12	16:17:55	5	0
2	16:19:20	0	3
2	16:19:31	0	0
7	16:20:57	1	4
12	16:21:07	7	0
8	16:22:36	1	9
3	16:22:46	7	0
12	16:24:12	0	1
5	16:24:23	6	0
8	16:25:45	0	4
7	16:25:57	15	0
8	16:27:25	0	4
10	16:27:37	6	0
20	16:28:57	0	8
3	16:29:11	7	0
17	16:30:33	0	14
15	16:30:47	2	0
12	16:32:09	0	8
3	16:32:21	6	0
17	16:33:45	0	0
4	16:33:57	7	0
8	16:35:21	0	1
10	16:35:35	4	0
0	16:37:01	6	12
4	16:37:12	3	0
20	16:38:37	2	2
2	16:38:48	10	0
9	16:40:11	0	1
14	16:40:21	7	0
4	16:41:46	0	14
6	16:41:58	4	0
25	16:43:22	0	5
5	16:43:33	3	0
13	16:45:01	1	3
8	16:45:14	9	0
3	16:46:37	0	0
7	16:46:48	6	0
25	16:48:12	1	3
4	16:48:23	6	0
18	16:49:51	0	3
3	16:50:05	10	0
6	16:51:23	0	1
10	16:51:36	5	0
15	16:52:56	0	7
11	16:53:10	10	0
2	16:54:38	1	4
4	16:54:48	9	0
26	16:56:12	2	3
7	16:56:23	5	0
3	16:57:46	0	4
9	16:57:56	18	0
10	16:59:26	1	1
9	16:59:37	2	0
9	17:01:01	1	6
22	17:01:13	2	0
7	17:02:40	5	5
4	17:02:51	5	0
13	17:04:16	0	0
5	17:04:27	3	0
14	17:05:52	2	3
8	17:06:06	7	0
26	17:07:25	6	11
11	17:07:38	3	0
19	17:09:05	0	4
3	17:09:17	7	0
22	17:10:38	8	2
2	17:10:53	8	0
17	17:12:16	0	0
10	17:12:29	6	0
2	17:13:33	0	7
12	17:13:55	3	0
18	17:15:30	7	8
13	17:15:43	7	0
18	17:17:08	0	6
9	17:17:22	5	0
15	17:18:40	2	11
4	17:18:52	8	0
11	17:20:17	5	10
17	17:20:27	8	0
14	17:21:53	0	9
6	17:22:04	7	0
28	17:23:25	2	3
10	17:23:39	11	0
6	17:24:57	1	4
13	17:25:11	12	0

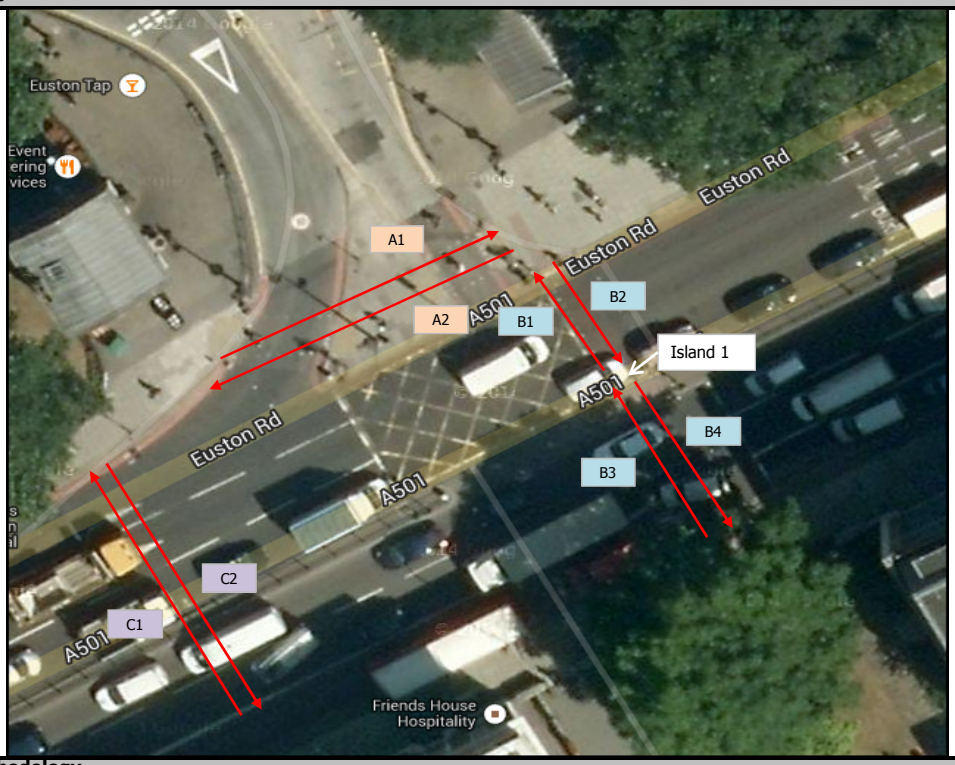
10	17:26:38	0	13
6	17:26:49	9	0
32	17:28:30	1	3
11	17:28:43	5	0
16	17:30:21	11	16
14	17:30:35	10	0
23	17:32:15	2	5
10	17:32:27	14	0
27	17:34:05	2	8
10	17:34:18	5	0
29	17:35:58	2	4
24	17:36:09	6	0
60	17:37:51	0	1
10	17:38:02	12	0
18	17:39:46	1	6
21	17:39:58	16	0
21	17:41:39	0	1
33	17:41:50	5	0
22	17:43:31	3	11
16	17:43:42	3	0
32	17:45:23	21	24
14	17:45:34	17	0
24	17:47:15	1	5
10	17:47:26	17	0
16	17:49:07	0	2
5	17:49:18	4	0
16	17:50:56	5	9
16	17:51:09	14	0
23	17:52:48	2	17
16	17:53:01	8	0
21	17:54:45	0	6
10	17:54:59	26	0
15	17:56:34	2	6
23	17:56:48	26	0
19	17:58:28	1	2
19	17:58:40	14	0
22	18:00:27	14	13
29	18:00:38	5	0
14	18:02:14	0	14
12	18:02:27	5	0
11	18:04:06	1	3
16	18:04:20	17	0
13	18:05:56	0	14
25	18:06:09	11	0
6	18:07:56	0	6
2	18:08:07	18	0
18	18:09:43	3	4
5	18:09:57	1	0
23	18:11:33	2	5
9	18:11:47	9	0
14	18:13:24	3	9
12	18:13:37	16	0
16	18:15:22	0	8
12	18:15:32	13	0
10	18:17:19	6	13
16	18:17:30	6	0
7	18:19:05	0	8
16	18:19:18	8	0
13	18:21:00	6	11
12	18:21:13	7	0
15	18:22:55	0	3
6	18:23:09	18	0
14	18:24:41	2	6
10	18:24:54	6	0
17	18:26:37	0	4
4	18:26:50	6	0
19	18:28:34	4	4
3	18:28:46	0	0
12	18:30:23	7	10
8	18:30:36	6	0
19	18:32:19	1	5
8	18:32:33	14	0
31	18:34:16	0	1
12	18:34:30	6	0
6	18:36:07	0	9
7	18:36:17	5	0
12	18:38:02	4	9
6	18:38:16	16	0
12	18:39:54	0	4
13	18:40:07	4	0
16	18:41:46	5	10
5	18:41:59	10	0
12	18:43:39	1	4
12	18:43:49	13	0
17	18:45:29	8	11
15	18:45:43	12	0
8	18:47:22	0	2
5	18:47:33	10	0
12	18:49:13	0	1
6	18:49:27	4	0
9	18:51:08	0	1
3	18:51:22	17	0
19	18:53:00	0	2
1	18:53:14	2	0
15	18:54:55	6	7
6	18:55:06	2	0
14	18:56:50	0	5
1	18:57:00	4	0
16	18:58:38	1	2
3	18:58:49	11	0

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Euston Square Gardens

X Coordinate	Y Coordinate	Google Maps Link
51.526842	-0.132252	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Euston Square Gardens

	07:00 - 10:00								
	Signalised Crossings								
	Arm B								
	B1		B2		Number of people waiting on Island 1 at start of green (B1)	B3		B4	
	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count
Start of Green	07:00:57	0	07:00:57	1	0	07:00:57	0	07:00:57	4
Start of Red	07:01:19	0	07:01:19	0		07:01:19	0	07:01:19	0
Start of Green	07:02:33	1	07:02:33	0	0	07:02:33	1	07:02:33	2
Start of Red	07:02:53	0	07:02:53	0		07:02:53	4	07:02:53	0
Start of Green	07:04:09	0	07:04:09	2	0	07:04:09	0	07:04:09	1
Start of Red	07:04:29	0	07:04:29	5		07:04:29	0	07:04:29	1
Start of Green	07:05:45	0	07:05:45	0	0	07:05:45	0	07:05:45	4
Start of Red	07:06:05	0	07:06:05	1		07:06:05	0	07:06:05	0
Start of Green	07:07:20	0	07:07:20	0	0	07:07:20	0	07:07:20	1
Start of Red	07:07:41	0	07:07:41	0		07:07:41	1	07:07:41	0
Start of Green	07:08:56	2	07:08:56	0	0	07:08:56	1	07:08:56	0
Start of Red	07:09:17	2	07:09:17	5		07:09:17	2	07:09:17	0
Start of Green	07:10:32	0	07:10:32	0	0	07:10:32	0	07:10:32	5
Start of Red	07:10:53	3	07:10:53	1		07:10:53	5	07:10:53	0
Start of Green	07:13:46	2	07:13:46	4	3	07:13:46	0	07:13:46	4
Start of Red	07:14:07	0	07:14:07	0		07:14:07	0	07:14:07	0
Start of Green	07:15:19	0	07:15:19	5	0	07:15:19	0	07:15:19	5
Start of Red	07:15:40	0	07:15:40	1		07:15:40	2	07:15:40	0
Start of Green	07:16:55	2	07:16:55	1	0	07:16:55	0	07:16:55	2
Start of Red	07:17:16	0	07:17:16	1		07:17:16	1	07:17:16	0
Start of Green	07:18:32	1	07:18:32	0	0	07:18:32	0	07:18:32	1
Start of Red	07:18:52	2	07:18:52	2		07:18:52	0	07:18:52	0
Start of Green	07:20:07	0	07:20:07	3	0	07:20:07	0	07:20:07	5
Start of Red	07:20:27	0	07:20:27	1		07:20:27	0	07:20:27	0
Start of Green	07:21:44	3	07:21:44	3	0	07:21:44	3	07:21:44	5
Start of Red	07:22:06	0	07:22:06	2		07:22:06	0	07:22:06	0
Start of Green	07:23:21	1	07:23:21	0	0	07:23:21	1	07:23:21	2
Start of Red	07:23:41	0	07:23:41	0		07:23:41	0	07:23:41	0
Start of Green	07:24:57	1	07:24:57	2	1	07:24:57	0	07:24:57	2
Start of Red	07:25:17	0	07:25:17	0		07:25:17	0	07:25:17	0
Start of Green	07:26:33	0	07:26:33	3	0	07:26:33	1	07:26:33	3
Start of Red	07:26:54	1	07:26:54	0		07:26:54	2	07:26:54	0
Start of Green	07:28:10	3	07:28:10	4	1	07:28:10	3	07:28:10	4
Start of Red	07:28:30	0	07:28:30	2		07:28:30	0	07:28:30	0
Start of Green	07:29:45	0	07:29:45	0	0	07:29:45	0	07:29:45	2
Start of Red	07:30:06	0	07:30:06	1		07:30:06	0	07:30:06	1
Start of Green	07:31:22	1	07:31:22	4	0	07:31:22	1	07:31:22	5
Start of Red	07:31:41	1	07:31:41	1		07:31:41	1	07:31:41	0
Start of Green	07:32:57	3	07:32:57	1	0	07:32:57	3	07:32:57	1
Start of Red	07:33:18	0	07:33:18	0		07:33:18	1	07:33:18	0
Start of Green	07:34:33	1	07:34:33	3	0	07:34:33	0	07:34:33	3
Start of Red	07:34:54	0	07:34:54	0		07:34:54	0	07:34:54	0
Start of Green	07:36:08	1	07:36:08	1	0	07:36:08	1	07:36:08	1
Start of Red	07:36:29	0	07:36:29	0		07:36:29	0	07:36:29	1
Start of Green	07:37:44	0	07:37:44	2	0	07:37:44	0	07:37:44	2
Start of Red	07:38:04	1	07:38:04	4		07:38:04	2	07:38:04	2
Start of Green	07:39:23	1	07:39:23	6	1	07:39:23	0	07:39:23	2
Start of Red	07:39:43	0	07:39:43	3		07:39:43	0	07:39:43	1
Start of Green	07:41:01	1	07:41:01	0	0	07:41:01	1	07:41:01	2
Start of Red	07:41:21	0	07:41:21	0		07:41:21	1	07:41:21	0
Start of Green	07:42:34	1	07:42:34	4	0	07:42:34	2	07:42:34	4
Start of Red	07:42:54	2	07:42:54	5		07:42:54	0	07:42:54	0
Start of Green	07:44:11	4	07:44:11	5	0	07:44:11	4	07:44:11	10
Start of Red	07:44:30	0	07:44:30	4		07:44:30	0	07:44:30	0
Start of Green	07:45:45	3	07:45:45	2	0	07:45:45	4	07:45:45	6
Start of Red	07:46:05	0	07:46:05	1		07:46:05	0	07:46:05	0
Start of Green	07:47:24	1	07:47:24	3	0	07:47:24	0	07:47:24	4
Start of Red	07:47:45	0	07:47:45	0		07:47:45	1	07:47:45	0
Start of Green	07:49:02	1	07:49:02	8	0	07:49:02	0	07:49:02	8
Start of Red	07:49:22	0	07:49:22	6		07:49:22	0	07:49:22	3
Start of Green	07:50:39	1	07:50:39	1	0	07:50:39	1	07:50:39	4
Start of Red	07:50:59	0	07:50:59	1		07:50:59	0	07:50:59	0
Start of Green	07:52:12	1	07:52:12	3	0	07:52:12	1	07:52:12	3
Start of Red	07:52:33	0	07:52:33	3		07:52:33	0	07:52:33	0
Start of Green	07:53:48	5	07:53:48	2	1	07:53:48	5	07:53:48	5
Start of Red	07:54:08	0	07:54:08	0		07:54:08	0	07:54:08	0
Start of Green	07:55:25	0	07:55:25	6	0	07:55:25	0	07:55:25	6
Start of Red	07:55:45	0	07:55:45	5		07:55:45	0	07:55:45	5
Start of Green	07:58:35	1	07:58:35	8	0	07:58:35	1	07:58:35	8
Start of Red	07:58:56	0	07:58:56	1		07:58:56	0	07:58:56	0
Start of Green	08:00:16	4	08:00:16	2	1	08:00:16	4	08:00:16	3
Start of Red	08:00:36	0	08:00:36	2		08:00:36	1	08:00:36	0
Start of Green	08:01:51	1	08:01:51	4	0	08:01:51	0	08:01:51	7
Start of Red	08:02:11	0	08:02:11	0		08:02:11	1	08:02:11	0
Start of Green	08:03:27	4	08:03:27	2	0	08:03:27	4	08:03:27	2
Start of Red	08:03:48	0	08:03:48	1		08:03:48	0	08:03:48	1
Start of Green	08:05:06	1	08:05:06	5	0	08:05:06	1	08:05:06	6
Start of Red	08:05:27	1	08:05:27	0		08:05:27	1	08:05:27	0
Start of Green	08:06:44	4	08:06:44	6	0	08:06:44	4	08:06:44	6
Start of Red	08:07:03	0	08:07:03	3		08:07:03	3	08:07:03	0
Start of Green	08:08:21	3	08:08:21	6	0	08:08:21	0	08:08:21	9
Start of Red	08:08:42	0	08:08:42	1		08:08:42	0	08:08:42	0
Start of Green	08:09:58	1	08:09:58	14	0	08:09:58	1	08:09:58	15
Start of Red	08:10:18	0	08:10:18	5		08:10:18	1	08:10:18	0
Start of Green	08:11:29	1	08:11:29	2	1	08:11:29	0	08:11:29	9
Start of Red	08:11:50	0	08:11:50	2		08:11:50	0	08:11:50	1
Start of Green	08:13:09	0	08:13:09	2	0	08:13:09	0	08:13:09	2
Start of Red	08:13:30	1	08:13:30	1		08:13:30	1	08:13:30	0
Start of Green	08:14:44	0	08:14:44	7	0	08:14:44	0	08:14:44	9
Start of Red	08:15:04	0	08:15:04	4		08:15:04	0	08:15:04	2
Start of Green	08:16:20	2	08:16:20	10	0	08:16:20	2	08:16:20	11
Start of Red	08:16:41	0	08:16:41	0		08:16:41	1	08:16:41	2
Start of Green	08:17:57	2	08:17:57	10	0	08:17:57	1	08:17:57	9
Start of Red	08:18:18	0	08:18:18	1		08:18:18	1	08:18:18	1
Start of Green	08:19:29	2	08:19:29	9	0	08:19:29	1	08:19:29	10
Start of Red	08:19:50	0	08:19:50	3		08:19:50	0	08:19:50	0
Start of Green	08:21:08	0	08:21:08	2	0	08:21:08	0	08:21:08	5
Start of Red	08:21:29	0	08:21:29	4		08:21:29	0	08:21:29	0
Start of Green	08:22:41	1	08:22:41	6	0	08:22:41	1	08:22:41	11
Start of Red	08:23:01	0	08:23:01	1		08:23:01	0	08:23:01	0
Start of Green	08:24:19	2	08:24:19	7	0	08:24:19	2	08:24:19	7
Start of Red	08:24:38	2	08:24:38	8		08:24:38	2	08:24:38	2
Start of Green	08:25:55	2	08:25:55	5	0	08:25:55	2	08:25:55	12
Start of Red	08:26:16	0	08:26:16	0		08:26:16	0	08:26:16	1
Start of Green	08:27:30	4	08:27:30	15	0	08:27:30	4	08:27:30	17
Start of Red	08:27:50	0	08:27:50	0		08:27:50	0	08:27:50	0
Start of Green	08:29:05	2	08:29:05	10	0	08:29:05	2	08:29:05	11
Start of Red	08:29:25	0	08:29:25	0		08:29:25	0	08:29:25	0

Start of Green	08:30:45	4	08:30:45	11	0	08:30:45	4	08:30:45	11
Start of Red	08:31:05	1	08:31:05	5		08:31:05	1	08:31:05	1
Start of Green	08:32:22	1	08:32:22	12	0	08:32:22	1	08:32:22	17
Start of Red	08:32:43	0	08:32:43	4		08:32:43	0	08:32:43	1
Start of Green	08:34:00	2	08:34:00	6	4	08:34:00	4	08:34:00	11
Start of Red	08:34:20	0	08:34:20	3		08:34:20	0	08:34:20	0
Start of Green	08:35:36	0	08:35:36	7	1	08:35:36	0	08:35:36	11
Start of Red	08:35:56	0	08:35:56	8		08:35:56	0	08:35:56	1
Start of Green	08:37:11	0	08:37:11	8	0	08:37:11	0	08:37:11	16
Start of Red	08:37:32	0	08:37:32	0		08:37:32	0	08:37:32	0
Start of Green	08:38:47	1	08:38:47	16	0	08:38:47	1	08:38:47	11
Start of Red	08:39:07	0	08:39:07	0		08:39:07	1	08:39:07	5
Start of Green	08:40:23	3	08:40:23	11	1	08:40:23	2	08:40:23	11
Start of Red	08:40:44	1	08:40:44	3		08:40:44	0	08:40:44	1
Start of Green	08:41:57	0	08:41:57	7	0	08:41:57	0	08:41:57	10
Start of Red	08:42:18	0	08:42:18	2		08:42:18	1	08:42:18	2
Start of Green	08:43:29	1	08:43:29	13	0	08:43:29	0	08:43:29	13
Start of Red	08:43:50	0	08:43:50	1		08:43:50	1	08:43:50	2
Start of Green	08:45:09	2	08:45:09	8	0	08:45:09	1	08:45:09	9
Start of Red	08:45:30	0	08:45:30	2		08:45:30	2	08:45:30	0
Start of Green	08:46:46	2	08:46:46	6	0	08:46:46	0	08:46:46	8
Start of Red	08:47:06	0	08:47:06	5		08:47:06	0	08:47:06	1
Start of Green	08:48:23	2	08:48:23	14	0	08:48:23	2	08:48:23	18
Start of Red	08:48:43	4	08:48:43	10		08:48:43	1	08:48:43	1
Start of Green	08:49:59	1	08:49:59	10	0	08:49:59	2	08:49:59	23
Start of Red	08:50:19	0	08:50:19	5		08:50:19	0	08:50:19	0
Start of Green	08:51:36	3	08:51:36	11	1	08:51:36	2	08:51:36	17
Start of Red	08:51:56	2	08:51:56	2		08:51:56	0	08:51:56	0
Start of Green	08:53:07	2	08:53:07	5	0	08:53:07	2	08:53:07	7
Start of Red	08:53:29	0	08:53:29	2		08:53:29	0	08:53:29	1
Start of Green	08:54:47	6	08:54:47	17	1	08:54:47	6	08:54:47	18
Start of Red	08:55:08	1	08:55:08	1		08:55:08	0	08:55:08	0
Start of Green	08:56:20	2	08:56:20	6	0	08:56:20	2	08:56:20	7
Start of Red	08:56:40	0	08:56:40	0		08:56:40	0	08:56:40	0
Start of Green	08:58:02	5	08:58:02	13	1	08:58:02	5	08:58:02	14
Start of Red	08:58:20	0	08:58:20	2		08:58:20	0	08:58:20	1
Start of Green	08:59:36	3	08:59:36	14	0	08:59:36	3	08:59:36	19
Start of Red	08:59:57	0	08:59:57	0		08:59:57	2	08:59:57	0
Start of Green	09:01:12	5	09:01:12	19	0	09:01:12	3	09:01:12	21
Start of Red	09:01:32	0	09:01:32	1		09:01:32	0	09:01:32	1
Start of Green	09:02:48	3	09:02:48	21	0	09:02:48	3	09:02:48	23
Start of Red	09:03:11	0	09:03:11	5		09:03:11	3	09:03:11	5
Start of Green	09:04:20	4	09:04:20	9	1	09:04:20	3	09:04:20	11
Start of Red	09:04:41	1	09:04:41	0		09:04:41	5	09:04:41	0
Start of Green	09:05:55	4	09:05:55	15	4	09:05:55	0	09:05:55	14
Start of Red	09:06:17	0	09:06:17	4		09:06:17	0	09:06:17	0
Start of Green	09:07:36	0	09:07:36	16	0	09:07:36	0	09:07:36	20
Start of Red	09:07:57	0	09:07:57	0		09:07:57	0	09:07:57	0
Start of Green	09:09:11	2	09:09:11	9	0	09:09:11	2	09:09:11	9
Start of Red	09:09:31	0	09:09:31	0		09:09:31	3	09:09:31	0
Start of Green	09:10:47	3	09:10:47	15	0	09:10:47	0	09:10:47	14
Start of Red	09:11:08	0	09:11:08	1		09:11:08	0	09:11:08	0
Start of Green	09:12:21	0	09:12:21	6	1	09:12:21	1	09:12:21	9
Start of Red	09:12:43	0	09:12:43	0		09:12:43	1	09:12:43	0
Start of Green	09:13:54	2	09:13:54	11	0	09:13:54	3	09:13:54	13
Start of Red	09:14:14	2	09:14:14	1		09:14:14	0	09:14:14	1
Start of Green	09:15:31	2	09:15:31	16	0	09:15:31	4	09:15:31	16
Start of Red	09:15:50	1	09:15:50	3		09:15:50	2	09:15:50	4
Start of Green	09:17:07	3	09:17:07	13	0	09:17:07	1	09:17:07	14
Start of Red	09:17:27	0	09:17:27	2		09:17:27	0	09:17:27	0
Start of Green	09:18:42	1	09:18:42	6	0	09:18:42	1	09:18:42	7
Start of Red	09:19:02	1	09:19:02	1		09:19:02	1	09:19:02	0
Start of Green	09:20:18	2	09:20:18	10	1	09:20:18	2	09:20:18	13
Start of Red	09:20:38	0	09:20:38	1		09:20:38	0	09:20:38	1
Start of Green	09:21:54	2	09:21:54	7	0	09:21:54	2	09:21:54	7
Start of Red	09:22:16	0	09:22:16	0		09:22:16	0	09:22:16	0
Start of Green	09:23:32	1	09:23:32	6	0	09:23:32	2	09:23:32	7
Start of Red	09:23:54	0	09:23:54	1		09:23:54	1	09:23:54	0
Start of Green	09:25:05	1	09:25:05	12	0	09:25:05	0	09:25:05	15
Start of Red	09:25:27	0	09:25:27	4		09:25:27	1	09:25:27	0
Start of Green	09:26:40	2	09:26:40	5	0	09:26:40	1	09:26:40	11
Start of Red	09:27:02	0	09:27:02	6		09:27:02	0	09:27:02	2
Start of Green	09:28:16	5	09:28:16	7	0	09:28:16	4	09:28:16	13
Start of Red	09:28:38	0	09:28:38	2		09:28:38	0	09:28:38	0
Start of Green	09:29:53	1	09:29:53	16	0	09:29:53	1	09:29:53	18
Start of Red	09:30:14	1	09:30:14	1		09:30:14	1	09:30:14	1
Start of Green	09:31:32	0	09:31:32	5	0	09:31:32	0	09:31:32	6
Start of Red	09:31:52	0	09:31:52	0		09:31:52	4	09:31:52	0
Start of Green	09:33:08	5	09:33:08	13	0	09:33:08	1	09:33:08	13
Start of Red	09:33:28	3	09:33:28	20		09:33:28	3	09:33:28	19
Start of Green	09:36:18	0	09:36:18	15	0	09:36:18	0	09:36:18	17
Start of Red	09:36:40	0	09:36:40	0		09:36:40	0	09:36:40	4
Start of Green	09:37:55	2	09:37:55	5	0	09:37:55	1	09:37:55	13
Start of Red	09:38:16	2	09:38:16	0		09:38:16	2	09:38:16	1
Start of Green	09:39:33	2	09:39:33	8	0	09:39:33	0	09:39:33	8
Start of Red	09:39:54	0	09:39:54	11		09:39:54	2	09:39:54	0
Start of Green	09:41:08	2	09:41:08	3	0	09:41:08	0	09:41:08	16
Start of Red	09:41:28	0	09:41:28	0		09:41:28	0	09:41:28	1
Start of Green	09:42:46	1	09:42:46	17	0	09:42:46	2	09:42:46	11
Start of Red	09:43:06	0	09:43:06	1		09:43:06	1	09:43:06	3
Start of Green	09:44:20	4	09:44:20	15	7	09:44:20	0	09:44:20	19
Start of Red	09:44:40	0	09:44:40	0		09:44:40	2	09:44:40	0
Start of Green	09:45:56	3	09:45:56	10	2	09:45:56	1	09:45:56	10
Start of Red	09:46:16	0	09:46:16	2		09:46:16	0	09:46:16	4
Start of Green	09:47:32	3	09:47:32	6	0	09:47:32	3	09:47:32	7
Start of Red	09:47:52	0	09:47:52	4		09:47:52	0	09:47:52	4
Start of Green	09:49:08	3	09:49:08	8	0	09:49:08	4	09:49:08	12
Start of Red	09:49:28	1	09:49:28	3		09:49:28	0	09:49:28	0
Start of Green	09:50:44	4	09:50:44	9	0	09:50:44	4	09:50:44	13
Start of Red	09:51:04	0	09:51:04	0		09:51:04	6	09:51:04	1
Start of Green	09:52:20	5	09:52:20	16	0	09:52:20	1	09:52:20	17
Start of Red	09:52:40	0	09:52:40	5		09:52:40	0	09:52:40	2
Start of Green	09:53:55	0	09:53:55	6	0	09:53:55	0	09:53:55	11
Start of Red	09:54:16	0	09:54:16	0		09:54:16	0	09:54:16	0
Start of Green	09:55:31	2	09:55:31	16	0	09:55:31	2	09:55:31	15
Start of Red	09:55:52	0	09:55:52	6		09:55:52	0	09:55:52	3
Start of Green	09:57:08	3	09:57:08	7	1	09:57:08	3	09:57:08	10
Start of Red	09:57:28	1	09:57:28	2		09:57:28	1	09:57:28	0
Start of Green	09:58:44	0	09:58:44	8	0	09:58:44	0	09:58:44	10
Start of Red	09:59:04	0	09:59:04	0		09:59:04	1	09:59:04	0

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Euston Square Gardens

	16:00 - 19:00 Signalised Crossings Arm B									
	B1		B2		Green Time	Number of people waiting on Island 1 at start of green (B1)	B3		B4	
	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count			Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count
Start of Red	15:59:06	0	15:59:06	0			15:59:06	4	15:59:06	0
Start of Green	16:00:17	8	16:00:17	3	00:00:22	1	16:00:17	5	16:00:17	3
Start of Red	16:00:39	0	16:00:39	0			16:00:39	0	16:00:39	0
Start of Green	16:01:54	4	16:01:54	2	00:00:20	0	16:01:54	5	16:01:54	2
Start of Red	16:02:14	0	16:02:14	0			16:02:14	1	16:02:14	0
Start of Green	16:03:29	6	16:03:29	0	00:00:20	0	16:03:29	7	16:03:29	0
Start of Red	16:03:49	2	16:03:49	1			16:03:49	1	16:03:49	1
Start of Green	16:05:06	5	16:05:06	2	00:00:19	2	16:05:06	3	16:05:06	2
Start of Red	16:05:25	0	16:05:25	0			16:05:25	1	16:05:25	0
Start of Green	16:06:40	6	16:06:40	3	00:00:21	0	16:06:40	4	16:06:40	3
Start of Red	16:07:01	0	16:07:01	0			16:07:01	2	16:07:01	0
Start of Green	16:08:20	5	16:08:20	2	00:00:20	2	16:08:20	3	16:08:20	4
Start of Red	16:08:40	0	16:08:40	0			16:08:40	0	16:08:40	0
Start of Green	16:09:54	0	16:09:54	2	00:00:20	0	16:09:54	6	16:09:54	2
Start of Red	16:10:14	0	16:10:14	1			16:10:14	2	16:10:14	0
Start of Green	16:11:33	8	16:11:33	2	00:00:21	1	16:11:33	6	16:11:33	1
Start of Red	16:11:54	0	16:11:54	0			16:11:54	0	16:11:54	0
Start of Green	16:13:12	8	16:13:12	3	00:00:18	0	16:13:12	8	16:13:12	3
Start of Red	16:13:30	0	16:13:30	0			16:13:30	0	16:13:30	0
Start of Green	16:14:46	10	16:14:46	2	00:00:24	0	16:14:46	12	16:14:46	2
Start of Red	16:15:10	0	16:15:10	0			16:15:10	0	16:15:10	0
Start of Green	16:16:22	6	16:16:22	3	00:00:21	0	16:16:22	6	16:16:22	3
Start of Red	16:16:43	1	16:16:43	2			16:16:43	1	16:16:43	0
Start of Green	16:17:59	7	16:17:59	1	00:00:20	1	16:17:59	6	16:17:59	2
Start of Red	16:18:19	0	16:18:19	0			16:18:19	1	16:18:19	0
Start of Green	16:19:34	8	16:19:34	2	00:00:20	2	16:19:34	7	16:19:34	2
Start of Red	16:19:54	0	16:19:54	0			16:19:54	0	16:19:54	0
Start of Green	16:21:10	4	16:21:10	1	00:00:20	0	16:21:10	5	16:21:10	1
Start of Red	16:21:30	3	16:21:30	1			16:21:30	2	16:21:30	1
Start of Green	16:22:47	8	16:22:47	3	00:00:18	0	16:22:47	9	16:22:47	2
Start of Red	16:23:05	1	16:23:05	0			16:23:05	1	16:23:05	0
Start of Green	16:24:26	5	16:24:26	4	00:00:21	2	16:24:26	3	16:24:26	1
Start of Red	16:24:47	1	16:24:47	1			16:24:47	4	16:24:47	0
Start of Green	16:26:02	5	16:26:02	1	00:00:22	0	16:26:02	4	16:26:02	4
Start of Red	16:26:24	0	16:26:24	0			16:26:24	0	16:26:24	0
Start of Green	16:27:38	8	16:27:38	2	00:00:32	0	16:27:38	9	16:27:38	2
Start of Red	16:28:10	0	16:28:10	0			16:28:10	0	16:28:10	0
Start of Green	16:29:15	2	16:29:15	1	00:00:20	2	16:29:15	0	16:29:15	3
Start of Red	16:29:35	0	16:29:35	2			16:29:35	2	16:29:35	0
Start of Green	16:30:50	10	16:30:50	1	00:00:31	1	16:30:50	11	16:30:50	4
Start of Red	16:31:21	0	16:31:21	0			16:31:21	2	16:31:21	0
Start of Green	16:32:26	13	16:32:26	3	00:00:21	0	16:32:26	11	16:32:26	3
Start of Red	16:32:47	1	16:32:47	0			16:32:47	1	16:32:47	0
Start of Green	16:34:03	3	16:34:03	2	00:00:20	0	16:34:03	4	16:34:03	2
Start of Red	16:34:23	1	16:34:23	0			16:34:23	0	16:34:23	0
Start of Green	16:35:39	9	16:35:39	3	00:00:22	0	16:35:39	9	16:35:39	3
Start of Red	16:36:01	0	16:36:01	0			16:36:01	0	16:36:01	0
Start of Green	16:37:14	13	16:37:14	5	00:00:20	0	16:37:14	15	16:37:14	5
Start of Red	16:37:34	0	16:37:34	1			16:37:34	0	16:37:34	1
Start of Green	16:38:51	4	16:38:51	5	00:00:20	0	16:38:51	4	16:38:51	2
Start of Red	16:39:11	0	16:39:11	0			16:39:11	1	16:39:11	2
Start of Green	16:40:26	5	16:40:26	1	00:00:21	3	16:40:26	3	16:40:26	2
Start of Red	16:40:47	0	16:40:47	0			16:40:47	1	16:40:47	0
Start of Green	16:42:02	10	16:42:02	0	00:00:21	0	16:42:02	8	16:42:02	0
Start of Red	16:42:23	0	16:42:23	1			16:42:23	1	16:42:23	0
Start of Green	16:43:38	7	16:43:38	6	00:00:21	0	16:43:38	7	16:43:38	7
Start of Red	16:43:59	0	16:43:59	0			16:43:59	0	16:43:59	0
Start of Green	16:45:15	6	16:45:15	4	00:00:23	0	16:45:15	8	16:45:15	5
Start of Red	16:45:38	0	16:45:38	0			16:45:38	1	16:45:38	0
Start of Green	16:46:50	6	16:46:50	6	00:00:20	1	16:46:50	3	16:46:50	6
Start of Red	16:47:10	0	16:47:10	0			16:47:10	0	16:47:10	0
Start of Green	16:48:26	7	16:48:26	2	00:00:21	0	16:48:26	5	16:48:26	2
Start of Red	16:48:47	1	16:48:47	1			16:48:47	2	16:48:47	0
Start of Green	16:50:02	7	16:50:02	2	00:00:21	0	16:50:02	6	16:50:02	2
Start of Red	16:50:23	0	16:50:23	0			16:50:23	1	16:50:23	0
Start of Green	16:51:38	10	16:51:38	2	00:00:22	0	16:51:38	5	16:51:38	2
Start of Red	16:52:00	1	16:52:00	0			16:52:00	1	16:52:00	0
Start of Green	16:53:13	7	16:53:13	4	00:00:22	0	16:53:13	7	16:53:13	4
Start of Red	16:53:35	0	16:53:35	0			16:53:35	0	16:53:35	0
Start of Green	16:54:48	19	16:54:48	3	00:00:21	0	16:54:48	19	16:54:48	3
Start of Red	16:55:09	3	16:55:09	3			16:55:09	4	16:55:09	3
Start of Green	16:56:27	3	16:56:27	4	00:00:21	0	16:56:27	3	16:56:27	4
Start of Red	16:56:48	6	16:56:48	1			16:56:48	7	16:56:48	1
Start of Green	16:58:03	7	16:58:03	2	00:00:21	3	16:58:03	4	16:58:03	2
Start of Red	16:58:24	2	16:58:24	1			16:58:24	2	16:58:24	0
Start of Green	16:59:39	4	16:59:39	2	00:00:21	0	16:59:39	9	16:59:39	3
Start of Red	17:00:00	2	17:00:00	0			17:00:00	3	17:00:00	0
Start of Green	17:01:15	0	17:01:15	1	00:00:22	0	17:01:15	1	17:01:15	0
Start of Red	17:01:37	0	17:01:37	0			17:01:37	4	17:01:37	2
Start of Green	17:02:52	7	17:02:52	5	00:00:20	1	17:02:52	3	17:02:52	5
Start of Red	17:03:12	3	17:03:12	0			17:03:12	4	17:03:12	0
Start of Green	17:04:26	3	17:04:26	6	00:00:23	0	17:04:26	7	17:04:26	4
Start of Red	17:04:49	0	17:04:49	1			17:04:49	0	17:04:49	1
Start of Green	17:06:05	8	17:06:05	1	00:00:18	0	17:06:05	10	17:06:05	1
Start of Red	17:06:23	0	17:06:23	1			17:06:23	0	17:06:23	0
Start of Green	17:07:42	15	17:07:42	3	00:00:21	1	17:07:42	21	17:07:42	6
Start of Red	17:08:03	0	17:08:03	0			17:08:03	5	17:08:03	0
Start of Green	17:09:16	16	17:09:16	1	00:00:21	1	17:09:16	12	17:09:16	1
Start of Red	17:09:37	0	17:09:37	0			17:09:37	2	17:09:37	0
Start of Green	17:10:55	13	17:10:55	4	00:00:20	0	17:10:55	14	17:10:55	4
Start of Red	17:11:15	0	17:11:15	0			17:11:15	2	17:11:15	0
Start of Green	17:12:33	10	17:12:33	5	00:00:21	0	17:12:33	16	17:12:33	4
Start of Red	17:12:54	3	17:12:54	1			17:12:54	2	17:12:54	2
Start of Green	17:14:08	11	17:14:08	7	00:00:20	1	17:14:08	6	17:14:08	6
Start of Red	17:14:28	0	17:14:28	1			17:14:28	0	17:14:28	1
Start of Green	17:15:44	15	17:15:44	2	00:00:20	0	17:15:44	16	17:15:44	3
Start of Red	17:16:04	1	17:16:04	3			17:16:04	5	17:16:04	3
Start of Green	17:17:18	15	17:17:18	3	00:00:21	0	17:17:18	11	17:17:18	0
Start of Red	17:17:39	0	17:17:39	4			17:17:39	4	17:17:39	2
Start of Green	17:18:54	12	17:18:54	5	00:00:21	0	17:18:54	13	17:18:54	4
Start of Red	17:19:15	0	17:19:15	0			17:19:15	5	17:19:15	2
Start of Green	17:20:30	5	17:20:30	3	00:00:21	6	17:20:30	7	17:20:30	9
Start of Red	17:20:51	1	17:20:51	1			17:20:51	3	17:20:51	3
Start of Green	17:22:05	11	17:22:05	6	00:00:20	0	17:22:05	9	17:22:05	6
Start of Red	17:22:25	1	17:22:25	0			17:22:25	11	17:22:25	0
Start of Green	17:23:41	11	17:23:41	2	00:00:21	3	17:23:41	1	17:23:41	2
Start of Red	17:24:02	0	17:24:02	0			17:24:02	3	17:24:02	0
Start of Green	17:25:18	8	17:25:18	8	00:00:21	0	17:25:18	11	17:25:18	8

Start of Red	17:25:39	0	17:25:39	0			17:25:39	1	17:25:39	0	
Start of Green	17:26:53	13	17:26:53	2	00:00:22	4	17:26:53	10	17:26:53	0	
Start of Red	17:27:15	1	17:27:15	1			17:27:15	1	17:27:15	2	
Start of Green	17:28:49	12	17:28:49	4	00:00:20	0	17:28:49	10	17:28:49	5	
Start of Red	17:29:09	0	17:29:09	1			17:29:09	0	17:29:09	0	
Start of Green	17:30:41	13	17:30:41	8	00:00:22	0	17:30:41	10	17:30:41	9	
Start of Red	17:31:03	0	17:31:03	1			17:31:03	1	17:31:03	1	
Start of Green	17:32:33	7	17:32:33	2	00:00:21	1	17:32:33	6	17:32:33	2	
Start of Red	17:32:54	0	17:32:54	0			17:32:54	1	17:32:54	0	
Start of Green	17:34:25	8	17:34:25	6	00:00:20	0	17:34:25	8	17:34:25	6	
Start of Red	17:34:45	0	17:34:45	0			17:34:45	8	17:34:45	0	
Start of Green	17:36:17	15	17:36:17	6	00:00:21	2	17:36:17	6	17:36:17	6	
Start of Red	17:36:38	2	17:36:38	1			17:36:38	7	17:36:38	1	
Start of Green	17:38:11	18	17:38:11	2	00:00:27	0	17:38:11	16	17:38:11	1	
Start of Red	17:38:38	0	17:38:38	0			17:38:38	0	17:38:38	1	
Start of Green	17:40:01	24	17:40:01	3	00:00:21	3	17:40:01	22	17:40:01	3	
Start of Red	17:40:22	0	17:40:22	3			17:40:22	0	17:40:22	0	
Start of Green	17:41:54	10	17:41:54	3	00:00:19	0	17:41:54	18	17:41:54	6	
Start of Red	17:42:13	8	17:42:13	0			17:42:13	5	17:42:13	0	
Start of Green	17:43:46	13	17:43:46	10	00:00:19	0	17:43:46	7	17:43:46	10	
Start of Red	17:44:05	0	17:44:05	2			17:44:05	2	17:44:05	0	
Start of Green	17:45:37	13	17:45:37	8	00:00:20	1	17:45:37	11	17:45:37	9	
Start of Red	17:45:57	0	17:45:57	0			17:45:57	0	17:45:57	0	
Start of Green	17:47:29	10	17:47:29	4	00:00:21	0	17:47:29	11	17:47:29	3	
Start of Red	17:47:50	1	17:47:50	1			17:47:50	0	17:47:50	2	
Start of Green	17:49:19	18	17:49:19	9	00:00:20	0	17:49:19	25	17:49:19	11	
Start of Red	17:49:39	1	17:49:39	0			17:49:39	2	17:49:39	0	
Start of Green	17:51:17	9	17:51:17	10	00:00:21	0	17:51:17	8	17:51:17	10	
Start of Red	17:51:38	5	17:51:38	0			17:51:38	7	17:51:38	0	
Start of Green	17:53:09	5	17:53:09	5	00:00:21	2	17:53:09	3	17:53:09	5	
Start of Red	17:53:30	1	17:53:30	1			17:53:30	5	17:53:30	1	
Start of Green	17:55:01	10	17:55:01	2	00:00:21	6	17:55:01	4	17:55:01	7	
Start of Red	17:55:22	1	17:55:22	0			17:55:22	4	17:55:22	0	
Start of Green	17:56:53	17	17:56:53	6	00:00:21	1	17:56:53	14	17:56:53	6	
Start of Red	17:57:14	1	17:57:14	0			17:57:14	3	17:57:14	0	
Start of Green	17:58:45	18	17:58:45	11	00:00:20	0	17:58:45	17	17:58:45	7	
Start of Red	17:59:05	0	17:59:05	1			17:59:05	5	17:59:05	2	
Start of Green	18:00:38	9	18:00:38	6	00:00:19	0	18:00:38	5	18:00:38	8	
Start of Red	18:00:57	0	18:00:57	0			18:00:57	0	18:00:57	0	
Start of Green	18:02:29	7	18:02:29	9	00:00:20	0	18:02:29	9	18:02:29	9	
Start of Red	18:02:49	1	18:02:49	2			18:02:49	4	18:02:49	0	
Start of Green	18:04:21	11	18:04:21	3	00:00:21	1	18:04:21	12	18:04:21	6	
Start of Red	18:04:42	4	18:04:42	0			18:04:42	5	18:04:42	0	
Start of Green	18:06:13	9	18:06:13	4	00:00:20	0	18:06:13	5	18:06:13	4	
Start of Red	18:06:33	1	18:06:33	0			18:06:33	6	18:06:33	0	
Start of Green	18:08:05	9	18:08:05	4	00:00:20	0	18:08:05	5	18:08:05	4	
Start of Red	18:08:25	3	18:08:25	4			18:08:25	4	18:08:25	2	
Start of Green	18:09:57	6	18:09:57	6	00:00:21	1	18:09:57	6	18:09:57	7	
Start of Red	18:10:18	0	18:10:18	5			18:10:18	1	18:10:18	0	
Start of Green	18:11:49	7	18:11:49	3	00:00:25	0	18:11:49	6	18:11:49	5	
Start of Red	18:12:14	0	18:12:14	3			18:12:14	1	18:12:14	0	
Start of Green	18:13:41	9	18:13:41	7	00:00:21	0	18:13:41	11	18:13:41	11	
Start of Red	18:14:02	1	18:14:02	0			18:14:02	0	18:14:02	0	
Start of Green	18:15:33	17	18:15:33	5	00:00:20	0	18:15:33	17	18:15:33	5	
Start of Red	18:15:53	2	18:15:53	0			18:15:53	5	18:15:53	0	
Start of Green	18:17:31	22	18:17:31	3	00:00:20	3	18:17:31	21	18:17:31	1	
Start of Red	18:17:51	1	18:17:51	0			18:17:51	2	18:17:51	0	
Start of Green	18:19:23	4	18:19:23	5	00:00:20	0	18:19:23	10	18:19:23	7	
Start of Red	18:19:43	0	18:19:43	0			18:19:43	1	18:19:43	0	
Start of Green	18:21:15	13	18:21:15	11	00:00:20	0	18:21:15	12	18:21:15	8	
Start of Red	18:21:35	3	18:21:35	0			18:21:35	0	18:21:35	1	
Start of Green	18:23:07	9	18:23:07	5	00:00:20	0	18:23:07	10	18:23:07	5	
Start of Red	18:23:27	2	18:23:27	0			18:23:27	1	18:23:27	0	
Start of Green	18:24:59	7	18:24:59	3	00:00:20	0	18:24:59	7	18:24:59	3	
Start of Red	18:25:19	0	18:25:19	0			18:25:19	3	18:25:19	1	
Start of Green	18:26:57	15	18:26:57	8	00:00:20	0	18:26:57	13	18:26:57	8	
Start of Red	18:27:17	0	18:27:17	0			18:27:17	2	18:27:17	1	
Start of Green	18:28:49	14	18:28:49	14	00:00:20	2	18:28:49	14	18:28:49	10	
Start of Red	18:29:09	0	18:29:09	1			18:29:09	2	18:29:09	2	
Start of Green	18:30:41	14	18:30:41	2	00:00:20	7	18:30:41	9	18:30:41	6	
Start of Red	18:31:01	0	18:31:01	4			18:31:01	9	18:31:01	0	
Start of Green	18:32:33	10	18:32:33	5	00:00:20	0	18:32:33	1	18:32:33	11	
Start of Red	18:32:53	1	18:32:53	0			18:32:53	2	18:32:53	0	
Start of Green	18:34:31	8	18:34:31	2	00:00:20	0	18:34:31	6	18:34:31	3	
Start of Red	18:34:51	1	18:34:51	4			18:34:51	5	18:34:51	0	
Start of Green	18:36:29	17	18:36:29	1	00:00:21	2	18:36:29	14	18:36:29	5	
Start of Red	18:36:50	0	18:36:50	0			18:36:50	0	18:36:50	0	
Start of Green	18:38:23	12	18:38:23	7	00:00:21	0	18:38:23	12	18:38:23	7	
Start of Red	18:38:44	0	18:38:44	0			18:38:44	2	18:38:44	0	
Start of Green	18:40:15	8	18:40:15	1	00:00:20	0	18:40:15	7	18:40:15	1	
Start of Red	18:40:35	0	18:40:35	4			18:40:35	1	18:40:35	0	
Start of Green	18:42:08	4	18:42:08	2	00:00:20	0	18:42:08	3	18:42:08	6	
Start of Red	18:42:28	0	18:42:28	0			18:42:28	1	18:42:28	0	
Start of Green	18:43:59	10	18:43:59	6	00:00:21	0	18:43:59	9	18:43:59	6	
Start of Red	18:44:20	0	18:44:20	4			18:44:20	10	18:44:20	0	
Start of Green	18:45:52	11	18:45:52	4	00:00:19	0	18:45:52	2	18:45:52	7	
Start of Red	18:46:11	0	18:46:11	5			18:46:11	0	18:46:11	6	
Start of Green	18:47:43	11	18:47:43	4	00:00:21	0	18:47:43	10	18:47:43	3	
Start of Red	18:48:04	1	18:48:04	1			18:48:04	6	18:48:04	2	
Start of Green	18:49:36	7	18:49:36	5	00:00:20	3	18:49:36	5	18:49:36	1	
Start of Red	18:49:56	3	18:49:56	4			18:49:56	3	18:49:56	0	
Start of Green	18:51:27	10	18:51:27	4	00:00:21	5	18:51:27	10	18:51:27	13	
Start of Red	18:51:48	2	18:51:48	0			18:51:48	19	18:51:48	0	
Start of Green	18:53:20	16	18:53:20	6	00:00:20	1	18:53:20	0	18:53:20	6	
Start of Red	18:53:40	0	18:53:40	0			18:53:40	9	18:53:40	0	
Start of Green	18:55:12	11	18:55:12	3	00:00:20	1	18:55:12	1	18:55:12	3	
Start of Red	18:55:32	0	18:55:32	0			18:55:32	2	18:55:32	0	
Start of Green	18:57:04	9	18:57:04	8	00:00:21	1	18:57:04	7	18:57:04	8	
Start of Red	18:57:25	0	18:57:25	0			18:57:25	0	18:57:25	0	
Start of Green	18:58:56	8	18:58:56	8	00:00:19	0	18:58:56	8	18:58:56	8	
Start of Red	18:59:15	1	18:59:15	0			18:59:15	4	18:59:15	0	

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Euston Square Gardens

intelligentdata

	07:00 - 10:00			
	Arm A		Arm C	
Time	A1	A2	C1	C2
07:00	17	21	2	1
07:05	5	17	0	3
07:10	23	15	0	8
07:15	16	20	6	3
07:20	14	15	1	2
07:25	12	23	1	5
07:30	13	33	2	8
07:35	15	14	1	3
07:40	29	33	0	11
07:45	23	28	1	6
07:50	20	37	1	2
07:55	25	36	1	7
08:00	18	44	2	15
08:05	36	66	3	16
08:10	23	34	0	15
08:15	53	65	1	8
08:20	35	56	1	8
08:25	48	86	2	6
08:30	52	96	2	12
08:35	44	63	1	14
08:40	57	70	2	19
08:45	47	63	2	32
08:50	47	81	0	21
08:55	63	98	1	17
09:00	65	87	0	11
09:05	42	63	1	18
09:10	52	51	0	23
09:15	47	43	1	17
09:20	40	55	1	5
09:25	59	58	2	10
09:30	40	39	2	11
09:35	62	36	1	24
09:40	62	42	1	10
09:45	38	46	1	18
09:50	65	40	0	11
09:55	31	26	2	15
Total	1338	1700	45	415
Start Time	Rolling Hour		Rolling Hour	
07:00	212	292	16	59
07:05	213	315	16	73
07:10	244	364	19	86
07:15	244	383	19	93
07:20	281	428	14	98
07:25	302	469	14	104
07:30	338	532	15	105
07:35	377	595	15	109
07:40	406	644	15	120
07:45	434	681	17	128
07:50	458	716	18	154
07:55	485	760	17	173
08:00	523	822	17	183
08:05	570	865	15	179
08:10	576	862	13	181
08:15	605	879	13	189
08:20	599	857	13	198
08:25	604	856	13	195
08:30	615	828	13	199
08:35	603	771	13	198
08:40	621	744	13	208
08:45	626	716	12	199
08:50	617	699	11	185
08:55	635	658	11	175
09:00	603	586	12	173

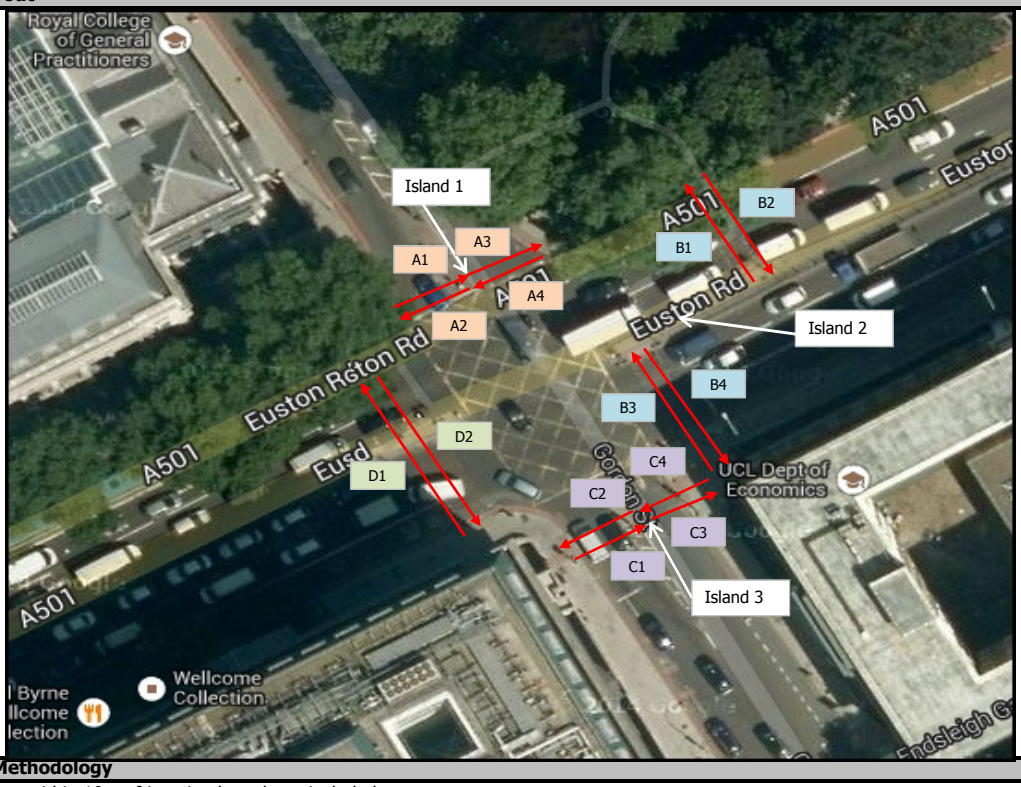
	16:00 - 19:00			
	Arm A		Arm C	
Time	A1	A2	C1	C2
16:00	37	31	0	2
16:05	42	27	3	3
16:10	39	33	7	6
16:15	49	45	3	3
16:20	47	38	11	5
16:25	54	33	7	4
16:30	50	34	5	8
16:35	46	36	2	0
16:40	58	37	1	2
16:45	50	34	3	0
16:50	43	37	4	8
16:55	59	41	10	4
17:00	57	26	8	4
17:05	63	48	3	2
17:10	88	46	7	7
17:15	107	61	12	8
17:20	75	44	2	1
17:25	89	57	16	4
17:30	89	41	14	1
17:35	72	49	4	2
17:40	101	65	10	1
17:45	105	52	6	2
17:50	95	27	7	0
17:55	98	56	1	3
18:00	91	51	1	2
18:05	84	36	13	0
18:10	79	42	9	7
18:15	68	66	7	3
18:20	77	48	1	0
18:25	72	51	7	5
18:30	75	38	5	3
18:35	106	40	1	0
18:40	82	31	9	5
18:45	76	43	5	1
18:50	69	49	2	2
18:55	84	38	4	1
Total	2576	1531	219	101
Start Time	Rolling Hour		Rolling Hour	
16:00	574	426	56	37
16:05	594	421	64	39
16:10	615	442	64	38
16:15	664	455	64	39
16:20	722	471	73	44
16:25	750	477	64	40
16:30	785	501	73	40
16:35	824	508	82	41
16:40	850	521	84	43
16:45	893	549	93	42
16:50	948	567	96	44
16:55	1000	597	99	36
17:00	1039	572	90	35
17:05	1073	597	83	33
17:10	1094	585	93	31
17:15	1085	581	95	31
17:20	1046	586	90	26
17:25	1048	590	89	25
17:30	1031	584	80	26
17:35	1017	581	71	28
17:40	1051	572	68	26
17:45	1032	538	67	30
17:50	1003	529	66	29
17:55	977	551	61	31
18:00	963	513	64	29

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Melton Street / Gordon Street

X Coordinate	Y Coordinate	Google Maps Link
51.526336	-0.133655	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: 3201981
Junction Name: Euston Road / Melton Street / Gordon Street

07:00 - 10:00
Signalised Crossings

	Arm A										Arm B				
	A1		A2		Number of people waiting on Island 1 at start of green (A1)	A3		A4		Number of people waiting on Island 1 at start of green (A3)	B1		B2		Number of people waiting on Island 2 at start of green (B1)
	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	
Start of Green	06:59:43	0	06:59:43	3	0	06:59:55	9	06:59:55	3	0	07:02:44	0	07:02:44	1	0
Start of Red	06:59:53	9	06:59:53	3		07:00:57	1	07:00:57	1		07:03:04	0	07:03:04	0	
Start of Green	07:01:19	1	07:01:19	0	0	07:01:31	12	07:01:31	3	0	07:04:19	5	07:04:19	1	1
Start of Red	07:01:29	12	07:01:29	6		07:02:33	1	07:02:33	2		07:04:38	0	07:04:38	0	
Start of Green	07:02:55	0	07:02:55	0	0	07:03:07	5	07:03:07	11	0	07:05:55	1	07:05:55	3	1
Start of Red	07:03:05	7	07:03:05	11		07:04:09	1	07:04:09	6		07:06:14	0	07:06:14	3	
Start of Green	07:04:30	2	07:04:30	5	0	07:04:42	11	07:04:42	10	0	07:07:31	1	07:07:31	2	0
Start of Red	07:04:40	11	07:04:40	12		07:05:44	2	07:05:44	5		07:07:50	0	07:07:50	0	
Start of Green	07:06:06	0	07:06:06	2	0	07:06:18	3	07:06:18	21	0	07:09:07	2	07:09:07	2	0
Start of Red	07:06:16	4	07:06:16	25		07:07:20	1	07:07:20	10		07:09:26	6	07:09:26	1	
Start of Green	07:07:42	9	07:07:42	1	0	07:07:54	5	07:07:54	5	0	07:10:43	3	07:10:43	0	0
Start of Red	07:07:52	5	07:07:52	8		07:08:56	2	07:08:56	2		07:11:01	0	07:11:01	0	
Start of Green	07:09:18	2	07:09:18	0	0	07:09:30	9	07:09:30	7	0	07:12:19	1	07:12:19	8	0
Start of Red	07:09:28	8	07:09:28	11		07:10:32	0	07:10:32	9		07:12:37	0	07:12:37	0	
Start of Green	07:10:54	3	07:10:54	7	1	07:11:06	6	07:11:06	34	2	07:13:54	2	07:13:54	4	0
Start of Red	07:11:04	3	07:11:04	37		07:12:08	0	07:12:08	16		07:14:12	0	07:14:12	0	
Start of Green	07:12:34	0	07:12:34	10	0	07:12:46	5	07:12:46	15	0	07:15:31	0	07:15:31	4	0
Start of Red	07:12:44	8	07:12:44	18		07:13:42	3	07:13:42	4		07:15:49	0	07:15:49	4	
Start of Green	07:14:05	1	07:14:05	0	1	07:14:17	6	07:14:17	5	0	07:17:06	0	07:17:06	2	0
Start of Red	07:14:15	9	07:14:15	10		07:15:19	5	07:15:19	6		07:17:25	0	07:17:25	9	
Start of Green	07:15:41	1	07:15:41	3	0	07:15:53	6	07:15:53	18	0	07:18:43	1	07:18:43	10	0
Start of Red	07:15:51	12	07:15:51	21		07:16:55	5	07:16:55	11		07:19:01	0	07:19:01	0	
Start of Green	07:17:17	1	07:17:17	4	3	07:17:29	10	07:17:29	26	2	07:20:18	2	07:20:18	3	0
Start of Red	07:17:27	9	07:17:27	35		07:18:32	4	07:18:32	8		07:20:37	0	07:20:37	1	
Start of Green	07:18:53	2	07:18:53	6	0	07:19:05	8	07:19:05	10	0	07:21:56	1	07:21:56	5	0
Start of Red	07:19:03	11	07:19:03	13		07:20:07	2	07:20:07	1		07:22:14	0	07:22:14	0	
Start of Green	07:20:29	2	07:20:29	9	2	07:20:41	11	07:20:41	8	1	07:23:32	0	07:23:32	6	0
Start of Red	07:20:39	12	07:20:39	9		07:21:44	3	07:21:44	1		07:23:50	1	07:23:50	0	
Start of Green	07:22:06	0	07:22:06	1	0	07:22:18	5	07:22:18	4	0	07:25:08	3	07:25:08	4	1
Start of Red	07:22:16	7	07:22:16	4		07:23:21	2	07:23:21	5		07:25:27	0	07:25:27	11	
Start of Green	07:23:43	0	07:23:43	4	1	07:23:55	2	07:23:55	42	0	07:26:45	1	07:26:45	2	0
Start of Red	07:23:53	7	07:23:53	59		07:24:57	7	07:24:57	13		07:27:02	0	07:27:02	1	
Start of Green	07:25:19	2	07:25:19	4	0	07:25:31	5	07:25:31	37	0	07:28:20	8	07:28:20	12	6
Start of Red	07:25:29	11	07:25:29	59		07:26:33	6	07:26:33	18		07:28:38	0	07:28:38	4	
Start of Green	07:26:55	2	07:26:55	1	4	07:27:07	7	07:27:07	41	0	07:29:56	0	07:29:56	3	0
Start of Red	07:27:05	6	07:27:05	57		07:28:09	0	07:28:09	8		07:30:16	0	07:30:16	1	
Start of Green	07:28:31	9	07:28:31	13	7	07:28:43	9	07:28:43	14	0	07:31:31	4	07:31:31	3	3
Start of Red	07:28:41	4	07:29:33	3		07:29:45	8	07:29:45	5		07:31:49	1	07:31:49	8	
Start of Green	07:29:43	12	07:29:43	20	6	07:30:19	10	07:30:19	17	0	07:33:08	4	07:33:08	3	0
Start of Red	07:29:53	4	07:31:08	12		07:31:20	5	07:31:20	16		07:33:27	4	07:33:27	9	
Start of Green	07:31:43	3	07:31:43	6	1	07:31:55	11	07:31:55	16	0	07:36:18	0	07:36:18	1	0
Start of Red	07:31:53	14	07:31:53	22		07:32:57	6	07:32:57	10		07:36:37	0	07:36:37	2	
Start of Green	07:33:20	1	07:33:20	0	4	07:33:32	19	07:33:32	20	0	07:37:52	2	07:37:52	1	0
Start of Red	07:33:30	22	07:33:30	28		07:34:32	2	07:34:32	10		07:38:10	6	07:38:10	0	
Start of Green	07:34:54	1	07:34:54	2	0	07:35:06	8	07:35:06	7	0	07:39:33	4	07:39:33	4	0
Start of Red	07:35:04	11	07:35:04	15		07:36:07	4	07:36:07	3		07:39:51	0	07:39:51	7	
Start of Green	07:36:29	2	07:36:29	0	2	07:36:41	7	07:36:41	8	0	07:41:09	0	07:41:09	0	0
Start of Red	07:36:39	5	07:36:39	14		07:37:40	3	07:37:40	14		07:41:28	0	07:41:28	15	
Start of Green	07:38:09	2	07:38:09	7	7	07:38:21	10	07:38:21	28	0	07:42:45	4	07:42:45	4	0
Start of Red	07:38:19	13	07:38:19	37		07:39:19	2	07:39:19	22		07:43:03	3	07:43:03	10	
Start of Green	07:39:49	2	07:39:49	7	2	07:40:01	12	07:40:01	39	0	07:44:19	0	07:44:19	2	0
Start of Red	07:39:59	14	07:39:59	48		07:40:58	4	07:40:58	4		07:44:37	0	07:44:37	6	
Start of Green	07:41:20	2	07:41:20	2	3	07:41:32	8	07:41:32	49	0	07:45:55	1	07:45:55	1	0
Start of Red	07:41:30	15	07:41:30	55		07:42:34	3	07:42:34	7		07:46:14	0	07:46:14	3	
Start of Green	07:42:56	1	07:42:56	2	3	07:43:08	4	07:43:08	31	0	07:47:36	5	07:47:36	3	0
Start of Red	07:43:06	4	07:43:06	33		07:44:08	4	07:44:08	13		07:47:54	1	07:47:54	0	
Start of Green	07:44:30	2	07:44:30	12	2	07:44:42	19	07:44:42	36	0	07:49:12	0	07:49:12	0	0
Start of Red	07:44:40	18	07:44:40	43		07:45:44	3	07:45:44	17		07:49:30	1	07:49:30	3	
Start of Green	07:46:07	4	07:46:07	7	1	07:46:19	8	07:46:19	24	0	07:50:46	5	07:50:46	2	2
Start of Red	07:46:17	9	07:46:17	29		07:47:24	6	07:47:24	6		07:51:05	0	07:51:05	10	
Start of Green	07:47:48	3	07:47:48	3	0	07:48:00	3	07:48:00	21	0	07:52:22	0	07:52:22	4	0
Start of Red	07:47:58	11	07:47:58	23		07:49:01	8	07:49:01	0		07:52:41	6	07:52:41	7	
Start of Green	07:49:28	1	07:49:28	0	1	07:49:40	12	07:49:40	13	0	07:53:58	1	07:53:58	5	0
Start of Red	07:49:38	17	07:49:38	15		07:50:35	5	07:50:35	7		07:54:16	5	07:54:16	17	
Start of Green	07:50:58	2	07:50:58	3	0	07:51:10	13	07:51:10	23	0	07:57:10	4	07:57:10	2	1
Start of Red	07:51:08	15	07:51:08	29		07:52:11	4	07:52:11	8		07:57:28	0	07:57:28	10	
Start of Green	07:52:24	8	07:52:24	0	3	07:52:46	14	07:52:46	24	0	07:58:42	2	07:58:42	4	0
Start of Red	07:52:44	11	07:52:44	31		07:53:46	8	07:53:46	14		07:59:03	4	07:59:03	13	
Start of Green	07:54:10	3	07:54:10	4	1	07:54:22	6	07:54:22	11	0	08:00:19	2	08:00:19	1	0
Start of Red	07:54:20	10	07:54:20	20		07:55:23	5	07:55:23	3		08:00:37	1	08:00:37	16	
Start of Green	07:55:46	0	07:55:46	3	2	07:55:58	13	07:55:58	23	0	08:01:54	1	08:01:54	4	0
Start of Red	07:55:56	15	07:55:56	24		07:56:58	3	07:56:58	9		08:02:13	1	08:02:13	9	
Start of Green	07:57:21	1	07:57:21	4	1	07:57:33	4	07:57:33	38	0	08:03:34	2	08:03:34	11	0
Start of Red	07:57:31	5	07:57:31	50		07:58:31	1	07:58:31	27		08:03:53	1	08:03:53	19	
Start of Green	07:59:01	0	07:59:01	17	5	07:59:13	5	07:59:13	49	0	08:05:10	5	08:05:10	5	3
Start of Red	07:59:11	14	07:59:11	52		08:00:07	10	08:00:07	30		08:05:29	2	08:05:29	4	
Start of Green	08:00:37	4	08:00:37	0	7	08:00:49	20	08:00:49	39	2	08:06:48	2	08:06:48	7	0
Start of Red	08:00:47	21	08:00:47	79		08:01:43	7	08:01:43	9		08:07:07	4	08:07:07	8	
Start of Green	08:02:13	3	08:02:13	0	5	08:02:25	4	08:02:25	45	2	08:08:26	4	08:08:26	3	0
Start of Red	08:02:23	14	08:02:23	62		08:03:24	8	08:03:24	10		08:08:44	1	08:08:44	11	
Start of Green	08:03:53	11	08:03:53	0	7	08:04:05	12	08:04:05	50	0	08:10:03	0	08:10:03	7	0
Start of Red	08:04:03	8	08:04:03	61		08:04:59	2	08:04:59	10		08:10:20	1	08:10:20	11	
Start of Green	08:05:29	1	08:05:29	1	2	08:05:41	8	08:05:41	29	0	08:11:39	0	08:11:39	3	0
Start of Red	08:05:39	12	08:05:39	37		08:06:37	3	08:06:37	15		08:11:57	1	08:11:57	8	
Start of Green	08:07:07	5	08:07:07	1	5	08:07:19	15	08:07:19	37	1	08:13:18	0	08:13:18	2	0
Start of Red	08:07:17	16	08:07:17	56		08:08:14	7	08:08:14	40		08:13:35	0	08:13:35	9	
Start of Green	08:08:43	2	08:08:43	7	2	08:08:55	11	08:08:55	52	0	08:14:50	1	08:14:50	4	0
Start of Red	08:08:53	11	08:08:53	90		08:09:51	5	08:09:51	33		08:15:11	8	08:15:11	29	
Start of Green	08:10:15	7	08:10:15	16	2	08:10:27	15	08:10:27	49	0	08:18:02	4	08:18:02	6	1
Start of Red	08:10:25	16	08:10:25	62		08:11:27	6	08:11:27	15		08:18:21	0	08:18:21	9	
Start of Green	08:11:55	5	08:11:55	2	1	08:12:07	15	08:12:07	14	2	08:19:35	1	08:19:35	2	0
Start of Red	08:12:05	17	08:12:05	28		08:13:05	7	08:13:05	8		08:19:54	1	08:19:54	10	
Start of Green	08:13:30	5	08:13:30	2	0	08:13:42	13	08:13:42	13	0	08:21:12	1	08:21:12	3	0
Start of Red	08:13:40	22	08:13:40	21		08:14:40	13	08:14:40	7		08:21:30	0	08:21:30	11	
Start of Green	08:15:06	6	08:15:06	1	0	08:15:18	19	08:15:18	31	0	08:22:48	0	08:22:48	0	0
Start of Red	08:15:16	23	08:15:16	40		08:16:18	12	08:16:18	21		08:23:06	1	08:23:06	14	
Start of Green	08:16:43	5	08:16:43	13	0	08:16:55	6	08:16:55	34	0	08:24:26	1	08:24:26	6	0
Start of Green	08:17:51	13	08:17:51	58		08:17:51	11	08:17:51	28		08:24:43	1	08:24:43	20	
Start of Green	08:18:16	4	08:18:16	10	4	08:18:28	18	08:18:28	51	0	08:26:05	0	08:26:05	4	0
Start of Red	08:18:26	22	08:18:26	60		08:19:25	9	08:19:25	30		08:26:25	1	08:26:25	6	
Start of Green	08:19:51	5	08:19:51	17	4	08:20:03	16	08:20:03	52	0	08:27:35	1	08:27:35	5	0
Start of Red	08:20:01	7	08:20:01	65		08:21:01	0	08:21:01	1		08:27:53	0	08:27:53	1	
Start of Green	08:21:26	2	08:21:26	0	0	08:21:38	8	08:21:38	67	4	08:29:16	4	08:29:16	6	1
Start of Red	08:21:36	7	08:21:36	75		08:22:37	10	08:22:37	23		08:29:33	0	08:29:33	31	
Start of Green	08:23:04	4	08:23:04	15	0	08:23:16	10	08:23:16	18	0	08:30:57	2	08:30:57	4	0
Start of Red	08:23:14	24	08:23:14	51		08:24:14	16	08:24:14	25		08:31:15	0	08:31:15	22	
Start of Green	08:24:41	4	08:24:41	15	1	08:24:53	24	08:24:53	40	0	08:32:32	0	08:32:32	6	0
Start of Red	08:24:51	18	08:24:51	45		08:25:54	2	08:25:54	6		08:32:50	0	08:32:50	9	
Start of Green	08:26:16	3	08:26:16	1	1	08:26:28	13	08:26:28	31	1	08:34:10	1	08:34:10	5	1
Start of Red	08:26:26	14	08:26:26	39		08:27:23	12	08:27:23	16		08:34:28	3	08:34:28	15	
Start of Green	08:27:48	7	08:27:48	0	0	08:28:00	20	08:28:00	19	0	08:35:43	2	08:35:43	6	0
Start of Red	08:27:58	25	08:27:58	35		08:29:04	11	08:29:04	11		08:36:02	0	08:36:02	16	
Start of Green	08:29:26	4	08:29:26	0	0	08:29:38	14	08:29:38	44	0	08:37:13	1	08:37:13	9	0
Start of Red	08:29:36	18	08:29:36	56		08:30:46	6	08:30:46	8		08:37:32	1	08:37:32	15	

Start of Green	08:31:08	6	08:31:08	1	1	08:31:20	23	08:31:20	28	0	08:38:52	0	08:38:52	5	0
Start of Red	08:31:18	20	08:31:18	37		08:32:21	8	08:32:21	7		08:39:10	5	08:39:10	25	
Start of Green	08:32:48	7	08:32:48	0	0	08:33:00	11	08:33:00	42	0	08:40:32	3	08:40:32	4	0
Start of Red	08:32:58	17	08:32:58	51		08:33:59	9	08:33:59	14		08:40:50	3	08:40:50	11	
Start of Green	08:34:26	1	08:34:26	4	0	08:34:38	15	08:34:38	32	0	08:42:02	2	08:42:02	6	0
Start of Red	08:34:36	17	08:34:36	42		08:35:32	14	08:35:32	32		08:42:26	2	08:42:26	8	
Start of Green	08:35:57	8	08:35:57	13	0	08:36:09	11	08:36:09	50	0	08:43:42	4	08:43:42	20	1
Start of Red	08:36:07	18	08:36:07	69		08:37:03	6	08:37:03	12		08:43:59	3	08:43:59	24	
Start of Green	08:37:33	3	08:37:33	2	2	08:37:45	11	08:37:45	67	0	08:45:13	4	08:45:13	4	0
Start of Red	08:37:43	16	08:37:43	85		08:38:41	6	08:38:41	39		08:45:32	2	08:45:32	12	
Start of Green	08:39:09	3	08:39:09	25	1	08:39:21	18	08:39:21	68	0	08:46:49	5	08:46:49	7	0
Start of Red	08:39:19	19	08:39:19	68		08:40:21	1	08:40:21	7		08:47:07	1	08:47:07	16	
Start of Green	08:40:43	4	08:40:43	0	0	08:40:55	16	08:40:55	75	0	08:48:26	3	08:48:26	7	0
Start of Red	08:40:53	12	08:40:53	98		08:41:50	9	08:41:50	16		08:48:44	3	08:48:44	30	
Start of Green	08:42:15	4	08:42:15	0	0	08:42:27	24	08:42:27	57	0	08:50:02	4	08:50:02	9	0
Start of Red	08:42:25	25	08:42:25	74		08:43:30	1	08:43:30	8		08:50:20	1	08:50:20	21	
Start of Green	08:43:55	5	08:43:55	0	0	08:44:07	20	08:44:07	69	0	08:51:37	1	08:51:37	8	0
Start of Red	08:44:05	25	08:44:05	79		08:45:02	14	08:45:02	18		08:51:57	0	08:51:57	32	
Start of Green	08:45:32	3	08:45:32	0	0	08:45:44	5	08:45:44	55	0	08:53:18	9	08:53:18	7	0
Start of Red	08:45:42	16	08:45:42	89		08:46:40	13	08:46:40	27		08:53:37	5	08:53:37	24	
Start of Green	08:47:09	3	08:47:09	2	1	08:47:21	16	08:47:21	35	0	08:54:50	7	08:54:50	9	0
Start of Red	08:47:19	24	08:47:19	68		08:48:15	6	08:48:15	22		08:55:09	2	08:55:09	8	
Start of Green	08:48:45	2	08:48:45	2	0	08:48:57	10	08:48:57	64	1	08:56:31	3	08:56:31	7	0
Start of Red	08:48:55	12	08:48:55	92		08:49:51	1	08:49:51	10		08:56:50	2	08:56:50	37	
Start of Green	08:50:21	2	08:50:21	0	0	08:50:33	12	08:50:33	78	6	08:58:08	3	08:58:08	4	0
Start of Red	08:50:31	15	08:50:31	101		08:51:27	5	08:51:27	19		08:58:26	1	08:58:26	5	
Start of Green	08:51:53	3	08:51:53	2	5	08:52:05	28	08:52:05	52	0	08:59:39	7	08:59:39	28	0
Start of Red	08:52:03	32	08:52:03	62		08:53:07	10	08:53:07	6		08:59:56	0	08:59:56	14	
Start of Green	08:53:32	24	08:53:32	0	5	08:53:44	27	08:53:44	64	0	09:01:15	2	09:01:15	15	0
Start of Red	08:53:42	18	08:53:42	66		08:54:39	15	08:54:39	29		09:01:34	0	09:01:34	12	
Start of Green	08:55:06	10	08:55:06	17	3	08:55:18	18	08:55:18	67	0	09:02:50	0	09:02:50	2	0
Start of Red	08:55:16	36	08:55:16	75		08:56:19	13	08:56:19	20		09:03:08	2	09:03:08	11	
Start of Green	08:56:46	4	08:56:46	0	8	08:56:58	30	08:56:58	52	0	09:04:29	3	09:04:29	14	0
Start of Red	08:56:56	31	08:56:56	62		08:57:57	4	08:57:57	8		09:04:47	0	09:04:47	9	
Start of Green	08:58:22	1	08:58:22	0	0	08:58:34	16	08:58:34	51	0	09:06:04	4	09:06:04	19	0
Start of Red	08:58:32	21	08:58:32	53		08:59:27	9	08:59:27	17		09:06:23	5	09:06:23	1	
Start of Green	08:59:57	8	08:59:57	0	1	09:00:09	14	09:00:09	47	0	09:07:44	3	09:07:44	21	2
Start of Red	09:00:07	17	09:00:07	54		09:01:01	2	09:01:01	8		09:08:00	0	09:08:00	0	
Start of Green	09:01:33	2	09:01:33	1	4	09:01:45	15	09:01:45	55	6	09:09:18	8	09:09:18	22	0
Start of Red	09:01:43	19	09:01:43	58		09:02:40	3	09:02:40	4		09:09:34	0	09:09:34	0	
Start of Green	09:03:05	6	09:03:05	0	12	09:03:17	35	09:03:17	64	0	09:10:51	9	09:10:51	21	2
Start of Red	09:03:15	25	09:03:15	68		09:04:18	1	09:04:18	2		09:11:11	0	09:11:11	9	
Start of Green	09:04:41	14	09:04:41	3	9	09:04:53	24	09:04:53	39	0	09:12:27	10	09:12:27	3	0
Start of Red	09:04:51	18	09:04:51	39		09:05:54	2	09:05:54	4		09:12:45	0	09:12:45	4	
Start of Green	09:06:21	2	09:06:21	1	4	09:06:33	15	09:06:33	40	4	09:14:00	3	09:14:00	18	2
Start of Red	09:06:31	22	09:06:31	53		09:07:32	3	09:07:32	6		09:14:18	3	09:14:18	37	
Start of Green	09:08:01	6	09:08:01	2	5	09:08:13	20	09:08:13	54	2	09:17:08	5	09:17:08	9	2
Start of Red	09:08:11	20	09:08:11	85		09:09:05	13	09:09:05	28		09:17:27	0	09:17:27	1	
Start of Green	09:09:33	4	09:09:33	13	6	09:09:45	9	09:09:45	34	0	09:18:46	6	09:18:46	34	2
Start of Red	09:09:43	14	09:09:43	37		09:10:42	4	09:10:42	6		09:19:05	0	09:19:05	0	
Start of Green	09:11:09	12	09:11:09	0	1	09:11:21	17	09:11:21	46	2	09:20:21	6	09:20:21	24	0
Start of Red	09:11:19	15	09:11:19	57		09:12:16	0	09:12:16	4		09:20:39	0	09:20:39	4	
Start of Green	09:12:38	0	09:12:38	0	1	09:12:50	7	09:12:50	60	1	09:21:57	3	09:21:57	11	1
Start of Red	09:12:48	11	09:12:48	62		09:13:49	2	09:13:49	8		09:22:16	0	09:22:16	0	
Start of Green	09:14:16	3	09:14:16	0	3	09:14:28	14	09:14:28	65	4	09:23:38	4	09:23:38	22	0
Start of Red	09:14:26	14	09:14:26	68		09:15:23	3	09:15:23	4		09:23:56	1	09:23:56	0	
Start of Green	09:15:52	6	09:15:52	0	2	09:16:04	17	09:16:04	40	0	09:25:14	0	09:25:14	25	0
Start of Red	09:16:02	19	09:16:02	45		09:17:01	11	09:17:01	20		09:25:33	0	09:25:33	16	
Start of Green	09:17:28	3	09:17:28	0	3	09:17:40	6	09:17:40	19	0	09:26:47	2	09:26:47	6	1
Start of Red	09:17:38	16	09:17:38	36		09:18:38	5	09:18:38	7		09:27:00	1	09:27:00	0	
Start of Green	09:19:07	6	09:19:07	3	5	09:19:19	8	09:19:19	32	0	09:28:25	0	09:28:25	30	0
Start of Red	09:19:17	12	09:19:17	42		09:20:19	0	09:20:19	9		09:28:44	0	09:28:44	5	
Start of Green	09:20:37	8	09:20:37	0	3	09:20:49	27	09:20:49	28	3	09:30:03	2	09:30:03	11	0
Start of Red	09:20:47	29	09:20:47	28		09:21:50	2	09:21:50	11		09:30:22	0	09:30:22	3	
Start of Green	09:22:13	4	09:22:13	0	2	09:22:25	7	09:22:25	17	3	09:31:35	0	09:31:35	18	0
Start of Red	09:22:23	7	09:22:23	29		09:23:30	3	09:23:30	3		09:31:55	0	09:31:55	4	
Start of Green	09:23:50	10	09:23:50	0	4	09:24:02	41	09:24:02	26	2	09:33:10	5	09:33:10	19	2
Start of Red	09:24:00	34	09:24:00	29		09:25:05	2	09:25:05	0		09:33:28	1	09:33:28	2	
Start of Green	09:25:23	8	09:25:23	0	2	09:25:35	21	09:25:35	42	11	09:34:46	1	09:34:46	17	0
Start of Red	09:25:33	10	09:25:33	41		09:26:40	2	09:26:40	3		09:35:03	0	09:35:03	1	
Start of Green	09:26:58	9	09:26:58	1	0	09:27:10	20	09:27:10	35	2	09:36:22	4	09:36:22	17	2
Start of Red	09:27:08	14	09:27:08	43		09:28:18	3	09:28:18	8		09:36:40	0	09:36:40	0	
Start of Green	09:28:40	2	09:28:40	3	4	09:28:52	9	09:28:52	38	0	09:38:00	1	09:38:00	25	1
Start of Red	09:28:50	14	09:28:50	41		09:29:56	0	09:29:56	0		09:38:19	2	09:38:19	1	
Start of Green	09:30:16	8	09:30:16	0	1	09:30:28	17	09:30:28	31	10	09:39:35	3	09:39:35	22	0
Start of Red	09:30:26	8	09:30:26	31		09:31:28	0	09:31:28	9		09:39:53	3	09:39:53	3	
Start of Green	09:31:48	4	09:31:48	0	0	09:32:00	20	09:32:00	24	8	09:41:14	0	09:41:14	18	0
Start of Red	09:31:58	12	09:31:58	24		09:33:04	1	09:33:04	7		09:41:32	1	09:41:32	12	
Start of Green	09:33:26	3	09:33:26	0	3	09:33:38	3	09:33:38	20	1	09:42:49	4	09:42:49	15	0
Start of Red	09:33:36	6	09:33:36	35		09:34:38	3	09:34:38	14		09:43:08	0	09:43:08	2	
Start of Green	09:35:03	4	09:35:03	15	13	09:35:15	20	09:35:15	31	5	09:44:23	7	09:44:23	23	0
Start of Red	09:35:13	23	09:35:13	32		09:36:15	8	09:36:15	10		09:44:40	1	09:44:40	4	
Start of Green	09:36:40	4	09:36:40	0	3	09:36:52	15	09:36:52	44	0	09:45:59	4	09:45:59	7	2
Start of Red	09:36:50	16	09:36:50	56		09:37:52	11	09:37:52	8		09:46:14	0	09:46:14	0	
Start of Green	09:38:16	7	09:38:16	0	5	09:38:28	12	09:38:28	44	1	09:47:35	0	09:47:35	17	0
Start of Red	09:38:26	12	09:38:26	45		09:39:28	0	09:39:28	0		09:47:54	4	09:47:54	4	
Start of Green	09:39:48	2	09:39:48	0	1	09:40:00	13	09:40:00	33	2	09:49:13	5	09:49:13	26	0
Start of Red	09:39:58	15	09:39:58	34		09:41:08	7	09:41:08	13		09:49:29	0	09:49:29	9	
Start of Green	09:41:32	3	09:41:32	0	5	09:41:44	11	09:41:44	17	1	09:50:46	5	09:50:46	17	0
Start of Red	09:41:42	13	09:41:42	29		09:42:42	3	09:42:42	6		09:51:05	0	09:51:05	6	
Start of Green	09:43:02	7	09:43:02	3	2	09:43:14	9	09:43:14	37	4	09:52:22	1	09:52:22	13	0
Start of Red	09:43:12	3	09:43:12	39		09:44:12	6	09:44:12	18		09:52:41	0	09:52:41	15	
Start of Green	09:44:42	5	09:44:42	10	1	09:44:54	5	09:44:54	16	0	09:54:00	2	09:54:00	22	1
Start of Red	09:44:52	5	09:44:52	31		09:45:47	6	09:45:47	9		09:54:17	0	09:54:17	0	
Start of Green	09:46:21	7	09:46:21	7	0	09:46:33	3	09:46:33	21	0	09:55:34	3	09:55:34	15	0
Start of Red	09:46:31	5	09:46:31	20		09:47:26	9	09:47:26	9		09:55:53	1	09:55:53	5	
Start of Green	09:47:55	5	09:47:55	9	3	09:48:07	6	09:48:07	29	0	09:57:10	1	09:57:10	22	0
Start of Red	09:48:05	6	09:48:05	32		09:49:02	3	09:49:02	6		09:57:29	3	09:57:29	7	
Start of Green	09:49:30	4	09:49:30	9	2	09:49:42	5	09:49:42	68	0	09:58:47	4	09:58:47	5	0
Start of Red	09:49:40	4	09:49:40	45		09:50:37	7	09:50:37	20		09:59:06	3	09:59:06	0	
Start of Green	09:51:07	5	09:51:07	22	3	09:51:19	6	09:51:19	19	0					
Start of Red	09:51:17	10	09:51:17	12		09:52:12	18	09:52:12	22						
Start of Green	09:52:42	5	09:52:42	18	0	09:52:54	6	09:52:54	20	0					
Start of Red	09:52:52	7	09:52:52	16		09:53:48	14	09:53:48	14						
Start of Green	09:54:18	15	09:54:18	8	2	09:54:30	8	09:54:30	18	0					
Start of Red	09:54:28	8	09:54:28	29		09:55:24	7	09:55:24	10						
Start of Green	09:55:54	5	09:55:54	6	0	09:56:06	3	09:56:06	21	0					
Start of Red	09:56:04	5	09:56:04	26		09:57:01	0	09:57:01	0						
Start of Green	09:57:29	4	09:57:29	2	1	09:57:41	8	09:57:41	30	0					
Start of Red	09:57:39	2	09:57:39	16		09:58:36	4	09:58:36	1						
Start of Green	09:59:05	9	09:59:05	30	6	09:59:17	7	09:59:17	16	0					
Start of Red	09:59:15	0	09:59:15	0		10:00:10	1	10:00:10	0						

a B												
B3		B4		Number of people waiting on Island 2 at start of green (B3)	C1		C2		Arm C Number of people waiting on Island 3 at start of green (C1)	C3		C4	
Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count
07:00:26	0	07:00:26	0	0	06:59:21	1	06:59:21	2	0	06:59:21	1	06:59:21	2
07:00:51	0	07:00:51	0	1	07:00:12	1	07:00:12	3	1	07:00:12	1	07:00:12	4
07:02:00	1	07:02:00	2	1	07:00:57	0	07:00:57	6	0	07:00:57	0	07:00:57	5
07:02:27	0	07:02:27	0	0	07:01:55	0	07:01:55	5	0	07:01:55	0	07:01:55	1
07:03:35	4	07:03:35	1	0	07:02:33	0	07:02:33	2	0	07:02:33	0	07:02:33	1
07:04:02	0	07:04:02	0		07:03:30	0	07:03:30	1		07:03:30	0	07:03:30	1
07:05:11	0	07:05:11	3	0	07:04:09	1	07:04:09	1	0	07:04:09	1	07:04:09	1
07:05:38	0	07:05:38	0		07:05:05	1	07:05:05	1		07:05:05	1	07:05:05	2
07:06:48	1	07:06:48	5	0	07:05:44	1	07:05:44	8	0	07:05:44	1	07:05:44	7
07:07:14	0	07:07:14	0		07:06:42	0	07:06:42	4		07:06:42	0	07:06:42	4
07:08:23	2	07:08:23	2	0	07:07:21	1	07:07:21	2	0	07:07:21	1	07:07:21	2
07:08:50	2	07:08:50	0		07:08:17	1	07:08:17	1		07:08:17	0	07:08:17	1
07:09:59	1	07:09:59	6	0	07:08:56	1	07:08:56	0	0	07:08:56	2	07:08:56	0
07:10:27	0	07:10:27	0		07:09:53	0	07:09:53	2		07:09:53	0	07:09:53	2
07:11:36	1	07:11:36	9	0	07:10:32	0	07:10:32	2	0	07:10:32	0	07:10:32	2
07:12:07	0	07:12:07	0		07:11:29	0	07:11:29	3		07:11:29	0	07:11:29	1
07:13:09	2	07:13:09	4	0	07:12:12	0	07:12:12	3	0	07:12:12	0	07:12:12	2
07:13:38	0	07:13:38	0		07:13:04	0	07:13:04	0		07:13:04	0	07:13:04	0
07:14:47	0	07:14:47	4	0	07:13:43	0	07:13:43	3	0	07:13:43	0	07:13:43	4
07:15:14	0	07:15:14	0		07:14:40	0	07:14:40	1		07:14:40	0	07:14:40	0
07:16:23	0	07:16:23	6	0	07:15:19	1	07:15:19	1	0	07:15:19	1	07:15:19	1
07:16:49	0	07:16:49	0		07:16:16	1	07:16:16	4		07:16:16	0	07:16:16	4
07:17:58	1	07:17:58	9	0	07:16:56	1	07:16:56	4	0	07:16:56	2	07:16:56	4
07:18:24	0	07:18:24	1		07:17:52	1	07:17:52	3		07:17:52	1	07:17:52	5
07:19:34	2	07:19:34	3	0	07:18:31	2	07:18:31	6	0	07:18:31	1	07:18:31	4
07:20:02	0	07:20:02	0		07:19:28	0	07:19:28	1		07:19:28	1	07:19:28	2
07:21:11	1	07:21:11	4	1	07:20:08	2	07:20:08	2	0	07:20:08	2	07:20:08	1
07:21:37	0	07:21:37	2		07:21:06	0	07:21:06	2		07:21:06	0	07:21:06	2
07:22:47	1	07:22:47	4	0	07:21:44	1	07:21:44	2	0	07:21:44	0	07:21:44	2
07:23:14	0	07:23:14	2		07:22:43	0	07:22:43	2		07:22:43	0	07:22:43	2
07:24:24	2	07:24:24	4	0	07:23:21	0	07:23:21	6	0	07:23:21	0	07:23:21	5
07:24:50	0	07:24:50	1		07:24:20	0	07:24:20	1		07:24:20	0	07:24:20	2
07:26:00	7	07:26:00	15	4	07:24:57	0	07:24:57	3	0	07:24:57	0	07:24:57	2
07:26:26	0	07:26:26	0		07:25:54	2	07:25:54	2		07:25:54	2	07:25:54	2
07:27:36	2	07:27:36	13	0	07:26:33	0	07:26:33	4	0	07:26:33	0	07:26:33	4
07:28:02	0	07:28:02	0		07:27:30	0	07:27:30	3		07:27:30	0	07:27:30	4
07:29:12	2	07:29:12	7	1	07:28:10	0	07:28:10	5	0	07:28:10	0	07:28:10	4
07:29:38	0	07:29:38	0		07:29:07	0	07:29:07	1		07:29:07	0	07:29:07	1
07:30:48	2	07:30:48	2	1	07:29:45	0	07:29:45	4	0	07:29:45	0	07:29:45	6
07:31:15	0	07:31:15	2		07:30:41	0	07:30:41	4		07:30:41	0	07:30:41	2
07:32:22	4	07:32:22	13	4	07:31:22	0	07:31:22	6	0	07:31:22	0	07:31:22	6
07:32:51	3	07:32:51	0		07:32:18	0	07:32:18	1		07:32:18	0	07:32:18	6
07:33:58	0	07:33:58	7	1	07:32:58	0	07:32:58	11	0	07:32:58	0	07:32:58	6
07:34:26	0	07:34:26	0		07:33:53	0	07:33:53	3		07:33:53	0	07:33:53	3
07:35:33	1	07:35:33	4	0	07:34:32	4	07:34:32	4	0	07:34:32	4	07:34:32	4
07:36:00	0	07:36:00	2		07:35:29	1	07:35:29	6		07:35:29	1	07:35:29	6
07:37:06	2	07:37:06	2	1	07:36:07	0	07:36:07	2	0	07:36:07	0	07:36:07	2
07:37:40	0	07:37:40	0		07:37:02	0	07:37:02	1		07:37:02	0	07:37:02	1
07:38:48	4	07:38:48	10	1	07:37:47	5	07:37:47	2	0	07:37:47	5	07:37:47	2
07:39:21	0	07:39:21	0		07:38:43	0	07:38:43	5		07:38:43	0	07:38:43	5
07:40:25	1	07:40:25	9	6	07:39:27	3	07:39:27	1	0	07:39:27	2	07:39:27	1
07:40:51	0	07:40:51	0		07:40:19	0	07:40:19	4		07:40:19	2	07:40:19	4
07:42:00	7	07:42:00	21	5	07:40:58	1	07:40:58	2	0	07:40:58	1	07:40:58	1
07:42:29	0	07:42:29	1		07:41:56	1	07:41:56	3		07:41:56	0	07:41:56	4
07:43:34	0	07:43:34	18	3	07:42:34	2	07:42:34	1	0	07:42:34	1	07:42:34	6
07:44:01	0	07:44:01	0		07:43:29	0	07:43:29	4		07:43:29	0	07:43:29	4
07:45:11	1	07:45:11	7	0	07:44:09	0	07:44:09	5	0	07:44:09	0	07:44:09	4
07:45:39	0	07:45:39	0		07:45:05	0	07:45:05	5		07:45:05	0	07:45:05	6
07:46:50	6	07:46:50	4	0	07:45:45	1	07:45:45	5	0	07:45:45	1	07:45:45	4
07:47:19	1	07:47:19	1		07:46:46	0	07:46:46	4		07:46:46	0	07:46:46	4
07:48:28	3	07:48:28	5	3	07:47:26	4	07:47:26	3	0	07:47:26	4	07:47:26	3
07:49:00	0	07:49:00	0		07:48:22	2	07:48:22	5		07:48:22	2	07:48:22	5
07:50:01	3	07:50:01	5	0	07:49:06	4	07:49:06	3	0	07:49:06	4	07:49:06	3
07:50:30	0	07:50:30	0		07:49:56	3	07:49:56	3		07:49:56	3	07:49:56	3
07:51:38	4	07:51:38	14	0	07:50:37	4	07:50:37	3	0	07:50:37	2	07:50:37	3
07:52:05	0	07:52:05	1		07:51:32	0	07:51:32	3		07:51:32	2	07:51:32	3
07:53:12	1	07:53:12	7	2	07:52:13	0	07:52:13	6	0	07:52:13	0	07:52:13	7
07:53:41	0	07:53:41	0		07:53:07	0	07:53:07	4		07:53:07	0	07:53:07	3
07:54:50	2	07:54:50	9	3	07:53:48	2	07:53:48	3	0	07:53:48	2	07:53:48	3
07:55:18	1	07:55:18	1		07:54:46	0	07:54:46	6		07:54:46	0	07:54:46	7
07:56:24	5	07:56:24	12	2	07:55:25	1	07:55:25	3	0	07:55:25	1	07:55:25	2
07:56:53	0	07:56:53	0		07:56:20	1	07:56:20	5		07:56:20	1	07:56:20	5
07:57:57	6	07:57:57	14	0	07:56:59	1	07:56:59	5	0	07:56:59	1	07:56:59	5
07:58:33	0	07:58:33	1		07:57:52	1	07:57:52	8		07:57:52	1	07:57:52	8
07:59:33	3	07:59:33	14	6	07:58:39	3	07:58:39	12	0	07:58:39	3	07:58:39	12
08:00:08	0	08:00:08	4		07:59:25	0	07:59:25	10		07:59:25	0	07:59:25	10
08:01:10	1	08:01:10	17	3	08:00:15	1	08:00:15	1	0	08:00:15	1	08:00:15	1
08:01:45	1	08:01:45	1		08:01:05	0	08:01:05	3		08:01:05	0	08:01:05	8
08:02:50	5	08:02:50	21	2	08:01:51	1	08:01:51	9	0	08:01:51	1	08:01:51	4
08:03:25	1	08:03:25	0		08:02:45	3	08:02:45	2		08:02:45	1	08:02:45	12
08:04:26	4	08:04:26	24	4	08:03:31	4	08:03:31	12	0	08:03:31	6	08:03:31	2
08:05:00	0	08:05:00	0		08:04:20	0	08:04:20	5		08:04:20	0	08:04:20	16
08:06:03	5	08:06:01	9	3	08:05:08	2	08:05:08	18	0	08:05:08	2	08:05:08	7
08:06:37	0	08:06:37	0		08:06:00	3	08:06:00	1	0	08:06:00	2	08:06:00	5
08:07:41	3	08:07:41	14	3	08:06:45	5	08:06:45	15	0	08:06:45	6	08:06:45	10
08:08:15	1	08:08:15	1		08:07:36	3	08:07:36	9		08:07:36	5	08:07:36	9
08:09:18	1	08:09:18	20	5	08:08:22	3	08:08:22	2	0	08:08:22	3	08:08:22	3
08:09:46	0	08:09:46	0		08:09:13	1	08:09:13	5	0	08:09:13	1	08:09:13	10
08:10:52	1	08:10:52	18	3	08:09:53	5	08:09:53	16	0	08:09:53	4	08:09:53	11
08:11:28	0	08:11:28	0		08:10:48	4	08:10:48	4		08:10:48	5	08:10:48	8
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08:17:46	0	08:17:46	0		08:17:12	0	08:17:12	12		08:17:12	1	08:17:12	15
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08:20:58	0	08:20:58	2		08:20:22	0	08:20:22	4		08:20:22	1	08:20:22	4
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08:24:12	0	08:24:12	1		08:23:35	5	08:23:35	7		08:23:35	5	08:23:35	9
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08:25:48	0	08:25:48	3		08:25:15	0	08:25:15	7		08:25:15	0	08:25:15	8
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08:28:57	0	08:28:57	1		08:28:25	4	08:28:25	9		08:28:25	3	08:28:25	9
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08:30:39	0	08:30:39	4		08:30:07	0	08:30:07	3		08:30:07	0	08:30:07	3

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08:32:10	0	08:32:19	2		08:31:42	4	08:31:42	8		08:31:42	4	08:31:42	8
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08:33:57	0	08:33:57	0		08:33:21	1	08:33:21	8		08:33:21	1	08:33:21	9
08:34:58	2	08:34:58	19	0	08:34:04	1	08:34:04	12	0	08:34:04	1	08:34:04	11
08:35:28	0	08:35:28	0		08:34:53	0	08:34:53	10		08:34:53	0	08:34:53	10
08:36:30	2	08:36:30	31	7	08:35:36	3	08:35:36	6	0	08:35:36	3	08:35:36	6
08:37:05	0	08:37:05	0		08:36:24	1	08:36:24	16		08:36:24	1	08:36:24	16
08:38:07	4	08:38:07	23	1	08:37:11	1	08:37:11	19	0	08:37:11	1	08:37:11	21
08:38:40	1	08:38:40	0		08:38:02	0	08:38:02	12		08:38:02	0	08:38:02	11
08:39:47	6	08:39:47	37	6	08:38:47	1	08:38:47	8	0	08:38:47	1	08:38:47	9
08:40:15	0	08:40:15	1		08:39:42	2	08:39:42	7		08:39:42	2	08:39:42	7
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08:41:47	0	08:41:47	5		08:41:11	3	08:41:11	3		08:41:11	2	08:41:11	9
08:42:57	0	08:42:57	27	3	08:41:53	4	08:41:53	15	0	08:41:53	3	08:41:53	10
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08:44:29	6	08:44:29	27	2	08:43:33	5	08:43:33	18	0	08:43:33	5	08:43:33	18
08:45:04	1	08:45:04	1		08:44:24	1	08:44:24	14		08:44:24	1	08:44:24	18
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08:46:40	0	08:46:40	0		08:46:00	2	08:46:00	4		08:46:00	2	08:46:00	10
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08:48:17	0	08:48:17	0		08:47:36	2	08:47:36	19		08:47:36	2	08:47:36	17
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08:49:54	0	08:49:54	1		08:49:42	2	08:49:42	2		08:49:42	2	08:49:42	7
08:50:54	1	08:50:54	30	4	08:49:59	5	08:49:59	16	0	08:49:59	5	08:49:59	10
08:51:25	0	08:51:25	0		08:50:48	1	08:50:48	3		08:50:48	1	08:50:48	2
08:52:33	13	08:52:33	49	5	08:51:31	4	08:51:31	16	0	08:51:31	4	08:51:31	17
08:53:05	0	08:53:05	2		08:52:28	2	08:52:28	3		08:52:28	2	08:52:28	6
08:54:06	10	08:54:06	39	13	08:53:11	3	08:53:11	21	0	08:53:11	3	08:53:11	21
08:54:37	0	08:54:37	0		08:54:00	1	08:54:00	15		08:54:00	1	08:54:00	11
08:55:46	5	08:55:46	18	4	08:54:43	2	08:54:43	8	0	08:54:43	2	08:54:43	9
08:56:18	0	08:56:18	0		08:55:41	2	08:55:41	13		08:55:41	1	08:55:41	11
08:57:23	4	08:57:23	42	5	08:56:24	4	08:56:24	14	0	08:56:24	5	08:56:24	14
08:57:54	0	08:57:54	2		08:57:18	6	08:57:18	8		08:57:18	6	08:57:18	15
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09:01:02	0	09:01:02	0		09:00:25	0	09:00:25	5		09:00:25	0	09:00:25	11
09:02:05	3	09:02:05	14	6	09:01:11	6	09:01:11	25	0	09:01:11	3	09:01:11	19
09:02:36	0	09:02:36	0		09:01:53	1	09:01:53	8		09:01:53	1	09:01:53	9
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09:04:13	2	09:04:13	7		09:03:40	2	09:03:40	2		09:03:40	2	09:03:40	10
09:05:20	3	09:05:20	23	0	09:04:19	2	09:04:19	17	0	09:04:19	2	09:04:19	16
09:05:53	0	09:05:53	6		09:05:17	1	09:05:17	7		09:05:17	1	09:05:17	11
09:06:58	1	09:06:58	27	8	09:05:59	5	09:05:59	20	0	09:05:59	5	09:05:59	16
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09:08:32	8	09:08:32	19	0	09:07:39	5	09:07:39	8	0	09:07:39	5	09:07:39	6
09:09:04	0	09:09:04	1		09:08:27	2	09:08:27	8		09:08:27	2	09:08:27	9
09:10:07	8	09:10:07	24	2	09:09:12	3	09:09:12	16	0	09:09:12	3	09:09:12	16
09:10:40	0	09:10:40	0		09:09:56	2	09:09:56	0	0	09:09:56	0	09:09:56	0
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09:13:16	1	09:13:16	24	0	09:11:32	1	09:11:32	13	0	09:11:32	1	09:11:32	11
09:13:48	0	09:13:48	1		09:12:17	4	09:12:17	9	0	09:12:17	2	09:12:17	9
09:14:48	5	09:14:48	24	0	09:13:10	5	09:13:10	2	0	09:13:10	0	09:13:10	4
09:15:24	1	09:15:24	4		09:13:54	1	09:13:54	22	0	09:13:54	3	09:13:54	18
09:16:24	3	09:16:24	21	4	09:14:43	0	09:14:43	1	0	09:14:43	1	09:14:43	0
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09:18:00	6	09:18:00	20	0	09:16:20	1	09:16:20	9	0	09:16:20	1	09:16:20	9
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09:19:36	7	09:19:36	22	0	09:17:56	0	09:17:56	2	0	09:17:56	0	09:17:56	4
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09:24:57	0	09:24:57	0		09:25:58	4	09:25:58	21	0	09:25:58	4	09:25:58	21
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09:26:23	0	09:26:23	0		09:28:16	3	09:28:16	19	0	09:28:16	4	09:28:16	16
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09:29:48	0	09:29:48	0		09:31:32	1	09:31:32	14	0	09:31:32	1	09:31:32	7
09:30:52	2	09:30:52	20	2	09:32:21	2	09:32:21	6	0	09:32:21	2	09:32:21	9
09:31:24	0	09:31:24	0		09:33:07	2	09:33:07	9	0	09:33:07	2	09:33:07	7
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09:33:00	0	09:33:00	0		09:35:33	1	09:35:33	4	0	09:35:33	1	09:35:33	13
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09:41:05	0	09:41:05	0		09:43:33	1	09:43:33	10	0	09:43:33	0	09:43:33	13
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09:44:13	0	09:44:13	7		09:46:50	3	09:46:50	4	0	09:46:50	5	09:46:50	4
09:45:14	2	09:45:14	13	5	09:47:31	4	09:47:31	19	0	09:47:31	4	09:47:31	17
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09:47:25	0	09:47:25	2		09:49:58	1	09:49:58	10	0	09:49:58	1	09:49:58	13
09:48:25	5	09:48:25	26	2	09:50:45	5	09:50:45	5	0	09:50:45	5	09:50:45	0
09:49:02	0	09:49:02	10		09:51:33	2	09:51:33	7	0	09:51:33	2	09:51:33	7
09:50:02	6	09:50:02	24	0	09:52:20	2	09:52:20	5	0	09:52:20	2	09:52:20	7
09:50:37	0	09:50:37	0		09:53:10	4	09:53:10	6	0	09:53:10	4	09:53:10	8
09:51:38	2	09:51:38	22	2	09:53:56	2	09:53:56	10	0	09:53:56	2	09:53:56	6
09:52:13	0	09:52:13	0		09:54:46	1	09:54:46	5	0	09:54:46	1	09:54:46	5
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09:53:49	0	09:53:49	0		09:56:22	3	09:56:22	0	0	09:56:22	4	09:56:22	6
09:54:50	4	09:54:50	16	0	09:57:08	2	09:57:08	13	0	09:57:08	2	09:57:08	7
09:55:25	0	09:55:25	0		09:57:57	4	09:57:57	1	0	09:57:57	4	09:57:57	1
09:56:26	4	09:56:26	28	6	09:58:44	5	09:58:44	7	0	09:58:44	5	09:58:44	8
09:57:01	0	09:57:01	0		09:59:32	3	09:59:32	8	0	09:59:32	1	09:59:32	7
09:58:02	7	09:58:02	12	0									
09:58:37	0	09:58:37	0										
09:59:38	5	09:59:38	23	0									

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: 3301981
Junction Name: Euston Road / Melton Street / Gordon Street

intelligentdata

																16:00 - 19:00 Signalised Crossings	
					Arm A												Arr
	A1		A2			A3		A4			B1		B2				
	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	Number of people waiting on Island 1 at start of green (A1)	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	Number of people waiting on Island 1 at start of green (A3)	Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count	Number of people waiting on Island 2 at start of green (B1)		
Start of Green					0	15:59:15	17	15:59:15	13	0	16:00:18	7	16:00:18	3	0		
Start of Red	15:59:13	8	15:59:13	4		16:00:07	10	16:00:07	9		16:00:36	4	16:00:36	6			
Start of Green	16:00:39	23	16:00:39	18	11	16:00:51	20	16:00:51	22	6	16:01:53	17	16:01:53	1	0		
Start of Red	16:00:49	5	16:00:49	11		16:01:43	9	16:01:43	9		16:02:12	3	16:02:12	1			
Start of Green	16:02:15	23	16:02:15	16	10	16:02:27	23	16:02:27	10	3	16:03:30	8	16:03:30	7	0		
Start of Red	16:02:25	3	16:02:25	3		16:03:20	12	16:03:20	4		16:03:49	2	16:03:49	2			
Start of Green	16:03:50	21	16:03:50	14	3	16:04:02	11	16:04:02	8	0	16:05:05	22	16:05:05	7	4		
Start of Red	16:04:00	9	16:04:00	1		16:04:55	15	16:04:55	7		16:05:24	0	16:05:24	1			
Start of Green	16:05:26	26	16:05:26	15	6	16:05:38	31	16:05:38	14	3	16:06:45	13	16:06:45	2	2		
Start of Red	16:05:36	15	16:05:36	7		16:06:33	11	16:06:33	1		16:07:02	3	16:07:02	7			
Start of Green	16:07:05	22	16:07:05	8	5	16:07:17	24	16:07:17	8	0	16:08:18	11	16:08:18	11	1		
Start of Red	16:07:15	12	16:07:15	1		16:08:07	14	16:08:07	4		16:08:38	11	16:08:38	0			
Start of Green	16:08:39	20	16:08:39	12	9	16:08:51	20	16:08:51	8	0	16:09:54	7	16:09:54	3	1		
Start of Red	16:08:49	18	16:08:49	0		16:09:42	22	16:09:42	8		16:10:12	3	16:10:12	2			
Start of Green	16:10:14	40	16:10:14	12	0	16:10:26	37	16:10:26	6	0	16:11:34	3	16:11:34	10	1		
Start of Red	16:10:24	8	16:10:24	2		16:11:24	15	16:11:24	3		16:11:52	0	16:11:52	1			
Start of Green	16:11:55	25	16:11:55	6	4	16:12:07	16	16:12:07	8	0	16:13:10	18	16:13:10	14	6		
Start of Red	16:12:05	16	16:12:05	6		16:12:58	12	16:12:58	8		16:13:29	1	16:13:29	2			
Start of Green	16:13:31	16	16:13:31	15	8	16:13:43	18	16:13:43	17	3	16:14:48	16	16:14:48	15	1		
Start of Red	16:13:41	16	16:13:41	10		16:14:36	9	16:14:36	8		16:15:05	3	16:15:05	0			
Start of Green	16:15:08	16	16:15:08	23	14	16:15:20	27	16:15:20	18	0	16:16:23	8	16:16:23	5	2		
Start of Red	16:15:18	9	16:15:18	2		16:16:12	17	16:16:12	13		16:16:41	3	16:16:41	3			
Start of Green	16:16:43	33	16:16:43	25	3	16:16:55	24	16:16:55	19	0	16:17:59	9	16:17:59	5	1		
Start of Red	16:16:53	18	16:16:53	6		16:17:48	8	16:17:48	7		16:18:17	1	16:18:17	0			
Start of Green	16:18:19	31	16:18:19	26	7	16:18:31	39	16:18:31	22	0	16:19:35	6	16:19:35	8	2		
Start of Red	16:18:29	11	16:18:29	7		16:19:23	0	16:19:23	1		16:19:53	1	16:19:53	1			
Start of Green	16:19:56	29	16:19:56	19	7	16:20:08	42	16:20:08	20	27	16:21:12	19	16:21:12	3	10		
Start of Red	16:20:06	19	16:20:06	4		16:21:00	17	16:21:00	13		16:21:29	1	16:21:29	2			
Start of Green	16:21:31	17	16:21:31	16	12	16:21:43	19	16:21:43	10	0	16:22:46	15	16:22:46	6	2		
Start of Red	16:21:41	2	16:21:41	19		16:22:36	14	16:22:36	2		16:23:05	0	16:23:05	0			
Start of Green	16:23:07	14	16:23:07	33	11	16:23:19	56	16:23:19	22	9	16:24:27	17	16:24:27	17	9		
Start of Red	16:23:17	21	16:23:17	10		16:24:16	6	16:24:16	8		16:24:44	5	16:24:44	3			
Start of Green	16:24:47	19	16:24:47	18	16	16:24:59	26	16:24:59	18	5	16:24:33	16	16:24:33	19	9		
Start of Red	16:24:57	32	16:24:57	9		16:25:52	24	16:25:52	4		16:24:44	5	16:24:44	3			
Start of Green	16:26:24	43	16:26:24	14	5	16:26:36	58	16:26:36	16	0	16:26:02	12	16:26:02	4	5		
Start of Red	16:26:34	30	16:26:34	3		16:27:28	16	16:27:28	7		16:26:21	5	16:26:21	0			
Start of Green	16:28:00	21	16:28:00	12	15	16:28:12	24	16:28:12	23	0	16:27:39	15	16:27:39	3	0		
Start of Red	16:28:10	12	16:28:10	15		16:29:04	10	16:29:04	2		16:27:58	3	16:27:58	4			
Start of Green	16:29:35	17	16:29:35	16	8	16:29:47	16	16:29:47	18	5	16:29:15	25	16:29:15	8	16		
Start of Red	16:29:45	3	16:29:45	8		16:30:40	12	16:30:40	8		16:29:33	4	16:29:33	1			
Start of Green	16:31:11	34	16:31:11	11	2	16:31:23	38	16:31:23	8	0	16:30:51	7	16:30:51	8	1		
Start of Red	16:31:21	31	16:31:21	5		16:32:15	20	16:32:15	13		16:31:09	0	16:31:09	0			
Start of Green	16:32:47	18	16:32:47	19	8	16:32:59	23	16:32:59	14	0	16:32:27	14	16:32:27	9	2		
Start of Red	16:32:57	11	16:32:57	9		16:33:52	15	16:33:52	5		16:32:45	7	16:32:45	3			
Start of Green	16:34:23	37	16:34:23	13	4	16:34:35	37	16:34:35	17	0	16:34:02	16	16:34:02	2	5		
Start of Red	16:34:33	14	16:34:33	7		16:35:28	3	16:35:28	0		16:34:21	1	16:34:21	0			
Start of Green	16:35:59	35	16:35:59	8	4	16:36:11	38	16:36:11	11	8	16:35:39	14	16:35:39	5	3		
Start of Red	16:36:09	4	16:36:09	3		16:37:04	10	16:37:04	5		16:35:57	0	16:35:57	0			
Start of Green	16:37:35	28	16:37:35	11	1	16:37:47	27	16:37:47	9	0	16:37:15	14	16:37:15	5	3		
Start of Red	16:37:45	24	16:37:45	4		16:38:39	16	16:38:39	4		16:37:32	5	16:37:32	2			
Start of Green	16:39:11	25	16:39:11	13	6	16:39:23	30	16:39:23	13	0	16:38:50	13	16:38:50	8	2		
Start of Red	16:39:21	19	16:39:21	4		16:40:16	22	16:40:16	10		16:39:08	1	16:39:08	1			
Start of Green	16:40:48	19	16:40:48	16	5	16:41:00	16	16:41:00	9	0	16:40:26	22	16:40:26	9	6		
Start of Red	16:40:58	36	16:40:58	3		16:41:52	43	16:41:52	7		16:40:45	3	16:40:45	1			
Start of Green	16:42:34	30	16:42:34	11	15	16:42:36	36	16:42:36	15	0	16:41:59	12	16:41:59	3	2		
Start of Red	16:42:34	21	16:42:34	9		16:43:28	10	16:43:28	1		16:42:26	0	16:42:26	1			
Start of Green	16:43:59	32	16:43:59	9	10	16:44:11	39	16:44:11	20	11	16:43:39	10	16:43:39	2	4		
Start of Red	16:44:09	18	16:44:09	9		16:45:04	23	16:45:04	7		16:43:58	0	16:43:58	0			
Start of Green	16:45:36	16	16:45:36	12	3	16:45:48	19	16:45:48	11	0	16:45:15	20	16:45:15	4	4		
Start of Red	16:45:46	16	16:45:46	9		16:46:40	5	16:46:40	4		16:45:33	7	16:45:33	1			
Start of Green	16:47:11	25	16:47:11	9	8	16:47:23	33	16:47:23	10	10	16:46:51	10	16:46:51	8	2		
Start of Red	16:47:21	15	16:47:21	1		16:48:16	21	16:48:16	4		16:47:09	0	16:47:09	2			
Start of Green	16:48:47	22	16:48:47	14	3	16:48:59	17	16:48:59	13	0	16:48:27	14	16:48:27	1	6		
Start of Red	16:48:57	21	16:48:57	5		16:49:52	26	16:49:52	14		16:48:45	1	16:48:45	0			
Start of Green	16:50:23	26	16:50:23	19	1	16:50:35	30	16:50:35	15	0	16:50:02	12	16:50:02	9	2		
Start of Red	16:50:33	30	16:50:33	10		16:51:28	28	16:51:28	5		16:50:23	0	16:50:23	0			
Start of Green	16:51:59	22	16:51:59	6	6	16:52:11	20	16:52:11	9	0	16:51:38	15	16:51:38	6	4		
Start of Red	16:52:09	13	16:52:09	4		16:53:04	9	16:53:04	6		16:51:58	4	16:51:58	2			
Start of Green	16:53:33	37	16:53:33	22	2	16:53:45	41	16:53:45	20	4	16:53:15	21	16:53:15	4	3		
Start of Red	16:53:43	17	16:53:43	5		16:54:38	12	16:54:38	8		16:53:32	0	16:53:32	0			
Start of Green	16:55:09	29	16:55:09	15	11	16:55:21	31	16:55:21	12	0	16:54:49	11	16:54:49	9	1		
Start of Red	16:55:19	19	16:55:19	4		16:56:18	9	16:56:18	4		16:55:06	6	16:55:06	0			
Start of Green	16:56:49	27	16:56:49	12	18	16:57:01	55	16:57:01	11	18	16:56:28	15	16:56:28	6	2		
Start of Red	16:56:59	5	16:56:59	2		16:57:53	17	16:57:53	8		16:56:47	2	16:56:47	0			
Start of Green	16:58:25	31	16:58:25	13	0	16:58:37	22	16:58:37	11	0	16:58:05	23	16:58:05	6	8		
Start of Red	16:58:35	21	16:58:35	6		16:59:29	20	16:59:29	0		16:58:22	3	16:58:22	1			
Start of Green	17:00:01	24	17:00:01	12	7	17:00:13	30	17:00:13	15	9	16:59:41	12	16:59:41	7	0		
Start of Red	17:00:11	23	17:00:11	3		17:01:05	16	17:01:05	10		16:59:59	0	16:59:59	6			
Start of Green	17:01:37	22	17:01:37	22	15	17:01:49	31	17:01:49	21	0	17:01:16	21	17:01:16	3	6		
Start of Red	17:01:47	18	17:01:47	6		17:02:41	15	17:02:41	6		17:01:34	0	17:01:34	0			
Start of Green	17:03:13	29	17:03:13	12	5	17:03:25	31	17:03:25	15	0	17:02:54	35	17:02:54	15	10		
Start of Red	17:03:23	18	17:03:23	6		17:04:16	7	17:04:16	1		17:03:11	2	17:03:11	5			
Start of Green	17:04:48	39	17:04:48	20	4	17:05:00	44	17:05:00	24	0	17:04:27	27	17:04:27	3	5		
Start of Red	17:04:58	11	17:04:58	6		17:05:53	4	17:05:53	1		17:04:46	1	17:04:46	5			
Start of Green	17:06:24	27	17:06:24	15	4	17:06:36	37	17:06:36	23	15	17:06:03	22	17:06:03	9	0		
Start of Red	17:06:34	17	17:06:34	5		17:07:32	30	17:07:32	6		17:06:22	0	17:06:22	0			
Start of Green	17:08:03	49	17:08:03	16	10	17:08:15	37	17:08:15	7	0	17:07:43	16	17:07:43	8	10		
Start of Red	17:08:13	13	17:08:13	2		17:09:06	6	17:09:06	6		17:08:00	0	17:08:00	0			
Start of Green	17:09:38	29	17:09:38	19	3	17:09:50	35	17:09:50	26	6	17:09:18	37	17:09:18	7	21		
Start of Red	17:09:48	10	17:09:48	12		17:10:44	0	17:10:44	1		17:09:35	1	17:09:35	0			
Start of Green	17:11:16	14	17:11:16	0	0	17:11:28	48	17:11:28	15	9	17:10:57	23	17:10:57	4	3		
Start of Red	17:11:26	58	17:11:26	17		17:12:22	13	17:12:22	0		17:11:13	3	17:11:13	1			
Start of Green	17:12:54	13	17:12:54	0	0	17:13:06	54	17:13:06	29	18	17:12:34	27	17:12:34	6	2		
Start of Red	17:13:04	34	17:13:04	31		17:13:59	9	17:13:59	3		17:12:51	3	17:12:51	0			
Start of Green	17:14:30	41	17:14:30	3	3	17:14:42	57	17:14:42	33	0	17:14:09	21	17:14:09	13	4		
Start of Red	17:14:40	24	17:14:40	35		17:15:35	8	17:15:35	6		17:14:27	0	17:14:27	2			
Start of Green	17:16:06	24	17:16:06	4	0	17:16:18	42	17:16:18	8	5	17:15:37	30	17:15:37	16	20		
Start of Red	17:16:16	43	17:16:16	9		17:17:08	8	17:17:08	3		17:16:04	1	17:16:04	0			
Start of Green	17:17:40	1	17:17:40	0	0	17:17:52	32	17:17:52	12	11	17:17:20	21	17:17:20	7	7		
Start of Red	17:17:50	34	17:17:50	15		17:18:45	8	17:18:45	3		17:17:38	0	17:17:38	1			
Start of Green	17:19:16	47	17:19:16	2	2	17:19:28	78	17:19:28	22	33	17:18:57	21	17:18:57	6	12		
Start of Red	17:19:26	73	17:19:26	24		17:20:20	18	17:20:20	1		17:19:14	0	17:19:14	0			
Start of Green	17:20:52	13	17:20:52	0	0	17:21:04	60	17:21:04	31	0	17:20:33	2	17:20:33	2	0		
Start of Red	17:21:02	58	17:21:02	40		17:21:56	21	17:21:56	10		17:20:50	0	17:20:50	0			
Start of Green	17:22:27	15	17:22:27	6	4	17:22:39	55	17:22:39	12	0	17:22:06	40	17:22:06	14	29		
Start of Red	17:22:37	89	17:22:37	18		17:23:31	37	17:23:31	18		17:22:26	0	17:22:26	3			
Start of Green	17:24:03	4	17:24:03	8	0	17:24:15	49	17:24:15	14	3	17:23:42	18	17:23:42	3	0		
Start of Red	17:24:13	57	17:24:13	17		17:25:07	9	17:25:07	3		17:24:00	2	17:24:00	0			
Start of Green	17:25:39	11	17:25:39	0	0	17:25:51	54	17:25:51	26	0	17:25:18	25	17:25:18	10	14		
Start of Red	17:25:49	65	17:25:49	28		17:26:53	5	17:26:53	1		17:25:37	0	17:25:37	1			
Start of Green	17:27:22	20	17:27:22	0	0	17:27:34	60	17:27:34	50	5	17:27:05	27	17:27:05	4	8		
Start of Red	17:27:32	45	17:27:32	61		17:28:39	8	17:28:39	13		17:27:23	4	17:27:23	0			
Start of Green	17:29:11	22	17:29:11	3	0	17:29:23	61	17:29:23	25	20	17:28:53	21	17:28:53	12	5		
Start of Red	17:29:21	55	17:29:21	30		17:30:32	1	17:30:32	1		17:29:08	4	17:29:08	1			

Start of Green	17:31:03	10	17:31:03	1	0	17:31:15	83	17:31:15	30	8	17:30:43	25	17:30:43	2	10	
Start of Red	17:31:13	66	17:31:13	27		17:32:23	8	17:32:23	2		17:31:00	7	17:31:00	6		
Start of Green	17:32:55	13	17:32:55	2	2	17:33:07	55	17:33:07	30	0	17:32:34	18	17:32:34	6	0	
Start of Red	17:33:05	68	17:33:05	31		17:34:16	10	17:34:16	2		17:32:54	5	17:32:54	0		
Start of Green	17:34:48	8	17:34:48	0	0	17:35:00	57	17:35:00	31	0	17:34:26	32	17:34:26	10	7	
Start of Red	17:34:58	40	17:34:58	30		17:36:07	9	17:36:07	1		17:34:45	4	17:34:45	5		
Start of Green	17:36:40	29	17:36:40	0	0	17:36:52	56	17:36:52	17	0	17:36:20	16	17:36:20	4	1	
Start of Red	17:36:50	38	17:36:50	19		17:38:00	4	17:38:00	0		17:36:37	3	17:36:37	1		
Start of Green	17:38:31	27	17:38:31	1	0	17:38:43	45	17:38:43	30	10	17:38:11	34	17:38:11	4	6	
Start of Red	17:38:41	58	17:38:41	32		17:39:51	44	17:39:51	14		17:38:28	0	17:38:28	5		
Start of Green	17:40:24	13	17:40:24	8	1	17:40:36	53	17:40:36	12	0	17:40:02	25	17:40:02	4	1	
Start of Red	17:40:34	71	17:40:34	19		17:42:44	41	17:41:44	6		17:40:21	5	17:40:21	0		
Start of Green	17:42:15	28	17:42:15	0	0	17:42:30	45	17:42:30	12	0	17:41:55	24	17:41:55	9	1	
Start of Red	17:42:25	54	17:42:25	20		17:43:35	10	17:43:35	3		17:42:12	0	17:42:12	0		
Start of Green	17:44:07	12	17:44:07	2	0	17:44:19	61	17:44:19	46	0	17:43:47	30	17:43:47	6	8	
Start of Red	17:44:17	60	17:44:17	48		17:45:27	11	17:45:27	5		17:44:05	3	17:44:05	2		
Start of Green	17:45:59	15	17:45:59	14	4	17:46:11	41	17:46:11	29	0	17:45:38	22	17:45:38	8	9	
Start of Red	17:46:09	43	17:46:09	34		17:47:19	39	17:47:19	15		17:45:56	2	17:45:56	9		
Start of Green	17:47:49	23	17:47:49	11	1	17:48:01	65	17:48:01	27	1	17:47:30	12	17:47:30	6	0	
Start of Red	17:47:59	75	17:47:59	27		17:49:12	20	17:49:12	10		17:47:48	8	17:47:48	1		
Start of Green	17:49:41	13	17:49:41	0	0	17:49:53	45	17:49:53	23	4	17:49:23	28	17:49:23	12	2	
Start of Red	17:49:51	56	17:49:51	39		17:51:07	40	17:51:07	9		17:49:46	4	17:49:46	1		
Start of Green	17:51:39	14	17:51:39	4	0	17:51:51	44	17:51:51	30	0	17:51:18	34	17:51:18	9	11	
Start of Red	17:51:49	45	17:51:49	41		17:52:59	14	17:52:59	4		17:51:37	9	17:51:37	1		
Start of Green	17:53:31	25	17:53:31	1	0	17:53:43	83	17:53:43	46	18	17:53:10	28	17:53:10	9	4	
Start of Red	17:53:41	83	17:53:41	45		17:54:51	18	17:54:51	6		17:53:29	4	17:53:29	0		
Start of Green	17:55:23	20	17:55:23	1	0	17:55:35	81	17:55:35	23	15	17:55:03	27	17:55:03	15	2	
Start of Red	17:55:33	82	17:55:33	24		17:56:43	23	17:56:43	5		17:55:23	2	17:55:23	1		
Start of Green	17:57:15	16	17:57:15	1	1	17:57:27	67	17:57:27	19	21	17:56:54	29	17:56:54	9	8	
Start of Red	17:57:25	43	17:57:25	27		17:58:35	4	17:58:35	2		17:57:13	0	17:57:13	0		
Start of Green	17:59:07	16	17:59:07	2	2	17:59:19	65	17:59:19	22	18	17:58:49	27	17:58:49	9	3	
Start of Red	17:59:17	67	17:59:17	22		18:00:28	15	18:00:28	4		17:59:00	1	17:59:00	0		
Start of Green	18:00:59	20	18:00:59	0	0	18:01:11	92	18:01:11	21	10	18:00:39	13	18:00:39	12	2	
Start of Red	18:01:09	80	18:01:09	26		18:02:19	10	18:01:19	4		18:00:56	4	18:00:56	0		
Start of Green	18:02:51	11	18:02:51	1	0	18:03:03	41	18:03:03	23	7	18:02:31	27	18:02:31	8	7	
Start of Red	18:03:01	35	18:03:01	27		18:04:11	36	18:04:11	7		18:02:49	5	18:02:49	10		
Start of Green	18:04:43	52	18:04:43	1	1	18:04:55	59	18:04:55	19	0	18:04:22	25	18:04:22	6	4	
Start of Red	18:04:53	40	18:04:53	26		18:06:03	26	18:06:03	7		18:04:40	2	18:04:40	2		
Start of Green	18:06:35	15	18:06:35	2	0	18:06:47	43	18:06:47	16	1	18:06:14	25	18:06:14	7	1	
Start of Red	18:06:45	46	18:06:45	23		18:07:55	7	18:07:55	8		18:06:33	4	18:06:33	1		
Start of Green	18:08:27	34	18:08:27	0	0	18:08:39	67	18:08:39	27	0	18:08:06	21	18:08:06	7	2	
Start of Red	18:08:37	59	18:08:37	32		18:09:47	17	18:09:47	6		18:08:25	0	18:08:25	4		
Start of Green	18:10:19	7	18:10:19	0	2	18:10:31	57	18:10:31	41	5	18:09:58	3	18:09:58	14	1	
Start of Red	18:10:29	52	18:10:29	44		18:11:39	15	18:11:39	6		18:10:17	6	18:10:17	2		
Start of Green	18:12:11	31	18:12:11	0	6	18:12:23	64	18:12:23	29	12	18:11:50	20	18:11:50	6	7	
Start of Red	18:12:21	46	18:12:21	30		18:13:31	8	18:13:31	4		18:12:10	2	18:12:10	1		
Start of Green	18:14:03	18	18:14:03	0	10	18:14:15	67	18:14:15	26	8	18:13:44	17	18:13:44	11	1	
Start of Red	18:14:13	54	18:14:13	28		18:15:23	2	18:15:23	12		18:14:01	5	18:14:01	3		
Start of Green	18:15:55	20	18:15:55	0	12	18:16:07	77	18:16:07	23	0	18:15:34	20	18:15:34	9	4	
Start of Red	18:16:05	43	18:16:05	35		18:17:21	22	18:17:21	7		18:15:53	10	18:15:53	7		
Start of Green	18:17:53	9	18:17:53	2	8	18:18:05	36	18:18:05	28	0	18:17:32	37	18:17:32	10	21	
Start of Red	18:18:03	46	18:18:03	40		18:19:13	24	18:19:13	14		18:17:52	0	18:17:52	0		
Start of Green	18:19:45	19	18:19:45	7	0	18:19:57	43	18:19:57	15	11	18:19:24	17	18:19:24	5	2	
Start of Red	18:19:55	33	18:19:55	18		18:21:05	22	18:21:05	19		18:19:43	1	18:19:43	0		
Start of Green	18:21:37	10	18:21:37	3	0	18:21:49	25	18:21:49	19	0	18:21:16	18	18:21:16	12	7	
Start of Red	18:21:47	23	18:21:47	33		18:22:57	13	18:22:57	17		18:21:34	9	18:21:34	0		
Start of Green	18:23:29	9	18:23:29	3	2	18:23:41	40	18:23:41	16	0	18:23:08	22	18:23:08	6	1	
Start of Red	18:23:39	43	18:23:39	27		18:24:49	22	18:24:49	11		18:23:27	5	18:23:27	1		
Start of Green	18:25:21	10	18:25:21	7	3	18:25:33	26	18:25:33	34	3	18:25:02	15	18:25:02	11	2	
Start of Red	18:25:31	25	18:25:31	35		18:26:47	14	18:26:47	28		18:25:19	5	18:25:19	0		
Start of Green	18:27:19	7	18:27:19	4	6	18:27:31	49	18:27:31	25	0	18:26:58	27	18:26:58	8	2	
Start of Red	18:27:29	51	18:27:29	48		18:28:39	16	18:28:39	14		18:27:17	3	18:27:17	0		
Start of Green	18:29:11	10	18:29:11	8	0	18:29:23	21	18:29:23	20	6	18:28:52	12	18:28:52	4	2	
Start of Red	18:29:21	26	18:29:21	24		18:30:31	11	18:30:31	4		18:29:08	0	18:29:08	8		
Start of Green	18:31:03	10	18:31:03	0	7	18:31:15	32	18:31:15	23	11	18:30:42	18	18:30:42	9	8	
Start of Red	18:31:13	26	18:31:13	24		18:32:23	3	18:32:23	4		18:31:00	3	18:31:00	0		
Start of Green	18:32:55	9	18:32:55	1	5	18:33:07	49	18:33:07	31	13	18:32:35	26	18:32:35	2	10	
Start of Red	18:33:05	52	18:33:05	33		18:34:21	17	18:34:21	1		18:32:54	2	18:32:54	0		
Start of Green	18:34:53	20	18:34:53	0	16	18:35:05	75	18:35:05	16	21	18:34:33	36	18:34:33	5	6	
Start of Red	18:35:03	82	18:35:03	18		18:36:19	43	18:36:19	6		18:34:51	3	18:34:51	0		
Start of Green	18:36:51	16	18:36:51	0	18	18:37:03	78	18:37:03	19	10	18:36:30	22	18:36:30	3	5	
Start of Red	18:37:01	71	18:37:01	30		18:38:13	31	18:38:13	5		18:36:48	3	18:36:48	0		
Start of Green	18:38:45	23	18:38:45	0	5	18:38:57	37	18:38:57	24	0	18:38:24	15	18:38:24	2	2	
Start of Red	18:38:55	30	18:38:55	26		18:40:05	8	18:40:05	7		18:38:42	2	18:38:42	0		
Start of Green	18:40:37	6	18:40:37	6	1	18:40:49	43	18:40:49	9	0	18:40:17	19	18:40:17	8	0	
Start of Red	18:40:47	40	18:40:47	9		18:41:58	10	18:41:58	7		18:40:34	3	18:40:34	1		
Start of Green	18:42:30	21	18:42:30	0	2	18:42:42	38	18:42:42	19	7	18:42:09	16	18:42:09	5	13	
Start of Red	18:42:40	27	18:42:40	28		18:43:49	9	18:43:49	6		18:42:27	0	18:42:27	0		
Start of Green	18:44:22	9	18:44:22	3	0	18:44:34	25	18:44:34	22	7	18:44:00	13	18:44:00	6	1	
Start of Red	18:44:32	33	18:44:32	32		18:45:42	10	18:45:42	5		18:44:19	4	18:44:19	0		
Start of Green	18:46:14	7	18:46:14	0	11	18:46:26	69	18:46:26	26	11	18:45:53	22	18:45:53	3	8	
Start of Red	18:46:24	67	18:46:24	30		18:47:34	24	18:47:34	8		18:46:12	1	18:46:12	0		
Start of Green	18:48:06	16	18:48:06	0	9	18:48:18	39	18:48:18	26	0	18:47:45	12	18:47:45	6	0	
Start of Red	18:48:16	38	18:48:16	35		18:49:26	21	18:49:26	11		18:48:03	0	18:48:03	0		
Start of Green	18:49:58	12	18:49:58	7	4	18:50:10	54	18:50:10	20	9	18:49:37	23	18:49:37	14	9	
Start of Red	18:50:08	45	18:50:08	21		18:51:17	12	18:51:17	7		18:49:57	4	18:49:57	2		
Start of Green	18:51:50	11	18:51:50	4	4	18:52:02	57	18:52:02	24	8	18:51:30	11	18:51:30	3	2	
Start of Red	18:52:00	68	18:52:00	27		18:53:10	35	18:53:10	7		18:51:48	1	18:51:48	0		
Start of Green	18:53:42	12	18:53:42	4	3	18:53:54	26	18:53:54	6	0	18:53:21	16	18:53:21	6	4	
Start of Red	18:53:52	40	18:53:52	8		18:55:01	12	18:55:01	8		18:53:41	2	18:53:41	2		
Start of Green	18:55:33	1	18:55:33	4	1	18:55:45	65	18:55:45	21	3	18:55:13	15	18:55:13	6	4	
Start of Red	18:55:43	65	18:55:43	25		18:56:53	26	18:56:53	3		18:55:31	3	18:55:31	0		
Start of Green	18:57:25	18	18:57:25	0	5	18:57:37	55	18:57:37	25	8	18:57:05	20	18:57:05	9	5	
Start of Red	18:57:35	62	18:57:35	31		18:58:46	24	18:58:46	0		18:57:23	2	18:57:23	0		
Start of Green	18:59:18	11	18:59:18	0	10	18:59:30	38	18:59:30	21	5	18:58:57	19	18:58:57	4	4	
Start of Red	18:59:28	48	18:59:28	22							18:59:15	3	18:59:15	1		

n B													
								Arm C					
B3		B4		Number of people waiting on Island 2 at start of green (B3)	C1		C2		Number of people waiting on Island 3 at start of green (C1)	C3		C4	
Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count		Time (hh:mm:ss)	Count	Time (hh:mm:ss)	Count
15:59:34	12	15:59:34	4	0	16:00:19	11	16:00:19	3	0	16:00:19	13	16:00:19	4
16:00:13	0	16:00:13	0		16:01:05	2	16:01:05	6		16:01:05	2	16:01:05	4
16:01:11	22	16:01:11	8	2	16:01:55	10	16:01:55	0	0	16:01:55	10	16:01:55	0
16:01:48	0	16:01:48	0		16:02:43	6	16:02:43	3	0	16:02:43	6	16:02:43	3
16:02:46	16	16:02:46	4	1	16:03:31	9	16:03:31	0	0	16:03:31	9	16:03:31	2
16:03:25	0	16:03:25	0		16:04:17	4	16:04:17	6		16:04:17	1	16:04:17	9
16:04:23	22	16:04:23	8	4	16:05:05	5	16:05:05	14	0	16:05:05	7	16:05:05	9
16:05:00	0	16:05:00	0		16:05:55	6	16:05:55	1		16:05:55	1	16:05:55	0
16:06:00	14	16:06:00	5	2	16:06:44	13	16:06:44	3	0	16:06:44	13	16:06:44	9
16:06:35	2	16:06:35	1		16:07:30	6	16:07:30	1		16:07:30	5	16:07:30	2
16:07:34	20	16:07:34	18	2	16:08:19	10	16:08:19	6	0	16:08:19	11	16:08:19	5
16:08:11	0	16:08:11	0		16:09:07	3	16:09:07	7		16:09:07	3	16:09:07	7
16:09:11	10	16:09:11	3	0	16:09:55	9	16:09:55	2	0	16:09:55	9	16:09:55	2
16:09:48	0	16:09:48	2		16:10:47	4	16:10:47	2		16:10:47	4	16:10:47	2
16:10:51	8	16:10:51	11	0	16:11:35	6	16:11:35	3	0	16:11:35	6	16:11:35	3
16:11:28	1	16:11:28	0		16:12:21	12	16:12:21	9		16:12:21	12	16:12:21	9
16:12:27	14	16:12:27	15	1	16:13:12	6	16:13:12	9	0	16:13:12	9	16:13:12	7
16:13:03	1	16:13:03	1		16:13:59	0	16:13:59	3		16:13:59	0	16:13:59	3
16:14:04	19	16:14:04	16	2	16:14:48	6	16:14:48	7	0	16:14:48	6	16:14:48	7
16:14:40	1	16:14:40	0		16:15:35	2	16:15:35	2		16:15:35	2	16:15:35	4
16:15:40	10	16:15:40	5	0	16:16:24	12	16:16:24	4	0	16:16:24	12	16:16:24	2
16:16:17	0	16:16:17	0		16:17:11	7	16:17:11	2		16:17:11	5	16:17:11	1
16:17:16	12	16:17:16	9	3	16:18:00	10	16:18:00	5	0	16:18:00	12	16:18:00	6
16:17:52	2	16:17:52	0		16:18:46	2	16:18:46	1		16:18:46	1	16:18:46	2
16:18:52	14	16:18:52	7	0	16:19:36	5	16:19:36	3	0	16:19:36	6	16:19:36	4
16:19:29	3	16:19:29	0		16:20:22	3	16:20:22	4		16:20:22	3	16:20:22	3
16:20:27	12	16:20:27	5	1	16:21:12	7	16:21:12	10	0	16:21:12	7	16:21:12	10
16:21:04	1	16:21:04	0		16:21:59	3	16:21:59	2		16:21:59	3	16:21:59	4
16:22:03	25	16:22:03	8	2	16:22:48	9	16:22:48	2	0	16:22:48	9	16:22:48	0
16:22:40	0	16:22:40	0		16:23:39	4	16:23:39	8		16:23:39	4	16:23:39	10
16:23:43	14	16:23:43	20	0	16:24:28	3	16:24:28	9	0	16:24:28	3	16:24:28	9
16:24:20	2	16:24:20	0		16:25:14	6	16:25:14	2		16:25:14	1	16:25:14	2
16:25:19	17	16:25:19	8	4	16:26:03	13	16:26:03	6	0	16:26:03	18	16:26:03	6
16:25:56	0	16:25:56	0		16:26:52	7	16:26:52	1		16:26:52	4	16:26:52	1
16:26:55	19	16:26:55	4	0	16:27:41	21	16:27:41	0	0	16:27:41	20	16:27:41	2
16:27:33	18	16:27:33	4		16:28:27	32	16:28:27	5		16:28:27	33	16:28:27	8
16:28:31	14	16:28:31	8	0	16:29:16	3	16:29:16	3	0	16:29:16	3	16:29:16	2
16:29:08	0	16:29:08	0		16:30:03	3	16:30:03	2		16:30:03	3	16:30:03	2
16:30:08	9	16:30:08	11	0	16:30:51	13	16:30:51	7	0	16:30:51	12	16:30:51	3
16:30:44	0	16:30:44	0		16:31:39	5	16:31:39	7		16:31:39	6	16:31:39	6
16:31:44	23	16:31:44	9	0	16:32:29	4	16:32:29	6	0	16:32:29	3	16:32:29	4
16:32:20	0	16:32:20	0		16:33:15	3	16:33:15	1		16:33:15	4	16:33:15	1
16:33:19	19	16:33:19	5	1	16:34:04	13	16:34:04	5	0	16:34:04	11	16:34:04	5
16:33:56	0	16:33:56	0		16:34:51	1	16:34:51	3		16:34:51	2	16:34:51	5
16:34:55	16	16:34:55	5	0	16:35:39	0	16:35:39	2	0	16:35:39	0	16:35:39	0
16:35:32	0	16:35:32	0		16:36:27	2	16:36:27	2		16:36:27	2	16:36:27	5
16:36:31	15	16:36:31	5	0	16:37:16	9	16:37:16	10	0	16:37:16	9	16:37:16	7
16:37:08	4	16:37:08	1		16:38:02	4	16:38:02	6		16:38:02	2	16:38:02	8
16:38:07	18	16:38:07	9	0	16:38:52	9	16:38:52	6	0	16:38:52	10	16:38:52	4
16:38:44	13	16:38:44	1		16:39:38	5	16:39:38	1		16:39:38	3	16:39:38	2
16:39:43	13	16:39:43	9	0	16:40:28	14	16:40:28	7	0	16:40:28	13	16:40:28	6
16:40:21	0	16:40:21	0		16:41:14	13	16:41:14	2		16:41:14	14	16:41:14	2
16:41:20	18	16:41:20	4	1	16:42:03	3	16:42:03	3	0	16:42:03	6	16:42:03	3
16:41:57	0	16:41:57	0		16:42:50	6	16:42:50	1		16:42:50	1	16:42:50	1
16:42:55	13	16:42:55	2	1	16:43:39	12	16:43:39	8	0	16:43:39	17	16:43:39	8
16:43:33	1	16:43:33	0		16:44:26	2	16:44:26	3		16:44:26	2	16:44:26	4
16:44:31	28	16:44:31	4	0	16:45:16	9	16:45:16	10	0	16:45:16	9	16:45:16	9
16:45:08	2	16:45:08	1		16:46:02	6	16:46:02	1		16:46:02	3	16:46:02	2
16:46:08	17	16:46:08	8	1	16:46:51	4	16:46:51	2	0	16:46:51	7	16:46:51	1
16:46:44	0	16:46:44	0		16:47:39	3	16:47:39	2		16:47:39	3	16:47:39	2
16:47:44	12	16:47:44	2	1	16:48:28	5	16:48:28	1	0	16:48:28	5	16:48:28	1
16:48:21	0	16:48:21	0		16:49:15	3	16:49:15	0		16:49:15	3	16:49:15	2
16:49:20	19	16:49:20	8	0	16:50:04	6	16:50:04	8	0	16:50:04	4	16:50:04	7
16:49:56	2	16:49:56	0		16:50:51	2	16:50:51	7		16:50:51	4	16:50:51	6
16:50:55	20	16:50:55	7	1	16:51:39	7	16:51:39	1	0	16:51:39	7	16:51:39	4
16:51:33	3	16:51:33	1		16:52:26	5	16:52:26	5		16:52:26	3	16:52:26	5
16:52:31	21	16:52:31	5	1	16:53:13	9	16:53:13	3	0	16:53:13	11	16:53:13	5
16:53:07	0	16:53:07	0		16:54:01	5	16:54:01	5		16:54:01	2	16:54:01	8
16:54:06	19	16:54:06	10	0	16:54:49	7	16:54:49	6	0	16:54:49	9	16:54:49	1
16:54:43	1	16:54:43	0		16:55:40	3	16:55:40	1		16:55:40	4	16:55:40	5
16:55:45	18	16:55:45	8	2	16:56:29	16	16:56:29	11	0	16:56:29	15	16:56:29	7
16:56:23	3	16:56:23	0		16:57:16	7	16:57:16	4		16:57:16	8	16:57:16	9
16:57:22	21	16:57:22	6	0	16:58:05	5	16:58:05	7	0	16:58:05	5	16:58:05	2
16:57:59	0	16:57:59	0		16:58:52	10	16:58:52	6		16:58:52	10	16:58:52	0
16:58:58	20	16:58:58	8	1	16:59:41	8	16:59:41	7	0	16:59:41	4	16:59:41	7
16:59:34	9	16:59:34	0		17:00:28	9	17:00:28	3		17:00:28	11	17:00:28	2
17:00:34	23	17:00:34	3	0	17:01:17	11	17:01:17	4	0	17:01:17	13	17:01:17	4
17:01:10	2	17:01:10	0		17:02:04	5	17:02:04	1		17:02:04	0	17:02:04	3
17:02:09	27	17:02:09	10	0	17:02:53	7	17:02:53	6	0	17:02:53	7	17:02:53	4
17:02:47	0	17:02:47	3		17:03:40	5	17:03:40	2		17:03:40	0	17:03:40	2
17:03:44	22	17:03:44	12	8	17:04:28	8	17:04:28	2	0	17:04:28	13	17:04:28	2
17:04:22	2	17:04:22	3		17:05:16	14	17:05:16	3		17:05:16	8	17:05:16	3
17:05:20	31	17:05:20	10	0	17:06:04	8	17:06:04	3	0	17:06:04	14	17:06:04	3
17:05:58	1	17:05:58	0		17:06:56	8	17:06:56	2		17:06:56	8	17:06:56	2
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17:07:37	6	17:07:37	3		17:08:31	6	17:08:31	0		17:08:31	6	17:08:31	1
17:08:34	25	17:08:34	8	0	17:09:20	12	17:09:20	3	0	17:09:20	11	17:09:20	2
17:09:11	3	17:09:11	0		17:10:07	7	17:10:07	6		17:10:07	6	17:10:07	6
17:10:12	26	17:10:12	5	0	17:10:57	24	17:10:57	3	0	17:10:57	25	17:10:57	4
17:10:49	0	17:10:49	0		17:11:45	6	17:11:45	5		17:11:45	6	17:11:45	5
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17:12:27	2	17:12:27	0		17:13:21	5	17:13:21	4		17:13:21	5	17:13:21	7
17:13:26	21	17:13:26	15	0	17:14:11	17	17:14:11	5	0	17:14:11	17	17:14:11	2
17:14:04	18	17:14:04	1		17:14:58	4	17:14:58	2		17:14:58	4	17:14:58	2
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17:15:39	1	17:15:39	0		17:16:32	8	17:16:32	4		17:16:32	8	17:16:32	3
17:16:37	22	17:16:37	7	0	17:17:20	6	17:17:20	2	0	17:17:20	6	17:17:20	3
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17:23:37	0	17:23:37	0		17:24:30	4	17:24:30	5		17:24:30	5	17:24:30	5
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17:30:00	24	17:30:00	3	0	17:30:43	18	17:30:43	5	0	17:30:43	18	17:30:43	6
17:30:37	2	17:30:37	1		17:31:47	14	17:31:47	11		17:31:47	11	17:31:47	11

17:31:51	33	17:31:51	12	1	17:32:35	10	17:32:35	9	0	17:32:35	13	17:32:35	9
17:32:28	3	17:32:28	0		17:33:39	5	17:33:39	1		17:33:39	1	17:33:39	1
17:33:41	27	17:33:43	10	0	17:34:28	14	17:34:28	6	0	17:34:28	18	17:34:28	6
17:34:26	2	17:34:26	0		17:35:30	5	17:35:30	3		17:35:30	5	17:35:30	5
17:35:35	31	17:35:35	10	4	17:36:19	11	17:36:19	6	0	17:36:19	11	17:36:19	5
17:36:12	3	17:36:12	0		17:37:23	8	17:37:23	1		17:37:23	8	17:37:23	0
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17:38:05	0	17:38:05	0		17:39:15	5	17:39:15	0		17:39:15	4	17:39:15	4
17:39:19	32	17:39:19	4	0	17:40:03	22	17:40:03	10	0	17:40:03	22	17:40:03	8
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17:41:11	35	17:41:11	7	0	17:41:55	12	17:41:55	14	0	17:41:55	16	17:41:55	14
17:41:48	1	17:41:48	0		17:42:59	8	17:42:59	0		17:42:59	8	17:42:59	4
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17:43:41	8	17:43:41	2		17:44:50	8	17:44:50	6		17:44:50	7	17:44:50	7
17:44:56	22	17:44:56	10	0	17:45:39	18	17:45:39	9	0	17:45:39	19	17:45:39	8
17:45:32	6	17:45:32	1		17:46:42	8	17:46:42	6		17:46:42	5	17:46:42	8
17:46:47	22	17:46:47	13	0	17:47:29	25	17:47:29	3	0	17:47:29	25	17:47:29	3
17:47:22	5	17:47:22	0		17:48:35	12	17:48:35	2		17:48:35	10	17:48:35	3
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17:50:36	31	17:50:36	8	0	17:51:19	25	17:51:19	4	0	17:51:19	27	17:51:19	3
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17:53:04	7	17:53:04	0		17:54:15	13	17:54:15	5		17:54:15	13	17:54:15	8
17:54:19	36	17:54:19	11	0	17:55:03	12	17:55:03	8	0	17:55:03	12	17:55:03	8
17:54:56	1	17:54:56	0		17:56:07	12	17:56:07	4		17:56:07	3	17:56:07	4
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17:58:41	0	17:58:41	0		17:59:51	1	17:59:51	1		17:59:51	1	17:59:51	5
17:59:56	25	17:59:56	12	0	18:00:40	19	18:00:40	8	0	18:00:40	19	18:00:40	4
18:00:33	0	18:00:33	0		18:01:43	4	18:01:43	4		18:01:43	2	18:01:43	6
18:01:47	30	18:01:47	10	1	18:02:32	20	18:02:32	6	0	18:02:32	22	18:02:32	4
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18:04:16	0	18:04:16	0		18:05:26	11	18:05:26	5		18:05:26	12	18:05:26	2
18:05:32	32	18:05:32	10	2	18:06:15	18	18:06:15	5	0	18:06:15	18	18:06:15	5
18:06:08	7	18:06:08	2		18:07:18	4	18:07:18	4		18:07:18	11	18:07:18	4
18:07:23	25	18:07:23	8	0	18:08:07	21	18:08:07	6	0	18:08:07	13	18:08:07	5
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18:09:15	26	18:09:15	7	0	18:09:59	20	18:09:59	13	1	18:09:59	19	18:09:59	13
18:09:52	0	18:09:52	0		18:11:02	9	18:11:02	2		18:11:02	6	18:11:02	2
18:11:07	20	18:11:07	7	1	18:11:51	13	18:11:51	9	0	18:11:51	15	18:11:51	9
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18:13:36	1	18:13:36	2		18:14:46	13	18:14:46	0		18:14:46	2	18:14:46	0
18:14:51	42	18:14:51	11	0	18:15:35	11	18:15:35	6	0	18:15:35	21	18:15:35	6
18:15:28	0	18:15:28	0		18:16:44	5	18:16:44	5		18:16:44	7	18:16:44	5
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18:18:41	24	18:18:41	5	3	18:19:25	19	18:19:25	3	0	18:19:25	19	18:19:25	3
18:19:19	2	18:19:19	0		18:20:28	9	18:20:28	1		18:20:28	8	18:20:28	2
18:20:33	25	18:20:33	12	0	18:21:17	19	18:21:17	10	1	18:21:17	19	18:21:17	10
18:21:10	1	18:21:10	0		18:22:21	5	18:22:21	4		18:22:21	6	18:22:21	10
18:22:25	34	18:22:25	6	0	18:23:09	9	18:23:09	8	0	18:23:09	9	18:23:09	2
18:23:02	0	18:23:02	0		18:24:12	5	18:24:12	2		18:24:12	5	18:24:12	2
18:24:17	19	18:24:17	11	1	18:25:01	20	18:25:01	6	0	18:25:01	19	18:25:01	6
18:24:54	3	18:24:54	1		18:26:10	12	18:26:10	3		18:26:10	10	18:26:10	4
18:26:16	30	18:26:16	9	0	18:26:59	15	18:26:59	6	0	18:26:59	18	18:26:59	5
18:26:52	0	18:26:52	0		18:28:02	5	18:28:02	2		18:28:02	2	18:28:02	3
18:28:07	31	18:28:07	4	0	18:28:51	15	18:28:51	2	0	18:28:51	18	18:28:51	1
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18:30:37	1	18:30:37	0		18:31:47	8	18:31:47	1		18:31:47	5	18:31:47	5
18:31:51	26	18:31:51	2	0	18:32:35	13	18:32:35	9	0	18:32:35	16	18:32:35	6
18:32:29	4	18:32:29	0		18:33:44	10	18:33:44	0		18:33:44	1	18:33:44	2
18:33:50	42	18:33:50	5	0	18:34:34	9	18:34:34	4	0	18:34:34	19	18:34:34	2
18:34:26	1	18:34:26	0		18:35:42	10	18:35:42	2		18:35:42	1	18:35:42	0
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18:36:24	2	18:36:24	0		18:37:36	1	18:37:36	1		18:37:36	1	18:37:36	1
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18:38:18	0	18:38:18	0		18:39:28	2	18:39:28	1		18:39:28	4	18:39:28	1
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18:40:10	14	18:40:10	0		18:41:21	2	18:41:21	3		18:41:21	0	18:41:21	3
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18:53:15	0	18:53:15	0		18:54:25	3	18:54:25	7		18:54:25	1	18:54:25	8
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18:55:07	2	18:55:07	0		18:56:17	0	18:56:17	3		18:56:17	0	18:56:17	7
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18:56:59	0	18:56:59	0		18:58:09	3	18:58:09	2		18:58:09	3	18:58:09	2
18:58:15	25	18:58:15	4	0	18:58:58	11	18:58:58	6	0	18:58:58	9	18:58:58	7
18:58:51	0	18:58:51	1										

	07:00 - 10:00	
	Arm D	
Time	D1	D2
07:00	3	3
07:05	1	5
07:10	0	8
07:15	2	9
07:20	9	4
07:25	1	23
07:30	4	13
07:35	1	17
07:40	1	33
07:45	3	20
07:50	3	6
07:55	0	12
08:00	3	19
08:05	2	27
08:10	4	22
08:15	4	14
08:20	2	30
08:25	2	18
08:30	4	37
08:35	2	24
08:40	3	37
08:45	2	29
08:50	6	50
08:55	6	36
09:00	2	35
09:05	6	24
09:10	6	30
09:15	5	24
09:20	7	11
09:25	6	15
09:30	14	39
09:35	5	32
09:40	7	31
09:45	10	24
09:50	10	33
09:55	5	19
Total	151	813
Start Time	Rolling Hour	
07:00	28	153
07:05	28	169
07:10	29	191
07:15	33	205
07:20	35	210
07:25	28	236
07:30	29	231
07:35	29	255
07:40	30	262
07:45	32	266
07:50	31	275
07:55	34	319
08:00	40	343
08:05	39	359
08:10	43	356
08:15	45	364
08:20	46	374
08:25	51	355
08:30	55	352
08:35	65	354
08:40	68	362
08:45	72	356
08:50	80	351
08:55	84	334
09:00	83	317

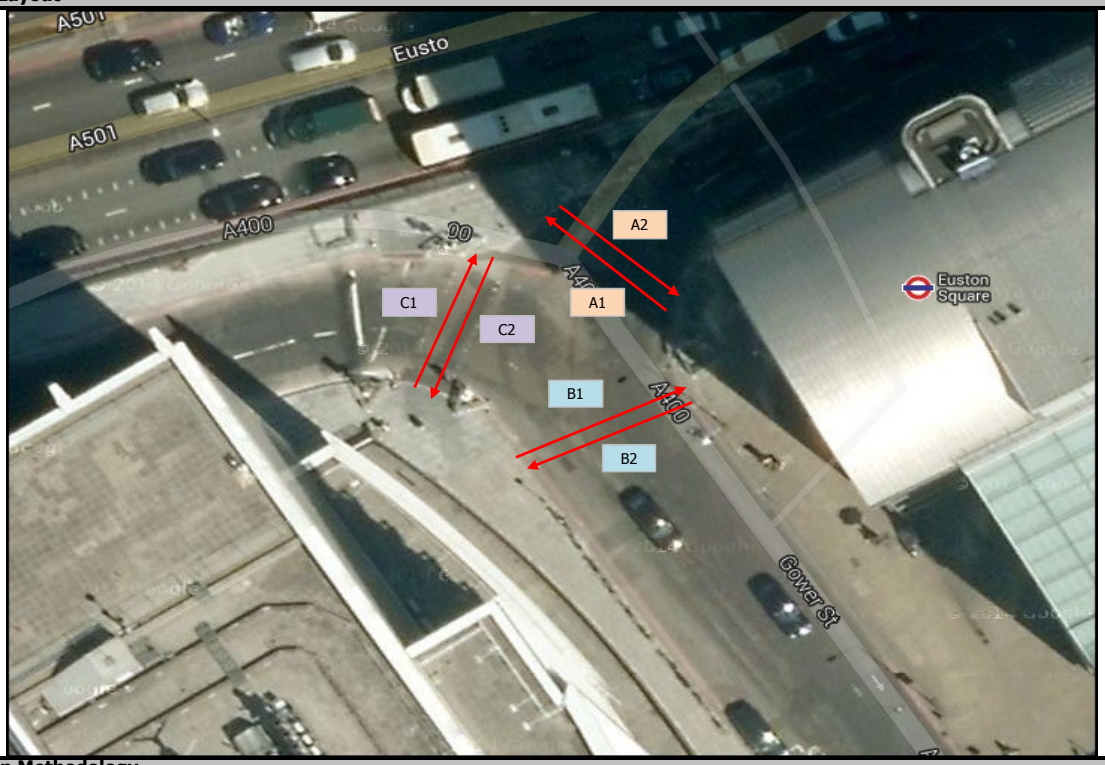
	16:00 - 19:00	
	Arm D	
Time	D1	D2
16:00	10	5
16:05	8	9
16:10	15	11
16:15	14	11
16:20	16	13
16:25	2	3
16:30	16	3
16:35	10	16
16:40	16	19
16:45	13	12
16:50	18	7
16:55	16	7
17:00	13	10
17:05	16	3
17:10	7	9
17:15	14	8
17:20	16	14
17:25	19	14
17:30	22	8
17:35	17	7
17:40	7	14
17:45	8	10
17:50	6	8
17:55	13	18
18:00	23	11
18:05	15	7
18:10	23	19
18:15	11	17
18:20	6	5
18:25	14	10
18:30	18	22
18:35	9	21
18:40	18	16
18:45	14	11
18:50	14	17
18:55	17	16
Total	496	411
Start Time	Rolling Hour	
16:00	154	116
16:05	157	121
16:10	165	115
16:15	157	113
16:20	157	110
16:25	157	111
16:30	174	122
16:35	180	127
16:40	187	118
16:45	176	113
16:50	173	111
16:55	161	112
17:00	158	123
17:05	168	124
17:10	167	128
17:15	183	138
17:20	180	147
17:25	170	138
17:30	165	134
17:35	161	148
17:40	153	162
17:45	164	168
17:50	170	165
17:55	176	174
18:00	182	172

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Gower Street

X Coordinate	Y Coordinate	Google Maps Link
51.525454	-0.135853	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Gower Street

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	11	2	0	2	0	4
07:05	13	2	0	2	2	5
07:10	11	1	3	4	1	11
07:15	8	4	2	5	1	5
07:20	6	1	2	12	0	11
07:25	19	0	3	12	2	7
07:30	11	4	3	11	5	9
07:35	23	6	4	8	1	4
07:40	9	2	4	6	2	14
07:45	31	5	7	8	4	7
07:50	13	6	7	9	0	5
07:55	12	4	3	12	3	13
08:00	42	5	5	15	3	14
08:05	33	13	4	10	8	20
08:10	23	4	10	11	4	18
08:15	33	9	8	12	2	16
08:20	31	6	13	14	8	11
08:25	27	16	8	14	11	12
08:30	41	6	8	21	2	19
08:35	32	13	12	14	9	16
08:40	39	7	11	20	6	17
08:45	42	11	11	17	7	20
08:50	39	13	9	23	8	18
08:55	50	13	10	20	8	23
09:00	35	17	17	23	8	27
09:05	37	8	11	28	8	11
09:10	29	20	10	9	14	17
09:15	24	17	7	8	10	18
09:20	31	17	9	8	10	19
09:25	26	11	15	8	12	9
09:30	19	12	1	14	8	12
09:35	38	14	5	11	12	26
09:40	31	11	8	8	12	18
09:45	32	15	10	11	13	9
09:50	26	8	24	15	5	14
09:55	21	13	14	25	11	10
Total	948	316	278	450	220	489
Start Time	**Rolling Hour**					
07:00	167	37	38	91	21	95
07:05	198	40	43	104	24	105
07:10	218	51	47	112	30	120
07:15	230	54	54	119	33	127
07:20	255	59	60	126	34	138
07:25	280	64	71	128	42	138
07:30	288	80	76	130	51	143
07:35	318	82	81	140	48	153
07:40	327	89	89	146	56	165
07:45	357	94	96	160	60	168
07:50	368	100	100	169	63	181
07:55	394	107	102	183	71	194
08:00	432	116	109	191	76	204
08:05	425	128	121	199	81	217
08:10	429	123	128	217	81	208
08:15	435	139	128	215	91	207
08:20	426	147	127	211	99	209
08:25	426	158	123	205	101	217
08:30	425	153	130	199	102	214
08:35	403	159	123	192	108	207
08:40	409	160	116	189	111	217
08:45	401	164	113	177	117	218
08:50	391	168	112	171	123	207
08:55	378	163	127	163	120	203
09:00	349	163	131	168	123	190

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Gower Street

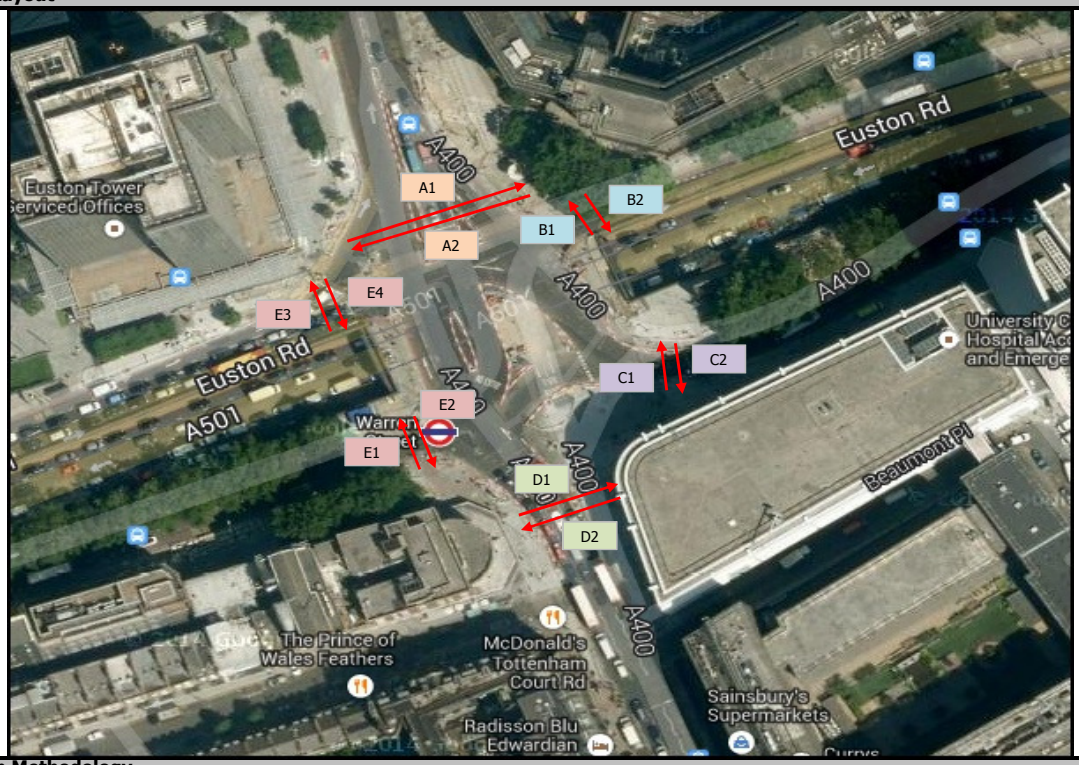
	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
16:00	10	11	13	9	9	1
16:05	7	20	25	20	21	2
16:10	20	13	23	5	10	7
16:15	16	15	16	9	17	0
16:20	27	27	22	10	24	12
16:25	19	18	21	9	18	7
16:30	9	15	29	3	4	4
16:35	16	12	34	34	10	7
16:40	11	18	14	3	13	10
16:45	21	17	24	14	13	7
16:50	12	8	14	12	5	6
16:55	31	14	16	13	9	8
17:00	15	19	26	19	19	7
17:05	31	20	29	14	15	12
17:10	25	22	27	18	16	14
17:15	31	17	20	11	9	11
17:20	17	23	22	30	28	11
17:25	10	27	27	11	22	6
17:30	10	13	41	16	8	5
17:35	20	18	34	8	14	13
17:40	28	20	42	27	17	18
17:45	34	21	40	14	14	12
17:50	21	31	30	10	28	12
17:55	22	20	31	22	18	4
18:00	22	28	27	4	22	7
18:05	21	25	21	9	24	12
18:10	26	19	21	16	19	11
18:15	22	17	29	8	20	11
18:20	24	27	27	12	21	10
18:25	23	27	18	2	21	6
18:30	32	22	30	7	18	10
18:35	27	19	25	5	18	16
18:40	7	17	21	6	18	4
18:45	23	19	28	12	12	4
18:50	10	18	32	12	12	10
18:55	26	22	19	8	23	11
Total	726	699	918	442	589	308
Start Time	**Rolling Hour**					
16:00	199	188	251	141	153	71
16:05	204	196	264	151	163	77
16:10	228	196	268	145	157	87
16:15	233	205	272	158	163	94
16:20	248	207	276	160	155	105
16:25	238	203	276	180	159	104
16:30	229	212	282	182	163	103
16:35	230	210	294	195	167	104
16:40	234	216	294	169	171	110
16:45	251	218	322	193	175	118
16:50	264	222	338	193	176	123
16:55	273	245	354	191	199	129
17:00	264	251	369	200	208	125
17:05	271	260	370	185	211	125
17:10	261	265	362	180	220	125
17:15	262	262	356	178	223	122
17:20	253	262	365	175	234	122
17:25	260	266	370	157	227	121
17:30	273	266	361	148	226	121
17:35	295	275	350	139	236	126
17:40	302	276	341	136	240	129
17:45	281	273	320	115	241	115
17:50	270	271	308	113	239	107
17:55	259	258	310	115	223	105
18:00	263	260	298	101	228	112

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Hampstead Road / Tottenham Court Road

X Coordinate	Y Coordinate	Google Maps Link
51.525106	-0.138258	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Limited visibility of Arm A crossings, due to blockage by heavy vehicles

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Hampstead Road / Tottenham Court Road

	07:00 - 10:00											
	Arm A		Arm B		Arm C		Arm D		Arm E			
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**	**D1**	**D2**	**E1**	**E2**	**E3**	**E4**
07:00	11	32	11	16	3	15	7	16	51	9	51	20
07:05	6	31	11	22	3	12	15	7	27	11	29	24
07:10	4	35	13	17	4	18	18	15	49	25	46	40
07:15	10	43	10	26	7	10	22	8	86	19	77	23
07:20	11	48	14	22	6	24	20	17	68	12	67	29
07:25	7	61	11	50	7	14	22	12	55	22	59	21
07:30	11	59	26	44	6	25	29	24	103	30	83	55
07:35	16	47	20	34	7	20	23	22	99	18	91	41
07:40	10	57	26	58	4	25	34	18	97	40	87	56
07:45	9	52	36	40	11	40	56	26	153	23	118	39
07:50	14	79	34	42	13	24	39	19	158	29	124	29
07:55	28	100	36	48	9	23	42	25	138	25	133	62
08:00	13	75	49	42	28	21	57	29	150	28	113	35
08:05	27	102	33	48	8	27	59	33	153	26	166	61
08:10	11	104	44	51	9	24	46	35	140	31	178	56
08:15	29	111	54	47	21	14	44	20	164	33	165	51
08:20	35	90	56	70	20	16	67	40	211	27	221	66
08:25	13	155	46	99	22	25	57	49	180	28	196	54
08:30	30	140	56	74	27	58	53	48	193	32	157	72
08:35	18	166	61	85	25	29	52	69	210	41	210	72
08:40	25	136	69	94	18	45	67	46	232	38	157	75
08:45	23	141	74	91	33	42	84	62	212	43	197	95
08:50	32	193	76	88	28	35	76	67	219	39	176	70
08:55	22	111	79	71	20	38	95	59	235	45	252	105
09:00	20	140	60	95	22	25	78	44	301	55	204	77
09:05	19	126	65	70	14	55	57	40	169	49	156	71
09:10	18	63	44	89	10	28	62	48	189	78	184	74
09:15	21	96	51	60	10	25	68	57	184	57	173	59
09:20	17	95	39	65	26	41	45	26	137	52	124	64
09:25	21	83	30	52	19	44	50	30	128	55	101	32
09:30	24	64	41	42	16	25	50	32	126	58	150	67
09:35	22	70	42	59	22	52	44	21	83	60	96	79
09:40	17	74	41	55	25	51	48	39	95	48	115	65
09:45	16	69	36	68	10	37	49	29	70	42	108	53
09:50	26	52	39	63	23	40	51	33	83	33	93	43
09:55	20	33	36	49	13	31	48	50	65	29	74	42
Total	656	3133	1469	2046	549	1078	1734	1215	5013	1290	4731	1977
Start Time	**Rolling Hour**											
07:00	137	644	248	419	80	250	327	209	1084	263	965	439
07:05	139	687	286	445	105	256	377	222	1183	282	1027	454
07:10	160	758	308	471	110	271	421	248	1309	297	1164	491
07:15	167	827	339	505	115	277	449	268	1400	303	1296	507
07:20	186	895	383	526	129	281	471	280	1478	317	1384	535
07:25	210	937	425	574	143	273	518	303	1621	332	1538	572
07:30	216	1031	460	623	158	284	553	340	1746	338	1675	605
07:35	235	1112	490	653	179	317	577	364	1836	340	1749	622
07:40	237	1231	531	704	197	326	606	411	1947	363	1868	653
07:45	252	1310	574	740	211	346	639	439	2082	361	1938	672
07:50	266	1399	612	791	233	348	667	475	2141	381	2017	728
07:55	284	1513	654	837	248	359	704	523	2202	391	2069	769
08:00	278	1524	697	860	259	374	757	557	2299	411	2188	812
08:05	285	1589	708	913	253	378	778	572	2450	438	2279	854
08:10	277	1613	740	935	259	406	776	579	2466	461	2269	864
08:15	284	1572	740	973	260	410	792	592	2515	508	2275	882
08:20	276	1557	737	986	249	421	816	629	2535	532	2283	890
08:25	258	1562	720	981	255	446	794	615	2461	557	2186	888
08:30	266	1490	704	934	252	465	787	596	2409	584	2091	866
08:35	260	1414	689	902	241	432	784	580	2342	610	2084	861
08:40	264	1318	670	876	238	455	776	532	2215	629	1970	868
08:45	256	1256	642	837	245	461	757	525	2078	639	1928	858
08:50	249	1184	604	814	222	456	722	492	1936	638	1839	816
08:55	243	1043	567	789	217	461	697	458	1800	632	1756	789
09:00	241	965	524	767	210	454	650	449	1630	616	1578	726

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road / Hampstead Road / Tottenham Court Road

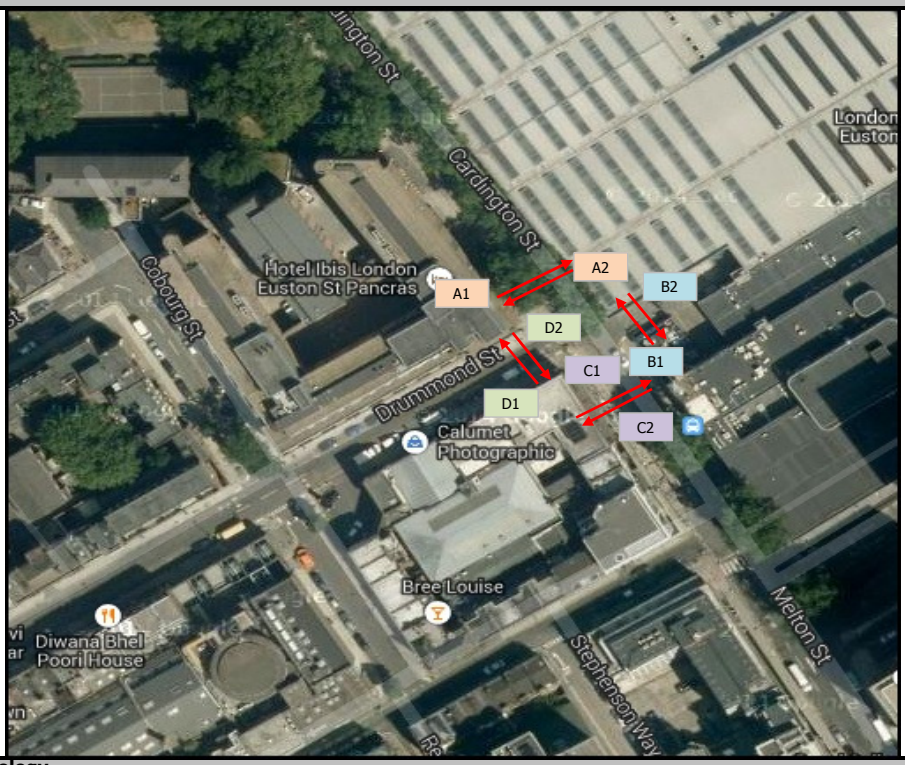
	16:00 - 19:00											
	Arm A		Arm B		Arm C		Arm D		Arm E			
Time	A1	A2	B1	B2	C1	C2	D1	D2	E1	E2	E3	E4
16:00	55	30	60	45	20	28	35	31	36	105	44	99
16:05	58	39	41	34	15	34	36	68	52	123	51	122
16:10	49	29	39	40	18	22	33	33	25	89	30	100
16:15	61	31	62	43	25	40	28	31	23	78	37	82
16:20	57	35	55	51	25	28	32	44	38	77	41	90
16:25	43	33	41	47	10	49	39	56	22	87	22	75
16:30	59	24	52	37	19	36	38	46	36	92	31	107
16:35	57	21	46	40	26	35	36	52	23	87	36	99
16:40	53	44	80	49	28	30	30	65	34	79	55	85
16:45	61	31	48	41	38	40	35	50	28	90	46	91
16:50	38	27	69	38	38	41	52	38	41	84	45	104
16:55	87	44	66	66	31	26	32	59	39	89	49	124
17:00	90	40	65	61	45	51	43	70	24	138	55	143
17:05	148	44	47	52	20	42	47	91	33	188	37	150
17:10	93	42	65	38	33	44	37	74	37	183	44	167
17:15	76	46	56	50	28	26	44	53	40	179	48	154
17:20	77	54	60	52	33	28	56	73	32	176	35	142
17:25	79	49	75	60	31	29	67	63	30	172	43	137
17:30	106	41	69	49	38	45	64	83	40	162	48	156
17:35	82	51	64	42	28	40	57	85	29	154	65	216
17:40	67	51	70	46	29	38	58	74	42	148	42	153
17:45	97	52	64	56	25	16	75	86	48	166	43	145
17:50	69	39	66	63	31	35	50	61	52	150	74	167
17:55	91	37	49	51	27	29	53	63	45	173	38	189
18:00	89	33	77	66	32	48	60	60	48	127	45	157
18:05	80	34	72	43	48	36	54	63	38	184	36	149
18:10	63	42	69	47	21	35	61	58	46	143	48	88
18:15	64	34	71	37	41	28	48	58	36	154	52	107
18:20	61	52	65	29	45	25	50	40	41	129	39	76
18:25	98	29	50	35	42	21	44	52	55	119	71	123
18:30	55	27	53	29	35	35	56	37	38	131	58	108
18:35	71	43	44	33	35	21	48	49	33	92	74	169
18:40	55	32	37	34	32	23	49	45	46	94	52	112
18:45	57	36	43	31	22	20	36	38	44	68	45	96
18:50	60	28	45	35	31	17	64	41	43	82	63	157
18:55	37	21	32	35	28	37	34	42	37	84	58	122
Total	2543	1345	2067	1605	1073	1178	1681	2032	1354	4476	1700	4561
Start Time	**Rolling Hour**											
16:00	678	388	659	531	293	409	426	573	397	1080	487	1178
16:05	713	398	664	547	318	432	434	612	385	1113	498	1222
16:10	803	403	670	565	323	440	445	635	366	1178	484	1250
16:15	847	416	696	563	338	462	449	676	378	1272	498	1317
16:20	862	431	690	570	341	448	465	698	395	1373	509	1389
16:25	882	450	695	571	349	448	489	727	389	1472	503	1441
16:30	918	466	729	584	370	428	517	734	397	1557	524	1503
16:35	965	483	746	596	389	437	543	771	401	1627	541	1552
16:40	990	513	764	598	391	442	564	804	407	1694	570	1669
16:45	1004	520	754	595	392	450	592	813	415	1763	557	1737
16:50	1040	541	770	610	379	426	632	849	435	1839	554	1791
16:55	1071	553	767	635	372	420	630	872	446	1905	583	1854
17:00	1075	546	750	620	368	423	651	876	452	1989	572	1919
17:05	1074	539	762	625	355	420	668	866	476	1978	562	1933
17:10	1006	529	787	616	383	414	675	838	481	1974	561	1932
17:15	976	529	791	625	371	405	699	822	490	1934	565	1853
17:20	964	517	806	612	384	407	703	827	486	1909	569	1806
17:25	948	515	811	589	396	404	697	794	495	1862	573	1740
17:30	967	495	786	564	407	396	674	783	520	1809	601	1726
17:35	916	481	770	544	404	386	666	737	518	1778	611	1678
17:40	905	473	750	535	411	367	657	701	522	1716	620	1631
17:45	893	454	717	523	414	352	648	672	526	1662	630	1590
17:50	853	438	696	498	411	356	609	624	522	1564	632	1541
17:55	844	427	675	470	411	338	623	604	513	1496	621	1531
18:00	790	411	658	454	412	346	604	583	505	1407	641	1464

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street / Cardington Street

X Coordinate	Y Coordinate	Google Maps Link
51.52775	-0.135076	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street / Cardington Street

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
07:00	3	2	0	1	0	8	2	3
07:05	3	3	5	3	2	13	0	1
07:10	1	4	1	1	1	4	1	10
07:15	5	2	1	4	2	6	1	5
07:20	4	8	2	6	0	6	6	9
07:25	3	5	2	3	3	67	1	5
07:30	6	12	4	4	2	45	3	4
07:35	2	2	0	8	0	19	3	4
07:40	4	7	2	5	0	124	2	14
07:45	8	5	10	4	0	13	2	3
07:50	1	14	5	10	0	24	7	5
07:55	5	16	7	2	7	19	0	16
08:00	9	9	5	7	3	83	3	25
08:05	4	8	2	4	5	32	2	8
08:10	14	9	3	17	5	5	3	8
08:15	9	11	4	2	7	36	0	11
08:20	3	16	4	5	8	18	2	18
08:25	8	17	5	7	10	108	3	14
08:30	9	6	3	6	4	57	2	10
08:35	4	15	4	2	13	64	3	13
08:40	11	17	5	3	6	42	5	14
08:45	1	13	3	4	5	130	5	20
08:50	9	16	1	0	5	65	2	14
08:55	9	14	6	5	9	79	7	11
09:00	8	7	6	4	6	10	7	9
09:05	4	15	6	10	5	24	4	14
09:10	5	20	6	2	3	25	5	8
09:15	9	10	6	2	8	9	4	12
09:20	1	4	3	34	7	33	2	8
09:25	3	8	6	1	4	11	5	16
09:30	4	7	3	1	2	11	4	7
09:35	3	10	1	6	3	31	3	9
09:40	5	4	2	0	7	21	4	17
09:45	3	15	5	4	2	21	6	13
09:50	6	5	7	1	4	19	2	16
09:55	9	3	7	8	13	11	3	14
Total	195	339	142	186	161	1293	114	388
Start Time	**Rolling Hour**							
07:00	45	80	39	51	17	348	28	79
07:05	51	87	44	57	20	423	29	101
07:10	52	92	41	58	23	442	31	108
07:15	65	97	43	74	27	443	33	106
07:20	69	106	46	72	32	473	32	112
07:25	68	114	48	71	40	485	28	121
07:30	73	126	51	75	47	526	30	130
07:35	76	120	50	77	49	538	29	136
07:40	78	133	54	71	62	583	29	145
07:45	85	143	57	69	68	501	32	145
07:50	78	151	50	69	73	618	35	162
07:55	86	153	46	59	78	659	30	171
08:00	90	151	45	62	80	719	37	166
08:05	89	149	46	59	83	646	41	150
08:10	89	156	50	65	83	638	43	156
08:15	80	167	53	50	81	658	45	156
08:20	80	166	55	50	82	631	49	157
08:25	78	154	54	79	81	646	49	147
08:30	73	145	55	73	75	549	51	149
08:35	68	146	55	68	73	503	53	146
08:40	67	141	52	72	63	470	53	142
08:45	61	128	49	69	64	449	52	145
08:50	63	130	51	69	61	340	53	138
08:55	60	119	57	70	60	294	53	140
09:00	60	108	58	73	64	226	49	143

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street / Cardington Street

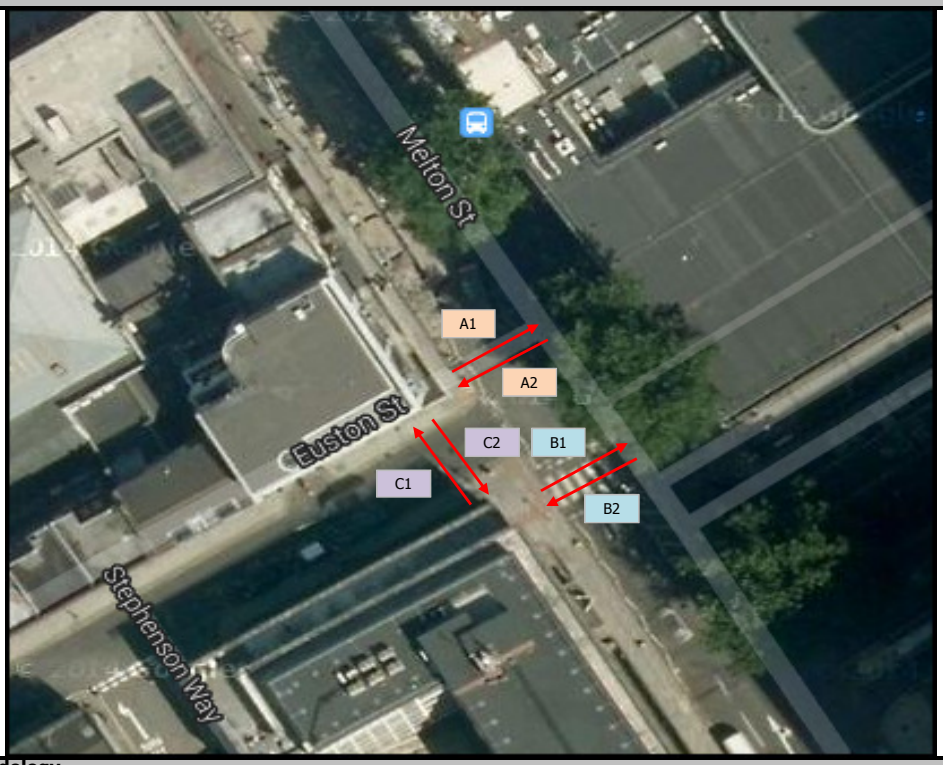
	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	3	13	3	9	4	2	3	0
16:05	5	3	6	3	12	8	1	4
16:10	8	11	3	7	7	2	6	5
16:15	6	0	1	8	8	1	9	6
16:20	11	8	5	5	10	4	8	8
16:25	10	4	4	5	15	0	3	6
16:30	4	9	4	7	12	4	2	2
16:35	5	4	4	4	6	7	3	4
16:40	7	4	4	7	15	5	9	3
16:45	5	7	6	3	19	5	12	4
16:50	12	8	3	3	10	6	9	18
16:55	9	6	5	6	17	2	6	4
17:00	13	13	4	5	13	4	5	3
17:05	10	13	13	8	36	7	3	13
17:10	5	10	13	6	16	9	4	10
17:15	10	11	10	4	15	7	8	8
17:20	30	15	13	7	25	10	6	2
17:25	10	10	9	7	20	8	8	3
17:30	20	12	10	7	33	10	4	11
17:35	21	7	8	7	27	3	8	8
17:40	22	4	10	8	32	6	10	7
17:45	12	3	4	8	20	8	4	7
17:50	3	7	5	2	31	10	8	10
17:55	17	6	14	8	22	15	13	11
18:00	9	8	7	8	26	1	4	7
18:05	6	8	4	6	29	12	7	9
18:10	23	9	9	9	17	10	3	12
18:15	5	4	6	3	24	7	4	13
18:20	8	13	8	5	13	5	4	3
18:25	12	9	6	9	22	11	5	15
18:30	3	5	3	4	24	6	8	19
18:35	10	2	8	6	20	4	8	19
18:40	19	5	9	4	9	7	3	6
18:45	10	15	8	3	20	4	1	7
18:50	6	9	9	4	16	4	7	8
18:55	13	10	3	8	9	9	10	11
Total	382	285	241	213	654	223	216	286
Start Time	**Rolling Hour**							
16:00	85	77	48	67	135	46	71	64
16:05	95	77	49	63	144	48	73	67
16:10	100	87	56	68	168	47	75	76
16:15	97	86	66	67	177	54	73	81
16:20	101	97	75	63	184	60	72	83
16:25	120	104	83	65	199	66	70	77
16:30	120	110	88	67	204	74	75	74
16:35	136	113	94	67	225	80	77	83
16:40	152	116	98	70	246	76	82	87
16:45	167	116	104	71	263	77	83	91
16:50	174	112	102	76	264	80	75	94
16:55	165	111	104	75	285	84	74	86
17:00	173	111	113	77	290	97	81	93
17:05	169	106	116	80	303	94	80	97
17:10	165	101	107	78	296	99	84	93
17:15	183	100	103	81	297	100	83	95
17:20	178	93	99	80	306	100	79	100
17:25	156	91	94	78	294	95	77	101
17:30	158	90	91	80	296	98	74	113
17:35	141	83	84	77	287	94	78	121
17:40	130	78	84	76	280	95	78	132
17:45	127	79	83	72	257	96	71	131
17:50	125	91	87	67	257	92	68	131
17:55	128	93	91	69	242	86	67	129
18:00	124	97	80	69	229	80	64	129

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Street / Melton Street

X Coordinate	Y Coordinate	Google Maps Link
51.527267	-0.134635	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Street / Melton Street

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	1	1	6	10	2	2
07:05	2	2	9	16	1	12
07:10	2	0	7	22	0	7
07:15	0	0	9	20	0	5
07:20	0	0	13	28	8	13
07:25	0	1	16	63	3	35
07:30	1	3	9	51	3	40
07:35	1	1	8	47	3	6
07:40	9	0	13	80	1	54
07:45	0	0	18	87	34	1
07:50	0	1	12	48	8	23
07:55	1	2	32	53	7	32
08:00	0	0	39	89	3	56
08:05	0	2	36	84	10	22
08:10	2	0	19	52	6	7
08:15	0	0	25	92	3	10
08:20	2	1	22	101	2	20
08:25	0	4	20	72	6	66
08:30	0	2	25	87	3	60
08:35	0	4	30	100	4	21
08:40	0	2	9	88	4	18
08:45	0	0	24	128	6	66
08:50	0	1	27	119	7	39
08:55	0	3	17	92	8	34
09:00	0	2	19	97	7	11
09:05	1	0	16	95	7	9
09:10	2	0	28	86	8	10
09:15	2	0	29	52	11	23
09:20	1	0	16	60	3	15
09:25	0	0	29	70	5	13
09:30	1	1	28	69	10	11
09:35	0	3	11	66	4	19
09:40	1	1	9	59	4	23
09:45	0	1	20	61	6	27
09:50	0	0	14	52	3	15
09:55	2	1	31	32	4	10
Total	31	39	695	2428	204	835
Start Time	**Rolling Hour**					
07:00	17	11	152	525	70	230
07:05	16	10	185	604	71	284
07:10	14	10	212	672	80	294
07:15	14	10	224	702	86	294
07:20	14	10	240	774	89	299
07:25	16	11	249	847	83	306
07:30	16	14	253	856	86	337
07:35	15	13	269	892	86	357
07:40	14	16	291	945	87	372
07:45	5	18	287	953	90	336
07:50	5	18	293	994	62	401
07:55	5	18	308	1065	61	417
08:00	4	19	293	1104	62	419
08:05	4	21	273	1112	66	374
08:10	5	19	253	1123	63	361
08:15	5	19	262	1157	65	364
08:20	7	19	266	1117	73	377
08:25	6	18	260	1076	74	372
08:30	6	14	269	1074	73	319
08:35	7	13	272	1056	80	270
08:40	7	12	253	1022	80	268
08:45	8	11	253	993	80	273
08:50	8	12	249	926	80	234
08:55	8	11	236	859	76	210
09:00	10	9	250	799	72	186

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Street / Melton Street

	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
16:00	0	0	33	27	5	4
16:05	1	0	33	18	9	4
16:10	3	0	36	20	6	7
16:15	1	7	43	45	5	9
16:20	2	0	38	41	13	10
16:25	1	2	48	21	2	10
16:30	0	2	34	12	1	5
16:35	0	0	48	24	3	9
16:40	1	2	52	29	13	6
16:45	0	2	28	22	11	6
16:50	0	5	68	16	15	20
16:55	0	1	42	36	15	9
17:00	3	0	67	24	7	11
17:05	1	2	55	24	4	15
17:10	1	2	61	29	15	19
17:15	0	1	72	28	13	16
17:20	3	1	78	33	13	15
17:25	2	0	82	21	8	12
17:30	2	2	76	33	4	12
17:35	4	1	101	40	14	16
17:40	6	3	89	43	17	8
17:45	1	4	53	41	9	11
17:50	5	2	97	47	17	13
17:55	5	5	83	50	14	12
18:00	4	0	99	41	17	12
18:05	2	0	92	40	7	17
18:10	0	0	77	41	20	13
18:15	2	0	64	32	11	18
18:20	1	1	57	36	6	10
18:25	1	1	40	30	10	12
18:30	1	3	48	34	5	21
18:35	1	1	61	34	13	18
18:40	1	2	34	34	5	6
18:45	0	1	44	36	6	9
18:50	0	3	39	24	10	12
18:55	2	9	39	27	9	16
Total	57	65	2111	1133	352	423
Start Time	**Rolling Hour**					
16:00	9	21	503	311	98	99
16:05	12	21	537	308	100	106
16:10	12	23	559	314	95	117
16:15	10	25	584	323	104	129
16:20	9	19	613	306	112	136
16:25	10	20	653	298	112	141
16:30	11	18	687	298	118	143
16:35	13	18	729	319	121	150
16:40	17	19	782	335	132	157
16:45	22	20	819	349	136	159
16:50	23	22	844	368	134	164
16:55	28	19	873	399	136	157
17:00	33	23	914	413	135	160
17:05	34	23	946	430	145	161
17:10	35	21	983	446	148	163
17:15	34	19	999	458	153	157
17:20	36	18	991	462	151	159
17:25	34	18	970	465	144	154
17:30	33	19	928	474	146	154
17:35	32	20	900	475	147	163
17:40	29	20	860	469	146	165
17:45	24	19	805	460	134	163
17:50	23	16	796	455	131	161
17:55	18	17	738	432	124	160
18:00	15	21	694	409	119	164

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Gower Street (Euston Square Entrance)

X Coordinate	Y Coordinate	Google Maps Link
51.525302	-0.135656	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Gower Street (Euston Square Entrance)

	07:00 - 10:00			
	Entrance 1		Entrance 2	
Time	In	Out	In	Out
07:00	1	10	3	14
07:05	2	10	4	38
07:10	5	7	5	17
07:15	1	24	3	30
07:20	3	13	5	20
07:25	2	19	3	40
07:30	2	17	2	48
07:35	4	19	2	61
07:40	4	23	4	46
07:45	5	29	3	67
07:50	5	33	4	56
07:55	3	29	5	60
08:00	7	35	12	43
08:05	16	36	14	85
08:10	7	31	10	79
08:15	7	34	10	74
08:20	13	32	15	89
08:25	23	40	5	95
08:30	7	39	16	115
08:35	14	41	15	111
08:40	11	43	11	127
08:45	6	50	12	133
08:50	11	70	17	196
08:55	4	50	15	136
09:00	9	54	17	141
09:05	12	65	14	163
09:10	8	46	18	133
09:15	10	32	12	116
09:20	6	36	12	139
09:25	11	27	17	107
09:30	7	36	9	120
09:35	4	20	12	127
09:40	4	19	20	85
09:45	8	24	10	95
09:50	8	32	12	90
09:55	12	22	8	67
Total	262	1147	356	3163
Start Time	**Rolling Hour**			
07:00	37	233	43	497
07:05	43	258	52	526
07:10	57	284	62	573
07:15	59	308	67	635
07:20	65	318	74	679
07:25	75	337	84	748
07:30	96	358	86	803
07:35	101	380	100	870
07:40	111	402	113	920
07:45	118	422	120	1001
07:50	119	443	129	1067
07:55	125	480	142	1207
08:00	126	501	152	1283
08:05	128	520	157	1381
08:10	124	549	157	1459
08:15	125	564	165	1513
08:20	128	562	167	1555
08:25	121	566	164	1605
08:30	109	553	176	1617
08:35	109	550	169	1622
08:40	99	529	166	1638
08:45	92	505	175	1596
08:50	94	479	173	1558
08:55	91	441	168	1452
09:00	99	413	161	1383

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Gower Street (Euston Square Entrance)

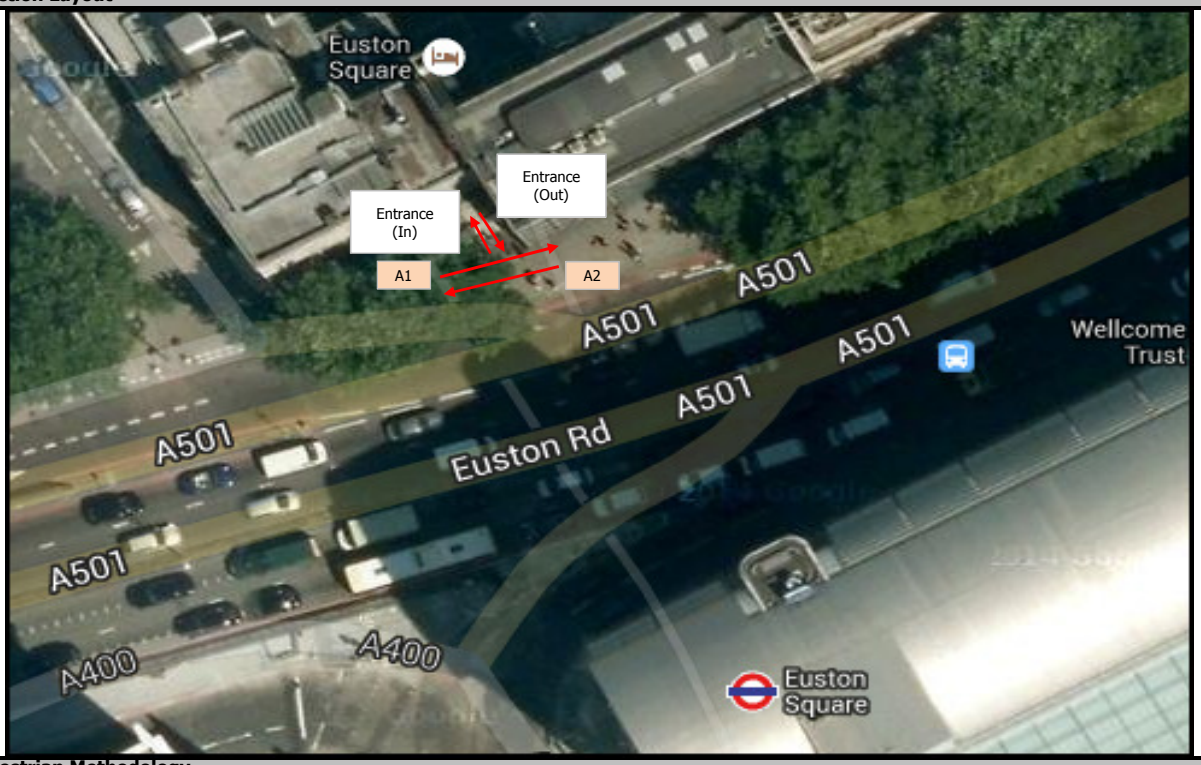
	16:00 - 19:00			
	Entrance 1		Entrance 2	
Time	In	Out	In	Out
16:00	13	8	62	21
16:05	22	8	61	28
16:10	25	7	57	13
16:15	17	10	73	21
16:20	13	11	52	13
16:25	25	18	83	23
16:30	25	8	73	25
16:35	19	31	81	16
16:40	22	12	70	35
16:45	32	9	78	18
16:50	15	10	92	29
16:55	16	7	88	25
17:00	28	14	111	19
17:05	22	9	118	28
17:10	36	9	128	20
17:15	21	7	122	19
17:20	25	18	101	26
17:25	31	6	96	34
17:30	35	16	94	22
17:35	25	6	120	41
17:40	52	16	128	38
17:45	25	14	100	41
17:50	21	8	113	59
17:55	26	10	76	38
18:00	21	7	81	25
18:05	19	21	101	16
18:10	27	19	95	29
18:15	20	4	88	29
18:20	27	6	87	8
18:25	18	10	55	16
18:30	28	17	72	20
18:35	22	17	58	15
18:40	30	6	60	11
18:45	23	29	71	40
18:50	14	12	54	27
18:55	27	11	60	30
Total	867	431	3059	918
Start Time	**Rolling Hour**			
16:00	244	139	870	267
16:05	259	145	919	265
16:10	259	146	976	265
16:15	270	148	1047	272
16:20	274	145	1096	270
16:25	286	152	1145	283
16:30	292	140	1158	294
16:35	302	148	1179	291
16:40	308	123	1218	316
16:45	338	127	1276	319
16:50	331	132	1298	342
16:55	337	130	1319	372
17:00	347	133	1307	385
17:05	340	126	1277	391
17:10	337	138	1260	379
17:15	328	148	1227	388
17:20	327	145	1193	398
17:25	329	133	1179	380
17:30	316	137	1138	362
17:35	309	138	1116	360
17:40	306	149	1054	334
17:45	284	139	986	307
17:50	282	154	957	306
17:55	275	158	898	274
18:00	276	159	882	266

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road (Euston Square Entrance)

X Coordinate	Y Coordinate	Google Maps Link
51.525772	-0.135819	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road (Euston Square Entrance)

	07:00 - 10:00			
	Entrance		Arm A	
Time	**In**	**Out**	**A1**	**A2**
07:00	13	43	8	12
07:05	61	50	10	29
07:10	74	39	6	15
07:15	65	61	10	18
07:20	27	44	7	25
07:25	157	60	13	42
07:30	144	83	14	46
07:35	69	83	13	34
07:40	211	58	11	38
07:45	154	92	15	40
07:50	75	97	14	43
07:55	74	78	11	45
08:00	200	86	15	50
08:05	196	104	20	61
08:10	170	117	18	69
08:15	85	114	16	66
08:20	206	129	15	70
08:25	129	146	33	72
08:30	217	142	20	75
08:35	121	130	27	102
08:40	210	143	30	113
08:45	194	133	22	90
08:50	251	203	30	103
08:55	152	177	28	107
09:00	138	152	35	111
09:05	79	194	29	97
09:10	138	128	23	85
09:15	132	105	28	80
09:20	80	112	35	70
09:25	61	94	25	58
09:30	62	100	16	50
09:35	90	94	21	46
09:40	97	64	22	48
09:45	61	56	28	50
09:50	106	91	25	63
09:55	64	41	28	32
Total	4363	3643	721	2155
Start Time	**Rolling Hour**			
07:00	1124	788	132	387
07:05	1311	831	139	425
07:10	1446	885	149	457
07:15	1542	963	161	511
07:20	1562	1016	167	559
07:25	1741	1101	175	604
07:30	1713	1187	195	634
07:35	1786	1246	201	663
07:40	1838	1293	215	731
07:45	1837	1378	234	806
07:50	1877	1419	241	856
07:55	2053	1525	257	916
08:00	2131	1624	274	978
08:05	2069	1690	294	1039
08:10	1952	1780	303	1075
08:15	1920	1791	308	1091
08:20	1967	1782	320	1105
08:25	1841	1765	340	1105
08:30	1773	1713	332	1091
08:35	1618	1671	328	1066
08:40	1587	1635	322	1010
08:45	1474	1556	314	945
08:50	1341	1479	320	905
08:55	1196	1367	315	865
09:00	1108	1231	315	790

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Road (Euston Square Entrance)

	16:00 - 19:00			
	Entrance		Arm A	
Time	In	Out	A1	A2
16:00	68	58	50	35
16:05	69	91	53	27
16:10	64	56	56	18
16:15	89	98	45	32
16:20	81	109	74	36
16:25	99	95	47	33
16:30	70	127	45	35
16:35	81	118	50	25
16:40	94	117	55	29
16:45	67	98	52	30
16:50	86	115	65	28
16:55	76	93	61	31
17:00	120	116	74	29
17:05	130	108	68	35
17:10	133	118	70	40
17:15	118	178	75	38
17:20	121	202	89	41
17:25	100	174	88	38
17:30	153	150	70	45
17:35	137	205	83	39
17:40	116	123	75	31
17:45	147	176	78	50
17:50	148	222	85	42
17:55	136	170	93	45
18:00	105	147	70	30
18:05	119	144	81	28
18:10	129	139	83	31
18:15	105	109	68	26
18:20	97	70	63	34
18:25	114	53	70	42
18:30	101	169	62	23
18:35	93	141	75	22
18:40	69	54	69	23
18:45	90	165	64	20
18:50	82	157	58	21
18:55	65	155	55	18
Total	3672	4620	2419	1150
Start Time	**Rolling Hour**			
16:00	944	1175	653	359
16:05	996	1233	677	353
16:10	1057	1250	692	361
16:15	1126	1312	706	383
16:20	1155	1392	736	389
16:25	1195	1485	751	394
16:30	1196	1564	792	399
16:35	1279	1587	817	409
16:40	1335	1674	850	423
16:45	1357	1680	870	425
16:50	1437	1758	896	445
16:55	1499	1865	916	459
17:00	1559	1942	948	473
17:05	1544	1973	944	474
17:10	1533	2009	957	467
17:15	1529	2030	970	458
17:20	1516	1961	963	446
17:25	1492	1829	937	439
17:30	1506	1708	919	443
17:35	1454	1727	911	421
17:40	1410	1663	903	404
17:45	1363	1594	897	396
17:50	1306	1583	883	366
17:55	1240	1518	856	345
18:00	1169	1503	818	318

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Hampstead Road

X Coordinate	Y Coordinate	Google Maps Link
51.530388	-0.138695	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Hampstead Road

	07:00 - 10:00					
	Arm A					
Time	**A1**	**A2**	**A3**	**A4**	**A5**	**A6**
07:00	0	3	0	0	1	1
07:05	2	3	1	0	2	3
07:10	2	5	0	0	2	0
07:15	1	4	2	0	5	1
07:20	1	3	2	0	1	2
07:25	3	7	1	1	0	3
07:30	4	9	2	0	2	3
07:35	3	6	3	0	1	1
07:40	6	6	2	2	1	1
07:45	6	7	1	3	2	5
07:50	4	9	1	3	3	2
07:55	7	12	1	0	0	8
08:00	4	9	2	0	6	7
08:05	4	17	2	1	6	5
08:10	9	17	1	1	4	6
08:15	10	17	4	1	3	6
08:20	13	21	3	1	2	10
08:25	10	23	3	4	1	5
08:30	12	23	10	3	2	7
08:35	7	16	2	3	5	4
08:40	9	26	6	1	3	7
08:45	10	32	10	2	4	12
08:50	15	31	9	1	7	7
08:55	9	29	11	5	5	12
09:00	8	15	4	2	8	9
09:05	8	18	5	4	2	10
09:10	10	22	2	4	5	12
09:15	11	10	0	1	3	4
09:20	9	15	1	3	3	4
09:25	14	11	4	3	1	3
09:30	6	3	1	2	2	14
09:35	5	8	6	2	9	4
09:40	6	11	0	0	1	5
09:45	4	13	1	2	3	7
09:50	6	10	4	2	4	16
09:55	2	7	1	3	6	7
Total	240	478	108	60	115	213
Start Time	**Rolling Hour**					
07:00	39	74	16	9	20	30
07:05	43	80	18	9	25	36
07:10	45	94	19	10	29	38
07:15	52	106	20	11	31	44
07:20	61	119	22	12	29	49
07:25	73	137	23	13	30	57
07:30	80	153	25	16	31	59
07:35	88	167	33	19	31	63
07:40	92	177	32	22	35	66
07:45	95	197	36	21	37	72
07:50	99	222	45	20	39	79
07:55	110	244	53	18	43	84
08:00	112	261	63	23	48	88
08:05	116	267	65	25	50	90
08:10	120	268	68	28	46	95
08:15	121	273	69	31	47	101
08:20	122	266	65	31	47	99
08:25	118	260	63	33	48	93
08:30	122	248	64	32	48	91
08:35	116	228	55	31	48	98
08:40	114	220	59	30	52	98
08:45	111	205	53	29	50	96
08:50	105	186	44	29	49	91
08:55	96	165	39	30	46	100
09:00	89	143	29	28	47	95

Intelligent Data Collection Limited

Client: Arup
Date: 10.06.2014
Project Number: ID01981
Junction Name: Hampstead Road

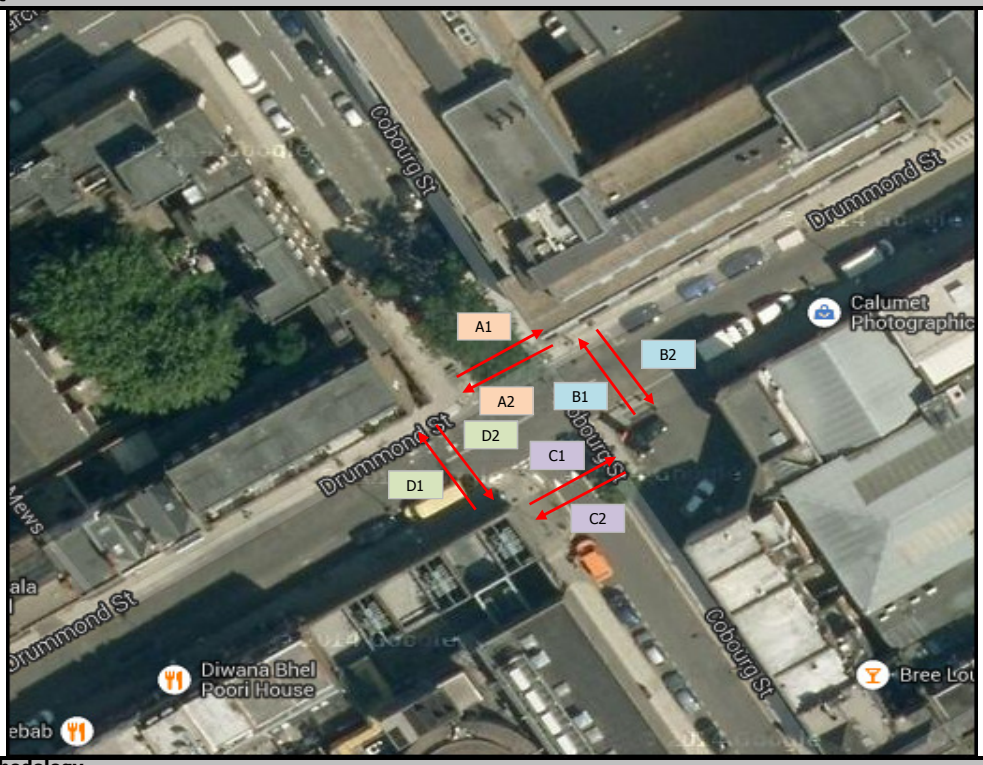
	16:00 - 19:00					
	Arm A					
Time	**A1**	**A2**	**A3**	**A4**	**A5**	**A6**
16:00	13	8	1	8	1	3
16:05	8	9	12	4	3	6
16:10	17	15	1	9	4	2
16:15	12	12	3	5	5	9
16:20	11	10	5	5	4	7
16:25	13	8	6	1	6	3
16:30	11	8	1	6	9	5
16:35	15	5	0	4	5	1
16:40	11	8	3	5	7	4
16:45	15	11	0	5	3	9
16:50	13	9	1	2	6	3
16:55	10	5	5	7	3	1
17:00	16	6	4	2	9	5
17:05	20	6	2	0	6	6
17:10	26	13	2	1	9	3
17:15	15	13	1	1	4	8
17:20	11	20	8	5	7	7
17:25	15	8	0	2	9	5
17:30	12	8	4	2	16	4
17:35	19	20	5	2	6	5
17:40	14	24	0	0	11	5
17:45	21	16	0	2	9	3
17:50	19	14	0	3	9	5
17:55	24	8	4	2	4	5
18:00	28	14	1	3	9	7
18:05	14	7	3	3	8	4
18:10	23	13	2	2	11	2
18:15	21	18	1	4	12	11
18:20	23	9	0	0	7	0
18:25	20	7	1	2	6	9
18:30	16	19	1	1	11	1
18:35	17	10	1	2	8	8
18:40	15	10	4	1	7	3
18:45	23	13	4	0	15	1
18:50	15	6	1	3	21	8
18:55	22	7	1	4	6	13
Total	598	397	88	108	276	181
Start Time	**Rolling Hour**					
16:00	149	108	38	61	56	53
16:05	152	106	41	55	64	55
16:10	164	103	31	51	67	55
16:15	173	101	32	43	72	56
16:20	176	102	30	39	71	55
16:25	176	112	33	39	74	55
16:30	178	112	27	40	77	57
16:35	179	112	30	36	84	56
16:40	183	127	35	34	85	60
16:45	186	143	32	29	89	61
16:50	192	148	32	26	95	55
16:55	198	153	31	27	98	57
17:00	212	156	30	22	99	61
17:05	224	164	27	23	99	63
17:10	218	165	28	26	101	61
17:15	215	165	28	27	103	60
17:20	221	170	28	30	111	63
17:25	233	159	20	25	111	56
17:30	238	158	21	25	108	60
17:35	242	169	18	24	103	57
17:40	240	159	14	24	105	60
17:45	241	145	18	25	101	58
17:50	243	142	22	23	107	56
17:55	239	134	23	23	119	59
18:00	237	133	20	25	121	67

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street/Coburg Street

X Coordinate	Y Coordinate	Google Maps Link
51.527411	-0.135976	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street/Coburg Street

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
07:00	2	2	0	0	1	5	0	0
07:05	2	4	2	1	1	4	0	0
07:10	0	3	1	0	3	4	0	0
07:15	6	1	0	1	2	8	0	0
07:20	0	7	3	0	4	3	0	1
07:25	0	8	0	0	5	30	2	0
07:30	2	8	2	0	4	24	0	0
07:35	1	10	0	0	4	13	1	0
07:40	3	12	0	0	1	58	2	0
07:45	4	14	1	1	1	19	0	0
07:50	2	9	2	1	1	14	2	0
07:55	4	18	4	1	3	15	1	0
08:00	4	14	5	1	3	49	2	0
08:05	3	13	4	0	3	35	1	0
08:10	7	12	0	0	8	11	2	0
08:15	6	19	9	1	6	23	4	1
08:20	2	21	4	0	7	20	1	1
08:25	4	15	4	0	6	33	1	0
08:30	1	14	2	2	11	44	5	0
08:35	6	19	1	2	8	46	2	0
08:40	15	22	1	3	7	46	1	1
08:45	2	16	2	2	3	70	3	0
08:50	6	21	1	1	6	72	2	1
08:55	8	20	1	5	12	38	2	0
09:00	5	13	0	1	4	24	2	0
09:05	7	10	3	2	6	14	3	2
09:10	3	15	1	2	4	32	7	1
09:15	5	14	1	1	9	10	1	0
09:20	1	4	1	0	2	17	0	0
09:25	3	8	0	4	1	15	1	0
09:30	5	4	2	0	2	9	1	0
09:35	3	10	0	2	5	20	1	2
09:40	6	5	0	0	3	8	1	0
09:45	2	7	0	1	6	16	0	0
09:50	1	7	3	1	4	12	2	0
09:55	3	3	0	0	8	10	3	2
Total	134	402	60	36	164	871	56	12
Start Time	**Rolling Hour**							
07:00	26	96	15	5	30	197	8	1
07:05	28	108	20	6	32	241	10	1
07:10	29	117	22	5	34	272	11	1
07:15	36	126	21	5	39	279	13	1
07:20	36	144	30	5	43	294	17	2
07:25	38	158	31	5	46	311	18	2
07:30	42	165	35	5	47	314	17	2
07:35	41	171	35	7	54	334	22	2
07:40	46	180	36	9	58	367	23	2
07:45	58	190	37	12	64	355	22	3
07:50	56	192	38	13	66	406	25	3
07:55	60	204	37	13	71	464	25	4
08:00	64	206	34	17	80	487	26	4
08:05	65	205	29	17	81	462	26	4
08:10	69	202	28	19	84	441	28	6
08:15	65	205	29	21	80	462	33	7
08:20	64	200	21	21	83	449	30	6
08:25	63	183	18	21	78	446	29	5
08:30	62	176	14	25	73	428	29	5
08:35	66	166	14	23	64	393	25	5
08:40	63	157	13	23	61	367	24	7
08:45	54	140	12	20	57	329	24	6
08:50	54	131	10	19	60	275	21	6
08:55	49	117	12	19	58	215	21	5
09:00	44	100	11	14	54	187	22	7

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Drummond Street/Coburg Street

	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	7	11	1	1	11	8	1	0
16:05	11	7	5	2	10	5	3	0
16:10	7	7	0	0	6	4	0	0
16:15	12	2	0	4	9	4	2	0
16:20	9	6	0	3	10	4	1	0
16:25	8	5	1	2	17	7	2	1
16:30	5	4	1	1	10	6	1	0
16:35	3	3	1	1	12	8	0	0
16:40	11	5	2	0	8	0	1	0
16:45	6	7	1	1	18	0	2	7
16:50	13	9	0	4	13	4	4	0
16:55	8	9	5	2	17	3	0	1
17:00	13	6	0	0	15	7	3	0
17:05	19	1	2	5	31	5	0	0
17:10	7	6	1	1	19	6	0	1
17:15	8	5	4	0	15	12	1	3
17:20	16	11	2	5	23	8	2	3
17:25	13	7	3	3	21	11	2	4
17:30	23	6	0	3	24	10	2	1
17:35	16	6	4	1	30	6	5	4
17:40	23	11	4	3	28	9	1	3
17:45	9	4	5	2	23	12	3	1
17:50	13	12	6	3	34	10	3	3
17:55	11	16	4	0	27	16	1	0
18:00	11	11	8	0	24	7	0	3
18:05	13	7	1	2	21	10	5	3
18:10	17	10	3	1	13	16	0	9
18:15	14	4	3	3	16	19	2	0
18:20	10	12	0	4	12	6	4	2
18:25	8	1	1	4	17	15	4	1
18:30	12	6	3	6	18	9	1	0
18:35	11	6	2	1	14	4	2	3
18:40	7	8	1	2	14	4	2	0
18:45	8	4	3	1	20	6	1	2
18:50	4	15	1	1	9	7	2	0
18:55	7	6	1	2	5	3	1	1
Total	393	256	79	74	614	271	64	56
Start Time	**Rolling Hour**							
16:00	100	75	17	21	141	53	17	9
16:05	106	70	16	20	145	52	19	9
16:10	114	64	13	23	166	52	16	9
16:15	114	63	14	24	179	54	16	10
16:20	110	66	18	20	185	62	15	13
16:25	117	71	20	22	198	66	16	16
16:30	122	73	22	23	202	70	16	19
16:35	140	75	21	25	216	74	17	20
16:40	153	78	24	25	234	72	22	24
16:45	165	84	26	28	254	81	22	27
16:50	168	81	30	29	259	93	23	21
16:55	168	84	36	28	280	99	22	24
17:00	171	91	35	26	290	112	23	23
17:05	169	96	43	26	299	112	20	26
17:10	163	102	42	23	289	117	25	29
17:15	173	106	44	23	283	127	25	37
17:20	179	105	43	26	284	134	26	34
17:25	173	106	41	25	273	132	28	33
17:30	168	100	39	26	269	136	30	30
17:35	157	100	42	29	263	135	29	29
17:40	152	100	40	29	247	133	26	28
17:45	136	97	37	28	233	128	27	25
17:50	135	97	35	27	230	122	25	26
17:55	126	100	30	25	205	119	24	23
18:00	122	90	27	27	183	106	24	24

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Street/Cobourg Street

X Coordinate	Y Coordinate	Google Maps Link
51.52691	-0.13557	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Street/Cobourg Street

	07:00 - 10:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
07:00	1	4	0	0	0	2	0	1
07:05	1	2	0	0	2	8	0	2
07:10	1	4	0	0	3	7	3	3
07:15	2	2	0	0	4	6	2	3
07:20	1	1	0	0	3	10	2	2
07:25	0	3	0	1	3	25	0	0
07:30	1	7	0	1	3	19	0	6
07:35	0	1	0	1	3	15	0	0
07:40	2	13	0	0	4	32	1	5
07:45	0	2	0	0	7	12	1	3
07:50	1	9	0	0	6	16	0	3
07:55	1	2	0	1	4	17	0	0
08:00	0	9	0	0	7	39	0	4
08:05	1	8	0	1	1	29	0	6
08:10	2	1	0	0	4	19	0	3
08:15	0	13	3	0	11	35	2	2
08:20	4	8	1	0	9	27	1	3
08:25	1	12	0	0	7	20	3	0
08:30	1	17	0	3	4	39	1	5
08:35	2	12	0	1	4	24	4	2
08:40	0	12	0	1	3	40	3	3
08:45	1	28	2	1	5	45	1	7
08:50	2	3	0	0	15	52	3	8
08:55	2	10	0	1	6	27	1	2
09:00	2	13	1	1	8	31	1	4
09:05	1	9	0	0	6	28	3	2
09:10	2	7	1	0	12	36	1	1
09:15	1	5	0	2	8	20	2	1
09:20	1	8	0	1	9	21	1	1
09:25	0	9	1	0	8	18	0	4
09:30	0	10	0	0	16	15	1	0
09:35	3	17	1	0	2	14	3	2
09:40	0	8	0	1	2	15	2	1
09:45	2	7	0	0	9	21	0	3
09:50	0	7	3	2	4	13	1	0
09:55	0	1	0	0	11	13	0	1
Total	39	284	13	19	213	810	43	93
Start Time	**Rolling Hour**							
07:00	11	50	0	4	42	169	9	28
07:05	10	55	0	4	49	206	9	31
07:10	10	61	0	5	48	227	9	35
07:15	11	58	0	5	49	239	6	35
07:20	9	69	3	5	56	268	6	34
07:25	12	76	4	5	62	285	5	35
07:30	13	85	4	4	66	280	8	35
07:35	13	95	4	6	67	300	9	34
07:40	15	106	4	6	68	309	13	36
07:45	13	105	4	7	67	317	15	34
07:50	14	131	6	8	65	350	15	38
07:55	15	125	6	8	74	386	18	43
08:00	16	133	6	8	76	396	19	45
08:05	18	137	7	9	77	388	20	45
08:10	18	138	7	8	82	387	23	41
08:15	18	144	8	8	90	404	24	39
08:20	19	136	5	10	87	389	24	38
08:25	16	136	4	11	87	383	24	36
08:30	15	133	5	11	88	381	21	40
08:35	14	126	5	8	100	357	21	35
08:40	15	131	6	7	98	347	20	35
08:45	15	127	6	7	97	322	19	33
08:50	16	106	4	6	101	298	18	29
08:55	14	110	7	8	90	259	16	21
09:00	12	101	7	7	95	245	15	20

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Street/Cobourg Street

	16:00 - 19:00							
	Arm A		Arm B		Arm C		Arm D	
Time	A1	A2	B1	B2	C1	C2	D1	D2
16:00	1	2	0	1	6	11	0	0
16:05	1	0	0	0	12	10	3	2
16:10	1	2	0	1	11	2	1	0
16:15	1	2	0	1	19	11	5	0
16:20	0	3	0	0	20	11	2	2
16:25	1	1	0	0	11	9	1	0
16:30	3	1	0	0	9	11	4	1
16:35	5	3	1	0	17	13	2	2
16:40	3	6	3	3	11	7	2	2
16:45	4	4	0	0	10	4	1	0
16:50	2	2	0	0	19	7	2	1
16:55	6	7	0	0	11	4	2	2
17:00	2	2	0	0	21	5	3	1
17:05	2	3	0	1	18	8	1	4
17:10	4	5	0	0	24	9	1	4
17:15	4	0	0	2	17	5	3	0
17:20	4	2	0	1	21	5	0	1
17:25	3	3	0	0	13	8	2	2
17:30	6	7	0	0	19	16	0	2
17:35	5	2	0	0	39	9	4	5
17:40	12	5	1	2	22	8	5	3
17:45	4	5	1	0	23	10	1	4
17:50	7	4	2	3	23	19	2	1
17:55	4	4	1	3	24	11	2	5
18:00	2	4	0	2	24	18	0	5
18:05	2	11	3	1	33	8	5	1
18:10	2	2	0	0	24	13	2	2
18:15	4	4	0	0	22	17	0	5
18:20	1	2	0	1	24	8	1	2
18:25	1	2	1	1	18	5	2	1
18:30	0	1	2	1	27	10	0	3
18:35	1	1	2	2	19	12	2	2
18:40	1	7	1	3	14	13	1	6
18:45	2	1	1	2	17	6	0	3
18:50	0	0	0	2	14	13	4	2
18:55	0	1	1	6	11	15	7	2
Total	101	111	20	39	667	351	73	78
Start Time	**Rolling Hour**							
16:00	28	33	4	6	156	100	25	12
16:05	29	33	4	5	171	94	28	13
16:10	30	36	4	6	177	92	26	15
16:15	33	39	4	5	190	99	26	19
16:20	36	37	4	6	188	93	24	19
16:25	40	36	4	7	189	87	22	18
16:30	42	38	4	7	191	86	23	20
16:35	45	44	4	7	201	91	19	21
16:40	45	43	3	7	223	87	21	24
16:45	54	42	1	6	234	88	24	25
16:50	54	43	2	6	247	94	24	29
16:55	59	45	4	9	251	106	24	29
17:00	57	42	5	12	264	113	24	32
17:05	57	44	5	14	267	126	21	36
17:10	57	52	8	14	282	126	25	33
17:15	55	49	8	14	282	130	26	31
17:20	55	53	8	12	287	142	23	36
17:25	52	53	8	12	290	145	24	37
17:30	50	52	9	13	295	142	24	36
17:35	44	46	11	14	303	136	24	37
17:40	40	45	13	16	283	139	22	34
17:45	29	47	13	17	275	144	18	37
17:50	27	43	13	19	269	140	17	36
17:55	20	39	11	18	260	134	19	37
18:00	16	36	11	21	247	138	24	34

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Churchway / Grafton Place

X Coordinate	Y Coordinate	Google Maps Link
51.52831	-0.130235	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Pedestrian Methodology

Formal crossings within 10m of junction have been included.

Pedestrians crossing within around 5m of the formal crossing area have been included.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Churchway / Grafton Place

	07:00 - 10:00					
	Arm A		Arm B		Arm C	
Time	**A1**	**A2**	**B1**	**B2**	**C1**	**C2**
07:00	2	10	0	0	0	0
07:05	7	2	2	0	0	0
07:10	5	2	0	0	0	0
07:15	15	6	3	0	0	0
07:20	7	8	3	0	0	0
07:25	21	8	0	0	0	1
07:30	14	4	0	0	0	0
07:35	14	5	5	0	0	0
07:40	19	7	0	1	0	0
07:45	17	8	3	1	0	2
07:50	11	7	1	0	0	0
07:55	24	7	1	0	0	1
08:00	27	6	6	0	0	0
08:05	11	9	3	2	0	0
08:10	16	8	1	0	0	0
08:15	13	7	3	2	0	0
08:20	22	9	4	3	0	0
08:25	13	8	0	0	0	0
08:30	14	14	0	0	0	0
08:35	27	7	10	4	1	1
08:40	25	9	3	0	0	1
08:45	21	7	2	2	0	0
08:50	18	13	2	2	0	1
08:55	26	11	1	0	0	0
09:00	26	19	1	0	2	0
09:05	10	9	1	2	2	0
09:10	20	7	0	0	0	0
09:15	20	10	0	0	2	1
09:20	18	13	0	0	0	1
09:25	11	6	1	0	0	0
09:30	11	9	1	1	0	0
09:35	14	5	1	0	0	0
09:40	18	8	0	0	0	1
09:45	7	2	3	1	0	0
09:50	13	6	1	0	1	0
09:55	21	2	0	0	0	0
Total	578	278	62	21	8	10
Start Time	**Rolling Hour**					
07:00	156	74	18	2	0	4
07:05	181	70	24	2	0	4
07:10	185	77	25	4	0	4
07:15	196	83	26	4	0	4
07:20	194	84	26	6	0	4
07:25	209	85	27	9	0	4
07:30	201	85	27	9	0	3
07:35	201	95	27	9	0	3
07:40	214	97	32	13	1	4
07:45	220	99	35	12	1	5
07:50	224	98	34	13	1	3
07:55	231	104	35	15	1	4
08:00	233	108	35	15	1	3
08:05	232	121	30	15	3	3
08:10	231	121	28	15	5	3
08:15	235	120	27	15	5	3
08:20	242	123	24	13	7	4
08:25	238	127	20	10	7	5
08:30	236	125	21	10	7	5
08:35	233	120	22	11	7	5
08:40	220	118	13	7	6	4
08:45	213	117	10	7	6	4
08:50	199	112	11	6	6	4
08:55	194	105	10	4	7	3
09:00	189	96	9	4	7	3

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Churchway / Grafton Place

	16:00 - 19:00					
	Arm A		Arm B		Arm C	
Time	A1	A2	B1	B2	C1	C2
16:00	16	6	1	2	0	0
16:05	13	10	0	0	0	0
16:10	12	13	1	1	0	0
16:15	21	15	0	1	0	0
16:20	19	14	0	0	0	0
16:25	17	7	1	0	0	0
16:30	16	12	2	0	2	1
16:35	12	9	0	0	1	3
16:40	23	11	0	0	0	0
16:45	16	10	0	1	1	0
16:50	14	10	1	0	0	0
16:55	15	11	1	3	0	0
17:00	18	14	9	4	0	0
17:05	16	25	9	2	0	0
17:10	22	19	4	0	0	1
17:15	17	22	4	2	1	0
17:20	17	11	2	0	2	0
17:25	18	18	7	0	0	0
17:30	13	27	6	1	1	0
17:35	9	20	0	0	0	0
17:40	14	33	1	0	1	0
17:45	29	19	10	1	1	0
17:50	24	16	2	1	0	0
17:55	14	17	2	4	3	0
18:00	12	15	0	0	1	0
18:05	18	11	2	1	0	0
18:10	24	14	2	0	0	0
18:15	15	15	4	1	0	0
18:20	15	12	0	0	0	0
18:25	8	14	0	1	2	0
18:30	6	9	3	0	0	0
18:35	29	13	1	0	0	1
18:40	10	17	1	0	0	0
18:45	19	10	2	0	0	0
18:50	17	13	0	1	0	0
18:55	11	13	1	0	0	0
Total	589	525	79	27	16	6
Start Time	**Rolling Hour**					
16:00	194	128	7	8	4	4
16:05	196	136	15	10	4	4
16:10	199	151	24	12	4	4
16:15	209	157	27	11	4	5
16:20	205	164	31	12	5	5
16:25	203	161	33	12	7	5
16:30	204	172	39	12	7	5
16:35	201	187	43	13	6	4
16:40	198	198	43	13	5	1
16:45	189	220	44	13	6	1
16:50	202	229	54	13	6	1
16:55	212	235	55	14	6	1
17:00	211	241	56	15	9	1
17:05	205	242	47	11	10	1
17:10	207	228	40	10	10	1
17:15	209	223	38	10	10	0
17:20	207	216	38	9	9	0
17:25	205	217	36	9	7	0
17:30	195	213	29	10	9	0
17:35	188	195	26	9	8	0
17:40	208	188	27	9	8	1
17:45	204	172	27	9	7	1
17:50	194	163	19	8	6	1
17:55	187	160	17	8	6	1
18:00	184	156	16	4	3	1

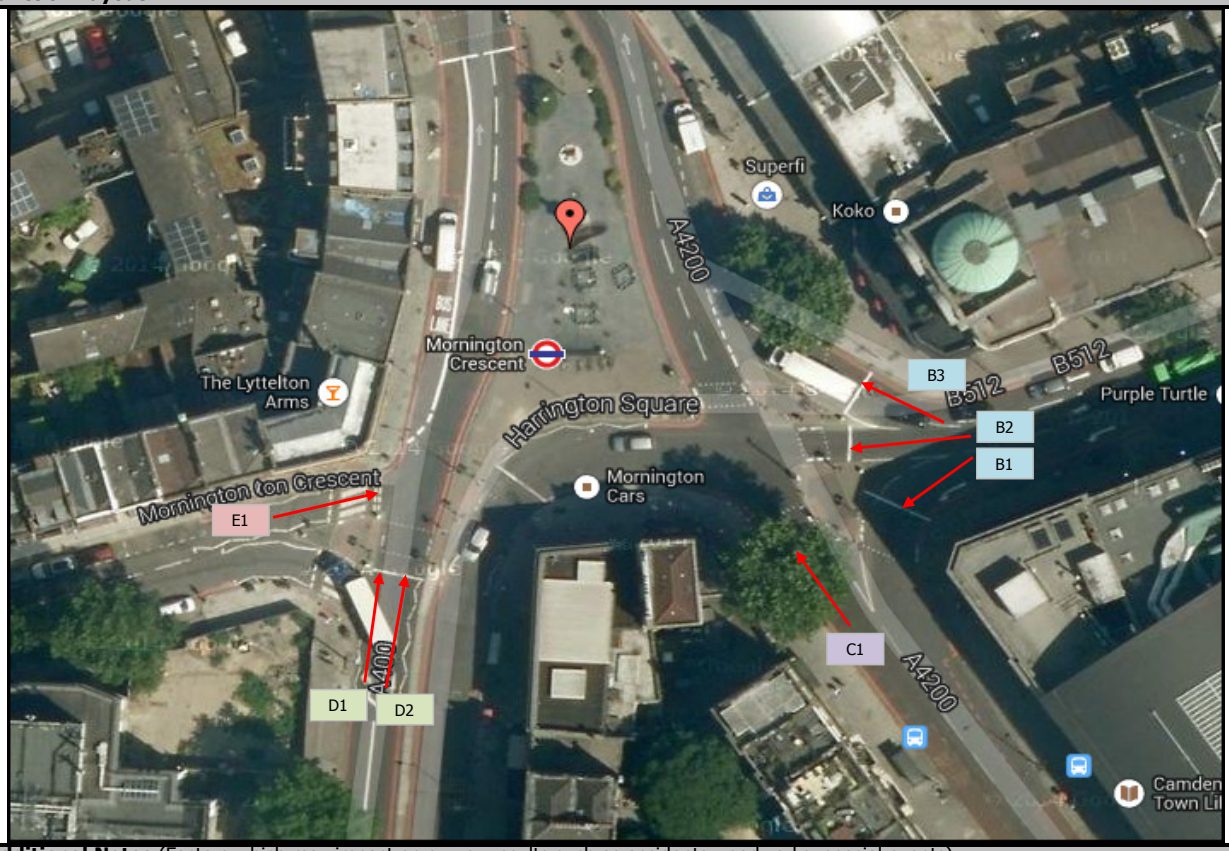
Appendix H – saturation and degree of saturation

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 6
Date of Survey: 10.06.2014
Junction Name: Camden High Street / Eversholt Street / Crowndale Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.534642	-0.138893	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

The small flare lane in Arm B was combined with B3. The instance of full demand in B3 is lowered by congestion ahead.

Lane E1 is not signalised.

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001981
Site Number: Site 6
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:23:49	0	0	0	0	0	0	0	0	0	0	06:23:51	2	0	2	0	0	2	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
2	06:28:37	0	0	0	0	0	0	0	0	0	0	06:28:39	17	1	9	0	0	12	0	5	10	55		0	0	0	0	0	0	0	0	0	0		0
3											0											0											0		
4											0											0											0		
5											0											0											0		
6											0											0											0		
7											0											0											0		
8											0											0											0		
9											0											0											0		
10											0											0											0		

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	08:02:48	08:02:50	08:06:08	08:06:11	08:06:24	00:03:18	00:03:34		
	2	08:06:24	08:06:26	08:07:20	08:07:23	08:07:36	00:00:54	00:01:10		
08:00 - 08:15	3	08:07:36	08:07:38	08:09:08	08:09:11	08:09:24	00:01:30	00:01:46	43	172
	4	08:09:24	08:09:26	08:12:44	08:12:47	08:13:00	00:03:18	00:03:34		
	5	08:13:00	08:13:02	08:14:33	08:14:36	08:14:49	00:01:31	00:01:47		
	6	08:19:05	08:19:07	08:21:08	08:21:11	08:21:24	00:02:06	00:02:22		
	7	08:21:24	08:21:26	08:22:20	08:22:23	08:22:36	00:00:54	00:01:10		
08:15 - 08:30	8	08:22:36	08:22:38	08:23:32	08:23:35	08:23:48	00:00:54	00:01:10	57	228
	9	08:23:48	08:23:50	08:24:08	08:24:11	08:24:24	00:00:18	00:00:34		
	10	08:24:24	08:24:26	08:24:44	08:24:47	08:25:00	00:00:18	00:00:34		
	11	08:32:48	08:32:50	08:33:08	08:33:11	08:33:24	00:00:18	00:00:34		
	12	08:33:24	08:33:26	08:33:44	08:33:47	08:34:00	00:00:18	00:00:34		
08:30 - 08:45	13	08:35:12	08:35:14	08:36:08	08:36:11	08:36:24	00:00:54	00:01:10	48	192
	14	08:37:36	08:37:38	08:38:32	08:38:35	08:38:48	00:00:54	00:01:10		
	15	08:41:48	08:41:50	08:44:32	08:44:35	08:44:48	00:02:42	00:02:58		
	16	08:45:24	08:45:26	08:45:44	08:45:47	08:46:00	00:00:18	00:00:34		
	17	08:52:00	08:52:02	08:52:56	08:52:59	08:53:12	00:00:54	00:01:10		
08:45 - 09:00	18	08:53:12	08:53:14	08:54:08	08:54:11	08:54:24	00:00:54	00:01:10	61	244
	19	08:54:24	08:54:26	08:55:20	08:55:23	08:55:36	00:00:54	00:01:10		
	20	08:56:48	08:56:50	08:58:20	08:58:23	08:58:36	00:01:30	00:01:46		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	17:05:09	17:05:11	17:05:29	17:05:32	17:05:45	00:00:18	00:00:34		
	2	17:05:45	17:05:47	17:06:41	17:06:44	17:06:57	00:00:54	00:01:10		
17:00 - 17:15	3	17:08:09	17:08:11	17:08:29	17:08:32	17:08:45	00:00:18	00:00:34	31	124
	4	17:09:57	17:09:59	17:11:29	17:11:32	17:11:45	00:01:30	00:01:46		
	5	17:12:21	17:12:23	17:12:41	17:12:44	17:12:57	00:00:18	00:00:34		
	6	17:15:57	17:15:59	17:17:29	17:17:32	17:17:45	00:01:30	00:01:46		
	7	17:19:33	17:19:35	17:20:29	17:20:32	17:20:45	00:00:54	00:01:10		
17:15 - 17:30	8	17:23:45	17:23:47	17:25:18	17:25:21	17:25:34	00:01:31	00:01:47	28	112
	9	17:25:34	17:25:36	17:26:29	17:26:32	17:26:45	00:00:53	00:01:09		
	10	17:27:57	17:27:59	17:28:17	17:28:20	17:28:33	00:00:18	00:00:34		
	11	17:30:57	17:30:59	17:31:53	17:31:56	17:32:09	00:00:54	00:01:10		
	12	17:33:21	17:33:23	17:34:17	17:34:20	17:34:33	00:00:54	00:01:10		
17:30 - 17:45	13	17:35:45	17:35:47	17:37:53	17:37:56	17:38:09	00:02:06	00:02:22	42	168
	14	17:39:21	17:39:23	17:41:29	17:41:32	17:41:45	00:02:06	00:02:22		
	15	17:41:45	17:41:47	17:43:17	17:43:20	17:43:33	00:01:30	00:01:46		
	16	17:45:23	17:45:25	17:48:05	17:48:08	17:48:21	00:02:40	00:02:56		
	17	17:49:33	17:49:35	17:52:17	17:52:20	17:52:33	00:02:42	00:02:58		
17:45 - 18:00	18	17:52:33	17:52:35	17:55:17	17:55:20	17:55:33	00:02:42	00:02:58	48	192
	19	17:56:45	17:56:47	17:57:41	17:57:44	17:57:57	00:00:54	00:01:10		
	20	17:57:57	17:57:59	18:00:41	18:00:44	18:00:57	00:02:42	00:02:58		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	43	172	00:02:22	00:02:06	0	0.00%	
08:15 - 08:30	57	228	00:01:10	00:00:54	0	0.00%	
08:30 - 08:45	48	192	00:01:17	00:01:01	0	0.00%	Average
08:45 - 09:00	61	244	00:01:10	00:00:54	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	31	124	00:00:56	00:00:40	0	0.00%	
17:15 - 17:30	28	112	00:01:17	00:01:01	0	0.00%	
17:30 - 17:45	42	168	00:01:46	00:01:30	0	0.00%	Average
17:45 - 18:00	48	192	00:02:36	00:02:20	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:28:21	0	0	0	0	0	0	0	0	0	0	06:28:24	0	0	0	0	0	0	0	0	0	0	06:28:37	00:04:46
0	0	0	0	0	0	0	0	0	07:09:45	0	0	0	0	0	0	0	0	0	0	07:09:48	0	0	0	0	0	1	0	0	0	2	07:10:01	00:41:22
								0											0											0		00:00:00
								0											0											0		00:00:00
								0											0											0		00:00:00
								0											0											0		00:00:00
								0											0											0		00:00:00
								0											0											0		00:00:00
								0											0											0		00:00:00
								0											0											0		00:00:00

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001081
Site Number: Site 6
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:52	0	0	0	0	0	0	0	0	0	0	06:01:54	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:06:45	0	0	0	0	0	0	0	0	0	0	06:06:47	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:17:26	0	0	0	0	0	0	0	0	0	0	06:17:28	2	0	0	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
4	06:22:17	0	0	0	0	0	0	0	0	0	0	06:22:19	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:29:37	0	0	0	0	0	0	0	0	0	0	06:29:39	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:38:07	0	0	0	0	0	0	0	0	0	0	06:38:09	0	1	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:40:28	0	0	0	0	0	0	0	0	0	0	06:40:30	2	1	0	0	0	1	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0
8	06:45:21	0	0	0	0	0	0	0	0	0	0	06:45:23	0	0	0	1	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
9	06:48:51	0	0	0	0	0	0	0	0	0	0	06:48:53	2	0	0	0	0	2	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:56:03	0	0	0	0	0	0	0	0	0	0	06:56:05	3	1	1	0	0	0	0	0	2	5		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:00	08:02:02	08:02:35	08:02:38	08:03:12	00:00:33	00:01:10	73	292
	2	08:04:20	08:04:22	08:04:56	08:04:59	08:05:32	00:00:34	00:01:10		
	3	08:06:52	08:06:54	08:07:15	08:07:18	08:08:05	00:00:21	00:01:11		
	4	08:10:19	08:10:21	08:10:52	08:10:55	08:11:34	00:00:31	00:01:13		
	5	08:12:46	08:12:48	08:13:13	08:13:16	08:14:02	00:00:26	00:01:14		
08:15 - 08:30	6	08:16:23	08:16:25	08:16:51	08:16:54	08:17:43	00:00:25	00:01:18	77	308
	7	08:21:09	08:21:11	08:21:41	08:21:44	08:22:20	00:00:30	00:01:09		
	8	08:23:31	08:23:37	08:24:07	08:24:10	08:24:47	00:00:30	00:01:10		
	9	08:25:55	08:25:57	08:26:33	08:26:36	08:27:10	00:00:36	00:01:13		
	10	08:27:16	08:27:12	08:27:42	08:27:45	08:28:22	00:00:30	00:01:10		
08:30 - 08:45	11	08:31:52	08:31:54	08:32:24	08:32:27	08:33:08	00:00:30	00:01:14	55	220
	12	08:35:37	08:35:39	08:36:02	08:36:05	08:36:46	00:00:23	00:01:07		
	13	08:39:18	08:39:20	08:39:45	08:39:48	08:40:31	00:00:25	00:01:11		
	14	08:41:36	08:41:38	08:42:07	08:42:10	08:42:47	00:00:29	00:01:09		
	15	08:42:47	08:42:49	08:43:23	08:43:26	08:44:02	00:00:34	00:01:13		
08:45 - 09:00	16	08:45:10	08:45:12	08:45:45	08:45:48	08:46:25	00:00:33	00:01:13	72	288
	17	08:47:33	08:47:35	08:48:10	08:48:13	08:48:41	00:00:35	00:01:06		
	18	08:52:25	08:52:27	08:52:51	08:52:54	08:53:30	00:00:24	00:01:03		
	19	08:54:41	08:54:43	08:55:19	08:55:22	08:55:56	00:00:36	00:01:13		
	20	08:57:11	08:57:13	08:57:51	08:57:54	08:58:27	00:00:38	00:01:14		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:01	17:02:03	17:02:27	17:02:30	17:03:10	00:00:24	00:01:07	30	120
	2	17:04:26	17:04:28	17:04:52	17:04:55	17:05:39	00:00:24	00:01:13		
	3	17:07:55	17:07:57	17:08:25	17:08:28	17:09:11	00:00:28	00:01:14		
	4	17:10:34	17:10:36	17:10:57	17:11:00	17:11:39	00:00:21	00:01:03		
	5	17:13:38	17:13:40	17:14:20	17:14:23	17:15:07	00:00:40	00:01:13		
17:15 - 17:30	6	17:17:28	17:17:30	17:18:00	17:18:03	17:18:40	00:00:30	00:01:10	53	212
	7	17:19:52	17:19:54	17:20:23	17:20:26	17:21:08	00:00:29	00:01:14		
	8	17:22:16	17:22:18	17:22:39	17:22:42	17:23:28	00:00:21	00:01:10		
	9	17:25:52	17:25:59	17:26:13	17:26:16	17:27:06	00:00:14	00:01:07		
	10	17:28:18	17:28:20	17:28:46	17:28:49	17:29:33	00:00:26	00:01:13		
17:30 - 17:45	11	17:30:49	17:30:51	17:31:11	17:31:14	17:31:54	00:00:20	00:01:03	55	220
	12	17:34:16	17:34:18	17:34:49	17:34:52	17:35:27	00:00:31	00:01:09		
	13	17:37:53	17:37:55	17:38:20	17:38:23	17:39:05	00:00:25	00:01:10		
	14	17:40:13	17:40:15	17:40:44	17:40:47	17:41:32	00:00:29	00:01:17		
	15	17:42:45	17:42:47	17:43:10	17:43:13	17:43:54	00:00:23	00:01:07		
17:45 - 18:00	16	17:46:21	17:46:23	17:46:44	17:46:47	17:47:25	00:00:21	00:01:02	50	200
	17	17:49:57	17:49:59	17:50:23	17:50:26	17:51:02	00:00:24	00:01:03		
	18	17:53:26	17:53:28	17:53:49	17:53:52	17:54:38	00:00:21	00:01:10		
	19	17:56:01	17:56:03	17:56:24	17:56:27	17:57:10	00:00:21	00:01:07		
	20	17:57:10	17:57:12	17:57:37	17:57:40	17:58:26	00:00:25	00:01:14		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	73	292	00:01:12	00:00:29	0	0.00%	
08:15 - 08:30	77	308	00:01:12	00:00:30	0	0.00%	
08:30 - 08:45	55	220	00:01:11	00:00:28	0	0.00%	Average
08:45 - 09:00	72	288	00:01:10	00:00:33	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	30	120	00:01:10	00:00:23	0	0.00%	
17:15 - 17:30	53	212	00:01:11	00:00:24	0	0.00%	
17:30 - 17:45	55	220	00:01:09	00:00:26	0	0.00%	Average
17:45 - 18:00	50	200	00:01:07	00:00:22	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:25	0	0	0	0	0	0	0	0	0	0	06:02:28	0	0	0	0	0	0	0	0	0	0	06:02:57	00:01:03
0	0	0	0	0	0	0	0	0	06:07:11	0	0	0	0	0	0	0	0	0	0	06:07:14	0	0	0	0	0	0	0	0	0	0	06:07:58	00:01:11
0	0	0	0	0	0	0	0	0	06:17:59	0	0	0	0	0	0	0	0	0	0	06:18:02	0	0	0	0	0	0	0	0	0	0	06:18:45	00:01:17
0	0	0	0	0	0	0	0	0	06:22:52	0	0	0	0	0	0	0	0	0	0	06:22:55	0	0	0	0	0	0	0	0	0	0	06:23:36	00:01:17
0	0	0	0	0	0	0	0	0	06:29:58	0	0	0	0	0	0	0	0	0	0	06:30:01	0	0	0	0	0	0	0	0	0	0	06:30:50	00:01:11
0	0	0	0	0	0	0	0	0	06:38:27	0	0	0	0	0	0	0	0	0	0	06:38:30	0	0	0	0	0	0	0	0	1	0	06:39:20	00:01:11
0	0	0	0	0	0	0	0	0	06:40:55	0	0	0	0	0	0	0	0	0	0	06:40:58	0	0	0	0	0	0	0	0	0	0	06:41:39	00:01:09
0	0	0	0	0	0	0	0	0	06:45:37	0	0	0	0	0	0	0	0	0	0	06:45:40	0	0	0	0	0	0	0	0	0	0	06:46:34	00:01:11
0	0	0	0	0	0	0	0	0	06:49:17	0	0	0	0	0	0	0	0	0	0	06:49:20	0	0	0	0	0	0	0	0	0	0	06:50:10	00:01:17
0	0	0	0	0	0	0	0	0	06:56:33	0	0	0	0	0	0	0	0	0	0	06:56:36	0	0	0	0	0	0	0	0	0	0	06:57:14	00:01:09

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001081
Site Number: Site 6
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:57	0	0	0	0	0	0	0	0	0	0	06:02:59	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:09:03	0	0	0	0	0	0	0	0	0	0	06:09:05	1	0	1	0	0	0	0	0	0	2	06:09:09	0	0	0	0	0	0	0	0	0	0	06:09:30	0
3	06:16:21	0	0	0	0	0	0	0	0	0	0	06:16:23	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:24:45	0	0	0	0	0	0	0	0	0	0	06:24:47	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:30:50	0	0	0	0	0	0	0	0	0	0	06:30:52	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:39:20	0	0	0	0	0	0	0	0	0	0	06:39:22	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:40:28	0	0	0	0	0	0	0	0	0	0	06:40:30	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:46:34	0	0	0	0	0	0	0	0	0	0	06:46:36	4	0	1	1	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:50:10	0	0	0	0	0	0	0	0	0	0	06:50:12	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:57:14	0	0	0	0	0	0	0	0	0	0	06:57:16	0	0	1	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:00	08:02:02	08:02:35	08:02:38	08:03:12	00:00:33	00:01:10	67	268
	2	08:04:20	08:04:22	08:04:56	08:04:59	08:05:32	00:00:34	00:01:10		
	3	08:06:52	08:06:54	08:07:15	08:07:18	08:08:05	00:00:21	00:01:11		
	4	08:10:19	08:10:21	08:10:52	08:10:55	08:11:34	00:00:31	00:01:13		
	5	08:12:46	08:12:48	08:13:13	08:13:16	08:14:02	00:00:26	00:01:14		
08:15 - 08:30	6	08:16:23	08:16:25	08:16:51	08:16:54	08:17:43	00:00:25	00:01:18	61	244
	7	08:21:09	08:21:11	08:21:41	08:21:44	08:22:20	00:00:30	00:01:09		
	8	08:23:31	08:23:37	08:24:07	08:24:10	08:24:47	00:00:30	00:01:10		
	9	08:25:55	08:25:57	08:26:33	08:26:36	08:27:10	00:00:36	00:01:13		
	10	08:27:16	08:27:12	08:27:42	08:27:45	08:28:22	00:00:30	00:01:10		
08:30 - 08:45	11	08:31:52	08:31:54	08:32:24	08:32:27	08:33:08	00:00:30	00:01:14	65	260
	12	08:35:37	08:35:39	08:36:02	08:36:05	08:36:46	00:00:23	00:01:07		
	13	08:39:18	08:39:20	08:39:45	08:39:48	08:40:31	00:00:25	00:01:11		
	14	08:41:36	08:41:38	08:42:07	08:42:10	08:42:47	00:00:29	00:01:09		
	15	08:42:47	08:42:49	08:43:23	08:43:26	08:44:02	00:00:34	00:01:13		
08:45 - 09:00	16	08:45:10	08:45:12	08:45:45	08:45:48	08:46:25	00:00:33	00:01:13	68	272
	17	08:47:33	08:47:35	08:48:10	08:48:13	08:48:41	00:00:35	00:01:06		
	18	08:52:25	08:52:27	08:52:51	08:52:54	08:53:30	00:00:24	00:01:03		
	19	08:54:41	08:54:43	08:55:19	08:55:22	08:55:56	00:00:36	00:01:13		
	20	08:57:11	08:57:13	08:57:51	08:57:54	08:58:27	00:00:38	00:01:14		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:01	17:02:03	17:02:27	17:02:30	17:03:10	00:00:24	00:01:07	64	256
	2	17:04:26	17:04:28	17:04:52	17:04:55	17:05:39	00:00:24	00:01:13		
	3	17:07:55	17:07:57	17:08:25	17:08:28	17:09:11	00:00:28	00:01:14		
	4	17:10:34	17:10:36	17:10:57	17:11:00	17:11:39	00:00:21	00:01:03		
	5	17:13:28	17:13:30	17:14:00	17:14:03	17:14:49	00:00:30	00:01:15		
17:15 - 17:30	6	17:17:38	17:17:39	17:18:00	17:18:03	17:18:40	00:00:20	00:01:02	58	232
	7	17:19:52	17:19:54	17:20:23	17:20:26	17:21:08	00:00:29	00:01:14		
	8	17:22:16	17:22:18	17:22:39	17:22:42	17:23:28	00:00:21	00:01:10		
	9	17:25:57	17:25:59	17:26:13	17:26:16	17:27:06	00:00:14	00:01:07		
	10	17:28:18	17:28:20	17:28:46	17:28:49	17:29:33	00:00:26	00:01:13		
17:30 - 17:45	11	17:30:49	17:30:51	17:31:11	17:31:14	17:31:54	00:00:20	00:01:03	59	236
	12	17:34:16	17:34:18	17:34:49	17:34:52	17:35:27	00:00:31	00:01:09		
	13	17:37:53	17:37:55	17:38:20	17:38:23	17:39:05	00:00:25	00:01:10		
	14	17:40:13	17:40:15	17:40:44	17:40:47	17:41:32	00:00:29	00:01:17		
	15	17:42:45	17:42:47	17:43:10	17:43:13	17:43:54	00:00:23	00:01:07		
17:45 - 18:00	16	17:46:21	17:46:23	17:46:44	17:46:47	17:47:25	00:00:21	00:01:02	66	264
	17	17:49:57	17:49:59	17:50:23	17:50:26	17:51:02	00:00:24	00:01:03		
	18	17:53:26	17:53:28	17:53:49	17:53:52	17:54:38	00:00:21	00:01:10		
	19	17:56:01	17:56:03	17:56:24	17:56:27	17:57:10	00:00:21	00:01:07		
	20	17:57:10	17:57:12	17:57:37	17:57:40	17:58:26	00:00:25	00:01:14		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
8	00:00:21	1371	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	1371

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	67	268	00:01:12	00:00:29	1371	48.58%	
08:15 - 08:30	61	244	00:01:12	00:00:30	1371	42.14%	
08:30 - 08:45	65	260	00:01:11	00:00:28	1371	47.60%	Average
08:45 - 09:00	68	272	00:01:10	00:00:33	1371	41.70%	45.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	64	256	00:01:10	00:00:23	1371	57.65%	
17:15 - 17:30	58	232	00:01:11	00:00:24	1371	49.90%	
17:30 - 17:45	59	236	00:01:09	00:00:26	1371	46.52%	Average
17:45 - 18:00	66	264	00:01:07	00:00:22	1371	57.75%	52.96%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:33	0	0	0	0	0	0	0	0	0	0	06:03:36	0	0	0	0	0	0	0	0	0	0	06:04:19	00:01:20
0	0	0	0	0	0	0	0	0	06:09:38	0	0	0	0	0	0	0	0	0	0	06:09:41	0	0	0	0	0	0	0	0	0	0	06:10:14	00:01:09
0	0	0	0	0	0	0	0	0	06:16:43	0	0	0	0	0	0	0	0	0	0	06:16:46	0	0	0	0	0	0	0	0	0	0	06:17:26	00:01:03
0	0	0	0	0	0	0	0	0	06:29:14	0	0	0	0	0	0	0	0	0	0	06:29:17	0	0	0	0	0	0	0	0	0	0	06:29:57	00:01:10
0	0	0	0	0	0	0	0	0	06:31:13	0	0	0	0	0	0	0	0	0	0	06:31:16	0	0	0	0	0	0	0	0	0	0	06:32:03	00:01:11
0	0	0	0	0	0	0	0	0	06:39:39	0	0	0	0	0	0	0	0	0	0	06:39:42	0	0	0	0	0	0	0	0	0	0	06:40:28	00:01:06
0	0	0	0	0	0	0	0	0	06:40:55	0	0	0	0	0	0	0	0	0	0	06:40:58	0	0	0	0	0	0	0	0	0	0	06:41:39	00:01:09
0	0	0	0	0	0	0	0	0	06:46:55	0	0	0	0	0	0	0	0	0	0	06:46:58	0	0	0	0	0	0	0	0	0	0	06:47:43	00:01:07
0	0	0	0	0	0	0	0	0	06:50:26	0	0	0	0	0	0	0	0	0	0	06:50:29	0	0	0	0	0	0	0	0	0	0	06:51:19	00:01:07
0	0	0	0	0	0	0	0	0	06:57:42	0	0	0	0	0	0	0	0	0	0	06:57:45	0	0	0	0	0	0	0	0	1	0	06:58:37	00:01:21

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 6
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:32	0	0	0	0	0	0	0	0	0	0	06:03:34	2	1	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:09:37	0	0	0	0	0	0	0	0	0	0	06:09:39	1	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:17:58	0	0	0	0	0	0	0	0	0	0	06:18:00	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
4	06:25:14	0	0	0	0	0	0	0	0	0	0	06:25:16	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:31:12	0	0	0	0	0	0	0	0	0	0	06:31:14	5	0	2	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
6	06:34:44	0	0	0	0	0	0	0	0	1	0	06:34:46	2	0	3	0	0	2	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
7	06:39:38	0	0	0	0	0	0	0	0	0	0	06:39:40	1	0	1	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
8	06:45:36	0	0	0	0	0	0	0	0	0	0	06:45:38	2	1	4	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:51:39	0	0	0	0	0	0	0	0	0	0	06:51:41	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
10	06:57:41	0	0	0	0	0	0	0	0	0	0	06:57:43	2	0	2	1	0	1	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	08:01:19	08:01:21	08:01:52	08:01:55	08:02:35	00:00:31	00:01:14	80	320
	08:03:48	08:03:50	08:04:12	08:04:15	08:04:56	00:00:22	00:01:06		
	08:07:15	08:07:17	08:07:57	08:08:00	08:08:34	00:00:40	00:01:17		
	08:10:52	08:10:54	08:11:26	08:11:29	08:12:08	00:00:32	00:01:14		
	08:13:12	08:13:14	08:13:54	08:13:57	08:14:38	00:00:40	00:01:14		
08:15 - 08:30	08:15:39	08:15:41	08:16:15	08:16:18	08:16:51	00:00:34	00:01:09	65	260
	08:20:25	08:20:27	08:21:01	08:21:04	08:21:41	00:00:34	00:01:14		
	08:25:20	08:25:22	08:25:47	08:25:50	08:26:32	00:00:25	00:01:10		
	08:26:32	08:26:34	08:27:02	08:27:05	08:27:42	00:00:28	00:01:08		
	08:27:42	08:27:44	08:28:14	08:28:17	08:28:58	00:00:30	00:01:14		
08:30 - 08:45	08:32:24	08:32:26	08:33:00	08:33:03	08:33:35	00:00:34	00:01:09	81	324
	08:34:50	08:34:52	08:35:29	08:35:32	08:36:02	00:00:37	00:01:10		
	08:36:02	08:36:04	08:36:38	08:36:41	08:37:18	00:00:34	00:01:14		
	08:38:26	08:38:28	08:39:10	08:39:13	08:39:45	00:00:42	00:01:17		
	08:43:23	08:43:25	08:43:54	08:43:57	08:44:36	00:00:29	00:01:11		
08:45 - 09:00	08:45:45	08:45:47	08:46:16	08:46:19	08:47:01	00:00:29	00:01:14	61	244
	08:49:14	08:49:16	08:49:52	08:49:55	08:50:32	00:00:36	00:01:16		
	08:51:46	08:51:48	08:52:17	08:52:20	08:52:51	00:00:29	00:01:03		
	08:55:19	08:55:21	08:55:47	08:55:50	08:56:37	00:00:26	00:01:16		
	08:57:50	08:57:52	08:58:19	08:58:22	08:59:00	00:00:27	00:01:08		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	17:05:57	17:05:59	17:06:32	17:06:35	17:07:05	00:00:33	00:01:08	108	432
	17:08:24	17:08:26	17:09:03	17:09:06	17:09:33	00:00:37	00:01:07		
	17:10:37	17:10:39	17:11:21	17:11:24	17:11:48	00:00:42	00:01:09		
	17:11:48	17:11:50	17:12:29	17:12:32	17:13:07	00:00:39	00:01:17		
	17:13:07	17:13:09	17:13:44	17:13:47	17:14:30	00:00:35	00:01:17		
17:15 - 17:30	17:15:25	17:15:27	17:16:05	17:16:08	17:16:44	00:00:38	00:01:17	102	408
	17:19:04	17:19:06	17:19:44	17:19:47	17:20:23	00:00:38	00:01:17		
	17:21:35	17:21:37	17:22:08	17:22:11	17:22:39	00:00:31	00:01:02		
	17:23:54	17:23:56	17:24:40	17:24:43	17:25:00	00:00:44	00:01:06		
	17:26:13	17:26:15	17:26:58	17:27:01	17:27:32	00:00:43	00:01:17		
17:30 - 17:45	17:31:11	17:31:13	17:31:46	17:31:49	17:32:24	00:00:33	00:01:11	81	324
	17:33:33	17:33:35	17:34:08	17:34:11	17:34:49	00:00:33	00:01:14		
	17:36:02	17:36:04	17:36:30	17:36:33	17:37:15	00:00:26	00:01:11		
	17:40:44	17:40:46	17:41:24	17:41:27	17:41:55	00:00:38	00:01:09		
	17:43:10	17:43:12	17:43:46	17:43:49	17:44:29	00:00:34	00:01:17		
17:45 - 18:00	17:45:33	17:45:35	17:46:13	17:46:16	17:46:44	00:00:38	00:01:09	81	324
	17:47:56	17:47:58	17:48:36	17:48:39	17:49:04	00:00:38	00:01:06		
	17:51:27	17:51:29	17:52:06	17:52:09	17:52:38	00:00:37	00:01:09		
	17:55:08	17:55:10	17:55:53	17:55:56	17:56:24	00:00:43	00:01:14		
	17:57:37	17:57:39	17:58:18	17:58:21	17:58:50	00:00:39	00:01:11		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	80	320	00:01:13	00:00:33	0	0.00%	
08:15 - 08:30	65	260	00:01:11	00:00:30	0	0.00%	
08:30 - 08:45	81	324	00:01:12	00:00:35	0	0.00%	Average
08:45 - 09:00	61	244	00:01:11	00:00:29	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	108	432	00:01:10	00:00:37	0	0.00%	
17:15 - 17:30	102	408	00:01:11	00:00:39	0	0.00%	
17:30 - 17:45	81	324	00:01:12	00:00:33	0	0.00%	Average
17:45 - 18:00	81	324	00:01:10	00:00:39	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:10	0	0	0	0	0	0	0	0	0	0	06:04:13	0	0	0	0	0	0	0	0	0	0	06:04:43	00:01:09
0	0	0	0	0	0	0	0	0	06:10:05	0	0	0	0	0	0	0	0	0	0	06:10:08	0	0	0	0	0	0	0	0	0	0	06:10:42	00:01:03
0	0	0	0	0	0	0	0	0	06:18:36	0	0	1	0	0	0	0	0	0	1	06:18:39	0	0	0	0	0	0	0	0	0	0	06:19:12	00:01:12
0	0	0	0	0	0	0	0	0	06:25:48	0	0	0	0	0	0	0	0	0	0	06:25:51	0	0	0	0	0	0	0	0	0	0	06:26:25	00:01:09
0	0	0	0	0	0	0	0	0	06:31:54	0	0	0	0	0	0	0	0	0	0	06:31:57	0	0	0	0	0	0	0	0	0	0	06:32:24	00:01:10
0	0	0	0	0	0	0	0	0	06:35:33	0	0	0	0	0	0	0	0	0	0	06:35:36	0	0	0	0	0	0	0	0	0	0	06:35:56	00:01:10
0	0	0	0	0	0	0	0	0	06:40:19	0	0	0	0	0	0	0	0	0	0	06:40:22	0	0	0	0	0	0	0	0	0	0	06:40:54	00:01:14
0	0	0	0	0	0	0	0	0	06:46:25	0	0	0	0	0	0	0	0	0	0	06:46:28	0	0	0	0	0	0	0	0	0	0	06:46:54	00:01:16
0	0	0	0	0	0	0	0	0	06:52:22	0	0	0	0	0	0	0	0	0	0	06:52:25	0	0	0	0	0	0	0	0	0	0	06:52:55	00:01:14
0	0	0	0	0	0	0	0	0	06:58:28	0	0	0	0	0	0	0	0	0	0	06:58:31	0	0	0	0	0	0	0	0	0	0	06:58:56	00:01:13

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 6
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:08	0	0	0	0	0	0	0	0	0	0	06:04:10	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:05:20	0	0	0	0	0	0	0	0	0	0	06:05:22	0	0	0	0	0	5	0	0	2	10		0	0	0	0	0	0	0	0	0	0		0
3	06:34:12	0	0	0	0	0	0	0	0	0	0	06:34:14	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:37:13	0	0	0	0	0	0	0	0	0	0	06:37:15	0	0	0	0	0	2	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
5	06:51:40	0	0	0	0	0	0	0	0	0	0	06:51:42	0	0	0	0	0	2	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
6		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	08:04:19	08:04:21	08:04:39	08:04:42	08:04:55	00:00:18	00:00:34		
	2	08:04:55	08:04:57	08:05:51	08:05:54	08:06:07	00:00:54	00:01:10		
08:00 - 08:15	3	08:09:07	08:09:09	08:09:27	08:09:30	08:09:43	00:00:18	00:00:34	28	112
	4	08:09:43	08:09:45	08:10:03	08:10:06	08:10:19	00:00:18	00:00:34		
	5	08:10:19	08:10:21	08:10:39	08:10:42	08:10:55	00:00:18	00:00:34		
	6	08:15:07	08:15:09	08:15:27	08:15:30	08:15:43	00:00:18	00:00:34		
	7	08:15:43	08:15:45	08:16:03	08:16:06	08:16:19	00:00:18	00:00:34		
08:15 - 08:30	8	08:22:55	08:23:57	08:24:27	08:24:30	08:24:43	00:01:30	00:01:46	35	140
	9	08:24:43	08:24:45	08:27:27	08:27:30	08:27:43	00:02:42	00:02:58		
	10	08:27:43	08:27:45	08:28:39	08:28:42	08:28:55	00:00:54	00:01:10		
	11	08:30:07	08:30:09	08:31:03	08:31:06	08:31:19	00:00:54	00:01:10		
	12	08:33:07	08:33:09	08:33:27	08:33:30	08:33:43	00:00:18	00:00:34		
08:30 - 08:45	13	08:34:55	08:34:57	08:36:27	08:36:30	08:36:43	00:01:30	00:01:46	28	112
	14	08:40:19	08:40:21	08:41:15	08:41:18	08:41:31	00:00:54	00:01:10		
	15	08:42:07	08:42:09	08:43:03	08:43:06	08:43:19	00:00:54	00:01:10		
	16	08:45:43	08:45:45	08:46:39	08:46:42	08:46:55	00:00:54	00:01:10		
	17	08:52:19	08:52:21	08:53:51	08:53:54	08:54:07	00:01:30	00:01:46		
08:45 - 09:00	18	08:54:43	08:54:45	08:55:03	08:55:06	08:55:19	00:00:18	00:00:34	38	152
	19	08:55:55	08:55:57	08:56:15	08:56:18	08:56:31	00:00:18	00:00:34		
	20	08:57:43	08:57:45	08:58:39	08:58:42	08:58:55	00:00:54	00:01:10		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	17:01:48	17:01:50	17:02:08	17:02:11	17:02:24	00:00:18	00:00:34		
	2	17:05:24	17:05:26	17:05:44	17:05:47	17:06:00	00:00:18	00:00:34		
17:00 - 17:15	3	17:06:36	17:06:38	17:06:56	17:06:59	17:07:12	00:00:18	00:00:34	82	328
	4	17:10:48	17:10:50	17:11:44	17:11:47	17:12:00	00:00:54	00:01:10		
	5	17:13:48	17:13:50	17:14:08	17:14:11	17:14:24	00:00:18	00:00:34		
	6	17:15:36	17:15:38	17:15:56	17:15:59	17:16:12	00:00:18	00:00:34		
	7	17:18:00	17:18:02	17:18:20	17:18:23	17:18:36	00:00:18	00:00:34		
17:15 - 17:30	8	17:24:00	17:24:02	17:24:20	17:24:23	17:24:36	00:00:18	00:00:34	74	296
	9	17:27:00	17:27:02	17:27:20	17:27:23	17:27:36	00:00:18	00:00:34		
	10	17:28:12	17:28:14	17:28:32	17:28:35	17:28:48	00:00:18	00:00:34		
	11	17:30:36	17:30:38	17:30:56	17:30:59	17:31:12	00:00:18	00:00:34		
	12	17:32:24	17:32:26	17:32:44	17:32:47	17:33:00	00:00:18	00:00:34		
17:30 - 17:45	13	17:38:24	17:38:26	17:38:44	17:38:47	17:39:00	00:00:18	00:00:34	72	288
	14	17:40:12	17:40:14	17:40:32	17:40:35	17:40:48	00:00:18	00:00:34		
	15	17:44:24	17:44:26	17:44:44	17:44:47	17:45:00	00:00:18	00:00:34		
	16	17:46:48	17:46:50	17:47:08	17:47:11	17:47:24	00:00:18	00:00:34		
	17	17:48:36	17:48:38	17:48:56	17:48:59	17:49:12	00:00:18	00:00:34		
17:45 - 18:00	18	17:50:24	17:50:26	17:50:44	17:50:47	17:51:00	00:00:18	00:00:34	78	312
	19	17:50:48	17:55:50	17:56:08	17:56:11	17:56:24	00:00:18	00:00:34		
	20	17:58:48	17:58:50	17:59:08	17:59:11	17:59:24	00:00:18	00:00:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	28	112	00:00:41	00:00:25	0	0.00%	
08:15 - 08:30	35	140	00:01:24	00:01:08	0	0.00%	
08:30 - 08:45	28	112	00:00:54	00:00:54	0	0.00%	Average
08:45 - 09:00	38	152	00:01:03	00:00:47	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	82	328	00:00:41	00:00:25	0	0.00%	
17:15 - 17:30	74	296	00:00:34	00:00:18	0	0.00%	
17:30 - 17:45	72	288	00:00:34	00:00:18	0	0.00%	Average
17:45 - 18:00	78	312	00:00:34	00:00:18	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:04	0	0	0	0	0	0	0	0	0	0	06:05:07	0	0	0	0	0	0	0	0	0	0	06:05:20	00:01:10
0	0	0	0	0	0	0	0	0	06:33:56	0	0	0	0	0	0	0	0	0	0	06:33:59	0	0	0	0	0	0	0	0	0	0	06:34:12	00:28:50
0	0	0	0	0	0	0	0	0	06:36:57	0	0	0	0	0	0	0	0	0	0	06:37:00	0	0	0	0	0	0	0	0	0	0	06:37:13	00:02:59
0	0	0	0	0	0	0	0	0	06:51:24	0	0	0	0	0	1	0	0	0	2	06:51:27	0	0	0	0	0	0	0	0	0	0	06:51:40	00:14:25
0	0	0	0	0	0	0	0	0	07:01:36	0	0	0	0	0	0	0	0	0	0	07:01:39	0	0	0	0	0	0	0	0	0	0	07:01:52	00:10:10
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		00:00:00

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 6
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:08	0	0	0	0	0	0	0	0	0	0	06:04:10	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:05:20	0	0	0	0	0	0	0	0	0	0	06:05:22	62	0	21	1	1	11	0	3	0	110		0	0	0	0	0	0	0	0	0	0		0
3	06:34:12	0	0	0	0	0	0	0	0	0	0	06:34:14	8	1	3	2	0	0	0	0	0	15		0	0	0	0	0	0	0	0	0	0		0
4	06:37:13	0	0	0	0	0	0	0	0	0	0	06:37:15	39	2	20	3	0	5	0	5	0	79		0	0	0	0	0	0	0	0	0	0		0
5	06:51:40	0	0	0	0	0	0	0	0	0	0	06:51:42	28	0	12	1	0	3	0	0	1	48		0	0	0	0	0	0	0	0	0	0		0
6		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:04:19	08:04:21	08:04:39	08:04:42	08:04:55	00:00:18	00:00:34	87	348
	2	08:04:55	08:04:57	08:05:51	08:05:54	08:06:07	00:00:54	00:01:10		
	3	08:09:07	08:09:09	08:09:27	08:09:30	08:09:43	00:00:18	00:00:34		
	4	08:09:43	08:09:45	08:10:03	08:10:06	08:10:19	00:00:18	00:00:34		
	5	08:10:19	08:10:21	08:10:39	08:10:42	08:10:55	00:00:18	00:00:34		
08:15 - 08:30	6	08:15:07	08:15:09	08:15:27	08:15:30	08:15:43	00:00:18	00:00:34	106	424
	7	08:15:43	08:15:45	08:16:03	08:16:06	08:16:19	00:00:18	00:00:34		
	8	08:22:55	08:22:57	08:24:27	08:24:30	08:24:43	00:01:30	00:01:46		
	9	08:24:43	08:24:45	08:27:27	08:27:30	08:27:43	00:02:42	00:02:58		
	10	08:27:43	08:27:45	08:28:39	08:28:42	08:28:55	00:00:54	00:01:10		
08:30 - 08:45	11	08:30:07	08:30:09	08:31:03	08:31:06	08:31:19	00:00:54	00:01:10	136	544
	12	08:33:07	08:33:09	08:33:27	08:33:30	08:33:43	00:00:18	00:00:34		
	13	08:34:55	08:34:57	08:36:27	08:36:30	08:36:43	00:01:30	00:01:46		
	14	08:40:19	08:40:21	08:41:15	08:41:18	08:41:31	00:00:54	00:01:10		
	15	08:42:07	08:42:09	08:43:03	08:43:06	08:43:19	00:00:54	00:01:10		
08:45 - 09:00	16	08:45:43	08:45:45	08:46:39	08:46:42	08:46:55	00:00:54	00:01:10	130	520
	17	08:52:19	08:52:21	08:53:51	08:53:54	08:54:07	00:01:30	00:01:46		
	18	08:54:43	08:54:45	08:55:03	08:55:06	08:55:19	00:00:18	00:00:34		
	19	08:55:55	08:55:57	08:56:15	08:56:18	08:56:31	00:00:18	00:00:34		
	20	08:57:43	08:57:45	08:58:39	08:58:42	08:58:55	00:00:54	00:01:10		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:48	17:01:50	17:02:08	17:02:11	17:02:24	00:00:18	00:00:34	190	760
	2	17:05:24	17:05:26	17:05:44	17:05:47	17:06:00	00:00:18	00:00:34		
	3	17:06:36	17:06:38	17:06:56	17:06:59	17:07:12	00:00:18	00:00:34		
	4	17:10:48	17:10:50	17:11:44	17:11:47	17:12:00	00:00:54	00:01:10		
	5	17:13:48	17:13:50	17:14:08	17:14:11	17:14:24	00:00:18	00:00:34		
17:15 - 17:30	6	17:15:36	17:15:38	17:15:56	17:15:59	17:16:12	00:00:18	00:00:34	203	812
	7	17:18:00	17:18:02	17:18:20	17:18:23	17:18:36	00:00:18	00:00:34		
	8	17:24:02	17:24:02	17:25:20	17:25:23	17:24:36	00:00:18	00:00:34		
	9	17:27:00	17:27:02	17:27:20	17:27:23	17:27:36	00:00:18	00:00:34		
	10	17:28:12	17:28:14	17:28:32	17:28:35	17:28:48	00:00:18	00:00:34		
17:30 - 17:45	11	17:30:36	17:30:38	17:30:56	17:30:59	17:31:12	00:00:18	00:00:34	178	712
	12	17:32:24	17:32:26	17:32:44	17:32:47	17:33:00	00:00:18	00:00:34		
	13	17:38:24	17:38:26	17:38:44	17:38:47	17:39:00	00:00:18	00:00:34		
	14	17:40:12	17:40:14	17:40:32	17:40:35	17:40:48	00:00:18	00:00:34		
	15	17:44:24	17:44:26	17:44:44	17:44:47	17:45:00	00:00:18	00:00:34		
17:45 - 18:00	16	17:46:48	17:46:50	17:47:08	17:47:11	17:47:24	00:00:18	00:00:34	184	736
	17	17:48:36	17:48:38	17:48:56	17:48:59	17:49:12	00:00:18	00:00:34		
	18	17:50:24	17:50:26	17:50:44	17:50:47	17:51:00	00:00:18	00:00:34		
	19	17:55:48	17:55:50	17:56:08	17:56:11	17:56:24	00:00:18	00:00:34		
	20	17:58:48	17:58:50	17:59:08	17:59:11	17:59:24	00:00:18	00:00:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	87	348	00:00:41	00:00:25	0	0.00%	
08:15 - 08:30	106	424	00:01:24	00:01:08	0	0.00%	
08:30 - 08:45	136	544	00:01:10	00:00:54	0	0.00%	Average
08:45 - 09:00	130	520	00:01:03	00:00:47	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	190	760	00:00:41	00:00:25	0	0.00%	
17:15 - 17:30	203	812	00:00:34	00:00:18	0	0.00%	
17:30 - 17:45	178	712	00:00:34	00:00:18	0	0.00%	Average
17:45 - 18:00	184	736	00:00:34	00:00:18	0	0.00%	0.00%

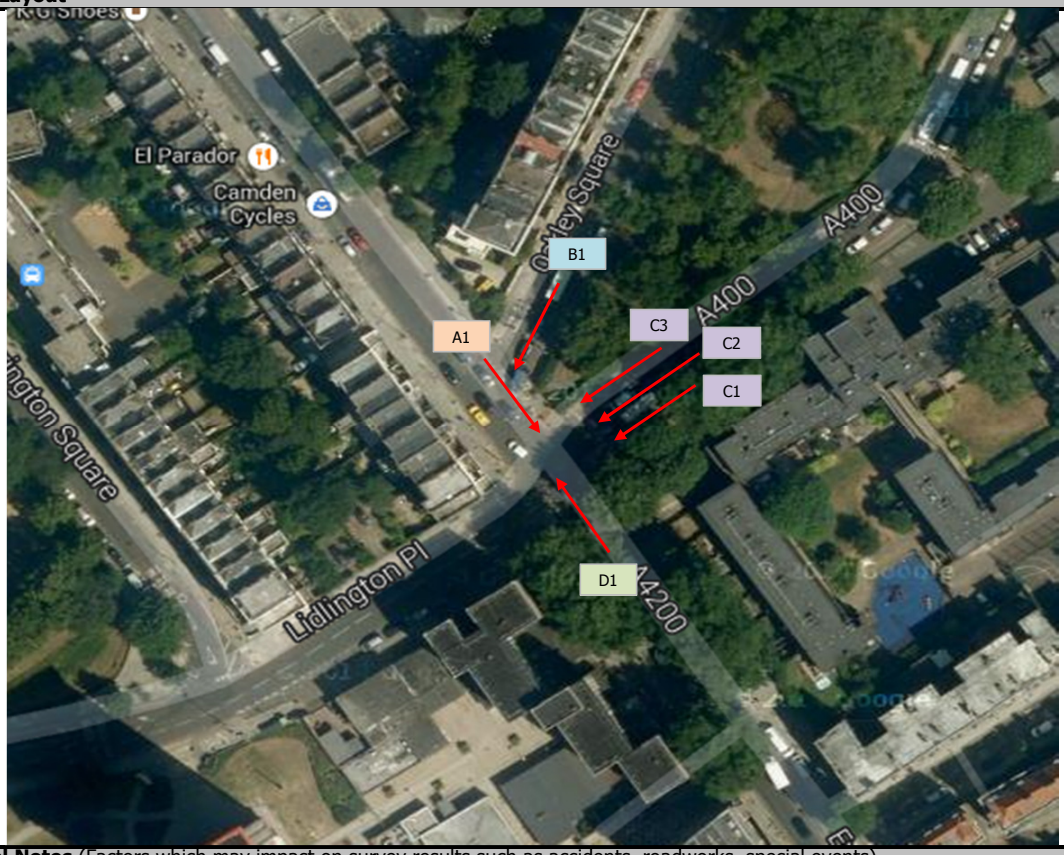
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:04	0	0	0	0	0	0	0	0	0	0	06:05:07	0	0	0	0	0	0	0	0	0	06:05:20	00:01:10
0	0	0	0	0	0	0	0	0	06:33:56	2	0	0	0	0	0	0	0	0	2	06:33:59	1	0	0	0	0	0	0	0	1	06:34:12	00:28:50
0	0	0	0	0	0	0	0	0	06:36:57	1	0	0	0	0	0	0	0	0	1	06:37:00	0	0	0	0	0	0	0	0	0	06:37:13	00:02:59
0	0	0	0	0	0	0	0	0	06:51:24	0	0	0	0	0	0	0	0	0	0	06:51:27	0	0	0	0	0	0	0	0	0	06:51:40	00:14:25
0	0	0	0	0	0	0	0	0	07:01:36	0	0	0	0	0	0	0	0	0	0	07:01:39	0	0	0	0	0	0	0	0	0	07:01:52	00:10:10
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0		00:00:00
0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0		00:00:00

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 8
Date of Survey: 10.06.2014
Junction Name: Eversholt Street / Oakley Square
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.533116	-0.137094	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Lane B1 is not signalised.

Lane A1 signal is not visible during the PM peak, due to sun glare.

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site B
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:06:12	0	0	0	0	0	0	0	0	0	0	06:06:14	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:10:31	0	0	0	0	0	0	0	0	0	0	06:10:33	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:15:44	0	0	0	0	0	0	0	0	0	0	06:15:46	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:22:40	0	0	0	0	0	0	0	0	0	0	06:22:42	1	0	0	0	0	0	1	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:27:53	0	0	0	0	0	1	0	0	0	0	06:27:55	0	0	1	0	0	0	1	0	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:35:41	0	0	0	0	0	0	0	0	0	0	06:35:43	2	0	0	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
7	06:39:09	0	0	0	0	0	0	0	0	0	0	06:39:11	1	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:45:13	0	0	0	0	0	0	0	0	0	0	06:45:15	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:51:16	0	0	0	0	0	0	0	0	0	0	06:51:18	2	0	1	0	0	0	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
10	06:55:36	0	0	0	0	0	0	0	0	0	0	06:55:38	1	0	3	0	0	0	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:03:36	08:03:38	08:04:05	08:04:08	08:04:45	00:00:27	00:01:07	43	172
	2	08:05:49	08:05:51	08:06:13	08:06:16	08:06:58	00:00:22	00:01:07		
	3	08:08:18	08:08:20	08:08:43	08:08:46	08:09:42	00:00:23	00:01:22		
	4	08:12:14	08:12:16	08:12:43	08:12:46	08:13:35	00:00:27	00:01:19		
	5	08:13:35	08:13:37	08:14:07	08:14:10	08:14:58	00:00:30	00:01:21		
08:15 - 08:30	6	08:16:18	08:16:20	08:16:59	08:17:02	08:17:53	00:00:39	00:01:33	60	240
	7	08:19:22	08:19:24	08:19:47	08:19:50	08:20:33	00:00:23	00:01:09		
	8	08:22:19	08:22:21	08:22:47	08:22:50	08:23:30	00:00:26	00:01:09		
	9	08:25:12	08:25:14	08:25:40	08:25:43	08:26:40	00:00:26	00:01:26		
	10	08:27:58	08:28:00	08:28:38	08:28:41	08:29:28	00:00:38	00:01:28		
08:30 - 08:45	11	08:30:52	08:30:54	08:31:12	08:31:15	08:32:13	00:00:18	00:01:19	50	200
	12	08:33:26	08:33:28	08:33:59	08:34:02	08:34:34	00:00:31	00:01:06		
	13	08:36:13	08:36:15	08:36:38	08:36:41	08:37:30	00:00:23	00:01:15		
	14	08:40:58	08:41:00	08:41:09	08:41:12	08:41:54	00:00:09	00:00:54		
	15	08:41:54	08:41:56	08:42:20	08:42:23	08:43:10	00:00:24	00:01:14		
08:45 - 09:00	16	08:46:14	08:46:16	08:46:35	08:46:38	08:47:38	00:00:19	00:01:22	58	232
	17	08:47:38	08:47:40	08:47:55	08:47:58	08:49:01	00:00:15	00:01:21		
	18	08:50:15	08:50:17	08:50:36	08:50:39	08:51:35	00:00:19	00:01:18		
	19	08:51:35	08:51:37	08:51:51	08:51:54	08:52:43	00:00:14	00:01:06		
	20	08:56:11	08:56:13	08:56:24	08:56:27	08:57:10	00:00:11	00:00:57		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1								34	136
	2									
	3									
	4									
	5									
17:15 - 17:30	6								29	116
	7									
	8									
	9									
	10									
17:30 - 17:45	11								40	160
	12									
	13									
	14									
	15									
17:45 - 18:00	16								50	200
	17									
	18									
	19									
	20									

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	43	172	00:01:15	00:00:26	0	0.00%	
08:15 - 08:30	60	240	00:01:21	00:00:30	0	0.00%	
08:30 - 08:45	50	200	00:01:10	00:00:21	0	0.00%	Average
08:45 - 09:00	58	232	00:01:13	00:00:16	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	34	136	00:00:00	00:00:00	0	0.00%	
17:15 - 17:30	29	116	00:00:00	00:00:00	0	0.00%	
17:30 - 17:45	40	160	00:00:00	00:00:00	0	0.00%	Average
17:45 - 18:00	50	200	00:00:00	00:00:00	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:40	0	0	0	0	0	0	0	0	0	0	06:06:43	0	0	0	0	0	0	0	0	0	0	06:07:05	00:00:51
0	0	0	0	0	0	0	0	0	06:10:41	0	0	0	0	0	0	0	0	0	0	06:10:44	0	0	0	0	0	0	0	0	0	0	06:11:24	00:00:51
0	0	0	0	0	0	0	0	0	06:16:12	0	0	0	0	0	0	0	0	0	0	06:16:15	0	0	0	0	0	0	0	0	0	0	06:16:36	00:00:50
0	0	0	0	0	0	0	0	0	06:23:00	0	0	0	0	0	0	0	0	0	0	06:23:12	0	0	0	0	0	0	0	0	0	0	06:23:33	00:00:51
0	0	0	0	0	0	0	0	0	06:28:21	0	0	0	0	0	0	0	0	0	0	06:28:24	0	0	0	0	0	0	0	0	0	0	06:28:44	00:00:49
0	0	0	0	0	0	0	0	0	06:36:09	0	0	0	0	0	0	0	0	0	0	06:36:12	0	0	0	0	0	0	0	0	0	0	06:36:32	00:00:49
0	0	0	0	0	0	0	0	0	06:39:37	0	0	0	0	0	0	0	0	0	0	06:39:40	0	0	0	0	0	0	0	0	0	0	06:40:01	00:00:50
0	0	0	0	0	0	0	0	0	06:45:40	0	0	0	0	0	0	0	0	0	0	06:45:43	0	0	0	0	0	0	0	0	0	0	06:46:05	00:00:50
0	0	0	0	0	0	0	0	0	06:51:25	0	0	0	0	0	0	0	0	0	0	06:51:28	0	0	0	0	0	0	0	0	0	0	06:52:08	00:00:50
0	0	0	0	0	0	0	0	0	06:56:05	0	0	0	0	0	0	0	0	0	0	06:56:08	0	0	0	0	0	0	0	0	0	0	06:56:28	00:00:50

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001081
Site Number: Site 8
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:11	0	0	0	0	0	0	0	0	0	0	06:04:13	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:10:13	0	0	0	0	0	0	0	0	0	0	06:10:15	0	0	1	0	0	0	0	0	1	1		0	0	0	0	0	0	0	0	0	0		0
3	06:16:17	0	0	0	0	0	0	0	0	0	0	06:16:19	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
4	06:23:13	0	0	0	0	0	0	0	0	0	0	06:23:15	4	0	1	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:29:18	0	0	0	0	0	0	0	0	0	0	06:29:20	1	0	3	0	0	0	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
6	06:35:22	0	0	0	0	0	0	0	0	0	0	06:35:24	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:41:26	0	0	0	0	0	0	0	0	0	0	06:41:28	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
8	06:46:38	0	0	0	0	0	0	0	0	0	0	06:46:40	3	1	0	0	0	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
9	06:51:49	0	0	0	0	0	0	0	0	0	0	06:51:51	2	0	1	0	0	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0
10	06:57:01	0	0	0	0	0	0	0	0	0	0	06:57:03	0	1	0	0	0	1	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:01	08:01:03	08:01:24	08:01:27	08:02:09	00:00:21	00:01:06	104	416
	2	08:02:09	08:02:11	08:02:24	08:02:27	08:03:17	00:00:13	00:01:06		
	3	08:04:09	08:04:11	08:04:39	08:04:42	08:05:23	00:00:28	00:01:12		
	4	08:07:47	08:07:49	08:08:13	08:08:16	08:09:07	00:00:24	00:01:18		
	5	08:10:23	08:10:25	08:10:42	08:10:45	08:11:43	00:00:17	00:01:18		
08:15 - 08:30	6	08:15:51	08:15:53	08:16:13	08:16:16	08:17:23	00:00:20	00:01:30	86	344
	7	08:18:47	08:18:49	08:19:17	08:19:20	08:20:11	00:00:28	00:01:22		
	8	08:21:39	08:21:41	08:22:14	08:22:17	08:23:11	00:00:33	00:01:30		
	9	08:24:41	08:24:43	08:25:07	08:25:10	08:26:04	00:00:24	00:01:21		
	10	08:29:02	08:29:04	08:29:23	08:29:26	08:30:20	00:00:19	00:01:16		
08:30 - 08:45	11	08:31:36	08:31:38	08:32:08	08:32:11	08:32:52	00:00:30	00:01:16	104	416
	12	08:34:04	08:34:06	08:34:29	08:34:32	08:35:41	00:00:23	00:01:35		
	13	08:37:02	08:37:04	08:37:25	08:37:28	08:38:20	00:00:21	00:01:16		
	14	08:40:37	08:40:39	08:40:53	08:40:56	08:41:33	00:00:14	00:00:54		
	15	08:44:08	08:44:10	08:44:38	08:44:41	08:45:41	00:00:28	00:01:31		
08:45 - 09:00	16	08:46:59	08:47:01	08:47:33	08:47:36	08:48:19	00:00:32	00:01:18	99	396
	17	08:49:39	08:49:41	08:50:11	08:50:14	08:50:59	00:00:30	00:01:18		
	18	08:52:15	08:52:17	08:52:39	08:52:41	08:53:23	00:00:21	00:01:06		
	19	08:53:23	08:53:25	08:53:50	08:53:53	08:54:28	00:00:25	00:01:03		
	20	08:55:44	08:55:46	08:56:06	08:56:09	08:56:48	00:00:20	00:01:02		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:09	17:01:11	17:01:28	17:01:31	17:02:14	00:00:17	00:01:23	85	340
	2	17:03:58	17:04:00	17:04:11	17:04:14	17:05:05	00:00:11	00:01:05		
	3	17:06:11	17:06:13	17:06:27	17:06:30	17:07:25	00:00:14	00:01:12		
	4	17:08:57	17:08:59	17:09:08	17:09:11	17:09:39	00:00:09	00:01:00		
	5	17:10:47	17:10:49	17:11:02	17:11:05	17:11:49	00:00:13	00:01:02		
17:15 - 17:30	6	17:16:03	17:16:05	17:16:26	17:16:29	17:17:31	00:00:21	00:01:26	82	328
	7	17:18:36	17:18:38	17:18:54	17:18:57	17:20:00	00:00:16	00:01:22		
	8	17:21:19	17:21:21	17:21:44	17:21:47	17:22:52	00:00:23	00:01:31		
	9	17:24:15	17:24:17	17:24:36	17:24:39	17:25:40	00:00:19	00:01:23		
	10	17:27:08	17:27:10	17:27:32	17:27:35	17:28:40	00:00:22	00:01:30		
17:30 - 17:45	11	17:31:32	17:31:34	17:31:51	17:31:54	17:33:03	00:00:17	00:01:29	85	340
	12	17:34:22	17:34:24	17:34:42	17:34:45	17:35:43	00:00:18	00:01:21		
	13	17:37:03	17:37:05	17:37:31	17:37:34	17:38:21	00:00:26	00:01:18		
	14	17:39:34	17:39:36	17:39:44	17:39:47	17:40:55	00:00:08	00:01:19		
	15	17:43:18	17:43:20	17:43:40	17:43:43	17:44:22	00:00:20	00:01:02		
17:45 - 18:00	16	17:45:37	17:45:39	17:46:00	17:46:03	17:46:54	00:00:21	00:01:15	82	328
	17	17:48:04	17:48:06	17:48:16	17:48:19	17:49:24	00:00:10	00:01:18		
	18	17:51:46	17:51:48	17:52:05	17:52:08	17:52:53	00:00:17	00:01:05		
	19	17:54:01	17:54:05	17:54:17	17:54:20	17:55:10	00:00:12	00:01:05		
	20	17:56:14	17:56:16	17:56:28	17:56:31	17:57:21	00:00:12	00:01:05		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	104	416	00:01:12	00:00:21	0	0.00%	
08:15 - 08:30	86	344	00:01:24	00:00:25	0	0.00%	
08:30 - 08:45	104	416	00:01:18	00:00:23	0	0.00%	Average
08:45 - 09:00	99	396	00:01:09	00:00:26	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	85	340	00:01:08	00:00:15	0	0.00%	
17:15 - 17:30	82	328	00:01:26	00:00:20	0	0.00%	
17:30 - 17:45	85	340	00:01:17	00:00:18	0	0.00%	Average
17:45 - 18:00	82	328	00:01:10	00:00:14	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:22	0	0	0	0	0	0	0	0	0	0	06:04:25	0	0	0	0	0	0	0	0	0	0	06:05:02	00:00:49
0	0	0	0	0	0	0	0	0	06:10:26	0	0	0	0	0	0	0	0	0	0	06:10:29	0	0	0	0	0	0	0	0	0	0	06:11:05	00:00:50
0	0	0	0	0	0	0	0	0	06:16:32	0	0	0	0	0	0	0	0	0	0	06:16:35	0	0	0	0	0	0	0	0	0	0	06:17:09	00:00:50
0	0	0	0	0	0	0	0	0	06:23:28	2	0	0	0	0	0	0	0	0	2	06:23:31	0	0	0	0	0	0	0	0	0	0	06:24:06	00:00:51
0	0	0	0	0	0	0	0	0	06:29:31	0	0	1	0	0	0	0	0	0	1	06:29:34	0	0	0	0	0	0	0	0	0	0	06:30:09	00:00:49
0	0	0	0	0	0	0	0	0	06:35:35	0	0	0	0	0	0	0	0	0	0	06:35:38	0	0	0	0	0	0	0	0	0	0	06:36:14	00:00:50
0	0	0	0	0	0	0	0	0	06:41:40	0	0	0	0	0	0	0	0	0	0	06:41:43	0	0	0	0	0	0	0	0	0	0	06:42:18	00:00:50
0	0	0	0	0	0	0	0	0	06:46:51	2	0	0	0	0	0	0	0	0	2	06:46:54	0	0	0	0	0	0	0	0	0	0	06:47:30	00:00:50
0	0	0	0	0	0	0	0	0	06:52:02	0	0	1	0	0	0	0	0	0	1	06:52:05	0	0	0	0	0	0	0	0	0	0	06:52:40	00:00:49
0	0	0	0	0	0	0	0	0	06:57:14	0	0	2	0	0	0	0	0	0	2	06:57:17	0	0	0	0	0	0	0	0	0	0	06:57:53	00:00:50

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 8
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:54	0	0	0	0	0	0	0	0	0	0	06:05:56	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:12:49	0	0	0	0	0	0	0	0	0	0	06:12:51	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:19:45	0	0	0	0	0	0	0	0	0	0	06:19:47	6	0	0	0	0	0	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
4	06:26:41	0	0	0	0	0	0	0	0	0	0	06:26:43	4	0	1	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:32:45	0	0	0	0	0	0	0	0	0	0	06:32:47	3	0	0	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:39:41	0	0	0	0	0	0	0	0	0	0	06:39:43	4	0	2	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
7	06:45:45	0	0	0	0	0	0	0	0	0	0	06:45:47	5	0	1	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:52:40	0	0	0	0	0	0	0	0	0	0	06:52:42	3	0	4	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:54:25	0	0	0	0	0	0	0	0	0	0	06:54:27	4	0	3	0	0	0	0	1	0	7		0	0	0	0	0	0	0	0	0	0		0
10	06:57:53	0	0	0	0	0	0	0	0	0	0	06:57:55	3	0	4	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:01	08:01:03	08:01:24	08:01:27	08:02:09	00:00:21	00:01:06	116	464
	2	08:02:09	08:02:11	08:02:24	08:02:27	08:03:17	00:00:13	00:01:06		
	3	08:04:09	08:04:11	08:04:39	08:04:42	08:05:23	00:00:28	00:01:12		
	4	08:07:47	08:07:49	08:08:13	08:08:16	08:09:07	00:00:24	00:01:18		
	5	08:10:23	08:10:25	08:10:42	08:10:45	08:11:43	00:00:17	00:01:18		
08:15 - 08:30	6	08:15:51	08:15:53	08:16:13	08:16:16	08:17:23	00:00:20	00:01:30	109	436
	7	08:18:47	08:18:49	08:19:17	08:19:20	08:20:11	00:00:28	00:01:22		
	8	08:21:39	08:21:41	08:22:14	08:22:17	08:23:11	00:00:33	00:01:30		
	9	08:24:41	08:24:43	08:25:07	08:25:10	08:26:04	00:00:24	00:01:21		
	10	08:29:02	08:29:04	08:29:23	08:29:26	08:30:20	00:00:19	00:01:18		
08:30 - 08:45	11	08:31:36	08:31:38	08:32:08	08:32:11	08:32:52	00:00:30	00:01:14	125	500
	12	08:34:04	08:34:06	08:34:29	08:34:32	08:35:41	00:00:23	00:01:35		
	13	08:37:02	08:37:04	08:37:25	08:37:28	08:38:20	00:00:21	00:01:16		
	14	08:40:37	08:40:39	08:40:53	08:40:56	08:41:33	00:00:14	00:00:54		
	15	08:44:08	08:44:10	08:44:38	08:44:41	08:45:41	00:00:28	00:01:33		
08:45 - 09:00	16	08:46:59	08:47:01	08:47:33	08:47:36	08:48:19	00:00:32	00:01:18	114	456
	17	08:49:39	08:49:41	08:50:11	08:50:14	08:50:59	00:00:30	00:01:18		
	18	08:52:15	08:52:17	08:52:38	08:52:41	08:53:23	00:00:21	00:01:06		
	19	08:51:23	08:53:25	08:53:50	08:53:53	08:54:28	00:00:25	00:01:03		
	20	08:55:44	08:55:46	08:56:06	08:56:09	08:56:48	00:00:20	00:01:02		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:09	17:01:11	17:01:28	17:01:31	17:02:34	00:00:17	00:01:23	83	332
	2	17:03:58	17:04:00	17:04:11	17:04:14	17:05:05	00:00:11	00:01:05		
	3	17:06:11	17:06:13	17:06:27	17:06:30	17:07:25	00:00:14	00:01:12		
	4	17:08:37	17:08:39	17:08:58	17:09:01	17:09:39	00:00:19	00:01:00		
	5	17:10:44	17:10:46	17:11:02	17:11:05	17:11:48	00:00:16	00:01:02		
17:15 - 17:30	6	17:16:03	17:16:05	17:16:26	17:16:29	17:17:31	00:00:21	00:01:28	82	328
	7	17:18:36	17:18:38	17:18:54	17:18:57	17:20:00	00:00:16	00:01:22		
	8	17:21:19	17:21:21	17:21:44	17:21:47	17:22:52	00:00:23	00:01:31		
	9	17:24:15	17:24:17	17:24:36	17:24:39	17:25:40	00:00:19	00:01:23		
	10	17:27:08	17:27:10	17:27:32	17:27:35	17:28:40	00:00:22	00:01:30		
17:30 - 17:45	11	17:31:32	17:31:34	17:31:51	17:31:54	17:33:03	00:00:17	00:01:29	94	376
	12	17:34:22	17:34:24	17:34:42	17:34:45	17:35:43	00:00:18	00:01:19		
	13	17:37:03	17:37:05	17:37:31	17:37:34	17:38:21	00:00:26	00:01:16		
	14	17:39:34	17:39:36	17:39:44	17:39:47	17:40:55	00:00:08	00:01:19		
	15	17:43:18	17:43:20	17:43:40	17:43:43	17:44:22	00:00:20	00:01:02		
17:45 - 18:00	16	17:45:17	17:45:19	17:46:00	17:46:03	17:46:54	00:00:21	00:01:15	72	288
	17	17:48:04	17:48:06	17:48:16	17:48:19	17:49:24	00:00:10	00:01:18		
	18	17:51:46	17:51:48	17:52:05	17:52:08	17:52:53	00:00:17	00:01:05		
	19	17:54:03	17:54:05	17:54:17	17:54:20	17:55:10	00:00:12	00:01:05		
	20	17:56:14	17:56:16	17:56:28	17:56:31	17:57:21	00:00:12	00:01:05		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	116	464	00:01:12	00:00:21	0	0.00%	
08:15 - 08:30	109	436	00:01:24	00:00:25	0	0.00%	
08:30 - 08:45	125	500	00:01:18	00:00:23	0	0.00%	Average
08:45 - 09:00	114	456	00:01:09	00:00:26	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	83	332	00:01:08	00:00:15	0	0.00%	
17:15 - 17:30	82	328	00:01:26	00:00:20	0	0.00%	
17:30 - 17:45	94	376	00:01:17	00:00:18	0	0.00%	Average
17:45 - 18:00	72	288	00:01:10	00:00:14	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:07	1	0	0	0	0	0	0	0	0	1	06:06:10	0	0	0	0	0	0	0	0	0	0	06:06:45	00:00:49
0	0	0	0	0	0	0	0	0	06:13:01	0	0	0	0	0	0	0	0	0	0	06:13:04	0	0	0	0	0	0	0	0	0	0	06:13:41	00:00:50
0	0	0	0	0	0	0	0	0	06:20:00	0	0	0	0	0	0	0	0	0	0	06:20:03	0	0	0	0	0	0	0	0	0	0	06:20:38	00:00:51
0	0	0	0	0	0	0	0	0	06:26:54	1	0	1	0	0	0	0	0	0	2	06:26:57	0	0	0	0	0	0	0	0	0	0	06:27:34	00:00:51
0	0	0	0	0	0	0	0	0	06:32:58	1	0	1	0	0	0	0	0	0	2	06:33:01	2	0	0	0	0	0	0	0	0	2	06:33:37	00:00:50
0	0	0	0	0	0	0	0	0	06:39:55	1	0	0	0	0	0	0	0	0	1	06:39:58	0	0	0	0	0	0	0	0	0	0	06:40:34	00:00:51
0	0	0	0	0	0	0	0	0	06:45:59	2	0	0	0	0	0	0	0	0	2	06:46:02	0	0	0	0	0	0	0	0	0	0	06:46:38	00:00:51
0	0	0	0	0	0	0	0	0	06:52:54	1	0	0	0	0	0	0	0	0	1	06:52:57	0	0	0	0	0	0	0	0	0	0	06:53:33	00:00:51
0	0	0	0	0	0	0	0	0	06:54:38	2	0	0	0	0	0	0	0	0	2	06:54:41	0	0	0	0	0	0	0	0	0	0	06:55:16	00:00:49
0	0	0	0	0	0	0	0	0	06:58:07	0	0	0	0	0	0	0	0	0	0	06:58:10	0	0	0	0	0	0	0	0	0	0	06:58:45	00:00:50

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site B
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:33	0	0	0	0	0	0	0	0	0	0	06:01:35	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:10:13	0	0	0	0	0	0	0	0	0	0	06:10:15	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:16:17	0	0	0	0	0	0	0	0	0	0	06:16:19	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:22:22	0	0	0	0	0	0	0	0	0	0	06:22:24	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:29:18	0	0	0	0	0	0	0	0	0	0	06:29:20	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:37:06	0	0	0	0	0	0	0	0	0	0	06:37:08	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:43:11	0	0	0	0	0	0	0	0	0	0	06:43:13	0	0	0	0	0	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:46:38	0	0	0	0	0	0	0	0	0	0	06:46:40	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:51:49	0	0	0	0	0	0	0	0	0	0	06:51:51	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:57:53	0	0	0	0	0	0	0	0	0	0	06:57:55	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:01	08:01:03	08:01:24	08:01:27	08:02:09	00:00:21	00:01:06	14	56
	2	08:02:09	08:02:11	08:02:24	08:02:27	08:03:17	00:00:13	00:01:06		
	3	08:04:09	08:04:11	08:04:39	08:04:42	08:05:23	00:00:28	00:01:12		
	4	08:07:47	08:07:49	08:08:13	08:08:16	08:09:07	00:00:24	00:01:18		
	5	08:10:23	08:10:25	08:10:42	08:10:45	08:11:43	00:00:17	00:01:18		
08:15 - 08:30	6	08:15:51	08:15:53	08:16:13	08:16:16	08:17:23	00:00:20	00:01:30	9	36
	7	08:18:47	08:18:49	08:19:17	08:19:20	08:20:11	00:00:28	00:01:22		
	8	08:21:39	08:21:41	08:22:14	08:22:17	08:23:11	00:00:33	00:01:30		
	9	08:24:51	08:24:43	08:25:07	08:25:10	08:26:04	00:00:24	00:01:21		
	10	08:29:02	08:29:04	08:29:23	08:29:26	08:30:20	00:00:19	00:01:16		
08:30 - 08:45	11	08:31:36	08:31:38	08:32:08	08:32:11	08:32:52	00:00:30	00:01:14	15	60
	12	08:34:04	08:34:06	08:34:29	08:34:32	08:35:41	00:00:23	00:01:35		
	13	08:37:02	08:37:04	08:37:25	08:37:28	08:38:20	00:00:21	00:01:16		
	14	08:40:37	08:40:39	08:40:53	08:40:56	08:41:33	00:00:14	00:00:54		
	15	08:44:08	08:44:10	08:44:38	08:44:41	08:45:41	00:00:28	00:01:31		
08:45 - 09:00	16	08:46:59	08:47:01	08:47:33	08:47:36	08:48:19	00:00:32	00:01:18	14	56
	17	08:49:39	08:49:41	08:50:11	08:50:14	08:50:59	00:00:30	00:01:18		
	18	08:52:15	08:52:17	08:52:38	08:52:41	08:53:23	00:00:21	00:01:06		
	19	08:53:23	08:53:25	08:53:50	08:53:53	08:54:28	00:00:25	00:01:03		
	20	08:55:44	08:55:46	08:56:06	08:56:09	08:56:48	00:00:20	00:01:02		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:09	17:01:11	17:01:28	17:01:31	17:02:34	00:00:17	00:01:23	9	36
	2	17:03:58	17:04:00	17:04:11	17:04:14	17:05:05	00:00:11	00:01:05		
	3	17:06:11	17:06:13	17:06:27	17:06:30	17:07:25	00:00:14	00:01:12		
	4	17:08:37	17:08:39	17:08:58	17:09:01	17:09:39	00:00:19	00:01:00		
	5	17:10:44	17:10:46	17:11:02	17:11:05	17:11:48	00:00:16	00:01:02		
17:15 - 17:30	6	17:16:03	17:16:05	17:16:26	17:16:29	17:17:31	00:00:21	00:01:26	5	20
	7	17:18:36	17:18:38	17:18:54	17:18:57	17:20:00	00:00:16	00:01:22		
	8	17:21:19	17:21:21	17:21:44	17:21:47	17:22:52	00:00:23	00:01:33		
	9	17:24:15	17:24:17	17:24:36	17:24:39	17:25:40	00:00:19	00:01:23		
	10	17:27:08	17:27:10	17:27:32	17:27:35	17:28:40	00:00:22	00:01:30		
17:30 - 17:45	11	17:31:32	17:31:34	17:31:51	17:31:54	17:33:03	00:00:17	00:01:29	7	28
	12	17:34:22	17:34:24	17:34:42	17:34:45	17:35:43	00:00:18	00:01:19		
	13	17:37:01	17:37:05	17:37:31	17:37:34	17:38:21	00:00:26	00:01:16		
	14	17:39:34	17:39:36	17:39:44	17:39:47	17:40:55	00:00:08	00:01:19		
	15	17:43:18	17:43:20	17:43:40	17:43:43	17:44:22	00:00:20	00:01:02		
17:45 - 18:00	16	17:45:37	17:45:39	17:46:00	17:46:03	17:46:54	00:00:21	00:01:15	3	12
	17	17:48:04	17:48:06	17:48:16	17:48:19	17:49:24	00:00:10	00:01:18		
	18	17:51:46	17:51:48	17:52:05	17:52:08	17:52:53	00:00:17	00:01:05		
	19	17:54:03	17:54:05	17:54:17	17:54:20	17:55:10	00:00:12	00:01:05		
	20	17:56:14	17:56:16	17:56:28	17:56:31	17:57:21	00:00:12	00:01:05		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	14	56	00:01:12	00:00:21	0	0.00%	
08:15 - 08:30	9	36	00:01:24	00:00:25	0	0.00%	
08:30 - 08:45	15	60	00:01:18	00:00:23	0	0.00%	Average
08:45 - 09:00	14	56	00:01:09	00:00:26	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	9	36	00:01:08	00:00:15	0	0.00%	
17:15 - 17:30	5	20	00:01:26	00:00:20	0	0.00%	
17:30 - 17:45	7	28	00:01:17	00:00:18	0	0.00%	Average
17:45 - 18:00	3	12	00:01:10	00:00:14	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:48	0	0	0	0	0	0	0	0	0	0	06:01:51	0	0	0	0	0	0	0	0	0	0	06:02:25	00:00:50
0	0	0	0	0	0	0	0	0	06:10:26	0	0	0	0	0	0	0	0	0	0	06:10:29	0	0	0	0	0	0	0	0	0	0	06:11:05	00:00:50
0	0	0	0	0	0	0	0	0	06:16:32	0	0	0	0	0	0	0	0	0	0	06:16:35	0	0	0	0	0	0	0	0	0	0	06:17:09	00:00:50
0	0	0	0	0	0	0	0	0	06:22:36	0	0	0	0	0	0	0	0	0	0	06:22:38	0	0	0	0	0	0	0	0	0	0	06:23:14	00:00:50
0	0	0	0	0	0	0	0	0	06:29:31	0	0	0	0	0	0	0	0	0	0	06:29:34	0	0	0	0	0	0	0	0	0	0	06:30:09	00:00:49
0	0	0	0	0	0	0	0	0	06:37:20	0	0	0	0	0	0	0	0	0	0	06:37:23	0	0	0	0	0	0	0	0	0	0	06:37:58	00:00:50
0	0	0	0	0	0	0	0	0	06:43:24	0	0	0	0	0	0	0	0	0	0	06:43:27	0	0	0	0	0	0	0	0	0	0	06:44:03	00:00:50
0	0	0	0	0	0	0	0	0	06:46:51	0	0	0	0	0	0	0	0	0	0	06:46:54	0	0	0	0	0	0	0	0	0	0	06:47:30	00:00:50
0	0	0	0	0	0	0	0	0	06:52:02	0	0	0	0	0	0	0	0	0	0	06:52:05	0	0	0	0	0	0	0	0	0	0	06:52:40	00:00:49
0	0	0	0	0	0	0	0	0	06:58:07	0	0	0	0	0	0	0	0	0	0	06:58:10	0	0	0	0	0	0	0	0	0	0	06:58:45	00:00:50

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site B
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:27	0	0	0	0	0	0	0	0	0	0	06:04:29	1	1	0	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:10:30	0	0	0	0	0	0	0	0	0	0	06:10:32	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:13:06	0	0	0	0	0	0	0	0	0	0	06:13:08	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:20:05	0	0	0	0	0	0	0	0	0	0	06:20:07	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:26:59	0	0	0	0	0	0	0	0	0	0	06:27:01	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
6	06:33:55	0	0	0	0	0	0	0	0	0	0	06:33:57	3	0	3	0	0	1	0	1	1	9		0	0	0	0	0	0	0	0	0	0		0
7	06:40:52	0	0	0	0	0	0	0	0	0	0	06:40:54	4	0	0	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:46:56	0	0	0	0	0	0	0	0	0	0	06:46:58	4	0	3	0	0	0	0	0	1	7		0	0	0	0	0	0	0	0	0	0		0
9	06:52:07	0	0	0	0	0	0	0	0	0	0	06:52:09	1	0	1	0	0	0	0	0	0	2	06:52:18	6	0	0	1	0	0	0	0	0	7	06:52:33	0
10	06:57:19	0	0	0	0	0	0	0	0	0	0	06:57:21	2	0	1	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	6		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:15	08:00:17	08:00:37	08:00:40	08:01:29	00:00:20	00:01:12	102	408
	2	08:01:29	08:01:31	08:01:45	08:01:48	08:02:28	00:00:14	00:00:57		
	3	08:02:28	08:02:30	08:02:53	08:02:56	08:03:36	00:00:23	00:01:06		
	4	08:12:13	08:12:15	08:12:42	08:12:45	08:13:35	00:00:27	00:01:20		
	5	08:13:35	08:13:37	08:14:07	08:14:10	08:14:57	00:00:30	00:01:20		
08:15 - 08:30	6	08:16:18	08:16:20	08:16:59	08:17:02	08:17:52	00:00:39	00:01:32	99	396
	7	08:19:22	08:19:24	08:19:46	08:19:49	08:20:33	00:00:22	00:01:09		
	8	08:22:18	08:22:20	08:22:46	08:22:49	08:23:33	00:00:26	00:01:13		
	9	08:25:12	08:25:14	08:25:39	08:25:42	08:26:40	00:00:25	00:01:26		
	10	08:27:57	08:27:59	08:28:38	08:28:41	08:29:28	00:00:39	00:01:29		
08:30 - 08:45	11	08:30:52	08:30:54	08:31:12	08:31:15	08:32:13	00:00:18	00:01:19	102	408
	12	08:33:25	08:33:27	08:33:59	08:34:02	08:34:33	00:00:32	00:01:06		
	13	08:36:12	08:36:14	08:36:37	08:36:40	08:37:30	00:00:23	00:01:16		
	14	08:38:58	08:39:00	08:39:20	08:39:23	08:40:01	00:00:20	00:01:01		
	15	08:41:53	08:41:55	08:42:19	08:42:22	08:43:08	00:00:24	00:01:13		
08:45 - 09:00	16	08:46:13	08:46:15	08:46:34	08:46:37	08:47:37	00:00:19	00:01:22	88	352
	17	08:48:58	08:49:00	08:49:14	08:49:17	08:50:15	00:00:14	00:01:15		
	18	08:51:34	08:51:36	08:51:51	08:51:54	08:52:42	00:00:15	00:01:06		
	19	08:52:42	08:52:44	08:52:59	08:53:02	08:53:54	00:00:15	00:01:10		
	20	08:56:10	08:56:12	08:56:23	08:56:26	08:57:09	00:00:11	00:00:57		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:11	17:00:13	17:00:45	17:00:48	17:01:32	00:00:32	00:01:19	137	548
	2	17:01:32	17:01:34	17:02:10	17:02:13	17:02:56	00:00:36	00:01:22		
	3	17:12:14	17:12:16	17:12:27	17:12:30	17:13:12	00:00:11	00:00:56		
	4	17:13:12	17:13:14	17:13:31	17:13:34	17:14:19	00:00:17	00:01:05		
	5	17:14:19	17:14:21	17:14:35	17:14:38	17:15:19	00:00:14	00:00:58		
17:15 - 17:30	6	17:15:19	17:15:21	17:15:40	17:15:43	17:16:30	00:00:19	00:01:09	149	596
	7	17:17:44	17:17:46	17:18:11	17:18:14	17:19:00	00:00:25	00:01:14		
	8	17:21:48	17:21:50	17:22:22	17:22:25	17:23:13	00:00:32	00:01:23		
	9	17:24:41	17:24:43	17:25:15	17:25:18	17:26:09	00:00:32	00:01:26		
	10	17:27:37	17:27:39	17:28:16	17:28:19	17:28:53	00:00:37	00:01:14		
17:30 - 17:45	11	17:30:37	17:30:39	17:31:08	17:31:11	17:31:56	00:00:29	00:01:17	111	444
	12	17:33:34	17:33:36	17:33:58	17:34:01	17:34:47	00:00:22	00:01:11		
	13	17:36:14	17:36:16	17:36:38	17:36:41	17:37:36	00:00:22	00:01:20		
	14	17:38:52	17:38:54	17:39:09	17:39:12	17:39:48	00:00:15	00:00:54		
	15	17:41:09	17:41:11	17:41:38	17:41:41	17:42:28	00:00:27	00:01:17		
17:45 - 18:00	16	17:46:05	17:46:07	17:46:29	17:46:32	17:47:13	00:00:22	00:01:06	121	484
	17	17:48:21	17:48:23	17:49:00	17:49:03	17:49:44	00:00:37	00:01:21		
	18	17:50:53	17:50:55	17:51:21	17:51:24	17:52:09	00:00:26	00:01:14		
	19	17:53:21	17:53:23	17:53:38	17:53:41	17:54:21	00:00:15	00:00:58		
	20	17:55:32	17:55:34	17:55:50	17:55:53	17:56:33	00:00:16	00:00:59		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
7	00:00:15	1680	Average
0	00:00:00	0	1680

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	102	408	00:01:11	00:00:23	1680	75.83%	
08:15 - 08:30	99	396	00:01:22	00:00:30	1680	63.85%	
08:30 - 08:45	102	408	00:01:11	00:00:23	1680	71.69%	Average
08:45 - 09:00	88	352	00:01:10	00:00:15	1680	99.30%	78.06%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	137	548	00:01:08	00:00:22	1680	100.82%	
17:15 - 17:30	149	596	00:01:17	00:00:30	1680	91.29%	
17:30 - 17:45	111	444	00:01:12	00:00:23	1680	82.50%	Average
17:45 - 18:00	121	484	00:01:08	00:00:23	1680	83.94%	89.44%

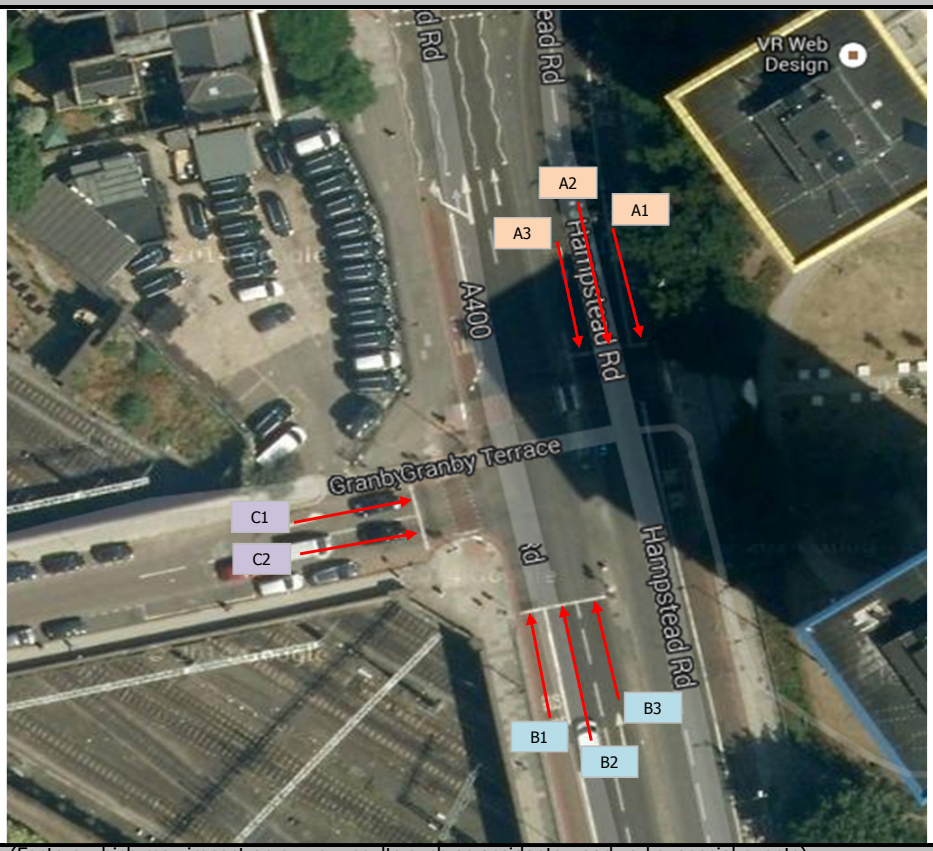
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:56	0	0	0	0	0	0	0	0	0	0	06:04:59	0	0	0	0	0	0	0	0	0	0	06:05:19	00:00:50
0	0	0	0	0	0	0	0	0	06:10:40	0	0	1	0	0	0	0	0	0	1	06:10:43	0	0	0	0	0	0	0	0	0	0	06:11:23	00:00:51
0	0	0	0	0	0	0	0	0	06:13:36	0	0	0	0	0	0	0	0	0	0	06:13:39	0	0	0	0	0	0	0	0	0	0	06:13:59	00:00:51
0	0	0	0	0	0	0	0	0	06:20:32	0	0	0	0	0	0	0	0	0	0	06:20:35	0	0	0	0	0	0	0	0	0	0	06:20:56	00:00:49
0	0	0	0	0	0	0	0	0	06:27:28	0	0	0	0	0	0	0	0	0	0	06:27:31	0	0	0	0	0	0	0	0	0	0	06:27:51	00:00:50
0	0	0	0	0	0	0	0	0	06:34:23	0	0	0	0	0	0	0	0	0	0	06:34:26	0	0	0	0	0	0	0	0	0	0	06:34:47	00:00:50
0	0	0	0	0	0	0	0	0	06:41:20	0	0	0	0	0	0	0	0	0	0	06:41:23	0	0	0	0	0	0	0	0	0	0	06:41:44	00:00:50
0	0	0	0	0	0	0	0	0	06:47:24	0	0	0	0	0	0	0	0	0	0	06:47:27	0	0	0	0	0	0	0	0	0	0	06:47:48	00:00:50
0	0	0	0	0	0	0	0	0	06:52:34	1	0	0	0	0	0	0	0	0	1	06:52:37	0	0	0	0	0	0	0	0	0	0	06:52:59	00:00:50
0	0	0	0	0	0	0	0	0	06:57:47	0	0	0	0	0	0	0	0	0	0	06:57:50	0	0	0	0	0	0	0	0	0	0	06:58:11	00:00:50

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 10
Date of Survey: 10.06.2014
Junction Name: Granby Terrace / Hampstead Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.531881	-0.139178	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001981
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:13	0	0	0	0	0	0	0	0	0	0	06:04:15	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:08:20	0	0	0	0	0	0	0	0	0	0	06:08:22	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:14:53	0	0	0	0	0	0	0	0	0	0	06:14:55	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:22:09	0	0	0	0	0	0	0	0	0	0	06:22:11	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:27:25	0	0	0	0	0	0	0	0	0	0	06:27:27	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
6	06:34:13	0	0	0	0	0	0	0	0	0	0	06:34:15	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
7	06:42:37	0	0	0	0	0	0	0	0	0	0	06:42:39	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
8	06:47:29	0	0	0	0	0	0	0	0	0	0	06:47:31	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
9	06:54:41	0	0	0	0	0	0	0	0	0	0	06:54:43	0	0	0	0	0	0	0	1	1	1		0	0	0	0	0	0	0	0	0	0		0
10	06:58:21	0	0	0	0	0	0	0	0	0	0	06:58:23	0	0	0	0	0	0	0	1	2	0		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	08:01:01	08:01:03	08:01:52	08:01:55	08:02:35	00:00:49	00:01:32		
	2	08:03:51	08:03:53	08:04:24	08:04:27	08:05:07	00:00:31	00:01:14		
08:00 - 08:15	3	08:05:58	08:06:00	08:06:48	08:06:51	08:07:31	00:00:48	00:01:31	37	148
	4	08:09:21	08:09:23	08:10:16	08:10:19	08:10:33	00:00:53	00:01:10		
	5	08:12:14	08:12:16	08:12:44	08:12:47	08:13:27	00:00:28	00:01:11		
	6	08:15:43	08:15:45	08:16:12	08:16:15	08:16:55	00:00:27	00:01:10		
	7	08:18:07	08:18:09	08:18:40	08:18:43	08:19:23	00:00:31	00:01:14		
08:15 - 08:30	8	08:20:10	08:20:12	08:21:04	08:21:07	08:21:47	00:00:52	00:01:35	43	172
	9	08:23:45	08:23:47	08:24:36	08:24:39	08:25:19	00:00:49	00:01:32		
	10	08:27:25	08:27:27	08:28:16	08:28:19	08:28:59	00:00:49	00:01:32		
	11	08:30:54	08:30:56	08:31:47	08:31:50	08:32:30	00:00:51	00:01:34		
	12	08:33:18	08:33:20	08:34:16	08:34:19	08:34:59	00:00:56	00:01:39		
08:30 - 08:45	13	08:35:47	08:35:49	08:36:33	08:36:36	08:37:16	00:00:44	00:01:27	56	224
	14	08:39:35	08:39:37	08:40:04	08:40:07	08:40:47	00:00:27	00:01:10		
	15	08:40:47	08:40:49	08:41:20	08:41:23	08:42:01	00:00:31	00:01:12		
	16	08:45:43	08:45:45	08:46:13	08:46:16	08:46:56	00:00:28	00:01:11		
	17	08:48:07	08:48:09	08:48:39	08:48:42	08:49:22	00:00:30	00:01:13		
08:45 - 09:00	18	08:52:29	08:52:31	08:53:21	08:53:24	08:54:04	00:00:50	00:01:33	47	188
	19	08:54:57	08:54:59	08:55:51	08:55:54	08:56:34	00:00:52	00:01:35		
	20	08:58:30	08:58:32	08:59:31	08:59:34	09:00:14	00:00:59	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	17:02:18	17:02:20	17:03:20	17:03:23	17:04:03	00:01:00	00:01:43		
	2	17:05:12	17:05:14	17:05:42	17:05:45	17:06:27	00:00:28	00:01:13		
17:00 - 17:15	3	17:07:16	17:07:12	17:08:06	17:08:09	17:08:51	00:00:54	00:01:39	21	84
	4	17:10:42	17:10:44	17:11:48	17:11:51	17:12:03	00:01:04	00:01:19		
	5	17:13:11	17:13:13	17:14:10	17:14:13	17:14:55	00:00:57	00:01:42		
	6	17:16:38	17:16:40	17:17:34	17:17:37	17:18:19	00:00:54	00:01:39		
	7	17:18:19	17:18:21	17:18:50	17:18:53	17:19:35	00:00:29	00:01:14		
17:15 - 17:30	8	17:20:22	17:20:24	17:21:26	17:21:29	17:21:42	00:01:02	00:01:18	44	176
	9	17:23:51	17:23:53	17:24:42	17:24:45	17:25:27	00:00:49	00:01:34		
	10	17:27:47	17:27:49	17:28:20	17:28:23	17:29:05	00:00:31	00:01:16		
	11	17:30:54	17:30:56	17:31:46	17:31:49	17:32:31	00:00:50	00:01:35		
	12	17:34:55	17:34:57	17:35:22	17:35:25	17:36:07	00:00:25	00:01:10		
17:30 - 17:45	13	17:37:25	17:37:27	17:37:51	17:37:54	17:38:35	00:00:24	00:01:08	37	148
	14	17:40:30	17:40:32	17:41:26	17:41:29	17:42:11	00:00:54	00:01:39		
	15	17:44:10	17:44:12	17:45:15	17:45:18	17:45:58	00:01:03	00:01:46		
	16	17:46:38	17:46:40	17:47:30	17:47:33	17:48:15	00:00:50	00:01:35		
	17	17:48:58	17:49:00	17:49:58	17:50:01	17:50:43	00:00:58	00:01:43		
17:45 - 18:00	18	17:51:30	17:51:32	17:52:27	17:52:30	17:53:11	00:00:55	00:01:39	33	132
	19	17:56:26	17:56:28	17:57:14	17:57:17	17:57:59	00:00:46	00:01:31		
	20	17:57:59	17:58:01	17:58:22	17:58:25	17:59:07	00:00:21	00:01:06		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	37	148	00:01:20	00:00:42	0	0.00%	
08:15 - 08:30	43	172	00:01:25	00:00:42	0	0.00%	
08:30 - 08:45	56	224	00:01:24	00:00:42	0	0.00%	Average
08:45 - 09:00	47	188	00:01:27	00:00:44	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	21	84	00:01:31	00:00:53	0	0.00%	
17:15 - 17:30	44	176	00:01:24	00:00:45	0	0.00%	
17:30 - 17:45	37	148	00:01:28	00:00:43	0	0.00%	Average
17:45 - 18:00	33	132	00:01:31	00:00:46	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:20	0	0	0	0	0	0	0	0	0	0	06:06:23	0	0	0	0	0	0	0	0	0	0	06:06:37	00:02:22
0	0	0	0	0	0	0	0	0	06:08:45	0	0	0	0	0	0	0	0	0	0	06:08:48	0	0	0	0	0	0	0	0	0	0	06:09:02	00:02:40
0	0	0	0	0	0	0	0	0	06:15:44	0	0	0	0	0	0	0	0	0	0	06:15:47	0	0	0	0	0	0	0	0	0	0	06:16:01	00:01:06
0	0	0	0	0	0	0	0	0	06:29:04	0	0	0	0	0	0	0	0	0	0	06:29:07	0	0	0	0	0	0	0	0	0	0	06:29:21	00:01:10
0	0	0	0	0	0	0	0	0	06:27:56	0	0	0	0	0	0	0	0	0	0	06:27:59	0	0	0	0	0	0	0	0	0	0	06:28:13	00:00:46
0	0	0	0	0	0	0	0	0	06:35:08	0	0	0	0	0	0	0	0	0	0	06:35:11	0	0	0	0	0	0	0	0	0	0	06:35:25	00:01:10
0	0	0	0	0	0	0	0	0	06:43:32	0	0	0	0	0	0	0	0	0	0	06:43:35	0	0	0	0	0	0	0	0	0	0	06:44:15	00:01:36
0	0	0	0	0	0	0	0	0	06:48:28	0	0	0	0	0	0	0	0	0	0	06:48:31	0	0	0	0	0	0	0	0	0	0	06:49:11	00:01:40
0	0	0	0	0	0	0	0	0	06:55:36	0	0	0	0	0	0	0	0	0	0	06:55:39	0	0	0	0	0	0	0	0	0	0	06:56:19	00:01:36
0	0	0	0	0	0	0	0	0	06:59:16	0	0	0	0	0	0	0	0	0	0	06:59:19	0	0	0	0	0	0	0	0	1	0	06:59:34	00:01:11

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:13	0	0	0	0	0	0	0	0	0	0	06:04:15	1	0	1	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:08:20	0	0	0	0	0	0	0	0	0	0	06:08:22	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:14:53	0	0	0	0	0	0	0	0	0	0	06:14:55	1	0	1	0	0	0	0	1	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:22:09	0	0	0	0	0	0	0	0	0	0	06:22:11	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:27:25	0	0	0	0	0	0	0	0	0	0	06:27:27	2	0	0	0	0	0	0	2	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:34:13	0	0	0	0	0	0	0	0	0	0	06:34:15	6	0	2	0	0	0	0	1	0	8		0	0	0	0	0	0	0	0	0	0		0
7	06:42:37	0	0	0	0	0	0	0	0	0	0	06:42:39	2	0	3	0	0	1	0	1	0	7		0	0	0	0	0	0	0	0	0	0		0
8	06:47:29	0	0	0	0	0	0	0	0	0	0	06:47:31	5	0	2	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:54:41	0	0	0	0	0	0	0	0	0	0	06:54:43	7	0	2	0	0	0	0	1	0	9		0	0	0	0	0	0	0	0	0	0		0
10	06:58:21	0	0	0	0	0	0	0	0	0	0	06:58:23	3	0	3	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:01	08:01:03	08:01:52	08:01:55	08:02:35	00:00:49	00:01:32	96	384
	2	08:03:51	08:03:53	08:04:24	08:04:27	08:05:07	00:00:31	00:01:14		
	3	08:05:58	08:06:00	08:06:48	08:06:51	08:07:31	00:00:48	00:01:31		
	4	08:09:21	08:09:23	08:10:16	08:10:19	08:10:33	00:00:53	00:01:10		
	5	08:12:14	08:12:16	08:12:44	08:12:47	08:13:27	00:00:28	00:01:13		
08:15 - 08:30	6	08:15:43	08:15:45	08:16:12	08:16:15	08:16:55	00:00:27	00:01:09	83	332
	7	08:18:07	08:18:09	08:18:40	08:18:43	08:19:23	00:00:31	00:01:14		
	8	08:20:18	08:20:20	08:21:04	08:21:07	08:21:47	00:00:43	00:01:29		
	9	08:23:45	08:23:47	08:24:36	08:24:39	08:25:19	00:00:49	00:01:32		
	10	08:27:25	08:27:27	08:28:16	08:28:19	08:28:59	00:00:49	00:01:32		
08:30 - 08:45	11	08:30:54	08:30:56	08:31:47	08:31:50	08:32:30	00:00:51	00:01:34	110	440
	12	08:33:18	08:33:20	08:34:16	08:34:19	08:34:59	00:00:56	00:01:39		
	13	08:35:47	08:35:49	08:36:33	08:36:36	08:37:16	00:00:44	00:01:27		
	14	08:39:35	08:39:37	08:40:04	08:40:07	08:40:47	00:00:27	00:01:10		
	15	08:40:47	08:40:49	08:41:20	08:41:23	08:42:01	00:00:31	00:01:12		
08:45 - 09:00	16	08:45:43	08:45:45	08:46:13	08:46:16	08:46:56	00:00:28	00:01:11	106	424
	17	08:48:07	08:48:09	08:48:39	08:48:42	08:49:22	00:00:30	00:01:13		
	18	08:52:29	08:52:31	08:53:21	08:53:24	08:54:04	00:00:50	00:01:33		
	19	08:54:57	08:54:59	08:55:51	08:55:54	08:56:34	00:00:52	00:01:35		
	20	08:58:30	08:58:32	08:59:31	08:59:34	09:00:14	00:00:59	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:18	17:02:20	17:03:20	17:03:23	17:04:03	00:01:00	00:01:43	64	256
	2	17:05:12	17:05:14	17:05:42	17:05:45	17:06:27	00:00:28	00:01:13		
	3	17:07:10	17:07:12	17:08:06	17:08:09	17:08:51	00:00:54	00:01:39		
	4	17:10:42	17:10:44	17:11:48	17:11:51	17:12:03	00:01:04	00:01:19		
	5	17:13:13	17:13:15	17:13:30	17:13:33	17:14:15	00:00:15	00:01:02		
17:15 - 17:30	6	17:16:38	17:16:40	17:17:34	17:17:37	17:18:19	00:00:54	00:01:39	62	248
	7	17:18:19	17:18:21	17:18:50	17:18:53	17:19:35	00:00:29	00:01:14		
	8	17:20:22	17:20:24	17:21:26	17:21:29	17:21:42	00:01:02	00:01:18		
	9	17:23:51	17:23:53	17:24:42	17:24:45	17:25:27	00:00:49	00:01:34		
	10	17:27:47	17:27:49	17:28:20	17:28:23	17:29:05	00:00:31	00:01:16		
17:30 - 17:45	11	17:30:54	17:30:56	17:31:46	17:31:49	17:32:31	00:00:50	00:01:35	80	320
	12	17:34:55	17:34:57	17:35:22	17:35:25	17:36:07	00:00:25	00:01:10		
	13	17:37:25	17:37:27	17:37:51	17:37:54	17:38:35	00:00:24	00:01:08		
	14	17:40:30	17:40:32	17:41:26	17:41:29	17:42:11	00:00:54	00:01:39		
	15	17:44:10	17:44:12	17:45:15	17:45:18	17:45:58	00:01:03	00:01:48		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:30	17:47:33	17:48:15	00:00:50	00:01:35	65	260
	17	17:48:58	17:49:00	17:49:58	17:50:01	17:50:43	00:00:58	00:01:43		
	18	17:51:30	17:51:32	17:52:27	17:52:30	17:53:11	00:00:55	00:01:39		
	19	17:56:26	17:56:28	17:57:14	17:57:17	17:57:59	00:00:46	00:01:33		
	20	17:57:59	17:58:01	17:58:22	17:58:25	17:59:07	00:00:21	00:01:08		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	96	384	00:01:20	00:00:42	0	0.00%	
08:15 - 08:30	83	332	00:01:25	00:00:42	0	0.00%	
08:30 - 08:45	110	440	00:01:24	00:00:42	0	0.00%	Average
08:45 - 09:00	106	424	00:01:27	00:00:44	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	64	256	00:01:31	00:00:53	0	0.00%	
17:15 - 17:30	62	248	00:01:24	00:00:45	0	0.00%	
17:30 - 17:45	80	320	00:01:28	00:00:43	0	0.00%	Average
17:45 - 18:00	65	260	00:01:31	00:00:46	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:20	1	0	0	0	0	0	0	0	0	1	06:06:23	0	0	0	0	0	0	0	0	0	06:06:37	00:02:22
0	0	0	0	0	0	0	0	0	06:08:45	0	0	0	0	0	0	0	0	0	0	06:08:48	0	0	0	0	0	0	0	0	0	06:09:02	00:02:40
0	0	0	0	0	0	0	0	0	06:15:44	0	0	0	0	0	0	0	0	0	0	06:15:47	0	0	0	0	0	0	0	0	0	06:16:01	00:01:06
0	0	0	0	0	0	0	0	0	06:29:04	0	0	0	0	0	0	0	0	0	0	06:29:07	0	0	0	0	0	0	0	0	0	06:29:21	00:01:10
0	0	0	0	0	0	0	0	0	06:27:56	0	0	0	0	0	0	0	0	0	0	06:27:59	0	0	0	0	0	0	0	0	0	06:28:13	00:00:46
0	0	0	0	0	0	0	0	0	06:35:08	0	0	0	0	0	0	0	0	0	0	06:35:11	0	0	0	0	0	0	0	0	0	06:35:25	00:01:10
0	0	0	0	0	0	0	0	0	06:43:32	1	0	0	0	0	0	0	0	0	1	06:43:35	0	0	0	0	0	0	0	0	0	06:44:15	00:01:36
0	0	0	0	0	0	0	0	0	06:48:28	0	0	0	0	0	0	0	0	0	0	06:48:31	0	0	0	0	0	0	0	0	0	06:49:11	00:01:40
0	0	0	0	0	0	0	0	0	06:55:36	0	0	0	0	0	0	0	0	0	0	06:55:39	0	0	0	0	0	0	0	0	0	06:56:19	00:01:36
0	0	0	0	0	0	0	0	0	06:59:16	0	0	0	0	0	0	0	0	0	0	06:59:19	0	0	0	0	0	0	0	0	0	06:59:34	00:01:11

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:13	0	0	0	0	0	0	0	0	0	0	06:04:15	4	1	1	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
2	06:08:20	0	0	0	0	0	0	0	0	0	0	06:08:22	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:14:53	0	0	0	0	0	0	0	0	0	0	06:14:55	3	0	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
4	06:22:09	0	0	0	0	0	0	0	0	0	0	06:22:11	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:27:25	0	0	0	0	0	0	0	0	0	0	06:27:27	3	0	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:34:13	0	0	0	0	0	0	0	0	0	0	06:34:15	9	0	0	0	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
7	06:42:37	0	0	0	0	0	0	0	0	0	0	06:42:39	4	1	2	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
8	06:46:17	0	0	0	0	0	0	0	1	0	0	06:46:19	2	0	0	0	0	0	0	0	0	2	06:46:25	6	0	0	0	0	0	0	0	0	6	06:46:32	0
9	06:54:41	0	0	0	0	0	0	0	0	0	0	06:54:43	2	0	0	0	0	0	0	0	0	2	06:54:49	5	0	3	0	0	0	0	0	0	8	06:55:01	0
10	06:56:19	0	0	0	0	0	0	0	0	0	0	06:56:21	0	0	1	1	0	0	0	0	0	3	06:56:28	4	0	4	0	0	0	0	0	0	8	06:56:45	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	08:01:01	08:01:03	08:01:52	08:01:55	08:02:35	00:00:49	00:01:32	125	500
	08:03:51	08:03:53	08:04:24	08:04:27	08:05:07	00:00:31	00:01:14		
	08:05:58	08:06:00	08:06:48	08:06:51	08:07:31	00:00:48	00:01:31		
	08:09:21	08:09:23	08:10:16	08:10:19	08:10:33	00:00:53	00:01:10		
	08:12:14	08:12:16	08:12:44	08:12:47	08:13:27	00:00:28	00:01:13		
08:15 - 08:30	08:15:43	08:15:45	08:16:12	08:16:15	08:16:55	00:00:27	00:01:09	132	528
	08:18:07	08:18:09	08:18:40	08:18:43	08:19:23	00:00:31	00:01:14		
	08:20:10	08:20:12	08:21:04	08:21:07	08:21:47	00:00:52	00:01:35		
	08:23:45	08:23:47	08:24:36	08:24:39	08:25:19	00:00:49	00:01:32		
	08:27:25	08:27:27	08:28:16	08:28:19	08:28:59	00:00:49	00:01:32		
08:30 - 08:45	08:30:54	08:30:56	08:31:47	08:31:50	08:32:30	00:00:51	00:01:34	139	556
	08:33:18	08:33:20	08:34:16	08:34:19	08:34:59	00:00:56	00:01:39		
	08:35:47	08:35:49	08:36:33	08:36:36	08:37:16	00:00:44	00:01:27		
	08:39:35	08:39:37	08:40:04	08:40:07	08:40:47	00:00:27	00:01:10		
	08:40:47	08:40:49	08:41:20	08:41:23	08:42:01	00:00:31	00:01:12		
08:45 - 09:00	08:45:43	08:45:45	08:46:13	08:46:16	08:46:56	00:00:28	00:01:11	115	460
	08:48:07	08:48:09	08:48:39	08:48:42	08:49:22	00:00:30	00:01:13		
	08:52:29	08:52:31	08:53:21	08:53:24	08:54:04	00:00:50	00:01:33		
	08:54:57	08:54:59	08:55:51	08:55:54	08:56:34	00:00:52	00:01:35		
	08:58:30	08:58:32	08:59:31	08:59:34	09:00:14	00:00:59	00:01:42		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	17:02:18	17:02:20	17:03:20	17:03:23	17:04:03	00:01:00	00:01:43	77	308
	17:05:12	17:05:14	17:05:42	17:05:45	17:06:27	00:00:28	00:01:13		
	17:07:10	17:07:12	17:08:06	17:08:09	17:08:51	00:00:54	00:01:39		
	17:10:42	17:10:44	17:11:08	17:11:11	17:12:03	00:01:04	00:01:49		
	17:13:13	17:13:15	17:13:43	17:13:46	17:14:05	00:00:28	00:01:03		
17:15 - 17:30	17:16:38	17:16:40	17:17:34	17:17:37	17:18:19	00:00:54	00:01:39	82	328
	17:18:19	17:18:21	17:18:50	17:18:53	17:19:35	00:00:29	00:01:14		
	17:20:22	17:20:24	17:21:26	17:21:29	17:21:42	00:01:02	00:01:18		
	17:23:51	17:23:53	17:24:42	17:24:45	17:25:27	00:00:49	00:01:34		
	17:27:47	17:27:49	17:28:20	17:28:23	17:29:05	00:00:31	00:01:16		
17:30 - 17:45	17:30:54	17:30:56	17:31:46	17:31:49	17:32:31	00:00:50	00:01:35	87	348
	17:34:55	17:34:57	17:35:22	17:35:25	17:36:07	00:00:25	00:01:10		
	17:37:25	17:37:27	17:37:51	17:37:54	17:38:35	00:00:24	00:01:08		
	17:40:30	17:40:32	17:41:26	17:41:29	17:42:11	00:00:54	00:01:39		
	17:44:10	17:44:12	17:45:15	17:45:18	17:45:58	00:01:03	00:01:46		
17:45 - 18:00	17:46:38	17:46:40	17:47:30	17:47:33	17:48:15	00:00:50	00:01:35	80	320
	17:48:58	17:49:00	17:49:58	17:50:01	17:50:43	00:00:58	00:01:43		
	17:51:30	17:51:32	17:52:27	17:52:30	17:53:11	00:00:55	00:01:39		
	17:56:26	17:56:28	17:57:14	17:57:17	17:57:59	00:00:46	00:01:33		
	17:57:59	17:58:01	17:58:22	17:58:25	17:59:07	00:00:21	00:01:08		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
6	00:00:07	3086	
8	00:00:12	2400	Average
8	00:00:17	1694	2393

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	125	500	00:01:20	00:00:42	2393	39.78%	
08:15 - 08:30	132	528	00:01:25	00:00:42	2393	44.87%	
08:30 - 08:45	139	556	00:01:24	00:00:42	2393	46.91%	Average
08:45 - 09:00	115	460	00:01:27	00:00:44	2393	38.99%	42.41%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	77	308	00:01:31	00:00:53	2393	21.31%	
17:15 - 17:30	82	328	00:01:24	00:00:45	2393	25.64%	
17:30 - 17:45	87	348	00:01:28	00:00:43	2393	29.49%	Average
17:45 - 18:00	80	320	00:01:31	00:00:46	2393	26.39%	25.96%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:20	1	0	0	0	0	0	0	0	0	1	06:06:23	0	0	0	0	0	0	0	0	0	0	06:06:37	00:02:22
0	0	0	0	0	0	0	0	0	06:08:45	0	0	0	0	0	0	0	0	0	0	06:08:48	0	0	0	0	0	0	0	0	0	0	06:09:02	00:02:40
0	0	0	0	0	0	0	0	0	06:15:44	0	0	0	0	0	0	0	0	0	0	06:15:47	0	0	0	0	0	0	0	0	0	0	06:16:01	00:01:06
0	0	0	0	0	0	0	0	0	06:29:04	0	0	0	0	0	0	0	0	0	0	06:29:07	0	0	0	0	0	0	0	0	0	0	06:29:21	00:01:10
0	0	0	0	0	0	0	0	0	06:27:56	0	0	0	0	0	0	0	0	0	0	06:27:59	0	0	0	0	0	0	0	0	0	0	06:28:13	00:00:46
0	0	0	0	0	0	0	0	0	06:35:08	0	0	0	0	0	0	0	0	0	0	06:35:11	0	0	0	0	0	0	0	0	0	0	06:35:25	00:01:10
0	0	0	0	0	0	0	0	0	06:43:32	1	0	0	0	0	0	0	1	0	1	06:43:35	0	0	0	0	0	0	0	0	0	0	06:44:15	00:01:36
0	1	0	0	0	0	1	0	1	06:47:12	1	0	1	0	0	0	0	0	0	2	06:47:15	0	0	1	0	0	0	0	0	0	1	06:47:29	00:01:10
0	0	0	0	0	0	0	0	0	06:55:36	0	0	1	0	0	0	0	0	0	1	06:55:39	0	0	0	0	0	0	0	0	0	0	06:56:19	00:01:36
0	0	0	1	0	0	0	0	2	06:56:52	0	0	1	0	0	0	0	0	0	1	06:56:55	0	0	0	0	0	0	0	0	0	0	06:57:09	00:00:48

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:42	0	0	0	0	0	0	0	0	0	0	06:00:44	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:06:38	0	0	0	0	0	0	0	0	0	0	06:06:40	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:14:54	0	0	0	0	0	0	0	0	0	0	06:14:56	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:20:54	0	0	0	0	0	0	0	0	0	0	06:20:56	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:27:26	0	0	0	0	0	0	0	0	0	0	06:27:28	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:34:14	0	0	0	0	0	0	0	0	0	0	06:34:16	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:40:14	0	0	0	0	0	0	0	0	0	0	06:40:16	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:46:18	0	0	0	0	0	0	0	0	0	0	06:46:20	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:52:11	0	0	0	0	0	0	0	0	0	0	06:52:13	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:57:10	0	0	0	0	0	0	0	0	0	0	06:57:12	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:02	08:01:04	08:01:52	08:01:55	08:02:36	00:00:48	00:01:32	17	68
	2	08:03:52	08:03:54	08:04:24	08:04:27	08:05:08	00:00:30	00:01:14		
	3	08:07:32	08:07:34	08:07:56	08:07:59	08:08:40	00:00:22	00:01:06		
	4	08:10:34	08:10:36	08:11:42	08:11:45	08:12:15	00:01:06	00:01:39		
	5	08:13:28	08:13:30	08:13:52	08:13:55	08:14:36	00:00:22	00:01:06		
08:15 - 08:30	6	08:15:44	08:15:46	08:16:11	08:16:14	08:16:56	00:00:25	00:01:10	12	48
	7	08:18:08	08:18:10	08:18:39	08:18:42	08:19:23	00:00:29	00:01:13		
	8	08:22:39	08:22:41	08:23:27	08:23:30	08:23:46	00:00:46	00:01:05		
	9	08:26:14	08:26:16	08:27:09	08:27:12	08:27:25	00:00:53	00:01:09		
	10	08:27:25	08:27:27	08:28:15	08:28:18	08:28:59	00:00:48	00:01:32		
08:30 - 08:45	11	08:30:55	08:30:57	08:31:46	08:31:49	08:32:31	00:00:49	00:01:34	30	120
	12	08:35:48	08:35:50	08:36:12	08:36:35	08:37:17	00:00:42	00:01:27		
	13	08:38:26	08:38:28	08:38:52	08:38:55	08:39:36	00:00:24	00:01:08		
	14	08:40:47	08:40:49	08:41:20	08:41:23	08:42:04	00:00:31	00:01:15		
	15	08:42:02	08:42:04	08:42:35	08:42:38	08:43:20	00:00:31	00:01:16		
08:45 - 09:00	16	08:46:56	08:46:58	08:47:24	08:47:27	08:48:08	00:00:26	00:01:10	21	84
	17	08:50:06	08:50:08	08:51:00	08:51:03	08:51:44	00:00:52	00:01:36		
	18	08:52:30	08:52:32	08:53:20	08:53:23	08:54:05	00:00:48	00:01:33		
	19	08:56:34	08:56:36	08:56:59	08:57:02	08:57:43	00:00:23	00:01:07		
	20	08:58:31	08:58:33	08:59:31	08:59:34	09:00:15	00:00:58	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:18	17:02:20	17:03:19	17:03:22	17:04:03	00:00:59	00:01:43	38	152
	2	17:05:11	17:05:13	17:05:41	17:05:44	17:06:27	00:00:28	00:01:14		
	3	17:07:10	17:07:12	17:08:05	17:08:08	17:08:51	00:00:53	00:01:39		
	4	17:10:42	17:10:44	17:11:47	17:11:50	17:12:03	00:01:03	00:01:19		
	5	17:12:03	17:12:05	17:13:54	17:12:57	17:13:11	00:00:49	00:01:06		
17:15 - 17:30	6	17:16:38	17:16:40	17:17:33	17:17:36	17:18:19	00:00:53	00:01:39	32	128
	7	17:20:22	17:20:24	17:21:25	17:21:28	17:21:42	00:01:01	00:01:18		
	8	17:21:42	17:21:44	17:22:27	17:22:30	17:23:13	00:00:43	00:01:29		
	9	17:25:27	17:25:29	17:25:49	17:25:52	17:26:35	00:00:20	00:01:06		
	10	17:27:47	17:27:49	17:28:19	17:28:22	17:29:05	00:00:30	00:01:16		
17:30 - 17:45	11	17:30:54	17:30:56	17:31:45	17:31:48	17:32:31	00:00:49	00:01:35	33	132
	12	17:33:43	17:33:45	17:34:09	17:34:12	17:34:55	00:00:24	00:01:10		
	13	17:36:07	17:36:09	17:36:40	17:36:43	17:37:24	00:00:31	00:01:15		
	14	17:38:35	17:38:37	17:39:01	17:39:04	17:39:47	00:00:24	00:01:10		
	15	17:42:10	17:42:12	17:42:46	17:42:49	17:43:32	00:00:34	00:01:20		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:28	17:47:31	17:48:14	00:00:48	00:01:34	40	160
	17	17:48:57	17:48:59	17:49:57	17:50:00	17:50:42	00:00:58	00:01:43		
	18	17:51:30	17:51:32	17:52:25	17:52:28	17:53:10	00:00:53	00:01:38		
	19	17:54:23	17:54:25	17:54:49	17:54:52	17:55:34	00:00:24	00:01:09		
	20	17:56:25	17:56:27	17:57:13	17:57:16	17:57:59	00:00:46	00:01:32		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	17	68	00:01:19	00:00:38	0	0.00%	
08:15 - 08:30	12	48	00:01:14	00:00:40	0	0.00%	
08:30 - 08:45	30	120	00:01:25	00:00:35	0	0.00%	Average
08:45 - 09:00	21	84	00:01:26	00:00:41	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	38	152	00:01:24	00:00:50	0	0.00%	
17:15 - 17:30	32	128	00:01:22	00:00:41	0	0.00%	
17:30 - 17:45	33	132	00:01:18	00:00:32	0	0.00%	Average
17:45 - 18:00	40	160	00:01:31	00:00:46	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber												Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:36	0	0	0	0	0	0	0	0	0	0	06:01:39	0	0	0	0	0	0	0	0	0	0	06:01:54	00:01:10
0	0	0	0	0	0	0	0	0	06:07:36	0	0	0	0	0	0	0	0	0	0	06:07:39	0	0	0	0	0	0	0	0	0	0	06:08:20	00:01:40
0	0	0	0	0	0	0	0	0	06:15:44	0	0	0	0	0	0	0	0	0	0	06:15:47	0	0	0	0	0	0	0	0	0	0	06:16:02	00:01:06
0	0	0	0	0	0	0	0	0	06:21:52	0	0	0	0	0	0	0	0	0	0	06:21:55	0	0	0	0	0	0	0	0	0	0	06:22:10	00:01:14
0	0	0	0	0	0	0	0	0	06:27:56	0	0	0	0	0	0	0	0	0	0	06:27:59	0	0	0	0	0	0	0	0	0	0	06:28:14	00:00:46
0	0	0	0	0	0	0	0	0	06:35:08	0	0	0	0	0	0	0	0	0	0	06:35:11	0	0	0	0	0	0	0	0	0	0	06:35:26	00:01:10
0	0	0	0	0	0	0	0	0	06:41:08	0	0	0	0	0	0	0	0	0	0	06:41:11	0	0	0	0	0	0	0	0	0	0	06:41:26	00:01:10
0	0	0	0	0	0	0	0	0	06:47:12	0	0	0	0	0	0	0	0	0	0	06:47:15	0	0	0	0	0	0	0	0	0	0	06:47:30	00:01:10
0	0	0	0	0	0	0	0	0	06:53:08	0	0	0	0	0	0	0	0	0	0	06:53:11	0	0	0	0	0	0	0	0	0	0	06:53:26	00:01:13
0	0	0	0	0	0	0	0	0	06:58:04	0	0	0	0	0	0	0	0	0	0	06:58:07	0	0	0	0	0	0	0	0	0	0	06:58:22	00:01:10

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:42	0	0	0	0	0	0	0	0	0	0	06:00:44	2	0	2	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
2	06:06:38	0	0	0	0	0	0	0	0	0	0	06:06:40	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:14:54	0	0	0	0	0	0	0	0	0	0	06:14:56	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:20:54	0	0	0	0	0	0	0	0	0	0	06:20:56	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:27:26	0	0	0	0	0	0	0	0	0	0	06:27:28	3	0	0	0	0	0	1	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:34:14	0	0	0	0	0	0	0	0	0	0	06:34:16	2	0	1	2	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
7	06:40:14	0	0	0	0	0	0	0	0	0	0	06:40:16	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:46:18	0	0	0	0	0	0	0	0	0	0	06:46:20	2	0	2	0	0	0	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:52:11	0	0	0	0	0	0	0	0	0	0	06:52:13	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:57:10	0	0	0	0	0	0	0	0	0	0	06:57:12	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:02	08:01:04	08:01:52	08:01:55	08:02:36	00:00:48	00:01:32	67	268
	2	08:03:52	08:03:54	08:04:24	08:04:27	08:05:08	00:00:30	00:01:14		
	3	08:07:32	08:07:34	08:07:56	08:07:59	08:08:40	00:00:22	00:01:06		
	4	08:10:34	08:10:36	08:11:42	08:11:45	08:12:15	00:01:06	00:01:39		
	5	08:13:28	08:13:30	08:13:52	08:13:55	08:14:36	00:00:22	00:01:06		
08:15 - 08:30	6	08:15:44	08:15:46	08:16:11	08:16:14	08:16:56	00:00:25	00:01:10	74	296
	7	08:18:08	08:18:10	08:18:39	08:18:42	08:19:23	00:00:29	00:01:13		
	8	08:22:39	08:22:41	08:23:27	08:23:30	08:23:46	00:00:46	00:01:05		
	9	08:26:14	08:26:16	08:27:09	08:27:12	08:27:25	00:00:53	00:01:09		
	10	08:27:25	08:27:27	08:28:15	08:28:18	08:28:59	00:00:48	00:01:32		
08:30 - 08:45	11	08:30:55	08:30:57	08:31:46	08:31:49	08:32:31	00:00:49	00:01:34	86	344
	12	08:35:48	08:35:50	08:36:32	08:36:35	08:37:17	00:00:42	00:01:27		
	13	08:38:26	08:38:28	08:38:52	08:38:55	08:39:36	00:00:24	00:01:08		
	14	08:40:47	08:40:49	08:41:20	08:41:23	08:42:04	00:00:31	00:01:15		
	15	08:42:02	08:42:04	08:42:35	08:42:38	08:43:20	00:00:31	00:01:16		
08:45 - 09:00	16	08:46:56	08:46:58	08:47:24	08:47:27	08:48:08	00:00:26	00:01:10	78	312
	17	08:50:06	08:50:08	08:51:00	08:51:03	08:51:44	00:00:52	00:01:36		
	18	08:52:30	08:52:32	08:53:20	08:53:23	08:54:05	00:00:48	00:01:33		
	19	08:56:34	08:56:36	08:56:59	08:57:02	08:57:43	00:00:23	00:01:07		
	20	08:58:31	08:58:33	08:59:31	08:59:34	09:00:15	00:00:58	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:18	17:02:20	17:03:19	17:03:22	17:04:03	00:00:59	00:01:43	124	496
	2	17:05:11	17:05:13	17:05:41	17:05:44	17:06:27	00:00:28	00:01:14		
	3	17:07:10	17:07:12	17:08:05	17:08:08	17:08:51	00:00:53	00:01:39		
	4	17:10:42	17:10:44	17:11:47	17:11:50	17:12:03	00:01:03	00:01:19		
	5	17:12:03	17:12:05	17:12:54	17:12:57	17:13:11	00:00:49	00:01:06		
17:15 - 17:30	6	17:16:38	17:16:40	17:17:33	17:17:36	17:18:19	00:00:53	00:01:39	133	532
	7	17:20:22	17:20:24	17:21:25	17:21:28	17:21:42	00:01:01	00:01:18		
	8	17:21:42	17:21:44	17:22:27	17:22:30	17:23:13	00:00:43	00:01:29		
	9	17:25:27	17:25:29	17:25:49	17:25:52	17:26:35	00:00:20	00:01:08		
	10	17:27:47	17:27:49	17:28:19	17:28:22	17:29:05	00:00:30	00:01:18		
17:30 - 17:45	11	17:30:54	17:30:56	17:31:45	17:31:48	17:32:31	00:00:49	00:01:35	138	552
	12	17:33:43	17:33:45	17:34:09	17:34:12	17:34:55	00:00:24	00:01:10		
	13	17:36:07	17:36:09	17:36:40	17:36:43	17:37:24	00:00:31	00:01:15		
	14	17:38:35	17:38:37	17:39:01	17:39:04	17:39:47	00:00:24	00:01:10		
	15	17:42:10	17:42:12	17:42:46	17:42:49	17:43:32	00:00:34	00:01:20		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:28	17:47:31	17:48:14	00:00:48	00:01:34	107	428
	17	17:48:57	17:48:59	17:49:57	17:50:00	17:50:42	00:00:58	00:01:43		
	18	17:51:30	17:51:32	17:52:25	17:52:28	17:53:10	00:00:53	00:01:38		
	19	17:54:23	17:54:25	17:54:49	17:54:52	17:55:34	00:00:24	00:01:09		
	20	17:56:25	17:56:27	17:57:13	17:57:16	17:57:59	00:00:46	00:01:32		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	67	268	00:01:19	00:00:38	0	0.00%	
08:15 - 08:30	74	296	00:01:14	00:00:40	0	0.00%	
08:30 - 08:45	86	344	00:01:20	00:00:35	0	0.00%	Average
08:45 - 09:00	78	312	00:01:26	00:00:41	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	124	496	00:01:24	00:00:50	0	0.00%	
17:15 - 17:30	133	532	00:01:22	00:00:41	0	0.00%	
17:30 - 17:45	138	552	00:01:18	00:00:32	0	0.00%	Average
17:45 - 18:00	107	428	00:01:31	00:00:46	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:36	0	0	0	0	0	0	0	0	0	0	06:01:39	0	0	0	0	0	0	0	0	0	0	06:01:54	00:01:10
0	0	0	0	0	0	0	0	0	06:07:36	0	0	0	0	0	0	0	0	0	0	06:07:39	0	0	0	0	0	0	0	0	0	0	06:08:20	00:01:40
0	0	0	0	0	0	0	0	0	06:15:44	1	0	0	0	0	1	0	0	0	3	06:15:47	0	0	1	0	0	0	0	0	1	1	06:16:02	00:01:06
0	0	0	0	0	0	0	0	0	06:21:52	0	0	0	0	0	0	0	0	0	0	06:21:55	0	0	0	0	0	0	0	0	0	0	06:22:10	00:01:14
0	0	0	0	0	0	0	0	0	06:27:56	0	0	0	0	0	0	0	0	0	0	06:27:59	0	0	0	0	0	0	0	0	0	0	06:28:14	00:00:46
0	0	0	0	0	0	0	0	0	06:35:08	0	0	0	0	0	0	0	0	0	0	06:35:11	0	0	0	0	0	0	0	0	0	0	06:35:26	00:01:10
0	0	0	0	0	0	0	0	0	06:41:08	0	0	0	0	0	0	0	0	0	0	06:41:11	0	0	0	0	0	0	0	0	0	0	06:41:26	00:01:10
0	0	0	0	0	0	0	0	0	06:47:12	0	0	0	0	0	0	0	0	0	0	06:47:15	0	0	0	0	0	0	0	0	0	0	06:47:30	00:01:10
0	0	0	0	0	0	0	0	0	06:53:08	0	0	0	0	0	0	0	0	0	0	06:53:11	0	0	0	0	0	0	0	0	0	0	06:53:26	00:01:13
0	0	0	0	0	0	0	0	0	06:58:04	0	0	0	0	0	0	0	0	0	0	06:58:07	0	0	0	0	0	0	0	0	0	0	06:58:22	00:01:10

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:42	0	0	0	0	0	0	0	0	0	0	06:00:44	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:06:38	0	0	0	0	0	0	0	0	0	0	06:06:40	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:14:54	0	0	0	0	0	0	0	0	0	0	06:14:56	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:20:54	0	0	0	0	0	0	0	0	0	0	06:20:56	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:27:26	0	0	0	0	0	0	0	0	0	0	06:27:28	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:34:14	0	0	0	0	0	0	0	0	0	0	06:34:16	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:40:14	0	0	0	0	0	0	0	0	0	0	06:40:16	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:46:18	0	0	0	0	0	0	0	0	0	0	06:46:20	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:52:11	0	0	0	0	0	0	0	0	0	0	06:52:13	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:57:10	0	0	0	0	0	0	0	0	0	0	06:57:12	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:02	08:01:04	08:01:52	08:01:55	08:02:36	00:00:48	00:01:32	22	88
	2	08:03:52	08:03:54	08:04:24	08:04:27	08:05:08	00:00:30	00:01:14		
	3	08:07:32	08:07:34	08:07:56	08:07:59	08:08:40	00:00:22	00:01:06		
	4	08:10:34	08:10:36	08:11:42	08:11:45	08:12:15	00:01:06	00:01:39		
	5	08:13:28	08:13:30	08:13:52	08:13:55	08:14:36	00:00:22	00:01:06		
08:15 - 08:30	6	08:15:44	08:15:46	08:16:11	08:16:14	08:16:56	00:00:25	00:01:10	21	84
	7	08:18:08	08:18:10	08:18:39	08:18:42	08:19:23	00:00:29	00:01:13		
	8	08:22:39	08:22:41	08:23:27	08:23:30	08:23:46	00:00:46	00:01:05		
	9	08:26:14	08:26:16	08:27:09	08:27:12	08:27:25	00:00:53	00:01:09		
	10	08:27:25	08:27:27	08:28:15	08:28:18	08:28:59	00:00:48	00:01:32		
08:30 - 08:45	11	08:30:55	08:30:57	08:31:46	08:31:49	08:32:31	00:00:49	00:01:34	46	184
	12	08:35:48	08:35:50	08:36:32	08:36:35	08:37:17	00:00:42	00:01:27		
	13	08:38:26	08:38:28	08:38:52	08:38:55	08:39:36	00:00:24	00:01:08		
	14	08:40:47	08:40:49	08:41:20	08:41:23	08:42:04	00:00:31	00:01:15		
	15	08:42:02	08:42:04	08:42:35	08:42:38	08:43:20	00:00:31	00:01:16		
08:45 - 09:00	16	08:46:56	08:46:58	08:47:24	08:47:27	08:48:08	00:00:26	00:01:10	45	180
	17	08:50:06	08:50:08	08:51:00	08:51:03	08:51:44	00:00:52	00:01:36		
	18	08:52:30	08:52:32	08:53:20	08:53:23	08:54:05	00:00:48	00:01:33		
	19	08:56:34	08:56:36	08:56:59	08:57:02	08:57:43	00:00:23	00:01:07		
	20	08:58:31	08:58:33	08:59:31	08:59:34	09:00:15	00:00:58	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:18	17:02:20	17:03:19	17:03:22	17:04:03	00:00:59	00:01:43	88	352
	2	17:05:11	17:05:13	17:05:41	17:05:44	17:06:27	00:00:28	00:01:14		
	3	17:07:10	17:07:12	17:08:05	17:08:08	17:08:51	00:00:53	00:01:39		
	4	17:10:42	17:10:44	17:11:47	17:11:50	17:12:03	00:01:03	00:01:19		
	5	17:12:03	17:12:05	17:12:54	17:12:57	17:13:11	00:00:49	00:01:06		
17:15 - 17:30	6	17:16:38	17:16:40	17:17:33	17:17:36	17:18:19	00:00:53	00:01:39	114	456
	7	17:20:22	17:20:24	17:21:25	17:21:28	17:21:42	00:01:01	00:01:18		
	8	17:21:42	17:21:44	17:22:27	17:22:30	17:23:13	00:00:43	00:01:29		
	9	17:25:27	17:25:29	17:25:49	17:25:52	17:26:35	00:00:20	00:01:08		
	10	17:27:47	17:27:49	17:28:19	17:28:22	17:29:05	00:00:30	00:01:18		
17:30 - 17:45	11	17:30:54	17:30:56	17:31:45	17:31:48	17:32:31	00:00:49	00:01:35	90	360
	12	17:33:43	17:33:45	17:34:09	17:34:12	17:34:55	00:00:24	00:01:10		
	13	17:36:07	17:36:09	17:36:40	17:36:43	17:37:24	00:00:31	00:01:15		
	14	17:38:35	17:38:37	17:39:01	17:39:04	17:39:47	00:00:24	00:01:10		
	15	17:42:10	17:42:12	17:42:46	17:42:49	17:43:32	00:00:34	00:01:20		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:28	17:47:31	17:48:14	00:00:48	00:01:34	78	312
	17	17:48:57	17:48:59	17:49:57	17:50:00	17:50:42	00:00:58	00:01:43		
	18	17:51:30	17:51:32	17:52:25	17:52:28	17:53:10	00:00:53	00:01:38		
	19	17:54:23	17:54:25	17:54:49	17:54:52	17:55:34	00:00:24	00:01:09		
	20	17:56:25	17:56:27	17:57:13	17:57:16	17:57:59	00:00:46	00:01:32		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	22	88	00:01:19	00:00:38	0	0.00%	
08:15 - 08:30	21	84	00:01:14	00:00:40	0	0.00%	
08:30 - 08:45	46	184	00:01:20	00:00:35	0	0.00%	Average
08:45 - 09:00	45	180	00:01:26	00:00:41	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	88	352	00:01:24	00:00:50	0	0.00%	
17:15 - 17:30	114	456	00:01:22	00:00:41	0	0.00%	
17:30 - 17:45	90	360	00:01:18	00:00:32	0	0.00%	Average
17:45 - 18:00	78	312	00:01:31	00:00:46	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:36	0	0	0	0	0	0	0	0	0	0	06:01:39	0	0	0	0	0	0	0	0	0	0	06:01:54	00:01:10
0	0	0	0	0	0	0	0	0	06:07:36	0	0	0	0	0	0	0	0	0	0	06:07:39	0	0	0	0	0	0	0	0	0	0	06:08:20	00:01:40
0	0	0	0	0	0	0	0	0	06:15:44	0	0	0	0	0	0	0	0	0	0	06:15:47	0	0	0	0	0	0	0	0	0	0	06:16:02	00:01:06
0	0	0	0	0	0	0	0	0	06:21:52	0	0	0	0	0	0	0	0	0	0	06:21:55	0	0	0	0	0	0	0	0	0	0	06:22:10	00:01:14
0	0	0	0	0	0	0	0	0	06:27:56	0	0	0	0	0	0	0	0	0	0	06:27:59	0	0	0	0	0	0	0	0	0	0	06:28:14	00:00:46
0	0	0	0	0	0	0	0	0	06:35:08	0	0	0	0	0	0	0	0	0	0	06:35:11	0	0	0	0	0	0	0	0	0	0	06:35:26	00:01:10
0	0	0	0	0	0	0	0	0	06:41:08	0	0	0	0	0	0	0	0	0	0	06:41:11	0	0	0	0	0	0	0	0	0	0	06:41:26	00:01:10
0	0	0	0	0	0	0	0	0	06:47:12	0	0	0	0	0	0	0	0	0	0	06:47:15	0	0	0	0	0	0	0	0	0	0	06:47:30	00:01:10
0	0	0	0	0	0	0	0	0	06:53:08	0	0	0	0	0	0	0	0	0	0	06:53:11	0	0	0	0	0	0	0	0	0	0	06:53:26	00:01:13
0	0	0	0	0	0	0	0	0	06:58:04	0	0	0	0	0	0	0	0	0	0	06:58:07	0	0	0	0	0	0	0	0	0	0	06:58:22	00:01:10

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:00	0	0	0	0	0	0	0	0	0	0	06:04:02	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:12:21	0	0	0	0	0	0	0	0	0	0	06:12:23	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:17:08	0	0	0	0	0	0	0	0	0	0	06:17:10	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:23:08	0	0	0	0	0	0	0	0	0	0	06:23:10	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:28:00	0	0	0	0	0	0	0	0	0	0	06:28:02	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:35:12	0	0	0	0	0	0	0	0	0	0	06:35:14	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:41:12	0	0	0	0	0	0	0	0	0	0	06:41:14	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:48:32	0	0	0	0	0	0	0	0	0	0	06:48:34	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:53:11	0	0	0	0	0	0	0	0	0	0	06:53:13	0	0	0	0	0	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:56:56	0	0	0	0	0	0	0	0	0	0	06:56:58	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:55	08:01:57	08:02:34	08:02:37	08:03:11	00:00:37	00:01:14	8	32
	2	08:04:27	08:04:29	08:05:04	08:05:07	08:05:46	00:00:35	00:01:17		
	3	08:06:51	08:06:53	08:07:28	08:07:31	08:07:59	00:00:35	00:01:06		
	4	08:11:47	08:11:49	08:12:11	08:12:14	08:12:47	00:00:22	00:00:58		
	5	08:13:55	08:13:57	08:14:32	08:14:35	08:15:03	00:00:35	00:01:06		
08:15 - 08:30	6	08:16:15	08:16:17	08:16:52	08:16:55	08:17:27	00:00:35	00:01:10	17	68
	7	08:18:43	08:18:45	08:19:20	08:19:23	08:19:58	00:00:35	00:01:13		
	8	08:21:07	08:21:09	08:21:44	08:21:47	08:22:15	00:00:35	00:01:06		
	9	08:24:39	08:24:41	08:25:16	08:25:19	08:26:01	00:00:35	00:01:20		
	10	08:28:19	08:28:21	08:28:56	08:28:59	08:29:27	00:00:35	00:01:06		
08:30 - 08:45	11	08:31:50	08:31:52	08:32:27	08:32:30	08:33:04	00:00:35	00:01:12	13	52
	12	08:34:19	08:34:21	08:34:56	08:34:59	08:35:33	00:00:35	00:01:12		
	13	08:36:36	08:36:38	08:37:13	08:37:16	08:37:45	00:00:35	00:01:07		
	14	08:40:07	08:40:09	08:40:44	08:40:47	08:41:23	00:00:35	00:01:14		
	15	08:42:39	08:42:41	08:43:16	08:43:19	08:43:51	00:00:35	00:01:10		
08:45 - 09:00	16	08:45:03	08:45:05	08:45:40	08:45:43	08:46:16	00:00:35	00:01:11	21	84
	17	08:47:27	08:47:29	08:48:04	08:48:07	08:48:42	00:00:35	00:01:13		
	18	08:51:03	08:51:05	08:51:40	08:51:43	08:52:18	00:00:35	00:01:13		
	19	08:53:24	08:53:26	08:54:01	08:54:04	08:54:45	00:00:35	00:01:19		
	20	08:55:54	08:55:56	08:56:31	08:56:34	08:57:03	00:00:35	00:01:07		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:03:23	17:03:25	17:04:00	17:04:03	17:04:29	00:00:35	00:01:04	21	84
	2	17:04:29	17:04:31	17:05:09	17:05:12	17:05:46	00:00:38	00:01:15		
	3	17:05:46	17:05:48	17:06:24	17:06:27	17:06:58	00:00:36	00:01:10		
	4	17:08:10	17:08:12	17:08:49	17:08:52	17:09:22	00:00:37	00:01:10		
	5	17:09:22	17:09:24	17:10:00	17:10:03	17:10:29	00:00:36	00:01:05		
17:15 - 17:30	6	17:15:17	17:15:19	17:15:56	17:15:59	17:16:25	00:00:37	00:01:06	18	72
	7	17:17:37	17:17:39	17:18:17	17:18:20	17:18:53	00:00:38	00:01:14		
	8	17:22:32	17:22:34	17:23:11	17:23:14	17:23:37	00:00:37	00:01:03		
	9	17:24:45	17:24:47	17:25:25	17:25:28	17:25:53	00:00:38	00:01:06		
	10	17:27:05	17:27:07	17:27:45	17:27:48	17:28:23	00:00:38	00:01:16		
17:30 - 17:45	11	17:31:50	17:31:52	17:32:29	17:32:32	17:33:02	00:00:37	00:01:10	22	88
	12	17:34:14	17:34:16	17:34:53	17:34:56	17:35:25	00:00:37	00:01:09		
	13	17:36:45	17:36:47	17:37:22	17:37:25	17:37:54	00:00:35	00:01:07		
	14	17:39:05	17:39:07	17:39:45	17:39:48	17:40:18	00:00:38	00:01:11		
	15	17:41:29	17:41:31	17:42:08	17:42:11	17:42:50	00:00:37	00:01:19		
17:45 - 18:00	16	17:45:19	17:45:21	17:45:56	17:45:59	17:46:25	00:00:35	00:01:04	14	56
	17	17:47:33	17:47:35	17:48:12	17:48:15	17:48:45	00:00:37	00:01:10		
	18	17:50:01	17:50:03	17:50:40	17:50:43	17:51:17	00:00:37	00:01:14		
	19	17:52:39	17:52:32	17:53:08	17:53:11	17:53:41	00:00:36	00:01:09		
	20	17:54:54	17:54:56	17:55:32	17:55:35	17:56:14	00:00:36	00:01:18		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	8	32	00:01:08	00:00:33	0	0.00%	
08:15 - 08:30	17	68	00:01:11	00:00:35	0	0.00%	
08:30 - 08:45	13	52	00:01:11	00:00:35	0	0.00%	Average
08:45 - 09:00	21	84	00:01:13	00:00:35	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	21	84	00:01:09	00:00:36	0	0.00%	
17:15 - 17:30	18	72	00:01:09	00:00:38	0	0.00%	
17:30 - 17:45	22	88	00:01:11	00:00:37	0	0.00%	Average
17:45 - 18:00	14	56	00:01:11	00:00:36	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:11	0	0	0	0	0	0	0	0	0	0	06:04:14	0	0	0	0	0	0	0	0	0	0	06:06:24	00:02:22
0	0	0	0	0	0	0	0	0	06:12:32	0	0	0	0	0	0	0	0	0	0	06:12:35	0	0	0	0	0	0	0	0	0	0	06:14:40	00:02:17
0	0	0	0	0	0	0	0	0	06:17:18	0	0	0	0	0	0	0	0	0	0	06:17:21	0	0	0	0	0	0	0	0	0	0	06:18:11	00:01:01
0	0	0	0	0	0	0	0	0	06:23:18	0	0	0	0	0	0	0	0	0	0	06:23:21	0	0	0	0	0	0	0	0	0	0	06:24:24	00:01:14
0	0	0	0	0	0	0	0	0	06:28:11	0	0	0	0	0	0	0	0	0	0	06:28:14	0	0	0	0	0	0	0	0	0	0	06:29:11	00:01:09
0	0	0	0	0	0	0	0	0	06:35:23	0	0	0	0	0	0	0	0	0	0	06:35:26	0	0	0	0	0	0	0	0	0	0	06:36:20	00:01:06
0	0	0	0	0	0	0	0	0	06:41:23	0	0	0	0	0	0	0	0	0	0	06:41:26	0	0	0	0	0	0	0	0	0	0	06:42:24	00:01:10
0	0	0	0	0	0	0	0	0	06:48:41	0	0	0	0	0	0	0	0	0	0	06:48:44	0	0	0	0	0	0	0	0	0	0	06:49:44	00:01:10
0	0	0	0	0	0	0	0	0	06:53:22	0	0	0	0	0	0	0	0	0	0	06:53:25	0	0	0	0	0	0	0	0	0	0	06:54:28	00:01:15
0	0	0	0	0	0	0	0	0	06:57:07	0	0	0	0	0	0	0	0	0	0	06:57:10	0	0	0	0	0	0	0	0	0	0	06:58:08	00:01:10

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:00	0	0	0	0	0	0	0	0	0	0	06:04:02	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:12:21	0	0	0	0	0	0	0	0	0	0	06:12:23	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:17:08	0	0	0	0	0	0	0	0	0	0	06:17:10	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:23:08	0	0	0	0	0	0	0	0	0	0	06:23:10	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:28:00	0	0	0	0	0	0	0	0	0	0	06:28:02	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:35:12	0	0	0	0	0	0	0	0	0	0	06:35:14	1	0	0	1	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:41:12	0	0	0	0	0	0	0	0	0	0	06:41:14	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:48:32	0	0	0	0	0	0	0	0	0	0	06:48:34	0	0	3	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:53:11	0	0	0	0	0	0	0	0	0	0	06:53:13	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:56:56	0	0	0	0	0	0	0	0	0	0	06:56:58	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:55	08:01:57	08:02:34	08:02:37	08:03:11	00:00:37	00:01:14	50	200
	2	08:04:27	08:04:29	08:05:04	08:05:07	08:05:46	00:00:35	00:01:17		
	3	08:06:51	08:06:53	08:07:28	08:07:31	08:07:59	00:00:35	00:01:06		
	4	08:11:47	08:11:49	08:12:11	08:12:14	08:12:47	00:00:22	00:00:58		
	5	08:13:55	08:13:57	08:14:32	08:14:35	08:15:03	00:00:35	00:01:06		
08:15 - 08:30	6	08:16:15	08:16:17	08:16:52	08:16:55	08:17:27	00:00:35	00:01:00	44	176
	7	08:18:43	08:18:45	08:19:20	08:19:23	08:19:58	00:00:35	00:01:13		
	8	08:21:07	08:21:09	08:21:44	08:21:47	08:22:15	00:00:35	00:01:06		
	9	08:24:39	08:24:41	08:25:16	08:25:19	08:26:01	00:00:35	00:01:20		
	10	08:28:19	08:28:21	08:28:56	08:28:59	08:29:27	00:00:35	00:01:06		
08:30 - 08:45	11	08:31:50	08:31:52	08:32:27	08:32:30	08:33:04	00:00:35	00:01:12	36	144
	12	08:34:19	08:34:21	08:34:56	08:34:59	08:35:33	00:00:35	00:01:12		
	13	08:36:36	08:36:38	08:37:13	08:37:16	08:37:45	00:00:35	00:01:07		
	14	08:40:07	08:40:09	08:40:44	08:40:47	08:41:23	00:00:35	00:01:14		
	15	08:42:39	08:42:41	08:43:16	08:43:19	08:43:51	00:00:35	00:01:10		
08:45 - 09:00	16	08:45:03	08:45:05	08:45:40	08:45:43	08:46:16	00:00:35	00:01:11	57	228
	17	08:47:27	08:47:29	08:48:04	08:48:07	08:48:42	00:00:35	00:01:13		
	18	08:51:03	08:51:05	08:51:40	08:51:43	08:52:18	00:00:35	00:01:13		
	19	08:53:24	08:53:26	08:54:01	08:54:04	08:54:45	00:00:35	00:01:19		
	20	08:55:54	08:55:56	08:56:31	08:56:34	08:57:03	00:00:35	00:01:07		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:03:23	17:03:25	17:04:00	17:04:03	17:04:29	00:00:35	00:01:04	30	120
	2	17:04:29	17:04:31	17:05:09	17:05:12	17:05:46	00:00:38	00:01:15		
	3	17:05:46	17:05:48	17:06:24	17:06:27	17:06:58	00:00:36	00:01:10		
	4	17:08:10	17:08:12	17:08:49	17:08:52	17:09:22	00:00:37	00:01:10		
	5	17:09:22	17:09:24	17:10:00	17:10:03	17:10:29	00:00:36	00:01:05		
17:15 - 17:30	6	17:15:17	17:15:19	17:15:56	17:15:59	17:16:25	00:00:37	00:01:06	29	116
	7	17:17:37	17:17:39	17:18:17	17:18:20	17:18:53	00:00:38	00:01:16		
	8	17:22:32	17:22:34	17:23:11	17:23:14	17:23:37	00:00:37	00:01:03		
	9	17:24:45	17:24:47	17:25:25	17:25:28	17:25:53	00:00:38	00:01:06		
	10	17:27:05	17:27:07	17:27:45	17:27:48	17:28:23	00:00:38	00:01:16		
17:30 - 17:45	11	17:31:50	17:31:52	17:32:29	17:32:32	17:33:02	00:00:37	00:01:10	23	92
	12	17:34:14	17:34:16	17:34:53	17:34:56	17:35:25	00:00:37	00:01:09		
	13	17:36:45	17:36:47	17:37:22	17:37:25	17:37:54	00:00:35	00:01:07		
	14	17:39:05	17:39:07	17:39:45	17:39:48	17:40:18	00:00:38	00:01:11		
	15	17:41:29	17:41:31	17:42:08	17:42:11	17:42:50	00:00:37	00:01:19		
17:45 - 18:00	16	17:45:19	17:45:21	17:45:56	17:45:59	17:46:25	00:00:35	00:01:04	31	124
	17	17:47:33	17:47:35	17:48:12	17:48:15	17:48:45	00:00:37	00:01:10		
	18	17:50:01	17:50:03	17:50:40	17:50:43	17:51:17	00:00:37	00:01:14		
	19	17:52:38	17:52:32	17:53:08	17:53:11	17:53:41	00:00:36	00:01:09		
	20	17:54:54	17:54:56	17:55:32	17:55:35	17:56:14	00:00:36	00:01:18		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	50	200	00:01:08	00:00:33	0	0.00%	
08:15 - 08:30	44	176	00:01:11	00:00:35	0	0.00%	
08:30 - 08:45	36	144	00:01:11	00:00:35	0	0.00%	Average
08:45 - 09:00	57	228	00:01:13	00:00:35	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	30	120	00:01:09	00:00:36	0	0.00%	
17:15 - 17:30	29	116	00:01:09	00:00:38	0	0.00%	
17:30 - 17:45	23	92	00:01:11	00:00:37	0	0.00%	Average
17:45 - 18:00	31	124	00:01:11	00:00:36	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:11	0	0	0	0	0	0	0	0	0	0	06:04:14	0	0	0	0	0	0	0	0	0	0	06:06:24	00:02:22
0	0	0	0	0	0	0	0	0	06:12:32	0	0	0	0	0	0	0	0	0	0	06:12:35	0	0	0	0	0	0	0	0	0	0	06:14:40	00:02:17
0	0	0	0	0	0	0	0	0	06:17:18	0	0	1	0	0	0	0	0	0	1	06:17:21	0	0	0	0	0	0	0	0	0	0	06:18:11	00:01:01
0	0	0	0	0	0	0	0	0	06:23:18	0	0	0	0	0	0	0	0	0	0	06:23:21	0	0	0	0	0	0	0	0	0	0	06:24:24	00:01:14
0	0	0	0	0	0	0	0	0	06:28:11	0	0	0	0	0	0	0	0	0	0	06:28:14	0	0	0	0	0	0	0	0	0	0	06:29:11	00:01:09
0	0	0	0	0	0	0	0	0	06:35:23	0	0	0	0	0	0	0	0	0	0	06:35:26	0	0	0	0	0	0	0	0	0	0	06:36:20	00:01:06
0	0	0	0	0	0	0	0	0	06:41:23	0	0	0	0	0	0	0	0	0	0	06:41:26	0	0	0	0	0	0	0	0	0	0	06:42:24	00:01:10
0	0	0	0	0	0	0	0	0	06:48:41	0	0	0	0	0	0	0	0	0	0	06:48:44	0	0	0	0	0	0	0	0	0	0	06:49:44	00:01:10
0	0	0	0	0	0	0	0	0	06:53:22	1	0	0	0	0	0	0	1	0	1	06:53:25	0	0	0	0	0	0	0	0	0	0	06:54:28	00:01:15
0	0	0	0	0	0	0	0	0	06:57:07	0	0	0	0	0	0	0	0	0	0	06:57:10	0	0	0	0	0	0	0	0	0	0	06:58:08	00:01:10

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:17	0	0	0	0	0	0	0	0	0	0	06:02:19	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:08:13	0	0	0	0	0	0	0	0	0	0	06:08:15	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
3	06:14:25	0	0	0	0	0	0	0	0	0	0	06:14:27	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
4	06:19:17	0	0	0	0	0	0	0	0	0	0	06:19:19	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:26:13	0	0	0	0	0	0	0	0	0	0	06:26:15	0	0	0	0	0	0	0	1	1	1		0	0	0	0	0	0	0	0	0	0		0
6	06:32:25	0	0	0	0	0	0	0	0	0	0	06:32:27	0	0	0	0	0	0	0	1	1	1		0	0	0	0	0	0	0	0	0	0		0
7	06:37:31	0	0	0	0	0	0	0	0	0	0	06:37:33	0	0	0	0	0	2	0	0	2	4		0	0	0	0	0	0	0	0	0	0		0
8	06:43:05	0	0	0	0	0	0	0	0	0	0	06:43:07	1	0	0	0	0	2	0	0	2	5		0	0	0	0	0	0	0	0	0	0		0
9	06:51:25	0	0	0	0	0	0	0	0	0	0	06:51:27	0	0	0	0	0	1	0	0	2	2		0	0	0	0	0	0	0	0	0	0		0
10	06:59:53	0	0	0	0	0	0	0	0	0	0	06:59:55	0	0	0	0	0	2	0	0	4	5		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:01:36	08:01:38	08:02:28	08:02:31	08:03:11	00:00:50	00:01:33		
2	08:04:19	08:04:21	08:04:48	08:04:51	08:05:31	00:00:27	00:01:10		
3	08:07:47	08:07:49	08:08:16	08:08:19	08:08:59	00:00:27	00:01:10		
4	08:11:27	08:11:29	08:11:48	08:11:51	08:12:31	00:00:19	00:01:02		
5	08:13:19	08:13:21	08:14:06	08:14:09	08:14:23	00:00:45	00:01:02		
6	08:15:54	08:15:56	08:16:20	08:16:23	08:17:03	00:00:24	00:01:07		
7	08:18:56	08:18:58	08:19:57	08:20:00	08:20:15	00:00:59	00:01:17		
8	08:23:02	08:23:04	08:23:24	08:23:27	08:24:06	00:00:20	00:01:02		
9	08:25:14	08:25:16	08:25:48	08:25:51	08:26:31	00:00:32	00:01:15		
10	08:28:55	08:28:57	08:29:23	08:29:26	08:30:06	00:00:26	00:01:09		
11	08:31:18	08:31:20	08:31:47	08:31:50	08:32:30	00:00:27	00:01:10		
12	08:33:42	08:33:44	08:34:11	08:34:14	08:34:54	00:00:27	00:01:10		
13	08:38:30	08:38:32	08:38:59	08:39:02	08:39:16	00:00:27	00:00:44		
14	08:40:58	08:41:00	08:41:33	08:41:36	08:41:48	00:00:33	00:00:48		
15	08:43:18	08:43:20	08:43:47	08:43:50	08:44:30	00:00:27	00:01:10		
16	08:45:42	08:45:44	08:46:11	08:46:14	08:46:28	00:00:27	00:00:44		
17	08:47:47	08:47:49	08:48:35	08:48:38	08:49:18	00:00:46	00:01:29		
18	08:50:26	08:50:28	08:51:05	08:51:08	08:51:20	00:00:37	00:00:52		
19	08:52:35	08:52:37	08:53:19	08:53:22	08:54:02	00:00:42	00:01:25		
20	08:56:30	08:56:32	08:57:09	08:57:12	08:57:26	00:00:37	00:00:54		

08:00 - 08:15	48
08:15 - 08:30	40
08:30 - 08:45	58
08:45 - 09:00	45

08:00 - 08:15	192
08:15 - 08:30	160
08:30 - 08:45	232
08:45 - 09:00	180

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:26	17:01:28	17:02:29	17:02:32	17:02:44	00:01:01	00:01:16		
2	17:06:44	17:06:46	17:07:21	17:07:24	17:08:04	00:00:35	00:01:18		
3	17:09:47	17:09:49	17:10:49	17:10:52	17:11:32	00:01:00	00:01:43		
4	17:12:07	17:12:09	17:12:59	17:13:02	17:13:44	00:00:50	00:01:35		
5	17:13:44	17:13:46	17:14:20	17:14:23	17:15:05	00:00:34	00:01:19		
6	17:16:55	17:16:57	17:17:51	17:17:54	17:18:36	00:00:54	00:01:39		
7	17:20:27	17:20:29	17:21:23	17:21:26	17:21:39	00:00:54	00:01:10		
8	17:23:59	17:24:01	17:25:00	17:25:03	17:25:45	00:00:59	00:01:44		
9	17:26:19	17:26:21	17:27:15	17:27:18	17:27:31	00:00:54	00:01:10		
10	17:27:31	17:27:33	17:28:34	17:28:37	17:29:17	00:01:01	00:01:44		
11	17:32:22	17:32:24	17:33:19	17:33:22	17:33:35	00:00:55	00:01:11		
12	17:35:59	17:36:01	17:37:01	17:37:04	17:37:16	00:01:00	00:01:15		
13	17:37:16	17:37:18	17:38:07	17:38:10	17:38:23	00:00:49	00:01:05		
14	17:38:23	17:38:25	17:39:21	17:39:24	17:39:37	00:00:56	00:01:12		
15	17:43:11	17:43:13	17:44:17	17:44:20	17:45:00	00:01:04	00:01:47		
16	17:47:16	17:47:18	17:47:43	17:47:46	17:48:28	00:00:25	00:01:10		
17	17:49:40	17:49:42	17:50:08	17:50:11	17:50:53	00:00:26	00:01:11		
18	17:52:48	17:52:50	17:53:53	17:53:56	17:54:36	00:01:03	00:01:46		
19	17:55:36	17:55:38	17:56:07	17:56:10	17:56:52	00:00:29	00:01:14		
20	17:58:35	17:58:37	17:59:31	17:59:34	17:59:47	00:00:54	00:01:10		

17:00 - 17:15	40
17:15 - 17:30	37
17:30 - 17:45	32
17:45 - 18:00	37

17:00 - 17:15	160
17:15 - 17:30	148
17:30 - 17:45	128
17:45 - 18:00	148

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	48	192	00:01:11	00:00:34	0	0.00%	
08:15 - 08:30	40	160	00:01:10	00:00:32	0	0.00%	
08:30 - 08:45	58	232	00:01:00	00:00:28	0	0.00%	Average
08:45 - 09:00	45	180	00:01:05	00:00:38	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	40	160	00:01:26	00:00:48	0	0.00%	
17:15 - 17:30	37	148	00:01:29	00:00:56	0	0.00%	
17:30 - 17:45	32	128	00:01:18	00:00:57	0	0.00%	Average
17:45 - 18:00	37	148	00:01:18	00:00:39	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:12	0	0	0	0	0	0	0	0	0	0	06:03:15	0	1	0	0	0	0	0	0	1	06:03:30	00:01:11
0	0	0	0	0	0	0	0	0	06:09:12	0	0	0	0	0	0	0	0	0	0	06:09:15	0	0	0	0	0	0	0	0	0	06:09:29	00:01:14
0	0	0	0	0	0	0	0	0	06:15:16	0	0	0	0	0	0	0	0	0	0	06:15:19	0	0	0	0	0	0	0	0	0	06:15:33	00:01:06
0	0	0	0	0	0	0	0	0	06:20:08	0	0	0	0	0	0	0	0	0	0	06:20:11	0	0	0	0	0	0	0	0	0	06:20:25	00:01:06
0	0	0	0	0	0	0	0	0	06:27:12	0	0	0	0	0	0	0	0	0	0	06:27:15	0	0	0	0	0	0	0	0	0	06:27:29	00:01:14
0	0	0	0	0	0	0	0	0	06:33:20	0	0	0	0	0	0	0	0	0	0	06:33:23	0	0	0	0	0	0	0	0	0	06:33:37	00:01:10
0	0	0	0	0	0	0	0	0	06:37:56	0	0	0	0	0	0	0	0	0	0	06:37:59	0	0	0	0	0	0	0	0	2	06:38:39	00:01:06
0	0	0	0	0	0	0	0	0	06:44:20	0	0	0	0	0	0	0	0	0	0	06:44:23	0	0	0	0	0	0	0	0	0	06:44:50	00:01:43
0	0	0	0	0	0	0	0	0	06:52:23	0	0	0	0	0	0	0	0	0	0	06:52:26	0	0	0	0	0	0	0	0	0	06:52:40	00:01:13
0	0	0	0	0	0	0	0	0	07:00:47	0	0	0	0	0	0	0	0	0	0	07:00:50	0	0	0	0	0	0	0	0	0	07:01:06	00:01:11

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:17	0	0	0	0	0	0	0	0	0	0	06:02:19	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:08:13	0	0	0	0	0	0	0	0	0	0	06:08:15	3	0	1	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
3	06:14:25	0	0	0	0	0	0	0	0	0	0	06:14:27	4	0	2	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
4	06:19:17	0	0	0	0	0	0	0	0	0	0	06:19:19	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:26:13	0	0	0	0	0	0	0	0	0	0	06:26:15	3	0	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:32:25	0	0	0	0	0	0	0	0	0	0	06:32:27	4	0	1	1	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
7	06:37:31	0	0	0	0	0	0	0	0	0	0	06:37:33	1	0	2	1	0	0	0	1	0	5		0	0	0	0	0	0	0	0	0	0		0
8	06:43:05	0	0	0	0	0	0	0	0	0	0	06:43:07	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:51:25	0	0	0	0	0	0	0	0	0	0	06:51:27	6	0	3	1	0	0	0	1	0	11		0	0	0	0	0	0	0	0	0	0		0
10	06:59:53	0	0	0	0	0	0	0	0	0	0	06:59:55	1	0	1	0	0	2	0	0	1	6		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	08:01:36	08:01:38	08:02:28	08:02:31	08:03:11	00:00:50	00:01:33	100	400
	08:04:19	08:04:21	08:04:48	08:04:51	08:05:31	00:00:27	00:01:10		
	08:07:47	08:07:49	08:08:16	08:08:19	08:08:59	00:00:27	00:01:10		
	08:11:27	08:11:29	08:11:48	08:11:51	08:12:31	00:00:19	00:01:02		
	08:13:19	08:13:21	08:14:06	08:14:09	08:14:23	00:00:45	00:01:02		
08:15 - 08:30	08:15:54	08:15:56	08:16:20	08:16:23	08:17:03	00:00:24	00:01:07	83	332
	08:18:56	08:18:58	08:19:57	08:20:00	08:20:15	00:00:59	00:01:17		
	08:23:01	08:23:04	08:23:24	08:23:27	08:23:06	00:00:20	00:01:02		
	08:25:14	08:25:16	08:25:48	08:25:51	08:26:31	00:00:32	00:01:15		
	08:28:55	08:28:57	08:29:23	08:29:26	08:30:06	00:00:26	00:01:09		
08:30 - 08:45	08:31:18	08:31:20	08:31:47	08:31:50	08:32:30	00:00:27	00:01:10	104	416
	08:33:42	08:33:44	08:34:11	08:34:14	08:34:54	00:00:27	00:01:10		
	08:38:30	08:38:32	08:38:59	08:39:02	08:39:16	00:00:27	00:00:44		
	08:40:58	08:41:00	08:41:33	08:41:36	08:41:48	00:00:33	00:00:48		
	08:43:18	08:43:20	08:43:47	08:43:50	08:44:30	00:00:27	00:01:10		
08:45 - 09:00	08:45:42	08:45:44	08:46:11	08:46:14	08:46:28	00:00:27	00:00:44	96	384
	08:47:47	08:47:49	08:48:35	08:48:38	08:49:18	00:00:46	00:01:29		
	08:50:26	08:50:28	08:51:05	08:51:08	08:51:20	00:00:37	00:00:52		
	08:52:35	08:52:37	08:53:19	08:53:22	08:54:02	00:00:42	00:01:25		
	08:56:30	08:56:32	08:57:09	08:57:12	08:57:26	00:00:37	00:00:54		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	17:01:26	17:01:28	17:02:29	17:02:32	17:02:44	00:01:01	00:01:16	87	348
	17:06:44	17:06:46	17:07:21	17:07:24	17:08:04	00:00:35	00:01:18		
	17:09:47	17:09:49	17:10:49	17:10:52	17:11:32	00:01:00	00:01:43		
	17:12:07	17:12:09	17:12:59	17:13:02	17:13:44	00:00:50	00:01:35		
	17:14:42	17:14:46	17:15:30	17:15:33	17:15:05	00:00:44	00:01:39		
17:15 - 17:30	17:16:55	17:16:57	17:17:51	17:17:54	17:18:36	00:00:54	00:01:39	70	280
	17:20:27	17:20:29	17:21:23	17:21:26	17:21:39	00:00:54	00:01:03		
	17:23:59	17:24:01	17:25:00	17:25:03	17:25:45	00:00:59	00:01:44		
	17:26:19	17:26:21	17:27:15	17:27:18	17:27:31	00:00:54	00:01:16		
	17:27:31	17:27:33	17:28:34	17:28:37	17:29:17	00:01:01	00:01:44		
17:30 - 17:45	17:32:22	17:32:24	17:33:19	17:33:22	17:33:35	00:00:55	00:01:11	76	304
	17:35:59	17:36:01	17:37:01	17:37:04	17:37:16	00:01:00	00:01:15		
	17:37:16	17:37:18	17:38:07	17:38:10	17:38:23	00:00:49	00:01:05		
	17:38:23	17:38:25	17:39:21	17:39:24	17:39:37	00:00:56	00:01:12		
	17:43:11	17:43:13	17:44:17	17:44:20	17:45:00	00:01:04	00:01:47		
17:45 - 18:00	17:47:16	17:47:18	17:47:43	17:47:46	17:48:28	00:00:25	00:01:10	94	376
	17:49:40	17:49:42	17:50:08	17:50:11	17:50:53	00:00:26	00:01:11		
	17:52:48	17:52:50	17:53:53	17:53:56	17:54:36	00:01:03	00:01:46		
	17:55:36	17:55:38	17:56:07	17:56:10	17:56:52	00:00:29	00:01:14		
	17:58:35	17:58:37	17:59:31	17:59:34	17:59:47	00:00:54	00:01:10		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	100	400	00:01:11	00:00:34	0	0.00%	
08:15 - 08:30	83	332	00:01:10	00:00:32	0	0.00%	
08:30 - 08:45	104	416	00:01:00	00:00:28	0	0.00%	Average
08:45 - 09:00	96	384	00:01:05	00:00:38	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	87	348	00:01:26	00:00:48	0	0.00%	
17:15 - 17:30	70	280	00:01:29	00:00:56	0	0.00%	
17:30 - 17:45	76	304	00:01:18	00:00:57	0	0.00%	Average
17:45 - 18:00	94	376	00:01:18	00:00:59	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:12	0	1	0	0	0	0	0	1	0	1	06:03:15	0	0	0	0	0	0	0	0	0	06:03:30	00:01:11
0	0	0	0	0	0	0	0	0	06:09:12	0	0	0	0	0	0	0	0	0	0	06:09:15	0	0	0	0	0	0	0	0	0	06:09:29	00:01:14
0	0	0	0	0	0	0	0	0	06:15:16	0	0	0	0	0	0	0	0	0	0	06:15:19	0	0	0	0	0	0	0	0	0	06:15:33	00:01:06
0	0	0	0	0	0	0	0	0	06:20:08	0	0	0	0	0	0	0	0	0	0	06:20:11	0	0	0	0	0	0	0	0	0	06:20:25	00:01:06
0	0	0	0	0	0	0	0	0	06:27:12	0	0	0	0	0	0	0	0	0	0	06:27:15	0	0	0	0	0	0	0	0	0	06:27:29	00:01:14
0	0	0	0	0	0	0	0	0	06:33:20	0	0	0	0	0	0	0	0	0	0	06:33:23	0	0	0	0	0	0	0	0	0	06:33:37	00:01:10
0	0	0	0	0	0	0	0	0	06:37:56	1	0	0	0	0	0	0	0	0	1	06:37:59	0	0	0	0	0	0	0	2	0	06:38:39	00:01:06
0	0	0	0	0	0	0	0	0	06:44:20	0	0	0	0	0	0	0	0	0	0	06:44:23	0	0	0	0	0	0	0	0	0	06:44:50	00:01:43
0	0	0	0	0	0	0	0	0	06:52:23	0	0	0	0	0	0	0	0	0	0	06:52:26	0	0	0	0	0	0	0	0	0	06:52:40	00:01:13
0	0	0	0	0	0	0	0	0	07:00:47	0	0	0	0	0	0	0	0	0	0	07:00:50	0	0	0	0	0	0	0	0	0	07:01:06	00:01:11

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:58	0	0	0	0	0	0	0	0	0	0	06:06:00	3	1	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:10:46	0	0	0	0	0	0	0	0	0	0	06:10:48	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
3	06:15:34	0	0	0	0	0	0	0	0	0	0	06:15:36	14	0	3	1	0	0	0	0	0	19		0	0	0	0	0	0	0	0	0	0		0
4	06:20:16	0	0	0	0	0	0	0	0	0	0	06:20:18	3	0	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:26:46	0	0	0	0	0	0	0	0	0	0	06:26:48	6	0	0	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
6	06:33:38	0	0	0	0	0	0	0	0	0	0	06:33:40	6	0	2	0	0	0	0	1	1	9		0	0	0	0	0	0	0	0	0	0		0
7	06:39:22	0	0	0	0	0	0	0	0	0	0	06:39:24	7	0	2	0	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
8	06:47:50	0	0	0	0	0	0	0	0	0	0	06:47:52	3	0	5	0	0	0	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
9	06:52:40	0	0	0	0	0	0	0	0	0	0	06:52:42	2	0	4	0	0	0	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:58:38	0	0	0	0	0	0	0	0	0	0	06:58:40	7	0	4	1	0	0	0	0	0	13		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:36	08:01:38	08:02:28	08:02:31	08:03:11	00:00:50	00:01:33	136	544
	2	08:04:19	08:04:21	08:04:48	08:04:51	08:05:31	00:00:27	00:01:10		
	3	08:07:47	08:07:49	08:08:16	08:08:19	08:08:59	00:00:27	00:01:10		
	4	08:11:27	08:11:29	08:11:48	08:11:51	08:12:31	00:00:19	00:01:02		
	5	08:13:19	08:13:21	08:14:06	08:14:09	08:14:23	00:00:45	00:01:02		
08:15 - 08:30	6	08:15:54	08:15:56	08:16:20	08:16:23	08:17:03	00:00:24	00:01:07	123	492
	7	08:18:56	08:18:58	08:19:57	08:20:00	08:20:15	00:00:59	00:01:17		
	8	08:23:02	08:23:04	08:23:24	08:23:27	08:24:06	00:00:20	00:01:02		
	9	08:25:14	08:25:16	08:25:48	08:25:51	08:26:31	00:00:32	00:01:15		
	10	08:28:55	08:28:57	08:29:23	08:29:26	08:30:06	00:00:26	00:01:09		
08:30 - 08:45	11	08:31:18	08:31:20	08:31:47	08:31:50	08:32:30	00:00:27	00:01:10	109	436
	12	08:33:42	08:33:44	08:34:11	08:34:14	08:34:54	00:00:27	00:01:10		
	13	08:38:30	08:38:32	08:38:59	08:39:02	08:39:16	00:00:27	00:00:44		
	14	08:40:58	08:41:00	08:41:33	08:41:36	08:41:48	00:00:33	00:00:48		
	15	08:43:18	08:43:20	08:43:47	08:43:50	08:44:30	00:00:27	00:01:10		
	16	08:45:42	08:45:44	08:46:11	08:46:14	08:46:28	00:00:27	00:00:44		
08:45 - 09:00	17	08:47:47	08:47:49	08:48:35	08:48:38	08:49:18	00:00:46	00:01:29	116	464
	18	08:50:26	08:50:28	08:51:05	08:51:08	08:51:20	00:00:37	00:00:52		
	19	08:52:35	08:52:37	08:53:19	08:53:22	08:54:02	00:00:42	00:01:25		
	20	08:56:30	08:56:32	08:57:09	08:57:12	08:57:26	00:00:37	00:00:54		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:26	17:01:28	17:02:29	17:02:32	17:02:44	00:01:01	00:01:16	74	296
	2	17:06:44	17:06:46	17:07:21	17:07:24	17:08:04	00:00:35	00:01:18		
	3	17:09:47	17:09:49	17:10:49	17:10:52	17:11:32	00:01:00	00:01:43		
	4	17:12:07	17:12:09	17:12:59	17:13:02	17:13:44	00:00:50	00:01:35		
	5	17:14:44	17:14:46	17:15:30	17:15:33	17:15:45	00:00:44	00:01:39		
17:15 - 17:30	6	17:16:55	17:16:57	17:17:51	17:17:54	17:18:36	00:00:54	00:01:39	80	320
	7	17:20:27	17:20:29	17:21:23	17:21:26	17:21:39	00:00:54	00:01:03		
	8	17:23:59	17:24:01	17:25:00	17:25:03	17:25:45	00:00:59	00:01:44		
	9	17:26:15	17:26:21	17:27:15	17:27:18	17:27:31	00:00:54	00:01:16		
	10	17:27:31	17:27:33	17:28:34	17:28:37	17:29:17	00:01:01	00:01:44		
17:30 - 17:45	11	17:32:22	17:32:24	17:33:19	17:33:22	17:33:35	00:00:55	00:01:11	77	308
	12	17:35:59	17:36:01	17:37:01	17:37:04	17:37:16	00:01:00	00:01:15		
	13	17:37:16	17:37:18	17:38:07	17:38:10	17:38:23	00:00:49	00:01:05		
	14	17:38:23	17:38:25	17:39:21	17:39:24	17:39:37	00:00:56	00:01:12		
	15	17:43:11	17:43:13	17:44:17	17:44:20	17:45:00	00:01:04	00:01:47		
17:45 - 18:00	16	17:47:16	17:47:18	17:47:43	17:47:46	17:48:28	00:00:25	00:01:10	77	308
	17	17:49:40	17:49:42	17:50:08	17:50:11	17:50:53	00:00:26	00:01:11		
	18	17:52:48	17:52:50	17:53:53	17:53:56	17:54:36	00:01:03	00:01:46		
	19	17:55:36	17:55:38	17:56:07	17:56:10	17:56:52	00:00:29	00:01:14		
	20	17:58:35	17:58:37	17:59:31	17:59:34	17:59:47	00:00:54	00:01:10		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	136	544	00:01:11	00:00:34	0	0.00%	
08:15 - 08:30	123	492	00:01:10	00:00:32	0	0.00%	
08:30 - 08:45	109	436	00:01:00	00:00:28	0	0.00%	Average
08:45 - 09:00	116	464	00:01:05	00:00:38	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	74	296	00:01:26	00:00:48	0	0.00%	
17:15 - 17:30	80	320	00:01:29	00:00:56	0	0.00%	
17:30 - 17:45	77	308	00:01:18	00:00:57	0	0.00%	Average
17:45 - 18:00	77	308	00:01:18	00:00:59	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:48	1	0	0	0	0	0	0	0	0	1	06:06:51	0	0	0	0	0	0	0	0	0	0	06:07:06	00:01:06
0	0	0	0	0	0	0	0	0	06:11:45	0	0	0	0	0	0	0	0	0	0	06:11:48	0	0	0	0	0	0	0	0	0	0	06:12:02	00:01:14
0	0	0	0	0	0	0	0	0	06:19:00	0	0	0	0	0	0	0	0	0	0	06:19:03	0	0	0	0	0	0	0	0	0	0	06:19:18	00:03:42
0	0	0	0	0	0	0	0	0	06:23:41	0	0	0	0	0	0	0	0	0	0	06:23:44	0	0	0	0	0	0	0	0	0	0	06:23:58	00:02:40
0	0	0	0	0	0	0	0	0	06:26:51	0	0	0	0	0	0	0	0	0	0	06:26:54	0	0	0	0	0	0	0	0	0	0	06:30:06	00:01:18
0	0	0	0	0	0	0	0	0	06:34:28	0	0	0	0	0	0	0	0	0	0	06:34:31	0	0	0	0	0	0	0	0	0	0	06:34:46	00:01:06
0	0	0	0	0	0	0	0	0	06:40:16	0	0	0	0	0	0	0	0	0	0	06:40:19	0	0	0	0	0	0	0	0	0	0	06:41:00	00:01:36
0	0	0	0	0	0	0	0	0	06:48:44	0	0	0	0	0	0	0	0	0	0	06:48:47	0	0	0	0	0	0	0	0	0	0	06:49:02	00:01:10
0	0	0	0	0	0	0	0	0	06:53:32	0	0	0	0	0	0	0	0	0	0	06:53:35	0	0	0	0	0	0	0	0	0	0	06:53:52	00:01:10
0	0	0	0	0	0	0	0	0	06:59:36	0	0	0	0	0	0	0	0	0	0	06:59:39	0	0	0	0	0	0	0	0	0	0	06:59:54	00:01:14

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:30	0	0	0	0	0	0	0	0	0	0	06:03:32	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:10:45	0	0	0	0	0	0	0	0	0	0	06:10:47	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:19:17	0	0	0	0	0	0	0	0	0	0	06:19:19	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:26:13	0	0	0	0	0	0	0	0	0	0	06:26:15	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:32:25	0	0	0	0	0	0	0	0	0	0	06:32:27	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:40:59	0	0	0	0	0	0	0	0	0	0	06:41:01	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:43:05	0	0	0	0	0	0	0	0	0	0	06:43:07	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
8	06:47:49	0	0	0	0	0	0	0	0	0	0	06:47:51	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
9	06:53:49	0	0	0	0	0	0	0	0	0	0	06:53:51	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:58:37	0	0	0	0	0	0	0	0	0	0	06:58:39	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:29	08:00:31	08:01:19	08:01:22	08:01:37	00:00:48	00:01:06	22	88
	2	08:00:31	08:05:33	08:05:55	08:05:58	08:06:39	00:00:22	00:01:06		
	3	08:07:47	08:07:49	08:08:15	08:08:18	08:08:59	00:00:26	00:01:10		
	4	08:09:52	08:09:54	08:10:43	08:10:46	08:11:27	00:00:49	00:01:33		
	5	08:13:20	08:13:22	08:14:05	08:14:08	08:14:23	00:00:43	00:01:01		
08:15 - 08:30	6	08:15:55	08:15:57	08:16:19	08:16:22	08:17:03	00:00:22	00:01:06	13	52
	7	08:18:57	08:18:59	08:19:57	08:20:00	08:20:15	00:00:58	00:01:16		
	8	08:24:07	08:24:09	08:24:31	08:24:34	08:25:15	00:00:22	00:01:06		
	9	08:27:20	08:27:22	08:28:11	08:28:14	08:28:55	00:00:49	00:01:33		
	10	08:28:55	08:28:57	08:29:23	08:29:26	08:30:07	00:00:26	00:01:10		
08:30 - 08:45	11	08:31:19	08:31:21	08:31:47	08:31:50	08:32:31	00:00:26	00:01:10	20	80
	12	08:34:55	08:34:57	08:35:23	08:35:26	08:36:07	00:00:26	00:01:10		
	13	08:36:56	08:36:58	08:37:47	08:37:50	08:38:31	00:00:49	00:01:33		
	14	08:39:17	08:39:19	08:40:15	08:40:18	08:40:59	00:00:56	00:01:40		
	15	08:43:19	08:43:21	08:43:47	08:43:50	08:44:31	00:00:26	00:01:10		
08:45 - 09:00	16	08:47:47	08:47:49	08:48:35	08:48:38	08:49:19	00:00:46	00:01:30	25	100
	17	08:49:19	08:49:21	08:49:46	08:49:49	08:50:27	00:00:25	00:01:06		
	18	08:51:21	08:51:23	08:52:19	08:52:22	08:52:36	00:00:56	00:01:13		
	19	08:54:03	08:54:05	08:54:31	08:54:34	08:55:15	00:00:26	00:01:10		
	20	08:57:27	08:57:29	08:58:15	08:58:18	08:58:59	00:00:46	00:01:30		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:26	17:01:28	17:02:28	17:02:31	17:02:44	00:01:00	00:01:16	31	124
	2	17:05:24	17:05:26	17:06:00	17:06:03	17:06:44	00:00:34	00:01:18		
	3	17:06:44	17:06:46	17:07:20	17:07:23	17:08:04	00:00:34	00:01:18		
	4	17:09:47	17:09:49	17:10:48	17:10:51	17:11:32	00:00:59	00:01:43		
	5	17:12:07	17:12:09	17:12:58	17:13:01	17:13:44	00:00:49	00:01:35		
17:15 - 17:30	6	17:16:55	17:16:57	17:17:50	17:17:53	17:18:36	00:00:53	00:01:39	27	108
	7	17:21:39	17:21:41	17:22:34	17:22:37	17:23:51	00:00:53	00:01:10		
	8	17:22:51	17:22:53	17:23:42	17:23:45	17:23:59	00:00:49	00:01:06		
	9	17:26:19	17:26:21	17:27:14	17:27:17	17:27:31	00:00:53	00:01:10		
	10	17:27:31	17:27:33	17:28:34	17:28:37	17:29:18	00:01:01	00:01:45		
17:30 - 17:45	11	17:30:33	17:30:35	17:31:04	17:31:07	17:31:36	00:00:29	00:01:03	29	116
	12	17:32:22	17:32:24	17:33:18	17:33:21	17:33:55	00:00:54	00:01:11		
	13	17:35:59	17:36:01	17:37:00	17:37:03	17:37:16	00:00:59	00:01:15		
	14	17:38:23	17:38:25	17:39:20	17:39:23	17:39:37	00:00:55	00:01:12		
	15	17:41:12	17:41:14	17:41:42	17:41:45	17:42:28	00:00:28	00:01:14		
17:45 - 18:00	16	17:47:16	17:47:18	17:47:42	17:47:45	17:48:28	00:00:24	00:01:10	33	132
	17	17:49:40	17:49:42	17:50:07	17:50:10	17:50:53	00:00:25	00:01:11		
	18	17:52:48	17:52:50	17:53:52	17:53:55	17:54:36	00:01:02	00:01:46		
	19	17:55:36	17:55:38	17:56:06	17:56:09	17:56:52	00:00:28	00:01:14		
	20	17:58:35	17:58:37	17:59:30	17:59:33	17:59:47	00:00:53	00:01:10		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	22	88	00:01:11	00:00:38	0	0.00%	
08:15 - 08:30	13	52	00:01:14	00:00:35	0	0.00%	
08:30 - 08:45	20	80	00:01:21	00:00:37	0	0.00%	Average
08:45 - 09:00	25	100	00:01:18	00:00:40	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	31	124	00:01:26	00:00:47	0	0.00%	
17:15 - 17:30	27	108	00:01:22	00:00:54	0	0.00%	
17:30 - 17:45	29	116	00:01:11	00:00:45	0	0.00%	Average
17:45 - 18:00	33	132	00:01:18	00:00:38	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:39	0	0	0	0	0	0	0	0	0	0	06:05:42	0	0	0	0	0	0	0	0	0	0	06:05:57	00:02:25
0	0	0	0	0	0	0	0	0	06:11:43	0	0	0	0	0	0	0	0	0	0	06:11:46	0	0	0	0	0	0	0	0	0	0	06:12:01	00:01:14
0	0	0	0	0	0	0	0	0	06:20:07	0	0	0	0	0	0	0	0	0	0	06:20:10	0	0	0	0	0	0	0	0	0	0	06:20:25	00:01:06
0	0	0	0	0	0	0	0	0	06:27:11	0	0	0	0	0	0	0	0	0	0	06:27:14	0	0	0	0	0	0	0	0	0	0	06:27:29	00:01:14
0	0	0	0	0	0	0	0	0	06:33:19	0	0	0	0	0	0	0	0	0	0	06:33:22	0	0	0	0	0	0	0	0	0	0	06:33:37	00:01:10
0	0	0	0	0	0	0	0	0	06:41:31	0	0	0	0	0	0	0	0	0	0	06:41:34	0	0	0	0	0	0	0	0	0	0	06:41:49	00:00:48
0	0	0	0	0	0	0	0	0	06:48:19	0	0	0	0	0	0	0	0	0	0	06:48:22	0	0	0	0	0	0	0	0	0	0	06:44:50	00:01:43
0	0	0	0	0	0	0	0	0	06:48:43	0	0	0	0	0	0	0	0	0	0	06:48:46	0	0	0	0	0	0	0	0	0	0	06:49:01	00:01:10
0	0	0	0	0	0	0	0	0	06:54:43	0	0	0	0	0	0	0	0	0	0	06:54:46	0	0	0	0	0	0	0	0	0	0	06:55:01	00:01:10
0	0	0	0	0	0	0	0	0	06:59:35	0	0	0	0	0	0	0	0	0	0	06:59:38	0	0	0	0	0	0	0	0	0	0	06:59:53	00:01:14

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:39	0	0	0	0	0	0	0	0	0	0	06:03:32	3	1	1	1	0	1	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
2	06:10:45	0	0	0	0	0	0	0	0	0	0	06:10:47	1	0	0	1	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:19:17	0	0	0	0	0	0	0	0	0	0	06:19:19	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:26:13	0	0	0	0	0	0	0	0	0	0	06:26:15	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:32:25	0	0	0	0	0	0	0	0	0	0	06:32:27	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:40:59	0	0	0	0	0	0	0	0	0	0	06:41:01	1	0	2	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
7	06:43:05	0	0	0	0	0	0	0	0	0	0	06:43:07	2	0	2	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:47:49	0	0	0	0	0	0	0	0	0	0	06:47:51	3	0	1	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
9	06:53:49	0	0	0	0	0	0	0	0	0	0	06:53:51	5	0	2	1	0	0	0	1	0	9		0	0	0	0	0	0	0	0	0	0		0
10	06:58:37	0	0	0	0	0	0	0	0	0	0	06:58:39	1	1	0	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:29	08:00:31	08:01:19	08:01:22	08:01:37	00:00:48	00:01:06	73	292
	2	08:05:31	08:05:33	08:05:55	08:05:58	08:06:39	00:00:22	00:01:06		
	3	08:07:47	08:07:49	08:08:15	08:08:18	08:08:59	00:00:26	00:01:10		
	4	08:09:52	08:09:54	08:10:43	08:10:46	08:11:27	00:00:49	00:01:33		
	5	08:13:30	08:13:32	08:14:05	08:14:08	08:14:23	00:00:33	00:01:01		
08:15 - 08:30	6	08:15:55	08:15:57	08:16:19	08:16:22	08:17:03	00:00:22	00:01:06	69	276
	7	08:18:57	08:18:59	08:19:57	08:20:00	08:20:15	00:00:58	00:01:16		
	8	08:24:07	08:24:09	08:24:31	08:24:34	08:25:15	00:00:22	00:01:06		
	9	08:27:20	08:27:22	08:28:11	08:28:14	08:28:55	00:00:49	00:01:33		
	10	08:28:55	08:28:57	08:29:23	08:29:26	08:30:07	00:00:26	00:01:10		
08:30 - 08:45	11	08:31:19	08:31:21	08:31:47	08:31:50	08:32:31	00:00:26	00:01:10	80	320
	12	08:34:55	08:34:57	08:35:23	08:35:26	08:36:07	00:00:26	00:01:10		
	13	08:36:56	08:36:58	08:37:47	08:37:50	08:38:31	00:00:49	00:01:33		
	14	08:39:17	08:39:19	08:40:15	08:40:18	08:40:59	00:00:56	00:01:40		
	15	08:43:19	08:43:21	08:43:47	08:43:50	08:44:31	00:00:26	00:01:10		
08:45 - 09:00	16	08:47:47	08:47:49	08:48:35	08:48:38	08:49:19	00:00:46	00:01:30	74	296
	17	08:49:19	08:49:21	08:49:46	08:49:49	08:50:27	00:00:25	00:01:06		
	18	08:51:21	08:51:23	08:52:19	08:52:22	08:52:36	00:00:56	00:01:13		
	19	08:54:03	08:54:05	08:54:31	08:54:34	08:55:15	00:00:26	00:01:10		
	20	08:57:27	08:57:29	08:58:15	08:58:18	08:58:59	00:00:46	00:01:30		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:26	17:01:28	17:02:28	17:02:31	17:02:44	00:01:00	00:01:16	114	456
	2	17:05:24	17:05:26	17:06:00	17:06:03	17:06:44	00:00:34	00:01:18		
	3	17:06:44	17:06:46	17:07:20	17:07:23	17:08:04	00:00:34	00:01:18		
	4	17:09:47	17:09:49	17:10:48	17:10:51	17:11:32	00:00:59	00:01:43		
	5	17:12:07	17:12:09	17:12:58	17:13:01	17:13:42	00:00:49	00:01:35		
17:15 - 17:30	6	17:16:55	17:16:57	17:17:50	17:17:53	17:18:36	00:00:53	00:01:39	110	440
	7	17:21:19	17:21:41	17:22:34	17:22:37	17:22:51	00:00:53	00:01:03		
	8	17:22:51	17:22:53	17:23:42	17:23:45	17:23:59	00:00:49	00:01:06		
	9	17:26:18	17:26:21	17:27:14	17:27:17	17:27:31	00:00:53	00:01:10		
	10	17:27:31	17:27:33	17:28:34	17:28:37	17:29:18	00:01:01	00:01:45		
17:30 - 17:45	11	17:30:33	17:30:35	17:31:04	17:31:07	17:31:36	00:00:29	00:01:03	126	504
	12	17:32:22	17:32:24	17:33:18	17:33:21	17:33:35	00:00:54	00:01:13		
	13	17:35:59	17:36:01	17:37:00	17:37:03	17:37:16	00:00:59	00:01:15		
	14	17:38:23	17:38:25	17:39:20	17:39:23	17:39:37	00:00:55	00:01:12		
	15	17:41:12	17:41:14	17:41:42	17:41:45	17:42:28	00:00:28	00:01:14		
17:45 - 18:00	16	17:47:16	17:47:18	17:47:42	17:47:45	17:48:28	00:00:24	00:01:10	120	480
	17	17:49:40	17:49:42	17:50:07	17:50:10	17:50:53	00:00:25	00:01:11		
	18	17:52:48	17:52:50	17:53:52	17:53:55	17:54:36	00:01:02	00:01:46		
	19	17:55:36	17:55:38	17:56:06	17:56:09	17:56:52	00:00:28	00:01:14		
	20	17:58:35	17:58:37	17:59:30	17:59:33	17:59:47	00:00:53	00:01:10		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	73	292	00:01:11	00:00:38	0	0.00%	
08:15 - 08:30	69	276	00:01:14	00:00:35	0	0.00%	
08:30 - 08:45	80	320	00:01:21	00:00:37	0	0.00%	Average
08:45 - 09:00	74	296	00:01:18	00:00:40	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	114	456	00:01:26	00:00:47	0	0.00%	
17:15 - 17:30	110	440	00:01:22	00:00:54	0	0.00%	
17:30 - 17:45	126	504	00:01:11	00:00:45	0	0.00%	Average
17:45 - 18:00	120	480	00:01:18	00:00:38	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:39	0	0	0	0	0	0	0	0	0	0	06:05:42	0	0	0	0	0	0	0	0	0	0	06:05:57	00:02:25
0	0	0	0	0	0	0	0	0	06:11:43	0	0	1	0	0	0	0	0	0	1	06:11:46	0	0	0	0	0	0	0	0	0	0	06:12:01	00:01:14
0	0	0	0	0	0	0	0	0	06:20:07	0	0	0	0	0	0	0	0	0	0	06:20:10	0	0	0	0	0	0	0	0	0	0	06:20:25	00:01:06
0	0	0	0	0	0	0	0	0	06:27:11	0	0	0	0	0	0	0	0	0	0	06:27:14	0	0	0	0	0	0	0	0	0	0	06:27:29	00:01:14
0	0	0	0	0	0	0	0	0	06:33:19	0	0	0	0	0	0	0	0	0	0	06:33:22	0	0	0	0	0	0	0	0	0	0	06:33:37	00:01:10
0	0	0	0	0	0	0	0	0	06:41:31	0	0	1	0	0	0	0	0	0	1	06:41:34	0	0	0	0	0	0	0	0	0	0	06:41:49	00:00:48
0	0	0	0	0	0	0	0	0	06:46:19	0	0	0	0	0	0	0	0	0	0	06:46:22	0	0	0	0	0	0	0	0	0	0	06:46:50	00:01:43
0	0	0	0	0	0	0	0	0	06:48:43	0	0	0	1	0	0	0	0	0	2	06:48:46	0	0	0	0	0	0	0	0	0	0	06:49:01	00:01:10
0	0	0	0	0	0	0	0	0	06:54:43	0	0	0	0	0	0	0	0	0	0	06:54:46	0	0	0	0	0	0	0	0	0	0	06:55:01	00:01:10
0	0	0	0	0	0	0	0	0	06:59:35	1	0	0	0	0	0	0	0	0	1	06:59:38	0	0	0	0	0	0	0	0	0	0	06:59:53	00:01:14

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 10
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:30	0	0	0	0	0	0	0	0	0	0	06:03:32	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:10:45	0	0	0	0	0	0	0	0	0	0	06:10:47	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
3	06:19:17	0	0	0	0	0	0	0	0	0	0	06:19:19	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:26:13	0	0	0	0	0	0	0	0	0	0	06:26:15	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:32:25	0	0	0	0	0	0	0	0	0	0	06:32:27	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:40:59	0	0	0	0	0	0	0	0	0	0	06:41:01	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:43:05	0	0	0	0	0	0	0	0	0	0	06:43:07	2	1	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:47:49	0	0	0	0	0	0	0	0	0	0	06:47:51	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:53:49	0	0	0	0	0	0	0	0	0	0	06:53:51	2	0	0	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:58:37	0	0	0	0	0	0	0	0	0	0	06:58:39	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:29	08:00:31	08:01:19	08:01:22	08:01:37	00:00:48	00:01:06	26	104
	2	08:05:31	08:05:33	08:05:55	08:05:58	08:06:39	00:00:22	00:01:06		
	3	08:07:47	08:07:49	08:08:15	08:08:18	08:08:59	00:00:26	00:01:10		
	4	08:09:52	08:09:54	08:10:43	08:10:46	08:11:27	00:00:49	00:01:33		
	5	08:13:30	08:13:32	08:14:05	08:14:08	08:14:23	00:00:33	00:01:01		
08:15 - 08:30	6	08:15:55	08:15:57	08:16:19	08:16:22	08:17:03	00:00:22	00:01:06	24	96
	7	08:18:57	08:18:59	08:19:57	08:20:00	08:20:15	00:00:58	00:01:16		
	8	08:24:07	08:24:09	08:24:31	08:24:34	08:25:15	00:00:22	00:01:06		
	9	08:27:20	08:27:22	08:28:11	08:28:14	08:28:55	00:00:49	00:01:33		
	10	08:28:55	08:28:57	08:29:23	08:29:26	08:30:07	00:00:26	00:01:10		
08:30 - 08:45	11	08:31:19	08:31:21	08:31:47	08:31:50	08:32:31	00:00:26	00:01:10	31	124
	12	08:34:55	08:34:57	08:35:23	08:35:26	08:36:07	00:00:26	00:01:10		
	13	08:36:56	08:36:58	08:37:47	08:37:50	08:38:31	00:00:49	00:01:33		
	14	08:39:17	08:39:19	08:40:15	08:40:18	08:40:59	00:00:56	00:01:40		
	15	08:43:19	08:43:21	08:43:47	08:43:50	08:44:31	00:00:26	00:01:10		
08:45 - 09:00	16	08:47:47	08:47:49	08:48:35	08:48:38	08:49:19	00:00:46	00:01:30	36	144
	17	08:49:19	08:49:21	08:49:46	08:49:49	08:50:27	00:00:25	00:01:06		
	18	08:52:21	08:52:21	08:52:19	08:52:22	08:52:36	00:00:56	00:01:13		
	19	08:54:03	08:54:05	08:54:31	08:54:34	08:55:15	00:00:26	00:01:10		
	20	08:57:27	08:57:29	08:58:15	08:58:18	08:58:59	00:00:46	00:01:30		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:26	17:01:28	17:02:28	17:02:31	17:02:44	00:01:00	00:01:16	86	344
	2	17:05:24	17:05:26	17:06:00	17:06:03	17:06:44	00:00:34	00:01:18		
	3	17:06:44	17:06:46	17:07:20	17:07:23	17:08:04	00:00:34	00:01:18		
	4	17:09:47	17:09:49	17:10:48	17:10:51	17:11:32	00:00:59	00:01:43		
	5	17:12:07	17:12:09	17:12:58	17:13:01	17:13:42	00:00:49	00:01:35		
17:15 - 17:30	6	17:16:55	17:16:57	17:17:50	17:17:53	17:18:36	00:00:53	00:01:39	87	348
	7	17:21:19	17:21:41	17:22:34	17:22:37	17:22:51	00:00:53	00:01:03		
	8	17:22:51	17:22:53	17:23:42	17:23:45	17:23:59	00:00:49	00:01:06		
	9	17:26:18	17:26:21	17:27:14	17:27:17	17:27:31	00:00:53	00:01:10		
	10	17:27:31	17:27:33	17:28:34	17:28:37	17:29:18	00:01:01	00:01:45		
17:30 - 17:45	11	17:30:33	17:30:35	17:31:04	17:31:07	17:31:36	00:00:29	00:01:03	75	300
	12	17:32:22	17:32:24	17:33:18	17:33:21	17:33:35	00:00:54	00:01:13		
	13	17:35:59	17:36:01	17:37:00	17:37:03	17:37:16	00:00:59	00:01:15		
	14	17:38:23	17:38:25	17:39:20	17:39:23	17:39:37	00:00:55	00:01:12		
	15	17:41:12	17:41:14	17:41:42	17:41:45	17:42:28	00:00:28	00:01:14		
17:45 - 18:00	16	17:47:16	17:47:18	17:47:42	17:47:45	17:48:28	00:00:24	00:01:10	84	336
	17	17:49:40	17:49:42	17:50:07	17:50:10	17:50:53	00:00:25	00:01:11		
	18	17:52:48	17:52:50	17:53:52	17:53:55	17:54:36	00:01:02	00:01:46		
	19	17:55:36	17:55:38	17:56:06	17:56:09	17:56:52	00:00:28	00:01:14		
	20	17:58:35	17:58:37	17:59:30	17:59:33	17:59:47	00:00:53	00:01:10		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	26	104	00:01:11	00:00:38	0	0.00%	
08:15 - 08:30	24	96	00:01:14	00:00:35	0	0.00%	
08:30 - 08:45	31	124	00:01:21	00:00:37	0	0.00%	Average
08:45 - 09:00	36	144	00:01:18	00:00:40	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	86	344	00:01:26	00:00:47	0	0.00%	
17:15 - 17:30	87	348	00:01:22	00:00:54	0	0.00%	
17:30 - 17:45	75	300	00:01:11	00:00:45	0	0.00%	Average
17:45 - 18:00	84	336	00:01:18	00:00:38	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:39	0	0	0	0	0	0	0	0	0	0	06:05:42	0	0	0	0	0	0	0	0	0	0	06:05:57	00:02:25
0	0	0	0	0	0	0	0	0	06:11:43	0	0	0	0	0	0	0	0	0	0	06:11:46	0	0	0	0	0	0	0	0	0	0	06:12:01	00:01:14
0	0	0	0	0	0	0	0	0	06:20:07	0	0	0	0	0	0	0	0	0	0	06:20:10	0	0	0	0	0	0	0	0	0	0	06:20:25	00:01:06
0	0	0	0	0	0	0	0	0	06:27:11	0	0	0	0	0	0	0	0	0	0	06:27:14	0	0	0	0	0	0	0	0	0	0	06:27:29	00:01:14
0	0	0	0	0	0	0	0	0	06:33:19	1	0	0	0	0	0	0	0	0	1	06:33:22	0	0	0	0	0	0	0	0	0	0	06:33:37	00:01:10
0	0	0	0	0	0	0	0	0	06:41:31	1	0	0	0	0	0	0	0	0	1	06:41:34	0	0	0	0	0	0	0	0	0	0	06:41:49	00:00:48
0	0	0	0	0	0	0	0	0	06:46:19	0	0	0	0	0	0	0	0	0	0	06:46:22	0	0	0	0	0	0	0	0	0	0	06:46:50	00:01:43
0	0	0	0	0	0	0	0	0	06:48:43	0	0	0	0	0	0	0	0	0	0	06:48:46	0	0	0	0	0	0	0	0	0	0	06:49:01	00:01:10
0	0	0	0	0	0	0	0	0	06:54:43	0	0	0	0	0	0	0	0	0	0	06:54:46	0	0	0	0	0	0	0	0	0	0	06:55:01	00:01:10
0	0	0	0	0	0	0	0	0	06:59:35	0	0	0	0	0	0	0	0	0	0	06:59:38	0	0	0	0	0	0	0	0	0	0	06:59:53	00:01:14

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 11
Date of Survey: 12.06.2014
Junction Name: Hampstead Road / Cardington Street
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.529051	-0.138629	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 11
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:13:45	0	0	0	0	0	0	0	0	0	0	06:13:47	0	0	2	0	0	2	0	0	1	6		0	0	0	0	0	0	0	0	0	0		0
2	06:20:14	0	0	0	0	0	0	0	0	0	0	06:20:16	3	0	1	0	0	0	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
3	06:24:01	0	0	0	0	0	0	0	0	0	0	06:24:03	1	0	1	0	0	1	0	0	2	4		0	0	0	0	0	0	0	0	0	0		0
4	06:27:43	0	0	0	0	0	0	0	0	0	0	06:27:45	3	0	1	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:31:16	0	0	0	0	0	0	0	0	0	0	06:31:18	0	0	0	0	0	1	0	1	1	3		0	0	0	0	0	0	0	0	0	0		0
6	06:34:48	0	0	0	0	0	0	0	0	0	0	06:34:50	4	0	0	0	0	1	0	1	3	7		0	0	0	0	0	0	0	0	0	0		0
7	06:42:22	0	0	0	0	0	0	0	0	0	0	06:42:24	2	0	1	0	0	0	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
8	06:45:49	0	0	0	0	0	0	0	0	0	0	06:45:51	4	0	0	0	0	2	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
9	06:54:15	0	0	0	0	0	0	0	0	0	0	06:54:17	1	2	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:57:45	0	0	0	0	0	0	0	1	0	0	06:57:47	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:02	08:01:04	08:01:55	08:01:58	08:02:12	00:00:51	00:01:08	104	416
	2	08:05:49	08:05:51	08:06:39	08:06:42	08:06:56	00:00:48	00:01:05		
	3	08:06:56	08:06:58	08:07:51	08:07:54	08:08:08	00:00:53	00:01:10		
	4	08:08:08	08:08:10	08:08:59	08:09:02	08:09:20	00:00:49	00:01:10		
	5	08:12:51	08:12:53	08:13:43	08:13:46	08:14:00	00:00:50	00:01:07		
	6	08:15:16	08:15:18	08:16:10	08:16:13	08:16:33	00:00:52	00:01:15		
08:15 - 08:30	7	08:19:52	08:19:54	08:20:47	08:20:50	08:21:05	00:00:53	00:01:11	106	424
	8	08:21:05	08:21:07	08:21:56	08:21:59	08:22:13	00:00:49	00:01:06		
	9	08:23:25	08:23:27	08:24:24	08:24:27	08:24:45	00:00:57	00:01:18		
	10	08:25:54	08:25:56	08:26:40	08:26:43	08:26:58	00:00:44	00:01:02		
08:30 - 08:45	11	08:31:40	08:31:42	08:32:31	08:32:34	08:32:47	00:00:49	00:01:05	101	404
	12	08:35:15	08:35:17	08:36:12	08:36:15	08:36:29	00:00:55	00:01:12		
	13	08:38:45	08:38:47	08:39:36	08:39:39	08:39:52	00:00:49	00:01:05		
	14	08:39:52	08:39:54	08:40:43	08:40:46	08:41:00	00:00:49	00:01:15		
	15	08:42:25	08:42:27	08:43:19	08:43:22	08:43:39	00:00:52	00:01:13		
08:45 - 09:00	16	08:46:02	08:46:04	08:47:03	08:47:06	08:47:21	00:00:59	00:01:17	106	424
	17	08:48:28	08:48:30	08:49:22	08:49:25	08:49:39	00:00:52	00:01:09		
	18	08:50:48	08:50:50	08:51:43	08:51:46	08:52:00	00:00:53	00:01:10		
	19	08:52:00	08:52:02	08:52:54	08:52:57	08:53:12	00:00:52	00:01:10		
	20	08:53:12	08:53:14	08:54:08	08:54:11	08:54:25	00:00:54	00:01:11		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:07	17:02:09	17:02:58	17:03:01	17:03:16	00:00:49	00:01:07	85	340
	2	17:05:47	17:05:49	17:06:38	17:06:41	17:06:59	00:00:49	00:01:10		
	3	17:08:15	17:08:17	17:09:02	17:09:05	17:09:23	00:00:45	00:01:06		
	4	17:11:51	17:11:53	17:12:38	17:12:41	17:12:58	00:00:45	00:01:05		
	5	17:12:58	17:13:00	17:13:50	17:13:53	17:14:11	00:00:50	00:01:13		
	6	17:15:18	17:15:20	17:16:06	17:16:09	17:16:27	00:00:46	00:01:07		
17:15 - 17:30	7	17:17:43	17:17:45	17:18:35	17:18:38	17:18:52	00:00:50	00:01:07	78	312
	8	17:21:19	17:21:21	17:22:14	17:22:17	17:22:31	00:00:53	00:01:10		
	9	17:23:47	17:23:49	17:24:41	17:24:44	17:24:59	00:00:52	00:01:10		
	10	17:26:15	17:26:17	17:27:06	17:27:09	17:27:26	00:00:49	00:01:09		
17:30 - 17:45	11	17:30:48	17:30:50	17:31:43	17:31:46	17:32:03	00:00:53	00:01:13	76	304
	12	17:34:20	17:34:22	17:35:11	17:35:14	17:35:28	00:00:49	00:01:06		
	13	17:38:01	17:38:03	17:38:56	17:38:59	17:39:17	00:00:53	00:01:14		
	14	17:40:33	17:40:35	17:41:28	17:41:31	17:41:45	00:00:53	00:01:12		
	15	17:42:54	17:42:56	17:43:40	17:43:43	17:44:00	00:00:44	00:01:04		
17:45 - 18:00	16	17:45:10	17:45:12	17:46:01	17:46:04	17:46:21	00:00:49	00:01:09	84	336
	17	17:48:47	17:48:49	17:49:37	17:49:40	17:49:55	00:00:48	00:01:06		
	18	17:51:13	17:51:15	17:52:04	17:52:07	17:52:22	00:00:49	00:01:07		
	19	17:53:30	17:53:32	17:54:21	17:54:24	17:54:40	00:00:49	00:01:08		
	20	17:55:54	17:55:56	17:56:45	17:56:48	17:57:05	00:00:49	00:01:09		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	104	416	00:01:08	00:00:50	0	0.00%	
08:15 - 08:30	106	424	00:01:10	00:00:51	0	0.00%	
08:30 - 08:45	101	404	00:01:10	00:00:51	0	0.00%	Average
08:45 - 09:00	106	424	00:01:11	00:00:54	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	85	340	00:01:08	00:00:48	0	0.00%	
17:15 - 17:30	78	312	00:01:09	00:00:50	0	0.00%	
17:30 - 17:45	76	304	00:01:09	00:00:50	0	0.00%	Average
17:45 - 18:00	84	336	00:01:08	00:00:49	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:14:32	0	0	0	0	0	0	0	0	0	0	06:14:35	0	0	0	0	0	0	0	0	0	0	06:14:49	00:01:02
0	0	0	0	0	0	0	0	0	06:22:43	0	0	0	0	0	0	0	0	0	0	06:22:43	0	0	0	0	0	0	0	0	0	0	06:23:01	00:02:45
0	0	0	0	0	0	0	0	0	06:25:05	0	0	0	0	0	0	0	0	0	0	06:25:08	0	0	0	0	0	0	0	0	0	0	06:25:22	00:01:19
0	0	0	0	0	0	0	0	0	06:29:38	0	0	0	0	0	0	0	0	0	0	06:29:41	0	0	0	0	0	0	0	0	0	0	06:29:59	00:02:14
0	0	0	0	0	0	0	0	0	06:32:08	0	0	0	0	0	0	0	0	0	0	06:32:11	0	0	0	0	0	0	0	0	1	0	06:32:25	00:01:07
0	0	0	0	0	0	0	0	0	06:35:48	0	0	0	0	0	1	0	0	0	2	06:35:51	0	0	0	0	0	0	0	0	0	0	06:36:05	00:01:15
0	0	0	0	0	0	0	0	0	06:43:06	0	0	0	0	0	0	0	0	0	0	06:43:09	0	0	0	0	0	0	0	0	2	0	06:43:31	00:01:07
0	0	0	0	0	0	0	0	0	06:46:50	0	0	0	0	0	0	0	0	0	0	06:46:53	0	0	0	0	0	0	0	0	0	0	06:47:07	00:01:16
0	0	0	0	0	0	0	0	0	06:55:03	0	0	0	0	0	0	0	0	0	0	06:55:06	0	0	0	0	0	0	0	0	0	0	06:55:20	00:01:03
0	0	0	0	0	0	0	0	0	06:58:36	0	0	0	0	0	0	0	0	0	0	06:58:39	0	0	0	0	0	0	0	0	0	0	06:58:53	00:01:06

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 11
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:25:22	0	0	0	0	0	0	0	0	0	0	06:25:24	2	0	0	0	0	0	0	0	0	2	06:25:29	6	0	1	0	0	0	0	0	0	7	06:25:39	2
2	06:36:05	0	0	0	0	0	0	0	0	0	0	06:36:07	1	0	1	0	0	0	0	0	0	2	06:36:12	5	0	3	0	0	0	0	0	0	8	06:36:34	8
3	06:39:46	0	0	0	0	0	0	0	0	0	0	06:39:48	1	0	0	0	1	0	0	0	0	2	06:39:57	7	0	4	1	0	0	0	1	0	13	06:40:25	11
4	06:42:22	0	0	0	0	0	0	0	0	0	0	06:42:24	1	0	0	0	1	0	0	0	0	2	06:42:32	3	0	2	1	0	0	0	0	0	7	06:42:41	4
5	06:47:07	0	0	0	0	0	0	0	0	0	0	06:47:09	1	0	1	0	0	0	0	0	0	2	06:47:14	7	0	3	0	0	0	0	0	0	10	06:47:33	5
6	06:48:19	0	0	0	0	0	0	0	0	0	0	06:48:21	1	0	1	0	0	0	0	0	0	2	06:48:26	5	0	6	0	0	0	0	0	0	11	06:48:49	3
7	06:51:55	0	0	0	0	0	0	0	0	0	0	06:51:57	2	0	0	0	0	0	0	0	0	2	06:52:03	6	0	3	0	0	0	0	1	0	9	06:52:22	8
8	06:54:15	0	0	0	0	0	0	0	0	0	0	06:54:17	1	0	1	0	0	0	0	0	0	2	06:54:25	5	0	1	0	0	0	0	0	0	6	06:54:37	2
9	06:55:20	0	0	0	0	0	0	0	0	0	0	06:55:22	1	0	0	0	1	0	0	0	0	2	06:55:26	7	0	5	1	0	0	0	1	0	14	06:55:55	2
10	06:56:40	0	0	0	0	0	0	0	0	0	0	06:56:42	1	0	1	0	0	0	0	0	0	2	06:56:48	5	0	3	0	0	0	0	3	0	9	06:57:06	3

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:02	08:01:04	08:01:55	08:01:58	08:02:12	00:00:51	00:01:08	235	940
	2	08:05:49	08:05:51	08:06:39	08:06:42	08:06:56	00:00:48	00:01:05		
	3	08:06:56	08:06:58	08:07:51	08:07:54	08:08:08	00:00:53	00:01:10		
	4	08:08:08	08:08:10	08:08:59	08:09:02	08:09:20	00:00:49	00:01:10		
	5	08:12:51	08:12:53	08:13:43	08:13:46	08:14:00	00:00:50	00:01:07		
08:15 - 08:30	6	08:15:16	08:15:18	08:16:10	08:16:13	08:16:33	00:00:52	00:01:15	214	856
	7	08:19:52	08:19:54	08:20:47	08:20:50	08:21:05	00:00:53	00:01:11		
	8	08:21:05	08:21:07	08:21:56	08:21:59	08:22:13	00:00:49	00:01:08		
	9	08:23:25	08:23:27	08:24:24	08:24:27	08:24:45	00:00:57	00:01:18		
	10	08:25:54	08:25:56	08:26:40	08:26:43	08:26:58	00:00:44	00:01:02		
08:30 - 08:45	11	08:31:40	08:31:42	08:32:31	08:32:34	08:32:47	00:00:49	00:01:05	192	768
	12	08:35:15	08:35:17	08:36:12	08:36:15	08:36:29	00:00:55	00:01:12		
	13	08:38:45	08:38:47	08:39:36	08:39:39	08:39:52	00:00:49	00:01:05		
	14	08:39:52	08:39:54	08:40:43	08:40:46	08:41:00	00:00:49	00:01:15		
	15	08:42:25	08:42:27	08:43:19	08:43:22	08:43:39	00:00:52	00:01:12		
08:45 - 09:00	16	08:46:02	08:46:04	08:47:03	08:47:06	08:47:21	00:00:59	00:01:17	216	864
	17	08:48:28	08:48:30	08:49:22	08:49:25	08:49:39	00:00:52	00:01:09		
	18	08:50:48	08:50:50	08:51:43	08:51:46	08:52:00	00:00:53	00:01:10		
	19	08:52:00	08:52:02	08:52:54	08:52:57	08:53:12	00:00:52	00:01:10		
	20	08:53:12	08:53:14	08:54:08	08:54:11	08:54:25	00:00:54	00:01:11		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:07	17:02:09	17:02:58	17:03:01	17:03:16	00:00:49	00:01:07	151	604
	2	17:05:47	17:05:49	17:06:38	17:06:41	17:06:59	00:00:49	00:01:10		
	3	17:08:15	17:08:17	17:09:02	17:09:05	17:09:23	00:00:45	00:01:06		
	4	17:11:51	17:11:53	17:12:38	17:12:41	17:12:58	00:00:45	00:01:05		
	5	17:13:58	17:13:00	17:13:50	17:13:53	17:14:11	00:00:50	00:01:13		
17:15 - 17:30	6	17:15:18	17:15:20	17:16:06	17:16:09	17:16:27	00:00:46	00:01:07	138	552
	7	17:17:43	17:17:45	17:18:35	17:18:38	17:18:52	00:00:50	00:01:07		
	8	17:21:19	17:21:21	17:22:14	17:22:17	17:22:31	00:00:53	00:01:10		
	9	17:23:42	17:23:44	17:24:41	17:24:44	17:25:00	00:00:57	00:01:18		
	10	17:26:15	17:26:17	17:27:06	17:27:09	17:27:26	00:00:49	00:01:09		
17:30 - 17:45	11	17:30:48	17:30:50	17:31:43	17:31:46	17:32:03	00:00:53	00:01:13	145	580
	12	17:34:20	17:34:22	17:35:11	17:35:14	17:35:28	00:00:49	00:01:06		
	13	17:38:01	17:38:03	17:38:56	17:38:59	17:39:17	00:00:53	00:01:14		
	14	17:40:33	17:40:35	17:41:28	17:41:31	17:41:45	00:00:53	00:01:10		
	15	17:42:54	17:42:56	17:43:40	17:43:43	17:44:00	00:00:44	00:01:04		
17:45 - 18:00	16	17:45:10	17:45:12	17:46:01	17:46:04	17:46:21	00:00:49	00:01:09	155	620
	17	17:48:47	17:48:49	17:49:37	17:49:40	17:49:55	00:00:48	00:01:06		
	18	17:51:13	17:51:15	17:52:04	17:52:07	17:52:22	00:00:49	00:01:07		
	19	17:53:30	17:53:32	17:54:21	17:54:24	17:54:40	00:00:49	00:01:08		
	20	17:55:54	17:55:56	17:56:45	17:56:48	17:57:05	00:00:49	00:01:09		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
7	00:00:10	2520	
9	00:00:22	1440	
13	00:00:28	1659	
7	00:00:09	2600	
10	00:00:19	1895	
11	00:00:23	1722	
9	00:00:19	1781	
6	00:00:12	1800	
14	00:00:29	1726	Average
9	00:00:18	1840	1898

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	235	940	00:01:08	00:00:50	1898	67.08%	
08:15 - 08:30	214	856	00:01:10	00:00:51	1898	62.35%	
08:30 - 08:45	192	768	00:01:10	00:00:51	1898	55.59%	Average
08:45 - 09:00	216	864	00:01:11	00:00:54	1898	60.18%	61.28%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	151	604	00:01:08	00:00:48	1898	45.32%	
17:15 - 17:30	138	552	00:01:09	00:00:50	1898	39.90%	
17:30 - 17:45	145	580	00:01:09	00:00:50	1898	42.07%	Average
17:45 - 18:00	155	620	00:01:08	00:00:49	1898	45.38%	43.17%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	2	06:26:13	2	0	0	0	0	0	0	0	0	2	06:26:16	0	0	0	0	0	0	0	0	0	0	06:26:30	00:01:06
1	0	0	1	0	0	0	2	0	18	06:30:12	0	0	2	0	0	0	0	0	2	06:30:15	0	0	0	0	0	0	0	0	0	0	06:30:33	00:02:26
0	3	1	1	0	0	2	0	19	06:41:57	0	0	0	0	0	0	0	1	0	0	06:42:00	0	0	0	0	0	0	0	0	0	0	06:42:22	00:02:34
0	1	0	0	0	0	0	0	5	06:43:06	0	0	0	0	0	0	0	0	0	0	06:43:09	0	0	0	0	0	0	0	0	0	0	06:43:31	00:01:07
0	0	0	0	0	0	0	0	5	06:48:02	0	0	0	0	0	0	0	0	0	0	06:48:05	0	0	0	0	0	0	0	0	0	0	06:48:19	00:01:10
0	1	1	0	0	0	0	0	4	06:49:14	1	0	0	0	0	0	0	0	0	1	06:49:17	0	0	0	0	0	0	0	0	0	0	06:49:31	00:01:10
0	9	1	0	0	0	2	0	19	06:53:54	0	0	0	0	0	0	0	0	0	0	06:53:57	0	0	0	0	0	0	0	0	0	0	06:54:15	00:02:18
0	0	1	0	0	0	0	0	4	06:55:03	0	0	0	0	0	1	0	0	0	2	06:55:06	0	0	0	0	0	0	0	0	0	0	06:55:20	00:01:03
0	1	1	0	0	0	0	0	5	06:56:19	0	0	0	0	0	0	0	0	0	0	06:56:22	0	0	0	0	0	0	0	0	0	0	06:56:40	00:01:18
0	2	0	0	0	0	0	0	5	06:57:28	0	0	0	0	0	0	0	0	0	0	06:57:31	0	0	0	0	0	0	0	0	0	0	06:57:45	00:01:03

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 11
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:06:12	0	0	0	0	0	0	0	0	0	0	06:06:14	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:13:28	0	0	0	0	0	0	0	0	0	0	06:13:30	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:20:01	0	0	0	0	0	0	0	0	0	0	06:20:03	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:26:18	0	0	0	0	0	0	0	0	0	0	06:26:20	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:38:18	0	0	0	0	0	0	0	0	0	0	06:38:20	0	0	0	0	1	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:42:02	0	0	0	0	0	0	0	0	0	0	06:42:04	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:46:55	0	0	0	0	0	0	0	0	0	0	06:46:57	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:49:20	0	0	0	0	0	0	0	0	0	0	06:49:22	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:53:59	0	0	0	0	0	0	0	0	0	0	06:54:01	3	0	0	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
10	06:58:41	0	0	0	0	0	0	0	0	0	0	06:58:43	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:50	08:00:52	08:01:00	08:01:03	08:01:59	00:00:08	00:01:07		
2	08:03:13	08:03:15	08:03:23	08:03:26	08:04:19	00:00:08	00:01:04		
3	08:06:43	08:06:45	08:06:55	08:06:58	08:07:56	00:00:10	00:01:11		
4	08:07:56	08:07:58	08:08:06	08:08:09	08:09:03	00:00:08	00:01:05		
5	08:12:40	08:12:42	08:12:49	08:12:52	08:13:48	00:00:07	00:01:06		
6	08:16:18	08:16:18	08:16:29	08:16:32	08:17:25	00:00:11	00:01:07		
7	08:19:36	08:19:38	08:19:50	08:19:53	08:20:52	00:00:12	00:01:14		
8	08:22:00	08:22:02	08:22:10	08:22:13	08:23:09	00:00:08	00:01:07		
9	08:23:09	08:23:11	08:23:23	08:23:26	08:24:28	00:00:12	00:01:17		
10	08:24:28	08:24:30	08:24:42	08:24:45	08:25:38	00:00:12	00:01:08		
11	08:30:14	08:30:16	08:30:29	08:30:32	08:31:28	00:00:13	00:01:12		
12	08:34:59	08:35:01	08:35:13	08:35:16	08:36:17	00:00:12	00:01:16		
13	08:37:25	08:37:27	08:37:34	08:37:37	08:38:32	00:00:07	00:01:05		
14	08:40:48	08:40:50	08:41:06	08:41:09	08:42:09	00:00:16	00:01:19		
15	08:42:09	08:42:11	08:42:24	08:42:27	08:43:37	00:00:13	00:01:26		
16	08:45:49	08:45:51	08:45:59	08:46:02	08:47:08	00:00:08	00:01:17		
17	08:49:27	08:49:29	08:49:38	08:49:41	08:50:36	00:00:09	00:01:07		
18	08:52:59	08:53:01	08:53:09	08:53:12	08:54:13	00:00:08	00:01:12		
19	08:54:13	08:54:15	08:54:22	08:54:25	08:55:24	00:00:07	00:01:09		
20	08:55:24	08:55:26	08:55:33	08:55:36	08:56:31	00:00:07	00:01:05		

	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	28	112
08:15 - 08:30	27	108
08:30 - 08:45	25	100
08:45 - 09:00	39	156

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:00:44	17:00:46	17:00:58	17:01:01	17:01:49	00:00:12	00:01:03		
2	17:04:13	17:04:15	17:04:27	17:04:30	17:05:29	00:00:12	00:01:14		
3	17:06:41	17:06:43	17:06:56	17:06:59	17:07:59	00:00:13	00:01:16		
4	17:10:28	17:10:30	17:10:38	17:10:41	17:11:34	00:00:08	00:01:06		
5	17:12:43	17:12:45	17:12:53	17:12:56	17:13:53	00:00:08	00:01:10		
6	17:16:09	17:16:11	17:16:23	17:16:26	17:17:25	00:00:12	00:01:14		
7	17:19:49	17:19:51	17:20:03	17:20:06	17:21:01	00:00:12	00:01:10		
8	17:22:17	17:22:19	17:22:27	17:22:30	17:23:29	00:00:08	00:01:10		
9	17:24:45	17:24:47	17:24:55	17:24:58	17:26:01	00:00:08	00:01:14		
10	17:26:01	17:26:03	17:26:11	17:26:14	17:27:08	00:00:08	00:01:05		
11	17:30:30	17:30:32	17:30:44	17:30:47	17:31:46	00:00:12	00:01:14		
12	17:34:06	17:34:08	17:34:16	17:34:19	17:35:14	00:00:08	00:01:06		
13	17:36:26	17:36:28	17:36:41	17:36:44	17:37:44	00:00:13	00:01:16		
14	17:39:00	17:39:02	17:39:13	17:39:16	17:40:15	00:00:11	00:01:13		
15	17:41:31	17:41:33	17:41:41	17:41:44	17:42:37	00:00:08	00:01:04		
16	17:46:03	17:46:05	17:46:18	17:46:21	17:47:20	00:00:13	00:01:15		
17	17:48:30	17:48:32	17:48:43	17:48:46	17:49:42	00:00:11	00:01:10		
18	17:50:59	17:51:01	17:51:10	17:51:13	17:52:08	00:00:09	00:01:07		
19	17:52:08	17:52:10	17:52:18	17:52:21	17:53:12	00:00:08	00:01:02		
20	17:55:46	17:55:48	17:55:58	17:56:01	17:56:48	00:00:08	00:01:06		

	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	61	244
17:15 - 17:30	50	200
17:30 - 17:45	51	204
17:45 - 18:00	45	180

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	28	112	00:01:07	00:00:08	0	0.00%	
08:15 - 08:30	27	108	00:01:11	00:00:11	0	0.00%	
08:30 - 08:45	25	100	00:01:16	00:00:12	0	0.00%	Average
08:45 - 09:00	39	156	00:01:10	00:00:08	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	61	244	00:01:09	00:00:11	0	0.00%	
17:15 - 17:30	50	200	00:01:11	00:00:10	0	0.00%	
17:30 - 17:45	51	204	00:01:11	00:00:10	0	0.00%	Average
17:45 - 18:00	45	180	00:01:08	00:00:10	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:24	0	0	0	0	0	0	0	0	0	0	06:06:27	0	0	0	0	0	0	0	0	0	0	06:11:03	00:04:49
0	0	0	0	0	0	0	0	0	06:13:42	0	0	0	0	0	0	0	0	0	0	06:13:45	0	0	0	0	0	0	0	0	0	0	06:14:37	00:01:07
0	0	0	0	0	0	0	0	0	06:20:11	0	0	0	0	0	0	0	0	0	0	06:20:14	0	0	0	0	0	0	0	0	0	0	06:22:45	00:02:42
0	0	0	0	0	0	0	0	0	06:26:28	0	0	0	0	0	0	0	0	0	0	06:26:31	0	0	0	0	0	0	0	0	0	0	06:27:35	00:01:05
0	0	0	0	0	0	0	0	0	06:38:31	0	0	0	0	0	0	0	0	0	0	06:38:34	0	0	0	0	0	0	0	0	0	0	06:39:34	00:01:14
0	0	0	0	0	0	0	0	0	06:42:20	0	0	0	0	0	0	0	0	0	0	06:42:23	0	0	0	0	0	0	0	0	0	0	06:43:11	00:01:07
0	0	0	0	0	0	0	0	0	06:47:05	0	0	0	0	0	0	0	0	0	0	06:47:08	0	0	0	0	0	0	0	0	0	0	06:48:07	00:01:10
0	0	0	0	0	0	0	0	0	06:49:29	0	0	0	0	0	0	0	0	0	0	06:49:32	0	0	0	0	0	0	0	0	0	0	06:50:35	00:01:13
0	0	0	0	0	0	0	0	0	06:54:13	0	0	0	1	0	0	0	0	0	1	06:54:16	0	0	0	0	0	0	0	0	0	0	06:55:08	00:01:07
0	0	0	0	0	0	0	0	0	06:58:51	0	0	0	0	0	0	0	0	0	0	06:58:54	0	0	0	0	0	0	0	0	0	0	07:01:13	00:02:30

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 11
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:25	0	0	0	0	0	0	0	0	0	0	06:05:27	4	0	1	0	0	0	1	0	5			0	0	0	0	0	0	0	0	0	0		0
2	06:11:22	0	0	0	0	0	0	0	0	0	0	06:11:24	2	0	4	0	0	2	1	0	12			0	0	0	0	0	0	0	0	0	0		0
3	06:20:16	0	0	0	0	0	0	0	0	0	0	06:20:18	3	0	4	0	0	0	0	0	7			0	0	0	0	0	0	0	0	0	0		0
4	06:27:46	0	0	0	0	0	0	0	0	0	0	06:27:48	4	0	1	1	0	1	0	0	9			0	0	0	0	0	0	0	0	0	0		0
5	06:34:52	0	0	0	0	0	0	0	0	0	0	06:34:54	8	0	0	0	0	1	0	0	10			0	0	0	0	0	0	0	0	0	0		0
6	06:39:49	0	0	0	0	0	0	0	0	0	0	06:39:51	7	0	7	0	0	2	0	0	18			0	0	0	0	0	0	0	0	0	0		0
7	06:45:51	0	0	0	0	0	0	0	0	0	0	06:45:53	1	2	1	0	0	0	0	1	4			0	0	0	0	0	0	0	0	0	0		0
8	06:49:35	0	0	0	0	0	0	0	0	0	0	06:49:37	3	0	2	0	0	0	0	0	5			0	0	0	0	0	0	0	0	0	0		0
9	06:54:19	0	0	0	0	0	0	0	0	0	0	06:54:21	4	0	1	0	0	0	0	1	5			0	0	0	0	0	0	0	0	0	0		0
10	06:58:57	0	0	0	0	0	0	0	0	0	0	06:58:59	11	0	1	1	0	1	0	1	16			0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:04:38	08:04:40	08:05:35	08:05:38	08:05:51	00:00:55	00:01:11		
2	08:05:51	08:05:53	08:06:42	08:06:45	08:06:58	00:00:49	00:01:05		
3	08:06:58	08:07:00	08:07:54	08:07:57	08:08:11	00:00:54	00:01:11	111	444
4	08:08:11	08:08:13	08:09:01	08:09:04	08:09:23	00:00:48	00:01:10		
5	08:12:33	08:12:57	08:13:46	08:13:49	08:14:03	00:00:49	00:01:06		
6	08:15:18	08:15:20	08:16:14	08:16:17	08:16:34	00:00:54	00:01:14		
7	08:22:15	08:22:17	08:23:07	08:23:10	08:23:27	00:00:50	00:01:10		
8	08:23:27	08:23:29	08:24:20	08:24:23	08:24:38	00:00:51	00:01:10	100	400
9	08:24:48	08:24:50	08:25:36	08:25:39	08:25:57	00:00:46	00:01:07		
10	08:25:57	08:25:59	08:26:43	08:26:46	08:27:01	00:00:44	00:01:02		
11	08:30:33	08:30:35	08:31:25	08:31:28	08:31:42	00:00:50	00:01:07		
12	08:35:18	08:35:20	08:36:15	08:36:18	08:36:32	00:00:55	00:01:12		
13	08:38:47	08:38:49	08:39:38	08:39:41	08:39:55	00:00:49	00:01:06	117	468
14	08:41:12	08:41:14	08:42:07	08:42:10	08:42:28	00:00:53	00:01:14		
15	08:42:28	08:42:30	08:43:21	08:43:24	08:43:42	00:00:51	00:01:12		
16	08:48:30	08:48:32	08:49:26	08:49:29	08:49:42	00:00:54	00:01:10		
17	08:49:42	08:49:44	08:50:33	08:50:36	08:50:50	00:00:49	00:01:06		
18	08:50:50	08:50:52	08:51:46	08:51:49	08:52:03	00:00:54	00:01:11		
19	08:53:15	08:53:17	08:54:11	08:54:14	08:54:28	00:00:54	00:01:11		
20	08:54:28	08:54:30	08:55:22	08:55:25	08:55:38	00:00:52	00:01:08		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:03	17:01:05	17:01:47	17:01:50	17:02:08	00:00:42	00:01:03		
2	17:03:16	17:03:18	17:04:10	17:04:13	17:04:31	00:00:52	00:01:13		
3	17:06:59	17:07:01	17:07:56	17:07:59	17:08:16	00:00:55	00:01:15		
4	17:08:16	17:08:18	17:09:02	17:09:05	17:09:23	00:00:44	00:01:05	204	816
5	17:14:53	17:14:55	17:15:39	17:15:42	17:15:57	00:00:45	00:01:03		
6	17:15:20	17:15:22	17:16:07	17:16:10	17:16:28	00:00:45	00:01:08		
7	17:18:53	17:18:55	17:19:47	17:19:50	17:20:08	00:00:52	00:01:13		
8	17:21:20	17:21:22	17:22:14	17:22:17	17:22:32	00:00:52	00:01:10	189	756
9	17:23:48	17:23:50	17:24:42	17:24:45	17:25:00	00:00:52	00:01:10		
10	17:26:16	17:26:18	17:27:06	17:27:09	17:27:25	00:00:48	00:01:07		
11	17:30:48	17:30:50	17:31:43	17:31:46	17:32:05	00:00:53	00:01:15		
12	17:34:21	17:34:23	17:35:12	17:35:15	17:35:28	00:00:49	00:01:05		
13	17:36:44	17:36:46	17:37:40	17:37:43	17:38:02	00:00:54	00:01:16		
14	17:39:18	17:39:20	17:40:13	17:40:16	17:40:34	00:00:53	00:01:14		
15	17:41:46	17:41:48	17:42:33	17:42:36	17:42:55	00:00:45	00:01:07		
16	17:45:10	17:45:12	17:46:01	17:46:04	17:46:22	00:00:49	00:01:10		
17	17:48:47	17:48:49	17:49:39	17:49:42	17:49:55	00:00:50	00:01:06		
18	17:52:23	17:52:25	17:53:09	17:53:12	17:53:30	00:00:44	00:01:05	201	804
19	17:53:30	17:53:32	17:54:22	17:54:25	17:54:41	00:00:50	00:01:09		
20	17:55:54	17:55:56	17:56:45	17:56:48	17:57:07	00:00:49	00:01:11		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	111	444	00:01:09	00:00:51	0	0.00%	
08:15 - 08:30	100	400	00:01:10	00:00:50	0	0.00%	
08:30 - 08:45	117	468	00:01:10	00:00:52	0	0.00%	Average
08:45 - 09:00	139	556	00:01:09	00:00:53	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	204	816	00:01:09	00:00:48	0	0.00%	
17:15 - 17:30	189	756	00:01:09	00:00:50	0	0.00%	
17:30 - 17:45	201	804	00:01:11	00:00:51	0	0.00%	Average
17:45 - 18:00	201	804	00:01:08	00:00:48	0	0.00%	0.00%

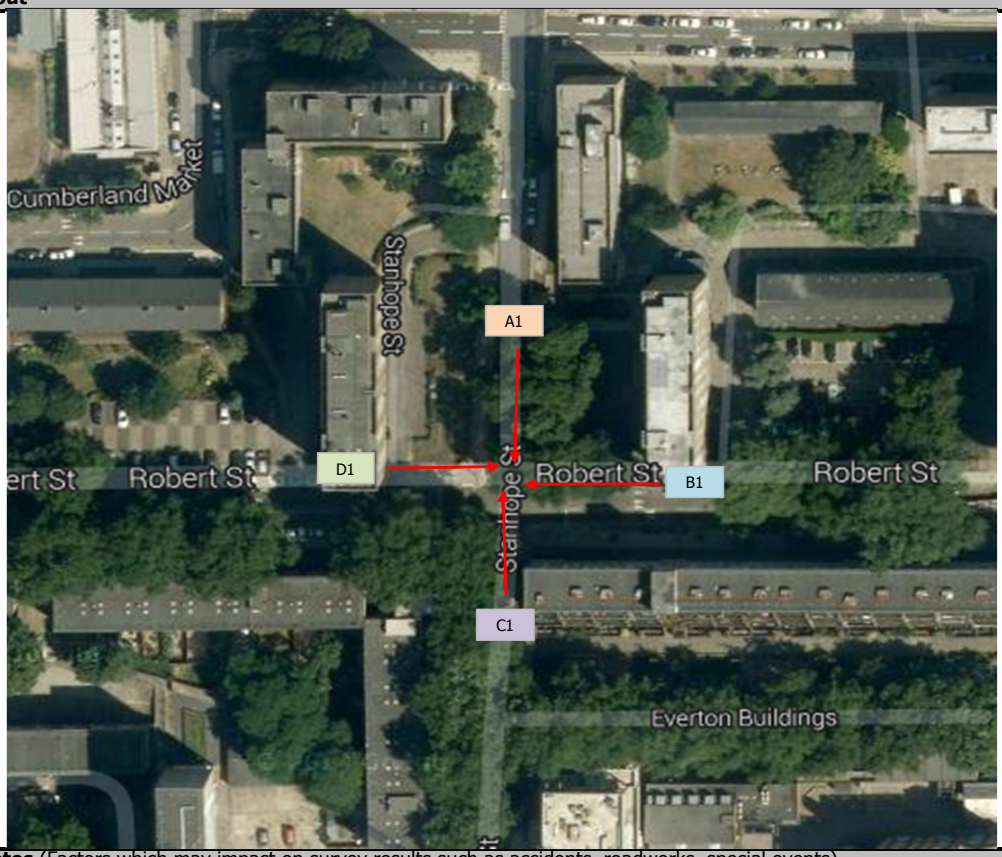
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:10	0	0	0	0	0	0	0	0	0	0	06:06:13	0	0	0	0	0	0	0	0	0	0	06:06:30	00:01:03
0	0	0	0	0	0	0	0	0	06:13:26	0	0	0	0	0	0	0	0	0	0	06:13:29	0	0	0	0	0	0	0	0	0	0	06:13:47	00:02:23
0	0	0	0	0	0	0	0	0	06:22:43	0	0	0	0	0	0	0	0	0	0	06:22:46	0	0	0	0	0	0	0	0	0	0	06:23:04	00:02:46
0	0	0	0	0	0	0	0	0	06:29:41	0	0	0	0	0	0	0	0	0	0	06:29:44	0	0	0	0	0	0	0	0	0	0	06:30:02	00:02:14
0	0	0	0	0	0	0	0	0	06:35:51	0	0	0	0	0	0	0	0	0	0	06:35:54	0	0	0	0	0	0	0	0	0	0	06:36:09	00:01:15
0	0	0	0	0	0	0	0	0	06:42:00	0	0	0	0	0	0	0	0	0	0	06:42:03	0	0	0	0	0	0	0	0	0	0	06:42:25	00:02:34
0	0	0	0	0	0	0	0	0	06:46:53	0	0	0	0	0	0	0	0	0	0	06:46:56	0	0	0	0	0	0	0	0	0	0	06:47:10	00:01:17
0	0	0	0	0	0	0	0	0	06:50:34	0	0	0	0	0	0	0	0	0	0	06:50:37	0	0	0	0	0	0	0	0	0	0	06:50:50	00:01:13
0	0	0	0	0	0	0	0	0	06:55:06	0	0	0	0	0	0	0	0	0	0	06:55:09	0	0	0	0	0	0	0	0	0	0	06:55:24	00:01:03
0	0	0	0	0	0	0	0	0	07:01:12	0	0	0	0	0	0	0	0	0	0	07:01:15	0	0	0	0	0	0	0	0	0	0	07:01:32	00:02:33

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 15
Date of Survey: 10.06.2014
Junction Name: Stanhope Street / Robert Street
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.528544	-0.140769	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 15
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:15:21	0	0	0	0	0	0	0	0	0	0	06:15:23	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:18:47	0	0	0	0	0	0	0	0	0	0	06:18:49	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:32:03	0	0	0	0	0	0	0	0	0	0	06:32:05	0	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:33:15	0	0	0	0	0	0	0	0	0	0	06:33:17	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:34:34	0	0	0	0	0	0	0	0	0	0	06:34:36	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:39:26	0	0	0	0	0	0	0	0	0	0	06:39:28	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:46:52	0	0	0	0	0	0	0	0	0	0	06:46:54	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:52:51	0	0	0	0	0	0	0	0	0	0	06:52:53	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:54:37	0	0	0	0	0	0	0	0	0	0	06:54:39	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:59:00	0	0	0	0	0	0	0	0	0	0	06:59:02	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:20	08:00:22	08:00:29	08:00:32	08:00:55	00:00:07	00:00:33	20	80
	2	08:02:13	08:02:15	08:02:22	08:02:25	08:02:37	00:00:07	00:00:22		
	3	08:06:50	08:06:52	08:07:00	08:07:03	08:07:18	00:00:08	00:00:26		
	4	08:11:23	08:11:25	08:11:32	08:11:35	08:11:55	00:00:07	00:00:30		
	5	08:13:12	08:13:14	08:13:21	08:13:24	08:13:40	00:00:07	00:00:26		
08:15 - 08:30	6	08:17:13	08:17:15	08:17:23	08:17:26	08:17:42	00:00:08	00:00:27	26	104
	7	08:20:13	08:20:15	08:20:22	08:20:25	08:20:46	00:00:07	00:00:31		
	8	08:24:28	08:24:30	08:24:37	08:24:40	08:25:09	00:00:07	00:00:39		
	9	08:27:34	08:27:36	08:27:45	08:27:48	08:28:09	00:00:09	00:00:33		
	10	08:28:52	08:28:54	08:29:03	08:29:06	08:29:21	00:00:09	00:00:27		
08:30 - 08:45	11	08:33:06	08:33:08	08:33:15	08:33:18	08:34:09	00:00:07	00:01:01	22	88
	12	08:36:36	08:36:38	08:36:45	08:36:48	08:37:51	00:00:07	00:01:13		
	13	08:40:13	08:40:15	08:40:22	08:40:25	08:40:44	00:00:07	00:00:29		
	14	08:41:12	08:41:14	08:41:22	08:41:25	08:42:14	00:00:08	00:01:00		
	15	08:42:46	08:42:48	08:42:55	08:42:58	08:43:19	00:00:07	00:00:31		
08:45 - 09:00	16	08:46:19	08:46:21	08:46:28	08:46:31	08:47:00	00:00:07	00:00:39	30	120
	17	08:49:28	08:49:30	08:49:38	08:49:41	08:49:57	00:00:08	00:00:27		
	18	08:52:09	08:52:11	08:52:19	08:52:22	08:52:35	00:00:08	00:00:24		
	19	08:55:37	08:55:39	08:55:46	08:55:49	08:56:19	00:00:07	00:00:40		
	20	08:58:52	08:58:54	08:59:01	08:59:04	08:59:57	00:00:07	00:01:03		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:08	17:01:10	17:01:18	17:01:21	17:01:33	00:00:08	00:00:23	12	48
	2	17:04:18	17:04:20	17:04:29	17:04:32	17:04:53	00:00:09	00:00:33		
	3	17:06:20	17:06:22	17:06:29	17:06:32	17:06:55	00:00:07	00:00:33		
	4	17:11:31	17:11:33	17:11:41	17:11:44	17:12:08	00:00:08	00:00:35		
	5	17:12:56	17:12:58	17:13:05	17:13:08	17:13:20	00:00:07	00:00:22		
17:15 - 17:30	6	17:17:04	17:17:06	17:17:13	17:17:16	17:18:15	00:00:07	00:01:09	11	44
	7	17:20:22	17:20:24	17:20:31	17:20:34	17:21:35	00:00:07	00:01:11		
	8	17:23:34	17:23:36	17:23:51	17:23:54	17:24:09	00:00:15	00:00:33		
	9	17:26:40	17:26:42	17:26:53	17:26:56	17:27:08	00:00:11	00:00:26		
	10	17:28:29	17:28:31	17:28:40	17:28:43	17:29:45	00:00:09	00:01:14		
17:30 - 17:45	11	17:32:33	17:32:35	17:32:42	17:32:45	17:33:07	00:00:07	00:00:32	13	52
	12	17:35:26	17:35:28	17:35:36	17:35:39	17:35:51	00:00:08	00:00:23		
	13	17:38:33	17:38:35	17:38:43	17:38:46	17:39:27	00:00:08	00:00:52		
	14	17:41:04	17:41:06	17:41:13	17:41:16	17:41:38	00:00:07	00:00:32		
	15	17:43:24	17:43:26	17:43:33	17:43:36	17:43:58	00:00:07	00:00:32		
17:45 - 18:00	16	17:46:17	17:46:19	17:46:26	17:46:29	17:46:57	00:00:07	00:00:38	8	32
	17	17:48:49	17:48:51	17:48:58	17:49:01	17:49:13	00:00:07	00:00:22		
	18	17:52:15	17:52:17	17:52:24	17:52:27	17:53:31	00:00:07	00:01:14		
	19	17:56:07	17:56:09	17:56:19	17:56:22	17:56:33	00:00:10	00:00:24		
	20	17:58:57	17:58:59	17:59:06	17:59:09	17:59:24	00:00:07	00:00:25		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	20	80	00:00:27	00:00:07	0	0.00%	
08:15 - 08:30	26	104	00:00:31	00:00:08	0	0.00%	
08:30 - 08:45	22	88	00:00:51	00:00:07	0	0.00%	Average
08:45 - 09:00	30	120	00:00:39	00:00:07	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	12	48	00:00:29	00:00:08	0	0.00%	
17:15 - 17:30	11	44	00:00:55	00:00:10	0	0.00%	
17:30 - 17:45	13	52	00:00:34	00:00:07	0	0.00%	Average
17:45 - 18:00	8	32	00:00:37	00:00:08	0	0.00%	0.00%

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Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:15:30	0	0	0	0	0	0	0	0	0	0	06:15:33	0	0	0	0	0	0	0	0	0	0	06:16:31	00:01:08
0	0	0	0	0	0	0	0	0	06:18:56	0	0	0	0	0	0	0	0	0	0	06:18:59	0	0	0	0	0	0	0	0	0	0	06:22:13	00:04:24
0	0	0	0	0	0	0	0	0	06:32:12	0	0	0	0	0	0	0	0	0	0	06:32:15	0	0	0	0	0	0	0	0	0	0	06:32:45	00:00:40
0	0	0	0	0	0	0	0	0	06:33:25	0	0	0	0	0	0	0	0	0	0	06:33:28	0	0	0	0	0	0	0	0	0	0	06:34:33	00:01:16
0	0	0	0	0	0	0	0	0	06:34:47	0	0	0	0	0	0	0	0	0	0	06:34:50	0	0	0	0	0	0	0	0	0	0	06:35:58	00:01:22
0	0	0	0	0	0	0	0	0	06:39:35	0	0	0	0	0	0	0	0	0	0	06:39:38	0	0	0	0	0	0	0	0	0	0	06:39:50	00:00:22
0	0	0	0	0	0	0	0	0	06:47:02	0	0	0	0	0	0	0	0	0	0	06:47:05	0	0	0	0	0	0	0	0	0	0	06:47:26	00:00:32
0	0	0	0	0	0	0	0	0	06:53:00	0	0	0	0	0	0	0	0	0	0	06:53:03	0	0	0	0	0	0	0	0	0	0	06:53:17	00:00:24
0	0	0	0	0	0	0	0	0	06:54:46	0	0	0	0	0	0	0	0	0	0	06:54:49	0	0	0	0	0	0	0	0	0	0	06:55:25	00:00:46
0	0	0	0	0	0	0	0	0	06:59:09	0	0	0	0	0	0	0	0	0	0	06:59:12	0	0	0	0	0	0	0	0	0	0	07:00:05	00:01:03

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 15
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:11:13	0	0	0	0	0	0	0	0	0	0	06:11:15	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:18:59	0	0	0	0	0	0	0	0	0	0	06:19:01	4	1	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:23:48	0	0	0	0	0	0	0	0	0	0	06:23:50	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:30:19	0	0	0	0	0	0	0	0	0	0	06:30:21	0	0	0	0	0	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:36:09	0	0	0	0	0	0	0	0	0	0	06:36:11	3	0	1	0	0	0	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0
6	06:41:40	0	0	0	0	0	0	0	0	0	0	06:41:42	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:45:02	0	0	0	0	0	0	0	0	0	0	06:45:04	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:49:01	0	0	0	0	0	0	0	0	0	0	06:49:03	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:53:03	0	0	0	0	0	0	0	0	0	0	06:53:05	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:57:56	0	0	0	0	0	0	0	0	0	0	06:57:58	3	0	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:24	08:02:26	08:02:33	08:02:36	08:02:49	00:00:07	00:00:23	72	288
	2	08:04:59	08:05:01	08:05:15	08:05:18	08:05:31	00:00:14	00:00:30		
	3	08:07:30	08:07:32	08:07:46	08:07:49	08:08:01	00:00:14	00:00:29		
	4	08:12:06	08:12:08	08:12:15	08:12:18	08:12:33	00:00:07	00:00:25		
	5	08:13:23	08:13:25	08:13:37	08:13:40	08:13:52	00:00:12	00:00:27		
08:15 - 08:30	6	08:15:38	08:15:40	08:15:47	08:15:50	08:16:18	00:00:07	00:00:38	93	372
	7	08:18:33	08:18:35	08:18:57	08:19:00	08:19:13	00:00:22	00:00:38		
	8	08:22:49	08:22:51	08:22:59	08:23:02	08:23:14	00:00:08	00:00:23		
	9	08:26:02	08:26:04	08:26:18	08:26:21	08:26:32	00:00:14	00:00:28		
	10	08:28:22	08:28:24	08:28:48	08:28:51	08:29:05	00:00:24	00:00:41		
08:30 - 08:45	11	08:30:37	08:30:39	08:30:46	08:30:49	08:31:05	00:00:07	00:00:26	82	328
	12	08:34:21	08:34:23	08:34:53	08:34:56	08:35:12	00:00:30	00:00:49		
	13	08:39:01	08:39:03	08:39:17	08:39:20	08:39:49	00:00:14	00:00:46		
	14	08:41:00	08:41:02	08:41:09	08:41:12	08:41:25	00:00:07	00:00:23		
	15	08:43:54	08:43:56	08:44:03	08:44:06	08:44:35	00:00:07	00:00:39		
08:45 - 09:00	16	08:46:30	08:46:32	08:46:39	08:46:42	08:47:11	00:00:07	00:00:39	74	296
	17	08:49:41	08:49:43	08:49:52	08:49:55	08:50:07	00:00:09	00:00:24		
	18	08:53:54	08:53:56	08:54:05	08:54:08	08:54:49	00:00:09	00:00:53		
	19	08:56:30	08:56:32	08:56:39	08:56:42	08:57:11	00:00:07	00:00:39		
	20	08:58:23	08:58:25	08:58:32	08:58:35	08:59:04	00:00:07	00:00:39		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:31	17:00:33	17:01:06	17:01:09	17:01:20	00:00:33	00:00:47	43	172
	2	17:03:46	17:03:48	17:03:58	17:04:01	17:04:29	00:00:10	00:00:41		
	3	17:07:07	17:07:09	17:07:17	17:07:20	17:07:31	00:00:08	00:00:22		
	4	17:11:43	17:11:45	17:12:04	17:12:07	17:12:25	00:00:19	00:00:40		
	5	17:13:35	17:13:37	17:13:51	17:13:54	17:14:06	00:00:14	00:00:29		
17:15 - 17:30	6	17:16:02	17:16:04	17:17:01	17:17:04	17:17:16	00:00:57	00:01:12	64	256
	7	17:19:55	17:19:57	17:20:18	17:20:21	17:20:33	00:00:21	00:00:36		
	8	17:21:51	17:21:55	17:22:04	17:22:07	17:22:19	00:00:09	00:00:24		
	9	17:25:08	17:25:10	17:25:40	17:25:42	17:26:06	00:00:32	00:00:56		
	10	17:28:49	17:28:51	17:29:03	17:29:05	17:29:17	00:00:12	00:00:28		
17:30 - 17:45	11	17:31:52	17:31:54	17:32:12	17:32:15	17:32:45	00:00:18	00:00:53	73	292
	12	17:35:04	17:35:06	17:35:22	17:35:25	17:35:38	00:00:16	00:00:32		
	13	17:38:00	17:38:02	17:38:13	17:38:16	17:38:45	00:00:11	00:00:43		
	14	17:41:15	17:41:17	17:41:34	17:41:37	17:41:52	00:00:17	00:00:35		
	15	17:43:36	17:43:38	17:43:55	17:43:58	17:44:15	00:00:17	00:00:37		
17:45 - 18:00	16	17:45:54	17:45:56	17:46:13	17:46:16	17:46:28	00:00:17	00:00:32	38	152
	17	17:49:31	17:49:33	17:49:41	17:49:44	17:50:13	00:00:08	00:00:40		
	18	17:52:03	17:52:05	17:52:12	17:52:15	17:52:27	00:00:07	00:00:22		
	19	17:56:20	17:56:22	17:56:29	17:56:32	17:56:45	00:00:07	00:00:23		
	20	17:57:37	17:57:39	17:58:01	17:58:04	17:58:21	00:00:22	00:00:42		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	72	288	00:00:27	00:00:11	0	0.00%	
08:15 - 08:30	93	372	00:00:34	00:00:15	0	0.00%	
08:30 - 08:45	82	328	00:00:37	00:00:13	0	0.00%	Average
08:45 - 09:00	74	296	00:00:39	00:00:08	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	43	172	00:00:36	00:00:17	0	0.00%	
17:15 - 17:30	64	256	00:00:46	00:00:29	0	0.00%	
17:30 - 17:45	73	292	00:00:40	00:00:16	0	0.00%	Average
17:45 - 18:00	38	152	00:00:32	00:00:12	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:15:18	0	0	0	0	0	0	0	0	0	0	06:15:21	0	0	0	0	0	0	0	0	0	0	06:15:32	00:04:17
0	0	0	0	0	0	0	0	0	06:23:09	0	0	0	0	0	0	0	0	0	0	06:23:12	0	0	0	0	0	0	0	0	0	0	06:23:24	00:04:23
0	0	0	0	0	0	0	0	0	06:25:59	0	0	0	0	0	0	0	0	0	0	06:26:02	0	0	0	0	0	0	0	0	0	0	06:26:14	00:02:24
0	0	0	0	0	0	0	0	0	06:31:59	0	0	0	0	0	0	0	0	0	0	06:32:02	0	0	0	0	0	0	0	0	0	0	06:32:14	00:01:53
0	0	0	0	0	0	0	0	0	06:39:22	0	0	0	0	0	0	0	0	0	0	06:39:25	0	0	0	0	0	0	0	0	0	0	06:39:37	00:03:26
0	0	0	0	0	0	0	0	0	06:42:17	0	0	0	0	0	0	0	0	0	0	06:42:20	0	0	0	0	0	0	0	0	0	0	06:42:32	00:00:50
0	0	0	0	0	0	0	0	0	06:45:55	0	0	0	0	0	0	0	0	0	0	06:45:58	0	0	0	0	0	0	0	0	0	0	06:46:10	00:01:06
0	0	0	0	0	0	0	0	0	06:49:39	0	0	0	0	0	0	0	0	0	0	06:49:42	0	0	0	0	0	0	0	0	0	0	06:49:54	00:00:51
0	0	0	0	0	0	0	0	0	06:53:13	0	0	0	0	0	0	0	0	0	0	06:53:16	0	0	0	0	0	0	0	0	0	0	06:53:29	00:00:24
0	0	0	0	0	0	0	0	0	06:58:57	0	0	0	0	0	0	0	0	0	0	06:59:00	0	0	0	0	0	0	0	0	0	0	06:59:12	00:01:14

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001081
Site Number: Site 15
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:11:02	0	0	0	0	0	0	0	0	0	0	06:11:04	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:16:33	0	0	0	0	0	0	0	0	0	0	06:16:35	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:32:04	0	0	0	0	0	0	0	0	0	0	06:32:06	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:34:35	0	0	0	0	0	0	0	0	0	0	06:34:37	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:42:22	0	0	0	0	0	0	0	0	0	0	06:42:24	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:45:59	0	0	0	0	0	0	0	0	0	0	06:46:01	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:48:09	0	0	0	0	0	0	0	0	0	0	06:48:11	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:49:43	0	0	0	0	0	0	0	0	0	0	06:49:45	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:53:49	0	0	0	0	0	0	0	0	0	0	06:53:51	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:57:21	0	0	0	0	0	0	0	0	0	0	06:57:23	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:56	08:00:58	08:01:07	08:01:10	08:01:44	00:00:09	00:00:46	8	32
	2	08:04:45	08:04:47	08:04:58	08:05:01	08:05:20	00:00:11	00:00:33		
	3	08:07:50	08:07:52	08:07:59	08:08:02	08:08:14	00:00:07	00:00:22		
	4	08:11:55	08:11:57	08:12:05	08:12:08	08:12:20	00:00:08	00:00:23		
	5	08:13:40	08:13:42	08:13:49	08:13:52	08:14:38	00:00:07	00:00:56		
08:15 - 08:30	6	08:17:14	08:17:16	08:17:23	08:17:26	08:17:42	00:00:07	00:00:26	10	40
	7	08:22:14	08:22:16	08:22:23	08:22:26	08:22:38	00:00:07	00:00:22		
	8	08:23:31	08:23:33	08:23:40	08:23:43	08:24:28	00:00:07	00:00:55		
	9	08:27:05	08:27:07	08:27:15	08:27:18	08:27:34	00:00:08	00:00:27		
	10	08:28:09	08:28:11	08:28:20	08:28:23	08:28:52	00:00:09	00:00:41		
08:30 - 08:45	11	08:32:10	08:32:12	08:32:19	08:32:22	08:33:07	00:00:07	00:00:55	14	56
	12	08:35:29	08:35:31	08:35:42	08:35:45	08:36:37	00:00:11	00:01:06		
	13	08:38:44	08:38:46	08:38:58	08:39:01	08:39:38	00:00:12	00:00:52		
	14	08:42:14	08:42:16	08:42:23	08:42:26	08:42:47	00:00:07	00:00:33		
	15	08:43:19	08:43:21	08:43:28	08:43:31	08:43:43	00:00:07	00:00:22		
08:45 - 09:00	16	08:45:46	08:45:48	08:45:55	08:45:58	08:46:19	00:00:07	00:00:31	14	56
	17	08:48:35	08:48:37	08:48:48	08:48:51	08:49:29	00:00:11	00:00:52		
	18	08:52:09	08:52:11	08:52:20	08:52:23	08:52:35	00:00:09	00:00:24		
	19	08:55:06	08:55:08	08:55:19	08:55:22	08:55:38	00:00:11	00:00:30		
	20	08:58:09	08:58:11	08:58:21	08:58:24	08:58:54	00:00:10	00:00:43		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:33	17:01:35	17:01:42	17:01:45	17:02:03	00:00:07	00:00:28	18	72
	2	17:04:19	17:04:21	17:04:29	17:04:32	17:04:53	00:00:08	00:00:32		
	3	17:07:50	17:07:52	17:07:59	17:08:02	17:08:16	00:00:07	00:01:24		
	4	17:12:08	17:12:10	17:12:23	17:12:26	17:12:57	00:00:13	00:00:47		
	5	17:13:20	17:13:22	17:13:33	17:13:36	17:13:55	00:00:11	00:00:33		
17:15 - 17:30	6	17:17:05	17:17:07	17:17:14	17:17:17	17:18:15	00:00:07	00:01:08	15	60
	7	17:20:22	17:20:24	17:20:31	17:20:34	17:21:35	00:00:07	00:01:11		
	8	17:24:10	17:24:12	17:24:19	17:24:22	17:24:56	00:00:07	00:00:44		
	9	17:25:58	17:26:00	17:26:09	17:26:12	17:26:41	00:00:12	00:00:43		
	10	17:28:30	17:28:32	17:28:41	17:28:44	17:29:24	00:00:14	00:00:54		
17:30 - 17:45	11	17:33:07	17:33:09	17:33:16	17:33:19	17:34:00	00:00:07	00:00:53	18	72
	12	17:36:22	17:36:24	17:36:34	17:36:37	17:37:44	00:00:10	00:01:20		
	13	17:39:27	17:39:29	17:39:37	17:39:40	17:40:03	00:00:08	00:00:34		
	14	17:41:38	17:41:40	17:41:50	17:41:53	17:42:25	00:00:10	00:00:45		
	15	17:43:59	17:44:01	17:44:13	17:44:16	17:44:28	00:00:12	00:00:27		
17:45 - 18:00	16	17:45:44	17:45:46	17:45:53	17:45:56	17:46:17	00:00:07	00:00:31	17	68
	17	17:49:13	17:49:15	17:49:29	17:49:32	17:50:01	00:00:14	00:00:46		
	18	17:52:16	17:52:18	17:52:25	17:52:28	17:53:32	00:00:07	00:01:14		
	19	17:56:08	17:56:10	17:56:19	17:56:22	17:56:34	00:00:09	00:00:24		
	20	17:58:34	17:58:36	17:58:43	17:58:46	17:58:58	00:00:07	00:00:22		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	8	32	00:00:36	00:00:08	0	0.00%	
08:15 - 08:30	10	40	00:00:34	00:00:08	0	0.00%	
08:30 - 08:45	14	56	00:00:45	00:00:09	0	0.00%	Average
08:45 - 09:00	14	56	00:00:36	00:00:10	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	18	72	00:00:45	00:00:09	0	0.00%	
17:15 - 17:30	15	60	00:01:02	00:00:09	0	0.00%	
17:30 - 17:45	18	72	00:00:47	00:00:09	0	0.00%	Average
17:45 - 18:00	17	68	00:00:39	00:00:09	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:11:11	0	0	0	0	0	0	0	0	0	0	06:11:14	0	0	0	0	0	0	0	0	0	0	06:15:23	00:04:19
0	0	0	0	0	0	0	0	0	06:16:42	0	0	0	0	0	0	0	0	0	0	06:16:45	0	0	0	0	0	0	0	0	0	0	06:18:49	00:02:14
0	0	0	0	0	0	0	0	0	06:32:13	0	0	0	0	0	0	0	0	0	0	06:32:16	0	0	0	0	0	0	0	0	0	0	06:32:45	00:00:39
0	0	0	0	0	0	0	0	0	06:34:48	0	0	0	0	0	0	0	0	0	0	06:34:51	0	0	0	0	0	0	0	0	0	0	06:35:59	00:01:22
0	0	0	0	0	0	0	0	0	06:42:31	0	0	0	0	0	0	0	0	0	0	06:42:34	0	0	0	0	0	0	0	0	0	0	06:44:51	00:02:27
0	0	0	0	0	0	0	0	0	06:46:08	0	0	0	0	0	0	0	0	0	0	06:46:11	0	0	0	0	0	0	0	0	0	0	06:46:53	00:00:52
0	0	0	0	0	0	0	0	0	06:48:19	0	0	0	0	0	0	0	0	0	0	06:48:22	0	0	0	0	0	0	0	0	0	0	06:48:50	00:00:39
0	0	0	0	0	0	0	0	0	06:49:53	0	0	0	0	0	0	0	0	0	0	06:49:56	0	0	0	0	0	0	0	0	0	0	06:52:53	00:03:08
0	0	0	0	0	0	0	0	0	06:53:58	0	0	0	0	0	0	0	0	0	0	06:54:01	0	0	0	0	0	0	0	0	0	0	06:54:14	00:00:23
0	0	0	0	0	0	0	0	0	06:57:30	0	0	0	0	0	0	0	0	0	0	06:57:33	0	0	0	0	0	0	0	0	0	0	06:57:45	00:00:22

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 15
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:11:13	0	0	0	0	0	0	0	0	0	0	06:11:15	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:16:44	0	0	0	0	0	0	0	0	1	0	06:16:46	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:23:25	0	0	0	0	0	0	0	0	0	0	06:23:27	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:26:15	0	0	0	0	0	0	0	0	0	0	06:26:17	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:29:34	0	0	0	0	0	0	0	0	0	0	06:29:36	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:32:57	0	0	0	0	0	0	0	0	0	0	06:32:59	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:39:38	0	0	0	0	0	0	0	0	0	0	06:39:40	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:45:03	0	0	0	0	0	0	0	0	0	0	06:45:05	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:49:54	0	0	0	0	0	0	0	0	0	0	06:49:56	1	0	3	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:55:36	0	0	0	0	0	0	0	0	0	0	06:55:38	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:02:49	08:02:51	08:03:08	08:03:11	08:03:40	00:00:17	00:00:49		
2	08:05:55	08:05:57	08:06:47	08:06:50	08:07:02	00:00:50	00:01:05		
3	08:09:07	08:09:09	08:09:17	08:09:20	08:09:50	00:00:08	00:00:41		
4	08:11:11	08:11:13	08:11:20	08:11:23	08:11:35	00:00:07	00:00:22		
5	08:13:24	08:13:26	08:13:37	08:13:40	08:13:52	00:00:11	00:00:26		
6	08:15:38	08:15:40	08:15:47	08:15:50	08:16:19	00:00:07	00:00:39		
7	08:18:35	08:18:37	08:18:58	08:19:01	08:19:13	00:00:21	00:00:36		
8	08:21:28	08:21:30	08:21:54	08:21:57	08:22:25	00:00:24	00:00:55		
9	08:25:20	08:25:22	08:25:42	08:25:45	08:26:03	00:00:20	00:00:41		
10	08:27:17	08:27:19	08:27:31	08:27:34	08:27:47	00:00:12	00:00:28		
11	08:31:06	08:31:08	08:31:31	08:31:34	08:31:47	00:00:23	00:00:39		
12	08:34:22	08:34:24	08:34:54	08:34:57	08:35:14	00:00:30	00:00:50		
13	08:38:02	08:38:04	08:38:23	08:38:26	08:39:01	00:00:19	00:00:57		
14	08:41:00	08:41:02	08:41:09	08:41:12	08:41:25	00:00:07	00:00:23		
15	08:42:58	08:43:00	08:43:15	08:43:18	08:43:31	00:00:15	00:00:31		
16	08:45:57	08:45:59	08:46:15	08:46:18	08:46:30	00:00:16	00:00:31		
17	08:48:51	08:48:53	08:49:25	08:49:28	08:49:41	00:00:32	00:00:48		
18	08:52:21	08:52:23	08:52:31	08:52:34	08:52:47	00:00:08	00:00:24		
19	08:54:49	08:54:51	08:55:03	08:55:06	08:55:21	00:00:12	00:00:30		
20	08:58:23	08:58:25	08:58:32	08:58:35	08:59:04	00:00:07	00:00:39		
08:00 - 08:15								11	44
08:15 - 08:30								9	36
08:30 - 08:45								28	112
08:45 - 09:00								31	124

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:18	17:01:20	17:01:27	17:01:30	17:01:42	00:00:07	00:00:22		
2	17:03:44	17:03:46	17:03:56	17:03:59	17:04:29	00:00:10	00:00:43		
3	17:07:59	17:08:01	17:08:15	17:08:18	17:08:35	00:00:14	00:00:34		
4	17:10:44	17:10:46	17:10:53	17:10:56	17:11:08	00:00:07	00:00:22		
5	17:13:06	17:13:08	17:13:16	17:13:19	17:13:34	00:00:08	00:00:26		
6	17:17:14	17:17:16	17:17:52	17:17:55	17:18:24	00:00:36	00:01:08		
7	17:19:27	17:19:29	17:19:36	17:19:39	17:19:53	00:00:07	00:00:24		
8	17:22:17	17:22:19	17:22:43	17:22:46	17:23:02	00:00:24	00:00:43		
9	17:26:04	17:26:06	17:26:35	17:26:38	17:26:53	00:00:29	00:00:47		
10	17:28:25	17:28:27	17:28:40	17:28:43	17:28:57	00:00:13	00:00:32		
11	17:31:50	17:31:52	17:32:10	17:32:13	17:32:42	00:00:18	00:00:50		
12	17:35:02	17:35:04	17:35:20	17:35:23	17:35:36	00:00:16	00:00:32		
13	17:38:43	17:38:45	17:39:06	17:39:09	17:39:37	00:00:21	00:00:52		
14	17:41:52	17:41:52	17:42:02	17:42:05	17:42:34	00:00:10	00:00:42		
15	17:43:33	17:43:35	17:43:53	17:43:56	17:44:13	00:00:18	00:00:38		
16	17:45:53	17:45:55	17:46:11	17:46:14	17:46:27	00:00:16	00:00:32		
17	17:47:07	17:47:09	17:47:38	17:47:41	17:47:59	00:00:29	00:00:50		
18	17:50:10	17:50:12	17:50:21	17:50:24	17:50:41	00:00:09	00:00:29		
19	17:53:00	17:53:02	17:53:26	17:53:29	17:53:41	00:00:24	00:00:39		
20	17:57:11	17:57:13	17:57:20	17:57:23	17:57:35	00:00:07	00:00:22		
17:00 - 17:15								43	172
17:15 - 17:30								45	180
17:30 - 17:45								53	212
17:45 - 18:00								30	120

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
11	44	00:00:41	00:00:19	0	0.00%	
9	36	00:00:40	00:00:17	0	0.00%	
28	112	00:00:40	00:00:19	0	0.00%	Average
31	124	00:00:34	00:00:15	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
43	172	00:00:29	00:00:09	0	0.00%	
45	180	00:00:45	00:00:21	0	0.00%	
53	212	00:00:43	00:00:17	0	0.00%	Average
30	120	00:00:34	00:00:17	0	0.00%	0.00%

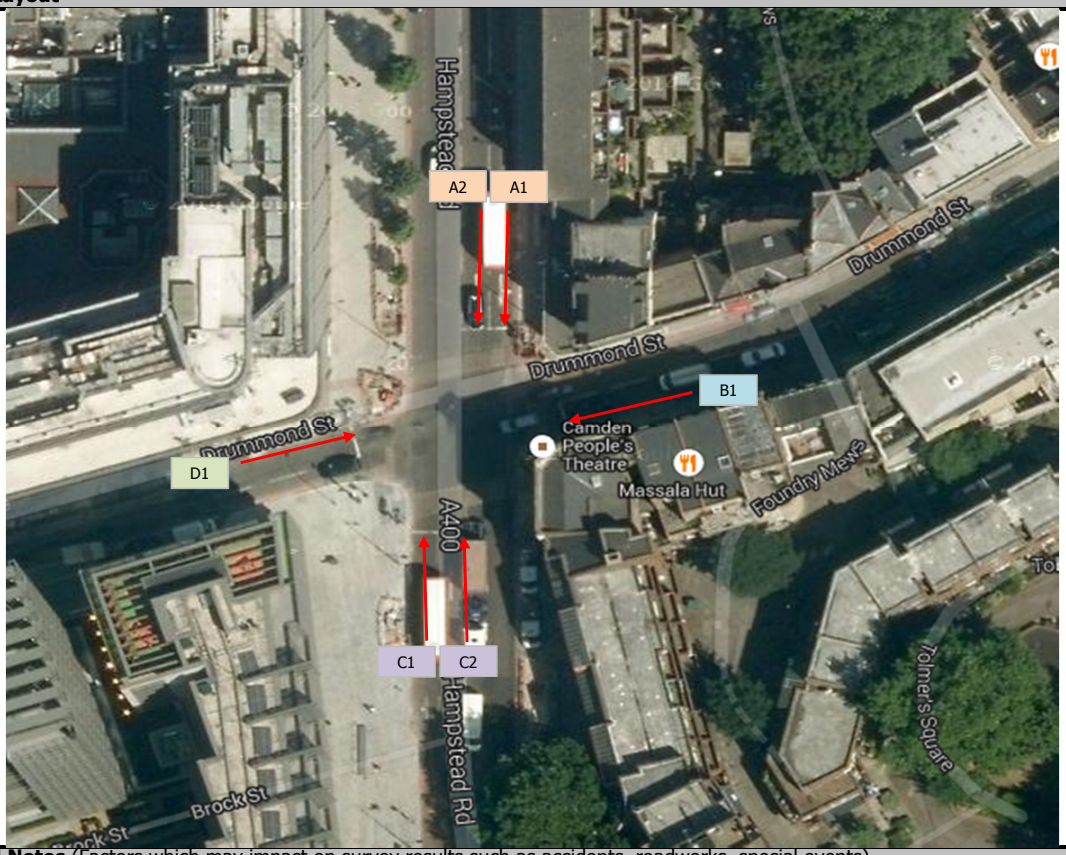
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:15:18	0	0	0	0	0	0	0	0	0	0	06:15:21	0	0	0	0	0	0	0	0	0	0	06:15:34	00:04:19
0	0	0	0	0	0	0	0	0	06:18:45	0	0	0	0	0	0	0	0	0	0	06:18:48	0	0	0	0	0	0	0	0	0	0	06:18:59	00:02:13
0	0	0	0	0	0	0	0	0	06:21:34	0	0	0	0	0	0	0	0	0	0	06:21:37	0	0	0	0	0	0	0	0	0	0	06:23:48	00:00:21
0	0	0	0	0	0	0	0	0	06:26:24	0	0	0	0	0	0	0	0	0	0	06:26:27	0	0	0	0	0	0	0	0	0	0	06:26:39	00:00:22
0	0	0	0	0	0	0	0	0	06:30:04	0	0	0	0	0	0	0	0	0	0	06:30:07	0	0	0	0	0	0	0	0	0	0	06:30:19	00:00:43
0	0	0	0	0	0	0	0	0	06:33:12	0	0	0	0	0	0	0	0	0	0	06:33:15	0	0	0	0	0	0	0	0	0	0	06:33:27	00:00:28
0	0	0	0	0	0	0	0	0	06:36:47	0	0	0	0	0	0	0	0	0	0	06:36:50	0	0	0	0	0	0	0	0	0	0	06:40:03	00:00:23
0	0	0	0	0	0	0	0	0	06:45:55	0	0	0	0	0	0	0	0	0	0	06:45:58	0	0	0	0	0	0	0	0	0	0	06:46:10	00:01:05
0	0	0	0	0	0	0	0	0	06:52:48	0	0	0	0	0	0	0	0	0	0	06:52:51	0	0	0	0	0	0	0	0	0	0	06:53:04	00:03:08
0	0	0	0	0	0	0	0	0	06:57:17	0	0	0	0	0	0	0	0	0	0	06:57:20	0	0	0	0	0	0	0	0	0	0	06:57:32	00:01:54

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 16
Date of Survey: 12.06.2014
Junction Name: Hampstead Road / Drummond Street
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.526481	-0.138687	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 16
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:28	0	0	0	0	0	0	0	0	0	0	06:05:30	0	0	1	0	0	1	0	0	2	3		0	0	0	0	0	0	0	0	0	0		0
2	06:11:52	0	0	0	0	0	0	0	0	0	0	06:11:54	1	0	0	0	0	0	0	0	1	1		0	0	0	0	0	0	0	0	0	0		0
3	06:22:46	0	0	0	0	0	0	0	0	0	0	06:22:48	1	0	0	0	0	0	0	0	1	1		0	0	0	0	0	0	0	0	0	0		0
4	06:29:10	0	0	0	0	0	0	0	0	0	0	06:29:12	1	0	0	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
5	06:37:29	0	0	0	0	0	0	0	0	0	0	06:37:31	2	0	1	0	0	1	0	1	1	6		0	0	0	0	0	0	0	0	0	0		0
6	06:42:16	0	0	0	0	0	0	0	0	0	0	06:42:18	2	2	1	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
7	06:46:46	0	0	0	0	0	0	0	0	0	0	06:46:48	0	0	2	0	0	2	0	0	1	6		0	0	0	0	0	0	0	0	0	0		0
8	06:53:28	0	0	0	0	0	0	0	0	0	0	06:53:30	4	0	3	0	0	0	0	1	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:55:04	0	0	0	0	0	0	0	0	0	0	06:55:06	1	1	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:56:40	0	0	0	0	0	0	0	0	0	0	06:56:42	4	0	0	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:39	08:00:41	08:01:36	08:01:39	08:02:13	00:00:55	00:01:32	59	236
	2	08:03:56	08:03:58	08:04:49	08:04:52	08:05:33	00:00:51	00:01:35		
	3	08:07:09	08:07:11	08:08:00	08:08:03	08:08:37	00:00:49	00:01:26		
	4	08:10:20	08:10:22	08:11:13	08:11:16	08:11:57	00:00:51	00:01:35		
	5	08:13:26	08:13:28	08:14:24	08:14:27	08:15:00	00:00:56	00:01:32		
08:15 - 08:30	6	08:15:00	08:15:02	08:16:00	08:16:03	08:16:37	00:00:58	00:01:35	64	256
	7	08:18:13	08:18:15	08:19:14	08:19:17	08:19:57	00:00:59	00:01:42		
	8	08:21:33	08:21:35	08:22:24	08:22:27	08:23:08	00:00:49	00:01:33		
	9	08:24:44	08:24:46	08:25:38	08:25:41	08:26:17	00:00:52	00:01:31		
	10	08:27:56	08:27:58	08:28:48	08:28:51	08:29:24	00:00:50	00:01:28		
08:30 - 08:45	11	08:31:09	08:31:11	08:32:01	08:32:04	08:32:45	00:00:50	00:01:34	58	232
	12	08:34:18	08:34:20	08:35:13	08:35:16	08:35:48	00:00:53	00:01:28		
	13	08:37:33	08:37:35	08:38:24	08:38:27	08:39:02	00:00:49	00:01:27		
	14	08:40:43	08:40:45	08:41:36	08:41:39	08:42:13	00:00:51	00:01:30		
	15	08:43:57	08:43:59	08:44:48	08:44:51	08:45:32	00:00:49	00:01:33		
08:45 - 09:00	16	08:45:32	08:45:34	08:46:24	08:46:27	08:47:00	00:00:50	00:01:26	72	288
	17	08:48:37	08:48:39	08:49:39	08:49:42	08:50:20	00:01:00	00:01:41		
	18	08:51:57	08:51:59	08:52:49	08:52:52	08:53:32	00:00:50	00:01:33		
	19	08:55:01	08:55:03	08:56:01	08:56:04	08:56:37	00:00:58	00:01:34		
	20	08:58:13	08:58:15	08:59:13	08:59:16	08:59:57	00:00:58	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:27	17:01:29	17:02:27	17:02:30	17:03:04	00:00:58	00:01:35	55	220
	2	17:04:39	17:04:41	17:05:40	17:05:43	17:06:21	00:00:59	00:01:40		
	3	17:07:57	17:07:59	17:08:51	17:08:54	17:09:34	00:00:52	00:01:35		
	4	17:11:09	17:11:11	17:12:04	17:12:07	17:12:46	00:00:53	00:01:35		
	5	17:14:22	17:14:24	17:15:16	17:15:19	17:15:58	00:00:52	00:01:34		
17:15 - 17:30	6	17:15:58	17:16:00	17:16:52	17:16:55	17:17:34	00:00:52	00:01:34	42	168
	7	17:19:10	17:19:12	17:20:04	17:20:07	17:20:46	00:00:52	00:01:34		
	8	17:22:22	17:22:24	17:23:15	17:23:18	17:23:58	00:00:51	00:01:34		
	9	17:25:34	17:25:36	17:26:28	17:26:31	17:27:10	00:00:52	00:01:34		
	10	17:28:40	17:28:42	17:29:40	17:29:43	17:30:16	00:00:58	00:01:34		
17:30 - 17:45	11	17:31:58	17:32:00	17:32:52	17:32:55	17:33:28	00:00:52	00:01:28	58	232
	12	17:35:10	17:35:12	17:36:05	17:36:08	17:36:45	00:00:53	00:01:33		
	13	17:38:22	17:38:24	17:39:16	17:39:19	17:39:58	00:00:52	00:01:34		
	14	17:41:34	17:41:36	17:42:27	17:42:30	17:43:10	00:00:51	00:01:34		
	15	17:43:10	17:43:12	17:44:03	17:44:06	17:44:46	00:00:51	00:01:34		
17:45 - 18:00	16	17:46:22	17:46:24	17:47:16	17:47:19	17:47:58	00:00:52	00:01:34	56	224
	17	17:49:28	17:49:30	17:50:27	17:50:30	17:51:10	00:00:57	00:01:40		
	18	17:52:40	17:52:42	17:53:39	17:53:42	17:54:22	00:00:57	00:01:40		
	19	17:55:58	17:56:00	17:56:52	17:56:55	17:57:34	00:00:52	00:01:34		
	20	17:59:04	17:59:06	18:00:04	18:00:07	18:00:46	00:00:58	00:01:40		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	59	236	00:01:32	00:00:52	0	0.00%	
08:15 - 08:30	64	256	00:01:33	00:00:54	0	0.00%	
08:30 - 08:45	58	232	00:01:30	00:00:50	0	0.00%	Average
08:45 - 09:00	72	288	00:01:35	00:00:55	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	55	220	00:01:36	00:00:55	0	0.00%	
17:15 - 17:30	42	168	00:01:34	00:00:53	0	0.00%	
17:30 - 17:45	58	232	00:01:33	00:00:52	0	0.00%	Average
17:45 - 18:00	56	224	00:01:38	00:00:55	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:20	0	0	0	0	0	0	0	0	0	0	06:06:23	0	0	0	0	0	0	0	0	0	0	06:06:46	00:01:16
0	0	0	0	0	0	0	0	0	06:12:44	0	0	0	0	0	0	0	0	0	0	06:12:47	0	0	0	0	0	0	0	0	0	0	06:13:10	00:01:16
0	0	0	0	0	0	0	0	0	06:23:56	0	0	1	0	0	0	0	0	0	1	06:23:59	0	0	0	0	0	0	0	0	0	0	06:24:22	00:01:34
0	0	0	0	0	0	0	0	0	06:30:20	0	0	0	0	0	0	0	0	0	0	06:30:23	0	0	0	0	0	0	0	0	0	0	06:31:09	00:01:03
0	0	0	0	0	0	0	0	0	06:38:20	0	0	0	0	0	0	0	0	0	0	06:38:23	0	0	0	0	0	0	0	0	0	0	06:39:04	00:01:33
0	0	0	0	0	0	0	0	0	06:43:08	0	0	1	0	0	0	0	0	1	1	06:43:11	0	0	0	0	0	0	0	0	0	0	06:43:52	00:01:34
0	0	0	0	0	0	0	0	0	06:48:16	0	0	0	0	0	0	0	0	0	0	06:48:19	0	0	0	0	0	0	0	0	0	0	06:48:40	00:01:52
0	0	0	0	0	0	0	0	0	06:54:20	0	0	0	0	0	0	0	0	0	0	06:54:23	0	0	0	0	0	0	0	0	0	0	06:55:04	00:01:34
0	0	0	0	0	0	0	0	0	06:55:56	0	0	0	0	0	0	0	0	0	0	06:55:59	0	0	0	0	0	0	0	0	0	0	06:56:40	00:01:34
0	0	0	0	0	0	0	0	0	06:57:32	0	0	0	0	0	0	0	0	0	0	06:57:35	0	0	0	0	0	0	0	0	0	0	06:58:17	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 16
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:34	0	0	0	0	0	0	0	0	0	0	06:03:36	5	0	1	0	0	0	1	2	0	9		0	0	0	0	0	0	0	0	0	0		0
2	06:16:22	0	0	0	0	0	0	0	0	0	0	06:16:24	8	0	2	0	0	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
3	06:24:22	0	0	0	0	0	0	0	0	0	0	06:24:24	8	0	3	0	0	0	0	0	0	11		0	0	0	0	0	0	0	0	0	0		0
4	06:27:34	0	0	0	0	0	0	0	0	0	0	06:27:36	9	0	1	1	0	0	0	1	0	12		0	0	0	0	0	0	0	0	0	0		0
5	06:35:52	0	0	0	0	0	0	0	0	0	0	06:35:54	8	1	3	1	0	1	0	0	0	14		0	0	0	0	0	0	0	0	0	0		0
6	06:37:29	0	0	0	0	0	0	0	0	0	0	06:37:31	2	0	0	0	0	0	0	0	0	2	06:37:39	5	0	4	0	0	0	0	0	0	9	06:37:55	0
7	06:43:52	0	0	0	0	0	0	0	0	0	0	06:43:54	5	0	3	1	0	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
8	06:48:40	0	0	0	0	0	0	0	0	0	0	06:48:42	5	0	4	0	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
9	06:50:17	0	0	0	0	0	0	0	0	0	0	06:50:19	1	1	0	0	0	0	0	1	0	2	06:50:22	4	0	5	1	0	0	0	0	0	11	06:50:44	0
10	06:56:40	0	0	0	0	0	0	0	0	0	0	06:56:42	5	0	4	2	0	0	0	0	0	12												0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:39	08:00:41	08:01:36	08:01:39	08:02:13	00:00:55	00:01:32		
2	08:03:56	08:03:58	08:04:49	08:04:52	08:05:33	00:00:51	00:01:35		
3	08:07:09	08:07:11	08:08:00	08:08:03	08:08:37	00:00:46	00:01:26	111	444
4	08:10:20	08:10:22	08:11:13	08:11:16	08:11:57	00:00:51	00:01:35		
5	08:13:34	08:13:38	08:14:24	08:14:27	08:15:00	00:00:56	00:01:32		
6	08:15:00	08:15:02	08:16:00	08:16:03	08:16:37	00:00:58	00:01:35		
7	08:18:13	08:18:15	08:19:14	08:19:17	08:19:57	00:00:59	00:01:42		
8	08:21:31	08:21:35	08:22:24	08:22:27	08:23:08	00:00:49	00:01:33	123	492
9	08:24:44	08:24:46	08:25:38	08:25:41	08:26:17	00:00:52	00:01:31		
10	08:27:56	08:27:58	08:28:48	08:28:51	08:29:24	00:00:50	00:01:26		
11	08:31:09	08:31:11	08:32:01	08:32:04	08:32:45	00:00:50	00:01:34		
12	08:34:18	08:34:20	08:35:13	08:35:16	08:35:48	00:00:53	00:01:28		
13	08:37:33	08:37:35	08:38:24	08:38:27	08:39:02	00:00:49	00:01:27	116	464
14	08:40:43	08:40:45	08:41:36	08:41:39	08:42:13	00:00:51	00:01:28		
15	08:43:57	08:43:59	08:44:48	08:44:51	08:45:32	00:00:49	00:01:33		
16	08:45:32	08:45:34	08:46:24	08:46:27	08:47:00	00:00:50	00:01:26		
17	08:48:37	08:48:39	08:49:39	08:49:42	08:50:20	00:01:00	00:01:41		
18	08:51:57	08:51:59	08:52:49	08:52:52	08:53:32	00:00:50	00:01:33		
19	08:55:01	08:55:03	08:56:01	08:56:04	08:56:37	00:00:58	00:01:34		
20	08:58:13	08:58:15	08:59:13	08:59:16	08:59:57	00:00:58	00:01:42		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:27	17:01:29	17:02:27	17:02:30	17:03:04	00:00:58	00:01:35		
2	17:04:39	17:04:41	17:05:40	17:05:43	17:06:21	00:00:59	00:01:40		
3	17:07:57	17:07:59	17:08:51	17:08:54	17:09:34	00:00:52	00:01:35	94	376
4	17:11:09	17:11:11	17:12:04	17:12:07	17:12:46	00:00:53	00:01:35		
5	17:14:23	17:14:24	17:15:16	17:15:19	17:15:58	00:00:52	00:01:34		
6	17:15:58	17:16:00	17:16:52	17:16:55	17:17:34	00:00:52	00:01:34		
7	17:19:10	17:19:12	17:20:04	17:20:07	17:20:46	00:00:52	00:01:34		
8	17:22:22	17:22:24	17:23:15	17:23:18	17:23:58	00:00:51	00:01:34	92	368
9	17:25:34	17:25:36	17:26:28	17:26:31	17:27:10	00:00:52	00:01:34		
10	17:28:40	17:28:42	17:29:40	17:29:43	17:30:16	00:00:58	00:01:34		
11	17:31:58	17:32:00	17:32:52	17:32:55	17:33:28	00:00:52	00:01:28		
12	17:35:10	17:35:12	17:36:05	17:36:08	17:36:45	00:00:53	00:01:31		
13	17:38:22	17:38:24	17:39:16	17:39:19	17:39:58	00:00:52	00:01:34		
14	17:41:34	17:41:36	17:42:27	17:42:30	17:43:10	00:00:51	00:01:34		
15	17:43:10	17:43:12	17:44:03	17:44:06	17:44:46	00:00:51	00:01:34		
16	17:46:22	17:46:24	17:47:16	17:47:19	17:47:58	00:00:52	00:01:34		
17	17:49:28	17:49:30	17:50:27	17:50:30	17:51:10	00:00:57	00:01:40		
18	17:52:40	17:52:42	17:53:39	17:53:42	17:54:22	00:00:57	00:01:40	85	340
19	17:55:58	17:56:00	17:56:52	17:56:55	17:57:34	00:00:52	00:01:34		
20	17:59:04	17:59:06	18:00:04	18:00:07	18:00:46	00:00:58	00:01:40		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
9	00:00:16	2025	
0	00:00:00	0	
0	00:00:00	0	
11	00:00:22	1718	Average
0	00:00:00	0	1872

DoS (AM Peak)

08:00 - 09:00

Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
111	444	00:01:32	00:00:52	1872	41.65%	
123	492	00:01:33	00:00:54	1872	45.81%	
116	464	00:01:30	00:00:50	1872	44.27%	Average
119	476	00:01:35	00:00:55	1872	43.86%	43.90%

DoS (PM Peak)

17:00 - 18:00

Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
94	376	00:01:36	00:00:55	1872	35.12%	
92	368	00:01:34	00:00:53	1872	34.87%	
84	336	00:01:33	00:00:52	1872	32.09%	Average
85	340	00:01:38	00:00:55	1872	32.12%	33.55%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:44	0	0	0	0	0	0	0	0	0	0	06:04:47	0	0	0	0	0	0	0	0	0	0	06:05:28	00:01:52
0	0	0	0	0	0	0	0	0	06:17:32	0	0	0	0	0	0	0	0	0	0	06:17:35	0	0	0	0	0	0	0	0	0	0	06:17:58	00:01:34
0	0	0	0	0	0	0	0	0	06:25:32	0	0	0	0	0	0	0	0	0	0	06:25:35	0	0	0	0	0	0	0	0	0	0	06:25:58	00:01:34
0	0	0	0	0	0	0	0	0	06:28:45	0	0	0	0	0	0	0	0	0	0	06:28:48	0	0	0	0	0	0	0	0	0	0	06:29:10	00:01:34
0	0	0	0	0	0	0	0	0	06:36:44	0	0	0	0	0	0	0	0	0	0	06:36:47	0	0	0	0	0	0	0	0	0	0	06:37:29	00:01:35
0	1	0	1	0	0	0	0	3	06:38:20	0	0	0	0	0	0	0	0	0	0	06:38:23	0	0	0	0	0	0	0	0	0	0	06:39:04	00:01:33
0	0	0	0	0	0	0	0	0	06:44:44	0	0	0	0	0	0	0	0	0	0	06:44:47	0	0	0	0	0	0	0	0	0	0	06:45:16	00:01:16
0	0	0	0	0	0	0	0	0	06:49:32	0	0	0	0	0	0	0	0	0	0	06:49:35	0	0	0	1	0	0	0	0	0	2	06:50:17	00:01:35
0	0	0	0	0	0	0	0	0	06:51:08	0	0	0	0	0	0	0	0	0	0	06:51:11	0	0	0	0	0	0	0	0	0	0	06:51:44	00:01:25
0	0	0	0	0	0	0	0	0	06:57:32	1	0	0	0	0	0	0	0	0	1	06:57:35	0	0	0	0	0	0	0	0	0	0	06:58:17	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 16
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:13	0	0	0	0	0	0	0	0	0	0	06:03:15	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:16:01	0	0	0	0	0	0	0	0	0	0	06:16:03	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:20:48	0	0	0	0	0	0	0	0	0	0	06:20:50	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:27:12	0	0	0	0	0	0	0	0	0	0	06:27:14	0	0	0	0	1	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:35:13	0	0	0	0	0	0	0	0	0	0	06:35:15	0	0	0	2	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:40:00	0	0	0	0	0	0	0	0	0	0	06:40:02	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:46:25	0	0	0	0	0	0	0	0	0	0	06:46:27	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
8	06:54:24	0	0	0	0	0	0	0	0	0	0	06:54:26	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:56:00	0	0	0	0	0	0	0	0	0	0	06:56:02	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:57:36	0	0	0	0	0	0	0	0	0	0	06:57:38	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:06	08:00:08	08:00:15	08:00:18	08:01:40	00:00:07	00:01:32	38	152
	2	08:03:18	08:03:20	08:03:34	08:03:37	08:04:53	00:00:14	00:01:33		
	3	08:06:28	08:06:30	08:06:45	08:06:48	08:08:04	00:00:15	00:01:34		
	4	08:09:41	08:09:43	08:09:58	08:10:01	08:11:17	00:00:15	00:01:34		
	5	08:12:53	08:12:55	08:13:03	08:13:06	08:14:28	00:00:08	00:01:33		
08:15 - 08:30	6	08:16:05	08:16:07	08:16:14	08:16:17	08:17:40	00:00:07	00:01:33	23	92
	7	08:19:19	08:19:21	08:19:32	08:19:35	08:20:53	00:00:11	00:01:32		
	8	08:22:29	08:22:31	08:22:46	08:22:49	08:24:04	00:00:15	00:01:33		
	9	08:25:42	08:25:44	08:25:54	08:25:57	08:27:17	00:00:10	00:01:33		
	10	08:28:52	08:28:54	08:29:01	08:29:04	08:30:28	00:00:07	00:01:34		
08:30 - 08:45	11	08:32:05	08:32:07	08:32:22	08:32:25	08:33:39	00:00:15	00:01:32	47	188
	12	08:35:17	08:35:19	08:35:26	08:35:29	08:36:53	00:00:07	00:01:34		
	13	08:38:29	08:38:31	08:38:39	08:38:42	08:40:04	00:00:08	00:01:33		
	14	08:41:40	08:41:42	08:41:49	08:41:52	08:43:17	00:00:07	00:01:35		
	15	08:44:52	08:44:54	08:45:10	08:45:13	08:46:29	00:00:16	00:01:35		
08:45 - 09:00	16	08:46:27	08:46:29	08:46:36	08:46:39	08:48:04	00:00:07	00:01:35	43	172
	17	08:49:43	08:49:45	08:49:56	08:49:59	08:51:19	00:00:11	00:01:34		
	18	08:52:53	08:52:55	08:53:10	08:53:13	08:54:29	00:00:15	00:01:34		
	19	08:56:04	08:56:06	08:56:13	08:56:16	08:57:41	00:00:07	00:01:35		
	20	08:59:17	08:59:19	08:59:34	08:59:37	09:00:53	00:00:15	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:55	17:00:57	17:01:04	17:01:07	17:02:32	00:00:07	00:01:35	43	172
	2	17:04:07	17:04:09	17:04:16	17:04:19	17:05:43	00:00:07	00:01:34		
	3	17:07:20	17:07:22	17:07:34	17:07:37	17:08:55	00:00:12	00:01:33		
	4	17:10:31	17:10:33	17:10:44	17:10:47	17:12:08	00:00:11	00:01:35		
	5	17:13:43	17:13:45	17:13:58	17:14:01	17:15:20	00:00:13	00:01:35		
17:15 - 17:30	6	17:15:20	17:15:22	17:15:33	17:15:36	17:16:55	00:00:11	00:01:33	44	176
	7	17:18:32	17:18:32	17:18:46	17:18:49	17:20:07	00:00:14	00:01:35		
	8	17:21:43	17:21:45	17:21:58	17:22:01	17:23:19	00:00:13	00:01:34		
	9	17:24:55	17:24:57	17:25:10	17:25:13	17:26:31	00:00:13	00:01:34		
	10	17:28:07	17:28:09	17:28:16	17:28:19	17:29:42	00:00:07	00:01:33		
17:30 - 17:45	11	17:31:19	17:31:21	17:31:34	17:31:37	17:32:56	00:00:13	00:01:35	52	208
	12	17:34:35	17:34:38	17:34:46	17:34:49	17:36:09	00:00:08	00:01:33		
	13	17:37:43	17:37:45	17:37:58	17:38:01	17:39:20	00:00:13	00:01:35		
	14	17:40:56	17:40:58	17:41:10	17:41:13	17:42:32	00:00:12	00:01:34		
	15	17:44:08	17:44:10	17:44:22	17:44:25	17:45:44	00:00:12	00:01:34		
17:45 - 18:00	16	17:47:19	17:47:21	17:47:35	17:47:38	17:48:56	00:00:14	00:01:35	49	196
	17	17:50:31	17:50:33	17:50:47	17:50:50	17:52:08	00:00:14	00:01:35		
	18	17:53:43	17:53:45	17:53:58	17:54:01	17:55:19	00:00:13	00:01:34		
	19	17:56:55	17:56:57	17:57:10	17:57:13	17:58:31	00:00:13	00:01:34		
	20	17:58:30	17:58:32	17:58:39	17:58:42	18:00:07	00:00:07	00:01:35		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	38	152	00:01:33	00:00:12	0	0.00%	
08:15 - 08:30	23	92	00:01:33	00:00:10	0	0.00%	
08:30 - 08:45	47	188	00:01:34	00:00:11	0	0.00%	Average
08:45 - 09:00	43	172	00:01:34	00:00:11	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	43	172	00:01:34	00:00:10	0	0.00%	
17:15 - 17:30	44	176	00:01:34	00:00:12	0	0.00%	
17:30 - 17:45	52	208	00:01:34	00:00:12	0	0.00%	Average
17:45 - 18:00	49	196	00:01:35	00:00:12	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red												
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:31	0	0	0	0	0	0	0	0	0	0	06:03:34	0	0	0	0	0	0	0	0	0	0	06:04:49	00:01:34
0	0	0	0	0	0	0	0	0	06:16:19	0	0	0	0	0	0	0	0	0	0	06:16:22	0	0	0	0	0	0	0	0	0	0	06:17:36	00:01:13
0	0	0	0	0	0	0	0	0	06:21:08	0	0	0	0	0	0	0	0	0	0	06:21:11	0	0	0	0	0	0	0	0	0	0	06:22:26	00:01:36
0	0	0	0	0	0	0	0	0	06:27:32	0	0	0	0	0	0	0	0	0	0	06:27:35	0	0	0	0	0	0	0	0	0	0	06:28:49	00:01:35
0	0	0	0	0	0	0	0	0	06:35:29	0	0	0	0	0	0	0	0	0	0	06:35:32	0	0	0	0	0	0	0	0	0	0	06:36:49	00:01:34
0	0	0	0	0	0	0	0	0	06:40:18	0	0	0	0	0	0	0	0	0	0	06:40:21	0	0	0	0	0	0	0	0	0	0	06:41:36	00:01:34
0	0	0	0	0	0	0	0	0	06:46:44	0	0	0	0	0	0	0	0	0	0	06:46:47	0	0	0	0	0	0	0	0	0	0	06:49:36	00:03:09
0	0	0	0	0	0	0	0	0	06:54:41	0	0	0	0	0	0	0	0	0	0	06:54:44	0	0	0	0	0	0	0	0	0	0	06:56:00	00:01:34
0	0	0	0	0	0	0	0	0	06:56:17	0	0	0	0	0	0	0	0	0	0	06:56:20	0	0	0	0	0	0	0	0	0	0	06:57:36	00:01:34
0	0	0	0	0	0	0	0	0	06:57:53	0	0	0	0	0	0	0	0	0	0	06:57:56	0	0	0	0	0	0	0	0	0	0	06:59:14	00:01:36

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 16
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:22	0	0	0	0	0	0	0	0	0	0	06:00:24	1	1	0	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:01:50	0	0	0	0	0	0	0	0	0	0	06:01:52	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:03:34	0	0	0	0	0	0	0	0	0	0	06:03:36	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:05:28	0	0	0	0	0	0	0	0	0	0	06:05:30	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:09:58	0	0	0	0	0	0	0	0	0	0	06:10:00	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:13:10	0	0	0	0	0	0	0	0	0	0	06:13:12	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:14:38	0	0	0	0	0	0	0	0	0	0	06:14:40	0	0	1	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:22:46	0	0	0	0	0	0	0	0	0	0	06:22:48	0	0	0	0	0	0	1	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:24:22	0	0	0	0	0	0	0	0	0	0	06:24:24	1	0	0	1	0	0	1	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:25:58	0	0	0	0	0	0	0	0	0	0	06:26:00	0	0	1	0	0	2	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:39	08:00:41	08:01:37	08:01:40	08:02:13	00:00:56	00:01:32	30	120
	2	08:03:56	08:03:58	08:04:49	08:04:52	08:05:33	00:00:51	00:01:35		
	3	08:07:09	08:07:11	08:08:00	08:08:03	08:08:37	00:00:49	00:01:26		
	4	08:10:20	08:10:22	08:11:12	08:11:15	08:11:56	00:00:50	00:01:34		
	5	08:13:36	08:13:38	08:14:24	08:14:27	08:15:00	00:00:56	00:01:32		
08:15 - 08:30	6	08:16:36	08:16:38	08:17:36	08:17:39	08:18:12	00:00:58	00:01:34	35	140
	7	08:19:56	08:19:58	08:20:48	08:20:51	08:21:32	00:00:50	00:01:34		
	8	08:23:08	08:23:10	08:24:00	08:24:03	08:24:44	00:00:50	00:01:34		
	9	08:26:17	08:26:19	08:27:12	08:27:15	08:27:56	00:00:53	00:01:37		
	10	08:29:24	08:29:26	08:30:24	08:30:27	08:31:08	00:00:58	00:01:42		
08:30 - 08:45	11	08:31:08	08:31:10	08:32:00	08:32:03	08:32:44	00:00:50	00:01:34	45	180
	12	08:34:17	08:34:19	08:35:13	08:35:16	08:35:49	00:00:54	00:01:30		
	13	08:37:33	08:37:35	08:38:25	08:38:28	08:39:02	00:00:50	00:01:27		
	14	08:40:44	08:40:46	08:41:37	08:41:40	08:42:12	00:00:51	00:01:26		
	15	08:43:57	08:43:59	08:44:49	08:44:52	08:45:32	00:00:50	00:01:33		
08:45 - 09:00	16	08:47:01	08:47:03	08:48:01	08:48:04	08:48:37	00:00:58	00:01:34	44	176
	17	08:50:20	08:50:22	08:51:15	08:51:18	08:51:57	00:00:53	00:01:35		
	18	08:53:32	08:53:34	08:54:25	08:54:28	08:55:01	00:00:51	00:01:27		
	19	08:56:36	08:56:38	08:57:37	08:57:40	08:58:12	00:00:59	00:01:34		
	20	08:58:12	08:58:14	08:59:13	08:59:16	08:59:56	00:00:59	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:28	17:01:30	17:02:28	17:02:31	17:03:04	00:00:58	00:01:34	57	228
	2	17:04:40	17:04:42	17:05:40	17:05:43	17:06:21	00:00:58	00:01:39		
	3	17:07:57	17:07:59	17:08:51	17:08:54	17:09:33	00:00:52	00:01:34		
	4	17:11:08	17:11:10	17:12:03	17:12:06	17:12:45	00:00:53	00:01:35		
	5	17:14:23	17:14:25	17:15:15	17:15:18	17:15:57	00:00:50	00:01:34		
17:15 - 17:30	6	17:15:57	17:15:59	17:16:51	17:16:54	17:17:33	00:00:52	00:01:34	47	188
	7	17:19:09	17:19:11	17:20:03	17:20:06	17:20:46	00:00:52	00:01:35		
	8	17:22:22	17:22:24	17:23:16	17:23:19	17:23:58	00:00:52	00:01:34		
	9	17:25:34	17:25:36	17:26:27	17:26:30	17:27:10	00:00:51	00:01:34		
	10	17:28:40	17:28:42	17:29:40	17:29:43	17:30:16	00:00:58	00:01:34		
17:30 - 17:45	11	17:30:19	17:30:21	17:31:15	17:31:18	17:31:57	00:00:54	00:01:36	59	236
	12	17:33:27	17:33:29	17:34:31	17:34:34	17:35:09	00:01:02	00:01:40		
	13	17:36:45	17:36:47	17:37:39	17:37:42	17:38:21	00:00:52	00:01:34		
	14	17:39:57	17:39:59	17:40:51	17:40:54	17:41:33	00:00:52	00:01:34		
	15	17:43:09	17:43:11	17:44:04	17:44:07	17:44:45	00:00:53	00:01:34		
17:45 - 18:00	16	17:46:22	17:46:24	17:47:16	17:47:19	17:49:28	00:00:52	00:03:04	64	256
	17	17:51:10	17:51:12	17:52:03	17:52:06	17:52:39	00:00:51	00:01:27		
	18	17:54:22	17:54:24	17:55:15	17:55:18	17:55:58	00:00:51	00:01:34		
	19	17:55:58	17:56:00	17:56:51	17:56:54	17:57:33	00:00:51	00:01:33		
	20	17:59:03	17:59:05	18:00:03	18:00:06	18:00:45	00:00:58	00:01:40		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	30	120	00:01:32	00:00:52	0	0.00%	
08:15 - 08:30	35	140	00:01:36	00:00:54	0	0.00%	
08:30 - 08:45	45	180	00:01:30	00:00:51	0	0.00%	Average
08:45 - 09:00	44	176	00:01:34	00:00:56	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	57	228	00:01:35	00:00:55	0	0.00%	
17:15 - 17:30	47	188	00:01:34	00:00:53	0	0.00%	
17:30 - 17:45	59	236	00:01:36	00:00:55	0	0.00%	Average
17:45 - 18:00	64	256	00:01:52	00:00:53	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:32	0	0	0	0	0	0	0	0	0	0	06:01:35	0	0	0	0	0	0	0	0	0	0	06:01:50	00:01:26
0	0	0	0	0	0	0	0	0	06:03:08	0	0	0	0	0	0	0	0	0	0	06:03:11	0	0	0	0	0	0	0	0	0	0	06:03:34	00:01:42
0	0	0	0	0	0	0	0	0	06:04:44	0	0	0	0	0	0	0	0	0	0	06:04:47	0	0	0	0	0	0	0	0	0	0	06:05:28	00:01:52
0	0	0	0	0	0	0	0	0	06:06:28	0	0	0	0	0	0	0	0	0	0	06:06:23	0	0	0	0	0	0	0	0	0	0	06:06:40	00:01:16
0	0	0	0	0	0	0	0	0	06:11:28	0	0	0	0	0	0	0	0	0	0	06:11:31	0	0	0	0	0	0	0	0	0	0	06:11:52	00:01:52
0	0	0	0	0	0	0	0	0	06:14:20	0	0	0	0	0	0	0	0	0	0	06:14:23	0	0	0	0	0	0	0	0	0	0	06:14:38	00:01:26
0	0	0	0	0	0	0	0	0	06:15:56	0	0	0	0	0	0	0	0	0	0	06:15:59	0	0	0	0	0	0	0	0	0	0	06:16:22	00:01:42
0	0	0	0	0	0	0	0	0	06:23:56	0	0	0	0	0	0	0	0	0	0	06:23:59	0	0	0	0	0	0	0	0	0	0	06:24:22	00:01:34
0	0	0	0	0	0	0	0	0	06:25:32	0	0	0	0	0	0	0	0	0	0	06:25:35	0	0	0	0	0	0	0	0	0	0	06:25:58	00:01:34
0	0	0	0	0	0	0	0	0	06:27:08	0	0	0	0	0	0	0	0	0	0	06:27:11	0	0	0	0	0	0	0	0	0	0	06:27:34	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 16
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:59	0	0	0	0	0	0	0	0	0	0	06:01:52	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:06:47	0	0	0	0	0	0	0	0	0	0	06:06:49	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:19:35	0	0	0	0	0	0	0	0	0	0	06:19:37	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
4	06:34:22	0	0	0	0	0	0	0	0	0	0	06:34:24	6	0	0	0	0	1	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
5	06:32:40	0	0	0	0	0	0	0	0	0	0	06:32:42	10	0	1	0	0	0	0	0	0	11		0	0	0	0	0	0	0	0	0	0		0
6	06:37:29	0	0	0	0	0	0	0	0	0	0	06:37:31	2	0	2	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
7	06:42:17	0	0	0	0	0	0	0	0	0	0	06:42:19	3	1	0	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:45:10	0	0	0	0	0	0	0	0	0	0	06:45:12	3	1	2	0	0	0	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
9	06:51:45	0	0	0	0	0	0	0	0	0	0	06:51:47	3	0	2	1	0	2	0	1	0	11		0	0	0	0	0	0	0	0	0	0		0
10	06:56:40	0	0	0	0	0	0	0	0	0	0	06:56:42	2	0	3	0	0	1	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:39	08:00:41	08:01:37	08:01:40	08:02:13	00:00:56	00:01:32	63	252
	2	08:03:56	08:03:58	08:04:49	08:04:52	08:05:33	00:00:51	00:01:35		
	3	08:07:09	08:07:11	08:08:00	08:08:03	08:08:37	00:00:49	00:01:26		
	4	08:10:20	08:10:22	08:11:12	08:11:15	08:11:56	00:00:50	00:01:34		
	5	08:13:36	08:13:38	08:14:24	08:14:27	08:15:00	00:00:56	00:01:32		
08:15 - 08:30	6	08:16:36	08:16:38	08:17:36	08:17:39	08:18:12	00:00:58	00:01:34	69	276
	7	08:19:56	08:19:58	08:20:48	08:20:51	08:21:32	00:00:50	00:01:34		
	8	08:23:08	08:23:10	08:24:00	08:24:03	08:24:44	00:00:50	00:01:34		
	9	08:26:17	08:26:19	08:27:12	08:27:15	08:27:56	00:00:53	00:01:37		
	10	08:29:24	08:29:26	08:30:24	08:30:27	08:31:08	00:00:58	00:01:42		
08:30 - 08:45	11	08:31:08	08:31:10	08:32:00	08:32:03	08:32:44	00:00:50	00:01:34	54	216
	12	08:34:17	08:34:19	08:35:13	08:35:16	08:35:49	00:00:54	00:01:30		
	13	08:37:33	08:37:35	08:38:25	08:38:28	08:39:02	00:00:50	00:01:27		
	14	08:40:44	08:40:46	08:41:37	08:41:40	08:42:12	00:00:51	00:01:26		
	15	08:43:57	08:43:59	08:44:49	08:44:52	08:45:32	00:00:50	00:01:33		
08:45 - 09:00	16	08:47:01	08:47:03	08:48:01	08:48:04	08:48:37	00:00:58	00:01:34	71	284
	17	08:50:20	08:50:22	08:51:15	08:51:18	08:51:57	00:00:53	00:01:35		
	18	08:53:32	08:53:34	08:54:25	08:54:28	08:55:01	00:00:51	00:01:27		
	19	08:56:36	08:56:38	08:57:37	08:57:40	08:58:12	00:00:59	00:01:34		
	20	08:58:12	08:58:14	08:59:13	08:59:16	08:59:56	00:00:59	00:01:42		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:28	17:01:30	17:02:28	17:02:31	17:03:04	00:00:58	00:01:34	125	500
	2	17:04:40	17:04:42	17:05:40	17:05:43	17:06:21	00:00:58	00:01:39		
	3	17:07:57	17:07:59	17:08:51	17:08:54	17:09:33	00:00:52	00:01:34		
	4	17:11:08	17:11:10	17:12:03	17:12:06	17:12:45	00:00:53	00:01:35		
	5	17:14:23	17:14:25	17:15:15	17:15:18	17:15:57	00:00:53	00:01:34		
17:15 - 17:30	6	17:15:57	17:15:59	17:16:51	17:16:54	17:17:33	00:00:52	00:01:34	105	420
	7	17:19:09	17:19:11	17:20:03	17:20:06	17:20:46	00:00:52	00:01:35		
	8	17:22:22	17:22:24	17:23:16	17:23:19	17:23:58	00:00:52	00:01:34		
	9	17:25:34	17:25:36	17:26:27	17:26:30	17:27:10	00:00:51	00:01:34		
	10	17:28:40	17:28:42	17:29:40	17:29:43	17:30:16	00:00:58	00:01:34		
17:30 - 17:45	11	17:30:19	17:30:21	17:31:15	17:31:18	17:31:57	00:00:54	00:01:36	121	484
	12	17:33:27	17:33:29	17:34:31	17:34:34	17:35:09	00:01:02	00:01:40		
	13	17:36:45	17:36:47	17:37:39	17:37:42	17:38:21	00:00:52	00:01:34		
	14	17:39:57	17:39:59	17:40:51	17:40:54	17:41:33	00:00:52	00:01:34		
	15	17:43:09	17:43:11	17:44:04	17:44:07	17:44:45	00:00:53	00:01:34		
17:45 - 18:00	16	17:46:22	17:46:24	17:47:16	17:47:19	17:49:28	00:00:52	00:03:04	114	456
	17	17:51:10	17:51:12	17:52:03	17:52:06	17:52:39	00:00:51	00:01:27		
	18	17:54:22	17:54:24	17:55:15	17:55:18	17:55:58	00:00:51	00:01:34		
	19	17:55:58	17:56:00	17:56:51	17:56:54	17:57:33	00:00:51	00:01:33		
	20	17:59:03	17:59:05	18:00:03	18:00:06	18:00:45	00:00:58	00:01:40		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	63	252	00:01:32	00:00:52	0	0.00%	
08:15 - 08:30	69	276	00:01:36	00:00:54	0	0.00%	
08:30 - 08:45	54	216	00:01:30	00:00:51	0	0.00%	Average
08:45 - 09:00	71	284	00:01:34	00:00:56	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	125	500	00:01:35	00:00:55	0	0.00%	
17:15 - 17:30	105	420	00:01:34	00:00:53	0	0.00%	
17:30 - 17:45	121	484	00:01:36	00:00:55	0	0.00%	Average
17:45 - 18:00	114	456	00:01:52	00:00:53	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:08	0	0	0	0	0	0	0	0	0	0	06:03:11	0	0	0	0	0	0	0	0	0	0	06:03:34	00:01:42
0	0	0	0	0	0	0	0	0	06:07:57	0	0	0	0	0	0	0	0	0	0	06:08:00	0	0	0	0	0	0	0	0	0	0	06:08:22	00:01:33
0	0	0	0	0	0	0	0	0	06:20:44	0	0	0	0	0	0	0	0	0	0	06:20:47	0	0	0	0	0	0	0	0	0	0	06:21:10	00:01:33
0	0	0	0	0	0	0	0	0	06:29:32	0	0	0	0	0	0	0	0	0	0	06:29:35	0	0	0	0	0	0	0	0	0	0	06:29:58	00:01:34
0	0	0	0	0	0	0	0	0	06:35:08	0	0	0	0	0	0	0	0	0	0	06:35:11	0	0	0	0	0	0	0	0	0	0	06:35:52	00:03:10
0	0	0	0	0	0	0	0	0	06:38:20	0	0	0	0	0	0	0	0	0	0	06:38:23	0	0	0	0	0	0	0	0	0	0	06:39:04	00:01:33
0	0	0	0	0	0	0	0	0	06:43:09	0	0	0	0	0	0	0	0	0	0	06:43:12	0	0	0	0	0	0	0	0	0	0	06:43:53	00:01:34
0	0	0	0	0	0	0	0	0	06:46:21	0	0	0	0	0	0	0	0	0	0	06:46:24	0	0	0	0	0	0	0	0	0	0	06:46:46	00:01:34
0	0	0	0	0	0	0	0	0	06:52:46	0	0	0	0	0	0	0	0	0	0	06:52:49	0	0	0	0	0	0	0	0	0	0	06:53:28	00:01:41
0	0	0	0	0	0	0	0	0	06:57:32	0	0	0	0	0	0	0	0	0	0	06:57:35	0	0	0	0	0	0	0	0	0	0	06:58:16	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 16
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:06:25	0	0	0	0	0	0	0	0	0	0	06:06:27	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:12:48	0	0	0	0	0	0	0	0	0	0	06:12:50	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:22:27	0	0	0	0	0	0	0	0	0	0	06:22:29	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:27:11	0	0	0	0	0	0	0	0	0	0	06:27:13	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:36:47	0	0	0	0	0	0	0	0	0	0	06:36:49	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:40:00	0	0	0	0	0	0	0	0	0	0	06:40:02	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:43:12	0	0	0	0	0	0	0	0	0	0	06:43:14	1	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:49:35	0	0	0	0	0	0	0	0	0	0	06:49:37	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:52:49	0	0	0	0	0	0	0	0	0	0	06:52:51	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:57:37	0	0	0	0	0	0	0	0	0	0	06:57:39	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:05	08:00:07	08:00:14	08:00:17	08:01:41	00:00:07	00:01:34	17	68
	2	08:03:17	08:03:19	08:03:33	08:03:36	08:04:52	00:00:14	00:01:33		
	3	08:06:28	08:06:30	08:06:45	08:06:48	08:08:04	00:00:15	00:01:34		
	4	08:09:40	08:09:42	08:09:57	08:10:00	08:11:16	00:00:15	00:01:34		
	5	08:12:51	08:12:53	08:13:02	08:13:05	08:14:27	00:00:09	00:01:34		
08:15 - 08:30	6	08:16:03	08:16:05	08:16:13	08:16:16	08:17:40	00:00:08	00:01:35	20	80
	7	08:19:18	08:19:20	08:19:33	08:19:36	08:20:52	00:00:13	00:01:32		
	8	08:22:28	08:22:30	08:22:45	08:22:47	08:24:04	00:00:14	00:01:34		
	9	08:25:42	08:25:44	08:25:53	08:25:56	08:27:15	00:00:09	00:01:31		
	10	08:28:52	08:28:54	08:29:01	08:29:04	08:30:28	00:00:07	00:01:34		
08:30 - 08:45	11	08:32:04	08:32:06	08:32:20	08:32:23	08:33:39	00:00:14	00:01:31	33	132
	12	08:35:15	08:35:17	08:35:24	08:35:27	08:36:51	00:00:07	00:01:34		
	13	08:38:28	08:38:30	08:38:38	08:38:41	08:40:04	00:00:08	00:01:34		
	14	08:41:40	08:41:42	08:41:49	08:41:52	08:43:16	00:00:07	00:01:34		
	15	08:43:16	08:43:18	08:43:33	08:43:36	08:44:51	00:00:15	00:01:33		
08:45 - 09:00	16	08:46:27	08:46:29	08:46:36	08:46:39	08:48:03	00:00:07	00:01:34	24	96
	17	08:49:41	08:49:43	08:49:55	08:49:58	08:51:19	00:00:12	00:01:36		
	18	08:52:51	08:52:53	08:53:08	08:53:11	08:54:27	00:00:15	00:01:34		
	19	08:56:03	08:56:05	08:56:12	08:56:15	08:57:40	00:00:07	00:01:35		
	20	08:59:16	08:59:18	08:59:33	08:59:36	09:00:52	00:00:15	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:54	17:00:56	17:01:03	17:01:06	17:02:30	00:00:07	00:01:34	36	144
	2	17:04:05	17:04:07	17:04:14	17:04:17	17:05:42	00:00:07	00:01:35		
	3	17:07:18	17:07:20	17:07:33	17:07:36	17:08:53	00:00:13	00:01:33		
	4	17:10:30	17:10:32	17:10:44	17:10:47	17:12:06	00:00:12	00:01:34		
	5	17:13:41	17:13:44	17:13:57	17:14:00	17:15:16	00:00:13	00:01:34		
17:15 - 17:30	6	17:16:54	17:16:56	17:17:09	17:17:12	17:18:30	00:00:13	00:01:34	38	152
	7	17:18:30	17:18:32	17:18:44	17:18:47	17:20:06	00:00:12	00:01:34		
	8	17:21:42	17:21:44	17:21:57	17:22:00	17:23:18	00:00:13	00:01:34		
	9	17:24:54	17:24:56	17:25:09	17:25:12	17:26:30	00:00:13	00:01:34		
	10	17:28:06	17:28:08	17:28:15	17:28:18	17:29:42	00:00:07	00:01:34		
17:30 - 17:45	11	17:31:18	17:31:20	17:31:33	17:31:36	17:32:54	00:00:13	00:01:34	44	176
	12	17:34:34	17:34:36	17:34:45	17:34:48	17:36:08	00:00:09	00:01:32		
	13	17:36:08	17:36:10	17:36:21	17:36:24	17:37:43	00:00:11	00:01:33		
	14	17:39:18	17:39:20	17:39:33	17:39:36	17:40:53	00:00:13	00:01:33		
	15	17:42:30	17:42:32	17:42:45	17:42:48	17:44:06	00:00:13	00:01:34		
17:45 - 18:00	16	17:45:43	17:45:45	17:45:57	17:46:00	17:47:18	00:00:12	00:01:33	29	116
	17	17:48:54	17:48:56	17:49:03	17:49:06	17:50:31	00:00:07	00:01:35		
	18	17:52:06	17:52:08	17:52:15	17:52:18	17:53:42	00:00:07	00:01:34		
	19	17:53:42	17:53:44	17:53:57	17:54:00	17:55:18	00:00:13	00:01:34		
	20	17:56:54	17:56:56	17:57:09	17:57:12	17:58:30	00:00:13	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	17	68	00:01:34	00:00:12	0	0.00%	
08:15 - 08:30	20	80	00:01:33	00:00:10	0	0.00%	
08:30 - 08:45	33	132	00:01:34	00:00:10	0	0.00%	Average
08:45 - 09:00	24	96	00:01:35	00:00:11	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	36	144	00:01:34	00:00:10	0	0.00%	
17:15 - 17:30	38	152	00:01:34	00:00:12	0	0.00%	
17:30 - 17:45	44	176	00:01:33	00:00:12	0	0.00%	Average
17:45 - 18:00	29	116	00:01:34	00:00:10	0	0.00%	0.00%

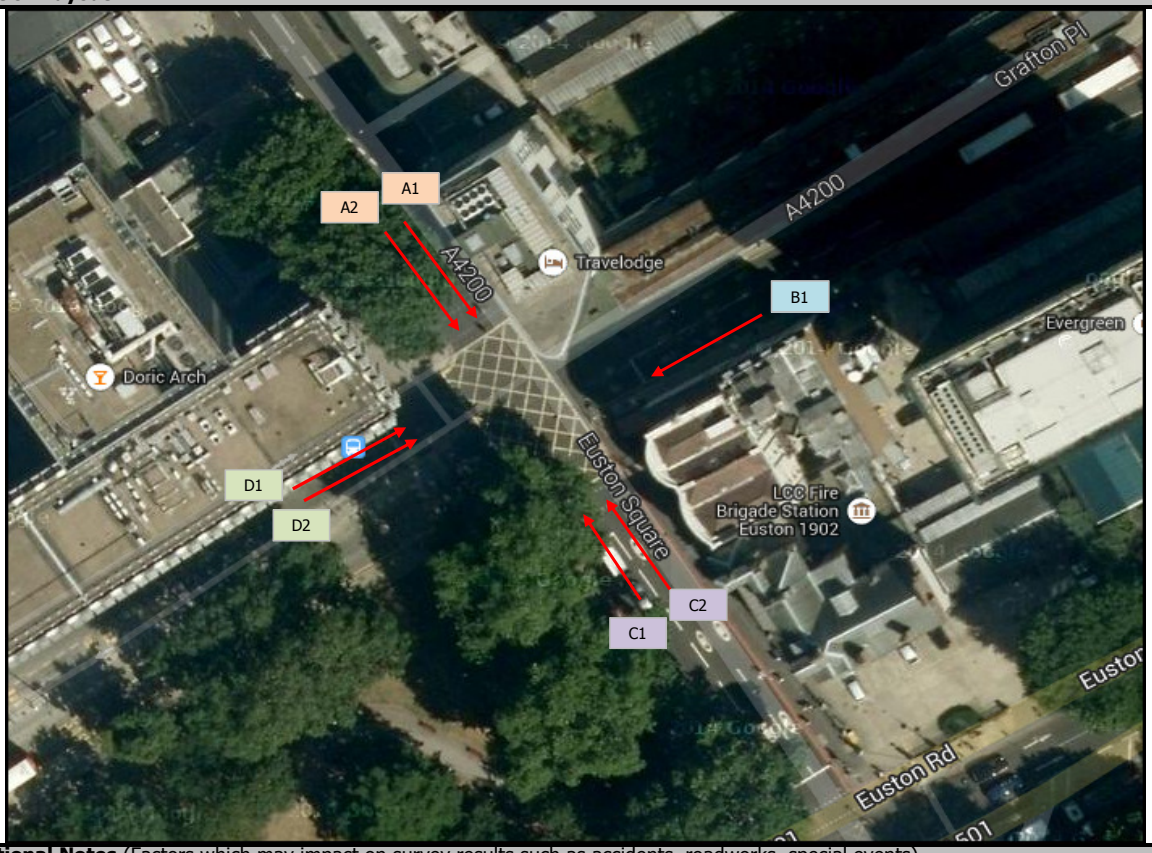
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:44	0	0	0	0	0	0	0	0	0	0	06:06:47	0	0	0	0	0	0	0	0	0	0	06:08:02	00:01:35
0	0	0	0	0	0	0	0	0	06:13:08	0	0	0	0	0	0	0	0	0	0	06:13:11	0	0	0	0	0	0	0	0	0	0	06:14:25	00:01:35
0	0	0	0	0	0	0	0	0	06:22:44	0	0	0	0	0	0	0	0	0	0	06:22:47	0	0	0	0	0	0	0	0	0	0	06:24:01	00:01:32
0	0	0	0	0	0	0	0	0	06:27:31	0	0	0	0	0	0	0	0	0	0	06:27:34	0	0	0	0	0	0	0	0	0	0	06:28:48	00:01:33
0	0	0	0	0	0	0	0	0	06:37:06	0	0	0	0	0	0	0	0	0	0	06:37:09	0	0	0	0	0	0	0	0	0	0	06:38:25	00:01:36
0	0	0	0	0	0	0	0	0	06:40:18	0	0	0	0	0	0	0	0	0	0	06:40:21	0	0	0	0	0	0	0	0	0	0	06:41:36	00:01:34
0	0	0	0	0	0	0	0	0	06:43:29	0	0	0	0	0	0	0	0	0	0	06:43:32	0	0	0	0	0	0	0	0	0	0	06:44:47	00:01:33
0	0	0	0	0	0	0	0	0	06:49:53	0	0	0	0	0	0	0	0	0	0	06:49:56	0	0	0	0	0	0	0	0	0	0	06:51:11	00:01:34
0	0	0	0	0	0	0	0	0	06:53:04	0	0	0	0	0	0	0	0	0	0	06:53:07	0	0	0	0	0	0	0	0	0	0	06:54:24	00:01:33
0	0	0	0	0	0	0	0	0	06:57:52	0	0	0	0	0	0	0	0	0	0	06:57:55	0	0	0	0	0	0	0	0	0	0	06:59:11	00:01:32

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 21
Date of Survey: 12.06.2014
Junction Name: Eversholt Street / Grafton Place / Churchway
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.527856	-0.13137	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

D1/2 are for buses only. Saturation flow surveys were not completed here.

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 21
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:24	0	0	0	0	0	0	0	0	0	0	06:02:26	2	0	1	0	0	0	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
2	06:14:56	0	0	0	0	0	0	0	0	0	0	06:14:58	1	0	1	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:19:31	0	0	0	0	0	0	0	0	0	0	06:19:33	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
4	06:22:39	0	0	0	0	0	0	0	0	0	0	06:22:37	2	0	1	1	0	0	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0
5	06:27:43	0	0	0	0	0	2	0	0	0	0	06:27:45	2	0	2	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
6	06:32:19	0	0	0	0	0	0	0	0	0	0	06:32:21	3	0	2	1	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
7	06:38:44	0	0	0	0	0	0	0	0	0	0	06:38:46	4	0	3	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
8	06:42:01	0	0	0	0	0	0	0	0	0	0	06:42:03	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:48:12	0	0	0	0	0	0	0	0	0	0	06:48:14	4	0	1	0	0	0	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0
10	06:54:55	0	0	0	0	0	0	0	0	0	0	06:54:57	3	0	0	1	0	0	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:37	08:00:39	08:00:56	08:00:59	08:01:57	00:00:17	00:01:18	53	212
	2	08:03:44	08:03:46	08:04:09	08:04:12	08:05:22	00:00:23	00:01:36		
	3	08:07:03	08:07:05	08:07:27	08:07:30	08:08:44	00:00:22	00:01:39		
	4	08:10:12	08:10:14	08:10:40	08:10:43	08:11:54	00:00:26	00:01:40		
	5	08:13:27	08:13:29	08:13:48	08:13:51	08:15:05	00:00:19	00:01:36		
08:15 - 08:30	6	08:16:36	08:16:38	08:16:59	08:17:02	08:18:18	00:00:21	00:01:40	52	208
	7	08:19:46	08:19:48	08:20:14	08:20:17	08:21:30	00:00:26	00:01:42		
	8	08:23:06	08:23:08	08:23:26	08:23:29	08:24:42	00:00:18	00:01:34		
	9	08:26:11	08:26:13	08:26:36	08:26:39	08:27:48	00:00:23	00:01:35		
	10	08:27:48	08:27:50	08:28:12	08:28:15	08:29:31	00:00:22	00:01:41		
08:30 - 08:45	11	08:31:03	08:31:05	08:31:26	08:31:29	08:32:45	00:00:21	00:01:40	51	204
	12	08:34:16	08:34:18	08:34:43	08:34:46	08:35:58	00:00:25	00:01:40		
	13	08:39:03	08:39:05	08:39:32	08:39:35	08:40:40	00:00:27	00:01:35		
	14	08:42:21	08:42:23	08:42:44	08:42:47	08:43:52	00:00:21	00:01:29		
	15	08:43:52	08:43:54	08:44:17	08:44:20	08:45:33	00:00:23	00:01:39		
08:45 - 09:00	16	08:45:33	08:45:35	08:45:55	08:45:58	08:47:07	00:00:20	00:01:32	62	248
	17	08:48:45	08:48:47	08:49:03	08:49:06	08:50:21	00:00:16	00:01:34		
	18	08:51:51	08:51:53	08:52:13	08:52:16	08:53:24	00:00:20	00:01:31		
	19	08:55:08	08:55:10	08:55:29	08:55:32	08:56:43	00:00:19	00:01:33		
	20	08:58:15	08:58:17	08:58:44	08:58:47	08:59:54	00:00:27	00:01:37		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:35	17:01:37	17:01:50	17:01:53	17:03:11	00:00:13	00:01:34	38	152
	2	17:04:45	17:04:47	17:05:09	17:05:12	17:06:24	00:00:22	00:01:37		
	3	17:08:04	17:08:06	17:08:20	17:08:23	17:09:35	00:00:14	00:01:29		
	4	17:11:11	17:11:13	17:11:36	17:11:39	17:12:51	00:00:23	00:01:38		
	5	17:12:51	17:12:53	17:13:12	17:13:15	17:14:27	00:00:19	00:01:34		
17:15 - 17:30	6	17:15:58	17:16:00	17:16:27	17:16:30	17:17:41	00:00:27	00:01:41	54	216
	7	17:19:14	17:19:16	17:19:40	17:19:43	17:20:54	00:00:24	00:01:38		
	8	17:22:25	17:22:27	17:22:53	17:22:56	17:24:02	00:00:26	00:01:35		
	9	17:25:37	17:25:39	17:25:58	17:26:01	17:27:18	00:00:19	00:01:39		
	10	17:27:18	17:27:20	17:27:47	17:27:50	17:29:05	00:00:27	00:01:45		
17:30 - 17:45	11	17:31:01	17:31:03	17:31:26	17:31:29	17:32:50	00:00:23	00:01:47	38	152
	12	17:34:42	17:34:44	17:35:11	17:35:14	17:36:34	00:00:27	00:01:50		
	13	17:38:28	17:38:30	17:38:57	17:39:00	17:40:18	00:00:27	00:01:48		
	14	17:40:18	17:40:20	17:40:51	17:40:54	17:42:12	00:00:31	00:01:53		
	15	17:42:12	17:42:14	17:42:35	17:42:38	17:44:01	00:00:21	00:01:47		
17:45 - 18:00	16	17:46:00	17:46:02	17:46:29	17:46:32	17:47:52	00:00:27	00:01:50	45	180
	17	17:49:44	17:49:46	17:50:04	17:50:07	17:51:24	00:00:18	00:01:38		
	18	17:53:28	17:53:30	17:53:51	17:53:54	17:55:14	00:00:21	00:01:44		
	19	17:55:14	17:55:16	17:55:44	17:55:47	17:57:12	00:00:28	00:01:56		
	20	17:57:12	17:57:14	17:57:31	17:57:34	17:59:06	00:00:17	00:01:52		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	53	212	00:01:34	00:00:21	0	0.00%	
08:15 - 08:30	52	208	00:01:38	00:00:22	0	0.00%	
08:30 - 08:45	51	204	00:01:37	00:00:23	0	0.00%	Average
08:45 - 09:00	62	248	00:01:33	00:00:20	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	38	152	00:01:34	00:00:18	0	0.00%	
17:15 - 17:30	54	216	00:01:40	00:00:25	0	0.00%	
17:30 - 17:45	38	152	00:01:49	00:00:26	0	0.00%	Average
17:45 - 18:00	45	180	00:01:48	00:00:22	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:55	0	0	0	0	0	0	0	0	0	0	06:02:58	0	0	0	0	0	0	0	0	0	0	06:04:08	00:01:42
0	0	0	0	0	0	0	0	0	06:15:11	0	0	0	0	0	0	0	0	0	0	06:15:14	0	0	0	0	0	0	0	0	0	0	06:16:18	00:01:20
0	0	0	0	0	0	0	0	0	06:19:59	0	0	0	0	0	0	0	0	0	0	06:20:02	0	0	0	0	0	0	0	0	0	0	06:21:19	00:01:46
0	0	0	0	0	0	0	0	0	06:23:16	0	0	0	0	0	0	0	0	0	0	06:23:22	0	0	0	0	0	0	0	0	0	0	06:24:20	00:01:43
0	0	0	0	0	0	0	0	0	06:28:03	0	0	0	0	0	0	0	0	0	0	06:28:06	0	0	0	0	0	0	0	0	0	0	06:29:19	00:01:34
0	0	0	0	0	0	0	0	0	06:32:49	0	0	0	0	0	0	0	0	0	0	06:32:52	0	0	0	0	0	0	0	0	0	0	06:33:50	00:01:29
0	0	0	0	0	0	0	0	0	06:39:15	0	0	0	0	0	0	0	0	0	0	06:39:18	0	0	0	0	0	0	0	0	0	0	06:40:29	00:01:43
0	0	0	0	0	0	0	0	0	06:42:28	0	0	0	0	0	0	0	0	0	0	06:42:31	0	0	0	0	0	0	0	0	0	0	06:43:31	00:01:28
0	0	0	0	0	0	0	0	0	06:48:55	0	0	0	0	0	0	0	0	0	0	06:48:58	0	0	0	0	0	0	0	0	0	0	06:50:03	00:01:49
0	0	0	0	0	0	0	0	0	06:55:12	0	0	0	0	0	0	0	0	0	0	06:55:15	0	0	0	0	0	0	0	0	0	0	06:56:31	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 21
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:08:24	0	0	0	0	0	0	0	0	0	0	06:08:26	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:11:29	0	0	0	0	0	0	0	0	0	0	06:11:31	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:17:59	0	0	0	0	0	0	0	0	0	0	06:18:01	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:24:20	0	0	0	0	0	0	0	0	0	0	06:24:22	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:29:19	0	0	0	0	0	0	0	0	0	0	06:29:21	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:35:38	0	0	0	0	0	0	0	0	0	0	06:35:40	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
7	06:45:13	0	0	0	0	0	0	0	0	0	0	06:45:15	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:50:03	0	0	0	0	0	0	0	0	0	0	06:50:05	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:53:19	0	0	0	0	0	0	0	0	0	0	06:53:21	0	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:58:07	0	0	0	0	0	0	0	0	0	0	06:58:09	0	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:37	08:00:39	08:00:56	08:00:59	08:01:57	00:00:17	00:01:18	10	40
	2	08:03:44	08:03:46	08:04:09	08:04:12	08:05:22	00:00:23	00:01:36		
	3	08:07:03	08:07:05	08:07:27	08:07:30	08:08:44	00:00:22	00:01:39		
	4	08:10:12	08:10:14	08:10:40	08:10:43	08:11:54	00:00:26	00:01:40		
	5	08:13:27	08:13:29	08:13:48	08:13:51	08:15:05	00:00:19	00:01:36		
08:15 - 08:30	6	08:16:36	08:16:38	08:16:59	08:17:02	08:18:18	00:00:21	00:01:40	13	52
	7	08:19:46	08:19:48	08:20:14	08:20:17	08:21:30	00:00:26	00:01:42		
	8	08:23:06	08:23:08	08:23:26	08:23:29	08:24:42	00:00:18	00:01:34		
	9	08:26:11	08:26:13	08:26:36	08:26:39	08:27:48	00:00:23	00:01:35		
	10	08:27:48	08:27:50	08:28:12	08:28:15	08:29:31	00:00:22	00:01:41		
08:30 - 08:45	11	08:31:03	08:31:05	08:31:26	08:31:29	08:32:45	00:00:21	00:01:40	7	28
	12	08:34:16	08:34:18	08:34:43	08:34:46	08:35:58	00:00:25	00:01:40		
	13	08:39:03	08:39:05	08:39:32	08:39:35	08:40:40	00:00:27	00:01:35		
	14	08:42:21	08:42:23	08:42:44	08:42:47	08:43:52	00:00:21	00:01:29		
	15	08:43:52	08:43:54	08:44:17	08:44:20	08:45:33	00:00:23	00:01:39		
08:45 - 09:00	16	08:45:33	08:45:35	08:45:55	08:45:58	08:47:07	00:00:20	00:01:32	8	32
	17	08:48:45	08:48:47	08:49:03	08:49:06	08:50:21	00:00:16	00:01:34		
	18	08:51:51	08:51:53	08:52:13	08:52:16	08:53:24	00:00:20	00:01:31		
	19	08:55:08	08:55:10	08:55:29	08:55:32	08:56:43	00:00:19	00:01:33		
	20	08:58:15	08:58:17	08:58:44	08:58:47	08:59:54	00:00:27	00:01:37		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:35	17:01:37	17:01:50	17:01:53	17:03:11	00:00:13	00:01:34	8	32
	2	17:04:45	17:04:47	17:05:09	17:05:12	17:06:24	00:00:22	00:01:37		
	3	17:08:04	17:08:06	17:08:20	17:08:23	17:09:35	00:00:14	00:01:29		
	4	17:11:11	17:11:13	17:11:36	17:11:39	17:12:51	00:00:23	00:01:38		
	5	17:14:33	17:14:35	17:15:01	17:15:04	17:16:17	00:00:26	00:01:43		
17:15 - 17:30	6	17:15:58	17:16:00	17:16:27	17:16:30	17:17:41	00:00:27	00:01:43	9	36
	7	17:19:14	17:19:16	17:19:40	17:19:43	17:20:54	00:00:24	00:01:38		
	8	17:22:25	17:22:27	17:22:53	17:22:56	17:24:02	00:00:26	00:01:35		
	9	17:25:37	17:25:39	17:25:58	17:26:01	17:27:18	00:00:19	00:01:39		
	10	17:27:18	17:27:20	17:27:47	17:27:50	17:29:05	00:00:27	00:01:45		
17:30 - 17:45	11	17:31:01	17:31:03	17:31:26	17:31:29	17:32:50	00:00:23	00:01:47	5	20
	12	17:34:42	17:34:44	17:35:11	17:35:14	17:36:34	00:00:27	00:01:50		
	13	17:38:28	17:38:30	17:38:57	17:39:00	17:40:18	00:00:27	00:01:48		
	14	17:40:18	17:40:20	17:40:51	17:40:54	17:42:12	00:00:31	00:01:52		
	15	17:42:12	17:42:14	17:42:35	17:42:38	17:44:01	00:00:21	00:01:47		
17:45 - 18:00	16	17:46:00	17:46:02	17:46:29	17:46:32	17:47:52	00:00:27	00:01:50	9	36
	17	17:49:44	17:49:46	17:50:04	17:50:07	17:51:24	00:00:18	00:01:38		
	18	17:53:28	17:53:30	17:53:51	17:53:54	17:55:14	00:00:21	00:01:44		
	19	17:55:14	17:55:16	17:55:44	17:55:47	17:57:12	00:00:28	00:01:56		
	20	17:57:12	17:57:14	17:57:31	17:57:34	17:59:06	00:00:17	00:01:52		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	10	40	00:01:34	00:00:21	0	0.00%	
08:15 - 08:30	13	52	00:01:38	00:00:22	0	0.00%	
08:30 - 08:45	7	28	00:01:37	00:00:23	0	0.00%	Average
08:45 - 09:00	8	32	00:01:33	00:00:20	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	8	32	00:01:34	00:00:18	0	0.00%	
17:15 - 17:30	9	36	00:01:40	00:00:25	0	0.00%	
17:30 - 17:45	5	20	00:01:49	00:00:26	0	0.00%	Average
17:45 - 18:00	9	36	00:01:48	00:00:22	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:08:51	0	0	0	0	0	0	0	0	0	0	06:08:54	0	0	0	0	0	0	0	0	0	0	06:09:47	00:01:21
0	0	0	0	0	0	0	0	0	06:12:02	0	0	0	0	0	0	0	0	0	0	06:12:05	0	0	0	0	0	0	0	0	0	0	06:13:18	00:01:47
0	0	0	0	0	0	0	0	0	06:18:26	0	0	0	0	0	0	0	0	0	0	06:18:29	0	0	0	0	0	0	0	0	0	0	06:19:31	00:01:30
0	0	0	0	0	0	0	0	0	06:24:47	0	0	0	0	0	0	0	0	0	0	06:24:50	0	0	0	0	0	0	0	0	0	0	06:26:07	00:01:45
0	0	0	0	0	0	0	0	0	06:29:37	0	0	0	0	0	0	0	0	0	0	06:29:40	0	0	0	0	0	0	0	0	0	0	06:30:55	00:01:34
0	0	0	0	0	0	0	0	0	06:36:05	0	0	0	0	0	0	0	0	0	0	06:36:08	0	0	0	0	0	0	0	0	0	0	06:37:16	00:01:36
0	0	0	0	0	0	0	0	0	06:45:40	0	0	0	0	0	0	0	0	0	0	06:45:43	0	0	0	0	0	0	0	0	0	0	06:46:55	00:00:60
0	0	0	0	0	0	0	0	0	06:50:27	0	0	0	0	0	0	0	0	0	0	06:50:30	0	0	0	0	0	0	0	0	0	0	06:51:43	00:01:38
0	0	0	0	0	0	0	0	0	06:53:37	0	0	0	0	0	0	0	0	0	0	06:53:40	0	0	0	0	0	0	0	0	0	0	06:54:55	00:01:34
0	0	0	0	0	0	0	0	0	06:58:20	0	0	0	0	0	0	0	0	0	0	06:58:23	0	0	0	0	0	0	0	0	0	0	06:59:35	00:01:26

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Site Number: Site 21
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:04	0	0	0	0	0	0	0	0	0	0	06:03:06	0	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:10:38	0	0	0	0	0	0	0	0	0	0	06:10:40	2	0	1	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	1	0		0
3	06:15:24	0	0	0	0	0	0	0	0	0	0	06:15:26	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:20:08	0	0	0	0	0	0	0	0	0	0	06:20:10	0	1	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:24:56	0	0	0	0	0	0	0	0	0	0	06:24:58	1	0	0	0	0	2	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:37:50	0	0	0	0	0	0	0	0	0	0	06:37:52	0	0	2	0	0	0	1	0	0	4		0	0	0	0	0	0	0	0	0	0		0
7	06:42:37	0	0	0	0	0	0	0	0	0	0	06:42:39	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:45:49	0	0	0	0	0	0	0	0	0	0	06:45:51	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:50:36	0	0	0	0	0	0	0	0	0	0	06:50:38	0	0	2	1	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:53:46	0	0	0	0	0	0	0	0	0	0	06:53:48	1	0	1	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:04	08:01:06	08:01:19	08:01:22	08:02:42	00:00:13	00:01:36	31	124
	2	08:04:18	08:04:20	08:04:32	08:04:35	08:06:03	00:00:12	00:01:43		
	3	08:07:35	08:07:37	08:07:54	08:07:57	08:09:11	00:00:17	00:01:34		
	4	08:10:49	08:10:51	08:11:04	08:11:07	08:12:27	00:00:13	00:01:36		
	5	08:12:27	08:12:29	08:12:37	08:12:40	08:13:57	00:00:08	00:01:28		
08:15 - 08:30	6	08:15:34	08:15:36	08:15:46	08:15:49	08:17:07	00:00:10	00:01:31	45	180
	7	08:18:47	08:18:49	08:18:56	08:18:59	08:20:23	00:00:07	00:01:34		
	8	08:21:59	08:22:01	08:22:16	08:22:19	08:23:35	00:00:15	00:01:34		
	9	08:25:08	08:25:10	08:25:21	08:25:24	08:26:45	00:00:11	00:01:35		
	10	08:26:45	08:26:47	08:26:58	08:27:01	08:28:20	00:00:11	00:01:33		
08:30 - 08:45	11	08:30:02	08:30:04	08:30:14	08:30:17	08:31:34	00:00:10	00:01:30	39	156
	12	08:33:14	08:33:16	08:33:26	08:33:29	08:34:52	00:00:10	00:01:36		
	13	08:37:59	08:38:01	08:38:13	08:38:16	08:39:41	00:00:12	00:01:40		
	14	08:41:14	08:41:16	08:41:31	08:41:34	08:42:52	00:00:15	00:01:36		
	15	08:42:52	08:42:54	08:43:02	08:43:05	08:44:25	00:00:08	00:01:33		
08:45 - 09:00	16	08:46:04	08:46:06	08:46:17	08:46:20	08:47:37	00:00:11	00:01:33	39	156
	17	08:49:11	08:49:13	08:49:31	08:49:34	08:50:47	00:00:18	00:01:36		
	18	08:54:01	08:54:03	08:54:17	08:54:20	08:55:37	00:00:14	00:01:34		
	19	08:55:37	08:55:39	08:55:53	08:55:56	08:57:11	00:00:14	00:01:32		
	20	08:57:11	08:57:13	08:57:25	08:57:28	08:58:52	00:00:12	00:01:39		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:27	17:00:29	17:00:43	17:00:46	17:01:55	00:00:14	00:01:28	44	176
	2	17:03:12	17:03:34	17:03:53	17:03:56	17:05:15	00:00:19	00:01:41		
	3	17:06:55	17:06:57	17:07:13	17:07:16	17:08:26	00:00:16	00:01:29		
	4	17:10:07	17:10:09	17:10:21	17:10:24	17:11:43	00:00:12	00:01:34		
	5	17:13:20	17:13:22	17:13:36	17:13:39	17:14:53	00:00:14	00:01:31		
17:15 - 17:30	6	17:16:35	17:16:37	17:16:50	17:16:53	17:18:14	00:00:13	00:01:37	21	84
	7	17:19:45	17:19:47	17:20:03	17:20:06	17:21:23	00:00:16	00:01:36		
	8	17:21:23	17:21:25	17:21:33	17:21:36	17:23:02	00:00:08	00:01:37		
	9	17:24:13	17:24:35	17:24:46	17:24:49	17:26:10	00:00:11	00:01:35		
	10	17:27:58	17:28:00	17:28:07	17:28:10	17:29:46	00:00:07	00:01:46		
17:30 - 17:45	11	17:31:12	17:31:14	17:31:52	17:31:55	17:33:21	00:00:18	00:01:47	37	148
	12	17:35:16	17:35:18	17:35:35	17:35:38	17:37:10	00:00:17	00:01:52		
	13	17:37:10	17:37:12	17:37:29	17:37:32	17:39:02	00:00:17	00:01:50		
	14	17:40:56	17:40:58	17:41:13	17:41:16	17:42:41	00:00:15	00:01:43		
	15	17:42:41	17:42:43	17:43:02	17:43:05	17:44:42	00:00:19	00:01:59		
17:45 - 18:00	16	17:46:34	17:46:36	17:46:53	17:46:56	17:48:15	00:00:17	00:01:39	48	192
	17	17:50:09	17:50:11	17:50:25	17:50:28	17:52:06	00:00:14	00:01:55		
	18	17:52:06	17:52:08	17:52:29	17:52:32	17:53:56	00:00:21	00:01:48		
	19	17:55:49	17:55:51	17:56:13	17:56:16	17:57:36	00:00:22	00:01:45		
	20	17:57:36	17:57:38	17:58:07	17:58:10	17:59:28	00:00:29	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	31	124	00:01:35	00:00:13	0	0.00%	
08:15 - 08:30	45	180	00:01:33	00:00:11	0	0.00%	
08:30 - 08:45	39	156	00:01:31	00:00:11	0	0.00%	Average
08:45 - 09:00	39	156	00:01:34	00:00:14	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	44	176	00:01:32	00:00:15	0	0.00%	
17:15 - 17:30	21	84	00:01:38	00:00:11	0	0.00%	
17:30 - 17:45	37	148	00:01:50	00:00:17	0	0.00%	Average
17:45 - 18:00	48	192	00:01:47	00:00:21	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:18	0	0	0	0	0	0	0	0	0	0	06:03:21	0	0	0	0	0	0	0	0	0	0	06:04:34	00:01:28
0	0	0	0	0	0	0	0	0	06:10:51	0	0	0	0	0	0	0	0	0	0	06:10:54	0	0	0	0	0	0	0	0	1	0	06:12:11	00:01:31
0	0	0	0	0	0	0	0	0	06:15:40	0	0	0	0	0	0	0	0	0	0	06:15:43	0	0	0	0	0	0	0	0	0	0	06:16:58	00:01:32
0	0	0	0	0	0	0	0	0	06:20:29	0	0	0	0	0	0	0	0	0	0	06:20:32	0	0	0	0	0	0	0	0	0	0	06:21:44	00:01:34
0	0	0	0	0	0	0	0	0	06:25:17	0	0	0	0	0	0	0	0	0	0	06:25:20	0	0	0	0	0	0	0	0	0	0	06:26:25	00:01:27
0	0	0	0	0	0	0	0	0	06:38:06	0	0	0	0	0	0	0	0	0	0	06:38:09	0	0	0	0	0	0	0	0	0	0	06:39:24	00:01:32
0	0	0	0	0	0	0	0	0	06:42:53	0	0	0	0	0	0	0	0	0	0	06:42:56	0	0	0	0	0	0	0	0	0	0	06:44:09	00:01:30
0	0	0	0	0	0	0	0	0	06:46:05	0	0	0	0	0	0	0	0	0	0	06:46:08	0	0	0	0	0	0	0	0	0	0	06:47:25	00:01:34
0	0	0	0	0	0	0	0	0	06:50:53	0	0	0	0	0	0	0	0	0	0	06:50:56	0	0	0	0	0	0	0	0	0	0	06:52:16	00:01:38
0	0	0	0	0	0	0	0	0	06:54:05	0	0	0	0	0	0	0	0	0	0	06:54:08	0	0	0	0	0	0	0	0	0	0	06:55:21	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 21
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:13:18	0	0	0	0	0	0	0	0	0	0	06:13:20	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
2	06:14:55	0	0	0	0	0	0	0	0	0	0	06:14:57	0	0	0	0	0	2	0	0	2	4		0	0	0	0	0	0	0	0	0	0		0
3	06:19:31	0	0	0	0	0	0	0	0	0	0	06:19:33	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:24:18	0	0	0	0	0	0	0	0	0	0	06:24:20	4	0	0	0	0	0	1	0	0	6		0	0	0	0	0	0	0	0	0	0		0
5	06:27:42	0	0	0	0	0	0	0	0	0	0	06:27:44	1	0	0	0	0	2	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0
6	06:32:19	0	0	0	0	0	0	0	0	0	0	06:32:21	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:35:37	0	0	0	0	0	0	0	0	0	0	06:35:39	1	0	0	0	0	1	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
8	06:40:28	0	0	0	0	0	0	0	0	0	0	06:40:30	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:51:43	0	0	0	0	0	0	0	0	0	0	06:51:45	1	0	0	0	0	1	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
10	06:56:30	0	0	0	0	0	0	0	0	0	0	06:56:32	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:36	08:00:38	08:00:59	08:01:02	08:01:56	00:00:21	00:01:18		
2	08:03:43	08:03:45	08:04:12	08:04:15	08:05:21	00:00:27	00:01:36		
3	08:07:02	08:07:04	08:07:30	08:07:33	08:08:43	00:00:26	00:01:39	19	76
4	08:10:11	08:10:13	08:10:43	08:10:46	08:11:53	00:00:30	00:01:40		
5	08:13:26	08:13:28	08:13:51	08:13:54	08:15:04	00:00:23	00:01:36		
6	08:16:35	08:16:37	08:17:02	08:17:05	08:18:17	00:00:25	00:01:40		
7	08:19:45	08:19:47	08:20:17	08:20:20	08:21:29	00:00:30	00:01:42		
8	08:23:01	08:23:07	08:23:29	08:23:32	08:25:41	00:00:22	00:01:24	17	68
9	08:26:10	08:26:12	08:26:39	08:26:42	08:27:47	00:00:27	00:01:35		
10	08:27:47	08:27:49	08:28:15	08:28:18	08:29:30	00:00:26	00:01:41		
11	08:31:03	08:31:05	08:31:29	08:31:32	08:32:44	00:00:24	00:01:29		
12	08:34:15	08:34:17	08:34:46	08:34:49	08:35:56	00:00:29	00:01:39		
13	08:37:32	08:37:34	08:37:53	08:37:56	08:39:02	00:00:19	00:01:28	26	104
14	08:40:39	08:40:41	08:41:08	08:41:11	08:42:20	00:00:27	00:01:39		
15	08:43:51	08:43:53	08:44:20	08:44:23	08:45:32	00:00:27	00:01:39		
16	08:47:06	08:47:08	08:47:32	08:47:35	08:48:44	00:00:24	00:01:36		
17	08:50:20	08:50:22	08:50:41	08:50:44	08:51:50	00:00:19	00:01:28		
18	08:53:22	08:53:24	08:53:50	08:53:59	08:55:06	00:00:32	00:01:42		
19	08:55:06	08:55:08	08:55:32	08:55:35	08:56:42	00:00:24	00:01:34		
20	08:58:13	08:58:15	08:58:47	08:58:50	08:59:52	00:00:32	00:01:37		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:30	17:01:32	17:01:49	17:01:52	17:03:06	00:00:17	00:01:34		
2	17:04:40	17:04:42	17:05:10	17:05:13	17:06:19	00:00:28	00:01:37		
3	17:07:59	17:08:01	17:08:21	17:08:24	17:09:30	00:00:20	00:01:29	21	84
4	17:09:30	17:09:32	17:10:01	17:10:04	17:11:07	00:00:29	00:01:35		
5	17:12:49	17:12:49	17:13:15	17:13:18	17:14:27	00:00:26	00:01:38		
6	17:15:54	17:15:56	17:16:29	17:16:32	17:17:37	00:00:33	00:01:43		
7	17:19:10	17:19:12	17:19:39	17:19:42	17:20:50	00:00:27	00:01:38		
8	17:22:20	17:22:22	17:22:56	17:22:59	17:23:58	00:00:34	00:01:36	15	60
9	17:25:31	17:25:35	17:26:04	17:26:07	17:27:14	00:00:29	00:01:39		
10	17:27:14	17:27:16	17:27:51	17:27:54	17:29:01	00:00:35	00:01:45		
11	17:30:56	17:30:58	17:31:27	17:31:30	17:32:45	00:00:29	00:01:47		
12	17:34:27	17:34:39	17:35:11	17:35:14	17:36:29	00:00:32	00:01:50		
13	17:38:23	17:38:25	17:38:56	17:38:59	17:40:13	00:00:31	00:01:48	9	36
14	17:40:13	17:40:15	17:40:50	17:40:53	17:42:07	00:00:35	00:01:52		
15	17:42:07	17:42:09	17:42:36	17:42:39	17:43:56	00:00:27	00:01:47		
16	17:45:55	17:45:57	17:46:29	17:46:32	17:47:47	00:00:32	00:01:50		
17	17:49:39	17:49:41	17:50:04	17:50:07	17:51:20	00:00:23	00:01:39		
18	17:53:23	17:53:25	17:53:50	17:53:53	17:55:09	00:00:25	00:01:44		
19	17:55:09	17:55:11	17:55:43	17:55:46	17:57:07	00:00:32	00:01:56		
20	17:57:07	17:57:09	17:57:30	17:57:33	17:59:01	00:00:21	00:01:52		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	19	76	00:01:34	00:00:25	0	0.00%	
08:15 - 08:30	17	68	00:01:38	00:00:26	0	0.00%	
08:30 - 08:45	26	104	00:01:37	00:00:25	0	0.00%	Average
08:45 - 09:00	20	80	00:01:35	00:00:26	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	21	84	00:01:34	00:00:24	0	0.00%	
17:15 - 17:30	15	60	00:01:40	00:00:32	0	0.00%	
17:30 - 17:45	9	36	00:01:49	00:00:31	0	0.00%	Average
17:45 - 18:00	0	0	00:01:48	00:00:27	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:13:43	0	0	0	0	0	0	0	0	0	0	06:13:46	0	0	0	0	0	0	0	0	0	0	06:14:55	00:01:35
0	0	0	0	0	0	0	0	0	06:15:19	0	0	0	0	0	0	0	0	0	0	06:15:22	0	0	0	0	0	0	0	0	0	0	06:16:18	00:01:21
0	0	0	0	0	0	0	0	0	06:20:03	0	0	0	0	0	0	0	0	0	0	06:20:06	0	0	0	0	0	0	0	0	0	0	06:21:19	00:01:46
0	0	0	0	0	0	0	0	0	06:24:50	0	0	0	0	0	0	0	0	0	0	06:24:53	0	0	0	0	0	0	0	0	0	0	06:26:06	00:01:46
0	0	0	0	0	0	0	0	0	06:28:06	0	0	0	0	0	0	0	0	0	0	06:28:09	0	0	0	0	0	0	0	0	0	0	06:29:19	00:01:35
0	0	0	0	0	0	0	0	0	06:32:52	0	0	0	0	0	0	0	0	0	0	06:32:55	0	0	0	0	0	0	0	0	0	0	06:33:49	00:01:28
0	0	0	0	0	0	0	0	0	06:36:11	0	0	0	0	0	0	0	0	0	0	06:36:14	0	0	0	0	0	0	0	0	0	0	06:37:16	00:01:37
0	0	0	0	0	0	0	0	0	06:40:56	0	0	0	0	0	0	0	0	0	0	06:40:59	0	0	0	0	0	0	0	0	0	0	06:42:01	00:01:31
0	0	0	0	0	0	0	0	0	06:52:08	0	0	0	0	0	0	0	0	0	0	06:52:11	0	0	0	0	0	0	0	0	0	0	06:53:18	00:01:53
0	0	0	0	0	0	0	0	0	06:56:47	0	0	0	0	0	0	0	0	0	0	06:56:50	0	0	0	0	0	0	0	0	0	0	06:58:06	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 21
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:25	0	0	0	0	0	0	0	0	0	0	06:05:27	0	0	2	0	0	0	0	0	0	2	06:05:38	4	1	1	0	0	0	0	0	0	6	06:05:50	0
2	06:08:24	0	0	0	0	0	0	0	0	0	0	06:08:26	3	0	2	1	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
3	06:16:18	0	0	0	0	0	0	0	0	0	0	06:16:20	1	0	1	0	0	0	0	0	0	2	06:16:32	1	0	5	0	0	1	0	1	0	8	06:16:47	0
4	06:26:06	0	0	0	0	0	0	0	0	0	0	06:26:08	3	0	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:30:55	0	0	0	0	0	0	1	0	0	0	06:30:57	2	0	1	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:38:44	0	0	0	0	0	0	0	0	0	0	06:38:46	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
7	06:43:30	0	0	0	0	0	0	0	0	0	0	06:43:32	6	0	1	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
8	06:46:54	0	0	0	0	0	0	0	0	0	0	06:46:56	3	0	1	1	0	1	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
9	06:48:11	0	0	0	0	0	0	0	0	0	0	06:48:13	1	0	1	0	0	0	0	0	0	2	06:48:33	5	0	0	0	0	0	0	0	0	7	06:48:46	0
10	06:53:18	0	0	0	0	0	0	0	0	0	0	06:53:20	3	0	2	0	0	1	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:36	08:00:38	08:00:59	08:01:02	08:01:56	00:00:21	00:01:18	64	256
	2	08:03:43	08:03:45	08:04:12	08:04:15	08:05:21	00:00:27	00:01:36		
	3	08:07:02	08:07:04	08:07:30	08:07:33	08:08:43	00:00:26	00:01:39		
	4	08:10:11	08:10:13	08:10:43	08:10:46	08:11:53	00:00:30	00:01:40		
	5	08:13:26	08:13:28	08:13:51	08:13:54	08:15:04	00:00:23	00:01:36		
08:15 - 08:30	6	08:16:35	08:16:37	08:17:00	08:17:05	08:18:17	00:00:25	00:01:40	58	232
	7	08:19:45	08:19:47	08:20:17	08:20:20	08:21:29	00:00:30	00:01:42		
	8	08:23:05	08:23:07	08:23:29	08:23:32	08:24:41	00:00:22	00:01:34		
	9	08:26:10	08:26:12	08:26:39	08:26:42	08:27:47	00:00:27	00:01:35		
	10	08:27:47	08:27:49	08:28:15	08:28:18	08:29:30	00:00:26	00:01:41		
08:30 - 08:45	11	08:31:03	08:31:05	08:31:29	08:31:32	08:32:44	00:00:24	00:01:39	46	184
	12	08:34:15	08:34:17	08:34:46	08:34:49	08:35:56	00:00:29	00:01:39		
	13	08:37:32	08:37:34	08:37:53	08:37:56	08:39:02	00:00:19	00:01:28		
	14	08:40:39	08:40:41	08:41:08	08:41:11	08:42:20	00:00:27	00:01:39		
	15	08:43:51	08:43:53	08:44:20	08:44:23	08:45:32	00:00:27	00:01:39		
08:45 - 09:00	16	08:47:06	08:47:08	08:47:32	08:47:35	08:48:44	00:00:24	00:01:36	49	196
	17	08:50:20	08:50:22	08:50:41	08:50:44	08:51:50	00:00:19	00:01:28		
	18	08:53:22	08:53:24	08:53:56	08:53:59	08:55:06	00:00:32	00:01:42		
	19	08:55:06	08:55:08	08:55:32	08:55:35	08:56:42	00:00:24	00:01:34		
	20	08:58:13	08:58:15	08:58:47	08:58:50	08:59:52	00:00:32	00:01:37		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:30	17:01:32	17:01:49	17:01:52	17:03:06	00:00:17	00:01:34	70	280
	2	17:04:40	17:04:42	17:05:10	17:05:13	17:06:19	00:00:28	00:01:37		
	3	17:07:59	17:08:01	17:08:21	17:08:24	17:09:30	00:00:20	00:01:29		
	4	17:09:30	17:09:32	17:10:01	17:10:04	17:11:07	00:00:29	00:01:35		
	5	17:12:47	17:12:49	17:13:15	17:13:18	17:14:23	00:00:26	00:01:34		
17:15 - 17:30	6	17:15:54	17:15:56	17:16:29	17:16:32	17:17:37	00:00:33	00:01:41	65	260
	7	17:19:10	17:19:12	17:19:39	17:19:42	17:20:50	00:00:27	00:01:38		
	8	17:22:20	17:22:22	17:22:56	17:22:59	17:23:58	00:00:34	00:01:36		
	9	17:25:33	17:25:35	17:26:04	17:26:07	17:27:14	00:00:29	00:01:39		
	10	17:27:14	17:27:16	17:27:51	17:27:54	17:29:01	00:00:35	00:01:45		
17:30 - 17:45	11	17:30:56	17:30:58	17:31:27	17:31:30	17:32:45	00:00:29	00:01:47	64	256
	12	17:34:37	17:34:39	17:35:11	17:35:14	17:36:29	00:00:32	00:01:50		
	13	17:38:23	17:38:25	17:38:56	17:38:59	17:40:13	00:00:31	00:01:48		
	14	17:40:13	17:40:15	17:40:50	17:40:53	17:42:07	00:00:35	00:01:52		
	15	17:42:07	17:42:09	17:42:36	17:42:39	17:43:56	00:00:27	00:01:47		
17:45 - 18:00	16	17:45:55	17:45:57	17:46:29	17:46:32	17:47:47	00:00:32	00:01:50	75	300
	17	17:49:39	17:49:41	17:50:04	17:50:07	17:51:20	00:00:23	00:01:39		
	18	17:53:23	17:53:25	17:53:50	17:53:53	17:55:09	00:00:25	00:01:46		
	19	17:55:09	17:55:11	17:55:43	17:55:46	17:57:07	00:00:32	00:01:58		
	20	17:57:07	17:57:09	17:57:30	17:57:33	17:59:01	00:00:21	00:01:52		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:12	1800	
0	00:00:00	0	
8	00:00:15	2016	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
7	00:00:13	1938	Average
0	00:00:00	0	1938

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	64	256	00:01:34	00:00:25	1918	49.29%	
08:15 - 08:30	58	232	00:01:38	00:00:26	1918	45.77%	
08:30 - 08:45	46	184	00:01:37	00:00:25	1918	36.85%	Average
08:45 - 09:00	49	196	00:01:35	00:00:25	1918	37.71%	42.38%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	70	280	00:01:34	00:00:24	1918	57.05%	
17:15 - 17:30	65	260	00:01:40	00:00:22	1918	42.81%	
17:30 - 17:45	64	256	00:01:49	00:00:31	1918	47.14%	Average
17:45 - 18:00	75	300	00:01:48	00:00:27	1918	53.62%	52.66%

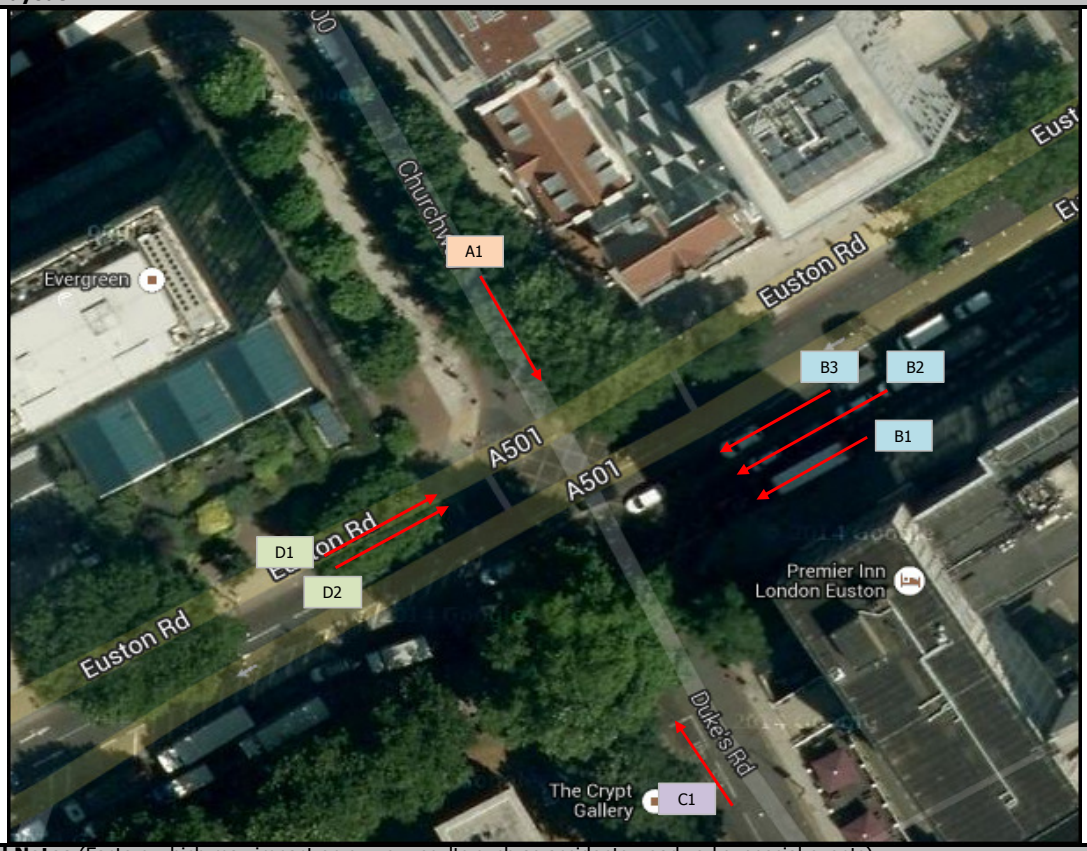
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:51	0	0	0	0	0	0	0	0	0	0	06:05:54	0	0	0	0	0	0	0	0	0	0	06:06:51	00:01:24
0	0	0	0	0	0	0	0	0	06:08:55	0	0	0	0	0	0	0	0	0	0	06:08:58	0	0	0	0	0	0	0	0	0	0	06:09:47	00:01:21
0	0	0	0	0	0	0	0	0	06:16:53	0	0	0	0	0	0	0	0	0	0	06:16:56	0	0	0	0	0	0	0	0	0	0	06:17:39	00:01:39
0	0	0	0	0	0	0	0	0	06:26:30	0	0	0	0	0	0	0	0	0	0	06:26:33	0	0	0	0	0	0	0	0	0	0	06:27:42	00:01:34
0	0	0	0	0	0	0	0	0	06:31:16	0	0	0	0	0	0	0	0	0	0	06:31:19	0	0	0	0	0	0	0	0	0	0	06:32:19	00:01:22
0	0	0	0	0	0	0	0	0	06:39:19	1	0	0	0	0	0	0	0	0	1	06:39:22	0	0	0	0	0	0	0	0	0	0	06:40:28	00:01:42
0	0	0	0	0	0	0	0	0	06:44:03	0	0	0	0	0	0	0	0	0	0	06:44:06	0	0	0	0	0	0	0	0	0	0	06:45:12	00:01:40
0	0	0	0	0	0	0	0	0	06:47:19	0	0	0	0	0	0	0	0	0	0	06:47:22	0	0	0	0	0	0	0	0	0	0	06:48:11	00:01:15
0	0	0	0	0	0	0	0	0	06:48:58	0	0	0	0	0	0	0	0	0	0	06:49:01	0	0	0	0	0	0	0	0	0	0	06:50:02	00:01:49
0	0	0	0	0	0	0	0	0	06:53:40	0	0	0	0	0	0	0	0	0	0	06:53:43	0	0	0	0	0	0	0	0	0	0	06:54:54	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 23
Date of Survey: 12.06.2014
Junction Name: Churchway / Euston Road / Duke's Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.527733	-0.129725	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 23
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:33	0	0	0	0	0	0	0	0	0	0	06:02:35	3	0	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
2	06:06:56	0	0	0	0	0	0	0	0	0	0	06:06:58	2	0	0	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:13:13	0	0	0	0	0	0	0	0	0	0	06:13:15	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:18:01	0	0	0	0	0	0	0	0	0	0	06:18:03	1	0	0	0	0	1	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:24:24	0	0	0	0	0	0	0	0	0	0	06:24:26	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:26:00	0	0	0	0	0	0	0	0	0	0	06:26:02	1	2	0	1	0	1	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
7	06:33:55	0	0	0	0	0	0	0	0	0	0	06:33:57	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:38:42	0	0	0	0	0	0	0	0	0	0	06:38:44	2	0	1	0	0	3	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
9	06:46:43	0	0	0	0	0	0	0	0	0	0	06:46:45	1	1	1	0	0	3	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
10	06:53:14	0	0	0	0	0	0	0	0	0	0	06:53:16	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:07	08:02:09	08:02:23	08:02:26	08:03:45	00:00:14	00:01:36	50	200
	2	08:05:21	08:05:23	08:05:36	08:05:39	08:07:01	00:00:13	00:01:38		
	3	08:07:01	08:07:03	08:07:14	08:07:17	08:08:36	00:00:11	00:01:33		
	4	08:10:15	08:10:17	08:10:28	08:10:31	08:11:47	00:00:11	00:01:30		
	5	08:13:27	08:13:29	08:13:41	08:13:44	08:15:00	00:00:12	00:01:31		
	6	08:15:00	08:15:02	08:15:13	08:15:16	08:16:36	00:00:11	00:01:34		
08:15 - 08:30	7	08:18:13	08:18:15	08:18:26	08:18:29	08:19:49	00:00:11	00:01:34	54	216
	8	08:21:25	08:21:27	08:21:38	08:21:41	08:23:02	00:00:11	00:01:35		
	9	08:24:33	08:24:35	08:24:50	08:24:53	08:26:13	00:00:15	00:01:38		
	10	08:26:13	08:26:15	08:26:26	08:26:29	08:27:51	00:00:11	00:01:36		
08:30 - 08:45	11	08:30:58	08:31:00	08:31:17	08:31:20	08:32:39	00:00:17	00:01:39	59	236
	12	08:34:12	08:34:14	08:34:29	08:34:32	08:35:51	00:00:15	00:01:37		
	13	08:37:27	08:37:29	08:37:41	08:37:44	08:39:04	00:00:12	00:01:35		
	14	08:39:04	08:39:06	08:39:17	08:39:20	08:40:41	00:00:11	00:01:35		
	15	08:40:41	08:40:43	08:40:54	08:40:57	08:42:20	00:00:11	00:01:37		
08:45 - 09:00	16	08:45:32	08:45:34	08:45:45	08:45:48	08:47:04	00:00:11	00:01:30	44	176
	17	08:48:40	08:48:42	08:48:53	08:48:56	08:50:15	00:00:11	00:01:33		
	18	08:51:46	08:51:48	08:52:05	08:52:08	08:53:24	00:00:17	00:01:36		
	19	08:53:24	08:53:26	08:53:33	08:53:36	08:55:02	00:00:07	00:01:36		
	20	08:55:02	08:55:04	08:55:16	08:55:19	08:56:43	00:00:12	00:01:39		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:25	17:01:27	17:01:39	17:01:38	17:03:02	00:00:08	00:01:35	52	208
	2	17:04:38	17:04:40	17:04:51	17:04:54	17:06:15	00:00:11	00:01:35		
	3	17:06:15	17:06:17	17:06:31	17:06:34	17:07:54	00:00:14	00:01:37		
	4	17:11:09	17:11:11	17:11:18	17:11:21	17:12:43	00:00:07	00:01:32		
	5	17:12:43	17:12:45	17:12:56	17:12:59	17:14:20	00:00:11	00:01:35		
	6	17:15:52	17:15:54	17:16:02	17:16:05	17:17:30	00:00:08	00:01:36		
17:15 - 17:30	7	17:19:01	17:19:03	17:19:16	17:19:19	17:20:34	00:00:13	00:01:31	54	216
	8	17:20:34	17:20:36	17:20:46	17:20:49	17:22:15	00:00:10	00:01:39		
	9	17:22:14	17:22:16	17:22:24	17:22:27	17:23:51	00:00:08	00:01:35		
	10	17:25:27	17:25:29	17:25:38	17:25:41	17:27:10	00:00:09	00:01:41		
17:30 - 17:45	11	17:30:52	17:30:54	17:31:09	17:31:12	17:32:43	00:00:15	00:01:49	51	204
	12	17:34:35	17:34:37	17:34:45	17:34:48	17:36:29	00:00:08	00:01:53		
	13	17:38:22	17:38:24	17:38:43	17:38:46	17:40:14	00:00:19	00:01:50		
	14	17:40:14	17:40:16	17:40:32	17:40:35	17:42:06	00:00:16	00:01:50		
	15	17:42:06	17:42:08	17:42:17	17:42:20	17:44:01	00:00:09	00:01:53		
17:45 - 18:00	16	17:45:53	17:45:55	17:46:02	17:46:05	17:47:41	00:00:07	00:01:46	57	228
	17	17:47:41	17:47:43	17:47:55	17:47:58	17:49:38	00:00:12	00:01:55		
	18	17:51:23	17:51:25	17:51:38	17:51:41	17:53:15	00:00:13	00:01:50		
	19	17:53:15	17:53:17	17:53:36	17:53:39	17:55:07	00:00:19	00:01:50		
	20	17:55:07	17:55:09	17:55:26	17:55:29	17:56:59	00:00:17	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	50	200	00:01:34	00:00:12	0	0.00%	
08:15 - 08:30	54	216	00:01:35	00:00:12	0	0.00%	
08:30 - 08:45	59	236	00:01:37	00:00:13	0	0.00%	Average
08:45 - 09:00	44	176	00:01:35	00:00:12	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	52	208	00:01:35	00:00:10	0	0.00%	
17:15 - 17:30	54	216	00:01:36	00:00:10	0	0.00%	
17:30 - 17:45	51	204	00:01:51	00:00:13	0	0.00%	Average
17:45 - 18:00	57	228	00:01:50	00:00:14	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:51	0	0	0	0	0	0	0	0	0	0	06:02:54	0	0	0	0	0	0	0	0	0	0	06:04:03	00:01:28
0	0	0	0	0	0	0	0	0	06:07:14	0	0	0	0	0	0	0	0	0	0	06:07:17	0	0	0	0	0	0	0	0	0	0	06:08:30	00:01:32
0	0	0	0	0	0	0	0	0	06:13:22	0	0	0	0	0	0	0	0	0	0	06:13:25	0	0	0	0	0	0	0	0	0	0	06:14:47	00:01:32
0	0	0	0	0	0	0	0	0	06:18:14	0	0	0	0	0	0	0	0	0	0	06:18:17	0	0	0	0	0	0	0	0	0	0	06:19:35	00:01:33
0	0	0	0	0	0	0	0	0	06:24:33	0	0	0	0	0	0	0	0	0	0	06:24:36	0	0	0	0	0	0	0	0	0	0	06:26:00	00:01:34
0	0	0	0	0	0	0	0	0	06:26:18	0	0	0	0	0	0	0	0	0	0	06:26:21	0	0	0	0	0	0	0	0	0	0	06:27:32	00:01:30
0	0	0	0	0	0	0	0	0	06:34:13	0	0	0	0	0	0	0	0	0	0	06:34:16	0	0	0	0	0	0	0	0	0	0	06:35:32	00:01:35
0	0	0	0	0	0	0	0	0	06:39:04	0	0	0	0	0	0	0	0	0	0	06:39:07	0	0	0	0	0	0	0	0	0	0	06:40:18	00:01:34
0	0	0	0	0	0	0	0	0	06:47:03	0	0	0	0	0	0	0	0	0	0	06:47:06	0	0	0	0	0	0	0	0	0	0	06:48:18	00:01:53
0	0	0	0	0	0	0	0	0	06:53:27	0	0	0	0	0	1	0	0	0	2	06:53:30	0	0	0	0	0	0	0	0	0	0	06:54:54	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 23
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:58	0	0	0	0	0	0	0	0	0	0	06:03:00	0	0	0	0	0	2	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:07:20	0	0	0	0	0	0	0	0	0	0	06:07:22	2	3	0	0	0	3	0	0	0	11		0	0	0	0	0	0	0	0	0	0		0
3	06:11:56	0	0	0	0	0	0	0	0	0	0	06:11:58	0	3	0	0	0	0	0	1	2	4		0	0	0	0	0	0	0	0	0	0		0
4	06:21:34	0	0	0	0	0	0	0	0	0	0	06:21:36	0	2	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:26:24	0	0	0	0	0	0	0	0	0	0	06:26:26	2	2	0	1	0	0	0	0	3	6		0	0	0	0	0	0	0	0	0	0		0
6	06:37:34	0	0	0	0	0	0	0	0	0	0	06:37:36	0	2	0	0	0	4	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
7	06:45:35	0	0	0	0	0	0	0	0	0	0	06:45:37	3	3	0	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:48:37	0	0	0	0	0	0	0	0	0	0	06:48:39	2	5	0	0	0	2	0	1	1	12		0	0	0	0	0	0	0	0	0	0		0
9	06:53:33	0	0	0	0	0	0	0	0	0	0	06:53:35	2	6	0	0	0	2	0	1	0	12		0	0	0	0	0	0	0	0	0	0		0
10	06:58:21	0	0	0	0	0	0	0	0	0	0	06:58:23	1	3	1	0	0	0	0	2	6	7		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:53	08:00:55	08:02:23	08:02:06	08:02:29	00:01:08	00:01:34	119	476
	2	08:04:08	08:04:10	08:05:17	08:05:20	08:05:41	00:01:07	00:01:31		
	3	08:07:21	08:07:23	08:08:31	08:08:34	08:08:59	00:01:08	00:01:36		
	4	08:10:35	08:10:37	08:11:43	08:11:46	08:12:07	00:01:06	00:01:30		
	5	08:13:46	08:13:48	08:14:56	08:14:59	08:15:19	00:01:08	00:01:31		
08:15 - 08:30	6	08:16:56	08:16:58	08:18:09	08:18:12	08:18:32	00:01:11	00:01:34	130	520
	7	08:20:04	08:20:06	08:21:21	08:21:24	08:21:44	00:01:15	00:01:38		
	8	08:23:17	08:23:19	08:24:29	08:24:32	08:24:56	00:01:19	00:01:37		
	9	08:24:56	08:24:58	08:26:09	08:26:12	08:26:32	00:01:11	00:01:34		
	10	08:28:09	08:28:11	08:29:18	08:29:21	08:29:46	00:01:07	00:01:35		
08:30 - 08:45	11	08:31:23	08:31:25	08:32:35	08:32:38	08:32:59	00:01:10	00:01:34	145	580
	12	08:34:35	08:34:37	08:35:47	08:35:50	08:36:10	00:01:10	00:01:33		
	13	08:37:48	08:37:50	08:39:00	08:39:03	08:39:24	00:01:10	00:01:34		
	14	08:40:59	08:41:01	08:42:16	08:42:19	08:42:39	00:01:15	00:01:38		
	15	08:42:39	08:42:41	08:43:56	08:43:59	08:44:20	00:01:15	00:01:39		
08:45 - 09:00	16	08:45:51	08:45:53	08:47:00	08:47:03	08:47:24	00:01:07	00:01:31	159	636
	17	08:48:59	08:49:01	08:50:11	08:50:14	08:50:36	00:01:10	00:01:35		
	18	08:50:36	08:50:38	08:51:42	08:51:45	08:52:12	00:01:04	00:01:34		
	19	08:51:38	08:53:40	08:54:58	08:55:01	08:55:22	00:01:18	00:01:42		
	20	08:56:58	08:57:00	08:58:11	08:58:14	08:58:32	00:01:11	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:12	17:00:14	17:01:21	17:01:24	17:01:43	00:01:07	00:01:27	130	520
	2	17:03:23	17:03:23	17:04:35	17:04:38	17:04:57	00:01:12	00:01:34		
	3	17:06:37	17:06:39	17:07:50	17:07:53	17:08:11	00:01:11	00:01:32		
	4	17:08:11	17:08:13	17:09:25	17:09:28	17:09:46	00:01:12	00:01:33		
	5	17:11:24	17:11:26	17:12:39	17:12:42	17:13:02	00:01:13	00:01:36		
17:15 - 17:30	6	17:17:48	17:17:50	17:18:57	17:19:00	17:19:22	00:01:07	00:01:32	126	504
	7	17:20:52	17:20:54	17:22:10	17:22:13	17:22:30	00:01:16	00:01:36		
	8	17:22:30	17:22:32	17:23:47	17:23:50	17:24:11	00:01:15	00:01:39		
	9	17:25:44	17:25:46	17:27:06	17:27:09	17:27:25	00:01:20	00:01:39		
	10	17:29:23	17:29:25	17:30:48	17:30:51	17:31:15	00:01:23	00:01:50		
17:30 - 17:45	11	17:31:15	17:31:17	17:32:35	17:32:42	17:33:07	00:01:22	00:01:50	150	600
	12	17:34:52	17:34:54	17:36:26	17:36:29	17:36:45	00:01:52	00:01:51		
	13	17:38:49	17:38:51	17:40:10	17:40:13	17:40:38	00:01:19	00:01:47		
	14	17:40:38	17:40:40	17:42:02	17:42:05	17:42:23	00:01:22	00:01:43		
	15	17:44:16	17:44:18	17:45:49	17:45:52	17:46:08	00:01:31	00:01:50		
17:45 - 18:00	16	17:46:08	17:46:10	17:47:37	17:47:40	17:48:01	00:01:27	00:01:51	143	572
	17	17:49:52	17:49:54	17:51:19	17:51:22	17:51:45	00:01:25	00:01:51		
	18	17:51:45	17:51:47	17:53:11	17:53:14	17:53:42	00:01:24	00:01:55		
	19	17:55:12	17:55:34	17:56:55	17:56:58	17:57:28	00:01:21	00:01:54		
	20	17:57:28	17:57:30	17:58:57	17:59:00	17:59:23	00:01:27	00:01:53		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	119	476	00:01:32	00:01:07	0	0.00%	
08:15 - 08:30	130	520	00:01:36	00:01:11	0	0.00%	
08:30 - 08:45	145	580	00:01:35	00:01:12	0	0.00%	Average
08:45 - 09:00	159	636	00:01:35	00:01:10	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	130	520	00:01:32	00:01:11	0	0.00%	
17:15 - 17:30	126	504	00:01:39	00:01:16	0	0.00%	
17:30 - 17:45	150	600	00:01:48	00:01:25	0	0.00%	Average
17:45 - 18:00	143	572	00:01:53	00:01:25	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:59	0	0	0	0	0	0	0	0	0	0	06:04:02	0	0	0	0	0	0	0	0	0	0	06:04:20	00:01:20
0	0	0	0	0	0	0	0	0	06:08:27	0	0	0	0	0	0	0	0	0	0	06:08:30	0	0	0	0	0	0	0	0	0	0	06:08:47	00:01:25
0	0	0	0	0	0	0	0	0	06:13:10	0	0	0	0	0	0	0	0	0	0	06:13:13	0	0	0	0	0	0	0	0	0	0	06:13:28	00:01:30
0	0	0	0	0	0	0	0	0	06:22:44	0	0	0	0	0	0	0	0	0	0	06:22:47	0	0	0	0	0	0	0	0	0	0	06:23:04	00:01:28
0	0	0	0	0	0	0	0	0	06:27:28	0	0	0	0	0	0	0	0	0	0	06:27:31	0	0	0	0	0	0	0	0	0	0	06:27:53	00:01:27
0	0	0	0	0	0	0	0	0	06:38:38	0	0	0	0	0	0	0	0	0	0	06:38:41	0	0	0	0	0	0	0	0	0	0	06:39:10	00:01:34
0	0	0	0	0	0	0	0	0	06:46:40	0	0	0	0	0	0	0	0	0	0	06:46:43	1	0	0	0	0	0	0	0	0	1	06:47:10	00:01:53
0	0	0	0	0	0	0	0	0	06:49:58	0	0	0	0	0	0	0	0	0	0	06:50:01	0	0	0	0	0	0	0	0	0	0	06:50:24	00:01:45
0	0	0	0	0	0	0	0	0	06:54:50	0	0	0	0	0	0	0	0	0	0	06:54:53	0	0	0	0	0	0	0	0	0	0	06:55:13	00:01:38
0	0	0	0	0	0	0	0	0	06:59:35	0	0	0	0	0	0	0	1	1	1	06:59:38	0	0	0	0	0	0	0	0	0	0	07:00:02	00:01:39

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 23
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:07:20	0	0	0	0	0	0	0	0	0	0	06:07:22	2	0	0	1	0	0	0	0	0	2	06:07:29	8	0	2	0	0	0	0	0	0	10	06:07:49	5
2	06:11:56	0	0	0	0	0	0	0	0	0	0	06:11:58	3	0	1	1	0	0	0	0	0	5	06:12:37	1	0	3	2	0	0	0	0	0	7	06:12:50	4
3	06:16:38	0	0	0	0	0	0	0	0	0	0	06:16:40	1	0	1	0	0	0	0	0	0	2	06:16:58	5	0	3	2	0	0	0	0	0	11	06:17:16	7
4	06:23:09	0	0	0	0	0	0	0	0	0	0	06:23:07	4	0	2	1	0	0	0	0	0	7	06:23:53	6	0	1	1	0	0	0	0	0	7	06:24:04	5
5	06:27:52	0	0	0	0	0	0	0	0	0	0	06:27:54	2	0	0	0	0	0	0	0	0	2	06:28:02	6	0	3	0	0	0	0	0	0	9	06:28:21	15
6	06:39:11	0	0	0	0	0	0	0	0	0	0	06:39:13	0	0	2	0	0	0	0	0	0	2	06:39:19	8	0	8	2	0	0	0	0	0	19	06:39:57	3
7	06:40:46	0	0	0	0	0	0	0	0	0	0	06:40:48	2	0	0	0	0	0	0	0	0	2	06:40:57	6	0	5	0	0	0	0	0	0	11	06:41:16	8
8	06:42:16	0	0	0	0	0	0	0	0	0	0	06:42:18	2	0	0	0	0	0	0	0	0	2	06:42:23	16	1	13	1	0	0	0	0	0	32	06:43:26	0
9	06:45:35	0	0	0	0	0	0	0	0	0	0	06:45:37	2	0	0	0	0	0	0	0	0	2	06:45:47	18	0	5	0	0	0	0	0	0	23	06:46:33	0
10	06:50:23	0	0	0	0	0	0	0	0	0	0	06:50:25	1	0	1	0	0	0	0	0	0	2	06:50:36	4	0	2	1	0	0	0	0	0	8	06:50:51	7

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:53	08:00:55	08:02:03	08:02:06	08:02:29	00:01:08	00:01:34	185	740
	2	08:04:08	08:04:10	08:05:17	08:05:20	08:05:41	00:01:07	00:01:31		
	3	08:07:21	08:07:23	08:08:31	08:08:34	08:08:59	00:01:08	00:01:36		
	4	08:10:35	08:10:37	08:11:43	08:11:46	08:12:07	00:01:06	00:01:30		
	5	08:13:46	08:13:48	08:14:56	08:14:59	08:15:19	00:01:08	00:01:33		
08:15 - 08:30	6	08:16:56	08:16:58	08:18:09	08:18:12	08:18:32	00:01:11	00:01:34	208	832
	7	08:20:04	08:20:06	08:21:21	08:21:24	08:21:44	00:01:15	00:01:38		
	8	08:23:17	08:23:19	08:24:29	08:24:32	08:24:56	00:01:10	00:01:37		
	9	08:24:56	08:24:58	08:26:09	08:26:12	08:26:32	00:01:11	00:01:34		
	10	08:28:09	08:28:11	08:29:18	08:29:21	08:29:46	00:01:07	00:01:35		
08:30 - 08:45	11	08:31:23	08:31:25	08:32:35	08:32:38	08:32:59	00:01:10	00:01:34	158	632
	12	08:34:35	08:34:37	08:35:47	08:35:50	08:36:10	00:01:10	00:01:33		
	13	08:37:48	08:37:50	08:39:00	08:39:03	08:39:24	00:01:10	00:01:34		
	14	08:40:59	08:41:01	08:42:16	08:42:19	08:42:39	00:01:15	00:01:38		
	15	08:42:39	08:42:41	08:43:56	08:43:59	08:44:20	00:01:15	00:01:39		
08:45 - 09:00	16	08:45:51	08:45:53	08:47:00	08:47:03	08:47:24	00:01:07	00:01:31	162	648
	17	08:48:59	08:49:01	08:50:11	08:50:14	08:50:36	00:01:10	00:01:35		
	18	08:50:36	08:50:38	08:51:42	08:51:45	08:52:12	00:01:04	00:01:34		
	19	08:53:38	08:53:40	08:54:58	08:55:01	08:55:22	00:01:18	00:01:42		
	20	08:56:58	08:57:00	08:58:11	08:58:14	08:58:32	00:01:11	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:12	17:00:14	17:01:21	17:01:24	17:01:41	00:01:07	00:01:27	86	344
	2	17:03:21	17:03:23	17:04:35	17:04:38	17:04:57	00:01:12	00:01:34		
	3	17:06:37	17:06:39	17:07:50	17:07:53	17:08:11	00:01:11	00:01:32		
	4	17:08:11	17:08:13	17:09:25	17:09:28	17:09:46	00:01:12	00:01:33		
	5	17:11:48	17:11:50	17:13:03	17:13:06	17:13:27	00:01:13	00:01:39		
17:15 - 17:30	6	17:17:48	17:17:50	17:18:57	17:19:00	17:19:22	00:01:07	00:01:32	78	312
	7	17:20:52	17:20:54	17:22:10	17:22:13	17:22:30	00:01:16	00:01:36		
	8	17:22:30	17:22:32	17:23:47	17:23:50	17:24:11	00:01:15	00:01:39		
	9	17:25:44	17:25:46	17:27:06	17:27:09	17:27:25	00:01:20	00:01:39		
	10	17:29:23	17:29:25	17:30:48	17:30:51	17:31:15	00:01:23	00:01:50		
17:30 - 17:45	11	17:31:15	17:31:17	17:32:39	17:32:42	17:33:07	00:01:22	00:01:50	122	488
	12	17:34:52	17:34:54	17:36:26	17:36:29	17:36:45	00:01:32	00:01:51		
	13	17:38:49	17:38:51	17:40:10	17:40:13	17:40:38	00:01:19	00:01:47		
	14	17:40:38	17:40:40	17:42:02	17:42:05	17:42:23	00:01:22	00:01:43		
	15	17:44:16	17:44:18	17:45:49	17:45:52	17:46:08	00:01:31	00:01:50		
17:45 - 18:00	16	17:46:08	17:46:10	17:47:37	17:47:40	17:48:01	00:01:27	00:01:51	94	376
	17	17:49:52	17:49:54	17:51:19	17:51:22	17:51:45	00:01:25	00:01:51		
	18	17:51:45	17:51:47	17:53:11	17:53:14	17:53:42	00:01:24	00:01:55		
	19	17:55:32	17:55:34	17:56:55	17:56:58	17:57:28	00:01:21	00:01:54		
	20	17:57:28	17:57:30	17:58:57	17:59:00	17:99:23	00:01:27	00:01:53		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
10	00:00:20	1800	
7	00:00:13	1938	
11	00:00:18	2200	
7	00:00:11	2291	
9	00:00:19	1705	
19	00:00:38	1800	
11	00:00:19	2084	
32	00:01:03	1800	
23	00:00:46	1800	Average
8	00:00:15	1800	1922

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	185	740	00:01:32	00:01:07	1922	52.79%	
08:15 - 08:30	208	832	00:01:36	00:01:11	1922	56.45%	
08:30 - 08:45	158	632	00:01:36	00:01:12	1922	43.66%	Average
08:45 - 09:00	162	648	00:01:35	00:01:10	1922	45.66%	50.14%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	86	344	00:01:32	00:01:11	1922	21.29%	
17:15 - 17:30	78	312	00:01:39	00:01:16	1922	21.13%	
17:30 - 17:45	122	488	00:01:48	00:01:25	1922	32.25%	Average
17:45 - 18:00	94	376	00:01:53	00:01:25	1922	26.02%	25.67%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	0	0	6	06:08:27	1	0	0	0	0	0	0	0	0	1	06:08:30	0	0	0	0	0	0	0	0	0	0	06:08:47	00:01:25
1	1	0	0	0	0	0	0	6	06:13:10	0	0	0	0	0	0	0	0	0	0	06:13:13	0	0	0	0	0	0	0	0	0	0	06:13:28	00:01:30
0	1	0	1	0	0	0	0	10	06:17:58	0	0	0	0	0	0	0	0	0	0	06:18:01	0	0	0	0	0	0	0	0	0	0	06:18:20	00:01:40
0	3	0	0	0	0	0	0	8	06:24:20	0	0	0	0	0	0	0	0	0	0	06:24:23	0	0	0	0	0	0	0	0	0	0	06:24:39	00:01:53
0	5	1	0	0	0	1	0	22	06:29:09	0	0	1	0	0	0	0	0	0	1	06:29:12	0	0	0	0	0	0	0	0	0	0	06:29:28	00:01:34
0	0	0	0	0	0	0	0	3	06:40:14	1	0	0	0	0	0	0	0	0	1	06:40:17	0	0	0	0	0	0	0	0	0	0	06:40:46	00:01:33
0	1	0	0	0	0	0	0	9	06:41:46	0	0	0	0	0	0	0	0	0	0	06:41:49	0	0	0	0	0	0	0	0	0	0	06:42:14	00:01:26
0	0	0	0	0	0	0	0	0	06:43:27	0	0	1	0	0	0	0	0	0	1	06:43:30	0	0	1	0	0	0	0	0	0	1	06:43:54	00:01:36
0	0	0	0	0	0	0	0	0	06:46:40	0	0	0	1	0	0	0	0	0	2	06:46:43	0	0	0	0	0	0	0	0	0	0	06:47:10	00:01:33
0	2	1	0	1	0	0	0	13	06:51:31	0	0	0	0	0	0	0	0	0	0	06:51:34	0	0	0	0	0	0	0	0	0	0	06:51:57	00:01:32

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 23
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:07:20	0	0	0	0	0	0	0	0	0	0	06:07:22	1	0	0	1	0	0	0	0	0	3	06:07:35	5	0	1	0	0	0	0	0	0	6	06:07:45	9
2	06:16:28	0	0	0	0	0	0	0	0	0	0	06:16:40	6	0	4	0	0	1	0	0	0	12	06:17:32	7	0	1	0	0	0	0	0	0	8	06:17:44	1
3	06:20:02	0	0	0	0	0	0	0	0	0	0	06:20:04	1	0	1	0	0	0	0	0	0	2	06:20:10	5	0	2	0	0	0	0	0	0	7	06:20:24	9
4	06:31:10	0	0	0	0	0	0	0	0	0	0	06:31:12	2	0	0	0	0	0	0	0	0	2	06:31:26	5	1	1	0	0	0	0	0	0	11	06:31:44	7
5	06:39:11	0	0	0	0	0	0	0	0	0	0	06:39:13	2	0	0	0	0	0	0	0	0	2	06:39:23	7	0	2	0	0	0	0	0	0	9	06:39:43	7
6	06:40:46	0	0	0	0	0	0	0	0	0	0	06:40:48	1	0	1	0	0	0	0	0	0	2	06:40:56	4	0	2	0	0	0	0	0	0	6	06:41:10	4
7	06:45:35	0	0	0	0	0	0	0	0	0	0	06:45:37	2	0	0	0	0	0	0	0	0	2	06:45:44	13	0	1	1	0	0	0	0	0	16	06:46:17	3
8	06:50:23	0	0	0	0	0	0	0	0	0	0	06:50:25	1	0	1	0	0	0	0	0	0	2	06:50:37	7	0	0	0	0	0	0	0	0	7	06:50:54	4
9	06:53:33	0	0	0	0	0	0	0	0	0	0	06:53:35	1	0	0	1	0	0	0	0	0	2	06:53:47	6	0	3	0	1	0	0	0	0	11	06:54:10	4
10	06:56:45	0	0	0	0	0	0	0	0	0	0	06:56:47	2	0	0	0	0	0	0	0	0	2	06:56:57	11	0	2	1	0	0	0	0	0	15	06:57:31	1

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:53	08:00:55	08:02:03	08:02:06	08:02:29	00:01:08	00:01:34	129	516
	2	08:04:08	08:04:10	08:05:17	08:05:20	08:05:41	00:01:07	00:01:31		
	3	08:07:21	08:07:23	08:08:31	08:08:34	08:08:59	00:01:08	00:01:36		
	4	08:10:35	08:10:37	08:11:43	08:11:46	08:12:07	00:01:06	00:01:30		
	5	08:13:46	08:13:48	08:14:56	08:14:59	08:15:19	00:01:08	00:01:33		
08:15 - 08:30	6	08:16:56	08:16:58	08:18:09	08:18:12	08:18:32	00:01:11	00:01:34	95	380
	7	08:20:04	08:20:06	08:21:21	08:21:24	08:21:44	00:01:15	00:01:38		
	8	08:23:17	08:23:19	08:24:29	08:24:32	08:24:56	00:01:18	00:01:37		
	9	08:24:56	08:24:58	08:26:09	08:26:12	08:26:32	00:01:11	00:01:34		
	10	08:28:09	08:28:11	08:29:18	08:29:21	08:29:46	00:01:07	00:01:35		
08:30 - 08:45	11	08:31:23	08:31:25	08:32:35	08:32:38	08:32:59	00:01:10	00:01:34	117	468
	12	08:34:35	08:34:37	08:35:47	08:35:50	08:36:10	00:01:10	00:01:33		
	13	08:37:48	08:37:50	08:39:00	08:39:03	08:39:24	00:01:10	00:01:34		
	14	08:40:59	08:41:01	08:42:16	08:42:19	08:42:39	00:01:15	00:01:38		
	15	08:42:39	08:42:41	08:43:56	08:43:59	08:44:20	00:01:15	00:01:39		
08:45 - 09:00	16	08:45:51	08:45:53	08:47:00	08:47:03	08:47:24	00:01:07	00:01:31	97	388
	17	08:48:59	08:49:01	08:50:11	08:50:14	08:50:36	00:01:10	00:01:35		
	18	08:50:36	08:50:38	08:51:42	08:51:45	08:52:12	00:01:04	00:01:34		
	19	08:53:38	08:53:40	08:54:58	08:55:01	08:55:22	00:01:18	00:01:42		
	20	08:56:58	08:57:00	08:58:11	08:58:14	08:58:32	00:01:11	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:12	17:00:14	17:01:21	17:01:24	17:01:41	00:01:07	00:01:27	92	368
	2	17:03:21	17:03:23	17:04:35	17:04:38	17:04:57	00:01:12	00:01:34		
	3	17:06:37	17:06:39	17:07:50	17:07:53	17:08:11	00:01:11	00:01:32		
	4	17:08:11	17:08:13	17:09:25	17:09:28	17:09:46	00:01:12	00:01:33		
	5	17:11:48	17:11:50	17:13:03	17:13:06	17:13:27	00:01:13	00:01:39		
17:15 - 17:30	6	17:17:48	17:17:50	17:18:57	17:19:00	17:19:22	00:01:07	00:01:32	68	272
	7	17:20:52	17:20:54	17:22:10	17:22:13	17:22:30	00:01:16	00:01:36		
	8	17:22:30	17:22:32	17:23:47	17:23:50	17:24:11	00:01:15	00:01:39		
	9	17:25:44	17:25:46	17:27:06	17:27:09	17:27:25	00:01:20	00:01:39		
	10	17:29:23	17:29:25	17:30:48	17:30:51	17:31:15	00:01:23	00:01:50		
17:30 - 17:45	11	17:31:15	17:31:17	17:32:39	17:32:42	17:33:07	00:01:22	00:01:50	66	264
	12	17:34:52	17:34:54	17:36:26	17:36:29	17:36:45	00:01:32	00:01:51		
	13	17:38:49	17:38:51	17:40:10	17:40:13	17:40:38	00:01:19	00:01:47		
	14	17:40:38	17:40:40	17:42:02	17:42:05	17:42:23	00:01:22	00:01:43		
	15	17:44:16	17:44:18	17:45:49	17:45:52	17:46:08	00:01:31	00:01:50		
17:45 - 18:00	16	17:46:08	17:46:10	17:47:37	17:47:40	17:48:01	00:01:27	00:01:51	74	296
	17	17:49:52	17:49:54	17:51:19	17:51:22	17:51:45	00:01:25	00:01:51		
	18	17:51:45	17:51:47	17:53:11	17:53:14	17:53:42	00:01:24	00:01:55		
	19	17:55:32	17:55:34	17:56:55	17:56:58	17:57:28	00:01:21	00:01:54		
	20	17:57:28	17:57:30	17:58:57	17:59:00	17:59:23	00:01:27	00:01:53		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:10	2160	
8	00:00:12	2400	
7	00:00:14	1800	
11	00:00:19	2084	
9	00:00:20	1620	
6	00:00:14	1543	
16	00:00:33	1691	
7	00:00:17	1482	
11	00:00:23	1722	Average
15	00:00:34	1535	1804

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	129	516	00:01:32	00:01:07	1804	39.22%	
08:15 - 08:30	95	380	00:01:36	00:01:11	1804	28.40%	
08:30 - 08:45	117	468	00:01:36	00:01:12	1804	34.49%	Average
08:45 - 09:00	97	388	00:01:35	00:01:10	1804	29.13%	32.81%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	92	368	00:01:32	00:01:11	1804	26.55%	
17:15 - 17:30	68	272	00:01:39	00:01:16	1804	19.63%	
17:30 - 17:45	66	264	00:01:48	00:01:25	1804	18.59%	Average
17:45 - 18:00	74	296	00:01:53	00:01:25	1804	21.83%	21.65%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	0	0	10	06:08:27	0	0	0	0	0	0	0	0	0	0	06:08:30	0	0	0	0	0	0	0	0	0	0	06:08:47	00:01:25
0	3	0	0	0	0	0	0	4	06:17:58	0	0	0	0	0	0	0	0	0	0	06:18:01	0	0	0	0	0	0	0	0	0	0	06:18:20	00:01:40
0	4	0	0	0	0	0	0	13	06:21:09	0	0	0	0	0	0	0	0	0	0	06:21:12	0	0	0	0	0	0	0	0	0	0	06:21:35	00:01:31
0	3	0	0	0	0	0	0	10	06:32:17	0	0	0	0	0	0	0	0	0	0	06:32:20	0	0	0	0	0	0	0	0	0	0	06:32:46	00:01:34
0	3	0	0	0	0	0	0	10	06:40:14	0	0	0	0	0	0	0	0	0	0	06:40:17	0	0	0	0	0	0	0	0	0	0	06:40:46	00:01:33
0	2	0	0	0	0	1	0	6	06:41:46	0	0	0	0	0	0	0	0	0	0	06:41:49	0	0	0	0	0	0	0	0	0	0	06:42:14	00:01:26
0	0	0	0	0	0	0	0	3	06:46:43	0	0	0	0	0	0	0	0	0	0	06:46:43	0	0	0	0	0	0	0	0	0	0	06:47:16	00:01:33
0	2	0	0	0	0	0	0	6	06:51:31	0	0	0	0	0	0	0	0	0	0	06:51:34	0	0	0	0	0	0	0	0	0	0	06:51:57	00:01:32
0	4	0	0	0	0	0	0	8	06:54:50	1	0	0	0	0	0	0	0	0	1	06:54:53	0	0	0	0	0	0	0	0	0	0	06:55:13	00:01:38
0	2	0	0	0	0	3	0	4	06:57:58	0	0	0	0	0	0	0	0	0	0	06:58:01	0	0	0	0	0	0	0	0	0	0	06:58:21	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 23
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:34	0	0	0	0	0	0	0	0	0	0	06:02:36	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:06:57	0	0	0	0	0	0	0	0	0	0	06:06:59	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:11:37	0	0	0	0	0	0	0	0	0	0	06:11:39	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:18:02	0	0	0	0	0	0	0	0	0	0	06:18:04	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:22:49	0	0	0	0	0	0	0	0	0	0	06:22:51	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:29:14	0	0	0	0	0	0	0	0	0	0	06:29:16	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:38:43	0	0	0	0	0	0	0	0	0	0	06:38:45	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:45:12	0	0	0	0	0	0	0	0	0	0	06:45:14	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:51:36	0	0	0	0	0	0	0	0	0	0	06:51:38	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:54:55	0	0	0	0	0	0	0	0	0	0	06:54:57	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:07	08:02:09	08:02:23	08:02:26	08:03:45	00:00:14	00:01:36	2	8
	2	08:05:22	08:05:24	08:05:36	08:05:39	08:07:02	00:00:12	00:01:38		
	3	08:07:02	08:07:04	08:07:15	08:07:18	08:08:36	00:00:11	00:01:32		
	4	08:10:16	08:10:18	08:10:29	08:10:32	08:11:48	00:00:11	00:01:30		
	5	08:13:27	08:13:29	08:13:41	08:13:44	08:15:00	00:00:12	00:01:31		
08:15 - 08:30	6	08:16:37	08:16:39	08:16:49	08:16:52	08:18:13	00:00:10	00:01:34	4	16
	7	08:19:50	08:19:52	08:20:02	08:20:02	08:21:28	00:00:07	00:01:34		
	8	08:23:26	08:23:28	08:23:39	08:21:42	08:23:01	00:00:11	00:01:33		
	9	08:24:33	08:24:35	08:24:52	08:24:55	08:26:13	00:00:17	00:01:38		
	10	08:27:51	08:27:53	08:28:04	08:28:07	08:29:22	00:00:11	00:01:29		
08:30 - 08:45	11	08:30:59	08:31:01	08:31:17	08:31:20	08:32:39	00:00:16	00:01:38	2	8
	12	08:34:12	08:34:14	08:34:30	08:34:33	08:35:51	00:00:16	00:01:37		
	13	08:35:51	08:35:53	08:36:04	08:36:07	08:37:28	00:00:11	00:01:35		
	14	08:39:04	08:39:06	08:39:18	08:39:21	08:40:41	00:00:12	00:01:35		
	15	08:42:20	08:42:22	08:42:33	08:42:36	08:44:01	00:00:11	00:01:39		
08:45 - 09:00	16	08:45:33	08:45:35	08:45:46	08:45:49	08:47:05	00:00:11	00:01:30	0	0
	17	08:48:41	08:48:43	08:48:54	08:48:57	08:50:15	00:00:11	00:01:32		
	18	08:51:46	08:51:48	08:52:05	08:52:08	08:53:23	00:00:17	00:01:35		
	19	08:55:02	08:55:04	08:55:16	08:55:19	08:56:45	00:00:12	00:01:41		
	20	08:58:15	08:58:17	08:58:26	08:58:29	08:59:51	00:00:09	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:25	17:01:27	17:01:35	17:01:38	17:03:02	00:00:08	00:01:35	4	16
	2	17:04:38	17:04:40	17:04:51	17:04:54	17:06:14	00:00:11	00:01:34		
	3	17:06:14	17:06:16	17:06:31	17:06:34	17:07:54	00:00:15	00:01:38		
	4	17:09:29	17:09:31	17:09:40	17:09:43	17:11:09	00:00:09	00:01:38		
	5	17:12:43	17:12:45	17:12:56	17:12:59	17:14:19	00:00:11	00:01:34		
17:15 - 17:30	6	17:15:52	17:15:54	17:16:02	17:16:05	17:17:29	00:00:08	00:01:35	2	8
	7	17:19:01	17:19:03	17:19:15	17:19:18	17:20:34	00:00:12	00:01:31		
	8	17:22:14	17:22:16	17:22:24	17:22:27	17:23:51	00:00:08	00:01:35		
	9	17:25:28	17:25:30	17:25:38	17:25:41	17:27:10	00:00:08	00:01:40		
	10	17:29:08	17:29:10	17:29:18	17:29:21	17:30:52	00:00:08	00:01:42		
17:30 - 17:45	11	17:32:43	17:32:45	17:33:02	17:33:05	17:34:35	00:00:17	00:01:50	5	20
	12	17:36:30	17:36:32	17:36:39	17:36:42	17:38:23	00:00:07	00:01:51		
	13	17:40:14	17:40:16	17:40:32	17:40:35	17:42:07	00:00:16	00:01:51		
	14	17:42:07	17:42:09	17:42:17	17:42:20	17:44:01	00:00:08	00:01:52		
	15	17:44:01	17:44:03	17:44:10	17:44:13	17:45:53	00:00:07	00:01:50		
17:45 - 18:00	16	17:45:53	17:45:55	17:46:02	17:46:05	17:47:42	00:00:07	00:01:47	7	28
	17	17:49:37	17:49:39	17:49:46	17:49:49	17:51:24	00:00:07	00:01:45		
	18	17:53:16	17:53:18	17:53:36	17:53:39	17:55:08	00:00:18	00:01:50		
	19	17:55:08	17:55:10	17:55:26	17:55:29	17:56:59	00:00:16	00:01:49		
	20	17:59:02	17:59:04	17:59:17	17:59:20	18:00:57	00:00:13	00:01:53		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	2	8	00:01:33	00:00:12	0	0.00%	
08:15 - 08:30	4	16	00:01:34	00:00:11	0	0.00%	
08:30 - 08:45	2	8	00:01:37	00:00:13	0	0.00%	Average
08:45 - 09:00	0	0	00:01:34	00:00:12	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	4	16	00:01:36	00:00:11	0	0.00%	
17:15 - 17:30	2	8	00:01:37	00:00:09	0	0.00%	
17:30 - 17:45	5	20	00:01:51	00:00:11	0	0.00%	Average
17:45 - 18:00	7	28	00:01:49	00:00:12	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:52	0	0	0	0	0	0	0	0	0	0	06:02:55	0	0	0	0	0	0	0	0	0	0	06:04:04	00:01:28
0	0	0	0	0	0	0	0	0	06:07:14	0	0	0	0	0	0	0	0	0	0	06:07:17	0	0	0	0	0	0	0	0	0	0	06:08:31	00:01:32
0	0	0	0	0	0	0	0	0	06:11:51	0	0	0	0	0	0	0	0	0	0	06:11:54	0	0	0	0	0	0	0	0	0	0	06:13:16	00:01:37
0	0	0	0	0	0	0	0	0	06:18:16	0	0	0	0	0	0	0	0	0	0	06:18:19	0	0	0	0	0	0	0	0	0	0	06:19:42	00:01:38
0	0	0	0	0	0	0	0	0	06:22:39	0	0	0	0	0	0	0	0	0	0	06:23:02	0	0	0	0	0	0	0	0	0	0	06:24:25	00:01:34
0	0	0	0	0	0	0	0	0	06:29:23	0	0	0	0	0	0	0	0	0	0	06:29:26	0	0	0	0	0	0	0	0	0	0	06:30:49	00:01:33
0	0	0	0	0	0	0	0	0	06:39:05	0	0	0	0	0	0	0	0	0	0	06:39:08	0	0	0	0	0	0	0	0	0	0	06:40:19	00:01:34
0	0	0	0	0	0	0	0	0	06:45:29	0	0	0	0	0	0	0	0	0	0	06:45:32	0	0	0	0	0	0	0	0	0	0	06:46:44	00:01:30
0	0	0	0	0	0	0	0	0	06:51:52	0	0	0	0	0	0	0	0	0	0	06:51:55	0	0	0	0	0	0	0	0	0	0	06:53:15	00:01:37
0	0	0	0	0	0	0	0	0	06:55:08	0	0	0	0	0	0	0	0	0	0	06:55:11	0	0	0	0	0	0	0	0	0	0	06:56:27	00:01:30

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 23
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:22:51	0	0	0	0	0	0	0	0	0	0	06:22:53	3	1	1	0	0	0	0	0	0	5	06:23:22	1	4	1	1	0	0	2	1	0	12	06:23:46	0
2	06:25:57	0	0	0	0	0	0	0	0	0	0	06:25:59	1	0	1	0	0	0	0	0	0	2	06:26:07	0	1	0	1	0	0	0	0	0	2	06:26:24	0
3	06:27:43	0	0	0	0	0	0	0	0	0	0	06:27:45	1	0	0	1	0	0	0	0	0	3	06:27:52	2	0	3	1	0	0	0	4	0	8	06:28:12	1
4	06:34:04	0	0	0	0	0	0	0	0	0	0	06:34:06	0	2	0	0	0	0	0	0	0	2	06:34:24	3	1	3	1	0	0	0	5	0	13	06:34:46	1
5	06:37:17	0	0	0	0	0	0	0	0	0	0	06:37:19	0	0	2	0	0	0	0	1	0	11		0	0	0	0	0	0	0	0	0	0		0
6	06:42:05	0	0	0	0	0	0	0	0	0	0	06:42:07	3	3	2	0	0	0	0	1	1	9		0	0	0	0	0	0	0	0	0	0		0
7	06:43:33	0	0	0	0	0	0	0	0	0	0	06:43:35	5	1	2	2	0	0	0	0	0	11		0	0	0	0	0	0	0	0	0	0		0
8	06:45:09	0	0	0	0	0	0	0	0	0	0	06:45:11	7	1	5	1	0	1	0	2	3	18		0	0	0	0	0	0	0	0	0	0		0
9	06:46:52	0	0	0	0	0	0	0	0	0	0	06:46:54	5	1	3	1	1	0	1	5	1	17		0	0	0	0	0	0	0	0	0	0		0
10	06:51:42	0	0	0	0	0	0	0	0	0	0	06:51:44	3	3	0	1	0	0	0	0	1	8	06:52:17	3	2	1	0	0	0	0	1	0	6	06:52:29	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:35	08:00:37	08:01:43	08:01:46	08:02:10	00:01:06	00:01:33	157	628
	2	08:03:47	08:03:49	08:04:58	08:05:01	08:05:30	00:01:09	00:01:41		
	3	08:10:16	08:10:18	08:11:29	08:11:32	08:11:53	00:01:11	00:01:35		
	4	08:11:53	08:11:55	08:13:02	08:13:05	08:13:24	00:01:07	00:01:29		
	5	08:13:24	08:13:26	08:14:26	08:14:29	08:15:05	00:01:00	00:01:39		
08:15 - 08:30	6	08:18:14	08:18:16	08:19:12	08:19:15	08:19:50	00:00:56	00:01:34	147	588
	7	08:19:52	08:19:52	08:21:04	08:21:07	08:21:23	00:01:12	00:01:31		
	8	08:21:23	08:21:25	08:22:25	08:22:28	08:23:02	00:01:00	00:01:37		
	9	08:23:02	08:23:04	08:24:16	08:24:19	08:24:34	00:01:12	00:01:31		
	10	08:24:34	08:24:36	08:25:48	08:25:51	08:26:14	00:01:12	00:01:38		
08:30 - 08:45	11	08:31:04	08:31:06	08:32:13	08:32:16	08:32:41	00:01:07	00:01:35	146	584
	12	08:32:41	08:32:43	08:33:54	08:33:57	08:34:16	00:01:11	00:01:33		
	13	08:34:16	08:34:18	08:35:26	08:35:29	08:35:54	00:01:08	00:01:36		
	14	08:37:29	08:37:31	08:38:42	08:38:45	08:39:05	00:01:11	00:01:34		
	15	08:40:42	08:40:44	08:41:55	08:41:58	08:42:17	00:01:11	00:01:33		
08:45 - 09:00	16	08:45:38	08:45:40	08:46:52	08:46:55	08:47:09	00:00:52	00:01:29	148	592
	17	08:47:09	08:47:11	08:48:04	08:48:07	08:48:42	00:00:53	00:01:31		
	18	08:48:42	08:48:44	08:49:39	08:49:42	08:50:18	00:00:55	00:01:34		
	19	08:51:53	08:51:55	08:52:45	08:52:48	08:53:29	00:00:50	00:01:34		
	20	08:54:56	08:54:58	08:56:16	08:56:19	08:56:41	00:01:18	00:01:43		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:30	17:00:32	17:01:38	17:01:41	17:02:04	00:01:06	00:01:32	130	520
	2	17:02:04	17:02:06	17:03:13	17:03:16	17:03:34	00:01:07	00:01:28		
	3	17:06:49	17:06:51	17:07:53	17:07:56	17:08:30	00:01:02	00:01:39		
	4	17:08:30	17:08:32	17:09:33	17:09:36	17:10:04	00:01:01	00:01:32		
	5	17:10:04	17:10:06	17:11:18	17:11:21	17:11:39	00:01:12	00:01:33		
17:15 - 17:30	6	17:16:29	17:16:31	17:17:31	17:17:34	17:18:01	00:01:00	00:01:30	137	548
	7	17:18:01	17:18:03	17:19:17	17:19:20	17:19:43	00:01:14	00:01:40		
	8	17:22:45	17:22:47	17:23:54	17:23:57	17:24:18	00:01:07	00:01:33		
	9	17:26:07	17:26:09	17:27:21	17:27:24	17:27:41	00:01:12	00:01:32		
	10	17:27:41	17:27:43	17:28:54	17:28:57	17:29:23	00:01:11	00:01:40		
17:30 - 17:45	11	17:31:20	17:31:22	17:32:45	17:32:48	17:33:12	00:01:23	00:01:52	209	836
	12	17:33:12	17:33:14	17:34:26	17:34:29	17:35:04	00:01:12	00:01:50		
	13	17:35:04	17:35:06	17:36:33	17:36:36	17:36:52	00:01:27	00:01:48		
	14	17:38:42	17:38:44	17:40:15	17:40:18	17:40:25	00:01:31	00:01:41		
	15	17:42:35	17:42:37	17:43:59	17:44:02	17:44:20	00:01:22	00:01:43		
17:45 - 18:00	16	17:46:13	17:46:15	17:47:37	17:47:40	17:48:09	00:01:22	00:01:54	184	736
	17	17:51:49	17:51:51	17:53:16	17:53:19	17:53:41	00:01:25	00:01:50		
	18	17:53:41	17:53:43	17:54:59	17:55:02	17:55:38	00:01:16	00:01:55		
	19	17:55:38	17:55:40	17:56:52	17:56:55	17:57:30	00:01:12	00:01:50		
	20	17:57:30	17:57:32	17:58:52	17:58:55	17:59:18	00:01:20	00:01:46		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
12	00:00:24	1785	
7	00:00:17	1462	
8	00:00:20	1458	
11	00:00:22	1718	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
5	00:00:12	1920	1673

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	157	628	00:01:35	00:01:07	1673	53.78%	
08:15 - 08:30	147	588	00:01:34	00:01:06	1673	49.76%	
08:30 - 08:45	146	584	00:01:34	00:01:10	1673	47.25%	Average
08:45 - 09:00	148	592	00:01:34	00:00:58	1673	57.88%	52.17%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	130	520	00:01:33	00:01:06	1673	43.08%	
17:15 - 17:30	137	548	00:01:35	00:01:09	1673	45.05%	
17:30 - 17:45	209	836	00:01:46	00:01:23	1673	63.83%	Average
17:45 - 18:00	184	736	00:01:51	00:01:19	1673	61.82%	53.67%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
1	0	1	0	0	0	1	0	3	06:24:02	2	0	0	0	0	0	0	0	0	2	06:24:05	0	0	0	0	0	0	0	0	0	06:24:23	00:01:30
0	0	1	0	0	0	1	0	9	06:26:59	1	0	0	0	0	0	0	0	0	1	06:27:02	0	0	0	0	0	0	0	0	0	06:27:43	00:01:43
0	1	0	1	0	0	0	1	5	06:28:46	2	0	0	0	0	0	0	0	0	2	06:28:49	0	0	0	0	0	0	0	0	0	06:29:11	00:01:26
0	2	0	0	0	0	0	1	3	06:35:09	1	0	0	0	0	0	0	0	0	1	06:35:12	0	0	0	0	0	0	0	0	0	06:35:37	00:01:31
0	0	0	0	0	0	0	0	0	06:38:17	2	0	1	0	0	0	0	0	0	3	06:38:20	0	0	0	0	0	0	0	1	0	06:38:53	00:01:34
0	0	0	0	0	0	0	0	0	06:43:04	0	0	0	0	0	0	0	0	0	0	06:43:07	0	0	0	0	0	0	0	0	0	06:43:33	00:01:26
0	0	0	0	0	0	0	0	0	06:44:30	0	0	0	0	0	0	0	0	0	0	06:44:33	0	0	0	0	0	0	0	0	0	06:45:09	00:01:34
0	0	0	0	0	0	0	0	0	06:46:25	0	0	0	0	0	0	0	0	0	0	06:46:28	0	0	0	0	0	0	0	0	0	06:46:52	00:01:41
0	0	0	0	0	0	0	0	0	06:47:57	0	0	0	0	0	0	0	0	0	0	06:48:00	0	0	0	0	0	0	0	0	0	06:48:27	00:01:33
0	0	0	0	0	0	0	0	0	06:52:49	0	1	0	0	0	0	0	0	0	1	06:52:52	0	0	0	0	0	0	0	0	0	06:53:16	00:01:32

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI0981
Site Number: Site 23
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand†										Time at Start of Full Demand†† (hh:mm:ss)	Vehicle Classifications During Full Demand††										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:15	0	0	0	0	0	0	0	0	0	0	06:04:17	6	2	1	0	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
2	06:08:37	0	0	0	0	0	0	0	0	0	0	06:08:39	2	2	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:10:03	0	0	0	0	0	0	0	0	0	0	06:10:05	1	1	3	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
4	06:14:46	0	0	0	0	0	0	0	0	0	0	06:14:48	7	1	0	0	0	0	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
5	06:22:51	0	0	0	0	0	0	0	0	0	0	06:22:53	0	0	2	0	0	0	0	0	0	2	06:23:03	8	0	0	0	0	0	0	0	0	8	06:23:22	15
6	06:25:57	0	0	0	0	0	0	0	0	0	0	06:25:59	1	0	1	0	0	0	0	0	0	2	06:26:06	7	0	0	0	0	0	0	1	0	7	06:26:25	7
7	06:27:43	0	0	0	0	0	0	0	0	0	0	06:27:45	2	0	0	0	0	0	0	0	0	2	06:27:49	16	0	8	1	0	1	0	0	0	28	06:28:46	0
8	06:30:46	0	0	0	0	0	0	0	0	0	0	06:30:48	4	0	2	0	0	0	0	0	0	6	06:31:29	13	0	3	0	0	0	0	0	0	16	06:31:59	0
9	06:32:28	0	0	0	0	0	0	0	0	0	0	06:32:30	2	0	0	0	0	0	0	0	0	2	06:32:51	16	1	5	1	0	0	0	1	0	24	06:33:35	0
10	06:35:37	0	0	0	0	0	0	0	0	0	0	06:35:39	2	0	0	0	0	0	0	0	0	2	06:35:50	5	0	2	0	0	0	0	0	0	7	06:36:01	11

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:35	08:00:37	08:01:43	08:01:46	08:02:10	00:01:06	00:01:33	204	816
	2	08:03:47	08:03:49	08:04:58	08:05:01	08:05:30	00:01:09	00:01:41		
	3	08:10:16	08:10:18	08:11:29	08:11:32	08:11:53	00:01:11	00:01:35		
	4	08:11:53	08:11:55	08:13:02	08:13:05	08:13:24	00:01:07	00:01:29		
	5	08:13:24	08:13:26	08:14:26	08:14:29	08:15:05	00:01:00	00:01:39		
08:15 - 08:30	6	08:18:14	08:18:16	08:19:12	08:19:15	08:19:50	00:00:56	00:01:34	218	872
	7	08:19:50	08:19:52	08:21:04	08:21:07	08:21:23	00:01:12	00:01:33		
	8	08:21:23	08:21:25	08:22:25	08:22:28	08:23:02	00:01:00	00:01:37		
	9	08:23:02	08:23:04	08:24:16	08:24:19	08:24:34	00:01:12	00:01:31		
	10	08:24:34	08:24:36	08:25:48	08:25:51	08:26:14	00:01:12	00:01:38		
08:30 - 08:45	11	08:31:04	08:31:06	08:32:13	08:32:16	08:32:41	00:01:07	00:01:35	208	832
	12	08:32:41	08:32:43	08:33:54	08:33:57	08:34:16	00:01:11	00:01:33		
	13	08:34:16	08:34:18	08:35:26	08:35:29	08:35:54	00:01:08	00:01:36		
	14	08:37:29	08:37:31	08:38:42	08:38:45	08:39:05	00:01:13	00:01:34		
	15	08:40:42	08:40:44	08:41:55	08:41:58	08:42:17	00:01:11	00:01:33		
08:45 - 09:00	16	08:45:38	08:45:40	08:46:52	08:46:55	08:47:09	00:00:52	00:01:29	205	820
	17	08:47:09	08:47:11	08:48:04	08:48:07	08:48:42	00:00:53	00:01:31		
	18	08:48:42	08:48:44	08:49:39	08:49:42	08:50:18	00:00:55	00:01:34		
	19	08:51:53	08:51:55	08:52:45	08:52:48	08:53:29	00:00:50	00:01:34		
	20	08:54:56	08:54:58	08:56:16	08:56:19	08:56:41	00:01:18	00:01:43		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:30	17:00:32	17:01:38	17:01:41	17:02:04	00:01:06	00:01:32	152	608
	2	17:02:04	17:02:06	17:03:13	17:03:16	17:03:34	00:01:07	00:01:28		
	3	17:06:49	17:06:51	17:07:53	17:07:56	17:08:30	00:01:02	00:01:39		
	4	17:08:30	17:08:32	17:09:33	17:09:36	17:10:04	00:01:01	00:01:32		
	5	17:10:04	17:10:06	17:11:18	17:11:21	17:11:39	00:01:12	00:01:33		
17:15 - 17:30	6	17:16:29	17:16:31	17:17:31	17:17:34	17:18:01	00:01:00	00:01:30	168	672
	7	17:18:01	17:18:03	17:19:17	17:19:20	17:19:43	00:01:14	00:01:40		
	8	17:22:45	17:22:47	17:23:54	17:23:57	17:24:18	00:01:07	00:01:33		
	9	17:26:07	17:26:09	17:27:21	17:27:24	17:27:41	00:01:12	00:01:32		
	10	17:27:41	17:27:43	17:28:54	17:28:57	17:29:23	00:01:11	00:01:40		
17:30 - 17:45	11	17:31:20	17:31:22	17:32:45	17:32:48	17:33:12	00:01:23	00:01:52	212	848
	12	17:33:12	17:33:14	17:34:26	17:34:29	17:35:04	00:01:12	00:01:50		
	13	17:35:04	17:35:06	17:36:33	17:36:36	17:36:52	00:01:27	00:01:48		
	14	17:38:42	17:38:44	17:40:15	17:40:18	17:40:25	00:01:31	00:01:41		
	15	17:42:35	17:42:37	17:43:59	17:44:02	17:44:20	00:01:22	00:01:43		
17:45 - 18:00	16	17:46:13	17:46:15	17:47:37	17:47:40	17:48:09	00:01:22	00:01:54	193	772
	17	17:51:49	17:51:51	17:53:16	17:53:19	17:53:41	00:01:25	00:01:50		
	18	17:53:41	17:53:43	17:54:59	17:55:02	17:55:38	00:01:16	00:01:55		
	19	17:55:38	17:55:40	17:56:52	17:56:55	17:57:30	00:01:12	00:01:50		
	20	17:57:30	17:57:32	17:58:52	17:58:55	17:59:18	00:01:20	00:01:46		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
8	00:00:19	1516	
7	00:00:19	1402	
28	00:00:57	1737	
16	00:00:30	1920	
24	00:00:44	1955	Average
7	00:00:11	2291	1804

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	204	816	00:01:35	00:01:07	1804	84.81%	
08:15 - 08:30	218	872	00:01:34	00:01:06	1804	88.45%	
08:30 - 08:45	208	832	00:01:34	00:01:10	1804	82.44%	Average
08:45 - 09:00	205	820	00:01:34	00:00:58	1804	74.36%	87.51%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	152	608	00:01:33	00:01:06	1804	47.69%	
17:15 - 17:30	168	672	00:01:35	00:01:09	1804	51.23%	
17:30 - 17:45	212	848	00:01:46	00:01:23	1804	60.05%	Average
17:45 - 18:00	193	772	00:01:51	00:01:19	1804	69.14%	54.78%

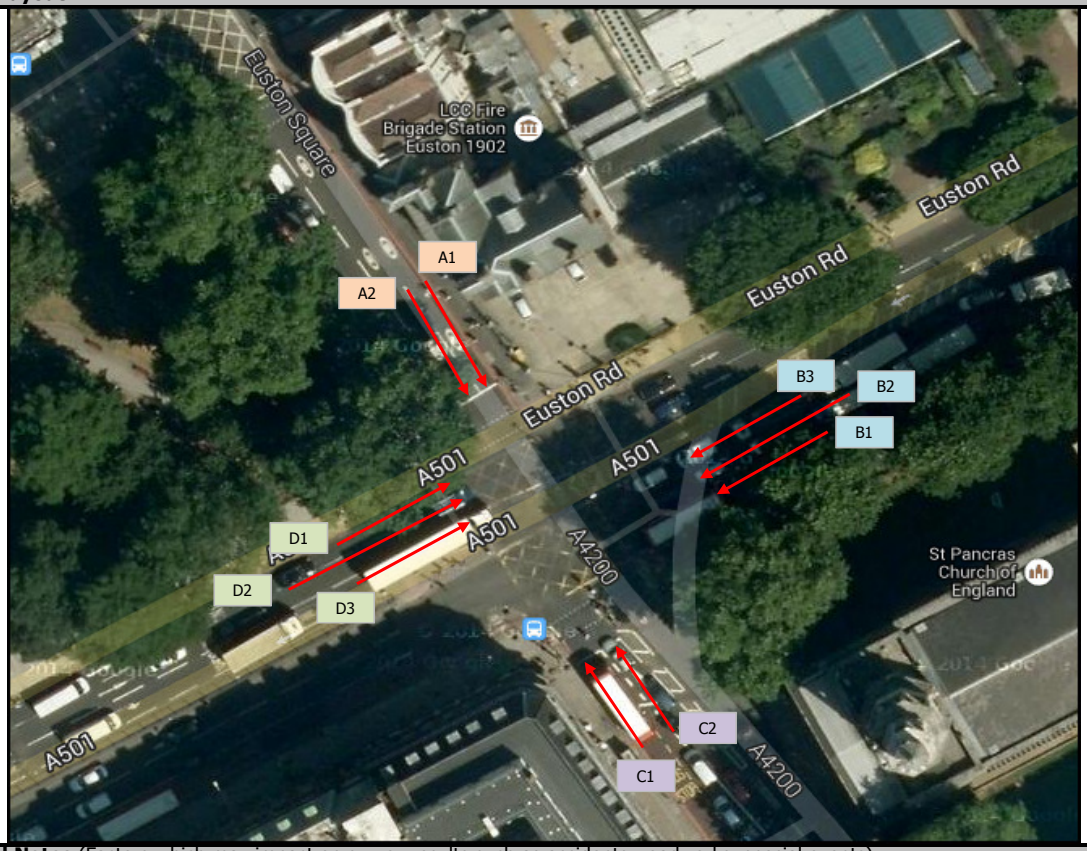
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:17	0	0	0	0	0	0	0	0	0	0	06:05:20	0	0	0	0	0	0	0	0	0	0	06:05:37	00:01:20
0	0	0	0	0	0	0	0	0	06:09:44	0	0	0	0	0	0	0	0	0	0	06:09:47	0	0	0	0	0	0	0	0	0	0	06:10:04	00:01:25
0	0	0	0	0	0	0	0	0	06:11:00	1	0	0	0	0	0	0	0	0	1	06:11:03	0	0	0	0	0	0	0	0	0	0	06:11:35	00:01:30
0	0	0	0	0	0	0	0	0	06:16:02	0	0	0	0	0	0	0	0	0	0	06:16:05	0	0	0	0	0	0	0	0	0	0	06:16:38	00:01:40
0	2	0	0	0	0	1	0	17	06:24:02	1	0	0	0	0	0	0	0	0	1	06:24:05	0	0	0	0	0	0	0	0	0	0	06:24:23	00:01:30
0	2	0	1	0	0	0	0	11	06:26:59	0	0	1	0	0	0	0	0	0	1	06:27:02	0	0	1	0	0	0	0	0	0	1	06:27:42	00:01:43
0	0	0	0	0	0	0	0	0	06:28:46	1	0	0	0	0	0	0	0	0	1	06:28:49	0	0	0	0	0	0	0	0	0	0	06:29:11	00:01:26
0	0	0	0	0	0	0	0	0	06:32:02	0	0	0	0	0	0	0	0	0	0	06:32:05	0	0	0	0	0	0	0	0	0	0	06:32:27	00:01:39
0	0	0	0	0	0	0	0	0	06:33:35	0	0	0	0	0	0	0	0	0	0	06:33:38	0	0	0	0	0	0	0	0	0	0	06:34:04	00:01:34
0	4	0	0	0	0	0	0	15	06:37:05	2	0	0	0	0	0	0	0	0	2	06:37:08	0	0	0	0	0	0	0	0	0	0	06:37:16	00:01:37

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 24
Date of Survey: 12.06.2014
Junction Name: Euston Road / Upper Woburn Place / Euston Square
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.527322	-0.130807	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Lane B1 includes the left turn vehicles, and people using the small flare to go straight on.

There is a broken down vehicle in lane D1 from 17:05 to 17:25.

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:01	0	0	0	0	0	0	0	0	0	0	06:01:03	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:03:55	0	0	0	0	0	0	0	0	0	0	06:03:57	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:13:04	0	0	0	0	0	0	0	0	0	0	06:13:06	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:21:04	0	0	0	0	0	0	0	0	0	0	06:21:06	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:24:16	0	0	0	0	0	0	0	0	1	0	06:24:18	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:30:40	0	0	0	0	0	0	0	0	0	0	06:30:42	1	0	0	0	0	0	0	0	1	1		0	0	0	0	0	0	0	0	0	0		0
7	06:35:29	0	0	0	0	0	0	0	0	0	0	06:35:31	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:40:16	0	0	0	0	0	0	0	0	0	0	06:40:18	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:51:28	0	0	0	0	0	0	0	0	0	0	06:51:30	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:54:40	0	0	0	0	0	0	0	0	0	0	06:54:42	1	0	0	1	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:01	08:02:03	08:02:20	08:02:23	08:03:37	00:00:17	00:01:34	39	156
	2	08:06:53	08:06:55	08:07:13	08:07:16	08:08:27	00:00:18	00:01:32		
	3	08:10:06	08:10:08	08:10:25	08:10:28	08:11:41	00:00:17	00:01:33		
	4	08:11:41	08:11:43	08:12:01	08:12:04	08:13:14	00:00:18	00:01:31		
	5	08:13:14	08:13:16	08:13:34	08:13:37	08:14:50	00:00:18	00:01:34		
08:15 - 08:30	6	08:16:27	08:16:29	08:16:47	08:16:50	08:18:04	00:00:18	00:01:35	34	136
	7	08:19:39	08:19:41	08:19:59	08:20:02	08:21:15	00:00:18	00:01:34		
	8	08:22:51	08:22:53	08:23:11	08:23:14	08:24:27	00:00:18	00:01:34		
	9	08:24:27	08:24:29	08:24:47	08:24:50	08:26:02	00:00:18	00:01:33		
	10	08:26:02	08:26:04	08:26:22	08:26:25	08:27:42	00:00:18	00:01:38		
08:30 - 08:45	11	08:30:54	08:30:56	08:31:14	08:31:17	08:32:30	00:00:18	00:01:34	34	136
	12	08:35:42	08:35:44	08:36:02	08:36:05	08:37:18	00:00:18	00:01:34		
	13	08:38:54	08:38:56	08:39:14	08:39:17	08:40:30	00:00:18	00:01:34		
	14	08:40:30	08:40:32	08:40:50	08:40:53	08:42:06	00:00:18	00:01:34		
	15	08:42:06	08:42:08	08:42:26	08:42:29	08:43:42	00:00:18	00:01:34		
08:45 - 09:00	16	08:45:16	08:45:18	08:45:36	08:45:39	08:46:54	00:00:18	00:01:36	33	132
	17	08:50:06	08:50:08	08:50:26	08:50:29	08:51:39	00:00:18	00:01:33		
	18	08:51:39	08:51:41	08:52:00	08:52:03	08:53:17	00:00:19	00:01:36		
	19	08:53:17	08:53:19	08:53:37	08:53:40	08:54:54	00:00:18	00:01:35		
	20	08:54:54	08:54:56	08:55:14	08:55:17	08:56:30	00:00:18	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:19	17:01:21	17:01:39	17:01:42	17:02:58	00:00:18	00:01:37	16	64
	2	17:04:33	17:04:35	17:04:53	17:04:56	17:06:12	00:00:18	00:01:37		
	3	17:07:44	17:07:46	17:08:06	17:08:09	17:09:22	00:00:20	00:01:36		
	4	17:10:58	17:11:00	17:11:24	17:11:27	17:12:35	00:00:24	00:01:35		
	5	17:12:35	17:12:37	17:12:55	17:12:58	17:14:10	00:00:18	00:01:33		
17:15 - 17:30	6	17:15:49	17:15:51	17:16:09	17:16:12	17:17:28	00:00:18	00:01:37	20	80
	7	17:20:34	17:20:36	17:20:55	17:20:58	17:22:09	00:00:19	00:01:33		
	8	17:22:09	17:22:11	17:22:35	17:22:38	17:23:45	00:00:24	00:01:34		
	9	17:23:45	17:23:47	17:24:12	17:24:15	17:25:17	00:00:25	00:01:30		
	10	17:26:54	17:26:56	17:27:24	17:27:27	17:28:48	00:00:28	00:01:52		
17:30 - 17:45	11	17:30:41	17:30:43	17:31:10	17:31:13	17:32:33	00:00:27	00:01:50	17	68
	12	17:34:25	17:34:27	17:34:53	17:34:56	17:36:15	00:00:26	00:01:48		
	13	17:38:08	17:38:10	17:38:37	17:38:40	17:40:03	00:00:27	00:01:53		
	14	17:40:03	17:40:05	17:40:32	17:40:35	17:41:56	00:00:27	00:01:53		
	15	17:41:56	17:41:58	17:42:25	17:42:28	17:43:48	00:00:27	00:01:50		
17:45 - 18:00	16	17:45:39	17:45:41	17:46:09	17:46:12	17:47:32	00:00:28	00:01:51	22	88
	17	17:49:23	17:49:25	17:49:52	17:49:55	17:51:15	00:00:27	00:01:50		
	18	17:51:15	17:51:17	17:51:45	17:51:48	17:53:07	00:00:28	00:01:50		
	19	17:53:07	17:53:09	17:53:36	17:53:39	17:55:05	00:00:27	00:01:56		
	20	17:55:05	17:55:07	17:55:30	17:55:33	17:56:53	00:00:23	00:01:46		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	39	156	00:01:33	00:00:18	0	0.00%	
08:15 - 08:30	34	136	00:01:35	00:00:18	0	0.00%	
08:30 - 08:45	34	136	00:01:34	00:00:18	0	0.00%	Average
08:45 - 09:00	33	132	00:01:34	00:00:18	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	16	64	00:01:36	00:00:20	0	0.00%	
17:15 - 17:30	20	80	00:01:37	00:00:23	0	0.00%	
17:30 - 17:45	17	68	00:01:50	00:00:27	0	0.00%	Average
17:45 - 18:00	22	88	00:01:51	00:00:27	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:21	0	0	0	0	0	0	0	0	0	0	06:01:24	0	0	0	0	0	0	0	0	0	0	06:02:28	00:01:25
0	0	0	0	0	0	0	0	0	06:04:15	0	0	0	0	0	0	0	0	0	0	06:04:18	0	0	0	0	0	0	0	0	0	0	06:05:23	00:01:26
0	0	0	0	0	0	0	0	0	06:13:24	0	0	0	0	0	0	0	0	0	0	06:13:27	0	0	0	0	0	0	0	0	0	0	06:14:40	00:01:34
0	0	0	0	0	0	0	0	0	06:21:24	0	0	0	0	0	0	0	0	0	0	06:21:27	0	0	0	0	0	0	0	0	0	0	06:22:40	00:01:34
0	0	0	0	0	0	0	0	0	06:24:36	0	0	0	0	0	0	0	0	0	0	06:24:39	0	0	0	0	0	0	0	0	0	0	06:25:52	00:01:34
0	0	0	0	0	0	0	0	0	06:31:00	0	0	0	0	0	0	0	0	0	0	06:31:03	0	0	0	0	0	0	0	0	0	0	06:32:16	00:01:34
0	0	0	0	0	0	0	0	0	06:35:49	0	0	0	0	0	0	0	0	0	0	06:35:52	0	0	0	0	0	0	0	0	0	0	06:37:05	00:01:34
0	0	0	0	0	0	0	0	0	06:40:36	0	0	0	0	0	0	0	0	0	0	06:40:39	0	0	0	0	0	0	0	0	0	0	06:41:52	00:01:34
0	0	0	0	0	0	0	0	0	06:51:48	0	0	0	0	0	0	0	0	0	0	06:51:51	0	0	0	0	0	0	0	0	1	0	06:53:04	00:01:34
0	0	0	0	0	0	0	0	0	06:55:00	0	0	0	0	0	0	0	0	0	0	06:55:03	0	0	0	0	0	0	0	0	0	0	06:56:16	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*									Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:01	0	0	0	0	0	0	0	0	0	0	06:01:03	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:03:55	0	0	0	0	0	0	0	0	0	0	06:03:57	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:13:04	0	0	0	0	0	0	0	0	0	0	06:13:06	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:21:04	0	0	0	0	0	0	0	0	0	0	06:21:06	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:24:16	0	0	0	0	0	0	0	0	0	0	06:24:18	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:30:40	0	0	0	0	0	0	0	0	0	0	06:30:42	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:35:29	0	0	0	0	0	0	0	0	0	0	06:35:31	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:40:16	0	0	0	0	0	0	0	0	0	0	06:40:18	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:51:28	0	0	0	0	0	0	0	0	0	0	06:51:30	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:54:40	0	0	0	0	0	0	0	0	0	0	06:54:42	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:01	08:02:03	08:02:20	08:02:23	08:03:37	00:00:17	00:01:34	26	104
	2	08:06:53	08:06:55	08:07:13	08:07:16	08:08:27	00:00:18	00:01:32		
	3	08:10:06	08:10:08	08:10:25	08:10:28	08:11:41	00:00:17	00:01:33		
	4	08:11:41	08:11:43	08:12:01	08:12:04	08:13:14	00:00:18	00:01:31		
	5	08:13:14	08:13:16	08:13:34	08:13:37	08:14:50	00:00:18	00:01:34		
08:15 - 08:30	6	08:16:27	08:16:29	08:16:47	08:16:50	08:18:04	00:00:18	00:01:35	26	104
	7	08:19:39	08:19:41	08:19:59	08:20:02	08:21:15	00:00:18	00:01:34		
	8	08:22:51	08:22:53	08:23:11	08:23:14	08:24:27	00:00:18	00:01:34		
	9	08:24:27	08:24:29	08:24:47	08:24:50	08:26:02	00:00:18	00:01:33		
	10	08:26:02	08:26:04	08:26:22	08:26:25	08:27:42	00:00:18	00:01:38		
08:30 - 08:45	11	08:30:54	08:30:56	08:31:14	08:31:17	08:32:30	00:00:18	00:01:34	28	112
	12	08:35:42	08:35:44	08:36:02	08:36:05	08:37:18	00:00:18	00:01:34		
	13	08:38:54	08:38:56	08:39:14	08:39:17	08:40:30	00:00:18	00:01:34		
	14	08:40:30	08:40:32	08:40:50	08:40:53	08:42:06	00:00:18	00:01:34		
	15	08:42:06	08:42:08	08:42:26	08:42:29	08:43:42	00:00:18	00:01:34		
08:45 - 09:00	16	08:45:16	08:45:18	08:45:36	08:45:39	08:46:54	00:00:18	00:01:36	40	160
	17	08:50:06	08:50:08	08:50:26	08:50:29	08:51:39	00:00:18	00:01:31		
	18	08:51:39	08:51:41	08:52:00	08:52:03	08:53:17	00:00:19	00:01:36		
	19	08:53:17	08:53:19	08:53:37	08:53:40	08:54:54	00:00:18	00:01:35		
	20	08:54:54	08:54:56	08:55:14	08:55:17	08:56:30	00:00:18	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:39	17:01:21	17:01:39	17:01:42	17:02:58	00:00:18	00:01:37	26	104
	2	17:04:13	17:04:35	17:04:53	17:04:56	17:06:12	00:00:18	00:01:37		
	3	17:07:44	17:07:46	17:08:06	17:08:09	17:09:22	00:00:20	00:01:36		
	4	17:10:58	17:11:00	17:11:24	17:11:27	17:12:35	00:00:24	00:01:35		
	5	17:12:35	17:12:37	17:12:55	17:12:58	17:14:10	00:00:18	00:01:33		
17:15 - 17:30	6	17:15:49	17:15:51	17:16:09	17:16:12	17:17:28	00:00:18	00:01:37	34	136
	7	17:20:34	17:20:36	17:20:55	17:20:58	17:22:09	00:00:19	00:01:33		
	8	17:22:09	17:22:11	17:22:35	17:22:38	17:23:45	00:00:24	00:01:34		
	9	17:23:45	17:23:47	17:24:12	17:24:15	17:25:17	00:00:25	00:01:30		
	10	17:26:54	17:26:56	17:27:24	17:27:27	17:28:48	00:00:28	00:01:52		
17:30 - 17:45	11	17:30:41	17:30:43	17:31:10	17:31:13	17:32:33	00:00:27	00:01:50	23	92
	12	17:34:25	17:34:27	17:34:53	17:34:56	17:36:15	00:00:26	00:01:48		
	13	17:38:08	17:38:10	17:38:37	17:38:40	17:40:03	00:00:27	00:01:53		
	14	17:40:03	17:40:05	17:40:32	17:40:35	17:41:56	00:00:27	00:01:51		
	15	17:41:56	17:41:58	17:42:25	17:42:28	17:43:48	00:00:27	00:01:50		
17:45 - 18:00	16	17:45:39	17:45:41	17:46:09	17:46:12	17:47:32	00:00:28	00:01:51	16	64
	17	17:49:23	17:49:25	17:49:52	17:49:55	17:51:15	00:00:27	00:01:50		
	18	17:51:15	17:51:17	17:51:45	17:51:48	17:53:07	00:00:28	00:01:50		
	19	17:53:07	17:53:09	17:53:36	17:53:39	17:55:05	00:00:27	00:01:56		
	20	17:55:05	17:55:07	17:55:30	17:55:33	17:56:53	00:00:23	00:01:46		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	26	104	00:01:33	00:00:18	0	0.00%	
08:15 - 08:30	26	104	00:01:35	00:00:18	0	0.00%	
08:30 - 08:45	28	112	00:01:34	00:00:18	0	0.00%	Average
08:45 - 09:00	40	160	00:01:34	00:00:18	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	26	104	00:01:36	00:00:20	0	0.00%	
17:15 - 17:30	34	136	00:01:37	00:00:23	0	0.00%	
17:30 - 17:45	23	92	00:01:50	00:00:27	0	0.00%	Average
17:45 - 18:00	16	64	00:01:51	00:00:27	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:21	0	0	0	0	0	0	0	0	0	0	06:01:24	0	0	0	0	0	0	0	0	0	0	06:02:28	00:01:25
0	0	0	0	0	0	0	0	0	06:04:15	0	0	0	0	0	0	0	0	0	0	06:04:18	0	0	0	0	0	0	0	0	0	0	06:05:23	00:01:26
0	0	0	0	0	0	0	0	0	06:13:24	0	0	0	0	0	0	0	0	0	0	06:13:27	0	0	0	0	0	0	0	0	0	0	06:14:40	00:01:34
0	0	0	0	0	0	0	0	0	06:21:24	0	0	0	0	0	0	0	0	0	0	06:21:27	0	0	0	0	0	0	0	0	0	0	06:22:40	00:01:34
0	0	0	0	0	0	0	0	0	06:24:36	0	0	0	0	0	0	0	0	0	0	06:24:39	0	0	0	0	0	0	0	0	0	0	06:25:52	00:01:34
0	0	0	0	0	0	0	0	0	06:31:00	0	0	0	0	0	0	0	0	0	0	06:31:03	0	0	0	0	0	0	0	0	0	0	06:32:16	00:01:34
0	0	0	0	0	0	0	0	0	06:35:49	0	0	0	0	0	0	0	0	0	0	06:35:52	0	0	0	0	0	0	0	0	0	0	06:37:05	00:01:34
0	0	0	0	0	0	0	0	0	06:40:36	0	0	0	0	0	0	0	0	0	0	06:40:39	0	0	0	0	0	0	0	0	0	0	06:41:52	00:01:34
0	0	0	0	0	0	0	0	0	06:51:48	0	0	0	0	0	0	0	0	0	0	06:51:51	0	0	0	0	0	0	0	0	0	0	06:53:04	00:01:34
0	0	0	0	0	0	0	0	0	06:55:00	0	0	0	0	0	0	0	0	0	0	06:55:03	0	0	0	0	0	0	0	0	0	0	06:56:16	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:37	0	0	0	0	0	0	0	0	0	0	06:05:39	0	0	1	0	0	0	1	1	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:07:05	0	0	0	0	0	0	0	0	0	0	06:07:07	2	0	0	0	0	0	1	2	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:13:09	0	0	0	0	0	0	0	0	0	0	06:13:11	1	1	0	0	0	0	0	1	3	3		0	0	0	0	0	0	0	0	0	0		0
4	06:16:22	0	0	0	0	0	0	0	0	0	0	06:16:24	5	2	1	0	0	1	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
5	06:27:34	0	0	0	0	0	0	0	0	0	0	06:27:36	1	4	0	0	0	0	0	2	1	6		0	0	0	0	0	0	0	0	0	0		0
6	06:33:58	0	0	0	0	0	0	0	0	0	0	06:34:00	0	2	0	0	0	1	0	2	1	5		0	0	0	0	0	0	0	0	0	0		0
7	06:35:35	0	0	0	0	0	0	0	0	0	0	06:35:37	0	2	0	0	0	2	0	0	2	6		0	0	0	0	0	0	0	0	0	0		0
8	06:41:58	0	0	0	0	0	0	0	0	0	0	06:42:00	2	5	1	0	0	2	0	1	0	12		0	0	0	0	0	0	0	0	0	0		0
9	06:48:22	0	0	0	0	0	0	0	0	0	0	06:48:24	4	1	0	0	0	0	0	0	1	5	06:48:51	2	3	2	0	0	0	0	0	2	8	06:49:04	0
10	06:53:10	0	0	0	0	0	0	0	0	0	0	06:53:12	1	1	1	1	0	0	0	2	3	6		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:05:18	08:05:20	08:06:05	08:06:08	08:06:57	00:00:45	00:01:37	125	500
	2	08:06:57	08:06:59	08:07:43	08:07:46	08:08:35	00:00:44	00:01:36		
	3	08:08:35	08:08:37	08:09:20	08:09:23	08:10:08	00:00:43	00:01:31		
	4	08:10:08	08:10:10	08:10:58	08:11:01	08:11:47	00:00:48	00:01:37		
	5	08:11:47	08:11:49	08:12:32	08:12:35	08:13:23	00:00:43	00:01:34		
08:15 - 08:30	6	08:19:46	08:19:48	08:20:32	08:20:35	08:21:21	00:00:44	00:01:33	138	552
	7	08:21:23	08:21:23	08:22:08	08:22:08	08:22:59	00:00:42	00:01:36		
	8	08:24:33	08:24:35	08:25:19	08:25:22	08:26:08	00:00:44	00:01:33		
	9	08:26:08	08:26:10	08:26:55	08:26:58	08:27:44	00:00:45	00:01:34		
	10	08:27:44	08:27:46	08:28:31	08:28:34	08:29:23	00:00:49	00:01:37		
08:30 - 08:45	11	08:32:36	08:32:38	08:33:20	08:33:23	08:34:10	00:00:42	00:01:32	139	556
	12	08:34:10	08:34:12	08:34:56	08:34:59	08:35:48	00:00:44	00:01:36		
	13	08:35:48	08:35:50	08:36:32	08:36:35	08:37:24	00:00:42	00:01:34		
	14	08:37:24	08:37:26	08:38:08	08:38:11	08:39:01	00:00:42	00:01:35		
	15	08:39:01	08:39:03	08:39:44	08:39:47	08:40:38	00:00:41	00:01:35		
08:45 - 09:00	16	08:46:58	08:47:00	08:47:44	08:47:47	08:48:38	00:00:44	00:01:38	134	536
	17	08:50:12	08:50:14	08:50:58	08:51:01	08:51:48	00:00:44	00:01:34		
	18	08:51:48	08:51:50	08:52:32	08:52:35	08:53:24	00:00:42	00:01:34		
	19	08:54:59	08:55:01	08:55:43	08:55:46	08:56:35	00:00:42	00:01:34		
	20	08:56:35	08:56:37	08:57:19	08:57:22	08:58:11	00:00:42	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:07	17:02:09	17:02:45	17:02:48	17:03:36	00:00:35	00:01:27	113	452
	2	17:03:36	17:03:38	17:04:24	17:04:27	17:05:14	00:00:46	00:01:36		
	3	17:10:04	17:10:06	17:10:50	17:10:53	17:11:42	00:00:44	00:01:36		
	4	17:11:42	17:11:44	17:12:23	17:12:26	17:13:26	00:00:39	00:01:42		
	5	17:14:52	17:14:54	17:15:38	17:15:41	17:16:28	00:00:44	00:01:34		
17:15 - 17:30	6	17:18:06	17:18:08	17:18:53	17:18:56	17:19:45	00:00:45	00:01:37	123	492
	7	17:19:45	17:19:47	17:20:25	17:20:28	17:21:17	00:00:38	00:01:30		
	8	17:26:14	17:26:16	17:26:47	17:26:50	17:27:41	00:00:31	00:01:25		
	9	17:27:41	17:27:43	17:28:28	17:28:31	17:29:25	00:00:45	00:01:42		
	10	17:29:25	17:29:27	17:30:20	17:30:23	17:31:20	00:00:53	00:01:53		
17:30 - 17:45	11	17:31:20	17:31:22	17:32:11	17:32:14	17:33:12	00:00:49	00:01:50	137	548
	12	17:33:12	17:33:14	17:34:04	17:34:07	17:35:04	00:00:50	00:01:50		
	13	17:35:04	17:35:06	17:35:55	17:35:58	17:36:56	00:00:49	00:01:50		
	14	17:36:56	17:36:58	17:37:48	17:37:51	17:38:45	00:00:50	00:01:47		
	15	17:40:39	17:40:41	17:41:36	17:41:39	17:42:34	00:00:55	00:01:53		
17:45 - 18:00	16	17:48:10	17:48:12	17:49:04	17:49:07	17:50:03	00:00:52	00:01:51	139	556
	17	17:50:05	17:50:07	17:50:47	17:50:50	17:51:55	00:00:40	00:01:48		
	18	17:51:55	17:51:57	17:52:45	17:52:48	17:53:47	00:00:48	00:01:50		
	19	17:53:47	17:53:49	17:54:38	17:54:41	17:55:38	00:00:49	00:01:49		
	20	17:55:38	17:55:40	17:56:35	17:56:38	17:57:31	00:00:55	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
8	00:00:13	2160	Average
0	00:00:00	0	2160

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	125	500	00:01:35	00:00:45	2160	46.31%	
08:15 - 08:30	138	552	00:01:35	00:00:44	2160	54.94%	
08:30 - 08:45	139	556	00:01:34	00:00:42	2160	57.58%	Average
08:45 - 09:00	134	536	00:01:35	00:00:43	2160	54.96%	54.20%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	113	452	00:01:35	00:00:42	2160	47.56%	
17:15 - 17:30	123	492	00:01:37	00:00:42	2160	52.12%	
17:30 - 17:45	137	548	00:01:50	00:00:51	2160	55.15%	Average
17:45 - 18:00	139	556	00:01:50	00:00:49	2160	57.92%	53.26%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:16	0	0	0	0	0	0	0	0	0	0	06:06:19	0	0	0	0	0	0	0	0	0	0	06:07:05	00:01:26
0	0	0	0	0	0	0	0	0	06:07:44	0	0	0	0	0	0	0	0	0	0	06:07:47	0	0	0	0	0	0	0	0	0	0	06:08:36	00:01:29
0	0	0	0	0	0	0	0	0	06:13:56	0	0	0	0	0	0	0	1	0	0	06:13:59	0	0	0	0	0	0	0	0	0	0	06:14:46	00:01:35
0	0	0	0	0	0	0	0	0	06:17:06	0	1	0	0	0	0	0	0	1	0	06:17:09	0	0	0	0	0	0	0	0	0	0	06:17:58	00:01:34
0	0	0	0	0	0	0	0	0	06:28:18	0	0	0	0	0	0	0	0	0	0	06:28:21	0	0	0	0	0	0	0	0	1	0	06:29:09	00:01:33
0	0	0	0	0	0	0	0	0	06:34:43	0	0	0	0	0	0	0	0	0	0	06:34:46	0	0	0	0	0	0	0	0	0	0	06:35:35	00:01:35
0	0	0	0	0	0	0	0	0	06:36:19	0	0	0	0	0	0	0	0	0	0	06:36:22	0	0	0	0	0	0	0	0	0	0	06:37:11	00:01:34
0	0	0	0	0	0	0	0	0	06:42:42	0	0	0	0	0	0	0	0	0	0	06:42:45	0	0	0	0	0	0	0	0	0	0	06:43:34	00:01:34
0	0	0	0	0	0	0	0	0	06:49:06	0	0	0	0	0	0	1	0	0	0	06:49:09	0	0	0	0	0	0	0	0	0	0	06:49:58	00:01:34
0	0	0	0	0	0	0	0	0	06:53:54	0	0	0	0	0	0	0	1	0	0	06:53:57	0	0	0	0	0	0	0	0	0	0	06:54:46	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand*† (hh:mm:ss)	Vehicle Classifications During Full Demand*†										Time at End of Full Demand*† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:37	0	0	0	0	0	0	0	0	0	0	06:05:39	2	0	0	0	0	0	0	0	0	2	06:05:48	6	0	4	1	2	0	0	0	0	16	06:06:16	0
2	06:07:05	0	0	0	0	0	0	0	0	0	0	06:07:07	0	0	2	0	0	0	0	0	0	2	06:07:13	3	0	1	2	1	0	0	0	0	9	06:07:30	0
3	06:13:09	0	0	0	0	0	0	0	0	0	0	06:13:11	1	0	0	0	0	0	1	0	0	3	06:13:21	5	1	0	0	1	0	0	0	0	8	06:13:38	0
4	06:16:22	0	0	0	0	0	0	0	0	0	0	06:16:24	1	0	1	0	0	0	0	0	0	2	06:16:29	6	1	0	0	0	0	0	0	0	9	06:16:47	0
5	06:27:34	0	0	0	0	0	0	0	0	0	0	06:27:36	2	0	0	0	0	0	0	0	0	2	06:27:39	7	0	4	1	0	0	0	0	0	13	06:28:02	0
6	06:33:58	0	0	0	0	0	0	0	0	0	0	06:34:00	1	0	0	0	0	0	1	1	0	3	06:34:08	10	0	3	1	0	0	1	0	0	17	06:34:38	0
7	06:35:35	0	0	0	0	0	0	0	0	0	0	06:35:37	2	0	0	0	0	0	0	0	0	2	06:35:42	9	0	3	0	0	0	0	0	0	12	06:36:03	0
8	06:41:58	0	0	0	0	0	0	0	0	0	0	06:42:00	1	0	1	0	0	0	0	0	0	2	06:42:05	7	0	1	0	0	0	0	0	0	8	06:42:17	5
9	06:48:22	0	0	0	0	0	0	0	0	0	0	06:48:24	0	0	2	0	0	0	0	0	0	2	06:48:29	12	0	1	0	0	0	0	0	0	14	06:48:54	2
10	06:53:10	0	0	0	0	0	0	0	0	0	0	06:53:12	1	0	1	0	0	0	0	0	0	2	06:53:17	3	0	1	1	0	1	0	0	0	8	06:53:31	3

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:05:18	08:05:20	08:06:05	08:06:08	08:06:57	00:00:45	00:01:37	145	580
	2	08:06:57	08:06:59	08:07:43	08:07:46	08:08:35	00:00:44	00:01:36		
	3	08:08:35	08:08:37	08:09:20	08:09:23	08:10:08	00:00:43	00:01:31		
	4	08:10:08	08:10:10	08:10:58	08:11:01	08:11:47	00:00:48	00:01:37		
	5	08:11:47	08:11:49	08:12:32	08:12:35	08:13:23	00:00:43	00:01:34		
08:15 - 08:30	6	08:19:46	08:19:48	08:20:32	08:20:35	08:21:21	00:00:44	00:01:33	144	576
	7	08:21:23	08:21:23	08:22:05	08:22:08	08:22:59	00:00:42	00:01:36		
	8	08:24:33	08:24:35	08:25:19	08:25:22	08:26:08	00:00:44	00:01:33		
	9	08:26:08	08:26:10	08:26:55	08:26:58	08:27:44	00:00:45	00:01:34		
	10	08:27:44	08:27:46	08:28:31	08:28:34	08:29:23	00:00:49	00:01:37		
08:30 - 08:45	11	08:32:36	08:32:38	08:33:20	08:33:23	08:34:10	00:00:42	00:01:32	132	528
	12	08:34:10	08:34:12	08:34:56	08:34:59	08:35:48	00:00:48	00:01:36		
	13	08:35:48	08:35:50	08:36:32	08:36:35	08:37:24	00:00:42	00:01:34		
	14	08:37:24	08:37:26	08:38:08	08:38:11	08:39:01	00:00:42	00:01:35		
	15	08:39:01	08:39:03	08:39:44	08:39:47	08:40:38	00:00:41	00:01:35		
08:45 - 09:00	16	08:46:58	08:47:00	08:47:44	08:47:47	08:48:38	00:00:44	00:01:38	120	480
	17	08:50:12	08:50:14	08:50:58	08:51:01	08:51:48	00:00:44	00:01:34		
	18	08:51:48	08:51:50	08:52:32	08:52:35	08:53:24	00:00:42	00:01:34		
	19	08:54:59	08:55:01	08:55:43	08:55:46	08:56:35	00:00:42	00:01:34		
	20	08:56:35	08:56:37	08:57:19	08:57:22	08:58:11	00:00:42	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:07	17:02:09	17:02:45	17:02:48	17:03:36	00:00:36	00:01:27	76	304
	2	17:03:36	17:03:38	17:04:24	17:04:27	17:05:14	00:00:46	00:01:36		
	3	17:10:04	17:10:06	17:10:50	17:10:53	17:11:42	00:00:44	00:01:36		
	4	17:11:42	17:11:44	17:12:23	17:12:26	17:13:26	00:00:39	00:01:42		
	5	17:14:52	17:14:54	17:15:38	17:15:41	17:16:28	00:00:44	00:01:34		
17:15 - 17:30	6	17:18:06	17:18:08	17:18:53	17:18:56	17:19:45	00:00:45	00:01:37	56	224
	7	17:19:45	17:19:47	17:20:25	17:20:28	17:21:17	00:00:38	00:01:30		
	8	17:26:14	17:26:16	17:26:47	17:26:50	17:27:41	00:00:31	00:01:25		
	9	17:27:41	17:27:43	17:28:28	17:28:31	17:29:25	00:00:45	00:01:42		
	10	17:29:25	17:29:27	17:30:20	17:30:23	17:31:20	00:00:53	00:01:53		
17:30 - 17:45	11	17:31:20	17:31:22	17:32:11	17:32:14	17:33:12	00:00:49	00:01:50	98	392
	12	17:33:12	17:33:14	17:34:04	17:34:07	17:35:04	00:00:50	00:01:50		
	13	17:35:04	17:35:06	17:35:55	17:35:58	17:36:56	00:00:49	00:01:50		
	14	17:36:56	17:36:58	17:37:48	17:37:51	17:38:45	00:00:50	00:01:47		
	15	17:40:39	17:40:41	17:41:36	17:41:39	17:42:34	00:00:55	00:01:53		
17:45 - 18:00	16	17:48:10	17:48:12	17:49:04	17:49:07	17:50:03	00:00:52	00:01:51	75	300
	17	17:50:05	17:50:07	17:50:47	17:50:50	17:51:55	00:00:40	00:01:48		
	18	17:51:55	17:51:57	17:52:45	17:52:48	17:53:47	00:00:48	00:01:50		
	19	17:53:47	17:53:49	17:54:38	17:54:41	17:55:38	00:00:49	00:01:49		
	20	17:55:38	17:55:40	17:56:35	17:56:38	17:57:31	00:00:55	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
16	00:00:28	2070	
9	00:00:17	1969	
8	00:00:17	1758	
9	00:00:18	1800	
13	00:00:23	1957	
17	00:00:30	1980	
12	00:00:21	2057	
8	00:00:12	2400	
14	00:00:25	1944	Average
8	00:00:14	1929	1986

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	145	580	00:01:35	00:00:45	1986	62.20%	
08:15 - 08:30	144	576	00:01:35	00:00:44	1986	62.35%	
08:30 - 08:45	132	528	00:01:34	00:00:42	1986	59.46%	Average
08:45 - 09:00	120	480	00:01:35	00:00:43	1986	53.92%	59.38%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	76	304	00:01:35	00:00:42	1986	34.78%	
17:15 - 17:30	56	224	00:01:37	00:00:42	1986	25.61%	
17:30 - 17:45	98	392	00:01:50	00:00:51	1986	42.90%	Average
17:45 - 18:00	75	300	00:01:50	00:00:49	1986	33.98%	34.30%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:16	1	0	0	0	0	0	0	0	0	1	06:06:19	0	0	0	0	0	0	0	0	0	0	06:07:05	00:01:26
0	1	0	0	0	0	0	0	1	06:07:44	0	0	0	0	0	0	0	0	0	0	06:07:47	0	0	0	0	0	0	0	0	0	0	06:08:36	00:01:29
0	0	0	0	0	0	0	0	0	06:13:56	0	0	0	0	0	0	0	0	0	0	06:13:59	0	0	0	0	0	0	0	0	0	0	06:14:46	00:01:35
0	0	0	0	0	0	0	0	0	06:17:06	0	0	0	0	0	0	0	0	0	0	06:17:09	0	0	0	0	0	0	0	0	0	0	06:17:58	00:01:34
0	0	0	0	0	0	0	0	0	06:28:18	0	0	0	0	0	0	0	0	0	0	06:28:21	0	0	0	0	0	0	0	0	0	0	06:29:09	00:01:33
0	0	0	0	0	0	0	0	0	06:34:43	0	0	0	0	0	0	0	0	0	0	06:34:46	0	0	0	0	0	0	0	0	0	0	06:35:35	00:01:35
0	2	0	0	0	0	0	0	2	06:36:19	0	0	0	0	0	0	0	0	0	0	06:36:22	0	0	0	0	0	0	0	0	0	0	06:37:11	00:01:34
0	4	0	0	0	0	0	0	9	06:42:42	0	0	1	0	0	0	0	0	0	1	06:42:45	0	0	0	0	0	0	0	0	0	0	06:43:34	00:01:34
0	1	1	0	0	0	0	0	5	06:49:06	0	0	0	0	0	0	0	0	0	0	06:49:09	0	0	0	0	0	0	0	0	0	0	06:49:58	00:01:34
0	3	0	1	0	0	0	0	8	06:53:54	1	0	1	0	0	0	0	0	0	2	06:53:57	0	0	0	0	0	0	0	0	0	0	06:54:46	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:37	0	0	0	0	0	0	0	0	0	0	06:05:39	2	0	0	0	0	0	0	0	0	2	06:05:47	12	0	3	0	0	0	0	0	0	15	06:06:15	0
2	06:07:05	0	0	0	0	0	0	0	0	0	0	06:07:07	1	0	1	0	0	0	0	0	0	2	06:07:13	6	0	2	0	0	0	0	0	0	8	06:07:28	0
3	06:13:09	0	0	0	0	0	0	0	0	0	0	06:13:11	2	0	0	0	0	0	0	0	0	2	06:13:17	8	0	1	0	0	0	0	0	0	9	06:13:34	2
4	06:16:22	0	0	0	0	0	0	0	0	0	0	06:16:24	1	0	1	0	0	0	0	0	0	2	06:16:31	7	0	2	0	0	0	0	0	0	9	06:16:48	0
5	06:27:34	0	0	0	0	0	0	0	0	0	0	06:27:36	2	0	0	0	0	0	0	0	0	2	06:27:41	8	0	3	0	0	0	0	0	0	11	06:28:05	0
6	06:33:58	0	0	0	0	0	0	0	0	0	0	06:34:00	1	0	1	0	0	0	0	0	0	2	06:34:03	8	0	5	0	0	0	0	0	0	13	06:34:26	3
7	06:35:35	0	0	0	0	0	0	0	0	0	0	06:35:37	1	0	1	0	0	0	0	0	0	2	06:35:42	11	0	4	0	0	0	0	0	0	15	06:36:12	0
8	06:41:58	0	0	0	0	0	0	0	0	0	0	06:42:00	2	0	0	0	0	0	0	0	0	2	06:42:04	15	0	5	0	0	0	0	0	0	20	06:42:39	0
9	06:48:22	0	0	0	0	0	0	0	0	0	0	06:48:24	2	0	0	0	0	0	0	0	0	2	06:48:30	9	0	0	0	0	0	0	0	0	9	06:48:47	5
10	06:53:10	0	0	0	0	0	0	0	0	0	0	06:53:12	2	0	0	0	0	0	0	0	0	2	06:53:21	6	0	8	0	0	0	0	0	0	14	06:53:44	2

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:05:18	08:05:20	08:06:05	08:06:08	08:06:57	00:00:45	00:01:37	115	460
	2	08:06:57	08:06:59	08:07:43	08:07:46	08:08:35	00:00:44	00:01:36		
	3	08:08:35	08:08:37	08:09:20	08:09:23	08:10:08	00:00:43	00:01:31		
	4	08:10:08	08:10:10	08:10:58	08:11:01	08:11:47	00:00:48	00:01:37		
	5	08:11:47	08:11:49	08:12:32	08:12:35	08:13:23	00:00:43	00:01:34		
08:15 - 08:30	6	08:19:46	08:19:48	08:20:32	08:20:35	08:21:21	00:00:46	00:01:33	142	568
	7	08:21:23	08:21:23	08:22:08	08:22:08	08:22:59	00:00:42	00:01:36		
	8	08:24:33	08:24:35	08:25:19	08:25:22	08:26:08	00:00:44	00:01:33		
	9	08:26:08	08:26:10	08:26:55	08:26:58	08:27:44	00:00:45	00:01:34		
	10	08:27:44	08:27:46	08:28:31	08:28:34	08:29:23	00:00:49	00:01:37		
08:30 - 08:45	11	08:32:36	08:32:38	08:33:20	08:33:23	08:34:10	00:00:47	00:01:32	108	432
	12	08:34:10	08:34:12	08:34:56	08:34:59	08:35:48	00:00:49	00:01:36		
	13	08:35:48	08:35:50	08:36:32	08:36:35	08:37:24	00:00:42	00:01:34		
	14	08:37:24	08:37:26	08:38:08	08:38:11	08:39:01	00:00:42	00:01:35		
	15	08:39:01	08:39:03	08:39:44	08:39:47	08:40:38	00:00:41	00:01:35		
08:45 - 09:00	16	08:46:58	08:47:00	08:47:44	08:47:47	08:48:38	00:00:44	00:01:38	114	456
	17	08:50:12	08:50:14	08:50:58	08:51:01	08:51:48	00:00:44	00:01:34		
	18	08:51:48	08:51:50	08:52:32	08:52:35	08:53:24	00:00:42	00:01:34		
	19	08:54:59	08:55:01	08:55:43	08:55:46	08:56:35	00:00:42	00:01:34		
	20	08:56:35	08:56:37	08:57:19	08:57:22	08:58:11	00:00:42	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:07	17:02:09	17:02:45	17:02:48	17:03:36	00:00:36	00:01:27	72	288
	2	17:03:36	17:03:38	17:04:24	17:04:27	17:05:14	00:00:46	00:01:36		
	3	17:10:04	17:10:06	17:10:50	17:10:53	17:11:42	00:00:44	00:01:36		
	4	17:11:42	17:11:44	17:12:23	17:12:26	17:13:26	00:00:39	00:01:42		
	5	17:14:52	17:14:54	17:15:38	17:15:41	17:16:28	00:00:44	00:01:34		
17:15 - 17:30	6	17:18:06	17:18:08	17:18:53	17:18:56	17:19:45	00:00:45	00:01:37	54	216
	7	17:19:45	17:19:47	17:20:25	17:20:28	17:21:17	00:00:38	00:01:30		
	8	17:26:14	17:26:16	17:26:47	17:26:50	17:27:41	00:00:31	00:01:25		
	9	17:27:41	17:27:43	17:28:28	17:28:31	17:29:25	00:00:41	00:01:42		
	10	17:29:25	17:29:27	17:30:20	17:30:23	17:31:20	00:00:53	00:01:53		
17:30 - 17:45	11	17:31:20	17:31:22	17:32:11	17:32:14	17:33:12	00:00:49	00:01:50	81	324
	12	17:33:12	17:33:14	17:34:04	17:34:07	17:35:04	00:00:50	00:01:50		
	13	17:35:04	17:35:06	17:35:55	17:35:58	17:36:56	00:00:49	00:01:50		
	14	17:36:56	17:36:58	17:37:48	17:37:51	17:38:45	00:00:50	00:01:47		
	15	17:40:39	17:40:41	17:41:36	17:41:39	17:42:34	00:00:55	00:01:53		
17:45 - 18:00	16	17:48:10	17:48:12	17:49:04	17:49:07	17:50:03	00:00:52	00:01:51	68	272
	17	17:50:05	17:50:07	17:50:47	17:50:50	17:51:55	00:00:40	00:01:48		
	18	17:51:55	17:51:57	17:52:45	17:52:48	17:53:47	00:00:48	00:01:50		
	19	17:53:47	17:53:49	17:54:38	17:54:41	17:55:38	00:00:49	00:01:49		
	20	17:55:38	17:55:40	17:56:35	17:56:38	17:57:31	00:00:55	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
15	00:00:28	1929	
8	00:00:15	1920	
9	00:00:17	1906	
9	00:00:17	1906	
11	00:00:24	1650	
13	00:00:23	2025	
15	00:00:30	1800	
20	00:00:35	2057	
9	00:00:17	1906	Average
14	00:00:23	2191	1930

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	115	460	00:01:35	00:00:45	1930	50.77%	
08:15 - 08:30	142	568	00:01:35	00:00:44	1930	63.38%	
08:30 - 08:45	108	432	00:01:34	00:00:42	1930	50.07%	Average
08:45 - 09:00	114	456	00:01:35	00:00:43	1930	52.31%	54.11%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	72	288	00:01:35	00:00:42	1930	33.92%	
17:15 - 17:30	54	216	00:01:37	00:00:42	1930	25.71%	
17:30 - 17:45	81	324	00:01:50	00:00:51	1930	36.50%	Average
17:45 - 18:00	68	272	00:01:50	00:00:49	1930	31.71%	31.96%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:16	1	0	0	0	0	0	0	0	0	1	06:06:19	0	0	0	0	0	0	0	0	0	0	06:07:05	00:01:26
0	0	0	0	0	0	0	0	0	06:07:44	0	0	0	0	0	0	0	0	0	0	06:07:47	0	0	0	0	0	0	0	0	0	0	06:08:36	00:01:29
0	0	0	0	0	0	0	0	2	06:13:56	0	0	0	0	0	0	0	0	0	0	06:13:59	0	0	0	0	0	0	0	0	0	0	06:14:46	00:01:35
0	0	0	0	0	0	0	0	0	06:17:06	0	0	0	0	0	0	0	0	0	0	06:17:09	0	0	0	0	0	0	0	0	0	0	06:17:58	00:01:34
0	0	0	0	0	0	0	0	0	06:28:18	0	0	0	0	0	0	0	0	0	0	06:28:21	0	0	0	0	0	0	0	0	0	0	06:29:09	00:01:33
0	0	0	0	0	0	0	0	3	06:34:43	0	0	0	0	0	0	0	0	0	0	06:34:46	0	0	0	0	0	0	0	0	0	0	06:35:35	00:01:35
0	0	0	0	0	0	0	0	0	06:36:19	1	0	0	0	0	0	0	0	0	1	06:36:22	0	0	0	0	0	0	0	0	0	0	06:37:11	00:01:34
0	0	0	0	0	0	0	0	0	06:42:42	2	0	0	0	0	0	0	0	0	2	06:42:45	0	0	0	0	0	0	0	0	0	0	06:43:34	00:01:34
0	2	0	0	0	0	0	0	2	06:49:06	0	0	1	0	0	0	0	0	0	1	06:49:09	0	0	0	0	0	0	0	0	0	0	06:49:58	00:01:34
0	0	0	0	0	0	0	0	2	06:53:54	0	0	1	0	0	0	0	0	0	1	06:53:57	0	0	0	0	0	0	0	0	0	0	06:54:46	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:01	0	0	0	0	0	0	0	0	0	0	06:01:03	0	0	2	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:02:28	0	0	0	0	0	0	0	0	0	0	06:02:30	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:14:41	0	0	0	0	0	0	0	0	0	0	06:14:43	0	0	1	0	0	2	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
4	06:16:17	0	0	0	0	0	0	0	0	0	0	06:16:19	1	0	2	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:19:29	0	0	0	0	0	0	0	0	0	0	06:19:31	1	2	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:24:17	0	0	0	0	0	0	0	0	0	0	06:24:19	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:30:41	0	0	0	0	0	0	0	0	0	0	06:30:43	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:41:53	0	0	0	0	0	0	0	0	0	0	06:41:55	3	0	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
9	06:45:05	0	0	0	0	0	0	0	0	0	0	06:45:07	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:48:17	0	0	0	0	0	0	0	0	0	0	06:48:19	2	0	2	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:24	08:00:26	08:00:45	08:00:48	08:02:01	00:00:19	00:01:35	49	196
	2	08:05:16	08:05:18	08:05:35	08:05:39	08:06:54	00:00:18	00:01:36		
	3	08:08:28	08:08:30	08:08:48	08:08:51	08:10:07	00:00:18	00:01:37		
	4	08:10:07	08:10:09	08:10:27	08:10:30	08:11:42	00:00:18	00:01:33		
	5	08:13:15	08:13:17	08:13:34	08:13:37	08:14:53	00:00:17	00:01:34		
08:15 - 08:30	6	08:16:28	08:16:30	08:16:48	08:16:51	08:18:04	00:00:18	00:01:34	56	224
	7	08:19:40	08:19:42	08:20:00	08:20:03	08:21:16	00:00:18	00:01:34		
	8	08:21:16	08:21:18	08:21:36	08:21:39	08:22:52	00:00:18	00:01:34		
	9	08:24:28	08:24:30	08:24:48	08:24:51	08:26:03	00:00:18	00:01:33		
	10	08:26:03	08:26:05	08:26:23	08:26:26	08:27:43	00:00:18	00:01:38		
08:30 - 08:45	11	08:30:55	08:30:57	08:31:15	08:31:18	08:32:32	00:00:18	00:01:35	46	184
	12	08:32:32	08:32:34	08:32:51	08:32:54	08:34:07	00:00:17	00:01:33		
	13	08:34:07	08:34:09	08:34:27	08:34:30	08:35:43	00:00:18	00:01:34		
	14	08:38:56	08:38:58	08:39:15	08:39:18	08:40:31	00:00:17	00:01:33		
	15	08:42:07	08:42:09	08:42:27	08:42:30	08:43:43	00:00:18	00:01:34		
08:45 - 09:00	16	08:46:56	08:46:58	08:47:15	08:47:18	08:48:31	00:00:17	00:01:33	39	156
	17	08:50:08	08:50:10	08:50:27	08:50:30	08:51:40	00:00:17	00:01:32		
	18	08:51:40	08:51:42	08:52:01	08:52:04	08:53:18	00:00:19	00:01:36		
	19	08:54:54	08:54:56	08:55:14	08:55:17	08:56:31	00:00:18	00:01:35		
	20	08:56:31	08:56:33	08:56:50	08:56:53	08:58:05	00:00:17	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:22	17:01:24	17:01:41	17:01:44	17:03:00	00:00:17	00:01:36	49	196
	2	17:04:36	17:04:38	17:04:55	17:04:58	17:06:15	00:00:17	00:01:37		
	3	17:07:46	17:07:48	17:08:09	17:08:12	17:09:25	00:00:21	00:01:37		
	4	17:09:25	17:09:27	17:09:47	17:09:50	17:11:01	00:00:20	00:01:34		
	5	17:11:01	17:11:03	17:11:27	17:11:30	17:12:38	00:00:24	00:01:35		
17:15 - 17:30	6	17:15:51	17:15:53	17:16:11	17:16:14	17:17:30	00:00:18	00:01:37	46	184
	7	17:18:59	17:19:01	17:19:20	17:19:23	17:20:37	00:00:19	00:01:36		
	8	17:22:13	17:22:14	17:22:32	17:22:42	17:23:48	00:00:26	00:01:34		
	9	17:22:48	17:23:50	17:24:14	17:24:17	17:25:20	00:00:24	00:01:30		
	10	17:25:20	17:25:22	17:25:43	17:25:46	17:26:58	00:00:21	00:01:36		
17:30 - 17:45	11	17:30:44	17:30:46	17:31:12	17:31:15	17:32:35	00:00:26	00:01:50	13	52
	12	17:32:36	17:32:38	17:33:05	17:33:08	17:34:26	00:00:27	00:01:50		
	13	17:38:10	17:38:12	17:38:39	17:38:42	17:40:07	00:00:27	00:01:55		
	14	17:40:07	17:40:09	17:40:36	17:40:39	17:41:58	00:00:27	00:01:49		
	15	17:41:58	17:42:00	17:42:28	17:42:31	17:43:50	00:00:28	00:01:50		
17:45 - 18:00	16	17:45:42	17:45:44	17:46:11	17:46:14	17:47:34	00:00:27	00:01:50	55	220
	17	17:49:27	17:49:29	17:49:55	17:49:58	17:51:19	00:00:26	00:01:50		
	18	17:51:19	17:51:21	17:51:48	17:51:51	17:53:09	00:00:27	00:01:48		
	19	17:53:09	17:53:11	17:53:38	17:53:41	17:55:07	00:00:27	00:01:56		
	20	17:56:57	17:56:59	17:57:25	17:57:28	17:58:49	00:00:26	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	49	196	00:01:35	00:00:18	0	0.00%	
08:15 - 08:30	56	224	00:01:35	00:00:18	0	0.00%	
08:30 - 08:45	46	184	00:01:34	00:00:18	0	0.00%	Average
08:45 - 09:00	39	156	00:01:33	00:00:18	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	49	196	00:01:36	00:00:20	0	0.00%	
17:15 - 17:30	46	184	00:01:35	00:00:21	0	0.00%	
17:30 - 17:45	13	52	00:01:51	00:00:27	0	0.00%	Average
17:45 - 18:00	55	220	00:01:51	00:00:27	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:21	0	0	0	0	0	0	0	0	0	0	06:01:24	0	0	0	0	0	0	0	0	0	0	06:02:28	00:01:25
0	0	0	0	0	0	0	0	0	06:02:48	0	0	0	0	0	0	0	0	0	0	06:02:51	0	0	0	0	0	0	0	0	0	0	06:03:56	00:01:26
0	0	0	0	0	0	0	0	0	06:15:01	0	0	0	0	0	0	0	0	0	0	06:15:04	0	0	0	0	0	0	0	0	0	0	06:16:17	00:01:34
0	0	0	0	0	0	0	0	0	06:16:37	0	0	0	0	0	0	0	0	0	0	06:16:40	0	0	0	0	0	0	0	0	0	0	06:17:53	00:01:34
0	0	0	0	0	0	0	0	0	06:19:49	0	0	0	0	0	0	0	0	0	0	06:19:52	0	0	0	0	0	0	0	0	0	0	06:21:05	00:01:34
0	0	0	0	0	0	0	0	0	06:24:37	0	0	0	0	0	0	0	0	0	0	06:24:40	0	0	0	0	0	0	0	0	0	0	06:25:53	00:01:34
0	0	0	0	0	0	0	0	0	06:31:01	0	0	0	0	0	0	0	0	0	0	06:31:04	0	0	0	0	0	0	0	0	0	0	06:32:17	00:01:34
0	0	0	0	0	0	0	0	0	06:42:13	0	0	0	0	0	0	0	0	0	0	06:42:16	0	0	0	0	0	0	0	0	0	0	06:43:29	00:01:34
0	0	0	0	0	0	0	0	0	06:45:25	0	0	0	0	0	0	0	0	0	0	06:45:28	0	0	0	0	0	0	0	0	0	0	06:46:41	00:01:34
0	0	0	0	0	0	0	0	0	06:48:38	0	0	0	0	0	0	0	0	0	0	06:48:41	0	0	0	0	0	0	0	0	0	0	06:49:53	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:01	0	0	0	0	0	0	0	0	0	0	06:01:03	2	0	0	0	0	0	0	0	0	2	06:01:07	5	0	1	0	0	0	0	0	0	6	06:01:17	0
2	06:02:28	0	0	0	0	0	0	0	0	0	0	06:02:30	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:14:41	0	0	0	0	0	0	0	0	0	0	06:14:43	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:16:17	0	0	0	0	0	0	0	0	0	0	06:16:19	1	0	1	0	0	0	0	0	0	2	06:16:25	2	0	0	4	0	0	0	0	0	6	06:16:37	0
5	06:19:29	0	0	0	0	0	0	0	0	0	0	06:19:31	1	0	1	0	0	0	0	0	0	2	06:19:37	3	0	2	1	0	0	0	0	0	7	06:19:49	0
6	06:24:17	0	0	0	0	0	0	0	0	0	0	06:24:19	1	1	0	0	0	0	0	0	0	2	06:24:24	4	1	0	0	0	0	1	0	0	7	06:24:33	0
7	06:30:41	0	0	0	0	0	0	0	0	0	0	06:30:43	3	0	2	1	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
8	06:41:53	0	0	0	0	0	0	0	0	0	0	06:41:55	5	0	2	0	0	0	0	1	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:45:05	0	0	0	0	0	0	0	0	0	0	06:45:07	1	0	1	0	0	0	0	0	0	2		3	1	1	0	0	0	0	0	0	5		0
10	06:48:17	0	0	0	0	0	0	0	0	0	0	06:48:19	1	0	1	0	0	0	0	0	0	2	06:48:25	5	0	2	0	0	0	0	0	0	7	06:48:37	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:24	08:00:26	08:00:45	08:00:48	08:02:01	00:00:19	00:01:35	57	228
	2	08:05:16	08:05:18	08:05:35	08:05:39	08:06:54	00:00:18	00:01:36		
	3	08:08:28	08:08:30	08:08:48	08:08:51	08:10:07	00:00:18	00:01:37		
	4	08:10:07	08:10:09	08:10:27	08:10:30	08:11:42	00:00:18	00:01:33		
	5	08:13:15	08:13:17	08:13:34	08:13:37	08:14:53	00:00:17	00:01:34		
08:15 - 08:30	6	08:16:28	08:16:30	08:16:48	08:16:51	08:18:04	00:00:18	00:01:34	61	244
	7	08:19:40	08:19:42	08:20:00	08:20:03	08:21:16	00:00:18	00:01:34		
	8	08:21:16	08:21:18	08:21:36	08:21:39	08:22:52	00:00:18	00:01:34		
	9	08:24:28	08:24:30	08:24:48	08:24:51	08:26:03	00:00:18	00:01:33		
	10	08:26:03	08:26:05	08:26:23	08:26:26	08:27:40	00:00:18	00:01:38		
08:30 - 08:45	11	08:30:55	08:30:57	08:31:15	08:31:18	08:32:32	00:00:18	00:01:35	51	204
	12	08:32:32	08:32:34	08:32:51	08:32:54	08:34:07	00:00:17	00:01:33		
	13	08:34:07	08:34:09	08:34:27	08:34:30	08:35:43	00:00:18	00:01:34		
	14	08:38:56	08:38:58	08:39:15	08:39:18	08:40:31	00:00:17	00:01:33		
	15	08:42:07	08:42:09	08:42:27	08:42:30	08:43:43	00:00:18	00:01:34		
08:45 - 09:00	16	08:46:56	08:46:58	08:47:15	08:47:18	08:48:31	00:00:17	00:01:33	60	240
	17	08:50:08	08:50:10	08:50:27	08:50:30	08:51:40	00:00:17	00:01:32		
	18	08:51:40	08:51:42	08:52:01	08:52:04	08:53:18	00:00:19	00:01:36		
	19	08:54:54	08:54:56	08:55:14	08:55:17	08:56:31	00:00:18	00:01:35		
	20	08:56:31	08:56:33	08:56:50	08:56:53	08:58:05	00:00:17	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:22	17:01:24	17:01:41	17:01:44	17:03:00	00:00:17	00:01:36	70	280
	2	17:04:36	17:04:38	17:04:55	17:04:58	17:06:15	00:00:17	00:01:37		
	3	17:07:46	17:07:48	17:08:09	17:08:12	17:09:25	00:00:21	00:01:37		
	4	17:09:25	17:09:27	17:09:47	17:09:50	17:11:01	00:00:20	00:01:34		
	5	17:11:01	17:11:03	17:11:27	17:11:30	17:12:38	00:00:24	00:01:35		
17:15 - 17:30	6	17:15:51	17:15:53	17:16:11	17:16:14	17:17:30	00:00:18	00:01:37	64	256
	7	17:18:59	17:19:01	17:19:20	17:19:23	17:20:37	00:00:19	00:01:36		
	8	17:22:13	17:22:14	17:22:39	17:22:42	17:23:48	00:00:25	00:01:34		
	9	17:22:48	17:23:50	17:24:14	17:24:17	17:25:20	00:00:24	00:01:30		
	10	17:25:20	17:25:22	17:25:43	17:25:46	17:26:58	00:00:21	00:01:36		
17:30 - 17:45	11	17:30:44	17:30:46	17:31:12	17:31:15	17:32:35	00:00:26	00:01:50	78	312
	12	17:32:36	17:32:38	17:33:05	17:33:08	17:34:26	00:00:27	00:01:50		
	13	17:38:10	17:38:12	17:38:39	17:38:42	17:40:07	00:00:27	00:01:55		
	14	17:40:07	17:40:09	17:40:36	17:40:39	17:41:58	00:00:27	00:01:49		
	15	17:41:58	17:42:00	17:42:28	17:42:31	17:43:50	00:00:28	00:01:50		
17:45 - 18:00	16	17:45:42	17:45:44	17:46:11	17:46:14	17:47:34	00:00:27	00:01:50	48	192
	17	17:49:27	17:49:29	17:49:55	17:49:58	17:51:19	00:00:26	00:01:50		
	18	17:51:19	17:51:21	17:51:48	17:51:51	17:53:09	00:00:27	00:01:48		
	19	17:53:09	17:53:11	17:53:38	17:53:41	17:55:07	00:00:27	00:01:56		
	20	17:56:57	17:56:59	17:57:25	17:57:28	17:58:49	00:00:26	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:10	2160	
0	00:00:00	0	
0	00:00:00	0	
6	00:00:12	1920	
7	00:00:12	1950	
7	00:00:09	2800	
0	00:00:00	0	
0	00:00:00	0	
5	00:00:00	0	Average
7	00:00:12	2100	2186

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	57	228	00:01:35	00:00:18	2186	55.05%	
08:15 - 08:30	61	244	00:01:35	00:00:18	2186	58.66%	
08:30 - 08:45	51	204	00:01:34	00:00:18	2186	49.74%	Average
08:45 - 09:00	60	240	00:01:33	00:00:18	2186	58.14%	55.40%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	70	280	00:01:36	00:00:20	2186	61.97%	
17:15 - 17:30	64	256	00:01:35	00:00:21	2186	51.77%	
17:30 - 17:45	78	312	00:01:51	00:00:27	2186	58.57%	Average
17:45 - 18:00	48	192	00:01:51	00:00:27	2186	36.59%	52.22%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:21	0	0	0	0	0	0	0	0	0	0	06:01:24	0	0	0	0	0	0	0	0	0	0	06:02:28	00:01:25
0	0	0	0	0	0	0	0	0	06:02:48	0	0	0	0	0	0	0	0	0	0	06:02:51	0	0	0	0	0	0	0	0	0	0	06:03:56	00:01:26
0	0	0	0	0	0	0	0	0	06:15:01	0	0	0	0	0	0	0	0	0	0	06:15:04	0	0	0	0	0	0	0	0	0	0	06:16:17	00:01:34
0	0	0	0	0	0	0	0	0	06:16:37	0	0	1	0	0	0	0	0	0	1	06:16:40	0	0	0	0	0	0	0	0	0	0	06:17:53	00:01:34
0	0	0	0	0	0	0	0	0	06:19:49	0	0	0	0	0	0	0	0	0	0	06:19:52	0	0	0	0	0	0	0	0	0	0	06:21:05	00:01:34
0	0	0	0	0	0	0	0	0	06:24:37	1	0	0	0	0	0	0	0	0	1	06:24:40	0	0	0	0	0	0	0	0	0	0	06:25:53	00:01:34
0	0	0	0	0	0	0	0	0	06:31:01	0	0	0	0	0	0	0	0	0	0	06:31:04	0	0	0	0	0	0	0	0	0	0	06:32:17	00:01:34
0	0	0	0	0	0	0	0	0	06:42:13	0	0	1	0	0	0	0	0	0	1	06:42:16	0	0	0	0	0	0	0	0	0	0	06:43:29	00:01:34
0	0	0	0	0	0	0	0	0	06:45:25	1	0	0	0	0	0	0	0	0	1	06:45:28	0	0	0	0	0	0	0	0	0	0	06:46:41	00:01:34
0	0	0	0	0	0	0	0	0	06:48:38	0	0	0	0	0	0	0	0	0	0	06:48:41	0	0	0	0	0	0	0	0	0	0	06:49:53	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:21	0	0	0	0	0	0	0	0	0	0	06:04:23	3	0	2	0	0	0	0	1	0	5		0	0	0	0	0	0	0	0	0	0		0
2	06:08:47	0	0	0	0	0	0	0	0	0	0	06:08:49	3	1	3	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
3	06:15:05	0	0	0	0	0	0	0	0	0	0	06:15:07	4	3	0	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
4	06:23:05	0	0	0	0	0	0	0	0	0	0	06:23:07	7	1	1	1	0	1	0	3	2	14		0	0	0	0	0	0	0	0	0	0		0
5	06:27:53	0	0	0	0	0	0	0	0	0	0	06:27:55	5	0	0	1	0	0	0	2	2	8		0	0	0	0	0	0	0	0	0	0		0
6	06:34:18	0	0	0	0	0	0	0	0	0	0	06:34:20	6	1	3	0	0	0	0	2	0	11		0	0	0	0	0	0	0	0	0	0		0
7	06:37:30	0	0	0	0	0	0	0	0	0	0	06:37:32	3	2	0	0	0	1	0	2	3	8		0	0	0	0	0	0	0	0	0	0		0
8	06:45:29	0	0	0	0	0	0	0	0	0	0	06:45:31	6	1	2	1	1	0	1	6	1	17		0	0	0	0	0	0	0	0	0	0		0
9	06:51:53	0	0	0	0	0	0	0	0	0	0	06:51:55	6	1	2	0	0	0	0	2	1	10		0	0	0	0	0	0	0	0	0	0		0
10	06:56:41	0	0	0	0	0	0	0	0	0	0	06:56:43	4	3	0	0	0	1	1	2	2	12	06:57:33	6	0	0	0	0	0	0	0	0	6	06:57:43	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:25	08:02:27	08:03:30	08:03:33	08:04:01	00:01:03	00:01:34	138	552
	2	08:04:01	08:04:03	08:05:09	08:05:12	08:05:39	00:01:06	00:01:36		
	3	08:05:39	08:05:41	08:06:47	08:06:50	08:07:18	00:01:06	00:01:37		
	4	08:07:18	08:07:20	08:08:21	08:08:24	08:08:52	00:01:01	00:01:32		
	5	08:08:52	08:08:54	08:09:59	08:10:02	08:10:30	00:01:05	00:01:36		
08:15 - 08:30	6	08:16:52	08:16:54	08:17:57	08:18:00	08:18:28	00:01:03	00:01:34	151	604
	7	08:18:28	08:18:30	08:19:33	08:19:36	08:20:03	00:01:03	00:01:33		
	8	08:20:03	08:20:05	08:21:09	08:21:12	08:21:39	00:01:04	00:01:34		
	9	08:21:39	08:21:41	08:22:45	08:22:48	08:23:16	00:01:04	00:01:35		
	10	08:23:16	08:23:18	08:24:21	08:24:24	08:24:52	00:01:03	00:01:34		
08:30 - 08:45	11	08:31:19	08:31:21	08:32:24	08:32:27	08:32:55	00:01:03	00:01:34	146	584
	12	08:32:55	08:32:57	08:33:59	08:34:02	08:34:30	00:01:02	00:01:33		
	13	08:34:30	08:34:32	08:35:36	08:35:39	08:36:07	00:01:04	00:01:35		
	14	08:36:07	08:36:09	08:37:11	08:37:14	08:37:43	00:01:02	00:01:34		
	15	08:37:43	08:37:45	08:38:47	08:38:50	08:39:19	00:01:02	00:01:34		
08:45 - 09:00	16	08:45:41	08:45:43	08:46:48	08:46:51	08:47:19	00:01:05	00:01:36	152	608
	17	08:47:19	08:47:21	08:48:24	08:48:27	08:48:55	00:01:03	00:01:34		
	18	08:48:55	08:48:57	08:50:00	08:50:03	08:50:31	00:01:03	00:01:34		
	19	08:50:31	08:50:33	08:51:33	08:51:36	08:52:05	00:01:00	00:01:32		
	20	08:52:05	08:52:07	08:53:11	08:53:14	08:53:42	00:01:04	00:01:35		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:17	17:00:19	17:01:14	17:01:17	17:01:45	00:00:55	00:01:26	70	280
	2	17:01:45	17:01:47	17:02:53	17:02:56	17:03:23	00:01:06	00:01:36		
	3	17:03:23	17:03:25	17:04:28	17:04:31	17:04:59	00:01:03	00:01:34		
	4	17:04:59	17:05:01	17:06:08	17:06:11	17:06:38	00:01:07	00:01:37		
	5	17:06:38	17:06:40	17:07:39	17:07:42	17:08:13	00:00:59	00:01:33		
17:15 - 17:30	6	17:15:27	17:15:29	17:15:44	17:15:47	17:16:15	00:00:15	00:00:46	62	248
	7	17:16:15	17:16:17	17:17:24	17:17:27	17:17:55	00:01:07	00:01:38		
	8	17:17:55	17:17:57	17:18:52	17:18:55	17:19:25	00:00:55	00:01:28		
	9	17:19:25	17:19:27	17:20:30	17:20:33	17:21:01	00:01:03	00:01:34		
	10	17:21:01	17:21:03	17:22:05	17:22:08	17:22:42	00:01:02	00:01:39		
17:30 - 17:45	11	17:31:16	17:31:18	17:32:28	17:32:31	17:33:09	00:01:10	00:01:51	214	856
	12	17:33:09	17:33:11	17:34:20	17:34:23	17:35:00	00:01:09	00:01:49		
	13	17:35:00	17:35:02	17:36:10	17:36:13	17:36:50	00:01:08	00:01:48		
	14	17:36:50	17:36:52	17:38:03	17:38:06	17:38:44	00:01:11	00:01:52		
	15	17:38:44	17:38:46	17:40:00	17:40:03	17:40:40	00:01:14	00:01:54		
17:45 - 18:00	16	17:46:15	17:46:17	17:47:27	17:47:30	17:48:07	00:01:10	00:01:50	196	784
	17	17:48:07	17:48:09	17:49:19	17:49:22	17:49:59	00:01:10	00:01:50		
	18	17:49:59	17:50:01	17:51:11	17:51:14	17:51:51	00:01:10	00:01:50		
	19	17:51:51	17:51:53	17:53:02	17:53:05	17:53:42	00:01:09	00:01:49		
	20	17:53:42	17:53:44	17:55:00	17:55:03	17:55:37	00:01:16	00:01:53		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:10	2160	2160

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	138	552	00:01:35	00:01:04	2160	37.82%	
08:15 - 08:30	151	604	00:01:34	00:01:03	2160	41.46%	
08:30 - 08:45	146	584	00:01:34	00:01:03	2160	40.60%	Average
08:45 - 09:00	152	608	00:01:34	00:01:03	2160	42.08%	40.49%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	70	280	00:01:33	00:01:02	2160	19.49%	
17:15 - 17:30	62	248	00:01:25	00:00:52	2160	18.67%	
17:30 - 17:45	214	856	00:01:51	00:01:10	2160	62.37%	Average
17:45 - 18:00	196	784	00:01:50	00:01:11	2160	56.44%	39.24%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:17	0	0	0	0	0	0	0	0	0	0	06:05:20	0	0	0	0	0	0	0	0	0	0	06:05:48	00:01:25
0	0	0	0	0	0	0	0	0	06:09:44	0	0	0	0	0	0	0	0	0	0	06:09:47	0	0	0	0	0	0	0	0	0	0	06:10:15	00:01:26
0	0	0	0	0	0	0	0	0	06:16:10	0	0	0	0	0	0	0	1	0	0	06:16:13	0	0	0	0	0	0	0	0	0	0	06:16:41	00:01:34
0	0	0	0	0	0	0	0	0	06:24:10	0	0	1	0	0	0	0	0	1	1	06:24:13	0	0	0	0	0	0	0	0	0	0	06:24:41	00:01:34
0	0	0	0	0	0	0	0	0	06:28:58	0	0	0	0	0	0	0	0	0	0	06:29:01	0	0	0	0	0	0	0	0	0	0	06:29:29	00:01:34
0	0	0	0	0	0	0	0	0	06:35:23	0	1	0	0	0	0	0	0	0	1	06:35:26	0	0	0	0	0	0	0	0	0	0	06:35:54	00:01:34
0	0	0	0	0	0	0	0	0	06:38:35	0	1	0	0	0	0	0	0	0	1	06:38:38	0	0	0	0	0	0	0	0	0	0	06:39:06	00:01:34
0	0	0	0	0	0	0	0	0	06:46:34	0	0	1	0	0	0	0	0	0	1	06:46:37	0	0	0	0	0	0	0	0	0	0	06:47:05	00:01:34
0	0	0	0	0	0	0	0	0	06:52:58	1	0	0	0	0	0	0	0	0	1	06:53:01	0	0	0	0	0	0	0	0	0	0	06:53:29	00:01:34
0	0	0	0	0	0	0	0	0	06:57:46	0	0	0	0	0	0	0	0	0	0	06:57:49	0	0	0	0	0	0	0	0	0	0	06:58:17	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 24
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:06:39	0	0	0	0	0	0	0	0	0	0	06:06:32	2	0	0	0	0	0	0	1	0	2	06:06:39	2	0	0	4	0	0	0	0	0	6	06:06:51	0
2	06:15:52	0	0	0	0	0	0	0	0	0	0	06:15:54	2	0	0	0	0	0	0	0	0	2	06:15:57	3	0	0	2	0	0	1	0	0	8	06:16:13	0
3	06:19:04	0	0	0	0	0	0	0	0	0	0	06:19:06	2	0	0	0	0	0	0	1	0	2	06:19:14	4	0	0	2	0	0	0	0	0	6	06:19:25	0
4	06:22:16	0	0	0	0	0	0	0	0	0	0	06:22:18	1	0	0	1	0	0	0	0	0	2	06:22:23	5	0	0	2	0	0	0	0	0	7	06:22:37	0
5	06:28:40	0	0	0	0	0	0	0	0	0	0	06:28:42	1	0	0	1	0	0	0	0	0	2	06:28:48	5	0	0	1	0	0	0	0	0	6	06:29:00	0
6	06:35:05	0	0	0	0	0	0	0	0	0	0	06:35:07	1	0	0	1	0	0	0	0	0	2	06:35:13	5	0	0	1	0	0	0	0	0	6	06:35:26	0
7	06:36:42	0	0	0	0	0	0	0	0	0	0	06:36:44	2	0	0	0	0	0	0	1	0	2	06:36:48	3	0	0	3	0	0	0	0	0	6	06:37:02	0
8	06:43:04	0	0	0	0	0	0	0	0	0	0	06:43:06	0	0	2	0	0	0	0	1	0	2	06:43:13	3	0	0	3	0	0	0	0	0	6	06:43:25	0
9	06:46:16	0	0	0	0	0	0	0	0	0	0	06:46:18	2	0	0	0	0	0	0	1	0	2	06:46:23	3	0	0	4	0	0	0	0	0	7	06:46:37	0
10	06:59:04	0	0	0	0	0	0	0	0	0	0	06:59:06	2	0	0	0	0	0	0	1	0	2	06:59:12	3	0	0	3	0	0	0	0	0	6	06:59:25	0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:36	08:01:38	08:01:57	08:02:00	08:03:12	00:00:19	00:01:34	72	288
	2	08:04:51	08:04:53	08:05:12	08:05:15	08:06:28	00:00:19	00:01:35		
	3	08:08:06	08:08:08	08:08:23	08:08:26	08:09:44	00:00:15	00:01:36		
	4	08:11:18	08:11:20	08:11:38	08:11:41	08:12:53	00:00:18	00:01:33		
	5	08:14:28	08:14:30	08:14:46	08:14:49	08:16:05	00:00:16	00:01:35		
08:15 - 08:30	6	08:16:05	08:16:07	08:16:23	08:16:26	08:17:39	00:00:16	00:01:32	68	272
	7	08:19:18	08:19:20	08:19:39	08:19:38	08:20:50	00:00:19	00:01:32		
	8	08:22:26	08:22:28	08:22:47	08:22:50	08:24:05	00:00:19	00:01:37		
	9	08:25:50	08:25:42	08:25:58	08:26:01	08:27:16	00:00:16	00:01:34		
	10	08:28:54	08:28:56	08:29:15	08:29:18	08:30:30	00:00:19	00:01:34		
08:30 - 08:45	11	08:30:30	08:30:32	08:30:50	08:30:53	08:32:05	00:00:18	00:01:33	59	236
	12	08:33:42	08:33:44	08:34:03	08:34:06	08:35:18	00:00:19	00:01:34		
	13	08:36:52	08:36:54	08:37:14	08:37:17	08:38:29	00:00:20	00:01:35		
	14	08:40:06	08:40:08	08:40:26	08:40:29	08:41:42	00:00:18	00:01:34		
	15	08:43:18	08:43:20	08:43:39	08:43:42	08:44:54	00:00:19	00:01:34		
08:45 - 09:00	16	08:46:32	08:46:32	08:46:51	08:46:54	08:48:06	00:00:19	00:01:34	77	308
	17	08:49:45	08:49:47	08:50:02	08:50:05	08:51:17	00:00:15	00:01:32		
	18	08:52:54	08:52:56	08:53:14	08:53:17	08:54:28	00:00:18	00:01:32		
	19	08:56:05	08:56:07	08:56:26	08:56:29	08:57:41	00:00:19	00:01:34		
	20	08:59:16	08:59:18	08:59:37	08:59:40	09:00:53	00:00:19	00:01:35		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:57	17:00:59	17:01:17	17:01:20	17:02:37	00:00:18	00:01:38	44	176
	2	17:05:49	17:05:51	17:06:10	17:06:13	17:07:21	00:00:19	00:01:36		
	3	17:07:21	17:07:23	17:07:42	17:07:45	17:09:02	00:00:19	00:01:39		
	4	17:09:02	17:09:04	17:09:20	17:09:23	17:10:35	00:00:16	00:01:31		
	5	17:12:13	17:12:15	17:12:33	17:12:36	17:13:50	00:00:18	00:01:35		
17:15 - 17:30	6	17:15:27	17:15:29	17:15:47	17:15:50	17:17:05	00:00:18	00:01:36	52	208
	7	17:18:37	17:18:39	17:18:55	17:18:58	17:20:14	00:00:16	00:01:35		
	8	17:21:50	17:21:52	17:22:08	17:22:11	17:23:22	00:00:16	00:01:32		
	9	17:24:54	17:24:56	17:25:15	17:25:18	17:26:35	00:00:19	00:01:39		
	10	17:28:27	17:28:29	17:28:47	17:28:50	17:30:18	00:00:18	00:01:49		
17:30 - 17:45	11	17:30:18	17:30:20	17:30:39	17:30:42	17:32:12	00:00:17	00:01:52	57	228
	12	17:34:02	17:34:04	17:34:23	17:34:26	17:35:55	00:00:19	00:01:51		
	13	17:37:48	17:37:50	17:38:06	17:38:09	17:39:43	00:00:16	00:01:53		
	14	17:41:36	17:41:38	17:41:54	17:41:57	17:43:28	00:00:16	00:01:50		
	15	17:43:28	17:43:30	17:43:46	17:43:49	17:45:20	00:00:16	00:01:50		
17:45 - 18:00	16	17:45:20	17:45:22	17:45:38	17:45:41	17:47:12	00:00:16	00:01:50	56	224
	17	17:49:04	17:49:06	17:49:22	17:49:25	17:50:53	00:00:16	00:01:47		
	18	17:52:45	17:52:47	17:53:05	17:53:08	17:54:42	00:00:18	00:01:55		
	19	17:56:31	17:56:33	17:56:52	17:56:55	17:58:25	00:00:19	00:01:52		
	20	17:58:25	17:58:27	17:58:44	17:58:47	18:00:24	00:00:17	00:01:57		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:12	1800	
8	00:00:16	1755	
6	00:00:11	1964	
7	00:00:14	1800	
6	00:00:12	1800	
6	00:00:13	1662	
6	00:00:14	1543	
6	00:00:12	1800	
7	00:00:14	1800	Average
6	00:00:13	1662	1758

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	72	288	00:01:35	00:00:17	1758	89.04%	
08:15 - 08:30	68	272	00:01:33	00:00:17	1758	84.58%	
08:30 - 08:45	59	236	00:01:34	00:00:19	1758	87.10%	Average
08:45 - 09:00	77	308	00:01:33	00:00:18	1758	90.50%	87.31%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	44	176	00:01:35	00:00:18	1758	52.60%	
17:15 - 17:30	52	208	00:01:38	00:00:17	1758	66.48%	
17:30 - 17:45	57	228	00:01:51	00:00:17	1758	83.83%	Average
17:45 - 18:00	56	224	00:01:52	00:00:17	1758	81.10%	71.50%

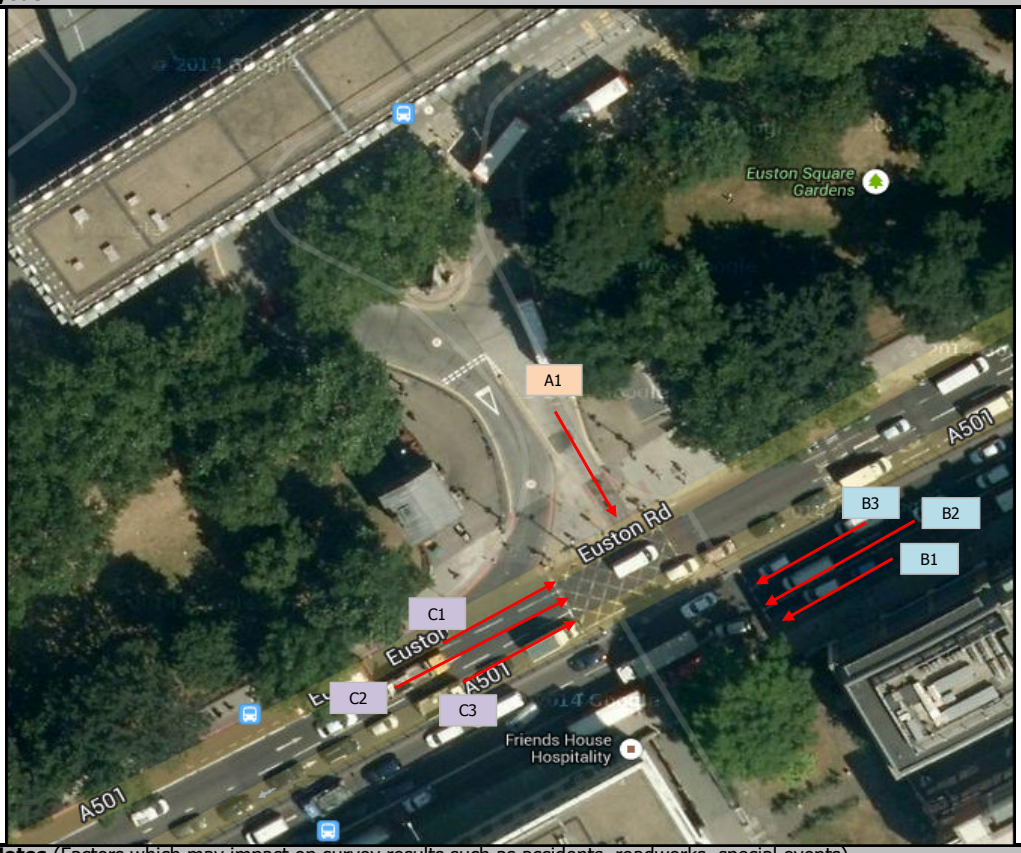
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:51	0	0	0	0	0	0	0	0	0	0	06:06:54	0	0	0	0	0	0	0	0	0	0	06:07:58	00:01:26
0	0	0	0	0	0	0	0	0	06:16:13	0	0	0	0	0	0	0	0	0	0	06:16:16	0	0	0	0	0	0	0	0	0	0	06:17:28	00:01:34
0	0	0	0	0	0	0	0	0	06:19:25	0	0	0	0	0	0	0	0	0	0	06:19:28	0	0	0	0	0	0	0	0	0	0	06:20:41	00:01:35
0	0	0	0	0	0	0	0	0	06:22:37	0	0	1	0	0	0	0	0	0	1	06:22:40	0	0	0	0	0	0	0	0	0	0	06:23:53	00:01:35
0	0	0	0	0	0	0	0	0	06:25:00	1	0	1	0	0	0	0	0	0	2	06:25:03	0	0	0	0	0	0	0	0	0	0	06:30:16	00:01:34
0	0	0	0	0	0	0	0	0	06:35:26	0	0	0	0	0	0	0	0	0	0	06:35:29	0	0	0	0	0	0	0	0	0	0	06:36:42	00:01:35
0	0	0	0	0	0	0	0	0	06:37:02	1	0	1	0	0	0	0	0	0	2	06:37:05	0	0	0	0	0	0	0	0	0	0	06:38:18	00:01:34
0	0	0	0	0	0	0	0	0	06:43:25	1	0	0	0	0	0	0	0	0	1	06:43:28	0	0	0	0	0	0	0	0	0	0	06:44:40	00:01:34
0	0	0	0	0	0	0	0	0	06:46:37	1	0	0	0	0	0	0	0	0	1	06:46:40	0	0	0	0	0	0	0	0	0	0	06:47:52	00:01:34
0	0	0	0	0	0	0	0	0	06:59:25	0	0	1	0	0	0	0	0	0	1	06:59:28	0	0	0	0	0	0	0	0	0	0	07:00:42	00:01:36

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 25
Date of Survey: 12.06.2014
Junction Name: Euston Road / Euston Square Gardens
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.526817	-0.132225	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

A1 is for buses only. Saturation flow surveys were not completed here.

C1 included all vehicles in this lane in the MCC, but only includes vehicles going straight on in the saturation flows. This is because the left turn is not signalised.

Sat flows in C2 and C3 are lowered due to exit queuing.

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 25
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:35	0	0	0	0	0	0	0	0	0	0	06:02:37	0	1	0	0	0	2	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
2	06:09:59	0	0	0	0	0	0	0	0	0	0	06:10:01	0	0	0	0	0	1	0	1	1	3		0	0	0	0	0	0	0	0	0	0		0
3	06:16:26	0	0	0	0	0	0	0	0	0	0	06:16:28	0	1	0	0	0	1	0	1	1	4		0	0	0	0	0	0	0	0	0	0		0
4	06:21:27	0	0	0	0	0	0	0	0	0	0	06:21:29	0	0	0	0	0	1	0	0	3	3		0	0	0	0	0	0	0	0	0	0		0
5	06:26:02	0	0	0	0	0	0	0	0	0	0	06:26:04	0	1	0	0	0	0	0	1	3	2		0	0	0	0	0	0	0	0	0	0		0
6	06:32:39	0	0	0	0	0	0	0	0	0	0	06:32:41	0	0	0	0	0	1	0	1	1	3		0	0	0	0	0	0	0	0	0	0		0
7	06:37:14	0	0	0	0	0	0	0	0	0	0	06:37:16	0	2	0	0	0	2	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:43:51	0	0	0	0	0	0	0	0	0	0	06:43:53	1	2	0	0	0	0	0	0	6	4		0	0	0	0	0	0	0	0	0	0		0
9	06:51:51	0	0	0	0	0	0	0	0	0	0	06:51:53	0	0	0	0	0	0	0	3	3	2		0	0	0	0	0	0	0	0	0	0		0
10	06:58:14	0	0	0	0	0	0	0	0	0	0	06:58:16	0	1	0	0	0	1	0	0	2	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:45	08:00:47	08:01:45	08:01:48	08:02:20	00:00:58	00:01:33		
2	08:03:56	08:03:58	08:05:00	08:05:03	08:05:35	00:01:02	00:01:37		
3	08:07:12	08:07:14	08:08:15	08:08:18	08:08:50	00:01:01	00:01:36	86	344
4	08:10:26	08:10:28	08:11:23	08:11:26	08:11:58	00:00:55	00:01:30		
5	08:13:38	08:13:40	08:14:38	08:14:41	08:15:13	00:00:58	00:01:33		
6	08:16:49	08:16:51	08:17:50	08:17:53	08:18:25	00:00:59	00:01:34		
7	08:19:58	08:20:00	08:21:02	08:21:05	08:21:37	00:01:02	00:01:37		
8	08:23:09	08:23:11	08:24:12	08:24:15	08:24:47	00:01:01	00:01:36	102	408
9	08:26:24	08:26:26	08:27:24	08:27:27	08:27:59	00:00:58	00:01:33		
10	08:29:34	08:29:36	08:30:35	08:30:42	08:31:14	00:01:03	00:01:38		
11	08:31:14	08:31:16	08:32:16	08:32:19	08:32:51	00:01:00	00:01:35		
12	08:32:51	08:32:53	08:33:54	08:33:57	08:34:29	00:01:01	00:01:36		
13	08:36:05	08:36:07	08:37:05	08:37:08	08:37:40	00:00:58	00:01:33	106	424
14	08:39:16	08:39:18	08:40:17	08:40:20	08:40:52	00:00:59	00:01:34		
15	08:42:26	08:42:28	08:43:23	08:43:26	08:43:58	00:00:55	00:01:30		
16	08:45:38	08:45:40	08:46:40	08:46:43	08:47:15	00:01:00	00:01:35		
17	08:48:52	08:48:54	08:49:53	08:49:56	08:50:28	00:00:59	00:01:34		
18	08:52:04	08:52:06	08:53:01	08:53:04	08:53:36	00:00:55	00:01:30		
19	08:55:16	08:55:18	08:56:14	08:56:17	08:56:49	00:00:56	00:01:31	104	416
20	08:58:28	08:58:30	08:59:29	08:59:32	09:00:04	00:00:59	00:01:34		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:47	17:01:49	17:02:47	17:02:50	17:03:22	00:00:58	00:01:33		
2	17:04:58	17:05:00	17:05:58	17:06:01	17:06:33	00:00:58	00:01:33		
3	17:08:13	17:08:15	17:09:12	17:09:15	17:09:47	00:00:57	00:01:32	95	380
4	17:11:25	17:11:27	17:12:28	17:12:31	17:13:03	00:01:01	00:01:36		
5	17:14:39	17:14:41	17:15:40	17:15:43	17:16:15	00:00:59	00:01:34		
6	17:16:15	17:16:17	17:17:15	17:17:18	17:17:50	00:00:58	00:01:33		
7	17:17:50	17:17:52	17:18:51	17:18:54	17:19:26	00:00:59	00:01:34		
8	17:21:02	17:21:04	17:22:02	17:22:05	17:22:37	00:00:58	00:01:33	92	368
9	17:24:13	17:24:15	17:25:13	17:25:16	17:25:49	00:00:58	00:01:34		
10	17:27:25	17:27:27	17:28:45	17:28:48	17:29:21	00:01:18	00:01:54		
11	17:31:13	17:31:15	17:32:30	17:32:33	17:33:05	00:01:15	00:01:50		
12	17:34:57	17:34:59	17:36:14	17:36:17	17:36:49	00:01:15	00:01:50		
13	17:38:40	17:38:42	17:39:58	17:40:01	17:40:33	00:01:16	00:01:51	76	304
14	17:42:25	17:42:27	17:43:41	17:43:44	17:44:16	00:01:14	00:01:49		
15	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50		
16	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50		
17	17:48:01	17:48:03	17:49:15	17:49:18	17:49:51	00:01:12	00:01:48		
18	17:51:49	17:51:51	17:53:06	17:53:09	17:53:40	00:01:15	00:01:49		
19	17:55:12	17:55:34	17:56:49	17:56:52	17:57:25	00:01:15	00:01:51		
20	17:59:16	17:59:18	18:00:33	18:00:36	18:01:09	00:01:15	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	86	344	00:01:34	00:00:59	0	0.00%	
08:15 - 08:30	102	408	00:01:36	00:01:01	0	0.00%	
08:30 - 08:45	106	424	00:01:34	00:00:59	0	0.00%	Average
08:45 - 09:00	104	416	00:01:33	00:00:58	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	95	380	00:01:34	00:00:59	0	0.00%	
17:15 - 17:30	92	368	00:01:38	00:01:02	0	0.00%	
17:30 - 17:45	76	304	00:01:50	00:01:15	0	0.00%	Average
17:45 - 18:00	83	332	00:01:50	00:01:14	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:42	0	0	0	0	0	0	0	0	0	0	06:03:45	0	0	0	0	0	0	0	0	1	0	06:04:17	00:01:40
0	0	0	0	0	0	0	0	0	06:11:14	0	0	0	0	0	0	0	0	0	0	06:11:17	0	0	0	0	0	0	0	0	0	0	06:11:36	00:01:35
0	0	0	0	0	0	0	0	0	06:17:40	0	0	0	0	0	0	0	0	0	0	06:17:43	0	0	0	0	0	0	0	0	0	0	06:18:15	00:01:47
0	0	0	0	0	0	0	0	0	06:22:28	0	0	0	0	0	0	0	0	0	0	06:22:31	0	0	0	0	0	0	0	0	0	0	06:22:50	00:01:23
0	0	0	0	0	0	0	0	0	06:27:16	0	0	0	0	0	0	0	0	0	0	06:27:19	0	0	0	0	0	0	0	0	0	0	06:27:51	00:01:47
0	0	0	0	0	0	0	0	0	06:33:40	0	0	0	0	0	0	0	0	0	0	06:33:43	0	0	0	0	0	0	0	0	0	0	06:34:02	00:01:21
0	0	0	0	0	0	0	0	0	06:38:28	0	0	0	0	0	0	0	0	0	0	06:38:31	0	0	0	0	0	0	0	0	0	0	06:39:03	00:01:47
0	0	0	0	0	0	0	0	0	06:44:52	0	0	0	0	0	0	0	0	1	0	06:44:55	0	0	0	0	0	0	0	0	0	0	06:45:14	00:01:21
0	0	0	0	0	0	0	0	0	06:52:52	0	0	0	0	0	0	0	0	0	0	06:52:55	0	0	0	0	0	0	0	0	0	0	06:53:27	00:01:34
0	0	0	0	0	0	0	0	0	06:59:15	0	0	0	0	0	0	0	0	0	0	06:59:18	0	0	0	0	0	0	0	0	0	0	06:59:50	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 25
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	
1	06:01:06	0	0	0	0	0	0	0	0	0	0	06:01:08	2	0	0	0	0	0	0	0	0	2	06:01:37	8	1	2	1	0	0	0	0	0	13	06:02:00	0
2	06:07:12	0	0	1	0	0	0	0	0	0	1	06:07:14	2	0	1	0	0	0	0	0	0	3	06:07:30	3	1	2	1	0	0	0	0	0	9	06:07:45	0
3	06:14:50	0	0	0	0	0	0	0	0	0	0	06:14:52	1	0	1	0	0	0	0	0	0	2	06:15:19	9	1	1	0	0	0	0	0	0	11	06:15:38	0
4	06:18:15	0	0	0	0	0	0	0	0	0	0	06:18:17	3	0	0	0	0	0	0	1	0	5	06:18:39	10	0	5	0	1	0	0	0	0	17	06:19:04	0
5	06:22:50	0	0	0	0	0	0	0	0	0	0	06:22:52	0	0	2	0	0	0	0	0	0	2	06:23:17	8	2	1	2	0	0	0	1	0	14	06:23:43	0
6	06:29:14	0	0	0	0	0	0	0	0	0	0	06:29:16	1	0	1	0	0	0	0	1	0	2	06:29:41	6	3	5	0	0	0	0	0	0	14	06:30:03	1
7	06:34:02	0	0	0	0	0	0	0	0	0	0	06:34:04	3	0	0	0	0	0	0	0	0	3	06:34:28	10	2	5	0	0	0	0	0	0	17	06:35:01	0
8	06:39:03	0	0	0	0	0	0	0	0	0	0	06:39:05	1	1	1	0	0	0	0	0	0	4	06:39:27	7	2	5	4	0	0	0	1	0	20	06:40:04	0
9	06:48:39	0	0	0	0	0	0	0	0	0	0	06:48:41	1	0	0	1	0	0	0	0	0	3	06:48:59	4	4	5	0	1	0	0	0	0	15	06:49:27	0
10	06:56:38	0	0	0	0	0	0	0	0	0	0	06:56:40	1	1	0	0	0	0	0	0	0	2	06:56:55	4	0	4	0	0	0	0	0	0	8	06:57:09	9

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:45	08:00:47	08:01:45	08:01:48	08:02:20	00:00:58	00:01:33	134	536
	2	08:03:56	08:03:58	08:05:00	08:05:03	08:05:35	00:01:02	00:01:37		
	3	08:07:12	08:07:14	08:08:15	08:08:18	08:08:50	00:01:01	00:01:36		
	4	08:10:26	08:10:28	08:11:23	08:11:26	08:11:58	00:00:55	00:01:30		
	5	08:13:38	08:13:40	08:14:38	08:14:41	08:15:13	00:00:58	00:01:33		
08:15 - 08:30	6	08:16:49	08:16:51	08:17:50	08:17:53	08:18:25	00:00:59	00:01:34	146	584
	7	08:19:58	08:20:00	08:21:02	08:21:05	08:21:37	00:01:02	00:01:37		
	8	08:23:09	08:23:11	08:24:12	08:24:15	08:24:47	00:01:01	00:01:36		
	9	08:26:24	08:26:26	08:27:24	08:27:27	08:27:59	00:00:58	00:01:33		
	10	08:29:34	08:29:36	08:30:39	08:30:42	08:31:14	00:01:03	00:01:38		
08:30 - 08:45	11	08:31:14	08:31:16	08:32:16	08:32:19	08:32:51	00:01:00	00:01:35	139	556
	12	08:32:51	08:32:53	08:33:54	08:33:57	08:34:29	00:01:01	00:01:36		
	13	08:36:05	08:36:07	08:37:05	08:37:08	08:37:40	00:00:58	00:01:33		
	14	08:39:16	08:39:18	08:40:17	08:40:20	08:40:52	00:00:59	00:01:34		
	15	08:42:26	08:42:28	08:43:23	08:43:26	08:43:58	00:00:55	00:01:30		
08:45 - 09:00	16	08:45:38	08:45:40	08:46:40	08:46:43	08:47:15	00:01:00	00:01:35	123	492
	17	08:48:52	08:48:54	08:49:53	08:49:56	08:50:28	00:00:59	00:01:34		
	18	08:52:04	08:52:06	08:53:01	08:53:04	08:53:36	00:00:55	00:01:30		
	19	08:55:16	08:55:18	08:56:14	08:56:17	08:56:49	00:00:56	00:01:31		
	20	08:58:28	08:58:30	08:59:29	08:59:32	09:00:04	00:00:59	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:47	17:01:49	17:02:47	17:02:50	17:03:22	00:00:58	00:01:33	85	340
	2	17:04:58	17:05:00	17:05:58	17:06:01	17:06:33	00:00:58	00:01:33		
	3	17:08:13	17:08:15	17:09:12	17:09:15	17:09:47	00:00:57	00:01:32		
	4	17:11:25	17:11:27	17:12:28	17:12:31	17:13:03	00:01:01	00:01:36		
	5	17:14:39	17:14:41	17:15:40	17:15:43	17:16:15	00:00:59	00:01:34		
17:15 - 17:30	6	17:16:15	17:16:17	17:17:15	17:17:18	17:17:50	00:00:56	00:01:33	66	264
	7	17:17:50	17:17:52	17:18:51	17:18:54	17:19:26	00:00:59	00:01:34		
	8	17:21:02	17:21:04	17:22:02	17:22:05	17:22:37	00:00:58	00:01:33		
	9	17:24:13	17:24:15	17:25:13	17:25:16	17:25:49	00:00:58	00:01:34		
	10	17:27:25	17:27:27	17:28:45	17:28:48	17:29:21	00:01:18	00:01:54		
17:30 - 17:45	11	17:31:13	17:31:15	17:32:30	17:32:33	17:33:05	00:01:15	00:01:50	100	400
	12	17:34:57	17:34:59	17:36:14	17:36:17	17:36:49	00:01:15	00:01:50		
	13	17:38:40	17:38:42	17:39:58	17:40:01	17:40:33	00:01:16	00:01:51		
	14	17:42:25	17:42:27	17:43:41	17:43:44	17:44:16	00:01:14	00:01:49		
	15	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50		
17:45 - 18:00	16	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50	83	332
	17	17:48:01	17:48:03	17:49:15	17:49:18	17:49:51	00:01:12	00:01:48		
	18	17:51:49	17:51:51	17:53:06	17:53:09	17:53:40	00:01:15	00:01:49		
	19	17:55:32	17:55:34	17:56:49	17:56:52	17:57:25	00:01:15	00:01:51		
	20	17:59:16	17:59:18	18:00:33	18:00:36	18:01:09	00:01:15	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
13	00:00:23	1957	
9	00:00:15	2040	
11	00:00:19	2084	
17	00:00:25	2401	
14	00:00:36	1994	
14	00:00:22	2201	
17	00:00:33	1855	
20	00:00:37	1985	
15	00:00:28	1967	Average
8	00:00:14	2057	2072

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	134	536	00:01:34	00:00:59	2072	41.27%	
08:15 - 08:30	146	584	00:01:36	00:01:01	2072	44.46%	
08:30 - 08:45	139	556	00:01:34	00:00:59	2072	42.86%	Average
08:45 - 09:00	123	492	00:01:33	00:00:58	2072	38.12%	41.68%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	85	340	00:01:34	00:00:59	2072	26.21%	
17:15 - 17:30	66	264	00:01:38	00:01:02	2072	19.99%	
17:30 - 17:45	100	400	00:01:50	00:01:15	2072	28.31%	Average
17:45 - 18:00	83	332	00:01:50	00:01:14	2072	23.65%	24.54%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:13	0	0	0	0	0	0	0	0	0	0	06:02:16	0	0	0	0	0	0	0	0	0	0	06:02:35	00:01:27
0	2	0	0	0	0	0	0	10	06:08:09	0	0	0	0	0	0	0	0	0	0	06:08:12	0	0	0	0	0	0	0	0	0	0	06:08:31	00:01:17
1	0	0	0	0	0	0	0	1	06:16:04	0	0	0	0	0	0	0	0	0	0	06:16:07	0	0	0	0	0	0	0	0	0	0	06:16:26	00:01:34
0	0	0	0	0	0	0	0	0	06:19:16	0	0	0	0	0	0	0	0	0	0	06:19:19	0	0	0	0	0	0	0	0	0	0	06:19:51	00:01:34
0	1	0	0	0	0	1	0	1	06:24:04	0	0	0	0	0	0	0	0	0	0	06:24:07	0	0	0	0	0	0	0	0	0	0	06:24:39	00:01:47
0	0	0	0	0	0	0	0	1	06:30:28	0	0	0	0	0	0	0	0	0	0	06:30:31	0	0	0	0	0	0	0	0	0	0	06:31:03	00:01:47
0	0	0	0	0	0	0	0	0	06:35:16	0	0	0	0	0	0	0	0	0	0	06:35:19	0	0	0	0	0	0	0	0	0	0	06:35:51	00:01:47
0	0	0	0	0	0	0	0	0	06:40:05	0	0	0	0	0	0	0	0	0	0	06:40:08	0	0	0	0	0	0	0	0	0	0	06:40:40	00:01:35
0	0	0	0	0	0	0	0	0	06:49:40	0	0	0	0	0	0	0	0	0	0	06:49:43	0	0	0	0	0	0	0	0	0	0	06:50:15	00:01:34
2	0	0	0	0	0	0	0	11	06:57:39	0	0	0	0	0	0	0	0	0	0	06:57:42	0	0	0	0	0	0	0	0	0	0	06:58:14	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 25
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:17	0	0	0	0	0	0	0	0	0	0	06:04:19	3	0	1	0	0	0	0	0	0	4	06:04:38	13	0	3	0	0	0	0	0	0	16	06:05:07	0
2	06:08:31	0	0	0	0	0	0	0	0	0	0	06:08:33	1	0	2	0	0	0	0	0	0	3	06:09:03	13	0	4	0	0	0	0	0	0	17	06:09:27	0
3	06:13:13	0	0	0	0	0	0	0	0	0	0	06:13:15	2	0	0	0	0	0	0	0	0	2	06:13:44	8	0	5	0	0	0	0	0	0	13	06:14:03	1
4	06:19:51	0	0	0	0	0	0	0	0	0	0	06:19:53	0	0	2	0	0	0	0	0	0	2	06:20:04	12	0	5	0	0	0	0	0	0	17	06:20:22	0
5	06:24:39	0	0	0	0	0	0	0	0	0	0	06:24:41	2	0	0	0	0	0	0	0	0	2	06:24:53	5	0	1	0	0	0	0	0	0	6	06:25:01	4
6	06:31:03	0	0	0	0	0	0	0	0	0	0	06:31:05	2	0	0	0	0	0	0	0	0	2	06:31:18	8	1	1	0	0	0	0	0	0	10	06:31:35	8
7	06:37:14	0	0	0	0	0	0	0	0	0	0	06:37:16	2	0	1	0	0	0	0	0	0	3	06:37:43	12	0	2	0	0	0	0	0	0	14	06:38:07	2
8	06:40:40	0	0	0	0	0	0	0	0	0	0	06:40:42	2	1	0	0	0	0	0	0	0	3	06:40:52	19	0	6	0	0	0	0	0	0	25	06:41:33	0
9	06:51:51	0	0	0	0	0	0	0	0	0	0	06:51:53	4	0	0	0	0	0	0	0	0	4	06:52:11	6	0	8	0	0	0	0	0	0	14	06:52:35	2
10	06:58:14	0	0	0	0	0	0	0	0	0	0	06:58:16	0	0	2	0	0	0	0	0	0	2	06:58:31	12	0	7	1	0	0	0	1	0	21	06:59:12	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:45	08:00:47	08:01:45	08:01:48	08:02:20	00:00:58	00:01:33	149	596
	2	08:03:56	08:03:58	08:05:00	08:05:03	08:05:35	00:01:02	00:01:37		
	3	08:07:12	08:07:14	08:08:15	08:08:18	08:08:50	00:01:01	00:01:36		
	4	08:10:26	08:10:28	08:11:23	08:11:26	08:11:58	00:00:55	00:01:30		
	5	08:13:38	08:13:40	08:14:38	08:14:41	08:15:13	00:00:58	00:01:33		
08:15 - 08:30	6	08:16:49	08:16:51	08:17:50	08:17:53	08:18:25	00:00:59	00:01:34	138	552
	7	08:19:58	08:20:00	08:21:02	08:21:05	08:21:37	00:01:02	00:01:37		
	8	08:23:09	08:23:11	08:24:12	08:24:15	08:24:47	00:01:01	00:01:36		
	9	08:26:24	08:26:26	08:27:24	08:27:27	08:27:59	00:00:58	00:01:33		
	10	08:29:34	08:29:36	08:30:39	08:30:42	08:31:14	00:01:03	00:01:38		
08:30 - 08:45	11	08:31:14	08:31:16	08:32:16	08:32:19	08:32:51	00:01:00	00:01:35	140	560
	12	08:32:51	08:32:53	08:33:54	08:33:57	08:34:29	00:01:01	00:01:36		
	13	08:36:05	08:36:07	08:37:05	08:37:08	08:37:40	00:00:58	00:01:33		
	14	08:39:16	08:39:18	08:40:17	08:40:20	08:40:52	00:00:59	00:01:34		
	15	08:42:26	08:42:28	08:43:23	08:43:26	08:43:58	00:00:55	00:01:30		
08:45 - 09:00	16	08:45:38	08:45:40	08:46:40	08:46:43	08:47:15	00:01:00	00:01:35	128	512
	17	08:48:52	08:48:54	08:49:53	08:49:56	08:50:28	00:00:59	00:01:34		
	18	08:52:04	08:52:06	08:53:01	08:53:04	08:53:36	00:00:55	00:01:30		
	19	08:55:16	08:55:18	08:56:14	08:56:17	08:56:49	00:00:56	00:01:31		
	20	08:58:28	08:58:30	08:59:29	08:59:32	09:00:04	00:00:59	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:47	17:01:49	17:02:47	17:02:50	17:03:22	00:00:58	00:01:33	80	320
	2	17:04:58	17:05:00	17:05:58	17:06:01	17:06:33	00:00:58	00:01:33		
	3	17:08:13	17:08:15	17:09:12	17:09:15	17:09:47	00:00:57	00:01:32		
	4	17:11:25	17:11:27	17:12:28	17:12:31	17:13:03	00:01:01	00:01:36		
	5	17:14:39	17:14:41	17:15:40	17:15:43	17:16:15	00:00:59	00:01:34		
17:15 - 17:30	6	17:16:15	17:16:17	17:17:15	17:17:18	17:17:50	00:00:56	00:01:33	73	292
	7	17:17:50	17:17:52	17:18:51	17:18:54	17:19:26	00:00:59	00:01:34		
	8	17:21:02	17:21:04	17:22:02	17:22:05	17:22:37	00:00:58	00:01:33		
	9	17:24:13	17:24:15	17:25:13	17:25:16	17:25:49	00:00:58	00:01:34		
17:30 - 17:45	10	17:27:25	17:27:27	17:28:45	17:28:48	17:29:21	00:01:18	00:01:54	91	364
	11	17:31:13	17:31:15	17:32:30	17:32:33	17:33:05	00:01:15	00:01:50		
	12	17:34:57	17:34:59	17:36:14	17:36:17	17:36:49	00:01:15	00:01:50		
	13	17:38:40	17:38:42	17:39:58	17:40:01	17:40:33	00:01:16	00:01:51		
	14	17:42:25	17:42:27	17:43:41	17:43:44	17:44:16	00:01:14	00:01:49		
	15	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50		
17:45 - 18:00	16	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50	84	336
	17	17:48:01	17:48:03	17:49:15	17:49:18	17:49:51	00:01:12	00:01:48		
	18	17:51:49	17:51:51	17:53:06	17:53:09	17:53:40	00:01:15	00:01:49		
	19	17:55:32	17:55:34	17:56:49	17:56:52	17:57:25	00:01:15	00:01:51		
	20	17:59:16	17:59:18	18:00:33	18:00:36	18:01:09	00:01:15	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
16	00:00:29	1986	
17	00:00:24	2550	
13	00:00:19	2463	
17	00:00:33	1855	
6	00:00:08	2700	
10	00:00:17	2118	
14	00:00:24	2100	
25	00:00:41	2195	
14	00:00:24	2100	Average
21	00:00:41	1835	2190

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	149	596	00:01:34	00:00:59	2190	43.42%	
08:15 - 08:30	138	552	00:01:36	00:01:01	2190	39.78%	
08:30 - 08:45	140	560	00:01:34	00:00:59	2190	40.84%	Average
08:45 - 09:00	128	512	00:01:33	00:00:58	2190	37.53%	40.39%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	80	320	00:01:34	00:00:59	2190	23.34%	
17:15 - 17:30	73	292	00:01:38	00:01:02	2190	20.92%	
17:30 - 17:45	91	364	00:01:50	00:01:15	2190	24.38%	Average
17:45 - 18:00	84	336	00:01:50	00:01:14	2190	22.64%	22.82%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:08	1	0	0	0	0	0	0	0	0	1	06:05:11	0	0	0	0	0	0	0	0	0	0	06:05:43	00:01:24
0	0	0	0	0	0	0	0	0	06:09:37	0	0	0	0	0	0	0	0	0	0	06:09:40	0	0	0	0	0	0	0	0	0	0	06:09:59	00:01:26
0	0	0	1	0	0	0	0	3	06:14:28	0	0	0	0	0	0	0	0	0	0	06:14:31	0	0	0	0	0	0	0	0	0	0	06:14:50	00:01:35
0	0	0	0	0	0	1	0	0	06:20:52	0	0	0	0	0	0	0	0	0	0	06:20:55	0	0	0	0	0	0	0	0	0	0	06:21:37	00:01:34
0	2	0	0	0	0	0	0	6	06:25:40	0	0	0	0	0	0	0	0	0	0	06:25:43	0	0	0	0	0	0	0	0	0	0	06:26:02	00:01:21
1	3	0	0	0	0	0	0	12	06:32:04	0	0	0	0	0	0	0	0	0	0	06:32:07	0	0	0	0	0	0	0	0	0	0	06:32:39	00:01:34
0	3	0	0	0	0	0	0	5	06:38:26	0	0	0	0	0	0	0	0	0	0	06:38:31	0	0	0	0	0	0	0	0	0	0	06:39:03	00:01:47
0	0	0	0	0	0	0	0	0	06:41:40	0	0	0	0	0	0	0	0	0	0	06:41:43	0	0	0	0	0	0	0	0	0	0	06:42:15	00:01:33
0	1	0	0	0	0	0	0	3	06:52:52	0	0	0	0	0	0	0	0	0	0	06:52:55	0	0	0	0	0	0	0	0	0	0	06:53:27	00:01:34
0	0	0	0	0	0	0	0	0	06:59:15	0	0	0	0	0	0	0	0	0	0	06:59:18	0	0	0	0	0	0	0	0	0	0	06:59:50	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 25
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:06	0	0	0	0	0	0	0	0	0	0	06:01:08	0	1	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:09:59	0	0	0	0	0	0	0	0	0	0	06:10:01	0	1	0	0	0	1	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
3	06:14:50	0	0	0	0	0	0	0	0	0	0	06:14:52	3	3	0	0	0	3	0	0	2	6		0	0	0	0	0	0	0	0	0	0		0
4	06:19:52	0	0	0	0	0	0	0	0	0	0	06:19:53	4	2	1	0	0	1	0	1	0	9		0	0	0	0	0	0	0	0	0	0		0
5	06:29:14	0	0	0	0	0	0	0	0	0	0	06:29:16	2	1	2	0	0	0	0	1	1	6		0	0	0	0	0	0	0	0	0	0		0
6	06:37:14	0	0	0	0	0	0	0	0	0	0	06:37:16	3	3	0	0	0	1	0	2	3	9		0	0	0	0	0	0	0	0	0	0		0
7	06:43:51	0	0	0	0	0	0	0	1	0	0	06:43:53	4	1	0	0	0	1	0	1	2	8		0	0	0	0	0	0	0	0	0	0		0
8	06:47:03	0	0	0	0	0	0	0	0	0	0	06:47:05	5	0	0	0	0	0	0	3	0	6		0	0	0	0	0	0	0	0	0	0		0
9	06:53:27	0	0	0	0	0	0	0	0	0	0	06:53:29	1	2	0	0	0	1	0	1	3	6		0	0	0	0	0	0	0	0	0	0		0
10	06:58:14	0	0	0	0	0	0	0	0	0	0	06:58:16	1	3	2	0	0	1	0	4	3	10		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:20	08:02:22	08:03:21	08:03:24	08:03:56	00:00:59	00:01:34	114	456
	2	08:05:35	08:05:37	08:06:37	08:06:40	08:07:12	00:01:00	00:01:35		
	3	08:08:50	08:08:52	08:09:51	08:09:54	08:10:26	00:00:59	00:01:34		
	4	08:11:58	08:12:00	08:13:03	08:13:06	08:13:38	00:01:03	00:01:38		
	5	08:13:38	08:13:40	08:14:38	08:14:41	08:15:13	00:00:58	00:01:33		
08:15 - 08:30	6	08:15:13	08:15:15	08:16:14	08:16:17	08:16:49	00:00:59	00:01:34	140	560
	7	08:18:25	08:18:27	08:19:23	08:19:26	08:19:58	00:00:56	00:01:31		
	8	08:21:37	08:21:39	08:22:34	08:22:37	08:23:09	00:00:55	00:01:30		
	9	08:24:47	08:24:49	08:25:49	08:25:52	08:26:24	00:01:00	00:01:35		
	10	08:27:59	08:28:01	08:28:59	08:29:02	08:29:34	00:00:58	00:01:33		
08:30 - 08:45	11	08:31:14	08:31:16	08:32:16	08:32:19	08:32:51	00:01:00	00:01:35	146	584
	12	08:34:29	08:34:31	08:35:30	08:35:33	08:36:05	00:00:59	00:01:34		
	13	08:37:40	08:37:42	08:38:41	08:38:44	08:39:16	00:00:59	00:01:34		
	14	08:40:52	08:40:54	08:41:51	08:41:54	08:42:26	00:00:57	00:01:32		
	15	08:43:58	08:44:00	08:45:03	08:45:06	08:45:38	00:01:03	00:01:38		
08:45 - 09:00	16	08:47:15	08:47:17	08:48:17	08:48:20	08:48:52	00:01:00	00:01:35	139	556
	17	08:50:28	08:50:30	08:51:29	08:51:32	08:52:04	00:00:59	00:01:34		
	18	08:53:36	08:53:38	08:54:41	08:54:44	08:55:16	00:01:03	00:01:38		
	19	08:56:49	08:56:51	08:57:53	08:57:56	08:58:28	00:01:02	00:01:37		
	20	08:58:28	08:58:30	08:59:29	08:59:32	09:00:04	00:00:59	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:11	17:00:13	17:01:11	17:01:14	17:01:47	00:00:58	00:01:34	138	552
	2	17:03:22	17:03:24	17:04:22	17:04:25	17:04:58	00:00:58	00:01:34		
	3	17:06:33	17:06:35	17:07:37	17:07:40	17:08:13	00:01:02	00:01:38		
	4	17:09:47	17:09:49	17:10:51	17:10:54	17:11:25	00:01:02	00:01:36		
	5	17:13:03	17:13:05	17:14:04	17:14:07	17:14:39	00:00:59	00:01:34		
17:15 - 17:30	6	17:16:15	17:16:17	17:17:15	17:17:18	17:17:50	00:00:58	00:01:33	155	620
	7	17:19:26	17:19:28	17:20:27	17:20:30	17:21:02	00:00:59	00:01:34		
	8	17:22:37	17:22:39	17:23:38	17:23:41	17:24:13	00:00:59	00:01:34		
	9	17:25:49	17:25:51	17:26:50	17:26:53	17:27:25	00:00:59	00:01:34		
	10	17:29:21	17:29:23	17:30:38	17:30:41	17:31:13	00:01:15	00:01:50		
17:30 - 17:45	11	17:31:13	17:31:15	17:32:30	17:32:33	17:33:05	00:01:15	00:01:50	223	892
	12	17:33:05	17:33:07	17:34:22	17:34:25	17:34:57	00:01:15	00:01:50		
	13	17:36:49	17:36:51	17:38:06	17:38:09	17:38:40	00:01:15	00:01:49		
	14	17:40:33	17:40:35	17:41:49	17:41:52	17:42:25	00:01:14	00:01:50		
	15	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50		
17:45 - 18:00	16	17:46:08	17:46:10	17:47:26	17:47:29	17:48:01	00:01:16	00:01:51	184	736
	17	17:49:51	17:49:53	17:51:13	17:51:16	17:51:49	00:01:20	00:01:56		
	18	17:53:40	17:53:42	17:54:57	17:55:00	17:55:32	00:01:15	00:01:50		
	19	17:57:25	17:57:27	17:58:41	17:58:44	17:59:16	00:01:14	00:01:49		
	20	17:59:16	17:59:18	18:00:33	18:00:36	18:01:09	00:01:15	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	114	456	00:01:35	00:01:00	0	0.00%	
08:15 - 08:30	140	560	00:01:33	00:00:58	0	0.00%	
08:30 - 08:45	146	584	00:01:35	00:01:00	0	0.00%	Average
08:45 - 09:00	139	556	00:01:36	00:01:01	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	138	552	00:01:35	00:01:00	0	0.00%	
17:15 - 17:30	155	620	00:01:37	00:01:02	0	0.00%	
17:30 - 17:45	223	892	00:01:50	00:01:15	0	0.00%	Average
17:45 - 18:00	184	736	00:01:51	00:01:16	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:13	0	0	0	0	0	0	0	0	0	0	06:02:16	0	0	0	0	0	0	0	0	0	0	06:02:35	00:01:27
0	0	0	0	0	0	0	0	0	06:11:14	0	0	0	0	0	0	0	0	0	0	06:11:17	0	0	0	0	0	0	0	0	0	0	06:11:36	00:01:35
0	0	0	0	0	0	0	0	0	06:16:04	0	0	0	0	0	0	0	0	0	0	06:16:07	0	0	0	0	0	0	0	0	0	0	06:16:26	00:01:34
0	0	0	0	0	0	0	0	0	06:20:52	0	0	1	0	0	0	0	0	0	1	06:20:55	0	0	0	0	0	0	0	0	0	0	06:21:27	00:01:34
0	0	0	0	0	0	0	0	0	06:30:28	0	0	1	0	0	0	0	0	0	1	06:30:31	0	0	0	0	0	0	0	0	0	0	06:31:03	00:01:47
0	0	0	0	0	0	0	0	0	06:38:28	0	1	0	0	0	0	0	0	0	1	06:38:31	0	0	0	0	0	0	0	0	0	0	06:39:03	00:01:47
0	0	0	0	0	0	0	0	0	06:44:52	0	0	0	0	0	0	0	2	0	1	06:44:55	0	0	0	0	0	0	0	0	0	0	06:45:14	00:01:21
0	0	0	0	0	0	0	0	0	06:48:04	0	0	0	0	0	0	0	0	0	0	06:48:07	0	0	0	0	0	0	0	0	0	0	06:48:39	00:01:34
0	0	0	0	0	0	0	0	0	06:54:27	0	0	0	0	0	0	0	0	0	0	06:54:30	0	0	0	0	0	0	0	0	0	0	06:55:02	00:01:53
0	0	0	0	0	0	0	0	0	06:59:15	0	0	0	0	0	0	0	0	0	0	06:59:18	0	0	0	0	0	0	0	0	0	0	06:59:50	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 25
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:43	0	0	0	0	0	0	0	0	0	0	06:05:45	2	0	0	0	0	0	0	0	0	2	06:05:50	11	0	6	2	0	0	0	0	0	20	06:06:36	0
2	06:14:50	0	0	0	0	0	0	0	0	0	0	06:14:52	2	0	0	0	0	0	0	1	0	2	06:15:29	10	0	3	1	0	0	0	1	0	16	06:16:02	0
3	06:18:15	0	0	0	0	0	0	0	0	0	0	06:18:17	4	0	1	0	0	0	0	0	0	5	06:18:41	5	0	7	1	0	0	0	1	0	14	06:19:09	0
4	06:22:50	0	0	0	0	0	0	0	0	0	0	06:22:52	4	0	2	1	0	0	0	0	0	8	06:23:29	9	0	1	2	0	0	0	2	0	14	06:24:02	0
5	06:29:14	0	0	0	0	0	0	0	0	0	0	06:29:16	3	0	3	0	0	0	0	0	0	6	06:29:51	15	0	5	0	0	0	0	0	0	20	06:30:28	0
6	06:34:02	0	0	0	0	0	0	0	0	0	0	06:34:04	7	0	5	0	0	0	0	1	1	13	06:34:44	9	0	2	0	0	0	0	0	0	11	06:35:07	2
7	06:39:03	0	0	0	0	0	0	0	0	0	0	06:39:05	1	0	1	0	0	0	0	0	0	2	06:39:11	12	0	4	0	0	0	0	1	0	16	06:39:52	3
8	06:43:51	0	0	0	0	0	0	0	0	0	0	06:43:53	1	0	0	1	0	0	0	0	0	3	06:44:00	8	0	7	0	0	0	0	1	0	15	06:44:30	3
9	06:48:39	0	0	0	0	0	0	0	0	0	0	06:48:41	1	0	0	1	0	0	0	0	0	2	06:48:47	3	0	3	1	0	0	0	0	0	8	06:49:05	4
10	06:56:38	0	0	0	0	0	0	0	0	0	0	06:56:40	1	0	1	0	0	0	0	0	0	2	06:56:45	16	0	4	0	0	0	0	0	0	20	06:57:32	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:20	08:02:22	08:03:21	08:03:24	08:03:56	00:00:59	00:01:34	215	860
	2	08:05:35	08:05:37	08:06:37	08:06:40	08:07:12	00:01:00	00:01:35		
	3	08:08:50	08:08:52	08:09:51	08:09:54	08:10:26	00:00:59	00:01:34		
	4	08:11:58	08:12:00	08:13:03	08:13:06	08:13:38	00:01:03	00:01:38		
	5	08:13:38	08:13:40	08:14:38	08:14:41	08:15:13	00:00:58	00:01:33		
08:15 - 08:30	6	08:15:13	08:15:15	08:16:14	08:16:17	08:16:49	00:00:59	00:01:34	211	844
	7	08:18:25	08:18:27	08:19:23	08:19:26	08:19:58	00:00:56	00:01:31		
	8	08:21:37	08:21:39	08:22:34	08:22:37	08:23:09	00:00:55	00:01:30		
	9	08:24:47	08:24:49	08:25:49	08:25:52	08:26:24	00:01:00	00:01:35		
	10	08:27:59	08:28:01	08:28:59	08:29:02	08:29:34	00:00:58	00:01:33		
08:30 - 08:45	11	08:31:14	08:31:16	08:32:16	08:32:19	08:32:51	00:01:00	00:01:35	217	868
	12	08:34:29	08:34:31	08:35:30	08:35:33	08:36:05	00:00:59	00:01:34		
	13	08:37:40	08:37:42	08:38:41	08:38:44	08:39:16	00:00:59	00:01:34		
	14	08:40:52	08:40:54	08:41:51	08:41:54	08:42:26	00:00:57	00:01:32		
	15	08:43:58	08:44:00	08:45:03	08:45:06	08:45:38	00:01:03	00:01:38		
08:45 - 09:00	16	08:47:15	08:47:17	08:48:17	08:48:20	08:48:52	00:01:00	00:01:35	219	876
	17	08:50:28	08:50:30	08:51:29	08:51:32	08:52:04	00:00:59	00:01:34		
	18	08:53:36	08:53:38	08:54:41	08:54:44	08:55:16	00:01:03	00:01:38		
	19	08:56:49	08:56:51	08:57:53	08:57:56	08:58:28	00:01:02	00:01:37		
	20	08:58:28	08:58:30	08:59:29	08:59:32	09:00:04	00:00:59	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:11	17:00:13	17:01:11	17:01:14	17:01:47	00:00:58	00:01:34	98	392
	2	17:03:22	17:03:24	17:04:22	17:04:25	17:04:58	00:00:58	00:01:34		
	3	17:06:33	17:06:35	17:07:37	17:07:40	17:08:13	00:01:02	00:01:38		
	4	17:09:47	17:09:49	17:10:51	17:10:54	17:11:25	00:01:02	00:01:36		
	5	17:13:03	17:13:05	17:14:04	17:14:07	17:14:39	00:00:59	00:01:34		
17:15 - 17:30	6	17:16:15	17:16:17	17:17:15	17:17:18	17:17:50	00:00:58	00:01:33	91	364
	7	17:19:26	17:19:28	17:20:27	17:20:30	17:21:02	00:00:59	00:01:34		
	8	17:22:37	17:22:39	17:23:38	17:23:41	17:24:13	00:00:59	00:01:34		
	9	17:25:49	17:25:51	17:26:50	17:26:53	17:27:25	00:00:59	00:01:34		
	10	17:29:21	17:29:23	17:30:38	17:30:41	17:31:13	00:01:15	00:01:50		
17:30 - 17:45	11	17:31:13	17:31:15	17:32:30	17:32:33	17:33:05	00:01:15	00:01:50	175	700
	12	17:33:05	17:33:07	17:34:22	17:34:25	17:34:57	00:01:15	00:01:50		
	13	17:36:49	17:36:51	17:38:06	17:38:09	17:38:40	00:01:15	00:01:49		
	14	17:40:33	17:40:35	17:41:49	17:41:52	17:42:25	00:01:14	00:01:50		
	15	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50		
17:45 - 18:00	16	17:46:08	17:46:10	17:47:26	17:47:29	17:48:01	00:01:16	00:01:51	155	620
	17	17:49:51	17:49:53	17:51:13	17:51:16	17:51:49	00:01:20	00:01:56		
	18	17:53:40	17:53:42	17:54:57	17:55:00	17:55:32	00:01:15	00:01:50		
	19	17:57:25	17:57:27	17:58:41	17:58:44	17:59:16	00:01:14	00:01:49		
	20	17:59:16	17:59:18	18:00:33	18:00:36	18:01:09	00:01:15	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
20	00:00:46	1565	
16	00:00:33	1789	
14	00:00:28	1787	
14	00:00:33	1505	
20	00:00:37	1946	
11	00:00:23	1722	
16	00:00:41	1440	
15	00:00:30	1848	
8	00:00:18	1520	Average
20	00:00:47	1532	1663

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	215	860	00:01:35	00:01:00	1663	81.96%	
08:15 - 08:30	211	844	00:01:33	00:00:58	1663	81.57%	
08:30 - 08:45	217	868	00:01:35	00:01:00	1663	82.82%	Average
08:45 - 09:00	219	876	00:01:36	00:01:01	1663	83.98%	82.36%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	98	392	00:01:35	00:01:00	1663	37.52%	
17:15 - 17:30	91	364	00:01:37	00:01:02	1663	34.24%	
17:30 - 17:45	175	700	00:01:50	00:01:15	1663	61.77%	Average
17:45 - 18:00	155	620	00:01:51	00:01:16	1663	54.63%	47.04%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:37	0	0	0	0	0	0	0	0	0	0	06:06:40	0	0	0	0	0	0	0	0	0	0	06:07:12	00:01:27
0	0	0	0	0	0	0	0	0	06:16:04	0	0	0	0	0	0	0	0	0	0	06:16:07	0	0	0	0	0	0	0	0	0	0	06:16:26	00:01:34
0	1	0	0	0	0	0	0	1	06:19:16	0	0	0	0	0	0	0	0	0	0	06:19:19	0	0	0	0	0	0	0	0	0	0	06:19:51	00:01:34
0	0	0	0	0	0	0	0	0	06:24:04	1	0	0	0	0	0	0	0	0	1	06:24:07	0	0	0	0	0	0	0	0	0	0	06:24:39	00:01:47
0	0	0	0	0	0	0	0	0	06:30:28	0	0	0	1	0	0	0	0	0	2	06:30:31	1	0	0	0	0	0	0	0	0	1	06:31:03	00:01:47
0	1	0	0	0	0	0	0	3	06:35:16	1	0	0	0	0	0	0	1	0	1	06:35:19	0	0	0	0	0	0	0	0	0	0	06:35:51	00:01:47
0	2	0	0	0	0	0	0	5	06:40:05	1	0	1	0	0	0	0	0	0	2	06:40:08	0	0	0	0	0	0	0	0	0	0	06:40:40	00:01:35
0	2	0	0	0	0	0	0	5	06:44:52	1	0	0	0	0	0	0	0	0	1	06:44:55	0	0	0	0	0	0	0	0	0	0	06:45:14	00:01:21
0	5	1	1	0	0	0	0	11	06:49:40	1	0	0	0	0	0	0	0	0	1	06:49:43	0	0	0	0	0	0	0	0	0	0	06:50:15	00:01:34
0	1	0	0	0	0	0	0	1	06:57:39	1	0	0	0	0	0	0	0	0	1	06:57:42	0	0	0	0	0	0	0	0	0	0	06:58:14	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 25
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:43	0	0	0	0	0	0	0	0	0	0	06:05:45	2	0	0	0	0	0	0	1	0	2	06:06:08	6	0	5	0	0	0	0	0	0	11	06:06:32	0
2	06:22:50	0	0	0	0	0	0	0	0	0	0	06:22:52	2	0	1	0	0	0	0	1	0	4	06:23:34	6	0	3	0	0	0	0	0	0	9	06:23:57	0
3	06:29:14	0	0	0	0	0	0	0	0	0	0	06:29:16	2	0	3	0	0	0	0	0	0	5	06:29:57	1	0	3	1	0	0	0	0	0	8	06:30:14	0
4	06:32:39	0	0	0	0	0	0	0	0	0	0	06:32:41	2	0	0	0	0	0	0	0	0	2	06:32:47	4	0	3	0	0	0	0	0	0	7	06:33:05	0
5	06:34:02	0	0	0	0	0	0	0	0	0	0	06:34:04	2	0	0	0	0	0	0	0	0	2	06:34:13	4	0	2	0	0	0	0	0	0	6	06:34:31	0
6	06:35:51	0	0	0	0	0	0	0	0	0	0	06:35:53	1	0	1	0	0	0	0	0	0	2	06:36:03	3	0	2	1	0	0	0	0	0	7	06:36:17	0
7	06:42:15	0	0	0	0	0	0	0	0	0	0	06:42:17	1	0	1	0	0	0	0	0	0	2	06:42:23	3	0	3	0	0	0	0	0	0	6	06:42:37	0
8	06:45:14	0	0	0	0	0	0	0	0	0	0	06:45:16	1	0	1	0	0	0	0	0	0	2	06:45:21	3	0	3	0	0	0	0	0	0	6	06:45:34	3
9	06:47:03	0	0	0	0	0	0	0	0	0	0	06:47:05	2	0	0	0	0	0	0	0	0	2	06:47:10	3	0	2	0	0	0	0	0	0	10	06:48:03	0
10	06:58:14	0	0	0	0	0	0	0	0	0	0	06:58:16	3	0	3	0	0	0	0	0	0	6	06:58:37	5	0	1	0	0	0	0	0	0	6	06:58:53	1

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:20	08:02:22	08:03:21	08:03:24	08:03:56	00:00:59	00:01:34	103	412
	2	08:05:35	08:05:37	08:06:37	08:06:40	08:07:12	00:01:00	00:01:35		
	3	08:08:50	08:08:52	08:09:51	08:09:54	08:10:26	00:00:59	00:01:34		
	4	08:11:58	08:12:00	08:13:03	08:13:06	08:13:38	00:01:03	00:01:38		
	5	08:13:38	08:13:40	08:14:38	08:14:41	08:15:13	00:00:58	00:01:33		
08:15 - 08:30	6	08:15:13	08:15:15	08:16:14	08:16:17	08:16:49	00:00:59	00:01:34	104	416
	7	08:18:25	08:18:27	08:19:23	08:19:26	08:19:58	00:00:56	00:01:31		
	8	08:21:37	08:21:39	08:22:34	08:22:37	08:23:09	00:00:55	00:01:30		
	9	08:24:47	08:24:49	08:25:49	08:25:52	08:26:24	00:01:00	00:01:35		
	10	08:27:59	08:28:01	08:28:59	08:29:02	08:29:34	00:00:58	00:01:33		
08:30 - 08:45	11	08:31:14	08:31:16	08:32:16	08:32:19	08:32:51	00:01:00	00:01:35	88	352
	12	08:34:29	08:34:31	08:35:30	08:35:33	08:36:05	00:00:59	00:01:34		
	13	08:37:40	08:37:42	08:38:41	08:38:44	08:39:16	00:00:59	00:01:34		
	14	08:40:52	08:40:54	08:41:51	08:41:54	08:42:26	00:00:57	00:01:32		
	15	08:43:58	08:44:00	08:45:03	08:45:06	08:45:38	00:01:03	00:01:38		
08:45 - 09:00	16	08:47:15	08:47:17	08:48:17	08:48:20	08:48:52	00:01:00	00:01:35	80	320
	17	08:50:28	08:50:30	08:51:29	08:51:32	08:52:04	00:00:59	00:01:34		
	18	08:53:36	08:53:38	08:54:41	08:54:44	08:55:16	00:01:03	00:01:38		
	19	08:56:49	08:56:51	08:57:53	08:57:56	08:58:28	00:01:02	00:01:37		
	20	08:58:28	08:58:30	08:59:29	08:59:32	09:00:04	00:00:59	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:11	17:00:13	17:01:11	17:01:14	17:01:47	00:00:58	00:01:34	102	408
	2	17:03:22	17:03:24	17:04:22	17:04:25	17:04:58	00:00:58	00:01:34		
	3	17:06:33	17:06:35	17:07:37	17:07:40	17:08:13	00:01:02	00:01:38		
	4	17:09:47	17:09:49	17:10:51	17:10:54	17:11:25	00:01:02	00:01:36		
	5	17:13:03	17:13:05	17:14:04	17:14:07	17:14:39	00:00:59	00:01:34		
17:15 - 17:30	6	17:16:15	17:16:17	17:17:15	17:17:18	17:17:50	00:00:58	00:01:33	103	412
	7	17:19:26	17:19:28	17:20:27	17:20:30	17:21:02	00:00:59	00:01:34		
	8	17:22:37	17:22:39	17:23:38	17:23:41	17:24:13	00:00:59	00:01:34		
	9	17:25:49	17:25:51	17:26:50	17:26:53	17:27:25	00:00:59	00:01:34		
	10	17:29:21	17:29:23	17:30:38	17:30:41	17:31:13	00:01:15	00:01:50		
17:30 - 17:45	11	17:31:13	17:31:15	17:32:30	17:32:33	17:33:05	00:01:15	00:01:50	128	512
	12	17:33:05	17:33:07	17:34:22	17:34:25	17:34:57	00:01:15	00:01:50		
	13	17:36:49	17:36:51	17:38:06	17:38:09	17:38:40	00:01:15	00:01:49		
	14	17:40:33	17:40:35	17:41:49	17:41:52	17:42:25	00:01:14	00:01:50		
	15	17:44:16	17:44:18	17:45:33	17:45:36	17:46:08	00:01:15	00:01:50		
17:45 - 18:00	16	17:46:08	17:46:10	17:47:26	17:47:29	17:48:01	00:01:16	00:01:51	127	508
	17	17:49:51	17:49:53	17:51:13	17:51:16	17:51:49	00:01:20	00:01:56		
	18	17:53:40	17:53:42	17:54:57	17:55:00	17:55:32	00:01:15	00:01:50		
	19	17:57:25	17:57:27	17:58:41	17:58:44	17:59:16	00:01:14	00:01:49		
	20	17:59:16	17:59:18	18:00:33	18:00:36	18:01:09	00:01:15	00:01:51		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
11	00:00:24	1650	
9	00:00:23	1471	
8	00:00:17	1588	
7	00:00:18	1400	
6	00:00:18	1200	
7	00:00:14	1671	
6	00:00:14	1543	
6	00:00:13	1662	
10	00:00:53	645	Average
5	00:00:16	1350	1418

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	103	412	00:01:35	00:01:00	1418	46.06%	
08:15 - 08:30	104	416	00:01:33	00:00:58	1418	47.16%	
08:30 - 08:45	88	352	00:01:35	00:01:00	1418	39.40%	Average
08:45 - 09:00	80	320	00:01:36	00:01:01	1418	35.82%	42.05%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	102	408	00:01:35	00:01:00	1418	45.80%	
17:15 - 17:30	103	412	00:01:37	00:01:02	1418	45.45%	
17:30 - 17:45	128	512	00:01:50	00:01:15	1418	53.00%	Average
17:45 - 18:00	127	508	00:01:51	00:01:16	1418	52.51%	49.19%

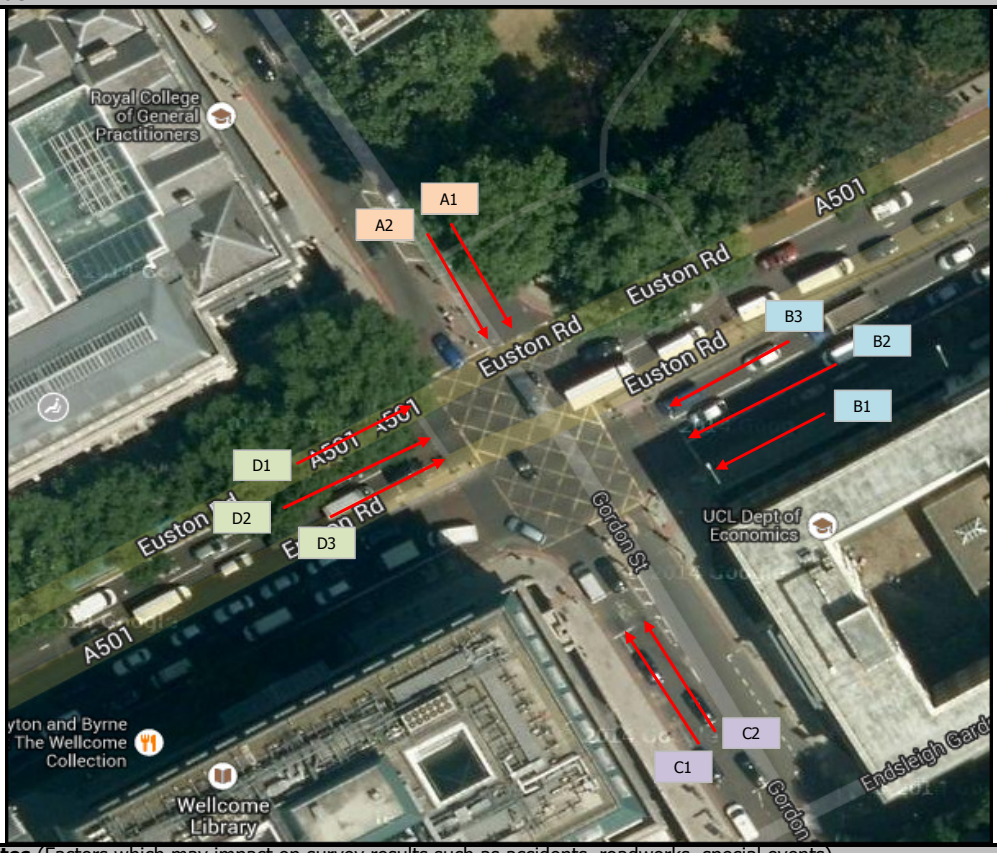
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:37	0	0	0	0	0	1	0	0	0	2	06:06:40	0	0	0	0	0	0	0	0	0	06:07:12	00:01:27
0	1	0	0	0	0	0	0	1	06:24:04	1	0	0	0	0	0	0	0	0	1	06:24:07	0	0	0	0	0	0	0	0	0	06:24:39	00:01:47
0	0	0	0	0	0	0	0	0	06:30:28	0	0	0	0	0	0	0	0	0	0	06:30:31	0	0	0	0	0	0	0	0	0	06:31:03	00:01:47
0	0	0	0	0	0	0	0	0	06:33:40	0	0	0	0	0	0	0	0	0	0	06:33:43	0	0	0	0	0	0	0	0	0	06:34:02	00:01:21
0	0	0	0	0	0	0	0	0	06:35:16	0	0	0	0	0	0	0	0	0	0	06:35:19	0	0	0	0	0	0	0	0	0	06:35:51	00:01:47
0	0	0	0	0	0	0	0	0	06:36:52	0	0	0	0	0	0	0	0	0	0	06:36:55	0	0	0	0	0	0	0	0	0	06:37:14	00:01:21
0	0	0	0	0	0	0	0	0	06:43:16	0	0	0	0	0	0	0	0	0	0	06:43:19	0	0	0	0	0	0	0	0	0	06:43:51	00:01:34
0	0	1	0	0	0	1	0	5	06:46:28	0	0	0	0	0	0	0	0	0	0	06:46:31	0	0	0	0	0	0	0	0	0	06:47:03	00:01:47
0	0	0	0	0	0	0	0	0	06:48:04	0	0	0	0	0	0	0	0	0	0	06:48:07	0	0	0	0	0	0	0	0	0	06:48:39	00:01:34
0	1	1	0	0	0	0	0	4	06:59:15	0	0	0	0	0	0	0	0	0	0	06:59:18	0	0	0	0	0	0	0	0	0	06:59:50	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 26
Date of Survey: 12.06.2014
Junction Name: Euston Road / Melton Street / Gordon Street
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.526331	-0.133644	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Saturation flow results for Lanes D2 and D3 are lowered slightly due to exit queuing in some cycles.

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:54	0	0	0	0	0	0	0	0	0	0	06:00:56	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:06:47	0	0	0	0	0	0	0	0	0	0	06:06:49	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:13:01	0	0	0	0	0	0	0	0	0	0	06:13:03	2	0	0	0	0	0	0	1	1	3		0	0	0	0	0	0	0	0	0	0		0
4	06:19:24	0	0	0	0	0	0	0	0	0	0	06:19:26	0	0	0	0	0	0	0	1	1	0		0	0	0	0	0	0	0	0	0	0		0
5	06:24:14	0	0	0	0	0	0	0	0	0	0	06:24:16	4	1	1	0	0	0	0	0	1	6		0	0	0	0	0	0	0	0	0	0		0
6	06:29:00	0	0	0	0	0	0	0	0	0	0	06:29:02	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:38:38	0	0	0	0	0	0	0	0	0	0	06:38:40	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:48:14	0	0	0	0	0	0	0	0	0	0	06:48:16	3	0	0	0	0	0	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:53:01	0	0	0	0	0	0	0	0	0	0	06:53:03	3	1	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:57:48	0	0	0	0	0	0	0	0	0	0	06:57:50	3	1	0	0	0	0	0	0	2	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:10	08:00:12	08:00:43	08:00:46	08:01:46	00:00:31	00:01:34	92	368
	2	08:05:02	08:05:04	08:05:35	08:05:38	08:06:40	00:00:31	00:01:36		
	3	08:08:17	08:08:19	08:08:49	08:08:52	08:09:54	00:00:30	00:01:35		
	4	08:11:30	08:11:32	08:12:01	08:12:04	08:13:08	00:00:29	00:01:36		
	5	08:14:43	08:14:45	08:15:12	08:15:15	08:16:21	00:00:27	00:01:36		
08:15 - 08:30	6	08:17:54	08:17:56	08:18:21	08:18:24	08:19:27	00:00:25	00:01:31	65	260
	7	08:21:03	08:21:05	08:21:32	08:21:35	08:22:40	00:00:27	00:01:35		
	8	08:24:17	08:24:19	08:24:47	08:24:50	08:25:57	00:00:28	00:01:38		
	9	08:27:26	08:27:28	08:27:54	08:27:57	08:29:07	00:00:26	00:01:39		
	10	08:29:07	08:29:09	08:29:32	08:29:35	08:30:49	00:00:23	00:01:40		
08:30 - 08:45	11	08:32:24	08:32:26	08:32:54	08:32:57	08:34:02	00:00:28	00:01:36	72	288
	12	08:35:35	08:35:37	08:36:03	08:36:06	08:37:06	00:00:26	00:01:29		
	13	08:38:44	08:38:46	08:39:15	08:39:18	08:40:24	00:00:29	00:01:38		
	14	08:41:53	08:41:55	08:42:21	08:42:24	08:43:32	00:00:26	00:01:37		
	15	08:43:33	08:43:35	08:44:00	08:44:03	08:45:05	00:00:25	00:01:30		
08:45 - 09:00	16	08:45:05	08:45:07	08:45:38	08:45:41	08:46:42	00:00:31	00:01:35	103	412
	17	08:48:18	08:48:20	08:48:51	08:48:54	08:49:54	00:00:31	00:01:34		
	18	08:51:30	08:51:32	08:51:59	08:52:02	08:53:09	00:00:27	00:01:37		
	19	08:54:42	08:54:44	08:55:11	08:55:14	08:56:23	00:00:27	00:01:39		
	20	08:57:59	08:58:01	08:58:28	08:58:31	08:59:29	00:00:27	00:01:28		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:08	17:01:10	17:01:43	17:01:46	17:02:44	00:00:33	00:01:34	62	248
	2	17:04:19	17:04:21	17:04:54	17:04:57	17:05:55	00:00:33	00:01:34		
	3	17:07:34	17:07:36	17:08:09	17:08:12	17:09:09	00:00:33	00:01:33		
	4	17:10:47	17:10:49	17:11:22	17:11:25	17:12:25	00:00:33	00:01:36		
	5	17:14:01	17:14:03	17:14:36	17:14:39	17:15:37	00:00:33	00:01:34		
17:15 - 17:30	6	17:15:37	17:15:39	17:16:12	17:16:15	17:17:11	00:00:33	00:01:32	50	200
	7	17:18:47	17:18:49	17:19:22	17:19:25	17:20:23	00:00:33	00:01:34		
	8	17:21:58	17:22:00	17:22:33	17:22:36	17:23:34	00:00:33	00:01:34		
	9	17:25:10	17:25:12	17:25:45	17:25:48	17:26:56	00:00:33	00:01:44		
	10	17:28:42	17:28:44	17:29:17	17:29:20	17:30:34	00:00:33	00:01:50		
17:30 - 17:45	11	17:30:34	17:30:36	17:31:09	17:31:12	17:32:26	00:00:33	00:01:50	75	300
	12	17:34:18	17:34:20	17:34:53	17:34:56	17:36:10	00:00:33	00:01:50		
	13	17:38:02	17:38:04	17:38:37	17:38:40	17:39:54	00:00:33	00:01:50		
	14	17:41:46	17:41:48	17:42:21	17:42:24	17:43:38	00:00:33	00:01:50		
	15	17:43:38	17:43:40	17:44:13	17:44:16	17:45:30	00:00:33	00:01:50		
17:45 - 18:00	16	17:45:30	17:45:32	17:46:05	17:46:08	17:47:22	00:00:33	00:01:50	55	220
	17	17:49:15	17:49:17	17:49:47	17:49:50	17:51:10	00:00:30	00:01:53		
	18	17:53:02	17:53:04	17:53:37	17:53:40	17:54:54	00:00:33	00:01:50		
	19	17:56:46	17:56:48	17:57:21	17:57:24	17:58:38	00:00:33	00:01:50		
	20	17:58:38	17:58:40	17:59:13	17:59:16	18:00:30	00:00:33	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	92	368	00:01:35	00:00:30	0	0.00%	
08:15 - 08:30	65	260	00:01:37	00:00:26	0	0.00%	
08:30 - 08:45	72	288	00:01:34	00:00:27	0	0.00%	Average
08:45 - 09:00	103	412	00:01:35	00:00:29	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	62	248	00:01:34	00:00:33	0	0.00%	
17:15 - 17:30	50	200	00:01:39	00:00:33	0	0.00%	
17:30 - 17:45	75	300	00:01:50	00:00:33	0	0.00%	Average
17:45 - 18:00	55	220	00:01:51	00:00:32	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:19	0	0	0	0	0	0	0	0	0	0	06:01:22	0	0	0	0	0	0	0	0	0	0	06:02:24	00:01:28
0	0	0	0	0	0	0	0	0	06:07:16	0	0	0	0	0	0	0	0	0	0	06:07:19	0	0	0	0	0	0	0	0	0	0	06:08:19	00:01:30
0	0	0	0	0	0	0	0	0	06:13:25	0	0	0	0	0	0	0	0	0	0	06:13:28	0	0	0	0	0	0	0	0	0	0	06:14:38	00:01:35
0	0	0	0	0	0	0	0	0	06:19:51	0	0	0	0	0	0	0	0	0	0	06:19:54	0	0	0	0	0	0	0	0	0	0	06:21:05	00:01:35
0	0	0	0	0	0	0	0	0	06:24:39	0	0	0	0	0	0	0	0	0	0	06:24:42	0	0	0	0	0	0	0	0	0	0	06:25:50	00:01:34
0	0	0	0	0	0	0	0	0	06:29:28	0	0	0	0	0	0	0	0	0	0	06:29:31	0	0	0	0	0	0	0	0	0	0	06:30:38	00:01:36
0	0	0	0	0	0	0	0	0	06:35:06	0	0	0	0	0	0	0	0	0	0	06:35:09	0	0	0	0	0	0	0	0	0	0	06:40:15	00:01:35
0	0	0	0	0	0	0	0	0	06:48:39	0	0	0	0	0	0	0	0	0	0	06:48:42	0	0	0	0	0	0	0	0	0	0	06:49:50	00:01:34
0	0	0	0	0	0	0	0	0	06:53:26	0	0	0	0	0	0	0	0	0	0	06:53:29	0	0	0	0	0	0	0	0	0	0	06:54:37	00:01:34
0	0	0	0	0	0	0	0	0	06:58:13	0	0	0	0	0	0	0	0	0	0	06:58:16	0	0	0	0	0	0	0	0	0	0	06:59:25	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:54	0	0	0	0	0	0	0	0	0	0	06:00:56	1	0	0	1	0	0	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:06:47	0	0	0	0	0	0	0	0	0	0	06:06:49	1	0	0	1	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
3	06:13:01	0	0	0	0	0	0	0	0	0	0	06:13:03	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:19:24	0	0	0	0	0	0	0	0	0	0	06:19:26	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:24:14	0	0	0	0	0	0	0	0	0	0	06:24:16	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:29:00	0	0	0	0	0	0	0	0	0	0	06:29:02	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:38:38	0	0	0	0	0	0	0	0	0	0	06:38:40	3	1	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
8	06:48:14	0	0	0	0	0	0	0	0	0	0	06:48:16	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:53:01	0	0	0	0	0	0	0	0	0	0	06:53:03	2	0	0	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
10	06:57:48	0	0	0	0	0	0	0	0	0	0	06:57:50	2	2	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1 08:00:10	08:00:12	08:00:43	08:00:46	08:01:46	00:00:31	00:01:34		
	2 08:05:02	08:05:04	08:05:35	08:05:38	08:06:40	00:00:31	00:01:38		
08:00 - 08:15	3 08:08:17	08:08:19	08:08:49	08:08:52	08:09:54	00:00:30	00:01:35	60	240
	4 08:11:30	08:11:32	08:12:01	08:12:04	08:13:08	00:00:29	00:01:36		
	5 08:14:43	08:14:45	08:15:12	08:15:15	08:16:21	00:00:27	00:01:36		
	6 08:17:54	08:17:56	08:18:21	08:18:24	08:19:27	00:00:25	00:01:31		
	7 08:21:03	08:21:05	08:21:32	08:21:35	08:22:40	00:00:27	00:01:35		
08:15 - 08:30	8 08:24:17	08:24:19	08:24:47	08:24:50	08:25:57	00:00:28	00:01:38	51	204
	9 08:27:26	08:27:28	08:27:54	08:27:57	08:29:07	00:00:26	00:01:39		
	10 08:30:07	08:29:09	08:29:32	08:29:35	08:30:40	00:00:23	00:01:40		
	11 08:32:24	08:32:26	08:32:54	08:32:57	08:34:02	00:00:28	00:01:36		
	12 08:35:35	08:35:37	08:36:03	08:36:06	08:37:06	00:00:26	00:01:29		
08:30 - 08:45	13 08:38:44	08:38:46	08:39:15	08:39:18	08:40:24	00:00:29	00:01:38	62	248
	14 08:41:53	08:41:55	08:42:21	08:42:24	08:43:32	00:00:26	00:01:37		
	15 08:43:33	08:43:35	08:44:00	08:44:03	08:45:05	00:00:25	00:01:30		
	16 08:45:05	08:45:07	08:45:38	08:45:41	08:46:42	00:00:31	00:01:35		
	17 08:48:18	08:48:20	08:48:51	08:48:54	08:49:54	00:00:31	00:01:34		
08:45 - 09:00	18 08:51:30	08:51:32	08:51:59	08:52:02	08:53:09	00:00:27	00:01:37	60	240
	19 08:54:42	08:54:44	08:55:11	08:55:14	08:56:23	00:00:27	00:01:39		
	20 08:57:59	08:58:01	08:58:28	08:58:31	08:59:29	00:00:27	00:01:28		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1 17:01:08	17:01:10	17:01:43	17:01:46	17:02:44	00:00:33	00:01:34		
	2 17:04:19	17:04:21	17:04:54	17:04:57	17:05:55	00:00:33	00:01:34		
17:00 - 17:15	3 17:07:34	17:07:36	17:08:09	17:08:12	17:09:09	00:00:33	00:01:33	60	240
	4 17:10:47	17:10:49	17:11:22	17:11:25	17:12:25	00:00:33	00:01:36		
	5 17:14:01	17:14:03	17:14:36	17:14:39	17:15:37	00:00:33	00:01:34		
	6 17:15:37	17:15:39	17:16:12	17:16:15	17:17:11	00:00:33	00:01:32		
	7 17:18:47	17:18:49	17:19:22	17:19:25	17:20:23	00:00:33	00:01:34		
17:15 - 17:30	8 17:21:58	17:22:00	17:22:33	17:22:36	17:23:34	00:00:33	00:01:34	50	200
	9 17:25:10	17:25:12	17:25:45	17:25:48	17:26:56	00:00:33	00:01:44		
	10 17:28:42	17:28:44	17:29:17	17:29:20	17:30:34	00:00:33	00:01:50		
	11 17:30:34	17:30:36	17:31:09	17:31:12	17:32:26	00:00:33	00:01:50		
	12 17:34:18	17:34:20	17:34:53	17:34:56	17:36:10	00:00:33	00:01:50		
17:30 - 17:45	13 17:38:02	17:38:04	17:38:37	17:38:40	17:39:54	00:00:33	00:01:50	59	236
	14 17:41:46	17:41:48	17:42:21	17:42:24	17:43:38	00:00:33	00:01:50		
	15 17:43:38	17:43:40	17:44:13	17:44:16	17:45:30	00:00:33	00:01:50		
	16 17:45:30	17:45:32	17:46:05	17:46:08	17:47:22	00:00:33	00:01:50		
	17 17:49:15	17:49:17	17:49:47	17:49:50	17:51:10	00:00:30	00:01:53		
17:45 - 18:00	18 17:53:02	17:53:04	17:53:37	17:53:40	17:54:54	00:00:33	00:01:50	53	212
	19 17:56:46	17:56:48	17:57:21	17:57:24	17:58:38	00:00:33	00:01:50		
	20 17:58:38	17:58:40	17:59:13	17:59:16	18:00:30	00:00:33	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	60	240	00:01:35	00:00:30	0	0.00%	
08:15 - 08:30	51	204	00:01:37	00:00:25	0	0.00%	
08:30 - 08:45	62	248	00:01:34	00:00:27	0	0.00%	Average
08:45 - 09:00	60	240	00:01:35	00:00:29	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	60	240	00:01:34	00:00:33	0	0.00%	
17:15 - 17:30	50	200	00:01:39	00:00:33	0	0.00%	
17:30 - 17:45	59	236	00:01:50	00:00:33	0	0.00%	Average
17:45 - 18:00	53	212	00:01:51	00:00:32	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:19	0	0	0	0	0	0	0	0	0	0	06:01:22	0	0	0	0	0	0	0	0	0	0	06:02:24	00:01:28
0	0	0	0	0	0	0	0	0	06:07:16	0	0	0	0	0	0	0	0	0	0	06:07:19	0	0	0	0	0	0	0	0	0	0	06:08:19	00:01:30
0	0	0	0	0	0	0	0	0	06:13:25	0	0	0	0	0	0	0	0	0	0	06:13:28	0	0	0	0	0	0	0	0	0	0	06:14:38	00:01:35
0	0	0	0	0	0	0	0	0	06:18:51	0	0	0	0	0	0	0	0	0	0	06:19:54	0	0	0	0	0	0	0	0	0	0	06:21:01	00:01:35
0	0	0	0	0	0	0	0	0	06:24:39	0	0	0	0	0	0	0	0	0	0	06:24:42	0	0	0	0	0	0	0	0	0	0	06:25:50	00:01:34
0	0	0	0	0	0	0	0	0	06:29:28	0	0	0	0	0	0	0	0	0	0	06:29:31	0	0	0	0	0	0	0	0	0	0	06:30:38	00:01:36
0	0	0	0	0	0	0	0	0	06:39:06	0	0	0	0	0	0	0	0	0	0	06:39:09	0	0	0	0	0	0	0	0	0	0	06:40:15	00:01:35
0	0	0	0	0	0	0	0	0	06:48:39	0	0	0	0	0	0	0	0	0	0	06:48:42	0	0	0	0	0	0	0	0	0	0	06:49:50	00:01:34
0	0	0	0	0	0	0	0	0	06:53:26	0	0	0	0	0	0	0	0	0	0	06:53:29	0	0	0	0	0	0	0	0	0	0	06:54:37	00:01:34
0	0	0	0	0	0	0	0	0	06:58:13	0	0	0	0	0	0	0	0	0	0	06:58:16	0	0	0	0	0	0	0	0	0	0	06:59:25	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:26	0	0	0	0	0	0	0	0	0	0	06:01:28	0	1	0	0	0	2	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
2	06:04:22	0	0	0	0	0	0	0	0	0	0	06:04:24	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:11:56	0	0	0	0	0	0	0	0	0	0	06:11:58	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
4	06:15:10	0	0	0	0	0	0	0	0	0	0	06:15:12	0	1	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:21:34	0	0	0	0	0	0	0	0	0	0	06:21:36	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
6	06:27:58	0	0	0	0	0	0	0	0	0	0	06:28:00	1	1	0	0	0	1	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0
7	06:34:21	0	0	0	0	0	0	0	0	0	0	06:34:23	0	0	0	0	0	2	0	0	2	4		0	0	0	0	0	0	0	0	0	0		0
8	06:43:59	0	0	0	0	0	0	0	0	0	0	06:44:01	0	1	0	0	0	1	0	0	6	4		0	0	0	0	0	0	0	0	0	0		0
9	06:47:10	0	0	0	0	0	0	0	0	0	0	06:47:12	1	0	0	0	0	0	0	1	2	4		0	0	0	0	0	0	0	0	0	0		0
10	06:53:33	0	0	0	0	0	0	0	0	0	0	06:53:35	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:50	08:00:52	08:01:41	08:01:44	08:02:26	00:00:49	00:01:34	99	396
	2	08:04:06	08:04:08	08:04:57	08:05:00	08:05:42	00:00:49	00:01:34		
	3	08:07:20	08:07:22	08:08:12	08:08:15	08:08:56	00:00:50	00:01:34		
	4	08:10:28	08:10:30	08:11:25	08:11:28	08:12:08	00:00:55	00:01:38		
	5	08:13:43	08:13:45	08:14:38	08:14:41	08:15:19	00:00:53	00:01:34		
08:15 - 08:30	6	08:15:19	08:15:21	08:16:16	08:16:19	08:16:54	00:00:55	00:01:33	112	448
	7	08:18:28	08:18:30	08:19:22	08:19:25	08:20:04	00:00:52	00:01:34		
	8	08:21:39	08:21:41	08:22:35	08:22:38	08:23:17	00:00:54	00:01:36		
	9	08:24:54	08:24:56	08:25:50	08:25:55	08:26:29	00:00:56	00:01:33		
	10	08:28:01	08:28:03	08:29:02	08:29:05	08:29:39	00:00:59	00:01:36		
08:30 - 08:45	11	08:31:21	08:31:23	08:32:19	08:32:22	08:33:01	00:00:56	00:01:38	103	412
	12	08:34:39	08:34:41	08:35:30	08:35:33	08:36:10	00:00:49	00:01:29		
	13	08:37:46	08:37:48	08:38:39	08:38:42	08:39:22	00:00:51	00:01:34		
	14	08:40:56	08:40:58	08:41:48	08:41:51	08:42:28	00:00:50	00:01:30		
	15	08:44:08	08:44:10	08:45:00	08:45:03	08:45:45	00:00:50	00:01:35		
08:45 - 09:00	16	08:45:45	08:45:47	08:46:37	08:46:40	08:47:22	00:00:50	00:01:35	109	436
	17	08:48:58	08:49:00	08:49:49	08:49:52	08:50:34	00:00:49	00:01:34		
	18	08:52:06	08:52:08	08:53:05	08:53:08	08:53:46	00:00:57	00:01:38		
	19	08:56:59	08:57:01	08:57:55	08:57:58	08:58:35	00:00:54	00:01:34		
	20	08:58:35	08:58:37	08:59:25	08:59:28	09:00:10	00:00:48	00:01:33		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:16	17:00:18	17:01:05	17:01:08	17:01:52	00:00:47	00:01:34	109	436
	2	17:03:28	17:03:30	17:04:16	17:04:19	17:05:03	00:00:46	00:01:33		
	3	17:06:39	17:06:41	17:07:31	17:07:34	17:08:18	00:00:50	00:01:37		
	4	17:09:53	17:09:55	17:10:44	17:10:47	17:11:31	00:00:49	00:01:36		
	5	17:13:09	17:13:11	17:13:58	17:14:01	17:14:45	00:00:47	00:01:34		
17:15 - 17:30	6	17:16:21	17:16:23	17:17:08	17:17:11	17:17:55	00:00:45	00:01:32	103	412
	7	17:19:31	17:19:33	17:20:20	17:20:23	17:21:07	00:00:47	00:01:34		
	8	17:22:42	17:22:44	17:23:30	17:23:33	17:24:18	00:00:46	00:01:34		
	9	17:25:54	17:25:56	17:26:53	17:26:56	17:27:36	00:00:57	00:01:40		
	10	17:29:26	17:29:28	17:30:31	17:30:34	17:31:18	00:01:03	00:01:50		
17:30 - 17:45	11	17:31:18	17:31:20	17:32:20	17:32:26	17:33:10	00:01:03	00:01:50	88	352
	12	17:35:02	17:35:04	17:36:07	17:36:10	17:36:54	00:01:03	00:01:50		
	13	17:38:46	17:38:48	17:39:51	17:39:54	17:40:38	00:01:03	00:01:50		
	14	17:42:30	17:42:32	17:43:35	17:43:38	17:44:22	00:01:03	00:01:50		
	15	17:44:22	17:44:24	17:45:27	17:45:30	17:46:14	00:01:03	00:01:50		
17:45 - 18:00	16	17:46:14	17:46:16	17:47:19	17:47:22	17:48:04	00:01:03	00:01:48	107	428
	17	17:49:56	17:49:58	17:51:07	17:51:10	17:51:54	00:01:09	00:01:56		
	18	17:53:46	17:53:48	17:54:51	17:54:54	17:55:38	00:01:03	00:01:50		
	19	17:57:30	17:57:32	17:58:35	17:58:38	17:59:22	00:01:03	00:01:50		
	20	17:59:22	17:59:24	18:00:27	18:00:30	18:01:14	00:01:03	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	99	396	00:01:35	00:00:51	0	0.00%	
08:15 - 08:30	112	448	00:01:34	00:00:55	0	0.00%	
08:30 - 08:45	103	412	00:01:33	00:00:51	0	0.00%	Average
08:45 - 09:00	109	436	00:01:35	00:00:52	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	109	436	00:01:35	00:00:48	0	0.00%	
17:15 - 17:30	103	412	00:01:38	00:00:52	0	0.00%	
17:30 - 17:45	88	352	00:01:50	00:01:03	0	0.00%	Average
17:45 - 18:00	107	428	00:01:51	00:01:04	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:18	0	0	0	0	0	0	0	0	0	0	06:02:21	0	0	0	0	0	0	0	0	0	0	06:02:54	00:01:26
0	0	0	0	0	0	0	0	0	06:05:13	0	0	0	0	0	0	0	0	0	0	06:05:16	0	0	0	0	0	0	0	0	0	0	06:05:50	00:01:26
0	0	0	0	0	0	0	0	0	06:12:55	0	0	0	0	0	0	0	1	0	0	06:12:58	0	0	0	0	0	0	0	0	0	0	06:13:34	00:01:36
0	0	0	0	0	0	0	0	0	06:16:09	0	0	0	0	0	0	0	0	0	0	06:16:12	0	0	0	0	0	0	0	0	0	0	06:16:46	00:01:34
0	0	0	0	0	0	0	0	0	06:22:30	0	0	0	0	0	0	0	0	0	0	06:22:33	0	0	0	0	0	0	0	0	0	0	06:23:12	00:01:36
0	0	0	0	0	0	0	0	0	06:28:54	0	0	0	0	0	0	0	0	0	0	06:28:57	0	0	0	0	0	0	0	0	0	0	06:29:35	00:01:35
0	0	0	0	0	0	0	0	0	06:35:20	0	0	0	0	0	0	0	0	0	0	06:35:23	0	0	0	0	0	0	0	0	0	0	06:35:58	00:01:35
0	0	0	0	0	0	0	0	0	06:44:56	0	0	0	0	0	0	0	0	0	0	06:44:59	0	0	0	0	0	0	0	0	0	0	06:45:34	00:01:33
0	0	0	0	0	0	0	0	0	06:48:09	0	0	0	0	0	0	0	0	0	0	06:48:12	0	0	0	0	0	0	0	0	0	0	06:48:46	00:01:34
0	0	0	0	0	0	0	0	0	06:54:31	0	0	0	0	0	0	0	0	0	0	06:54:34	0	0	0	0	0	0	0	0	0	0	06:55:09	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:26	0	0	0	0	0	0	0	0	0	0	06:01:28	1	0	1	0	0	0	0	0	0	2	06:01:48	5	0	3	0	0	0	0	0	0	8	06:02:01	2
2	06:04:22	0	0	0	0	0	0	0	0	0	0	06:04:24	1	0	1	0	0	0	0	0	0	2	06:04:48	7	0	3	0	0	0	0	0	0	10	06:05:04	1
3	06:11:56	0	0	0	0	0	0	0	0	0	0	06:11:58	0	1	0	1	0	0	0	1	0	4	06:12:20	4	1	0	0	0	0	1	0	0	7	06:12:29	1
4	06:15:10	0	0	0	0	0	0	0	0	0	0	06:15:12	1	0	1	0	0	0	0	0	0	2	06:15:30	9	1	0	0	0	0	0	0	0	10	06:15:46	1
5	06:21:34	0	0	0	0	0	0	0	0	0	0	06:21:36	2	0	0	0	0	0	0	1	0	2	06:21:53	5	2	3	0	0	0	0	0	0	10	06:22:09	2
6	06:27:58	0	0	0	0	0	0	0	0	0	0	06:28:00	1	0	1	0	0	0	0	0	0	2	06:28:20	7	0	2	1	0	0	0	0	0	11	06:28:40	2
7	06:34:21	1	0	0	0	0	0	0	0	1	0	06:34:23	2	0	0	0	0	0	0	0	0	2	06:34:40	8	2	5	0	0	0	0	0	0	15	06:35:10	0
8	06:43:59	0	0	0	0	0	0	0	0	0	0	06:44:01	1	1	0	0	0	0	0	0	0	2	06:44:13	6	1	6	1	0	0	0	0	0	15	06:44:41	2
9	06:47:10	0	0	0	0	0	0	0	0	0	0	06:47:12	1	0	1	0	0	0	0	1	0	2	06:47:30	11	0	2	0	0	0	0	0	0	13	06:47:51	4
10	06:53:33	0	0	0	0	0	0	0	0	0	0	06:53:35	1	0	1	0	0	0	0	0	0	2	06:53:50	11	1	6	1	0	1	0	0	0	22	06:54:31	0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:50	08:00:52	08:01:41	08:01:44	08:02:26	00:00:49	00:01:34	131	524
	2	08:04:06	08:04:08	08:04:57	08:05:00	08:05:42	00:00:49	00:01:34		
	3	08:07:20	08:07:22	08:08:12	08:08:15	08:08:56	00:00:50	00:01:34		
	4	08:10:28	08:10:30	08:11:25	08:11:28	08:12:08	00:00:55	00:01:38		
	5	08:13:43	08:13:45	08:14:38	08:14:41	08:15:19	00:00:53	00:01:34		
08:15 - 08:30	6	08:15:19	08:15:21	08:16:16	08:16:19	08:16:54	00:00:55	00:01:33	149	596
	7	08:18:28	08:18:30	08:19:22	08:19:25	08:20:04	00:00:52	00:01:34		
	8	08:21:39	08:21:41	08:22:35	08:22:38	08:23:17	00:00:54	00:01:36		
	9	08:24:54	08:24:56	08:25:50	08:25:55	08:26:29	00:00:56	00:01:33		
	10	08:28:01	08:28:03	08:29:02	08:29:05	08:29:39	00:00:59	00:01:36		
08:30 - 08:45	11	08:31:21	08:31:23	08:32:19	08:32:22	08:33:01	00:00:56	00:01:38	143	572
	12	08:34:39	08:34:41	08:35:30	08:35:33	08:36:10	00:00:49	00:01:29		
	13	08:37:46	08:37:48	08:38:39	08:38:42	08:39:22	00:00:51	00:01:34		
	14	08:40:56	08:40:58	08:41:48	08:41:51	08:42:28	00:00:50	00:01:30		
	15	08:44:08	08:44:10	08:45:00	08:45:03	08:45:45	00:00:50	00:01:35		
08:45 - 09:00	16	08:45:45	08:45:47	08:46:37	08:46:40	08:47:22	00:00:50	00:01:35	130	520
	17	08:48:58	08:49:00	08:49:49	08:49:52	08:50:34	00:00:49	00:01:34		
	18	08:52:06	08:52:08	08:53:05	08:53:08	08:53:46	00:00:57	00:01:38		
	19	08:56:59	08:57:01	08:57:55	08:57:58	08:58:35	00:00:54	00:01:34		
	20	08:58:35	08:58:37	08:59:25	08:59:28	09:00:10	00:00:48	00:01:33		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:16	17:00:18	17:01:05	17:01:08	17:01:52	00:00:47	00:01:34	84	336
	2	17:03:28	17:03:30	17:04:16	17:04:19	17:05:03	00:00:46	00:01:33		
	3	17:06:39	17:06:41	17:07:31	17:07:34	17:08:18	00:00:50	00:01:37		
	4	17:09:53	17:09:55	17:10:44	17:10:47	17:11:31	00:00:49	00:01:36		
	5	17:13:09	17:13:11	17:13:58	17:14:01	17:14:45	00:00:47	00:01:34		
17:15 - 17:30	6	17:16:21	17:16:23	17:17:08	17:17:11	17:17:55	00:00:45	00:01:32	69	276
	7	17:19:31	17:19:33	17:20:20	17:20:23	17:21:07	00:00:47	00:01:34		
	8	17:22:42	17:22:44	17:23:30	17:23:33	17:24:18	00:00:46	00:01:34		
	9	17:25:54	17:25:56	17:26:53	17:26:56	17:27:36	00:00:57	00:01:40		
	10	17:29:26	17:29:28	17:30:31	17:30:34	17:31:18	00:01:03	00:01:50		
17:30 - 17:45	11	17:31:18	17:31:20	17:32:23	17:32:26	17:33:10	00:01:03	00:01:50	92	368
	12	17:35:02	17:35:04	17:36:07	17:36:10	17:36:54	00:01:03	00:01:50		
	13	17:38:46	17:38:48	17:39:51	17:39:54	17:40:38	00:01:03	00:01:50		
	14	17:42:30	17:42:32	17:43:35	17:43:38	17:44:22	00:01:03	00:01:50		
	15	17:44:22	17:44:24	17:45:27	17:45:30	17:46:14	00:01:03	00:01:50		
17:45 - 18:00	16	17:46:14	17:46:16	17:47:19	17:47:22	17:48:04	00:01:03	00:01:48	71	284
	17	17:49:56	17:49:58	17:51:07	17:51:10	17:51:54	00:01:09	00:01:56		
	18	17:53:46	17:53:48	17:54:51	17:54:54	17:55:38	00:01:03	00:01:50		
	19	17:57:35	17:57:37	17:58:35	17:58:38	17:59:22	00:01:03	00:01:50		
	20	17:59:22	17:59:24	18:00:27	18:00:30	18:01:14	00:01:03	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
8	00:00:13	2215	
10	00:00:16	2250	
7	00:00:09	2800	
10	00:00:16	2250	
10	00:00:16	2250	
11	00:00:20	1800	
15	00:00:30	1800	
15	00:00:28	1864	
13	00:00:21	2229	Average
22	00:00:41	1888	2144

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	131	524	00:01:35	00:00:51	2144	45.26%	
08:15 - 08:30	149	596	00:01:34	00:00:55	2144	47.55%	
08:30 - 08:45	143	572	00:01:33	00:00:51	2144	48.57%	Average
08:45 - 09:00	130	520	00:01:35	00:00:52	2144	44.57%	46.49%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	84	336	00:01:35	00:00:48	2144	31.09%	
17:15 - 17:30	69	276	00:01:38	00:00:52	2144	24.45%	
17:30 - 17:45	92	368	00:01:50	00:01:03	2144	29.97%	Average
17:45 - 18:00	71	284	00:01:51	00:01:04	2144	27.87%	27.35%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
1	0	1	0	0	0	0	0	5	06:02:18	0	0	0	0	0	0	0	0	0	0	06:02:21	0	0	0	0	0	0	0	0	0	0	06:02:54	00:01:26
0	1	1	0	0	0	0	0	4	06:05:13	0	0	1	0	0	0	0	0	0	1	06:05:16	0	0	0	0	0	0	0	0	0	0	06:05:50	00:01:26
0	0	0	1	0	0	0	0	5	06:12:55	0	0	0	0	0	0	0	0	0	0	06:12:58	0	0	0	0	0	0	0	0	0	0	06:13:34	00:01:36
0	0	0	0	0	0	0	0	1	06:16:09	0	0	0	0	0	0	0	0	0	0	06:16:12	0	0	0	0	0	0	0	0	0	0	06:16:46	00:01:34
2	0	1	0	0	0	0	0	6	06:22:30	0	0	0	0	0	0	0	0	0	0	06:22:33	0	0	0	0	0	0	0	0	0	0	06:23:12	00:01:36
0	3	0	0	0	0	0	0	5	06:28:54	0	0	0	0	0	0	0	0	0	0	06:28:57	0	0	0	0	0	0	0	0	0	0	06:29:35	00:01:35
0	0	0	0	0	0	0	0	0	06:35:20	0	0	0	0	0	0	0	0	0	0	06:35:23	0	0	0	0	0	0	0	0	0	0	06:35:58	00:01:35
0	0	0	0	0	0	0	0	2	06:44:56	0	0	0	0	0	0	0	0	0	0	06:44:59	0	0	0	0	0	0	0	0	0	0	06:45:34	00:01:33
1	1	2	0	0	0	0	0	9	06:48:09	0	0	0	0	0	0	0	0	0	0	06:48:12	0	0	0	0	0	0	0	0	0	0	06:48:46	00:01:34
0	0	0	0	0	0	0	0	0	06:54:31	1	0	0	1	0	0	0	0	0	3	06:54:34	0	0	0	0	0	0	0	0	0	0	06:55:09	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:22	0	0	0	0	0	0	0	0	0	0	06:04:24	3	0	1	0	0	0	0	0	0	4	06:04:49	6	0	2	0	0	0	0	0	0	8	06:05:01	3
2	06:08:51	0	0	0	0	0	0	0	0	0	0	06:08:53	1	0	2	0	0	0	0	0	0	3	06:09:12	12	0	4	0	0	0	0	0	0	16	06:09:27	0
3	06:13:33	0	0	0	0	0	0	0	0	0	0	06:13:35	2	0	0	0	0	0	0	0	0	2	06:13:54	9	0	5	0	0	0	0	0	0	14	06:14:14	1
4	06:19:58	0	0	0	0	0	0	0	0	0	0	06:20:00	2	0	3	0	0	0	0	0	0	5	06:20:24	9	0	5	0	0	0	0	0	0	14	06:20:47	0
5	06:23:12	0	0	0	0	0	0	0	0	0	0	06:23:14	1	0	0	1	0	0	0	0	0	2	06:23:27	8	0	0	0	0	0	0	0	0	8	06:23:39	2
6	06:29:34	0	0	0	0	0	0	0	0	0	0	06:29:36	0	0	2	0	0	0	0	0	0	2	06:29:51	8	0	2	0	0	0	0	0	0	10	06:30:08	1
7	06:32:46	0	0	0	0	0	0	0	0	0	0	06:32:48	3	0	0	0	0	0	0	0	0	3	06:33:02	12	0	6	0	0	0	0	0	0	18	06:33:31	2
8	06:42:22	0	0	0	0	0	0	0	0	0	0	06:42:24	2	0	0	0	0	0	0	0	0	3	06:42:40	9	0	3	0	0	0	0	0	0	12	06:43:01	6
9	06:48:46	0	0	0	0	0	0	0	0	0	0	06:48:48	3	0	1	0	0	0	0	0	0	4	06:49:12	7	0	6	0	0	0	0	0	0	13	06:49:35	0
10	06:53:33	0	0	0	0	0	0	0	0	0	0	06:53:35	1	0	1	0	0	0	0	0	0	2	06:53:46	7	0	3	0	0	0	0	1	0	10	06:54:05	7

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:50	08:00:52	08:01:41	08:01:44	08:02:26	00:00:49	00:01:34		
2	08:04:06	08:04:08	08:04:57	08:05:00	08:05:42	00:00:49	00:01:34		
3	08:07:20	08:07:22	08:08:12	08:08:15	08:08:56	00:00:50	00:01:34		
4	08:10:28	08:10:30	08:11:25	08:11:28	08:12:08	00:00:55	00:01:38		
5	08:13:43	08:13:45	08:14:38	08:14:41	08:15:19	00:00:53	00:01:34		
6	08:15:19	08:15:21	08:16:16	08:16:19	08:16:54	00:00:55	00:01:33		
7	08:18:28	08:18:30	08:19:22	08:19:25	08:20:04	00:00:52	00:01:34		
8	08:21:39	08:21:41	08:22:35	08:22:38	08:23:17	00:00:54	00:01:36		
9	08:24:54	08:24:56	08:25:50	08:25:55	08:26:29	00:00:56	00:01:33		
10	08:28:01	08:28:03	08:29:02	08:29:05	08:29:39	00:00:59	00:01:36		
11	08:31:21	08:31:23	08:32:19	08:32:22	08:33:01	00:00:56	00:01:38		
12	08:34:39	08:34:41	08:35:30	08:35:33	08:36:10	00:00:49	00:01:29		
13	08:37:46	08:37:48	08:38:39	08:38:42	08:39:22	00:00:51	00:01:34		
14	08:40:56	08:40:58	08:41:48	08:41:51	08:42:28	00:00:50	00:01:30		
15	08:44:08	08:44:10	08:45:00	08:45:03	08:45:45	00:00:50	00:01:35		
16	08:45:45	08:45:47	08:46:37	08:46:40	08:47:22	00:00:50	00:01:35		
17	08:48:58	08:49:00	08:49:49	08:49:52	08:50:34	00:00:49	00:01:34		
18	08:52:06	08:52:08	08:53:05	08:53:08	08:53:46	00:00:57	00:01:38		
19	08:56:59	08:57:01	08:57:55	08:57:58	08:58:35	00:00:54	00:01:34		
20	08:58:35	08:58:37	08:59:25	08:59:28	09:00:10	00:00:48	00:01:33		

08:00 - 08:15	153	612		
08:15 - 08:30	146	584		
08:30 - 08:45	136	544		
08:45 - 09:00	138	552		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:00:16	17:00:18	17:01:05	17:01:08	17:01:52	00:00:47	00:01:34		
2	17:03:28	17:03:30	17:04:16	17:04:19	17:05:03	00:00:46	00:01:33		
3	17:06:39	17:06:41	17:07:31	17:07:34	17:08:18	00:00:50	00:01:37		
4	17:09:53	17:09:55	17:10:44	17:10:47	17:11:31	00:00:49	00:01:36		
5	17:13:09	17:13:11	17:13:58	17:14:01	17:14:45	00:00:47	00:01:34		
6	17:16:21	17:16:23	17:17:08	17:17:11	17:17:55	00:00:45	00:01:32		
7	17:19:31	17:19:33	17:20:20	17:20:23	17:21:07	00:00:47	00:01:34		
8	17:22:42	17:22:44	17:23:30	17:23:33	17:24:18	00:00:46	00:01:34		
9	17:25:54	17:25:56	17:26:53	17:26:56	17:27:36	00:00:57	00:01:40		
10	17:29:26	17:29:28	17:30:31	17:30:34	17:31:18	00:01:03	00:01:50		
11	17:33:18	17:33:20	17:32:20	17:32:26	17:33:10	00:01:03	00:01:50		
12	17:35:02	17:35:04	17:36:07	17:36:10	17:36:54	00:01:03	00:01:50		
13	17:38:46	17:38:48	17:39:51	17:39:54	17:40:38	00:01:03	00:01:50		
14	17:42:30	17:42:32	17:43:35	17:43:38	17:44:22	00:01:03	00:01:50		
15	17:44:22	17:44:24	17:45:27	17:45:30	17:46:14	00:01:03	00:01:50		
16	17:46:14	17:46:16	17:47:19	17:47:22	17:48:04	00:01:03	00:01:48		
17	17:49:56	17:49:58	17:51:07	17:51:10	17:51:54	00:01:09	00:01:56		
18	17:53:46	17:53:48	17:54:51	17:54:54	17:55:38	00:01:03	00:01:50		
19	17:57:30	17:57:32	17:58:35	17:58:38	17:59:22	00:01:03	00:01:50		
20	17:59:22	17:59:24	18:00:27	18:00:30	18:01:14	00:01:03	00:01:50		

17:00 - 17:15	76	304		
17:15 - 17:30	76	304		
17:30 - 17:45	91	364		
17:45 - 18:00	71	284		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
8	00:00:12	2400	
16	00:00:25	2304	
14	00:00:20	2520	
14	00:00:23	2191	
8	00:00:12	2400	
10	00:00:17	2118	
18	00:00:29	2234	
12	00:00:21	2057	
13	00:00:23	2035	Average
10	00:00:19	1971	2223

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	153	612	00:01:35	00:00:51	2223	50.97%	
08:15 - 08:30	146	584	00:01:34	00:00:51	2223	44.59%	
08:30 - 08:45	136	544	00:01:33	00:00:51	2223	44.55%	Average
08:45 - 09:00	138	552	00:01:35	00:00:52	2223	45.92%	46.52%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	76	304	00:01:35	00:00:48	2223	27.12%	
17:15 - 17:30	76	304	00:01:38	00:00:52	2223	25.97%	
17:30 - 17:45	91	364	00:01:50	00:01:03	2223	28.59%	Average
17:45 - 18:00	71	284	00:01:51	00:01:04	2223	27.05%	25.93%

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Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	0	0	4	06:05:13	2	0	0	0	0	0	0	0	0	2	06:05:16	0	0	0	0	0	0	0	0	0	06:05:50	00:01:26
0	0	0	0	0	0	0	0	0	06:09:42	0	0	0	0	0	0	0	0	0	0	06:09:45	0	0	0	0	0	0	0	0	0	06:10:20	00:01:27
0	0	0	1	0	0	0	0	3	06:14:32	0	0	0	0	0	0	0	0	0	0	06:14:35	0	0	0	0	0	0	0	0	0	06:15:10	00:01:35
0	0	0	0	0	0	1	0	0	06:20:56	0	0	0	0	0	0	0	0	0	0	06:20:59	0	0	0	0	0	0	0	0	0	06:21:34	00:01:34
0	2	1	0	0	0	1	0	6	06:24:08	0	0	0	0	0	0	0	0	0	0	06:24:11	0	0	0	0	0	0	0	0	0	06:24:46	00:01:32
0	0	0	0	0	0	0	0	1	06:30:33	0	0	0	0	0	0	0	0	0	0	06:30:36	0	0	0	0	0	0	0	0	0	06:31:10	00:01:34
0	0	0	0	0	0	0	0	2	06:33:44	0	0	0	0	0	0	0	0	0	0	06:33:47	0	0	0	0	0	0	0	0	0	06:34:22	00:01:34
0	1	0	0	0	0	0	0	7	06:43:21	0	0	0	0	0	0	0	0	0	0	06:43:24	0	0	0	0	0	0	0	0	0	06:44:00	00:01:36
0	0	0	0	0	0	0	0	0	06:49:46	0	0	0	0	0	0	0	0	0	0	06:49:48	0	0	0	0	0	0	0	0	0	06:50:24	00:01:36
0	2	0	0	0	0	0	0	9	06:54:31	1	0	0	0	0	0	0	0	0	1	06:54:34	0	0	0	0	0	0	0	0	0	06:55:09	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:22	0	0	0	0	0	0	0	0	0	0	06:02:24	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:09:47	0	0	0	0	0	0	0	0	0	0	06:09:49	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:16:13	0	0	0	0	0	0	0	0	0	0	06:16:15	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:24:13	0	0	0	0	0	0	0	0	0	0	06:24:15	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:28:59	0	0	0	0	0	0	0	0	0	0	06:29:01	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:33:49	0	0	0	0	0	0	0	0	0	0	06:33:51	3	0	0	0	0	0	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
7	06:40:14	0	0	0	0	0	0	0	0	0	0	06:40:16	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:46:37	0	0	0	0	0	0	0	0	0	0	06:46:39	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:53:00	0	0	0	0	0	0	0	0	0	0	06:53:02	3	0	0	0	0	0	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
10	06:56:12	0	0	0	0	0	0	0	0	0	0	06:56:14	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:10	08:00:12	08:00:27	08:00:30	08:01:45	00:00:15	00:01:33	43	172
	2	08:03:26	08:03:28	08:03:42	08:03:45	08:05:02	00:00:14	00:01:34		
	3	08:06:40	08:06:42	08:06:56	08:06:59	08:08:16	00:00:14	00:01:34		
	4	08:09:54	08:09:56	08:10:04	08:10:07	08:11:29	00:00:08	00:01:33		
	5	08:13:07	08:13:09	08:13:19	08:13:22	08:14:42	00:00:10	00:01:33		
08:15 - 08:30	6	08:16:20	08:16:22	08:16:31	08:16:34	08:17:53	00:00:09	00:01:31	36	144
	7	08:19:26	08:19:28	08:19:40	08:19:43	08:21:02	00:00:12	00:01:34		
	8	08:22:39	08:22:41	08:22:53	08:22:56	08:24:16	00:00:12	00:01:35		
	9	08:25:56	08:25:58	08:26:05	08:26:08	08:27:25	00:00:07	00:01:27		
	10	08:29:06	08:29:08	08:29:15	08:29:18	08:30:48	00:00:07	00:01:40		
08:30 - 08:45	11	08:30:48	08:30:50	08:30:57	08:31:00	08:32:23	00:00:07	00:01:33	29	116
	12	08:34:01	08:34:03	08:34:15	08:34:18	08:35:34	00:00:12	00:01:31		
	13	08:37:05	08:37:07	08:37:22	08:37:25	08:38:43	00:00:15	00:01:36		
	14	08:40:23	08:40:25	08:40:32	08:40:35	08:41:52	00:00:07	00:01:27		
	15	08:43:32	08:43:34	08:43:44	08:43:47	08:45:04	00:00:10	00:01:30		
08:45 - 09:00	16	08:45:04	08:45:06	08:45:21	08:45:24	08:46:41	00:00:15	00:01:35	42	168
	17	08:48:17	08:48:19	08:48:34	08:48:37	08:49:53	00:00:15	00:01:34		
	18	08:51:29	08:51:31	08:51:42	08:51:45	08:53:09	00:00:11	00:01:38		
	19	08:54:41	08:54:43	08:54:54	08:54:57	08:56:22	00:00:11	00:01:39		
	20	08:57:59	08:58:01	08:58:11	08:58:14	08:59:29	00:00:10	00:01:28		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:08	17:01:10	17:01:26	17:01:29	17:02:43	00:00:16	00:01:33	52	208
	2	17:04:18	17:04:20	17:04:37	17:04:40	17:05:55	00:00:17	00:01:35		
	3	17:07:33	17:07:35	17:07:52	17:07:55	17:09:08	00:00:17	00:01:33		
	4	17:10:46	17:10:48	17:11:05	17:11:08	17:12:25	00:00:17	00:01:37		
	5	17:14:00	17:14:02	17:14:19	17:14:22	17:15:36	00:00:17	00:01:34		
17:15 - 17:30	6	17:15:36	17:15:38	17:15:55	17:15:58	17:17:10	00:00:17	00:01:32	42	168
	7	17:18:46	17:18:48	17:19:05	17:19:08	17:20:22	00:00:17	00:01:34		
	8	17:21:57	17:21:59	17:22:16	17:22:19	17:23:33	00:00:17	00:01:34		
	9	17:25:09	17:25:11	17:25:28	17:25:31	17:26:55	00:00:17	00:01:44		
	10	17:28:41	17:28:43	17:29:00	17:29:03	17:30:33	00:00:17	00:01:50		
17:30 - 17:45	11	17:30:33	17:30:35	17:30:52	17:30:55	17:32:25	00:00:17	00:01:50	42	168
	12	17:34:17	17:34:19	17:34:36	17:34:39	17:36:09	00:00:17	00:01:50		
	13	17:38:01	17:38:03	17:38:20	17:38:23	17:39:53	00:00:17	00:01:50		
	14	17:41:45	17:41:47	17:42:05	17:42:08	17:43:37	00:00:18	00:01:50		
	15	17:43:37	17:43:39	17:43:56	17:43:59	17:45:29	00:00:17	00:01:50		
17:45 - 18:00	16	17:45:29	17:45:31	17:45:48	17:45:51	17:47:21	00:00:17	00:01:50	39	156
	17	17:49:14	17:49:16	17:49:30	17:49:33	17:51:09	00:00:14	00:01:53		
	18	17:53:01	17:53:03	17:53:20	17:53:23	17:54:53	00:00:17	00:01:50		
	19	17:56:45	17:56:47	17:57:04	17:57:07	17:58:37	00:00:17	00:01:50		
	20	17:58:37	17:58:39	17:58:56	17:58:59	18:00:29	00:00:17	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	43	172	00:01:33	00:00:12	0	0.00%	
08:15 - 08:30	36	144	00:01:33	00:00:09	0	0.00%	
08:30 - 08:45	29	116	00:01:31	00:00:10	0	0.00%	Average
08:45 - 09:00	42	168	00:01:35	00:00:12	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	52	208	00:01:34	00:00:17	0	0.00%	
17:15 - 17:30	42	168	00:01:39	00:00:17	0	0.00%	
17:30 - 17:45	42	168	00:01:50	00:00:17	0	0.00%	Average
17:45 - 18:00	39	156	00:01:51	00:00:16	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:32	0	0	0	1	0	0	0	0	0	2	06:02:35	0	0	0	0	0	0	0	0	0	06:03:50	00:01:26
0	0	0	0	0	0	0	0	0	06:09:56	0	0	0	0	0	0	0	0	0	0	06:09:59	0	0	0	0	0	0	0	0	0	06:11:23	00:01:34
0	0	0	0	0	0	0	0	0	06:16:22	0	0	0	0	0	0	0	0	0	0	06:16:25	0	0	0	0	0	0	0	0	0	06:17:50	00:01:35
0	0	0	0	0	0	0	0	0	06:24:22	0	0	0	0	0	0	0	0	0	0	06:24:25	0	0	0	0	0	0	0	0	0	06:25:49	00:01:34
0	0	0	0	0	0	0	0	0	06:29:11	0	0	0	0	0	0	0	0	0	0	06:29:14	0	0	0	0	0	0	0	0	0	06:30:37	00:01:36
0	0	0	0	0	0	0	0	0	06:33:58	0	0	0	0	0	0	0	0	0	0	06:34:01	0	0	0	0	0	0	0	0	0	06:35:25	00:01:34
0	0	0	0	0	0	0	0	0	06:40:23	1	0	0	0	0	0	0	0	0	1	06:40:26	0	0	0	0	0	0	0	0	0	06:41:49	00:01:33
0	0	0	0	0	0	0	0	0	06:46:46	0	0	0	0	0	0	0	0	0	0	06:46:49	0	0	0	0	0	0	0	0	0	06:48:13	00:01:34
0	0	0	0	0	0	0	0	0	06:53:09	1	0	0	0	0	0	0	0	0	1	06:53:12	0	0	0	0	0	0	0	0	0	06:54:37	00:01:35
0	0	0	0	0	0	0	0	0	06:56:21	0	0	0	0	0	0	0	0	0	0	06:56:24	0	0	0	0	0	0	0	0	0	06:57:47	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:22	0	0	0	0	0	0	0	0	0	0	06:02:24	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:09:47	0	0	0	0	0	0	0	0	0	0	06:09:49	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:16:13	0	0	0	0	0	0	0	0	0	0	06:16:15	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:24:13	0	0	0	0	0	0	0	0	0	0	06:24:15	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:28:59	0	0	0	0	0	0	0	0	0	0	06:29:01	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:33:49	0	0	0	0	0	0	0	0	0	0	06:33:51	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:40:14	0	0	0	0	0	0	0	0	0	0	06:40:16	0	2	0	0	0	0	0	1	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:46:37	0	0	0	0	0	0	0	0	0	0	06:46:39	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:53:00	0	0	0	0	0	0	0	0	0	0	06:53:02	0	2	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:56:12	0	0	0	0	0	0	0	0	0	0	06:56:14	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:10	08:00:12	08:00:27	08:00:30	08:01:45	00:00:15	00:01:33	45	180
	2	08:03:26	08:03:28	08:03:42	08:03:45	08:05:02	00:00:14	00:01:34		
	3	08:06:40	08:06:42	08:06:56	08:06:59	08:08:16	00:00:14	00:01:34		
	4	08:09:54	08:09:56	08:10:04	08:10:07	08:11:29	00:00:08	00:01:33		
	5	08:13:07	08:13:09	08:13:19	08:13:22	08:14:42	00:00:10	00:01:33		
08:15 - 08:30	6	08:16:20	08:16:22	08:16:31	08:16:34	08:17:53	00:00:09	00:01:31	42	168
	7	08:19:26	08:19:28	08:19:40	08:19:43	08:21:02	00:00:12	00:01:34		
	8	08:22:39	08:22:41	08:22:53	08:22:56	08:24:16	00:00:12	00:01:35		
	9	08:25:56	08:25:58	08:26:05	08:26:08	08:27:25	00:00:07	00:01:27		
	10	08:29:06	08:29:08	08:29:15	08:29:18	08:30:48	00:00:07	00:01:40		
08:30 - 08:45	11	08:30:48	08:30:50	08:30:57	08:31:00	08:32:23	00:00:07	00:01:33	44	176
	12	08:34:01	08:34:03	08:34:15	08:34:18	08:35:34	00:00:12	00:01:31		
	13	08:37:05	08:37:07	08:37:22	08:37:25	08:38:43	00:00:15	00:01:36		
	14	08:40:23	08:40:25	08:40:32	08:40:35	08:41:52	00:00:07	00:01:27		
	15	08:43:32	08:43:34	08:43:44	08:43:47	08:45:04	00:00:10	00:01:30		
08:45 - 09:00	16	08:45:04	08:45:06	08:45:21	08:45:24	08:46:41	00:00:15	00:01:35	52	208
	17	08:48:17	08:48:19	08:48:34	08:48:37	08:49:53	00:00:15	00:01:34		
	18	08:51:29	08:51:31	08:51:42	08:51:45	08:53:09	00:00:11	00:01:38		
	19	08:54:41	08:54:43	08:54:54	08:54:57	08:56:22	00:00:11	00:01:39		
	20	08:57:59	08:58:01	08:58:11	08:58:14	08:59:29	00:00:10	00:01:28		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:08	17:01:10	17:01:26	17:01:29	17:02:43	00:00:16	00:01:33	62	248
	2	17:04:18	17:04:20	17:04:37	17:04:40	17:05:55	00:00:17	00:01:35		
	3	17:07:33	17:07:35	17:07:52	17:07:55	17:09:08	00:00:17	00:01:33		
	4	17:10:46	17:10:48	17:11:05	17:11:08	17:12:25	00:00:17	00:01:37		
	5	17:14:00	17:14:02	17:14:19	17:14:22	17:15:36	00:00:17	00:01:34		
17:15 - 17:30	6	17:15:36	17:15:38	17:15:55	17:15:58	17:17:10	00:00:17	00:01:32	47	188
	7	17:18:46	17:18:48	17:19:05	17:19:08	17:20:22	00:00:17	00:01:34		
	8	17:21:57	17:21:59	17:22:16	17:22:19	17:23:33	00:00:17	00:01:34		
	9	17:25:09	17:25:11	17:25:28	17:25:31	17:26:55	00:00:17	00:01:44		
	10	17:28:41	17:28:43	17:29:00	17:29:03	17:30:33	00:00:17	00:01:50		
17:30 - 17:45	11	17:30:33	17:30:35	17:30:52	17:30:55	17:32:25	00:00:17	00:01:50	56	224
	12	17:34:17	17:34:19	17:34:36	17:34:39	17:36:09	00:00:17	00:01:50		
	13	17:38:01	17:38:03	17:38:20	17:38:23	17:39:53	00:00:17	00:01:50		
	14	17:41:45	17:41:47	17:42:05	17:42:08	17:43:37	00:00:18	00:01:50		
	15	17:43:37	17:43:39	17:43:56	17:43:59	17:45:29	00:00:17	00:01:50		
17:45 - 18:00	16	17:45:29	17:45:31	17:45:48	17:45:51	17:47:21	00:00:17	00:01:50	50	200
	17	17:49:14	17:49:16	17:49:30	17:49:33	17:51:09	00:00:14	00:01:53		
	18	17:53:01	17:53:03	17:53:20	17:53:23	17:54:53	00:00:17	00:01:50		
	19	17:56:45	17:56:47	17:57:04	17:57:07	17:58:37	00:00:17	00:01:50		
	20	17:58:37	17:58:39	17:58:56	17:58:59	18:00:29	00:00:17	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	45	180	00:01:33	00:00:12	0	0.00%	
08:15 - 08:30	42	168	00:01:33	00:00:09	0	0.00%	
08:30 - 08:45	44	176	00:01:31	00:00:10	0	0.00%	Average
08:45 - 09:00	52	208	00:01:35	00:00:12	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	62	248	00:01:34	00:00:17	0	0.00%	
17:15 - 17:30	47	188	00:01:19	00:00:17	0	0.00%	
17:30 - 17:45	56	224	00:01:50	00:00:17	0	0.00%	Average
17:45 - 18:00	50	200	00:01:51	00:00:16	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:32	0	0	0	0	0	0	0	0	0	0	06:02:35	0	0	0	0	0	0	0	0	0	0	06:03:50	00:01:26
0	0	0	0	0	0	0	0	0	06:09:56	0	0	0	0	0	0	0	0	0	0	06:09:59	0	0	0	0	0	0	0	0	0	0	06:11:23	00:01:34
0	0	0	0	0	0	0	0	0	06:16:22	0	0	0	0	0	0	0	0	0	0	06:16:25	0	0	0	0	0	0	0	0	0	0	06:17:50	00:01:35
0	0	0	0	0	0	0	0	0	06:24:22	0	0	0	0	0	0	0	0	0	0	06:24:25	0	0	0	0	0	0	0	0	0	0	06:25:49	00:01:34
0	0	0	0	0	0	0	0	0	06:29:11	0	0	0	0	0	0	0	0	0	0	06:29:14	0	0	0	0	0	0	0	0	0	0	06:30:37	00:01:36
0	0	0	0	0	0	0	0	0	06:33:58	0	0	0	0	0	0	0	0	0	0	06:34:01	0	0	0	0	0	0	0	0	0	0	06:35:25	00:01:34
0	0	0	0	0	0	0	0	0	06:40:23	0	0	0	0	0	0	0	0	0	0	06:40:26	0	0	0	0	0	0	0	0	0	0	06:41:49	00:01:33
0	0	0	0	0	0	0	0	0	06:46:46	2	0	0	0	0	0	0	0	0	2	06:46:49	0	0	0	0	0	0	0	0	0	0	06:48:13	00:01:34
0	0	0	0	0	0	0	0	0	06:53:09	0	0	1	0	0	0	0	0	0	1	06:53:12	0	0	0	0	0	0	0	0	0	0	06:54:37	00:01:35
0	0	0	0	0	0	0	0	0	06:56:21	1	0	0	0	0	0	0	0	0	1	06:56:24	0	0	0	0	0	0	0	0	0	0	06:57:47	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
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Survey Date: 12.06.2014

Input by: Hannah Lacy
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06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:59	0	0	0	0	0	0	0	0	0	0	06:03:01	3	1	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:08:55	0	0	0	0	0	0	0	0	0	0	06:08:57	4	3	0	0	0	2	0	1	0	11		0	0	0	0	0	0	0	0	0	0		0
3	06:18:25	0	0	0	0	0	0	0	0	0	0	06:18:28	2	2	2	0	0	2	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
4	06:26:26	0	0	0	0	0	0	0	0	0	0	06:26:28	0	0	0	0	0	0	0	2	3	1		0	0	0	0	0	0	0	0	0	0		0
5	06:32:50	0	0	0	0	0	0	0	0	0	0	06:32:52	2	0	0	0	0	0	0	7	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:40:51	0	0	0	0	0	0	0	0	0	0	06:40:53	0	2	0	0	0	1	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0
7	06:45:38	0	0	0	0	0	0	0	0	0	0	06:45:40	1	2	0	0	0	0	0	5	0	5		0	0	0	0	0	0	0	0	0	0		0
8	06:50:28	0	0	0	0	0	0	0	0	0	0	06:50:30	2	0	0	0	0	0	0	0	0	2	06:50:37	2	2	0	0	0	0	1	0	1	6	06:50:47	1
9	06:55:13	0	0	0	0	0	0	0	0	0	0	06:55:15	0	2	0	0	0	2	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:58:25	0	0	0	0	0	0	0	0	0	0	06:58:27	1	5	0	1	0	1	0	3	0	11		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:04:12	08:04:14	08:05:01	08:05:04	08:05:50	00:00:47	00:01:36	140	560
	2	08:05:49	08:05:51	08:06:41	08:06:44	08:07:27	00:00:50	00:01:36		
	3	08:09:01	08:09:03	08:09:55	08:09:58	08:10:33	00:00:52	00:01:36		
	4	08:12:14	08:12:16	08:13:08	08:13:11	08:13:49	00:00:52	00:01:33		
	5	08:13:49	08:13:51	08:14:45	08:14:48	08:15:24	00:00:54	00:01:33		
08:15 - 08:30	6	08:18:33	08:18:35	08:19:31	08:19:34	08:20:10	00:00:56	00:01:35	142	568
	7	08:21:45	08:21:47	08:22:41	08:22:44	08:23:22	00:00:54	00:01:33		
	8	08:23:22	08:23:24	08:24:17	08:24:20	08:25:00	00:00:53	00:01:36		
	9	08:25:00	08:25:02	08:25:58	08:26:01	08:26:35	00:00:56	00:01:33		
	10	08:28:45	08:28:47	08:29:47	08:29:50	08:30:53	00:01:03	00:01:40		
08:30 - 08:45	11	08:33:06	08:33:08	08:34:03	08:34:06	08:34:45	00:00:55	00:01:37	130	520
	12	08:34:45	08:34:47	08:35:35	08:35:38	08:36:16	00:00:48	00:01:29		
	13	08:37:52	08:37:54	08:38:45	08:38:48	08:39:28	00:00:51	00:01:34		
	14	08:41:02	08:41:04	08:41:53	08:41:56	08:42:34	00:00:49	00:01:30		
	15	08:44:14	08:44:16	08:45:16	08:45:19	08:45:51	00:01:00	00:01:35		
08:45 - 09:00	16	08:47:26	08:47:28	08:48:18	08:48:21	08:49:03	00:00:50	00:01:35	141	564
	17	08:49:03	08:49:05	08:49:54	08:49:57	08:50:39	00:00:49	00:01:34		
	18	08:52:11	08:52:13	08:53:10	08:53:13	08:53:50	00:00:57	00:01:37		
	19	08:55:23	08:55:25	08:56:23	08:56:26	08:57:03	00:00:58	00:01:38		
	20	08:57:03	08:57:05	08:58:00	08:58:03	08:58:40	00:00:55	00:01:35		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:21	17:00:23	17:01:12	17:01:15	17:01:57	00:00:49	00:01:34	127	508
	2	17:03:33	17:03:35	17:04:21	17:04:24	17:05:08	00:00:46	00:01:33		
	3	17:05:08	17:05:10	17:05:57	17:06:00	17:06:44	00:00:47	00:01:34		
	4	17:06:44	17:06:46	17:07:36	17:07:39	17:08:23	00:00:50	00:01:37		
	5	17:13:14	17:13:16	17:14:03	17:14:06	17:14:50	00:00:47	00:01:34		
17:15 - 17:30	6	17:16:26	17:16:28	17:17:13	17:17:16	17:18:00	00:00:45	00:01:32	144	576
	7	17:19:36	17:19:38	17:20:25	17:20:28	17:21:12	00:00:47	00:01:34		
	8	17:21:12	17:21:14	17:22:00	17:22:03	17:22:47	00:00:46	00:01:33		
	9	17:24:23	17:24:25	17:25:12	17:25:15	17:25:59	00:00:47	00:01:34		
	10	17:27:41	17:27:43	17:28:44	17:28:47	17:29:31	00:01:01	00:01:48		
17:30 - 17:45	11	17:31:23	17:31:25	17:32:28	17:32:31	17:33:15	00:01:03	00:01:50	206	824
	12	17:33:15	17:33:17	17:34:20	17:34:23	17:35:07	00:01:03	00:01:50		
	13	17:35:07	17:35:09	17:36:12	17:36:15	17:36:59	00:01:03	00:01:50		
	14	17:36:59	17:37:01	17:38:04	17:38:07	17:38:51	00:01:03	00:01:50		
	15	17:38:51	17:38:53	17:39:56	17:39:59	17:40:43	00:01:03	00:01:50		
17:45 - 18:00	16	17:46:19	17:46:21	17:47:24	17:47:27	17:48:09	00:01:03	00:01:48	158	632
	17	17:51:39	17:51:41	17:52:01	17:53:04	17:53:07	00:01:03	00:01:50		
	18	17:53:51	17:53:53	17:54:56	17:54:59	17:55:44	00:01:03	00:01:51		
	19	17:55:44	17:55:46	17:56:48	17:56:51	17:57:35	00:01:02	00:01:49		
	20	17:57:35	17:57:37	17:58:40	17:58:43	17:59:27	00:01:03	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
6	00:00:10	2304	
0	00:00:00	0	Average
0	00:00:00	0	2304

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	140	560	00:01:34	00:00:51	2304	44.61%	
08:15 - 08:30	142	568	00:01:36	00:00:56	2304	41.87%	
08:30 - 08:45	130	520	00:01:33	00:00:53	2304	39.90%	Average
08:45 - 09:00	141	564	00:01:36	00:00:54	2304	43.90%	42.49%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	127	508	00:01:34	00:00:48	2304	43.54%	
17:15 - 17:30	144	576	00:01:36	00:00:49	2304	48.88%	
17:30 - 17:45	206	824	00:01:50	00:01:03	2304	62.44%	Average
17:45 - 18:00	158	632	00:01:50	00:01:03	2304	47.87%	50.68%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:49	0	0	0	0	0	0	0	0	0	0	06:03:52	0	0	0	0	0	0	0	0	0	0	06:04:26	00:01:25
0	0	0	0	0	0	0	0	0	06:09:47	0	0	0	0	0	0	0	0	0	0	06:09:50	0	0	0	0	0	1	0	0	0	2	06:10:24	00:01:27
0	0	0	0	0	0	0	0	0	06:19:24	0	0	0	0	0	0	0	0	0	0	06:19:27	0	0	0	0	0	0	0	0	0	0	06:20:02	00:01:34
0	0	0	0	0	0	0	0	0	06:27:25	0	0	0	0	0	0	0	0	0	0	06:27:28	0	0	0	0	0	0	0	0	0	0	06:28:02	00:01:34
0	0	0	0	0	0	0	0	0	06:33:49	0	0	0	0	0	0	0	0	0	0	06:33:52	0	1	1	0	0	0	0	0	1	2	06:34:26	00:01:34
0	0	0	0	0	0	0	0	0	06:41:49	0	0	0	0	0	0	0	1	0	0	06:41:52	0	0	0	0	0	0	0	0	0	0	06:42:27	00:01:34
0	0	0	0	0	0	0	0	0	06:46:37	0	0	0	0	0	0	0	0	0	0	06:46:40	0	0	0	0	0	0	0	0	0	0	06:47:14	00:01:34
3	1	0	0	0	0	0	0	5	06:51:24	0	0	0	0	0	0	0	0	0	0	06:51:27	0	0	0	0	0	0	0	0	0	0	06:52:06	00:01:36
0	0	0	0	0	0	0	0	0	06:56:12	0	0	0	0	0	0	0	0	0	0	06:56:15	0	0	0	0	0	0	0	0	0	0	06:56:49	00:01:34
0	0	0	0	0	0	0	0	0	06:59:24	0	0	0	0	0	0	0	0	0	0	06:59:27	0	0	0	0	0	0	0	0	0	0	07:00:01	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	
1	06:05:55	0	0	0	0	0	0	0	0	0	0	06:05:57	1	0	0	1	0	0	0	0	0	3	06:06:04	3	0	3	0	0	0	0	1	0	6	06:06:16
2	06:12:00	0	0	0	0	0	0	0	0	0	0	06:12:02	1	0	1	0	0	0	0	0	0	2	06:12:07	2	0	1	1	0	0	0	0	0	10	06:12:22
3	06:15:14	0	0	0	0	0	0	0	0	0	0	06:15:16	1	0	0	1	0	0	0	0	0	3	06:15:22	4	0	1	1	0	0	0	0	0	7	06:15:34
4	06:21:08	0	0	0	0	0	0	0	0	0	0	06:21:40	2	0	0	0	0	0	0	0	0	2	06:21:46	6	0	2	1	0	0	0	1	0	10	06:22:01
5	06:28:02	0	0	0	0	0	0	0	0	0	0	06:28:04	0	0	1	1	0	0	0	0	0	3	06:28:12	9	0	2	0	0	0	0	0	0	11	06:28:31
6	06:34:26	0	0	0	0	0	0	0	0	0	0	06:34:28	2	0	0	0	0	0	0	0	0	2	06:34:32	4	0	2	0	0	0	0	0	0	6	06:34:42
7	06:39:17	0	0	0	0	0	0	0	0	0	0	06:39:19	2	0	0	0	0	0	0	0	0	2	06:39:27	9	0	1	0	0	0	0	1	0	10	06:39:49
8	06:48:50	0	0	0	0	0	0	0	0	0	0	06:48:52	0	0	1	0	1	0	0	0	0	3	06:49:00	3	0	4	1	0	0	0	0	0	9	06:49:29
9	06:53:37	0	0	0	0	0	0	0	0	0	0	06:53:39	2	0	0	0	0	0	0	0	0	2	06:53:42	2	0	5	1	0	0	0	0	0	9	06:54:02
10	06:55:13	0	0	0	0	0	0	0	0	0	0	06:55:15	2	0	0	0	0	0	0	0	0	2	06:55:26	5	0	2	0	0	0	0	0	0	7	06:55:52

	Time at Start of Full Demand** (hh:mm:ss)	Car
1	06:06:16	6
2	06:12:22	9
3	06:15:34	5
4	06:22:01	4
5	06:28:31	3
6	06:34:42	12
7	06:39:49	6
8	06:49:29	3
9	06:54:02	4
10	06:55:52	2

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1 08:04:12	08:04:14	08:05:01	08:05:04	08:05:50	00:00:47	00:01:36		
	2 08:05:49	08:05:51	08:06:41	08:06:44	08:07:27	00:00:50	00:01:36		
08:00 - 08:15	3 08:09:01	08:09:03	08:09:55	08:09:58	08:10:33	00:00:52	00:01:36	170	680
	4 08:12:14	08:12:16	08:13:08	08:13:11	08:13:49	00:00:52	00:01:33		
	5 08:13:49	08:13:51	08:14:45	08:14:48	08:15:24	00:00:54	00:01:33		
	6 08:18:33	08:18:35	08:19:31	08:19:34	08:20:10	00:00:56	00:01:35		
	7 08:21:45	08:21:47	08:22:41	08:22:44	08:23:22	00:00:54	00:01:33		
08:15 - 08:30	8 08:23:22	08:23:24	08:24:17	08:24:20	08:25:00	00:00:53	00:01:36	202	808
	9 08:25:00	08:25:02	08:25:58	08:26:01	08:26:35	00:00:56	00:01:31		
	10 08:29:45	08:29:47	08:30:50	08:30:53	08:31:27	00:01:03	00:01:40		
	11 08:33:06	08:33:08	08:34:03	08:34:06	08:34:45	00:00:55	00:01:37		
	12 08:34:45	08:34:47	08:35:35	08:35:38	08:36:16	00:00:48	00:01:29		
08:30 - 08:45	13 08:37:52	08:37:54	08:38:45	08:38:48	08:39:28	00:00:51	00:01:34	190	760
	14 08:41:02	08:41:04	08:41:53	08:41:56	08:42:34	00:00:49	00:01:30		
	15 08:44:14	08:44:16	08:45:16	08:45:19	08:45:51	00:01:00	00:01:35		
	16 08:47:26	08:47:28	08:48:18	08:48:21	08:49:03	00:00:50	00:01:35		
	17 08:49:03	08:49:05	08:49:54	08:49:57	08:50:39	00:00:49	00:01:34		
08:45 - 09:00	18 08:52:11	08:52:13	08:53:10	08:53:13	08:53:50	00:00:57	00:01:37	181	724
	19 08:55:23	08:55:25	08:56:23	08:56:26	08:57:03	00:00:58	00:01:38		
	20 08:57:03	08:57:05	08:58:00	08:58:03	08:58:40	00:00:55	00:01:35		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1 17:00:21	17:00:23	17:01:12	17:01:15	17:01:57	00:00:49	00:01:34		
	2 17:03:33	17:03:35	17:04:21	17:04:24	17:05:08	00:00:46	00:01:33		
17:00 - 17:15	3 17:05:08	17:05:10	17:05:57	17:06:00	17:06:44	00:00:47	00:01:34	76	304
	4 17:06:44	17:06:46	17:07:36	17:07:39	17:08:23	00:00:50	00:01:37		
	5 17:13:14	17:13:16	17:14:03	17:14:06	17:14:50	00:00:47	00:01:34		
	6 17:16:26	17:16:28	17:17:13	17:17:16	17:18:00	00:00:45	00:01:32		
	7 17:19:36	17:19:38	17:20:25	17:20:28	17:21:12	00:00:47	00:01:34		
17:15 - 17:30	8 17:21:12	17:21:14	17:22:00	17:22:03	17:22:47	00:00:46	00:01:33	73	292
	9 17:24:23	17:24:25	17:25:12	17:25:15	17:25:59	00:00:47	00:01:34		
	10 17:27:41	17:27:43	17:28:44	17:28:47	17:29:31	00:01:01	00:01:48		
	11 17:31:23	17:31:25	17:32:28	17:32:31	17:33:15	00:01:03	00:01:50		
	12 17:33:15	17:33:17	17:34:20	17:34:23	17:35:07	00:01:03	00:01:50		
17:30 - 17:45	13 17:35:07	17:35:09	17:36:12	17:36:15	17:36:59	00:01:03	00:01:50	143	572
	14 17:36:59	17:37:01	17:38:04	17:38:07	17:38:51	00:01:03	00:01:50		
	15 17:38:51	17:38:53	17:39:56	17:39:59	17:40:43	00:01:03	00:01:50		
	16 17:46:19	17:46:21	17:47:24	17:47:27	17:48:09	00:01:03	00:01:48		
	17 17:51:39	17:51:41	17:52:44	17:52:47	17:53:31	00:01:03	00:01:50		
17:45 - 18:00	18 17:53:51	17:53:53	17:54:56	17:54:59	17:55:44	00:01:03	00:01:51	124	496
	19 17:55:44	17:55:46	17:56:48	17:56:51	17:57:35	00:01:02	00:01:49		
	20 17:57:35	17:57:37	17:58:40	17:58:43	17:59:27	00:01:03	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:12	1920	
10	00:00:15	2280	
7	00:00:12	1950	
10	00:00:16	2228	
11	00:00:19	2084	
6	00:00:10	2160	
10	00:00:22	1752	
9	00:00:29	1055	
9	00:00:20	1530	Average
7	00:00:26	969	1788

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	170	680	00:01:34	00:00:51	1788	80.81%	
08:15 - 08:30	202	808	00:01:36	00:00:56	1788	76.77%	
08:30 - 08:45	190	760	00:01:33	00:00:53	1788	75.98%	Average
08:45 - 09:00	181	724	00:01:36	00:00:54	1788	72.11%	73.46%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	76	304	00:01:34	00:00:48	1788	33.58%	
17:15 - 17:30	73	292	00:01:36	00:00:49	1788	31.94%	
17:30 - 17:45	143	572	00:01:50	00:01:03	1788	55.86%	Average
17:45 - 18:00	124	496	00:01:50	00:01:03	1788	48.43%	42.45%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	1	0	7	06:06:46	2	0	0	0	0	0	0	0	0	2	06:06:49	0	0	0	0	0	0	0	0	0	06:07:27	00:01:30
0	4	1	0	1	0	0	0	17	06:13:00	1	0	0	0	0	0	0	0	0	1	06:13:03	0	0	0	0	0	0	0	0	0	06:13:37	00:01:35
0	4	1	1	1	0	0	0	15	06:16:13	1	0	0	0	0	0	0	0	0	1	06:16:16	0	0	0	0	0	0	0	0	0	06:16:50	00:01:34
0	2	1	0	0	0	0	0	8	06:22:35	1	0	0	0	0	0	0	0	0	1	06:22:38	0	0	0	0	0	0	0	0	0	06:23:17	00:01:37
0	2	1	0	0	0	0	0	7	06:28:59	0	0	0	0	0	0	0	0	0	0	06:29:02	0	0	0	0	0	0	0	0	0	06:29:39	00:01:35
0	2	1	0	0	0	0	0	16	06:35:25	0	0	0	0	0	0	0	0	0	0	06:35:28	0	0	0	0	0	0	0	0	0	06:36:02	00:01:34
0	2	0	1	0	0	0	0	10	06:40:14	1	0	0	0	0	0	0	0	0	1	06:40:17	0	0	0	0	0	0	0	0	0	06:40:51	00:01:32
0	1	0	3	0	0	0	0	11	06:49:49	0	0	0	0	0	0	0	0	0	0	06:49:52	0	0	0	0	0	0	0	0	0	06:50:28	00:01:36
0	3	1	0	0	0	0	0	9	06:54:36	0	0	0	0	0	0	0	0	0	0	06:54:39	0	0	0	0	0	0	0	0	0	06:55:13	00:01:34
0	0	0	0	0	0	0	0	2	06:56:12	0	0	0	0	0	0	0	0	0	0	06:56:15	0	0	0	0	0	0	0	0	0	06:56:49	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 26
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:55	0	0	0	0	0	0	0	0	0	0	06:05:57	2	0	0	0	0	0	0	0	0	2	06:06:02	4	0	3	0	0	0	0	0	0	7	06:06:16	3
2	06:13:37	0	0	0	0	0	0	0	0	0	0	06:13:39	1	1	0	0	0	0	0	0	0	2	06:13:45	3	0	3	0	0	0	0	0	0	6	06:13:58	2
3	06:15:14	0	0	0	0	0	0	0	0	0	0	06:15:16	2	0	0	0	0	0	0	0	0	2	06:15:21	5	0	1	0	0	0	0	0	0	6	06:15:32	1
4	06:20:02	0	0	0	0	0	0	0	0	0	0	06:20:04	1	0	1	0	0	0	0	0	0	2	06:20:09	4	0	3	0	0	0	0	0	0	7	06:20:23	7
5	06:24:51	0	0	0	0	0	0	0	0	0	0	06:24:53	2	0	0	0	0	0	0	0	0	2	06:24:56	6	0	2	0	0	0	0	0	0	8	06:25:11	5
6	06:31:14	0	0	0	0	0	0	0	0	0	0	06:31:16	0	0	1	1	0	0	0	0	0	3	06:31:24	6	0	1	1	0	0	0	0	0	9	06:31:39	2
7	06:36:02	0	0	0	0	0	0	0	0	0	0	06:36:04	2	0	0	0	0	0	0	0	0	2	06:36:12	4	0	2	1	0	0	0	0	0	8	06:36:32	2
8	06:45:38	0	0	0	0	0	0	0	0	0	0	06:45:40	1	0	0	1	0	0	0	0	0	3	06:45:47	7	0	0	0	0	0	0	0	0	7	06:46:00	4
9	06:53:37	0	0	0	0	0	0	0	0	0	0	06:53:39	1	0	0	1	0	0	0	0	0	3	06:53:46	7	0	3	2	0	0	0	0	0	13	06:54:10	9
10	06:56:49	0	0	0	0	0	0	0	0	0	0	06:56:51	2	0	0	0	0	0	0	0	0	2	06:56:56	5	0	1	0	0	0	0	0	0	6	06:57:08	9

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:04:12	08:04:14	08:05:01	08:05:04	08:05:50	00:00:47	00:01:36	139	556
	2	08:05:49	08:05:51	08:06:41	08:06:44	08:07:27	00:00:50	00:01:36		
	3	08:09:01	08:09:03	08:09:55	08:09:58	08:10:33	00:00:52	00:01:36		
	4	08:12:14	08:12:16	08:13:08	08:13:11	08:13:49	00:00:52	00:01:33		
	5	08:13:49	08:13:51	08:14:45	08:14:48	08:15:24	00:00:54	00:01:33		
08:15 - 08:30	6	08:18:33	08:18:35	08:19:31	08:19:34	08:20:10	00:00:56	00:01:35	140	560
	7	08:21:45	08:21:47	08:22:41	08:22:44	08:23:22	00:00:54	00:01:33		
	8	08:23:22	08:23:24	08:24:17	08:24:20	08:25:00	00:00:53	00:01:36		
	9	08:25:00	08:25:02	08:25:58	08:26:01	08:26:35	00:00:56	00:01:35		
	10	08:28:45	08:28:47	08:29:47	08:29:50	08:30:53	00:01:03	00:01:40		
08:30 - 08:45	11	08:33:06	08:33:08	08:34:03	08:34:06	08:34:45	00:00:55	00:01:37	135	540
	12	08:34:45	08:34:47	08:35:35	08:35:38	08:36:16	00:00:48	00:01:29		
	13	08:37:52	08:37:54	08:38:45	08:38:48	08:39:28	00:00:51	00:01:34		
	14	08:41:02	08:41:04	08:41:53	08:41:56	08:42:34	00:00:49	00:01:30		
	15	08:44:14	08:44:16	08:45:16	08:45:19	08:45:51	00:01:00	00:01:35		
08:45 - 09:00	16	08:47:26	08:47:28	08:48:18	08:48:21	08:49:03	00:00:50	00:01:35	138	552
	17	08:49:03	08:49:05	08:49:54	08:49:57	08:50:39	00:00:49	00:01:34		
	18	08:52:11	08:52:13	08:53:10	08:53:13	08:53:50	00:00:57	00:01:37		
	19	08:55:23	08:55:25	08:56:23	08:56:26	08:57:03	00:00:58	00:01:38		
	20	08:57:03	08:57:05	08:58:00	08:58:03	08:58:40	00:00:55	00:01:35		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:21	17:00:23	17:01:12	17:01:15	17:01:57	00:00:49	00:01:34	110	440
	2	17:03:33	17:03:35	17:04:21	17:04:24	17:05:08	00:00:46	00:01:33		
	3	17:05:08	17:05:10	17:05:57	17:06:00	17:06:44	00:00:47	00:01:34		
	4	17:06:44	17:06:46	17:07:36	17:07:39	17:08:23	00:00:50	00:01:37		
	5	17:13:14	17:13:16	17:14:03	17:14:06	17:14:50	00:00:47	00:01:34		
17:15 - 17:30	6	17:16:26	17:16:28	17:17:13	17:17:16	17:18:00	00:00:45	00:01:32	112	448
	7	17:19:36	17:19:38	17:20:25	17:20:28	17:21:12	00:00:47	00:01:34		
	8	17:21:12	17:21:14	17:22:00	17:22:03	17:22:47	00:00:46	00:01:33		
	9	17:24:23	17:24:25	17:25:12	17:25:15	17:25:59	00:00:47	00:01:34		
	10	17:27:41	17:27:43	17:28:44	17:28:47	17:29:31	00:01:01	00:01:48		
17:30 - 17:45	11	17:31:23	17:31:25	17:32:28	17:32:31	17:33:15	00:01:03	00:01:50	165	660
	12	17:33:15	17:33:17	17:34:20	17:34:23	17:35:07	00:01:03	00:01:50		
	13	17:35:07	17:35:09	17:36:12	17:36:15	17:36:59	00:01:03	00:01:50		
	14	17:36:59	17:37:01	17:38:04	17:38:07	17:38:51	00:01:03	00:01:50		
	15	17:38:51	17:38:53	17:39:56	17:39:59	17:40:43	00:01:03	00:01:50		
17:45 - 18:00	16	17:46:19	17:46:21	17:47:24	17:47:27	17:48:09	00:01:03	00:01:48	170	680
	17	17:51:39	17:51:41	17:52:01	17:53:04	17:53:07	00:01:03	00:01:50		
	18	17:53:51	17:53:53	17:54:56	17:54:59	17:55:44	00:01:03	00:01:51		
	19	17:55:44	17:55:46	17:56:48	17:56:51	17:57:35	00:01:02	00:01:49		
	20	17:57:35	17:57:37	17:58:40	17:58:43	17:59:27	00:01:03	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
7	00:00:14	1800	
6	00:00:13	1662	
6	00:00:11	1964	
7	00:00:14	1800	
8	00:00:15	1920	
9	00:00:15	2040	
8	00:00:20	1350	
7	00:00:13	1938	
13	00:00:44	3564	Average
5	00:00:12	1800	1734

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	139	556	00:01:34	00:00:51	1734	58.86%	
08:15 - 08:30	140	560	00:01:36	00:00:56	1734	54.86%	
08:30 - 08:45	135	540	00:01:33	00:00:53	1734	55.07%	Average
08:45 - 09:00	138	552	00:01:36	00:00:54	1734	56.80%	56.37%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	110	440	00:01:34	00:00:48	1734	50.12%	
17:15 - 17:30	112	448	00:01:36	00:00:49	1734	50.53%	
17:30 - 17:45	165	660	00:01:50	00:01:03	1734	66.47%	Average
17:45 - 18:00	170	680	00:01:50	00:01:03	1734	68.45%	58.89%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	3	0	0	1	0	0	0	8	06:06:46	0	0	0	0	0	0	0	0	0	0	06:06:49	0	0	0	0	0	0	0	0	0	0	06:07:27	00:01:30
0	0	0	0	0	0	0	0	2	06:14:37	0	0	0	0	0	0	0	0	0	0	06:14:40	0	0	0	0	0	0	0	0	0	0	06:15:14	00:01:35
0	1	0	0	0	0	0	0	2	06:16:13	0	0	1	0	0	0	0	0	0	1	06:16:16	0	0	0	0	0	0	0	0	0	0	06:16:50	00:01:34
0	2	0	0	0	0	1	0	9	06:21:01	1	0	0	0	0	0	0	0	0	1	06:21:04	0	0	0	0	0	0	0	0	0	0	06:21:38	00:01:34
0	3	0	0	0	0	0	0	8	06:25:49	1	0	0	0	0	0	0	0	0	1	06:25:52	0	0	0	0	0	0	0	0	0	0	06:26:27	00:01:34
0	2	0	0	0	0	0	0	4	06:32:12	1	0	0	0	0	0	0	0	0	1	06:32:15	0	0	0	0	0	0	0	0	0	0	06:32:50	00:01:34
0	2	0	0	1	0	0	0	6	06:37:01	0	0	0	0	0	0	0	0	0	0	06:37:04	0	0	0	0	0	0	0	0	0	0	06:37:38	00:01:34
0	5	3	0	0	0	0	0	14	06:46:37	0	0	0	0	0	0	0	0	0	0	06:46:40	0	0	0	0	0	0	0	0	0	0	06:47:14	00:01:34
0	0	0	0	0	0	0	0	0	06:54:36	0	0	0	0	0	0	0	0	0	0	06:54:39	0	0	0	0	0	0	0	0	0	0	06:55:13	00:01:34
0	2	1	0	0	0	0	0	13	06:57:48	0	0	1	0	0	0	0	0	0	1	06:57:51	0	0	0	0	0	0	0	0	0	0	06:58:25	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 27
Date of Survey: 12.06.2014
Junction Name: Euston Road / Gower Street
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.525434	-0.135849	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 27
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:34	0	0	0	0	0	0	0	0	0	0	06:03:36	1	0	1	0	0	2	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
2	06:08:22	0	0	0	0	0	0	0	0	0	0	06:08:24	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:13:10	0	0	0	0	0	0	0	0	0	0	06:13:12	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:16:22	0	0	0	0	0	0	0	0	0	0	06:16:24	5	0	1	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
5	06:22:46	0	0	0	0	0	0	0	0	0	0	06:22:48	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:25:57	0	0	0	0	0	0	0	0	0	0	06:25:59	2	0	1	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
7	06:32:22	0	0	0	0	0	0	0	0	0	0	06:32:24	0	1	2	0	0	0	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
8	06:41:57	0	0	0	0	0	0	0	0	0	0	06:41:59	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:49:58	0	0	0	0	0	0	0	0	0	0	06:50:00	2	1	1	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:56:21	0	0	0	0	0	0	0	0	0	0	06:56:23	3	0	0	0	0	2	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:25	08:00:27	08:00:50	08:00:53	08:02:01	00:00:23	00:01:34	78	312
	2	08:03:37	08:03:39	08:04:01	08:04:04	08:05:13	00:00:22	00:01:34		
	3	08:06:49	08:06:51	08:07:13	08:07:16	08:08:25	00:00:22	00:01:34		
	4	08:10:00	08:10:02	08:10:25	08:10:28	08:11:37	00:00:23	00:01:35		
	5	08:13:12	08:13:14	08:13:37	08:13:40	08:14:48	00:00:23	00:01:34		
08:15 - 08:30	6	08:16:24	08:16:26	08:16:49	08:16:52	08:18:00	00:00:23	00:01:34	83	332
	7	08:19:36	08:19:38	08:20:01	08:20:04	08:21:12	00:00:23	00:01:34		
	8	08:22:48	08:22:50	08:23:13	08:23:16	08:24:24	00:00:23	00:01:34		
	9	08:26:00	08:26:02	08:26:25	08:26:28	08:27:36	00:00:23	00:01:34		
	10	08:29:12	08:29:14	08:29:37	08:29:40	08:30:49	00:00:23	00:01:35		
08:30 - 08:45	11	08:32:24	08:32:26	08:32:49	08:32:52	08:34:00	00:00:23	00:01:34	72	288
	12	08:34:00	08:34:02	08:34:25	08:34:28	08:35:36	00:00:23	00:01:34		
	13	08:37:12	08:37:14	08:37:37	08:37:40	08:38:48	00:00:23	00:01:34		
	14	08:40:25	08:40:27	08:40:49	08:40:52	08:42:00	00:00:22	00:01:33		
	15	08:43:36	08:43:38	08:44:01	08:44:04	08:45:13	00:00:23	00:01:35		
08:45 - 09:00	16	08:46:49	08:46:51	08:47:14	08:47:17	08:48:25	00:00:23	00:01:34	75	300
	17	08:48:25	08:48:27	08:48:50	08:48:53	08:50:01	00:00:23	00:01:34		
	18	08:51:36	08:51:38	08:52:01	08:52:04	08:53:13	00:00:23	00:01:35		
	19	08:54:49	08:54:51	08:55:14	08:55:17	08:56:24	00:00:23	00:01:33		
	20	08:58:00	08:58:02	08:58:25	08:58:28	08:59:39	00:00:23	00:01:37		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:11	17:01:13	17:01:39	17:01:39	17:02:47	00:00:23	00:01:34	55	220
	2	17:04:23	17:04:25	17:04:48	17:04:51	17:05:59	00:00:23	00:01:34		
	3	17:05:59	17:06:01	17:06:24	17:06:27	17:07:35	00:00:23	00:01:34		
	4	17:09:11	17:09:13	17:09:36	17:09:39	17:10:47	00:00:23	00:01:34		
	5	17:12:23	17:12:25	17:12:48	17:12:51	17:13:59	00:00:23	00:01:34		
17:15 - 17:30	6	17:15:36	17:15:38	17:16:00	17:16:03	17:17:11	00:00:22	00:01:33	38	152
	7	17:18:48	17:18:50	17:19:12	17:19:15	17:20:23	00:00:22	00:01:33		
	8	17:21:59	17:22:01	17:22:24	17:22:27	17:23:35	00:00:23	00:01:34		
	9	17:25:11	17:25:13	17:25:36	17:25:39	17:26:47	00:00:23	00:01:34		
	10	17:28:23	17:28:25	17:28:48	17:28:51	17:29:59	00:00:23	00:01:34		
17:30 - 17:45	11	17:31:36	17:31:38	17:32:00	17:32:03	17:33:11	00:00:22	00:01:33	48	192
	12	17:34:48	17:34:50	17:35:12	17:35:15	17:36:23	00:00:22	00:01:33		
	13	17:37:59	17:38:01	17:38:24	17:38:27	17:39:35	00:00:23	00:01:34		
	14	17:41:11	17:41:13	17:41:36	17:41:39	17:42:47	00:00:23	00:01:34		
	15	17:44:23	17:44:25	17:44:48	17:44:51	17:46:00	00:00:23	00:01:35		
17:45 - 18:00	16	17:46:00	17:46:02	17:46:24	17:46:27	17:47:35	00:00:22	00:01:33	56	224
	17	17:49:11	17:49:13	17:49:35	17:49:38	17:50:47	00:00:22	00:01:34		
	18	17:52:23	17:52:25	17:52:48	17:52:51	17:53:59	00:00:23	00:01:34		
	19	17:55:35	17:55:37	17:56:00	17:56:03	17:57:11	00:00:23	00:01:34		
	20	17:58:47	17:58:49	17:59:12	17:59:15	18:00:23	00:00:23	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	78	312	00:01:34	00:00:23	0	0.00%	
08:15 - 08:30	83	332	00:01:34	00:00:23	0	0.00%	
08:30 - 08:45	72	288	00:01:34	00:00:23	0	0.00%	Average
08:45 - 09:00	75	300	00:01:35	00:00:23	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	55	220	00:01:34	00:00:23	0	0.00%	
17:15 - 17:30	38	152	00:01:34	00:00:23	0	0.00%	
17:30 - 17:45	48	192	00:01:34	00:00:23	0	0.00%	Average
17:45 - 18:00	56	224	00:01:34	00:00:23	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:00	0	0	0	0	0	0	0	0	0	0	06:04:03	0	0	0	0	0	0	0	0	0	0	06:05:10	00:01:34
0	0	0	0	0	0	0	0	0	06:08:48	0	0	0	0	0	0	0	0	0	0	06:08:51	0	0	0	0	0	0	0	0	0	0	06:09:58	00:01:34
0	0	0	0	0	0	0	0	0	06:13:35	1	0	0	0	0	0	0	0	0	1	06:13:38	0	0	0	0	0	0	0	0	0	0	06:14:46	00:01:34
0	0	0	0	0	0	0	0	0	06:16:47	0	0	0	0	0	0	0	0	0	0	06:16:50	0	0	0	0	0	0	0	0	0	0	06:17:57	00:01:33
0	0	0	0	0	0	0	0	0	06:23:11	0	0	0	0	0	0	0	0	0	0	06:23:14	0	0	0	0	0	0	0	0	0	0	06:24:22	00:01:34
0	0	0	0	0	0	0	0	0	06:26:22	0	1	0	0	0	0	0	0	0	1	06:26:25	0	0	0	0	0	0	0	0	1	0	06:27:33	00:01:34
0	0	0	0	0	0	0	0	0	06:32:47	0	0	0	0	0	0	0	0	0	0	06:32:50	0	0	0	0	0	0	0	0	0	0	06:33:58	00:01:34
0	0	0	0	0	0	0	0	0	06:42:22	0	0	0	0	0	0	0	0	0	0	06:42:25	0	0	0	0	0	0	0	0	0	0	06:43:33	00:01:34
0	0	0	0	0	0	0	0	0	06:50:22	0	0	0	0	0	0	0	0	0	0	06:50:25	0	0	0	0	0	0	0	0	0	0	06:51:33	00:01:33
0	0	0	0	0	0	0	0	0	06:56:46	0	0	0	0	0	0	0	0	0	0	06:56:49	0	0	0	0	0	0	0	0	0	0	06:57:57	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001981
Site Number: Site 27
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:09	0	0	0	0	0	0	0	0	0	0	06:05:11	0	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:09:57	0	0	0	0	0	0	0	0	0	0	06:09:59	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:17:57	0	0	0	0	0	0	0	0	0	0	06:17:59	0	1	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:22:46	0	0	0	0	0	0	0	0	0	0	06:22:48	1	0	0	0	0	1	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
5	06:27:34	0	0	0	0	0	0	0	0	0	0	06:27:36	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
6	06:32:22	0	0	0	0	0	0	0	0	0	0	06:32:24	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:40:21	0	0	0	0	0	0	0	0	0	0	06:40:23	1	0	0	0	1	0	1	0	0	5		0	0	0	0	0	0	0	0	0	0		0
8	06:45:09	0	0	0	0	0	0	0	0	0	0	06:45:11	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:49:58	0	0	0	0	0	0	0	0	0	0	06:50:00	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
10	06:57:57	0	0	0	0	0	0	0	0	0	0	06:57:59	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:25	08:00:27	08:00:50	08:00:53	08:02:01	00:00:23	00:01:34		
2	08:03:37	08:03:39	08:04:01	08:04:04	08:05:13	00:00:22	00:01:34		
3	08:06:49	08:06:51	08:07:13	08:07:16	08:08:25	00:00:22	00:01:34		
4	08:10:00	08:10:02	08:10:25	08:10:28	08:11:37	00:00:23	00:01:35		
5	08:13:12	08:13:14	08:13:37	08:13:40	08:14:48	00:00:23	00:01:34		
6	08:16:24	08:16:26	08:16:49	08:16:52	08:18:00	00:00:23	00:01:34		
7	08:19:36	08:19:38	08:20:01	08:20:04	08:21:12	00:00:23	00:01:34		
8	08:22:48	08:22:50	08:23:13	08:23:16	08:24:24	00:00:23	00:01:34		
9	08:26:00	08:26:02	08:26:25	08:26:28	08:27:36	00:00:23	00:01:34		
10	08:29:12	08:29:14	08:29:37	08:29:40	08:30:49	00:00:23	00:01:35		
11	08:32:24	08:32:26	08:32:49	08:32:52	08:34:00	00:00:23	00:01:34		
12	08:34:00	08:34:02	08:34:25	08:34:28	08:35:36	00:00:23	00:01:34		
13	08:37:12	08:37:14	08:37:37	08:37:40	08:38:48	00:00:23	00:01:34		
14	08:40:25	08:40:27	08:40:49	08:40:52	08:42:00	00:00:22	00:01:33		
15	08:43:36	08:43:38	08:44:01	08:44:04	08:45:13	00:00:23	00:01:35		
16	08:46:49	08:46:51	08:47:14	08:47:17	08:48:25	00:00:23	00:01:34		
17	08:48:25	08:48:27	08:48:50	08:48:53	08:50:01	00:00:23	00:01:34		
18	08:51:36	08:51:38	08:52:01	08:52:04	08:53:13	00:00:23	00:01:35		
19	08:54:49	08:54:51	08:55:14	08:55:17	08:56:24	00:00:23	00:01:33		
20	08:58:00	08:58:02	08:58:25	08:58:28	08:59:39	00:00:23	00:01:37		

08:00 - 08:15	1	08:00:25	08:00:27	08:00:50	08:00:53	08:02:01	00:00:23	00:01:34	64	256
	2	08:03:37	08:03:39	08:04:01	08:04:04	08:05:13	00:00:22	00:01:34		
	3	08:06:49	08:06:51	08:07:13	08:07:16	08:08:25	00:00:22	00:01:34		
	4	08:10:00	08:10:02	08:10:25	08:10:28	08:11:37	00:00:23	00:01:35		
	5	08:13:12	08:13:14	08:13:37	08:13:40	08:14:48	00:00:23	00:01:34		
08:15 - 08:30	6	08:16:24	08:16:26	08:16:49	08:16:52	08:18:00	00:00:23	00:01:34	59	236
	7	08:19:36	08:19:38	08:20:01	08:20:04	08:21:12	00:00:23	00:01:34		
	8	08:22:48	08:22:50	08:23:13	08:23:16	08:24:24	00:00:23	00:01:34		
	9	08:26:00	08:26:02	08:26:25	08:26:28	08:27:36	00:00:23	00:01:34		
	10	08:29:12	08:29:14	08:29:37	08:29:40	08:30:49	00:00:23	00:01:35		
08:30 - 08:45	11	08:32:24	08:32:26	08:32:49	08:32:52	08:34:00	00:00:23	00:01:34	65	260
	12	08:34:00	08:34:02	08:34:25	08:34:28	08:35:36	00:00:23	00:01:34		
	13	08:37:12	08:37:14	08:37:37	08:37:40	08:38:48	00:00:23	00:01:34		
	14	08:40:25	08:40:27	08:40:49	08:40:52	08:42:00	00:00:22	00:01:33		
	15	08:43:36	08:43:38	08:44:01	08:44:04	08:45:13	00:00:23	00:01:35		
08:45 - 09:00	16	08:46:49	08:46:51	08:47:14	08:47:17	08:48:25	00:00:23	00:01:34	58	232
	17	08:48:25	08:48:27	08:48:50	08:48:53	08:50:01	00:00:23	00:01:34		
	18	08:51:36	08:51:38	08:52:01	08:52:04	08:53:13	00:00:23	00:01:35		
	19	08:54:49	08:54:51	08:55:14	08:55:17	08:56:24	00:00:23	00:01:33		
	20	08:58:00	08:58:02	08:58:25	08:58:28	08:59:39	00:00:23	00:01:37		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:11	17:01:13	17:01:36	17:01:39	17:02:47	00:00:23	00:01:34		
2	17:04:23	17:04:25	17:04:48	17:04:51	17:05:59	00:00:23	00:01:34		
3	17:05:59	17:06:01	17:06:24	17:06:27	17:07:35	00:00:23	00:01:34		
4	17:09:11	17:09:13	17:09:36	17:09:39	17:10:47	00:00:23	00:01:34		
5	17:12:23	17:12:25	17:12:48	17:12:51	17:13:59	00:00:23	00:01:34		
6	17:15:36	17:15:38	17:16:00	17:16:03	17:17:11	00:00:22	00:01:33		
7	17:18:48	17:18:50	17:19:12	17:19:15	17:20:23	00:00:22	00:01:33		
8	17:21:59	17:22:01	17:22:24	17:22:27	17:23:35	00:00:23	00:01:34		
9	17:25:11	17:25:13	17:25:36	17:25:39	17:26:47	00:00:23	00:01:34		
10	17:28:23	17:28:25	17:28:48	17:28:51	17:29:59	00:00:23	00:01:34		
11	17:31:36	17:31:38	17:32:00	17:32:03	17:33:11	00:00:22	00:01:33		
12	17:34:48	17:34:50	17:35:12	17:35:15	17:36:23	00:00:22	00:01:33		
13	17:37:59	17:38:01	17:38:24	17:38:27	17:39:35	00:00:23	00:01:34		
14	17:41:11	17:41:13	17:41:36	17:41:39	17:42:47	00:00:23	00:01:34		
15	17:44:23	17:44:25	17:44:48	17:44:51	17:46:00	00:00:23	00:01:35		
16	17:46:00	17:46:02	17:46:24	17:46:27	17:47:35	00:00:22	00:01:33		
17	17:49:11	17:49:13	17:49:35	17:49:38	17:50:47	00:00:22	00:01:34		
18	17:52:23	17:52:25	17:52:48	17:52:51	17:53:59	00:00:23	00:01:34		
19	17:55:35	17:55:37	17:56:00	17:56:03	17:57:11	00:00:23	00:01:34		
20	17:58:47	17:58:49	17:59:12	17:59:15	18:00:23	00:00:23	00:01:34		

17:00 - 17:15	1	17:01:11	17:01:13	17:01:36	17:01:39	17:02:47	00:00:23	00:01:34	46	184
	2	17:04:23	17:04:25	17:04:48	17:04:51	17:05:59	00:00:23	00:01:34		
	3	17:05:59	17:06:01	17:06:24	17:06:27	17:07:35	00:00:23	00:01:34		
	4	17:09:11	17:09:13	17:09:36	17:09:39	17:10:47	00:00:23	00:01:34		
	5	17:12:23	17:12:25	17:12:48	17:12:51	17:13:59	00:00:23	00:01:34		
17:15 - 17:30	6	17:15:36	17:15:38	17:16:00	17:16:03	17:17:11	00:00:22	00:01:33	53	212
	7	17:18:48	17:18:50	17:19:12	17:19:15	17:20:23	00:00:22	00:01:33		
	8	17:21:59	17:22:01	17:22:24	17:22:27	17:23:35	00:00:23	00:01:34		
	9	17:25:11	17:25:13	17:25:36	17:25:39	17:26:47	00:00:23	00:01:34		
	10	17:28:23	17:28:25	17:28:48	17:28:51	17:29:59	00:00:23	00:01:34		
17:30 - 17:45	11	17:31:36	17:31:38	17:32:00	17:32:03	17:33:11	00:00:22	00:01:33	58	232
	12	17:34:48	17:34:50	17:35:12	17:35:15	17:36:23	00:00:22	00:01:33		
	13	17:37:59	17:38:01	17:38:24	17:38:27	17:39:35	00:00:23	00:01:34		
	14	17:41:11	17:41:13	17:41:36	17:41:39	17:42:47	00:00:23	00:01:34		
	15	17:44:23	17:44:25	17:44:48	17:44:51	17:46:00	00:00:23	00:01:35		
17:45 - 18:00	16	17:46:00	17:46:02	17:46:24	17:46:27	17:47:35	00:00:22	00:01:33	51	204
	17	17:49:11	17:49:13	17:49:35	17:49:38	17:50:47	00:00:22	00:01:34		
	18	17:52:23	17:52:25	17:52:48	17:52:51	17:53:59	00:00:23	00:01:34		
	19	17:55:35	17:55:37	17:56:00	17:56:03	17:57:11	00:00:23	00:01:34		
	20	17:58:47	17:58:49	17:59:12	17:59:15	18:00:23	00:00:23	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	64	256	00:01:34	00:00:23	0	0.00%	
08:15 - 08:30	59	236	00:01:34	00:00:23	0	0.00%	
08:30 - 08:45	65	260	00:01:34	00:00:23	0	0.00%	Average
08:45 - 09:00	58	232	00:01:35	00:00:23	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	46	184	00:01:34	00:00:23	0	0.00%	
17:15 - 17:30	53	212	00:01:34	00:00:23	0	0.00%	
17:30 - 17:45	58	232	00:01:34	00:00:23	0	0.00%	Average
17:45 - 18:00	51	204	00:01:34	00:00:23	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:35	0	0	0	0	0	0		0	0	0	06:05:38	0	0	0	0	0	0	0	0	0	0	06:06:45	00:01:34
0	0	0	0	0	0	0	0	0	06:10:24	0	0	0	0	0	0	0	0	0	0	06:10:27	0	0	0	0	0	0	0	0	0	0	06:11:33	00:01:34
0	0	0	0	0	0	0	0	0	06:18:24	0	0	0	0	0	0	0	0	0	0	06:18:27	0	0	0	0	0	0	0	0	0	0	06:19:33	00:01:34
0	0	0	0	0	0	0	0	0	06:23:11	0	0	0	0	0	0	0	0	0	0	06:23:14	0	0	0	0	0	0	0	0	0	0	06:24:22	00:01:34
0	0	0	0	0	0	0	0	0	06:27:59	0	0	0	0	0	0	0	0	0	0	06:28:02	0	0	0	0	0	0	0	0	0	0	06:29:10	00:01:34
0	0	0	0	0	0	0	0	0	06:32:47	0	0	0	0	0	0	0	0	0	0	06:32:50	0	0	0	0	0	0	0	0	0	0	06:33:58	00:01:34
0	0	0	0	0	0	0	0	0	06:40:46	0	0	0	0	0	0	0	0	0	0	06:40:49	0	0	0	0	0	0	0	0	0	0	06:41:57	00:01:34
0	0	0	0	0	0	0	0	0	06:45:35	0	0	0	0	0	0	0	0	0	0	06:45:38	0	0	0	0	0	0	0	0	0	0	06:46:45	00:01:34
0	0	0	0	0	0	0	0	0	06:50:22	0	0	0	0	0	0	0	0	0	0	06:50:25	0	0	0	0	0	0	0	0	0	0	06:51:33	00:01:33
0	0	0	0	0	0	0	0	0	06:58:23	0	0	0	0	0	0	0	0	0	0	06:58:26	0	0	0	0	0	0	0	0	0	0	06:59:33	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 27
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:35	0	0	0	0	0	0	0	0	0	0	06:05:37	6	0	3	0	1	0	0	0	1	11		0	0	0	0	0	0	0	0	0	0		0
2	06:10:23	0	0	0	0	0	0	0	0	0	0	06:10:25	2	1	2	0	0	1	0	0	1	7		0	0	0	0	0	0	0	0	0	0		0
3	06:18:23	0	0	0	0	0	0	0	0	0	0	06:18:25	5	1	0	0	0	0	0	3	1	7		0	0	0	0	0	0	0	0	0	0		0
4	06:21:35	0	0	0	0	0	0	0	0	0	0	06:21:37	3	1	3	3	0	0	0	0	0	11		0	0	0	0	0	0	0	0	0	0		0
5	06:29:35	0	0	0	0	0	0	0	0	0	0	06:29:37	5	2	2	0	0	1	0	1	2	13		0	0	0	0	0	0	0	0	0	0		0
6	06:37:35	0	0	0	0	0	0	0	0	0	0	06:37:37	6	0	2	1	0	0	0	1	2	10		0	0	0	0	0	0	0	0	0	0		0
7	06:42:41	0	0	0	0	0	0	0	0	0	0	06:42:43	9	0	1	0	0	1	0	0	0	12		0	0	0	0	0	0	0	0	0	0		0
8	06:47:28	0	0	0	0	0	0	0	0	0	0	06:47:30	2	2	3	2	0	1	0	0	0	12		0	0	0	0	0	0	0	0	0	0		0
9	06:53:35	0	0	0	0	0	0	0	0	0	0	06:53:37	5	3	2	0	1	0	0	0	0	12		0	0	0	0	0	0	0	0	0	0		0
10	06:57:04	0	0	0	0	0	0	0	0	0	0	06:57:06	4	1	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:08	08:01:10	08:01:52	08:01:55	08:02:44	00:00:42	00:01:34	176	704
	2	08:04:19	08:04:21	08:05:04	08:05:07	08:05:55	00:00:43	00:01:34		
	3	08:07:31	08:07:33	08:08:16	08:08:19	08:09:07	00:00:43	00:01:34		
	4	08:10:43	08:10:45	08:11:28	08:11:31	08:12:19	00:00:43	00:01:34		
	5	08:13:55	08:13:57	08:14:40	08:14:43	08:15:31	00:00:42	00:01:34		
08:15 - 08:30	6	08:17:08	08:17:10	08:17:52	08:17:55	08:18:43	00:00:42	00:01:33	148	592
	7	08:20:19	08:20:21	08:21:04	08:21:07	08:21:56	00:00:43	00:01:35		
	8	08:23:31	08:23:33	08:24:16	08:24:19	08:25:07	00:00:43	00:01:34		
	9	08:25:07	08:25:09	08:25:52	08:25:55	08:26:43	00:00:43	00:01:34		
	10	08:28:19	08:28:21	08:29:04	08:29:07	08:29:55	00:00:43	00:01:34		
08:30 - 08:45	11	08:31:31	08:31:33	08:32:16	08:32:19	08:33:07	00:00:43	00:01:34	190	760
	12	08:34:43	08:34:45	08:35:28	08:35:31	08:36:19	00:00:43	00:01:34		
	13	08:37:55	08:37:57	08:38:40	08:38:43	08:39:31	00:00:43	00:01:34		
	14	08:41:07	08:41:09	08:41:52	08:41:55	08:42:43	00:00:43	00:01:34		
	15	08:42:43	08:42:45	08:43:28	08:43:31	08:44:20	00:00:43	00:01:35		
08:45 - 09:00	16	08:45:55	08:45:57	08:46:40	08:46:43	08:47:31	00:00:43	00:01:34	172	688
	17	08:49:07	08:49:09	08:49:52	08:49:55	08:50:43	00:00:43	00:01:34		
	18	08:52:19	08:52:21	08:53:04	08:53:07	08:53:55	00:00:43	00:01:34		
	19	08:55:31	08:55:33	08:56:16	08:56:19	08:57:07	00:00:43	00:01:34		
	20	08:58:43	08:58:45	08:59:28	08:59:31	09:00:02	00:00:43	00:01:17		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:18	17:00:20	17:01:03	17:01:06	17:01:54	00:00:43	00:01:34	153	612
	2	17:03:30	17:03:32	17:04:15	17:04:18	17:05:06	00:00:43	00:01:34		
	3	17:06:42	17:06:44	17:07:27	17:07:30	17:08:18	00:00:43	00:01:34		
	4	17:09:54	17:09:56	17:10:39	17:10:42	17:11:30	00:00:42	00:01:34		
	5	17:13:06	17:13:08	17:13:51	17:13:54	17:14:42	00:00:43	00:01:34		
17:15 - 17:30	6	17:16:18	17:16:20	17:17:03	17:17:06	17:17:54	00:00:43	00:01:34	142	568
	7	17:19:30	17:19:32	17:20:15	17:20:18	17:21:06	00:00:43	00:01:34		
	8	17:22:42	17:22:44	17:23:27	17:23:30	17:24:18	00:00:43	00:01:34		
	9	17:25:54	17:25:56	17:26:39	17:26:42	17:27:30	00:00:43	00:01:34		
	10	17:29:06	17:29:08	17:29:51	17:29:54	17:30:42	00:00:43	00:01:34		
17:30 - 17:45	11	17:32:18	17:32:20	17:33:03	17:33:06	17:33:54	00:00:43	00:01:34	172	688
	12	17:35:30	17:35:32	17:36:15	17:36:18	17:37:06	00:00:43	00:01:34		
	13	17:38:42	17:38:44	17:39:27	17:39:30	17:40:18	00:00:43	00:01:34		
	14	17:41:54	17:41:56	17:42:39	17:42:42	17:43:30	00:00:43	00:01:34		
	15	17:43:30	17:43:32	17:44:15	17:44:18	17:45:06	00:00:43	00:01:34		
17:45 - 18:00	16	17:46:42	17:46:44	17:47:27	17:47:30	17:48:18	00:00:43	00:01:34	168	672
	17	17:49:55	17:49:57	17:50:39	17:50:42	17:51:30	00:00:42	00:01:33		
	18	17:53:06	17:53:08	17:53:51	17:53:54	17:54:42	00:00:43	00:01:34		
	19	17:56:18	17:56:20	17:57:03	17:57:06	17:57:54	00:00:43	00:01:34		
	20	17:57:54	17:57:56	17:58:39	17:58:42	17:59:30	00:00:43	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	176	704	00:01:34	00:00:43	0	0.00%	
08:15 - 08:30	148	592	00:01:34	00:00:43	0	0.00%	
08:30 - 08:45	190	760	00:01:34	00:00:43	0	0.00%	Average
08:45 - 09:00	172	688	00:01:31	00:00:43	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	153	612	00:01:34	00:00:43	0	0.00%	
17:15 - 17:30	142	568	00:01:34	00:00:43	0	0.00%	
17:30 - 17:45	172	688	00:01:34	00:00:43	0	0.00%	Average
17:45 - 18:00	168	672	00:01:34	00:00:43	0	0.00%	0.00%

intelligentdata

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:37	0	0	0	0	0	0	0	0	0	0	06:06:40	0	0	0	0	0	0	0	0	0	0	06:07:11	00:01:34
0	0	0	0	0	0	0	0	0	06:11:25	0	0	0	0	0	0	0	0	0	0	06:11:28	0	0	0	0	0	0	0	0	0	0	06:12:00	00:01:35
0	0	0	0	0	0	0	0	0	06:19:25	0	0	0	0	0	0	0	0	0	0	06:19:28	0	0	0	0	0	0	0	0	0	0	06:19:59	00:01:34
0	0	0	0	0	0	0	0	0	06:22:37	0	0	0	1	0	0	0	0	0	1	06:22:40	0	0	0	0	0	0	0	0	0	0	06:23:11	00:01:34
0	0	0	0	0	0	0	0	0	06:30:37	1	0	0	0	0	0	0	0	0	1	06:30:40	1	0	0	0	0	0	0	0	0	1	06:31:28	00:01:51
0	0	0	0	0	0	0	0	0	06:38:37	0	0	0	0	0	0	0	0	0	0	06:38:40	0	0	0	0	0	0	0	0	0	0	06:39:11	00:01:34
0	0	0	0	0	0	0	0	0	06:43:26	0	0	0	0	0	0	0	0	0	0	06:43:29	0	0	0	0	0	0	0	0	0	0	06:44:29	00:01:46
0	0	0	0	0	0	0	0	0	06:48:12	0	1	0	0	0	0	0	0	0	1	06:48:15	0	0	0	0	0	0	0	0	0	0	06:48:47	00:01:17
0	0	0	0	0	0	0	0	0	06:54:37	1	0	1	0	0	0	0	0	0	2	06:54:40	0	0	0	0	0	1	0	0	0	2	06:55:11	00:01:34
0	0	0	0	0	0	0	0	0	06:57:49	1	0	0	0	0	0	0	0	0	1	06:57:52	0	0	0	0	0	0	0	0	0	0	06:58:23	00:01:17

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 28
Date of Survey: 12.06.2014
Junction Name: Euston Road / Hampstead Road / Tottenham Court Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.525096	-0.138263	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Layout of this junction has been updated since the above image.

Lane C1 is a contra-flow Bus/Cycle lane. Saturation Flow surveys were not completed here.

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:39	0	0	0	0	0	0	0	0	0	0	06:00:32	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:05:19	0	0	0	0	0	0	0	0	0	0	06:05:21	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
3	06:13:18	0	0	0	0	0	0	0	0	0	0	06:13:20	1	0	0	0	0	3	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:19:42	0	0	0	0	0	0	0	0	0	0	06:19:44	1	0	2	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:26:07	0	0	0	0	0	0	0	0	0	0	06:26:09	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:34:07	0	0	0	0	0	0	0	0	0	0	06:34:09	0	0	1	0	0	1	0	2	1	4		0	0	0	0	0	0	0	0	0	0		0
7	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:08	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:48:31	0	0	0	0	0	0	0	0	0	0	06:48:33	0	0	1	0	1	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:51:43	0	0	0	0	0	0	0	0	0	0	06:51:45	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:56:31	0	0	0	0	0	0	0	0	0	0	06:56:33	1	0	1	0	0	1	0	2	0	5		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:18	08:02:12	08:02:25	08:02:28	08:03:46	00:00:13	00:01:34	52	208
	2	08:05:22	08:05:24	08:05:37	08:05:40	08:06:58	00:00:13	00:01:34		
	3	08:08:34	08:08:36	08:08:49	08:08:52	08:10:10	00:00:13	00:01:34		
	4	08:10:10	08:10:12	08:10:25	08:10:28	08:11:46	00:00:13	00:01:34		
	5	08:11:46	08:11:48	08:12:01	08:12:04	08:13:22	00:00:13	00:01:34		
08:15 - 08:30	6	08:16:34	08:16:36	08:16:49	08:16:52	08:18:10	00:00:13	00:01:34	41	164
	7	08:19:46	08:19:48	08:20:01	08:20:04	08:21:22	00:00:13	00:01:34		
	8	08:22:58	08:23:00	08:23:13	08:23:16	08:24:34	00:00:13	00:01:34		
	9	08:26:10	08:26:12	08:26:25	08:26:28	08:27:46	00:00:13	00:01:34		
	10	08:29:22	08:29:24	08:29:37	08:29:40	08:30:58	00:00:13	00:01:34		
08:30 - 08:45	11	08:32:34	08:32:36	08:32:49	08:32:52	08:34:10	00:00:13	00:01:34	54	216
	12	08:35:46	08:35:48	08:36:01	08:36:04	08:37:22	00:00:13	00:01:34		
	13	08:38:58	08:39:00	08:39:13	08:39:16	08:40:34	00:00:13	00:01:34		
	14	08:42:10	08:42:12	08:42:25	08:42:28	08:43:46	00:00:13	00:01:34		
	15	08:43:46	08:43:48	08:44:01	08:44:04	08:45:22	00:00:13	00:01:34		
08:45 - 09:00	16	08:46:58	08:47:00	08:47:13	08:47:16	08:48:34	00:00:13	00:01:34	46	184
	17	08:50:10	08:50:12	08:50:25	08:50:28	08:51:46	00:00:13	00:01:34		
	18	08:53:22	08:53:24	08:53:37	08:53:40	08:54:58	00:00:13	00:01:34		
	19	08:56:34	08:56:36	08:56:49	08:56:52	08:58:10	00:00:13	00:01:34		
	20	08:59:47	08:59:49	09:00:02	09:00:05	09:01:22	00:00:13	00:01:33		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:24	17:01:26	17:01:39	17:01:42	17:03:00	00:00:13	00:01:34	40	160
	2	17:04:36	17:04:38	17:04:51	17:04:54	17:06:11	00:00:13	00:01:33		
	3	17:07:47	17:07:49	17:08:02	17:08:05	17:09:23	00:00:13	00:01:34		
	4	17:11:00	17:11:02	17:11:14	17:11:17	17:12:36	00:00:12	00:01:34		
	5	17:12:36	17:12:38	17:12:50	17:12:53	17:14:12	00:00:12	00:01:34		
17:15 - 17:30	6	17:15:48	17:15:50	17:16:03	17:16:06	17:17:23	00:00:13	00:01:33	32	128
	7	17:19:00	17:19:02	17:19:15	17:19:18	17:20:36	00:00:13	00:01:34		
	8	17:22:12	17:22:14	17:22:27	17:22:30	17:23:47	00:00:13	00:01:33		
	9	17:25:23	17:25:25	17:25:38	17:25:41	17:26:59	00:00:13	00:01:34		
	10	17:28:35	17:28:37	17:28:51	17:28:54	17:30:12	00:00:14	00:01:35		
17:30 - 17:45	11	17:31:48	17:31:50	17:32:02	17:32:05	17:33:23	00:00:12	00:01:33	42	168
	12	17:34:59	17:35:01	17:35:15	17:35:18	17:36:36	00:00:14	00:01:35		
	13	17:38:12	17:38:14	17:38:26	17:38:29	17:39:48	00:00:12	00:01:34		
	14	17:41:23	17:41:25	17:41:39	17:41:42	17:43:00	00:00:14	00:01:35		
	15	17:43:00	17:43:02	17:43:15	17:43:18	17:44:35	00:00:13	00:01:33		
17:45 - 18:00	16	17:46:12	17:46:14	17:46:26	17:46:29	17:47:48	00:00:12	00:01:34	47	188
	17	17:49:23	17:49:25	17:49:38	17:49:41	17:50:59	00:00:13	00:01:34		
	18	17:52:35	17:52:37	17:52:51	17:52:54	17:54:12	00:00:14	00:01:35		
	19	17:55:47	17:55:49	17:56:02	17:56:05	17:57:23	00:00:13	00:01:34		
	20	17:58:59	17:59:01	17:59:14	17:59:17	18:00:35	00:00:13	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	52	208	00:01:34	00:00:13	0	0.00%	
08:15 - 08:30	41	164	00:01:34	00:00:13	0	0.00%	
08:30 - 08:45	54	216	00:01:34	00:00:13	0	0.00%	Average
08:45 - 09:00	46	184	00:01:34	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	40	160	00:01:34	00:00:13	0	0.00%	
17:15 - 17:30	32	128	00:01:34	00:00:13	0	0.00%	
17:30 - 17:45	42	168	00:01:34	00:00:13	0	0.00%	Average
17:45 - 18:00	47	188	00:01:34	00:00:13	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:00:45	0	0	0	0	0	0	0	0	0	0	06:00:48	0	0	1	0	0	0	0	0	0	1	06:02:07	00:01:35
0	0	0	0	0	0	0	0	0	06:05:33	0	0	0	0	0	0	0	0	0	0	06:05:36	0	0	0	0	0	0	0	0	0	0	06:06:56	00:01:35
0	0	0	0	0	0	0	0	0	06:13:33	0	0	0	0	0	0	0	0	0	0	06:13:36	0	0	0	0	0	0	0	0	0	0	06:14:55	00:01:35
0	0	0	0	0	0	0	0	0	06:19:58	1	0	0	0	0	0	0	0	0	1	06:20:01	0	0	0	0	0	0	0	0	0	0	06:21:19	00:01:35
0	0	0	0	0	0	0	0	0	06:26:22	0	0	0	0	0	0	0	0	0	0	06:26:25	0	0	0	0	0	0	0	0	0	0	06:27:43	00:01:34
0	0	0	0	0	0	0	0	0	06:34:22	0	0	0	0	0	0	0	0	0	0	06:34:25	0	0	0	0	0	0	0	0	0	0	06:35:43	00:01:34
0	0	0	0	0	0	0	0	0	06:42:21	0	0	0	0	0	1	0	0	0	2	06:42:24	0	0	0	0	0	0	0	0	0	0	06:43:42	00:01:34
0	0	0	0	0	0	0	0	0	06:48:45	2	0	0	0	0	0	0	0	0	2	06:48:48	0	0	0	0	0	1	0	0	0	2	06:50:07	00:01:34
0	0	0	0	0	0	0	0	0	06:51:57	0	0	0	0	0	0	0	0	0	0	06:52:00	0	0	0	0	0	0	0	0	0	0	06:53:18	00:01:33
0	0	0	0	0	0	0	0	0	06:56:45	0	0	0	0	0	0	0	0	0	0	06:56:48	0	0	0	0	0	0	0	0	0	0	06:58:07	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:39	0	0	0	0	0	0	0	0	0	0	06:00:32	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
2	06:05:19	0	0	0	0	0	0	0	0	0	0	06:05:21	3	0	2	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:13:18	0	0	0	0	0	0	0	0	0	0	06:13:20	0	0	0	0	0	0	0	1	1	1		0	0	0	0	0	0	0	0	0	0		0
4	06:19:42	0	0	0	0	0	0	0	0	0	0	06:19:44	2	0	1	0	0	0	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:26:07	0	0	0	0	0	0	0	0	0	0	06:26:09	2	1	0	0	0	0	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:34:07	0	0	0	0	0	0	0	0	0	0	06:34:09	1	0	3	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
7	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:08	1	1	4	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:48:31	0	0	0	0	0	0	0	0	0	0	06:48:33	2	0	0	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:51:43	0	0	0	0	0	0	0	0	0	0	06:51:45	3	1	0	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:56:31	0	0	0	0	0	0	0	0	0	0	06:56:33	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:18	08:02:12	08:02:25	08:02:28	08:03:46	00:00:13	00:01:34	62	248
	2	08:05:22	08:05:24	08:05:37	08:05:40	08:06:58	00:00:13	00:01:34		
	3	08:08:34	08:08:36	08:08:49	08:08:52	08:10:10	00:00:13	00:01:34		
	4	08:10:10	08:10:12	08:10:25	08:10:28	08:11:46	00:00:13	00:01:34		
	5	08:11:46	08:11:48	08:12:01	08:12:04	08:13:22	00:00:13	00:01:34		
08:15 - 08:30	6	08:16:34	08:16:36	08:16:49	08:16:52	08:18:10	00:00:13	00:01:34	56	224
	7	08:19:46	08:19:48	08:20:01	08:20:04	08:21:22	00:00:13	00:01:34		
	8	08:22:58	08:23:00	08:23:13	08:23:16	08:24:34	00:00:13	00:01:34		
	9	08:26:10	08:26:12	08:26:25	08:26:28	08:27:46	00:00:13	00:01:34		
	10	08:29:22	08:29:24	08:29:37	08:29:40	08:30:58	00:00:13	00:01:34		
08:30 - 08:45	11	08:32:34	08:32:36	08:32:49	08:32:52	08:34:10	00:00:13	00:01:34	61	244
	12	08:35:46	08:35:48	08:36:01	08:36:04	08:37:22	00:00:13	00:01:34		
	13	08:38:58	08:39:00	08:39:13	08:39:16	08:40:34	00:00:13	00:01:34		
	14	08:42:10	08:42:12	08:42:25	08:42:28	08:43:46	00:00:13	00:01:34		
	15	08:43:46	08:43:48	08:44:01	08:44:04	08:45:22	00:00:13	00:01:34		
08:45 - 09:00	16	08:46:58	08:47:00	08:47:13	08:47:16	08:48:34	00:00:13	00:01:34	59	236
	17	08:50:10	08:50:12	08:50:25	08:50:28	08:51:46	00:00:13	00:01:34		
	18	08:53:22	08:53:24	08:53:37	08:53:40	08:54:58	00:00:13	00:01:34		
	19	08:56:34	08:56:36	08:56:49	08:56:52	08:58:10	00:00:13	00:01:34		
	20	08:59:47	08:59:49	09:00:02	09:00:05	09:01:22	00:00:13	00:01:33		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:24	17:01:26	17:01:39	17:01:42	17:03:00	00:00:13	00:01:34	46	184
	2	17:04:36	17:04:38	17:04:51	17:04:54	17:06:11	00:00:13	00:01:33		
	3	17:07:47	17:07:49	17:08:02	17:08:05	17:09:23	00:00:13	00:01:34		
	4	17:11:00	17:11:02	17:11:14	17:11:17	17:12:36	00:00:12	00:01:34		
	5	17:12:48	17:12:50	17:13:03	17:13:06	17:14:23	00:00:13	00:01:34		
17:15 - 17:30	6	17:15:48	17:15:50	17:16:03	17:16:06	17:17:23	00:00:13	00:01:33	42	168
	7	17:19:00	17:19:02	17:19:15	17:19:18	17:20:36	00:00:13	00:01:34		
	8	17:22:12	17:22:14	17:22:27	17:22:30	17:23:47	00:00:13	00:01:33		
	9	17:25:21	17:25:25	17:25:38	17:25:41	17:26:59	00:00:13	00:01:34		
	10	17:28:35	17:28:37	17:28:51	17:28:54	17:30:12	00:00:14	00:01:35		
17:30 - 17:45	11	17:31:48	17:31:50	17:32:02	17:32:05	17:33:23	00:00:12	00:01:33	39	156
	12	17:34:59	17:35:01	17:35:15	17:35:18	17:36:36	00:00:14	00:01:35		
	13	17:38:12	17:38:14	17:38:26	17:38:29	17:39:48	00:00:12	00:01:34		
	14	17:41:23	17:41:25	17:41:39	17:41:42	17:43:00	00:00:14	00:01:35		
	15	17:43:00	17:43:02	17:43:15	17:43:18	17:44:35	00:00:13	00:01:33		
17:45 - 18:00	16	17:46:12	17:46:14	17:46:26	17:46:29	17:47:48	00:00:12	00:01:34	47	188
	17	17:49:23	17:49:25	17:49:38	17:49:41	17:50:59	00:00:13	00:01:34		
	18	17:52:35	17:52:37	17:52:51	17:52:54	17:54:12	00:00:14	00:01:35		
	19	17:55:47	17:55:49	17:56:02	17:56:05	17:57:23	00:00:13	00:01:34		
	20	17:58:59	17:59:01	17:59:14	17:59:17	18:00:35	00:00:13	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	62	248	00:01:34	00:00:13	0	0.00%	
08:15 - 08:30	56	224	00:01:34	00:00:13	0	0.00%	
08:30 - 08:45	61	244	00:01:34	00:00:13	0	0.00%	Average
08:45 - 09:00	59	236	00:01:34	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	46	184	00:01:34	00:00:13	0	0.00%	
17:15 - 17:30	42	168	00:01:34	00:00:13	0	0.00%	
17:30 - 17:45	39	156	00:01:34	00:00:13	0	0.00%	Average
17:45 - 18:00	47	188	00:01:34	00:00:13	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:00:45	1	0	0	0	0	0	0	0	0	1	06:00:48	0	0	0	0	0	0	0	0	0	06:02:07	00:01:35
0	0	0	0	0	0	0	0	0	06:05:33	0	0	0	0	0	0	0	0	0	0	06:05:36	0	0	0	0	0	0	0	0	0	06:06:56	00:01:35
0	0	0	0	0	0	0	0	0	06:13:33	0	0	0	0	0	0	0	0	0	0	06:13:36	0	0	1	0	0	0	0	0	1	06:14:55	00:01:35
0	0	0	0	0	0	0	0	0	06:19:58	0	0	0	0	0	0	0	0	0	0	06:20:01	0	0	0	0	0	0	0	0	0	06:21:19	00:01:35
0	0	0	0	0	0	0	0	0	06:26:22	0	0	0	0	0	1	0	0	0	2	06:26:25	0	0	0	0	0	0	0	0	0	06:27:43	00:01:34
0	0	0	0	0	0	0	0	0	06:34:22	0	0	2	0	0	0	0	0	0	2	06:34:25	0	0	0	0	0	0	0	0	0	06:35:43	00:01:34
0	0	0	0	0	0	0	0	0	06:42:21	1	0	0	0	0	0	0	0	0	1	06:42:24	0	0	0	0	0	0	0	0	0	06:43:42	00:01:34
0	0	0	0	0	0	0	0	0	06:48:45	1	0	0	0	0	0	0	0	0	1	06:48:48	0	0	0	0	0	0	0	0	0	06:50:07	00:01:34
0	0	0	0	0	0	0	0	0	06:51:57	1	0	0	0	0	0	0	0	0	1	06:52:00	1	0	0	0	0	0	0	0	1	06:53:18	00:01:33
0	0	0	0	0	0	0	0	0	06:56:45	0	0	0	0	0	1	0	0	0	2	06:56:48	0	0	0	0	0	0	0	0	0	06:58:07	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:39	0	0	0	0	0	0	0	0	0	0	06:00:32	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:05:19	0	0	0	0	0	0	0	0	0	0	06:05:21	3	0	2	1	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
3	06:13:18	0	0	0	0	0	0	0	0	0	0	06:13:20	5	0	1	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
4	06:19:42	0	0	0	0	0	0	0	0	0	0	06:19:44	5	0	1	0	0	0	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
5	06:26:07	0	0	0	0	0	0	0	0	0	0	06:26:09	6	0	0	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
6	06:34:07	0	0	0	0	0	0	0	0	0	0	06:34:09	3	0	2	0	0	0	0	1	0	5		0	0	0	0	0	0	0	0	0	0		0
7	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:08	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
8	06:48:31	0	0	0	0	0	0	0	0	0	0	06:48:33	3	0	2	0	0	0	0	2	1	6		0	0	0	0	0	0	0	0	0	0		0
9	06:51:43	0	0	0	0	0	0	0	0	0	0	06:51:45	2	0	1	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
10	06:56:31	0	0	0	0	0	0	0	0	0	0	06:56:33	4	0	2	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:18	08:02:12	08:02:25	08:02:28	08:03:46	00:00:13	00:01:34	65	260
	2	08:05:22	08:05:24	08:05:37	08:05:40	08:06:58	00:00:13	00:01:34		
	3	08:08:34	08:08:36	08:08:49	08:08:52	08:10:10	00:00:13	00:01:34		
	4	08:10:10	08:10:12	08:10:25	08:10:28	08:11:46	00:00:13	00:01:34		
	5	08:11:46	08:11:48	08:12:01	08:12:04	08:13:22	00:00:13	00:01:34		
08:15 - 08:30	6	08:16:34	08:16:36	08:16:49	08:16:52	08:18:10	00:00:13	00:01:34	60	240
	7	08:19:46	08:19:48	08:20:01	08:20:04	08:21:22	00:00:13	00:01:34		
	8	08:22:58	08:23:00	08:23:13	08:23:16	08:24:34	00:00:13	00:01:34		
	9	08:26:10	08:26:12	08:26:25	08:26:28	08:27:46	00:00:13	00:01:34		
	10	08:29:22	08:29:24	08:29:37	08:29:40	08:30:58	00:00:13	00:01:34		
08:30 - 08:45	11	08:32:34	08:32:36	08:32:49	08:32:52	08:34:10	00:00:13	00:01:34	75	300
	12	08:35:46	08:35:48	08:36:01	08:36:04	08:37:22	00:00:13	00:01:34		
	13	08:38:58	08:39:00	08:39:13	08:39:16	08:40:34	00:00:13	00:01:34		
	14	08:42:10	08:42:12	08:42:25	08:42:28	08:43:46	00:00:13	00:01:34		
	15	08:43:46	08:43:48	08:44:01	08:44:04	08:45:22	00:00:13	00:01:34		
08:45 - 09:00	16	08:46:58	08:47:00	08:47:13	08:47:16	08:48:34	00:00:13	00:01:34	68	272
	17	08:50:10	08:50:12	08:50:25	08:50:28	08:51:46	00:00:13	00:01:34		
	18	08:53:22	08:53:24	08:53:37	08:53:40	08:54:58	00:00:13	00:01:34		
	19	08:56:34	08:56:36	08:56:49	08:56:52	08:58:10	00:00:13	00:01:34		
	20	08:59:47	08:59:49	09:00:02	09:00:05	09:01:22	00:00:13	00:01:33		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:24	17:01:26	17:01:39	17:01:42	17:03:00	00:00:13	00:01:34	53	212
	2	17:04:36	17:04:38	17:04:51	17:04:54	17:06:11	00:00:13	00:01:33		
	3	17:07:47	17:07:49	17:08:02	17:08:05	17:09:23	00:00:13	00:01:34		
	4	17:11:00	17:11:02	17:11:14	17:11:17	17:12:36	00:00:12	00:01:34		
	5	17:12:36	17:12:38	17:12:51	17:12:54	17:14:12	00:00:13	00:01:34		
17:15 - 17:30	6	17:15:48	17:15:50	17:16:03	17:16:06	17:17:23	00:00:13	00:01:33	58	232
	7	17:19:00	17:19:02	17:19:15	17:19:18	17:20:36	00:00:13	00:01:34		
	8	17:22:12	17:22:14	17:22:27	17:22:30	17:23:47	00:00:13	00:01:33		
	9	17:25:23	17:25:25	17:25:38	17:25:41	17:26:59	00:00:13	00:01:34		
	10	17:28:35	17:28:37	17:28:51	17:28:54	17:30:12	00:00:14	00:01:35		
17:30 - 17:45	11	17:31:48	17:31:50	17:32:02	17:32:05	17:33:23	00:00:12	00:01:33	54	216
	12	17:34:59	17:35:01	17:35:15	17:35:18	17:36:36	00:00:14	00:01:35		
	13	17:38:12	17:38:14	17:38:26	17:38:29	17:39:48	00:00:12	00:01:34		
	14	17:41:23	17:41:25	17:41:39	17:41:42	17:43:00	00:00:14	00:01:35		
	15	17:43:00	17:43:02	17:43:15	17:43:18	17:44:35	00:00:13	00:01:33		
17:45 - 18:00	16	17:46:12	17:46:14	17:46:26	17:46:29	17:47:48	00:00:12	00:01:34	54	216
	17	17:49:23	17:49:25	17:49:38	17:49:41	17:50:59	00:00:13	00:01:34		
	18	17:52:35	17:52:37	17:52:51	17:52:54	17:54:12	00:00:14	00:01:35		
	19	17:55:47	17:55:49	17:56:02	17:56:05	17:57:23	00:00:13	00:01:34		
	20	17:58:59	17:59:01	17:59:14	17:59:17	18:00:35	00:00:13	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	65	260	00:01:34	00:00:13	0	0.00%	
08:15 - 08:30	60	240	00:01:34	00:00:13	0	0.00%	
08:30 - 08:45	75	300	00:01:34	00:00:13	0	0.00%	Average
08:45 - 09:00	68	272	00:01:34	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	53	212	00:01:34	00:00:13	0	0.00%	
17:15 - 17:30	58	232	00:01:34	00:00:13	0	0.00%	
17:30 - 17:45	54	216	00:01:34	00:00:13	0	0.00%	Average
17:45 - 18:00	54	216	00:01:34	00:00:13	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:00:45	0	0	0	0	0	0	0	0	0	0	06:00:48	0	0	0	0	0	0	0	0	0	0	06:02:07	00:01:35
0	0	0	0	0	0	0	0	0	06:05:33	1	0	1	0	0	0	0	0	0	2	06:05:36	0	0	0	0	0	0	0	0	0	0	06:06:56	00:01:35
0	0	0	0	0	0	0	0	0	06:13:33	0	0	0	0	0	0	0	0	0	0	06:13:36	0	0	1	0	0	0	0	0	0	1	06:14:55	00:01:35
0	0	0	0	0	0	0	0	0	06:19:58	0	0	1	0	0	0	0	0	0	1	06:20:01	0	0	0	0	0	0	0	0	0	0	06:21:19	00:01:35
0	0	0	0	0	0	0	0	0	06:26:22	0	0	1	0	0	0	0	1	0	1	06:26:25	1	0	0	0	0	0	0	0	0	1	06:27:43	00:01:34
0	0	0	0	0	0	0	0	0	06:34:22	0	0	0	0	1	0	0	0	0	2	06:34:25	0	0	1	0	0	0	0	0	0	1	06:35:43	00:01:34
0	0	0	0	0	0	0	0	0	06:42:21	0	0	1	0	0	0	0	0	0	1	06:42:24	0	0	1	0	0	0	0	0	0	1	06:43:42	00:01:34
0	0	0	0	0	0	0	0	0	06:48:45	1	0	0	0	0	0	0	0	0	1	06:48:48	1	0	0	0	0	0	0	0	0	1	06:50:07	00:01:34
0	0	0	0	0	0	0	0	0	06:51:57	0	0	1	0	0	0	0	0	0	1	06:52:00	1	0	0	0	0	0	0	0	0	1	06:53:18	00:01:33
0	0	0	0	0	0	0	0	0	06:56:45	0	0	0	0	0	0	0	0	0	0	06:56:48	0	0	0	0	0	0	0	0	0	0	06:58:07	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:38	0	0	0	0	0	0	0	0	0	0	06:03:40	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:11:38	0	0	0	0	0	0	0	0	0	0	06:11:40	0	0	1	0	0	1	0	0	0	3	06:11:47	3	0	3	0	0	0	0	0	0	6	06:12:00	0
3	06:13:26	0	0	0	0	0	0	0	0	0	0	06:13:28	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:24:37	0	0	0	0	0	0	0	0	0	0	06:24:39	2	1	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:34:14	0	0	0	0	0	0	0	0	0	0	06:34:16	2	1	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
6	06:37:25	0	0	0	0	0	0	0	0	0	0	06:37:27	1	0	1	0	0	0	0	0	0	2	06:37:32	3	1	1	1	0	0	0	0	0	7	06:37:44	0
7	06:42:14	0	0	0	0	0	0	0	0	0	0	06:42:16	3	0	3	0	0	1	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
8	06:48:26	0	0	0	0	0	0	0	0	0	0	06:48:28	6	0	0	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
9	06:51:50	0	0	0	0	0	0	0	0	0	0	06:51:52	2	2	2	1	0	0	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
10	06:53:15	0	0	0	0	0	0	0	0	0	0	06:53:17	2	0	0	0	0	0	0	0	0	2	06:53:22	4	0	2	0	0	0	0	0	0	6	06:53:35	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:41	08:00:43	08:01:00	08:01:03	08:02:17	00:00:17	00:01:34		
2	08:03:52	08:03:54	08:04:12	08:04:15	08:05:29	00:00:18	00:01:35		
3	08:07:05	08:07:07	08:07:25	08:07:28	08:08:40	00:00:18	00:01:33	71	284
4	08:10:16	08:10:18	08:10:37	08:10:40	08:11:53	00:00:19	00:01:35		
5	08:13:29	08:13:31	08:13:49	08:13:52	08:15:05	00:00:18	00:01:34		
6	08:15:05	08:15:07	08:15:25	08:15:28	08:16:41	00:00:18	00:01:34		
7	08:18:17	08:18:19	08:18:37	08:18:40	08:19:53	00:00:18	00:01:34		
8	08:21:29	08:21:31	08:21:48	08:21:51	08:23:05	00:00:17	00:01:34	82	328
9	08:24:40	08:24:42	08:25:00	08:25:03	08:26:16	00:00:18	00:01:34		
10	08:27:53	08:27:55	08:28:12	08:28:15	08:29:28	00:00:17	00:01:34		
11	08:31:04	08:31:06	08:31:24	08:31:27	08:32:41	00:00:18	00:01:35		
12	08:34:16	08:34:18	08:34:37	08:34:40	08:35:52	00:00:19	00:01:34		
13	08:37:18	08:37:20	08:37:48	08:37:51	08:39:04	00:00:28	00:01:44	83	332
14	08:40:40	08:40:42	08:41:00	08:41:03	08:42:16	00:00:18	00:01:34		
15	08:43:53	08:43:55	08:44:12	08:44:15	08:45:28	00:00:17	00:01:33		
16	08:47:04	08:47:06	08:47:25	08:47:28	08:48:40	00:00:19	00:01:34		
17	08:50:16	08:50:18	08:50:37	08:50:40	08:51:52	00:00:19	00:01:34		
18	08:53:29	08:53:31	08:53:48	08:53:51	08:55:04	00:00:17	00:01:33		
19	08:56:40	08:56:42	08:57:00	08:57:03	08:58:16	00:00:18	00:01:34		
20	08:58:16	08:58:18	08:58:37	08:58:40	08:59:52	00:00:19	00:01:34		

08:00 - 08:15
08:15 - 08:30
08:30 - 08:45
08:45 - 09:00

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:01:29	17:01:31	17:01:49	17:01:52	17:03:05	00:00:18	00:01:36		
2	17:04:41	17:04:43	17:05:01	17:05:04	17:06:06	00:00:18	00:01:23		
3	17:07:53	17:07:55	17:08:13	17:08:16	17:09:29	00:00:18	00:01:34	116	464
4	17:10:54	17:10:56	17:11:25	17:11:28	17:12:30	00:00:29	00:01:34		
5	17:12:31	17:12:33	17:13:01	17:13:04	17:14:17	00:00:28	00:01:44		
6	17:15:53	17:15:55	17:16:13	17:16:16	17:17:18	00:00:18	00:01:23		
7	17:19:05	17:19:07	17:19:25	17:19:28	17:20:41	00:00:18	00:01:34		
8	17:22:17	17:22:19	17:22:37	17:22:40	17:23:53	00:00:18	00:01:34	97	388
9	17:25:29	17:25:31	17:25:49	17:25:52	17:26:54	00:00:18	00:01:23		
10	17:28:41	17:28:43	17:29:01	17:29:04	17:30:17	00:00:18	00:01:34		
11	17:31:53	17:31:55	17:32:13	17:32:16	17:33:18	00:00:18	00:01:23		
12	17:33:18	17:33:20	17:33:49	17:33:52	17:35:05	00:00:29	00:01:45		
13	17:36:41	17:36:43	17:37:01	17:37:04	17:38:17	00:00:18	00:01:34	97	388
14	17:39:53	17:39:55	17:40:13	17:40:16	17:41:29	00:00:18	00:01:34		
15	17:43:05	17:43:07	17:43:25	17:43:28	17:44:41	00:00:18	00:01:34		
16	17:46:17	17:46:19	17:46:37	17:46:40	17:47:53	00:00:18	00:01:34		
17	17:49:29	17:49:31	17:49:49	17:49:52	17:51:05	00:00:18	00:01:34		
18	17:52:41	17:52:43	17:53:01	17:53:04	17:54:17	00:00:18	00:01:34	88	352
19	17:55:42	17:55:44	17:56:11	17:56:16	17:57:29	00:00:29	00:01:45		
20	17:59:05	17:59:07	17:59:25	17:59:28	18:00:41	00:00:18	00:01:34		

17:00 - 17:15
17:15 - 17:30
17:30 - 17:45
17:45 - 18:00

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
6	00:00:13	1662	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
7	00:00:12	1950	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
6	00:00:13	1662	1758

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	71	284	00:01:34	00:00:18	1758	94.56%	
08:15 - 08:30	82	328	00:01:34	00:00:18	1758	99.67%	
08:30 - 08:45	83	332	00:01:36	00:00:20	1758	92.66%	Average
08:45 - 09:00	83	332	00:01:34	00:00:18	1758	96.29%	92.79%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	116	464	00:01:34	00:00:22	1758	111.54%	
17:15 - 17:30	97	388	00:01:30	00:00:18	1758	109.88%	
17:30 - 17:45	97	388	00:01:34	00:00:20	1758	102.72%	Average
17:45 - 18:00	88	352	00:01:36	00:00:20	1758	95.37%	104.88%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:08	0	0	0	0	0	0	0	0	0	0	06:04:11	0	0	0	0	0	0	0	0	0	0	06:05:13	00:01:33
0	0	0	0	0	0	0	0	0	06:12:09	0	0	0	0	0	0	0	0	0	0	06:12:12	0	0	0	0	0	0	0	0	0	0	06:13:25	00:01:45
0	0	0	0	0	0	0	0	0	06:13:44	0	0	0	0	0	0	0	0	0	0	06:13:47	0	0	0	0	0	0	0	0	0	0	06:15:01	00:01:33
0	0	0	0	0	0	0	0	0	06:24:57	0	0	0	0	0	0	0	0	0	0	06:25:00	0	0	0	0	0	0	0	0	0	0	06:26:13	00:01:34
0	0	0	0	0	0	0	0	0	06:34:33	0	0	0	0	0	0	0	0	0	0	06:34:36	0	0	0	0	0	0	0	0	0	0	06:35:38	00:01:22
0	0	0	0	0	0	0	0	0	06:37:45	0	0	0	0	0	0	0	0	0	0	06:37:48	0	0	0	0	0	0	0	0	0	0	06:39:02	00:01:35
0	0	0	0	0	0	0	0	0	06:42:32	0	1	0	0	0	0	0	0	0	1	06:42:35	0	0	0	0	0	0	0	0	0	0	06:43:38	00:01:22
0	0	0	0	0	0	0	0	0	06:48:56	1	0	0	0	0	0	0	0	0	1	06:48:59	0	0	0	0	0	0	0	0	0	0	06:50:13	00:01:45
0	0	0	0	0	0	0	0	0	06:52:09	1	0	0	0	0	0	0	0	0	1	06:52:12	0	0	0	0	0	0	0	0	0	0	06:53:14	00:01:22
0	0	0	0	0	0	0	1	0	06:53:45	0	0	0	0	0	0	0	0	0	0	06:53:48	0	0	0	0	0	0	0	0	0	0	06:54:50	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:38	0	0	0	0	0	0	0	0	0	0	06:03:40	0	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:11:38	0	0	0	0	0	0	0	0	0	0	06:11:40	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:13:26	0	0	0	0	0	0	0	0	0	0	06:13:28	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:24:37	0	0	0	0	0	0	0	0	0	0	06:24:39	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:34:14	0	0	0	0	0	0	0	0	0	0	06:34:16	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
6	06:37:25	0	0	0	0	0	0	0	0	0	0	06:37:27	1	0	1	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
7	06:42:14	0	0	0	0	0	0	0	0	0	0	06:42:16	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:48:26	0	0	0	0	0	0	0	0	0	0	06:48:28	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:51:50	0	0	0	0	0	0	0	0	0	0	06:51:52	1	0	2	1	0	0	0	1	0	5		0	0	0	0	0	0	0	0	0	0		0
10	06:53:15	0	0	0	0	0	0	0	0	0	0	06:53:17	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:41	08:00:43	08:01:00	08:01:03	08:02:17	00:00:17	00:01:34	49	196
	2	08:03:52	08:03:54	08:04:12	08:04:15	08:05:29	00:00:18	00:01:35		
	3	08:07:05	08:07:07	08:07:25	08:07:28	08:08:40	00:00:16	00:01:33		
	4	08:10:16	08:10:18	08:10:37	08:10:40	08:11:53	00:00:19	00:01:35		
	5	08:13:26	08:13:31	08:13:49	08:13:52	08:15:05	00:00:18	00:01:34		
08:15 - 08:30	6	08:15:05	08:15:07	08:15:25	08:15:28	08:16:41	00:00:18	00:01:34	66	264
	7	08:18:17	08:18:19	08:18:37	08:18:40	08:19:53	00:00:18	00:01:34		
	8	08:21:29	08:21:31	08:21:48	08:21:51	08:23:05	00:00:17	00:01:34		
	9	08:24:40	08:24:42	08:25:00	08:25:03	08:26:16	00:00:18	00:01:34		
	10	08:27:51	08:27:55	08:28:12	08:28:15	08:29:29	00:00:17	00:01:34		
08:30 - 08:45	11	08:31:04	08:31:06	08:31:24	08:31:27	08:32:41	00:00:18	00:01:35	58	232
	12	08:34:16	08:34:18	08:34:37	08:34:40	08:35:52	00:00:19	00:01:34		
	13	08:37:18	08:37:20	08:37:48	08:37:51	08:39:04	00:00:28	00:01:44		
	14	08:40:40	08:40:42	08:41:00	08:41:03	08:42:16	00:00:18	00:01:34		
	15	08:43:53	08:43:55	08:44:12	08:44:15	08:45:28	00:00:17	00:01:33		
08:45 - 09:00	16	08:47:04	08:47:06	08:47:25	08:47:28	08:48:40	00:00:19	00:01:34	75	300
	17	08:50:16	08:50:18	08:50:37	08:50:40	08:51:52	00:00:19	00:01:34		
	18	08:53:29	08:53:31	08:53:48	08:53:51	08:55:04	00:00:17	00:01:33		
	19	08:56:40	08:56:42	08:57:00	08:57:03	08:58:16	00:00:18	00:01:34		
	20	08:58:16	08:58:18	08:58:37	08:58:40	08:59:52	00:00:19	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:29	17:01:31	17:01:49	17:01:52	17:03:05	00:00:18	00:01:34	95	380
	2	17:04:41	17:04:43	17:05:01	17:05:04	17:06:06	00:00:18	00:01:23		
	3	17:07:53	17:07:55	17:08:13	17:08:16	17:09:29	00:00:18	00:01:34		
	4	17:10:54	17:10:56	17:11:25	17:11:28	17:12:30	00:00:29	00:01:34		
	5	17:13:53	17:13:55	17:14:01	17:14:04	17:15:17	00:00:06	00:01:24		
17:15 - 17:30	6	17:15:53	17:15:55	17:16:13	17:16:16	17:17:18	00:00:18	00:01:23	77	308
	7	17:19:05	17:19:07	17:19:25	17:19:28	17:20:41	00:00:18	00:01:34		
	8	17:22:17	17:22:19	17:22:37	17:22:40	17:23:53	00:00:18	00:01:34		
	9	17:25:28	17:25:31	17:25:49	17:25:52	17:26:54	00:00:18	00:01:23		
	10	17:28:41	17:28:43	17:29:01	17:29:04	17:30:17	00:00:18	00:01:34		
17:30 - 17:45	11	17:31:53	17:31:55	17:32:13	17:32:16	17:33:18	00:00:18	00:01:23	92	368
	12	17:33:18	17:33:20	17:33:49	17:33:52	17:35:05	00:00:29	00:01:45		
	13	17:36:41	17:36:43	17:37:01	17:37:04	17:38:17	00:00:18	00:01:34		
	14	17:39:53	17:39:55	17:40:13	17:40:16	17:41:29	00:00:18	00:01:34		
	15	17:43:05	17:43:07	17:43:25	17:43:28	17:44:41	00:00:18	00:01:34		
17:45 - 18:00	16	17:46:17	17:46:19	17:46:37	17:46:40	17:47:53	00:00:18	00:01:34	87	348
	17	17:49:29	17:49:31	17:49:49	17:49:52	17:51:05	00:00:18	00:01:34		
	18	17:52:41	17:52:43	17:53:01	17:53:04	17:54:17	00:00:18	00:01:34		
	19	17:55:42	17:55:44	17:56:13	17:56:16	17:57:29	00:00:29	00:01:45		
	20	17:59:05	17:59:07	17:59:25	17:59:28	18:00:41	00:00:18	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	49	196	00:01:34	00:00:18	0	0.00%	
08:15 - 08:30	66	264	00:01:34	00:00:18	0	0.00%	
08:30 - 08:45	58	232	00:01:36	00:00:20	0	0.00%	Average
08:45 - 09:00	75	300	00:01:34	00:00:18	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	95	380	00:01:34	00:00:22	0	0.00%	
17:15 - 17:30	77	308	00:01:30	00:00:18	0	0.00%	
17:30 - 17:45	92	368	00:01:34	00:00:20	0	0.00%	Average
17:45 - 18:00	87	348	00:01:36	00:00:20	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:08	1	0	0	0	0	0	0	0	0	1	06:04:11	0	0	0	0	0	0	0	0	0	0	06:05:13	00:01:33
0	0	0	0	0	0	0	0	0	06:12:09	0	0	0	0	0	0	0	0	0	0	06:12:12	0	0	0	0	0	0	0	0	0	0	06:13:25	00:01:45
0	0	0	0	0	0	0	0	0	06:13:44	0	0	0	0	0	0	0	0	0	0	06:13:47	0	0	0	0	0	0	0	0	0	0	06:15:01	00:01:33
0	0	0	0	0	0	0	0	0	06:24:57	0	0	0	0	0	0	0	0	0	0	06:25:00	0	0	0	0	0	0	0	0	0	0	06:26:13	00:01:34
0	0	0	0	0	0	0	0	0	06:34:33	0	0	0	0	0	0	0	0	0	0	06:34:36	0	0	0	0	0	0	0	0	0	0	06:35:38	00:01:22
0	0	0	0	0	0	0	0	0	06:37:45	0	0	1	0	0	0	0	0	0	1	06:37:48	0	0	0	0	0	0	0	0	0	0	06:39:02	00:01:35
0	0	0	0	0	0	0	0	0	06:42:32	0	0	0	0	0	0	0	0	0	0	06:42:35	0	0	0	0	0	0	0	0	0	0	06:43:38	00:01:22
0	0	0	0	0	0	0	0	0	06:48:56	1	0	0	0	0	0	0	0	0	1	06:48:59	0	0	0	0	0	0	0	0	0	0	06:50:13	00:01:45
0	0	0	0	0	0	0	0	0	06:52:09	0	0	0	0	0	0	0	0	0	0	06:52:12	0	0	0	0	0	0	0	0	0	0	06:53:14	00:01:22
0	0	0	0	0	0	0	0	0	06:53:45	0	0	0	0	0	0	0	0	0	0	06:53:48	0	0	0	0	0	0	0	0	0	0	06:54:50	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:38	0	0	0	0	0	0	0	0	0	0	06:03:40	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:11:38	0	0	0	0	0	0	0	0	0	0	06:11:40	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
3	06:13:26	0	0	0	0	0	0	0	0	0	0	06:13:28	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:24:37	0	0	0	0	0	0	0	0	0	0	06:24:39	1	2	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:34:14	0	0	0	0	0	0	0	0	0	0	06:34:16	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:37:25	0	0	0	0	0	0	0	0	0	0	06:37:27	0	0	1	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:42:14	0	0	0	0	0	0	0	0	0	0	06:42:16	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:48:26	0	0	0	0	0	0	0	0	0	0	06:48:28	3	1	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:51:50	0	0	0	0	0	0	0	0	0	0	06:51:52	1	1	2	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
10	06:53:15	0	0	0	0	0	0	0	0	0	0	06:53:17	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:41	08:00:43	08:01:00	08:01:03	08:02:17	00:00:17	00:01:34	58	232
	2	08:03:52	08:03:54	08:04:12	08:04:15	08:05:29	00:00:18	00:01:35		
	3	08:07:05	08:07:07	08:07:25	08:07:28	08:08:40	00:00:18	00:01:33		
	4	08:10:16	08:10:18	08:10:37	08:10:40	08:11:53	00:00:19	00:01:35		
	5	08:13:26	08:13:31	08:13:49	08:13:52	08:15:05	00:00:18	00:01:34		
08:15 - 08:30	6	08:15:05	08:15:07	08:15:25	08:15:28	08:16:41	00:00:18	00:01:34	69	276
	7	08:18:17	08:18:19	08:18:37	08:18:40	08:19:53	00:00:18	00:01:34		
	8	08:21:28	08:21:31	08:21:48	08:21:51	08:23:05	00:00:17	00:01:34		
	9	08:24:40	08:24:42	08:25:00	08:25:03	08:26:16	00:00:18	00:01:34		
	10	08:27:51	08:27:55	08:28:12	08:28:15	08:29:29	00:00:17	00:01:34		
08:30 - 08:45	11	08:31:04	08:31:06	08:31:24	08:31:27	08:32:41	00:00:18	00:01:35	49	196
	12	08:34:16	08:34:18	08:34:37	08:34:40	08:35:52	00:00:19	00:01:34		
	13	08:37:18	08:37:20	08:37:48	08:37:51	08:39:04	00:00:28	00:01:44		
	14	08:40:40	08:40:42	08:41:00	08:41:03	08:42:16	00:00:18	00:01:34		
	15	08:43:53	08:43:55	08:44:12	08:44:15	08:45:28	00:00:17	00:01:33		
08:45 - 09:00	16	08:47:04	08:47:06	08:47:25	08:47:28	08:48:40	00:00:19	00:01:34	68	272
	17	08:50:16	08:50:18	08:50:37	08:50:40	08:51:52	00:00:19	00:01:34		
	18	08:53:29	08:53:31	08:53:48	08:53:51	08:55:04	00:00:17	00:01:33		
	19	08:56:40	08:56:42	08:57:00	08:57:03	08:58:16	00:00:18	00:01:34		
	20	08:58:16	08:58:18	08:58:37	08:58:40	08:59:52	00:00:19	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:29	17:01:31	17:01:49	17:01:52	17:03:05	00:00:18	00:01:34	81	324
	2	17:04:41	17:04:43	17:05:01	17:05:04	17:06:06	00:00:18	00:01:23		
	3	17:07:53	17:07:55	17:08:13	17:08:16	17:09:29	00:00:18	00:01:34		
	4	17:10:54	17:10:56	17:11:25	17:11:28	17:12:30	00:00:29	00:01:34		
	5	17:13:53	17:13:55	17:14:01	17:14:04	17:15:17	00:00:06	00:01:24		
17:15 - 17:30	6	17:15:53	17:15:55	17:16:13	17:16:16	17:17:18	00:00:18	00:01:23	89	356
	7	17:19:05	17:19:07	17:19:25	17:19:28	17:20:41	00:00:18	00:01:34		
	8	17:22:17	17:22:19	17:22:37	17:22:40	17:23:53	00:00:18	00:01:34		
	9	17:25:28	17:25:31	17:25:49	17:25:52	17:26:54	00:00:18	00:01:23		
	10	17:28:41	17:28:43	17:29:01	17:29:04	17:30:17	00:00:18	00:01:34		
17:30 - 17:45	11	17:31:53	17:31:55	17:32:13	17:32:16	17:33:18	00:00:18	00:01:23	86	344
	12	17:33:18	17:33:20	17:33:49	17:33:52	17:35:05	00:00:29	00:01:45		
	13	17:36:41	17:36:43	17:37:01	17:37:04	17:38:17	00:00:18	00:01:34		
	14	17:39:53	17:39:55	17:40:13	17:40:16	17:41:29	00:00:18	00:01:34		
	15	17:43:05	17:43:07	17:43:25	17:43:28	17:44:41	00:00:18	00:01:34		
17:45 - 18:00	16	17:46:17	17:46:19	17:46:37	17:46:40	17:47:53	00:00:18	00:01:34	80	320
	17	17:49:29	17:49:31	17:49:49	17:49:52	17:51:05	00:00:18	00:01:34		
	18	17:52:41	17:52:43	17:53:01	17:53:04	17:54:17	00:00:18	00:01:34		
	19	17:55:42	17:55:44	17:56:13	17:56:16	17:57:29	00:00:29	00:01:45		
	20	17:59:05	17:59:07	17:59:25	17:59:28	18:00:41	00:00:18	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	58	232	00:01:34	00:00:18	0	0.00%	
08:15 - 08:30	69	276	00:01:34	00:00:18	0	0.00%	
08:30 - 08:45	49	196	00:01:36	00:00:20	0	0.00%	Average
08:45 - 09:00	68	272	00:01:34	00:00:18	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	81	324	00:01:34	00:00:22	0	0.00%	
17:15 - 17:30	89	356	00:01:30	00:00:18	0	0.00%	
17:30 - 17:45	86	344	00:01:34	00:00:20	0	0.00%	Average
17:45 - 18:00	80	320	00:01:36	00:00:20	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:08	0	0	0	0	0	0	0	0	0	0	06:04:11	0	0	0	0	0	0	0	0	0	0	06:05:13	00:01:33
0	0	0	0	0	0	0	0	0	06:12:09	1	0	0	0	0	0	0	0	0	1	06:12:12	0	0	0	0	0	0	0	0	0	0	06:13:25	00:01:45
0	0	0	0	0	0	0	0	0	06:13:44	0	0	0	0	0	0	0	0	0	0	06:13:47	0	0	0	0	0	0	0	0	0	0	06:15:01	00:01:33
0	0	0	0	0	0	0	0	0	06:24:57	0	0	0	0	0	0	0	0	0	0	06:25:00	0	0	0	0	0	0	0	0	0	0	06:26:13	00:01:34
0	0	0	0	0	0	0	0	0	06:34:33	0	0	0	0	0	0	0	0	0	0	06:34:36	0	0	0	0	0	0	0	0	0	0	06:35:38	00:01:22
0	0	0	0	0	0	0	0	0	06:37:45	0	1	0	0	0	0	0	0	0	1	06:37:48	0	0	0	0	0	0	0	0	0	0	06:39:02	00:01:35
0	0	0	0	0	0	0	0	0	06:42:32	0	0	0	0	0	0	0	0	0	0	06:42:35	0	0	0	0	0	0	0	0	0	0	06:43:38	00:01:22
0	0	0	0	0	0	0	0	0	06:48:56	0	0	0	0	0	0	0	0	0	0	06:48:59	0	0	0	0	0	0	0	0	0	0	06:50:13	00:01:45
0	0	0	0	0	0	0	0	0	06:52:09	0	0	0	0	0	0	0	0	0	0	06:52:12	0	0	0	0	0	0	0	0	0	0	06:53:14	00:01:22
0	0	0	0	0	0	0	0	0	06:53:45	0	1	0	0	0	0	0	0	0	1	06:53:48	0	0	0	0	0	0	0	0	0	0	06:54:50	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:29	0	0	0	0	0	0	0	0	0	0	06:01:31	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:14:16	0	0	0	0	0	0	0	0	0	0	06:14:18	2	0	1	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:22:17	0	0	0	0	0	0	0	0	0	0	06:22:19	2	0	0	0	0	3	0	1	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:25:30	0	0	0	0	0	0	0	0	0	0	06:25:32	1	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:35:05	0	0	0	0	0	0	0	0	0	0	06:35:07	1	0	0	0	1	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:38:17	0	0	0	0	0	0	0	0	0	0	06:38:19	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:44:41	0	0	0	0	0	0	0	0	0	0	06:44:43	2	1	1	0	0	0	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0
8	06:47:53	0	0	0	0	0	0	0	0	0	0	06:47:55	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:49:29	0	0	0	0	0	0	0	0	0	0	06:49:31	4	0	0	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
10	06:57:29	0	0	0	0	0	0	0	0	0	0	06:57:31	1	0	0	0	0	0	0	0	1	1		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:31	08:01:35	08:02:06	08:02:09	08:03:08	00:00:31	00:01:33	36	144
	2	08:04:44	08:04:46	08:05:18	08:05:21	08:06:20	00:00:32	00:01:34		
	3	08:07:56	08:07:58	08:08:30	08:08:33	08:09:33	00:00:32	00:01:35		
	4	08:11:08	08:11:10	08:11:42	08:11:45	08:12:45	00:00:32	00:01:35		
	5	08:14:21	08:14:23	08:14:54	08:14:57	08:15:57	00:00:31	00:01:34		
08:15 - 08:30	6	08:17:32	08:17:34	08:18:06	08:18:09	08:19:08	00:00:32	00:01:34	27	108
	7	08:20:45	08:20:47	08:21:18	08:21:21	08:22:21	00:00:31	00:01:34		
	8	08:23:56	08:23:58	08:25:29	08:25:32	08:25:33	00:00:31	00:01:35		
	9	08:27:09	08:27:11	08:27:41	08:27:44	08:28:45	00:00:30	00:01:34		
	10	08:28:45	08:28:47	08:29:17	08:29:20	08:30:20	00:00:30	00:01:33		
08:30 - 08:45	11	08:31:57	08:31:59	08:32:30	08:32:33	08:33:33	00:00:31	00:01:34	33	132
	12	08:35:08	08:35:10	08:35:41	08:35:44	08:36:45	00:00:31	00:01:35		
	13	08:38:20	08:38:22	08:38:53	08:38:56	08:39:57	00:00:31	00:01:35		
	14	08:41:32	08:41:34	08:42:06	08:42:09	08:43:09	00:00:32	00:01:35		
	15	08:43:09	08:43:11	08:43:42	08:43:45	08:44:45	00:00:31	00:01:34		
	16	08:46:20	08:46:22	08:46:53	08:46:56	08:47:56	00:00:31	00:01:34		
08:45 - 09:00	17	08:49:33	08:49:35	08:50:06	08:50:09	08:51:09	00:00:31	00:01:34	33	132
	18	08:52:45	08:52:47	08:53:18	08:53:21	08:54:20	00:00:31	00:01:33		
	19	08:55:56	08:55:58	08:56:30	08:56:33	08:57:32	00:00:32	00:01:34		
	20	08:57:32	08:57:34	08:58:06	08:58:09	08:59:08	00:00:32	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:48	17:00:48	17:01:19	17:01:22	17:02:22	00:00:31	00:01:34	65	260
	2	17:03:58	17:04:00	17:04:31	17:04:34	17:05:34	00:00:31	00:01:34		
	3	17:07:10	17:07:12	17:07:43	17:07:46	17:08:47	00:00:31	00:01:35		
	4	17:08:46	17:08:48	17:09:19	17:09:22	17:10:22	00:00:31	00:01:34		
	5	17:11:59	17:12:01	17:12:32	17:12:35	17:13:34	00:00:30	00:01:33		
17:15 - 17:30	6	17:15:10	17:15:12	17:15:43	17:15:46	17:16:46	00:00:31	00:01:34	75	300
	7	17:18:22	17:18:24	17:18:55	17:18:58	17:19:58	00:00:31	00:01:34		
	8	17:21:34	17:21:36	17:22:07	17:22:10	17:23:10	00:00:31	00:01:34		
	9	17:24:46	17:24:48	17:25:19	17:25:22	17:26:22	00:00:31	00:01:34		
	10	17:27:58	17:28:00	17:28:31	17:28:34	17:29:34	00:00:31	00:01:34		
17:30 - 17:45	11	17:31:10	17:31:12	17:31:43	17:31:46	17:32:47	00:00:31	00:01:35	74	296
	12	17:34:22	17:34:24	17:34:55	17:34:58	17:35:58	00:00:31	00:01:34		
	13	17:37:34	17:37:36	17:38:07	17:38:10	17:39:10	00:00:31	00:01:34		
	14	17:40:46	17:40:48	17:41:19	17:41:22	17:42:23	00:00:31	00:01:35		
	15	17:43:58	17:44:00	17:44:31	17:44:34	17:45:34	00:00:31	00:01:34		
17:45 - 18:00	16	17:47:11	17:47:13	17:47:43	17:47:46	17:48:46	00:00:30	00:01:33	74	296
	17	17:50:22	17:50:24	17:50:55	17:50:58	17:51:58	00:00:31	00:01:34		
	18	17:53:34	17:53:36	17:54:07	17:54:10	17:55:10	00:00:31	00:01:34		
	19	17:56:46	17:56:48	17:57:19	17:57:22	17:58:22	00:00:31	00:01:34		
	20	17:58:22	17:58:24	17:58:55	17:58:58	17:59:58	00:00:31	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	36	144	00:01:34	00:00:32	0	0.00%	
08:15 - 08:30	27	108	00:01:34	00:00:31	0	0.00%	
08:30 - 08:45	33	132	00:01:35	00:00:31	0	0.00%	Average
08:45 - 09:00	33	132	00:01:34	00:00:31	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	65	260	00:01:34	00:00:29	0	0.00%	
17:15 - 17:30	75	300	00:01:34	00:00:31	0	0.00%	
17:30 - 17:45	74	296	00:01:34	00:00:31	0	0.00%	Average
17:45 - 18:00	74	296	00:01:34	00:00:31	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:51	0	0	0	0	0	0	0	0	0	0	06:01:54	0	0	0	0	0	0	0	0	0	0	06:03:06	00:01:35
0	0	0	0	0	0	0	0	0	06:14:50	0	0	0	0	0	0	0	0	0	0	06:14:53	0	0	0	0	0	0	0	0	0	0	06:15:52	00:01:34
0	0	0	0	0	0	0	0	0	06:22:49	0	0	0	0	0	0	0	0	0	0	06:22:52	0	0	0	0	0	0	0	0	0	0	06:23:52	00:01:33
0	0	0	0	0	0	0	0	0	06:26:02	0	0	0	0	0	0	0	0	0	0	06:26:05	0	0	0	0	0	0	0	0	0	0	06:27:05	00:01:33
0	0	0	0	0	0	0	0	0	06:35:27	0	0	0	0	0	0	0	1	0	0	06:35:30	0	0	0	0	0	0	0	0	0	0	06:36:42	00:01:35
0	0	0	0	0	0	0	0	0	06:38:50	0	0	0	0	0	0	0	0	0	0	06:38:53	0	0	0	0	0	0	0	0	0	0	06:39:53	00:01:34
0	0	0	0	0	0	0	0	0	06:45:14	0	0	0	0	0	0	0	0	0	0	06:45:17	0	0	0	0	0	0	0	0	0	0	06:46:17	00:01:34
0	0	0	0	0	0	0	0	0	06:48:15	0	0	0	0	0	0	0	0	0	0	06:48:18	0	0	0	0	0	0	0	0	0	0	06:49:30	00:01:35
0	0	0	0	0	0	0	0	0	06:50:02	0	0	0	0	0	0	0	0	0	0	06:50:05	0	0	0	0	0	0	0	0	0	0	06:51:05	00:01:34
0	0	0	0	0	0	0	0	0	06:58:02	0	0	0	0	0	0	0	0	0	0	06:58:05	0	0	0	0	0	0	0	0	0	0	06:59:06	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:29	0	0	0	0	0	0	0	0	0	0	06:01:31	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:14:16	0	0	0	0	0	0	0	0	0	0	06:14:18	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:22:17	0	0	0	0	0	0	0	0	0	0	06:22:19	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:25:30	0	0	0	0	0	0	0	0	0	0	06:25:32	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:35:05	0	0	0	0	0	0	0	0	0	0	06:35:07	0	0	0	0	0	1	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:38:17	0	0	0	0	0	0	0	0	0	0	06:38:19	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
7	06:44:41	0	0	0	0	0	0	0	0	0	0	06:44:43	0	0	0	0	0	0	0	3	1	1		0	0	0	0	0	0	0	0	0	0		0
8	06:47:53	0	0	0	0	0	0	0	0	0	0	06:47:55	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:49:29	0	0	0	0	0	0	0	0	0	0	06:49:31	1	0	0	0	1	0	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
10	06:57:29	0	0	0	0	0	0	0	0	0	0	06:57:31	0	2	0	0	0	1	0	1	3	5		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:31	08:01:35	08:02:06	08:02:09	08:03:08	00:00:31	00:01:33	41	164
	2	08:04:44	08:04:46	08:05:18	08:05:21	08:06:20	00:00:32	00:01:34		
	3	08:07:56	08:07:58	08:08:30	08:08:33	08:09:33	00:00:32	00:01:35		
	4	08:11:08	08:11:10	08:11:42	08:11:45	08:12:45	00:00:32	00:01:35		
	5	08:14:21	08:14:23	08:14:54	08:14:57	08:15:57	00:00:31	00:01:34		
08:15 - 08:30	6	08:17:32	08:17:34	08:18:06	08:18:09	08:19:08	00:00:32	00:01:34	47	188
	7	08:20:45	08:20:47	08:21:18	08:21:21	08:22:21	00:00:31	00:01:34		
	8	08:23:56	08:23:58	08:24:29	08:24:32	08:25:33	00:00:31	00:01:35		
	9	08:27:09	08:27:11	08:27:41	08:27:44	08:28:45	00:00:30	00:01:34		
	10	08:28:45	08:28:47	08:29:17	08:29:20	08:30:20	00:00:30	00:01:33		
08:30 - 08:45	11	08:31:57	08:31:59	08:32:30	08:32:33	08:33:33	00:00:31	00:01:34	50	200
	12	08:35:08	08:35:10	08:35:41	08:35:44	08:36:45	00:00:31	00:01:35		
	13	08:38:20	08:38:22	08:38:53	08:38:56	08:39:57	00:00:31	00:01:35		
	14	08:41:32	08:41:34	08:42:06	08:42:09	08:43:09	00:00:32	00:01:35		
	15	08:43:09	08:43:11	08:43:42	08:43:45	08:44:45	00:00:31	00:01:34		
	16	08:46:20	08:46:22	08:46:53	08:46:56	08:47:56	00:00:31	00:01:34		
08:45 - 09:00	17	08:49:33	08:49:35	08:50:06	08:50:09	08:51:09	00:00:31	00:01:34	42	168
	18	08:52:45	08:52:47	08:53:18	08:53:21	08:54:20	00:00:31	00:01:33		
	19	08:55:56	08:55:58	08:56:30	08:56:33	08:57:32	00:00:32	00:01:34		
	20	08:57:32	08:57:34	08:58:06	08:58:09	08:59:08	00:00:32	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:48	17:00:48	17:01:19	17:01:22	17:02:22	00:00:31	00:01:34	86	344
	2	17:03:58	17:04:00	17:04:31	17:04:34	17:05:34	00:00:31	00:01:34		
	3	17:07:10	17:07:12	17:07:43	17:07:46	17:08:47	00:00:31	00:01:35		
	4	17:08:46	17:08:48	17:09:19	17:09:22	17:10:22	00:00:31	00:01:34		
	5	17:11:59	17:12:01	17:12:32	17:12:35	17:13:34	00:00:31	00:01:33		
17:15 - 17:30	6	17:15:10	17:15:12	17:15:43	17:15:46	17:16:46	00:00:31	00:01:34	95	380
	7	17:18:22	17:18:24	17:18:55	17:18:58	17:19:58	00:00:31	00:01:34		
	8	17:21:34	17:21:36	17:22:07	17:22:10	17:23:10	00:00:31	00:01:34		
	9	17:24:46	17:24:48	17:25:19	17:25:22	17:26:22	00:00:31	00:01:34		
	10	17:27:58	17:28:00	17:28:31	17:28:34	17:29:34	00:00:31	00:01:34		
17:30 - 17:45	11	17:31:10	17:31:12	17:31:43	17:31:46	17:32:47	00:00:31	00:01:35	141	564
	12	17:34:22	17:34:24	17:34:55	17:34:58	17:35:58	00:00:31	00:01:34		
	13	17:37:34	17:37:36	17:38:07	17:38:10	17:39:10	00:00:31	00:01:34		
	14	17:40:46	17:40:48	17:41:19	17:41:22	17:42:23	00:00:31	00:01:35		
	15	17:43:58	17:44:00	17:44:31	17:44:34	17:45:34	00:00:31	00:01:34		
17:45 - 18:00	16	17:47:11	17:47:13	17:47:43	17:47:46	17:48:46	00:00:30	00:01:33	119	476
	17	17:50:22	17:50:24	17:50:55	17:50:58	17:51:58	00:00:31	00:01:34		
	18	17:53:34	17:53:36	17:54:07	17:54:10	17:55:10	00:00:31	00:01:34		
	19	17:56:46	17:56:48	17:57:19	17:57:22	17:58:22	00:00:31	00:01:34		
	20	17:58:22	17:58:24	17:58:55	17:58:58	17:59:58	00:00:31	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	41	164	00:01:34	00:00:32	0	0.00%	
08:15 - 08:30	47	188	00:01:34	00:00:31	0	0.00%	
08:30 - 08:45	50	200	00:01:35	00:00:31	0	0.00%	Average
08:45 - 09:00	42	168	00:01:34	00:00:31	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	86	344	00:01:34	00:00:29	0	0.00%	
17:15 - 17:30	95	380	00:01:34	00:00:31	0	0.00%	
17:30 - 17:45	141	564	00:01:34	00:00:31	0	0.00%	Average
17:45 - 18:00	119	476	00:01:34	00:00:31	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:51	0	0	0	0	0	0	0	0	0	0	06:01:54	0	0	0	0	0	0	0	0	0	0	06:03:06	00:01:35
0	0	0	0	0	0	0	0	0	06:14:50	0	0	0	0	0	0	0	0	0	0	06:14:53	0	0	0	0	0	0	0	0	0	0	06:15:52	00:01:34
0	0	0	0	0	0	0	0	0	06:22:49	0	0	0	0	0	0	0	0	0	0	06:22:52	0	0	0	0	0	0	0	0	0	0	06:23:52	00:01:33
0	0	0	0	0	0	0	0	0	06:26:02	0	0	0	0	0	0	0	0	0	0	06:26:05	0	0	0	0	0	0	0	0	0	0	06:27:05	00:01:33
0	0	0	0	0	0	0	0	0	06:35:27	0	0	0	0	0	0	0	0	0	0	06:35:30	0	0	0	0	0	0	0	0	0	0	06:36:42	00:01:35
0	0	0	0	0	0	0	0	0	06:38:50	0	0	0	0	0	0	0	0	0	0	06:38:53	0	0	0	0	0	0	0	0	0	0	06:39:53	00:01:34
0	0	0	0	0	0	0	0	0	06:45:14	0	0	0	0	0	0	0	0	0	0	06:45:17	0	0	0	0	0	0	0	0	0	0	06:46:17	00:01:34
0	0	0	0	0	0	0	0	0	06:48:15	0	0	0	0	0	1	0	0	0	2	06:48:18	0	0	0	0	0	0	0	0	0	0	06:49:30	00:01:35
0	0	0	0	0	0	0	0	0	06:50:02	0	0	0	0	0	0	0	0	0	0	06:50:05	0	0	0	0	0	0	0	0	0	0	06:51:05	00:01:34
0	0	0	0	0	0	0	0	0	06:58:02	0	0	0	0	0	0	0	0	0	0	06:58:05	0	0	0	0	0	0	0	0	0	0	06:59:06	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 28
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:29	0	0	0	0	0	0	0	0	0	0	06:01:31	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
2	06:14:16	0	0	0	0	0	0	0	0	0	0	06:14:18	1	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:22:17	0	0	0	0	0	0	0	0	0	0	06:22:19	2	0	0	0	0	0	0	0	0	2	06:22:26	1	3	3	1	0	0	0	0	0	11	06:22:46	0
4	06:25:30	0	0	0	0	0	0	0	0	0	0	06:25:32	1	1	0	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
5	06:35:05	0	0	0	0	0	0	0	0	0	0	06:35:07	6	0	1	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
6	06:38:17	0	0	0	0	0	0	0	0	0	0	06:38:19	1	1	0	0	0	0	0	0	0	2	06:38:24	5	1	4	0	0	0	0	1	0	10	06:38:49	0
7	06:44:41	0	0	0	0	0	0	0	0	0	0	06:44:43	0	1	1	0	0	0	0	0	0	2	06:44:47	0	3	1	1	1	0	0	0	0	6	06:45:05	0
8	06:47:53	0	0	0	0	0	0	0	0	0	0	06:47:55	1	1	0	0	0	0	0	0	0	2	06:48:00	3	1	2	1	0	0	0	0	0	8	06:48:14	0
9	06:49:29	0	0	0	0	0	0	0	0	0	0	06:49:31	2	0	0	0	0	0	0	0	0	2	06:49:35	2	0	5	1	0	0	0	0	0	9	06:49:57	0
10	06:57:29	0	0	0	0	0	0	0	0	0	0	06:57:31	0	0	2	0	0	0	0	0	0	2	06:57:37	7	1	0	0	0	0	0	0	0	8	06:57:56	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:31	08:01:35	08:02:06	08:02:09	08:03:08	00:00:31	00:01:33	89	356
	2	08:04:44	08:04:46	08:05:18	08:05:21	08:06:20	00:00:32	00:01:34		
	3	08:07:56	08:07:58	08:08:30	08:08:33	08:09:33	00:00:32	00:01:35		
	4	08:11:08	08:11:10	08:11:42	08:11:45	08:12:45	00:00:32	00:01:35		
	5	08:14:21	08:14:23	08:14:54	08:14:57	08:15:57	00:00:31	00:01:34		
08:15 - 08:30	6	08:17:32	08:17:34	08:18:06	08:18:09	08:19:08	00:00:32	00:01:34	75	300
	7	08:20:45	08:20:47	08:21:18	08:21:21	08:22:21	00:00:31	00:01:34		
	8	08:23:56	08:23:58	08:24:29	08:24:32	08:25:33	00:00:31	00:01:35		
	9	08:27:09	08:27:11	08:27:41	08:27:44	08:28:45	00:00:30	00:01:34		
	10	08:28:45	08:28:47	08:29:17	08:29:20	08:30:20	00:00:30	00:01:33		
08:30 - 08:45	11	08:31:57	08:31:59	08:32:30	08:32:33	08:33:33	00:00:31	00:01:34	88	352
	12	08:35:08	08:35:10	08:35:41	08:35:44	08:36:45	00:00:31	00:01:35		
	13	08:38:20	08:38:22	08:38:53	08:38:56	08:39:57	00:00:31	00:01:35		
	14	08:41:32	08:41:34	08:42:06	08:42:09	08:43:09	00:00:32	00:01:35		
	15	08:43:09	08:43:11	08:43:42	08:43:45	08:44:45	00:00:31	00:01:34		
	16	08:46:20	08:46:22	08:46:53	08:46:56	08:47:56	00:00:31	00:01:34		
08:45 - 09:00	17	08:49:33	08:49:35	08:50:06	08:50:09	08:51:09	00:00:31	00:01:34	97	388
	18	08:52:45	08:52:47	08:53:18	08:53:21	08:54:20	00:00:31	00:01:33		
	19	08:55:56	08:55:58	08:56:30	08:56:33	08:57:32	00:00:32	00:01:34		
	20	08:57:32	08:57:34	08:58:06	08:58:09	08:59:08	00:00:32	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:48	17:00:48	17:01:19	17:01:22	17:02:22	00:00:31	00:01:34	98	392
	2	17:03:58	17:04:00	17:04:31	17:04:34	17:05:34	00:00:31	00:01:34		
	3	17:07:10	17:07:12	17:07:43	17:07:46	17:08:47	00:00:31	00:01:35		
	4	17:08:46	17:08:48	17:09:19	17:09:22	17:10:22	00:00:31	00:01:34		
	5	17:11:59	17:12:01	17:12:32	17:12:35	17:13:35	00:00:33	00:01:33		
17:15 - 17:30	6	17:15:10	17:15:12	17:15:43	17:15:46	17:16:46	00:00:31	00:01:34	104	416
	7	17:18:22	17:18:24	17:18:55	17:18:58	17:19:58	00:00:31	00:01:34		
	8	17:21:34	17:21:36	17:22:07	17:22:10	17:23:10	00:00:31	00:01:34		
	9	17:24:46	17:24:48	17:25:19	17:25:22	17:26:22	00:00:31	00:01:34		
	10	17:27:58	17:28:00	17:28:31	17:28:34	17:29:34	00:00:31	00:01:34		
17:30 - 17:45	11	17:31:10	17:31:12	17:31:43	17:31:46	17:32:47	00:00:31	00:01:35	124	496
	12	17:34:22	17:34:24	17:34:55	17:34:58	17:35:58	00:00:31	00:01:34		
	13	17:37:34	17:37:36	17:38:07	17:38:10	17:39:10	00:00:31	00:01:34		
	14	17:40:46	17:40:48	17:41:19	17:41:22	17:42:23	00:00:31	00:01:35		
	15	17:43:58	17:44:00	17:44:31	17:44:34	17:45:34	00:00:31	00:01:34		
17:45 - 18:00	16	17:47:11	17:47:13	17:47:43	17:47:46	17:48:46	00:00:30	00:01:33	110	440
	17	17:50:22	17:50:24	17:50:55	17:50:58	17:51:58	00:00:31	00:01:34		
	18	17:53:34	17:53:36	17:54:07	17:54:10	17:55:10	00:00:31	00:01:34		
	19	17:56:46	17:56:48	17:57:19	17:57:22	17:58:22	00:00:31	00:01:34		
	20	17:58:22	17:58:24	17:58:55	17:58:58	17:59:58	00:00:31	00:01:34		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
11	00:00:20	1850	
0	00:00:00	0	
0	00:00:00	0	
10	00:00:25	1498	
8	00:00:18	1560	
8	00:00:14	1929	
9	00:00:22	1391	Average
8	00:00:19	1516	1630

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	89	356	00:01:34	00:00:32	1630	65.09%	
08:15 - 08:30	75	300	00:01:34	00:00:31	1630	56.15%	
08:30 - 08:45	88	352	00:01:35	00:00:31	1630	65.46%	Average
08:45 - 09:00	97	388	00:01:34	00:00:31	1630	71.09%	64.45%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	98	392	00:01:34	00:00:29	1630	79.02%	
17:15 - 17:30	104	416	00:01:34	00:00:31	1630	77.36%	
17:30 - 17:45	124	496	00:01:34	00:00:31	1630	92.64%	Average
17:45 - 18:00	110	440	00:01:34	00:00:31	1630	82.18%	82.80%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:51	0	0	0	0	0	0	0	0	0	0	06:01:54	0	0	0	0	0	0	0	0	0	0	06:03:06	00:01:35
0	0	0	0	0	0	0	0	0	06:14:50	0	0	0	0	0	0	0	0	0	0	06:14:53	0	0	0	0	0	0	0	0	0	0	06:15:52	00:01:34
0	0	0	0	0	0	0	0	0	06:22:49	0	0	0	0	0	0	0	0	0	0	06:22:52	0	0	0	0	0	0	0	0	0	0	06:23:52	00:01:33
0	0	0	0	0	0	0	0	0	06:26:02	1	0	0	0	0	0	0	0	0	1	06:26:05	0	0	0	0	0	0	0	0	0	0	06:27:05	00:01:33
0	0	0	0	0	0	0	0	0	06:35:27	0	0	0	0	0	0	0	0	0	0	06:35:30	0	0	0	0	0	0	0	0	0	0	06:36:42	00:01:35
0	0	0	0	0	0	0	0	0	06:38:50	1	0	0	0	0	0	0	0	0	1	06:38:53	0	0	0	0	0	0	0	0	0	0	06:39:53	00:01:34
0	0	0	0	0	0	0	0	0	06:45:14	0	0	0	0	0	0	0	0	0	0	06:45:17	0	0	0	0	0	0	0	0	0	0	06:46:17	00:01:34
0	0	0	0	0	0	0	0	0	06:48:15	0	0	1	0	0	0	0	0	0	1	06:48:18	0	0	0	0	0	0	0	0	0	0	06:49:30	00:01:35
0	0	0	0	0	0	0	0	0	06:50:02	0	0	1	0	0	0	0	0	0	1	06:50:05	0	0	0	0	0	0	0	0	0	0	06:51:05	00:01:34
0	0	0	0	0	0	0	0	0	06:58:02	0	0	0	0	0	0	0	0	0	0	06:58:05	0	0	0	0	0	0	0	0	0	0	06:59:06	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 38
Date of Survey: 12.06.2014
Junction Name: Euston Road / Midland Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.529081	-0.126226	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:01	0	0	0	0	0	0	0	0	0	0	06:01:03	3	0	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
2	06:05:29	0	0	0	0	0	0	0	0	0	0	06:05:31	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
3	06:14:42	0	0	0	0	0	0	0	0	0	0	06:14:44	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:22:42	0	0	0	0	0	0	0	0	0	0	06:22:44	0	1	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:30:45	0	0	0	0	0	0	0	0	0	0	06:30:47	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:35:34	0	0	0	0	0	0	0	0	0	0	06:35:36	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:40:23	0	0	0	0	0	0	0	0	0	0	06:40:25	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:49:59	0	0	0	0	0	0	0	0	0	0	06:50:01	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:53:11	0	0	1	0	0	0	0	0	0	1	06:53:13	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:57:59	0	0	0	0	0	0	0	0	0	0	06:58:01	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:29	08:00:31	08:00:41	08:00:44	08:02:01	00:00:10	00:01:30	31	124
	2	08:03:38	08:03:40	08:03:50	08:03:53	08:05:15	00:00:10	00:01:35		
	3	08:06:54	08:06:56	08:07:03	08:07:06	08:08:32	00:00:07	00:01:36		
	4	08:11:42	08:11:44	08:11:51	08:11:54	08:13:18	00:00:07	00:01:34		
	5	08:13:18	08:13:20	08:13:27	08:13:30	08:14:54	00:00:07	00:01:34		
08:15 - 08:30	6	08:18:06	08:18:08	08:18:15	08:18:18	08:19:42	00:00:07	00:01:34	37	148
	7	08:19:42	08:19:44	08:19:51	08:19:54	08:21:18	00:00:07	00:01:34		
	8	08:24:30	08:24:32	08:24:43	08:24:46	08:26:10	00:00:11	00:01:38		
	9	08:26:10	08:26:12	08:26:21	08:26:24	08:27:44	00:00:09	00:01:32		
	10	08:27:44	08:27:46	08:27:55	08:27:58	08:29:18	00:00:09	00:01:32		
08:30 - 08:45	11	08:30:57	08:30:59	08:31:06	08:31:09	08:32:33	00:00:07	00:01:34	38	152
	12	08:34:16	08:34:18	08:34:19	08:34:22	08:35:46	00:00:07	00:01:34		
	13	08:37:22	08:37:24	08:37:31	08:37:34	08:38:58	00:00:07	00:01:34		
	14	08:40:37	08:40:39	08:40:50	08:40:53	08:42:11	00:00:11	00:01:32		
	15	08:42:11	08:42:13	08:42:20	08:42:23	08:43:44	00:00:07	00:01:31		
08:45 - 09:00	16	08:45:19	08:45:21	08:45:34	08:45:37	08:46:57	00:00:13	00:01:36	32	128
	17	08:48:28	08:48:30	08:48:38	08:48:41	08:50:05	00:00:08	00:01:35		
	18	08:51:43	08:51:45	08:51:56	08:51:59	08:53:24	00:00:11	00:01:39		
	19	08:56:36	08:56:38	08:56:45	08:56:48	08:58:12	00:00:07	00:01:34		
	20	08:58:12	08:58:14	08:58:21	08:58:24	08:59:48	00:00:07	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:31	17:01:33	17:01:44	17:01:47	17:03:08	00:00:11	00:01:35	34	136
	2	17:04:41	17:04:43	17:04:57	17:05:00	17:06:16	00:00:14	00:01:33		
	3	17:07:58	17:08:00	17:08:07	17:08:10	17:09:35	00:00:07	00:01:35		
	4	17:11:03	17:11:05	17:11:12	17:11:15	17:12:43	00:00:07	00:01:38		
	5	17:12:43	17:12:45	17:12:56	17:12:59	17:14:12	00:00:11	00:01:27		
17:15 - 17:30	6	17:15:55	17:15:57	17:16:04	17:16:07	17:17:30	00:00:07	00:01:33	40	160
	7	17:19:06	17:19:08	17:19:19	17:19:22	17:20:38	00:00:11	00:01:30		
	8	17:22:14	17:22:16	17:22:23	17:22:26	17:23:54	00:00:07	00:01:38		
	9	17:25:30	17:25:32	17:25:39	17:25:42	17:27:13	00:00:07	00:01:41		
	10	17:29:07	17:29:09	17:29:18	17:29:21	17:30:47	00:00:09	00:01:38		
17:30 - 17:45	11	17:30:47	17:30:49	17:30:57	17:31:00	17:32:48	00:00:08	00:01:59	38	152
	12	17:34:43	17:34:45	17:34:58	17:35:01	17:36:30	00:00:13	00:01:45		
	13	17:38:22	17:38:24	17:38:39	17:38:42	17:40:17	00:00:15	00:01:53		
	14	17:40:17	17:40:19	17:40:27	17:40:30	17:42:11	00:00:08	00:01:52		
	15	17:42:11	17:42:13	17:42:20	17:42:23	17:44:02	00:00:07	00:01:49		
17:45 - 18:00	16	17:45:54	17:45:56	17:46:09	17:46:12	17:47:44	00:00:13	00:01:48	44	176
	17	17:49:36	17:49:38	17:49:54	17:49:57	17:51:22	00:00:16	00:01:44		
	18	17:53:21	17:53:23	17:53:37	17:53:40	17:55:19	00:00:14	00:01:56		
	19	17:55:19	17:55:21	17:55:33	17:55:36	17:57:04	00:00:12	00:01:43		
	20	17:57:04	17:57:06	17:57:24	17:57:27	17:59:12	00:00:18	00:02:06		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	31	124	00:01:34	00:00:08	0	0.00%	
08:15 - 08:30	37	148	00:01:34	00:00:09	0	0.00%	
08:30 - 08:45	38	152	00:01:33	00:00:08	0	0.00%	Average
08:45 - 09:00	32	128	00:01:36	00:00:09	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	34	136	00:01:34	00:00:10	0	0.00%	
17:15 - 17:30	40	160	00:01:36	00:00:08	0	0.00%	
17:30 - 17:45	38	152	00:01:52	00:00:10	0	0.00%	Average
17:45 - 18:00	44	176	00:01:51	00:00:15	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:10	1	0	0	0	0	0	0	0	0	1	06:01:13	0	0	0	0	0	0	0	0	0	0	06:02:26	00:01:23
0	0	0	0	0	0	0	0	0	06:05:38	0	0	0	0	0	0	0	0	0	0	06:05:41	0	0	0	0	0	0	0	0	0	0	06:06:57	00:01:26
0	0	0	0	0	0	0	0	0	06:14:53	0	0	0	0	0	0	0	0	0	0	06:14:56	0	0	0	0	0	0	0	0	0	0	06:16:19	00:01:35
0	0	0	0	0	0	0	0	0	06:22:55	0	0	0	0	0	0	0	0	0	0	06:22:58	0	0	0	0	0	0	0	0	0	0	06:24:24	00:01:40
0	0	0	0	0	0	0	0	0	06:30:54	1	0	0	0	0	0	0	0	0	1	06:30:57	0	0	0	0	0	1	0	0	0	2	06:32:21	00:01:34
0	0	0	0	0	0	0	0	0	06:35:44	0	0	0	0	0	0	0	0	0	0	06:35:47	0	0	0	0	0	0	0	0	0	0	06:37:11	00:01:35
0	0	0	0	0	0	0	0	0	06:40:32	0	0	0	0	0	1	0	0	0	2	06:40:35	0	0	0	0	0	0	0	0	0	0	06:41:59	00:01:34
0	0	0	0	0	0	0	0	0	06:50:08	0	0	0	1	0	0	0	0	0	2	06:50:11	0	0	0	0	0	0	0	0	0	0	06:51:35	00:01:34
0	0	0	0	0	0	0	0	0	06:53:20	0	0	1	0	0	0	0	0	0	1	06:53:23	0	0	0	0	0	0	0	0	0	0	06:54:47	00:01:34
0	0	0	0	0	0	0	0	0	06:58:08	0	0	1	0	0	0	0	0	0	1	06:58:11	0	0	0	0	0	0	0	0	0	0	06:59:35	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:01	0	0	0	0	0	0	0	0	0	0	06:01:03	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:05:29	0	0	0	0	0	0	0	0	0	0	06:05:31	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
3	06:14:42	0	0	0	0	0	0	0	0	0	0	06:14:44	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:22:42	0	0	0	0	0	0	0	0	0	0	06:22:44	2	1	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:30:45	0	0	0	0	0	0	0	0	0	0	06:30:47	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:35:34	0	0	0	0	0	0	0	0	0	0	06:35:36	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:40:23	0	0	0	0	0	0	0	0	0	0	06:40:25	2	0	0	0	0	0	0	1	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:49:59	0	0	0	0	0	0	0	0	0	0	06:50:01	1	1	0	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:53:11	0	0	0	0	0	0	0	0	1	0	06:53:13	1	0	2	0	0	0	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
10	06:57:59	1	0	0	0	0	0	0	0	0	1	06:58:01	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	08:00:29	08:00:31	08:00:41	08:00:44	08:02:01	00:00:10	00:01:30		
	08:03:38	08:03:40	08:03:50	08:03:53	08:05:15	00:00:10	00:01:35		
08:00 - 08:15	08:06:54	08:06:56	08:07:03	08:07:06	08:08:32	00:00:07	00:01:36	45	180
	08:11:42	08:11:44	08:11:51	08:11:54	08:13:18	00:00:07	00:01:34		
	08:13:18	08:13:20	08:13:27	08:13:30	08:14:54	00:00:07	00:01:34		
	08:18:06	08:18:08	08:18:15	08:18:18	08:19:42	00:00:07	00:01:34		
	08:19:42	08:19:44	08:19:51	08:19:54	08:21:18	00:00:07	00:01:34		
08:15 - 08:30	08:24:30	08:24:32	08:24:43	08:24:46	08:26:10	00:00:11	00:01:38	46	184
	08:26:10	08:26:12	08:26:21	08:26:24	08:27:44	00:00:09	00:01:32		
	08:27:44	08:27:46	08:27:55	08:27:58	08:29:18	00:00:09	00:01:32		
	08:30:57	08:30:59	08:31:08	08:31:09	08:32:33	00:00:07	00:01:34		
	08:34:10	08:34:12	08:34:19	08:34:22	08:35:46	00:00:07	00:01:34		
08:30 - 08:45	08:37:22	08:37:24	08:37:31	08:37:34	08:38:58	00:00:07	00:01:34	47	188
	08:40:37	08:40:39	08:40:50	08:40:53	08:42:11	00:00:11	00:01:32		
	08:42:11	08:42:13	08:42:20	08:42:23	08:43:44	00:00:07	00:01:33		
	08:45:19	08:45:21	08:45:34	08:45:37	08:46:57	00:00:13	00:01:38		
	08:48:28	08:48:30	08:48:38	08:48:41	08:50:05	00:00:08	00:01:35		
08:45 - 09:00	08:51:43	08:51:45	08:51:56	08:51:59	08:53:24	00:00:11	00:01:39	52	208
	08:56:36	08:56:38	08:56:45	08:56:48	08:58:12	00:00:07	00:01:34		
	08:58:12	08:58:14	08:58:21	08:58:24	08:59:48	00:00:07	00:01:34		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	17:01:31	17:01:33	17:01:44	17:01:47	17:03:08	00:00:11	00:01:35		
	17:04:41	17:04:43	17:04:57	17:05:00	17:06:16	00:00:14	00:01:33		
17:00 - 17:15	17:07:58	17:08:00	17:08:07	17:08:10	17:09:35	00:00:07	00:01:35	42	168
	17:11:03	17:11:05	17:11:12	17:11:15	17:12:43	00:00:07	00:01:38		
	17:12:43	17:12:45	17:12:56	17:12:59	17:14:12	00:00:11	00:01:27		
	17:15:55	17:15:57	17:16:04	17:16:07	17:17:30	00:00:07	00:01:33		
	17:19:06	17:19:08	17:19:19	17:19:22	17:20:38	00:00:11	00:01:30		
17:15 - 17:30	17:22:14	17:22:16	17:22:23	17:22:26	17:23:54	00:00:07	00:01:38	42	168
	17:25:30	17:25:32	17:25:39	17:25:42	17:27:13	00:00:07	00:01:41		
	17:29:07	17:29:09	17:29:18	17:29:21	17:30:47	00:00:09	00:01:38		
	17:30:47	17:30:49	17:30:57	17:31:00	17:32:48	00:00:08	00:01:59		
	17:34:43	17:34:45	17:34:58	17:35:01	17:36:30	00:00:13	00:01:45		
17:30 - 17:45	17:38:22	17:38:24	17:38:39	17:38:42	17:40:17	00:00:15	00:01:53	44	176
	17:40:17	17:40:19	17:40:27	17:40:30	17:42:11	00:00:08	00:01:52		
	17:42:11	17:42:13	17:42:20	17:42:23	17:44:02	00:00:07	00:01:49		
	17:45:54	17:45:56	17:46:09	17:46:12	17:47:44	00:00:13	00:01:48		
	17:49:36	17:49:38	17:49:54	17:49:57	17:51:22	00:00:16	00:01:44		
17:45 - 18:00	17:53:21	17:53:23	17:53:37	17:53:40	17:55:19	00:00:14	00:01:56	54	216
	17:55:19	17:55:21	17:55:33	17:55:36	17:57:04	00:00:12	00:01:43		
	17:57:04	17:57:06	17:57:24	17:57:27	17:59:12	00:00:18	00:02:06		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	45	180	00:01:34	00:00:08	0	0.00%	
08:15 - 08:30	46	184	00:01:34	00:00:09	0	0.00%	
08:30 - 08:45	47	188	00:01:35	00:00:08	0	0.00%	Average
08:45 - 09:00	52	208	00:01:36	00:00:09	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	42	168	00:01:34	00:00:10	0	0.00%	
17:15 - 17:30	42	168	00:01:36	00:00:08	0	0.00%	
17:30 - 17:45	44	176	00:01:52	00:00:10	0	0.00%	Average
17:45 - 18:00	54	216	00:01:51	00:00:15	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:10	0	0	0	0	0	0	0	0	0	0	06:01:13	0	0	0	0	0	0	0	0	0	0	06:02:26	00:01:23
0	0	0	0	0	0	0	0	0	06:05:38	1	0	0	0	0	0	0	0	0	1	06:05:41	0	0	0	0	0	0	0	0	0	0	06:06:57	00:01:26
0	0	0	0	0	0	0	0	0	06:14:53	0	0	0	0	0	0	0	0	0	0	06:14:56	1	0	0	0	0	0	0	0	0	1	06:16:19	00:01:35
0	0	0	0	0	0	0	0	0	06:22:55	0	0	0	0	0	0	0	0	0	0	06:22:58	0	0	0	0	0	0	0	0	0	0	06:24:24	00:01:40
0	0	0	0	0	0	0	0	0	06:30:54	1	0	0	0	0	0	0	0	0	1	06:30:57	0	0	0	0	0	0	0	0	0	0	06:32:21	00:01:34
0	0	0	0	0	0	0	0	0	06:35:44	0	0	0	0	0	0	0	0	0	0	06:35:47	0	0	0	0	0	0	0	0	0	0	06:37:11	00:01:35
0	0	0	0	0	0	0	0	0	06:40:32	0	0	0	0	0	0	0	0	0	0	06:40:35	0	0	0	0	0	0	0	0	0	0	06:41:59	00:01:34
0	0	0	0	0	0	0	0	0	06:50:08	1	1	0	0	0	0	0	0	0	2	06:50:11	0	0	0	0	0	0	0	0	0	0	06:51:35	00:01:34
0	0	0	0	0	0	0	0	0	06:53:20	0	0	1	0	0	0	0	0	0	1	06:53:23	0	0	1	0	0	0	0	0	0	1	06:54:47	00:01:34
0	0	0	0	0	0	0	0	0	06:58:08	0	0	0	0	0	0	0	0	0	0	06:58:11	0	0	0	0	0	0	1	0	0	2	06:59:35	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:13	0	0	0	0	0	0	0	0	0	0	06:01:15	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:07:09	0	0	0	0	0	0	0	0	0	0	06:07:11	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:13:17	0	0	0	0	0	0	0	0	0	0	06:13:19	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:19:47	0	0	0	0	0	0	0	0	0	0	06:19:49	0	1	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
5	06:24:36	0	0	0	0	0	0	0	0	0	0	06:24:38	0	0	1	1	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:32:34	0	0	0	0	0	0	0	0	0	0	06:32:36	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:38:59	0	0	0	0	0	0	0	0	0	0	06:39:01	2	0	0	2	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
8	06:45:23	0	0	0	0	0	0	0	0	0	0	06:45:25	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:53:23	0	0	0	0	0	0	0	0	0	0	06:53:25	1	2	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:58:11	0	0	0	0	0	0	0	1	0	1	06:58:13	1	0	1	0	0	0	0	1	0	2		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:45	08:00:47	08:01:05	08:01:08	08:02:19	00:00:18	00:01:32	53	212
	2	08:03:54	08:03:56	08:04:14	08:04:17	08:05:28	00:00:18	00:01:32		
	3	08:07:56	08:07:58	08:07:26	08:07:29	08:08:47	00:00:18	00:01:39		
	4	08:10:22	08:10:24	08:10:43	08:10:46	08:11:55	00:00:19	00:01:31		
	5	08:13:30	08:13:32	08:13:50	08:13:53	08:15:07	00:00:18	00:01:35		
08:15 - 08:30	6	08:16:42	08:16:44	08:17:03	08:17:06	08:18:19	00:00:19	00:01:35	57	228
	7	08:19:55	08:19:57	08:20:14	08:20:17	08:21:30	00:00:17	00:01:33		
	8	08:23:07	08:23:09	08:23:26	08:23:29	08:24:47	00:00:17	00:01:38		
	9	08:26:24	08:26:26	08:26:44	08:26:47	08:27:58	00:00:18	00:01:32		
	10	08:27:58	08:28:00	08:28:18	08:28:21	08:29:30	00:00:18	00:01:30		
08:30 - 08:45	11	08:31:09	08:31:11	08:31:30	08:31:33	08:32:45	00:00:19	00:01:34	58	232
	12	08:34:22	08:34:24	08:34:42	08:34:45	08:35:59	00:00:18	00:01:35		
	13	08:37:34	08:37:36	08:37:55	08:37:58	08:39:15	00:00:19	00:01:39		
	14	08:40:54	08:40:56	08:41:14	08:41:17	08:42:23	00:00:18	00:01:27		
	15	08:44:00	08:44:02	08:44:20	08:44:23	08:45:38	00:00:18	00:01:36		
08:45 - 09:00	16	08:45:38	08:45:40	08:45:58	08:46:01	08:47:09	00:00:18	00:01:29	42	168
	17	08:48:41	08:48:43	08:49:01	08:49:04	08:50:24	00:00:18	00:01:41		
	18	08:52:00	08:52:02	08:52:20	08:52:23	08:53:37	00:00:18	00:01:35		
	19	08:55:13	08:55:15	08:55:33	08:55:36	08:56:51	00:00:18	00:01:36		
	20	08:58:25	08:58:27	08:58:45	08:58:48	09:00:00	00:00:18	00:01:33		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:05	17:00:07	17:00:25	17:00:28	17:01:47	00:00:18	00:01:40	54	216
	2	17:03:24	17:03:26	17:03:44	17:03:47	17:05:00	00:00:18	00:01:34		
	3	17:06:31	17:06:33	17:06:51	17:06:54	17:08:11	00:00:18	00:01:38		
	4	17:09:47	17:09:49	17:10:07	17:10:10	17:11:15	00:00:18	00:01:26		
	5	17:12:58	17:13:00	17:13:19	17:13:22	17:14:27	00:00:19	00:01:27		
17:15 - 17:30	6	17:16:07	17:16:09	17:16:28	17:16:31	17:17:43	00:00:19	00:01:34	44	176
	7	17:19:23	17:19:25	17:19:43	17:19:46	17:20:50	00:00:18	00:01:25		
	8	17:22:26	17:22:28	17:22:46	17:22:49	17:24:06	00:00:18	00:01:38		
	9	17:25:42	17:25:44	17:26:02	17:26:05	17:27:26	00:00:18	00:01:42		
	10	17:27:26	17:27:28	17:27:46	17:27:49	17:29:20	00:00:18	00:01:52		
17:30 - 17:45	11	17:31:00	17:31:02	17:31:20	17:31:23	17:33:00	00:00:18	00:01:58	43	172
	12	17:35:01	17:35:03	17:35:21	17:35:24	17:36:50	00:00:18	00:01:47		
	13	17:38:42	17:38:44	17:39:02	17:39:05	17:40:31	00:00:18	00:01:47		
	14	17:40:31	17:40:33	17:40:52	17:40:55	17:42:23	00:00:19	00:01:50		
	15	17:44:14	17:44:16	17:44:35	17:44:38	17:46:12	00:00:19	00:01:56		
17:45 - 18:00	16	17:46:12	17:46:14	17:46:33	17:46:36	17:48:05	00:00:19	00:01:51	61	244
	17	17:49:56	17:49:58	17:50:17	17:50:20	17:51:42	00:00:19	00:01:44		
	18	17:53:40	17:53:42	17:54:00	17:54:03	17:55:36	00:00:18	00:01:54		
	19	17:55:36	17:55:38	17:55:56	17:55:59	17:57:27	00:00:18	00:01:49		
	20	17:57:27	17:57:29	17:57:47	17:57:50	17:59:14	00:00:18	00:01:45		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	53	212	00:01:34	00:00:18	0	0.00%	
08:15 - 08:30	57	228	00:01:34	00:00:18	0	0.00%	
08:30 - 08:45	58	232	00:01:34	00:00:18	0	0.00%	Average
08:45 - 09:00	42	168	00:01:35	00:00:18	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	54	216	00:01:33	00:00:18	0	0.00%	
17:15 - 17:30	44	176	00:01:38	00:00:18	0	0.00%	
17:30 - 17:45	43	172	00:01:52	00:00:18	0	0.00%	Average
17:45 - 18:00	61	244	00:01:49	00:00:18	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:33	0	0	0	0	0	0	0	0	0	0	06:01:36	0	0	0	0	0	0	0	0	0	0	06:02:42	00:01:27
0	0	0	0	0	0	0	0	0	06:07:29	0	0	0	0	0	0	0	0	0	0	06:07:32	0	0	0	0	0	0	0	0	0	0	06:08:37	00:01:26
0	0	0	0	0	0	0	0	0	06:13:37	0	0	0	0	0	0	0	0	0	0	06:13:40	0	0	0	0	0	0	0	0	0	0	06:14:56	00:01:37
0	0	0	0	0	0	0	0	0	06:20:07	0	0	0	0	0	0	0	0	0	0	06:20:10	0	0	0	0	0	0	0	0	0	0	06:21:21	00:01:33
0	0	0	0	0	0	0	0	0	06:24:56	0	0	0	0	0	0	0	0	0	0	06:24:59	0	0	0	0	0	0	0	0	0	0	06:26:12	00:01:34
0	0	0	0	0	0	0	0	0	06:32:54	0	0	0	0	0	0	0	0	0	0	06:32:57	0	0	0	0	0	0	0	0	0	0	06:34:10	00:01:34
0	0	0	0	0	0	0	0	0	06:39:19	1	0	0	0	0	0	0	0	0	1	06:39:22	0	0	0	0	0	0	0	0	0	0	06:40:35	00:01:34
0	0	0	0	0	0	0	0	0	06:45:43	0	0	0	0	0	0	0	0	0	0	06:45:46	0	0	0	0	0	0	0	0	0	0	06:46:59	00:01:34
0	0	0	0	0	0	0	0	0	06:53:43	0	0	0	0	0	0	0	0	0	0	06:53:46	0	0	0	0	0	0	0	0	0	0	06:54:59	00:01:34
0	0	0	0	0	0	0	0	0	06:58:31	0	0	0	0	0	0	0	0	0	0	06:58:34	0	0	0	0	0	0	0	0	0	0	06:59:47	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:13	0	0	0	0	0	0	0	0	0	0	06:01:15	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:07:09	0	0	0	0	0	0	0	0	0	0	06:07:11	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:13:17	0	0	0	0	0	0	0	0	0	0	06:13:19	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:19:47	0	0	0	0	0	0	0	0	0	0	06:19:49	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:24:36	0	0	0	0	0	0	0	0	0	0	06:24:38	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:32:34	0	0	0	0	0	0	0	0	0	0	06:32:36	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:38:59	0	0	0	0	0	0	0	0	0	0	06:39:01	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:45:23	0	0	0	0	0	0	0	0	0	0	06:45:25	1	0	0	1	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:53:23	0	0	0	0	0	0	0	0	0	0	06:53:25	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:58:11	0	0	0	0	0	0	0	1	0	0	06:58:13	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:45	08:00:47	08:01:05	08:01:08	08:02:19	00:00:18	00:01:32	29	116
	2	08:03:54	08:03:56	08:04:14	08:04:17	08:05:28	00:00:18	00:01:32		
	3	08:07:56	08:07:58	08:07:26	08:07:29	08:08:47	00:00:18	00:01:39		
	4	08:10:22	08:10:24	08:10:43	08:10:46	08:11:55	00:00:19	00:01:31		
	5	08:13:30	08:13:32	08:13:50	08:13:53	08:15:07	00:00:18	00:01:35		
08:15 - 08:30	6	08:16:42	08:16:44	08:17:03	08:17:06	08:18:19	00:00:19	00:01:35	42	168
	7	08:19:55	08:19:57	08:20:14	08:20:17	08:21:30	00:00:17	00:01:33		
	8	08:23:07	08:23:09	08:23:26	08:23:29	08:24:47	00:00:17	00:01:38		
	9	08:26:24	08:26:26	08:26:44	08:26:47	08:27:58	00:00:18	00:01:32		
	10	08:27:58	08:28:00	08:28:18	08:28:21	08:29:30	00:00:18	00:01:30		
08:30 - 08:45	11	08:31:09	08:31:11	08:31:30	08:31:33	08:32:45	00:00:19	00:01:34	41	164
	12	08:34:22	08:34:24	08:34:42	08:34:45	08:35:59	00:00:18	00:01:35		
	13	08:37:34	08:37:36	08:37:55	08:37:58	08:39:15	00:00:19	00:01:39		
	14	08:40:54	08:40:56	08:41:14	08:41:17	08:42:23	00:00:18	00:01:27		
	15	08:44:00	08:44:02	08:44:20	08:44:23	08:45:38	00:00:18	00:01:36		
08:45 - 09:00	16	08:45:38	08:45:40	08:45:58	08:46:01	08:47:09	00:00:18	00:01:29	36	144
	17	08:48:41	08:48:43	08:49:01	08:49:04	08:50:24	00:00:18	00:01:41		
	18	08:52:00	08:52:02	08:52:20	08:52:23	08:53:37	00:00:18	00:01:35		
	19	08:55:13	08:55:15	08:55:33	08:55:36	08:56:51	00:00:18	00:01:36		
	20	08:58:25	08:58:27	08:58:45	08:58:48	09:00:00	00:00:18	00:01:33		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:05	17:00:07	17:00:25	17:00:28	17:01:47	00:00:18	00:01:40	37	148
	2	17:03:24	17:03:26	17:03:44	17:03:47	17:05:00	00:00:18	00:01:34		
	3	17:06:31	17:06:33	17:06:51	17:06:54	17:08:11	00:00:18	00:01:38		
	4	17:09:47	17:09:49	17:10:07	17:10:10	17:11:15	00:00:18	00:01:26		
	5	17:12:58	17:13:00	17:13:19	17:13:22	17:14:27	00:00:19	00:01:27		
17:15 - 17:30	6	17:16:07	17:16:09	17:16:28	17:16:31	17:17:43	00:00:19	00:01:34	33	132
	7	17:19:23	17:19:25	17:19:43	17:19:46	17:20:50	00:00:18	00:01:25		
	8	17:22:26	17:22:28	17:22:46	17:22:49	17:24:06	00:00:18	00:01:38		
	9	17:25:42	17:25:44	17:26:02	17:26:05	17:27:26	00:00:18	00:01:42		
	10	17:27:26	17:27:28	17:27:46	17:27:49	17:29:20	00:00:18	00:01:52		
17:30 - 17:45	11	17:31:00	17:31:02	17:31:20	17:31:23	17:33:00	00:00:18	00:01:58	23	92
	12	17:35:01	17:35:03	17:35:21	17:35:24	17:36:50	00:00:18	00:01:47		
	13	17:38:42	17:38:44	17:39:02	17:39:05	17:40:31	00:00:18	00:01:47		
	14	17:40:31	17:40:33	17:40:52	17:40:55	17:42:23	00:00:19	00:01:50		
	15	17:44:14	17:44:16	17:44:35	17:44:38	17:46:12	00:00:19	00:01:56		
17:45 - 18:00	16	17:46:12	17:46:14	17:46:33	17:46:36	17:48:05	00:00:19	00:01:51	41	164
	17	17:49:56	17:49:58	17:50:17	17:50:20	17:51:42	00:00:19	00:01:44		
	18	17:53:40	17:53:42	17:54:00	17:54:03	17:55:36	00:00:18	00:01:54		
	19	17:55:36	17:55:38	17:55:56	17:55:59	17:57:27	00:00:18	00:01:49		
	20	17:57:27	17:57:29	17:57:47	17:57:50	17:59:14	00:00:18	00:01:45		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	29	116	00:01:34	00:00:18	0	0.00%	
08:15 - 08:30	42	168	00:01:34	00:00:18	0	0.00%	
08:30 - 08:45	41	164	00:01:34	00:00:18	0	0.00%	Average
08:45 - 09:00	36	144	00:01:35	00:00:18	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	37	148	00:01:33	00:00:18	0	0.00%	
17:15 - 17:30	33	132	00:01:38	00:00:18	0	0.00%	
17:30 - 17:45	23	92	00:01:52	00:00:18	0	0.00%	Average
17:45 - 18:00	41	164	00:01:49	00:00:18	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:33	0	0	0	0	0	0	0	0	0	0	06:01:36	0	0	0	0	0	0	0	0	0	0	06:02:42	00:01:27
0	0	0	0	0	0	0	0	0	06:07:29	0	0	0	0	0	0	0	0	0	0	06:07:32	0	0	0	0	0	0	0	0	0	0	06:08:37	00:01:26
0	0	0	0	0	0	0	0	0	06:13:37	0	0	0	0	0	0	0	0	0	0	06:13:40	0	0	0	0	0	0	0	0	0	0	06:14:56	00:01:37
0	0	0	0	0	0	0	0	0	06:20:07	0	0	0	0	0	0	0	0	0	0	06:20:10	0	0	0	0	0	0	0	0	0	0	06:21:21	00:01:33
0	0	0	0	0	0	0	0	0	06:24:56	0	0	0	0	0	0	0	0	0	0	06:24:59	0	0	0	0	0	0	0	0	0	0	06:26:12	00:01:34
0	0	0	0	0	0	0	0	0	06:32:54	0	0	0	0	0	0	0	0	0	0	06:32:57	0	0	0	0	0	0	0	0	0	0	06:34:10	00:01:34
0	0	0	0	0	0	0	0	0	06:39:19	0	0	0	0	0	0	0	0	0	0	06:39:22	0	0	0	0	0	0	0	0	0	0	06:40:35	00:01:34
0	0	0	0	0	0	0	0	0	06:45:43	0	0	0	0	0	0	0	0	0	0	06:45:46	0	0	0	0	0	0	0	0	0	0	06:46:59	00:01:34
0	0	0	0	0	0	0	0	0	06:53:43	0	0	0	0	0	0	0	0	0	0	06:53:46	0	0	0	0	0	0	0	0	0	0	06:54:59	00:01:34
0	0	0	0	0	0	0	0	0	06:58:31	2	0	0	0	0	0	0	0	0	2	06:58:34	0	0	0	0	0	0	0	0	0	0	06:59:47	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:35	0	0	0	0	0	0	0	0	0	0	06:04:37	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:10:25	0	0	0	0	0	0	0	0	0	0	06:10:27	2	0	0	0	0	0	0	1	2	3		0	0	0	0	0	0	0	0	0	0		0
3	06:15:18	0	0	0	0	0	0	0	0	0	0	06:15:20	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:20:09	0	0	0	0	0	0	0	0	0	0	06:20:11	0	1	0	0	0	0	0	1	3	2		0	0	0	0	0	0	0	0	0	0		0
5	06:24:58	0	0	0	0	0	0	0	0	0	0	06:25:00	0	1	0	0	0	0	0	0	2	1		0	0	0	0	0	0	0	0	0	0		0
6	06:29:42	0	0	0	0	0	0	0	0	0	0	06:29:44	0	0	0	0	0	0	0	0	3	1		0	0	0	0	0	0	0	0	0	0		0
7	06:36:09	0	0	0	0	0	0	0	0	0	0	06:36:11	0	0	1	0	0	1	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
8	06:44:09	0	0	0	0	0	0	0	0	0	0	06:44:11	0	6	0	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
9	06:52:09	0	0	0	0	0	0	0	0	0	0	06:52:11	0	2	1	0	0	0	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
10	06:56:57	0	0	0	0	0	0	0	0	0	0	06:56:59	1	2	0	0	0	0	0	2	2	4		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:06	08:01:08	08:01:55	08:01:58	08:02:40	00:00:47	00:01:32	90	360
	2	08:04:14	08:04:16	08:05:09	08:05:12	08:05:49	00:00:53	00:01:33		
	3	08:07:27	08:07:29	08:08:24	08:08:27	08:09:07	00:00:55	00:01:38		
	4	08:09:07	08:09:09	08:10:05	08:10:08	08:10:44	00:00:56	00:01:35		
	5	08:12:16	08:12:18	08:13:13	08:13:16	08:13:53	00:00:55	00:01:33		
08:15 - 08:30	6	08:15:28	08:15:30	08:16:24	08:16:27	08:17:04	00:00:54	00:01:34	77	308
	7	08:18:39	08:18:41	08:19:36	08:19:39	08:20:16	00:00:55	00:01:33		
	8	08:21:51	08:21:53	08:22:48	08:22:51	08:23:28	00:00:55	00:01:35		
	9	08:25:08	08:25:10	08:26:05	08:26:08	08:26:46	00:00:55	00:01:36		
	10	08:28:20	08:28:22	08:29:12	08:29:15	08:29:51	00:00:50	00:01:29		
08:30 - 08:45	11	08:31:30	08:31:32	08:32:28	08:32:31	08:33:07	00:00:56	00:01:35	82	328
	12	08:34:43	08:34:45	08:35:40	08:35:43	08:36:20	00:00:55	00:01:35		
	13	08:37:55	08:37:57	08:38:52	08:38:55	08:39:36	00:00:55	00:01:39		
	14	08:41:15	08:41:17	08:42:06	08:42:09	08:42:44	00:00:49	00:01:27		
	15	08:42:44	08:42:46	08:43:39	08:43:42	08:44:21	00:00:53	00:01:35		
08:45 - 09:00	16	08:45:58	08:46:00	08:46:52	08:46:55	08:47:30	00:00:52	00:01:30	116	464
	17	08:49:02	08:49:04	08:49:59	08:50:02	08:50:45	00:00:55	00:01:41		
	18	08:52:20	08:52:22	08:53:18	08:53:21	08:53:58	00:00:56	00:01:36		
	19	08:55:33	08:55:35	08:56:30	08:56:33	08:57:09	00:00:55	00:01:34		
	20	08:58:45	08:58:47	08:59:42	08:59:45	09:00:21	00:00:55	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:22	17:00:24	17:01:21	17:01:24	17:02:04	00:00:57	00:01:40	106	424
	2	17:03:41	17:03:43	17:04:31	17:04:34	17:05:17	00:00:48	00:01:34		
	3	17:06:48	17:06:50	17:07:50	17:07:53	17:08:28	00:01:00	00:01:38		
	4	17:10:05	17:10:07	17:10:54	17:10:57	17:11:33	00:00:47	00:01:26		
	5	17:13:16	17:13:18	17:14:02	17:14:05	17:14:45	00:00:44	00:01:27		
17:15 - 17:30	6	17:16:24	17:16:26	17:17:20	17:17:23	17:17:59	00:00:54	00:01:33	86	344
	7	17:19:39	17:19:41	17:20:28	17:20:31	17:21:08	00:00:47	00:01:27		
	8	17:22:43	17:22:45	17:23:45	17:23:48	17:24:23	00:01:00	00:01:38		
	9	17:26:00	17:26:02	17:27:03	17:27:06	17:27:44	00:01:01	00:01:42		
	10	17:27:44	17:27:46	17:28:57	17:29:00	17:29:38	00:01:11	00:01:52		
17:30 - 17:45	11	17:31:17	17:31:19	17:32:39	17:32:42	17:33:18	00:01:20	00:01:59	115	460
	12	17:35:18	17:35:20	17:36:20	17:36:23	17:37:08	00:01:00	00:01:48		
	13	17:38:59	17:39:01	17:40:08	17:40:11	17:40:49	00:01:07	00:01:48		
	14	17:40:49	17:40:51	17:42:01	17:42:04	17:42:43	00:01:10	00:01:52		
	15	17:42:43	17:42:45	17:43:53	17:43:56	17:44:32	00:01:08	00:01:47		
17:45 - 18:00	16	17:46:30	17:46:32	17:47:35	17:47:38	17:48:21	00:01:03	00:01:49	84	336
	17	17:50:13	17:50:15	17:51:12	17:51:15	17:51:58	00:00:57	00:01:43		
	18	17:53:57	17:53:59	17:55:09	17:55:12	17:55:54	00:01:10	00:01:55		
	19	17:55:54	17:55:56	17:56:54	17:56:57	17:57:44	00:00:58	00:01:48		
	20	17:57:44	17:57:46	17:58:46	17:58:49	17:59:31	00:01:00	00:01:45		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	90	360	00:01:34	00:00:53	0	0.00%	
08:15 - 08:30	77	308	00:01:34	00:00:54	0	0.00%	
08:30 - 08:45	82	328	00:01:34	00:00:54	0	0.00%	Average
08:45 - 09:00	116	464	00:01:35	00:00:55	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	106	424	00:01:33	00:00:51	0	0.00%	
17:15 - 17:30	86	344	00:01:38	00:00:59	0	0.00%	
17:30 - 17:45	115	460	00:01:51	00:01:09	0	0.00%	Average
17:45 - 18:00	84	336	00:01:48	00:01:02	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:24	0	0	0	0	0	0	0	0	0	0	06:05:27	0	0	0	0	0	0	0	0	0	0	06:06:03	00:01:26
0	0	0	0	0	0	0	0	0	06:11:24	0	0	0	0	0	0	0	0	0	0	06:11:27	0	0	0	0	0	0	0	0	0	0	06:12:06	00:01:29
0	0	0	0	0	0	0	0	0	06:16:14	0	0	0	0	0	0	0	0	0	0	06:16:17	0	0	0	0	0	0	0	0	0	0	06:16:57	00:01:37
0	0	0	0	0	0	0	0	0	06:21:03	0	0	0	0	0	0	0	0	0	0	06:21:06	0	0	0	0	0	0	0	0	0	0	06:21:43	00:01:33
0	0	0	0	0	0	0	0	0	06:25:55	0	0	0	0	0	0	0	0	0	0	06:25:58	0	0	0	0	0	0	0	0	0	0	06:26:34	00:01:34
0	0	0	0	0	0	0	0	0	06:30:40	0	0	0	0	0	0	0	0	1	0	06:30:43	0	0	0	0	0	0	0	0	0	0	06:31:19	00:01:35
0	0	0	0	0	0	0	0	0	06:37:05	0	0	0	0	0	0	0	0	0	0	06:37:08	0	0	0	0	0	0	0	1	0	0	06:37:45	00:01:34
0	0	0	0	0	0	0	0	0	06:45:06	0	0	0	1	0	0	0	0	0	0	06:45:09	0	0	0	0	0	0	0	0	0	0	06:45:45	00:01:34
0	0	0	0	0	0	0	0	0	06:53:06	0	0	0	0	0	0	0	0	0	0	06:53:09	0	0	0	0	0	0	0	0	0	0	06:53:45	00:01:34
0	0	0	0	0	0	0	0	0	06:57:54	0	0	0	0	0	0	0	0	0	0	06:57:57	0	0	0	0	0	0	0	0	0	0	06:58:32	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:07	0	0	0	0	0	0	0	0	0	0	06:00:09	2	0	0	0	0	0	0	0	0	2	06:00:14	4	3	2	1	0	0	0	0	0	11	06:00:36	1
2	06:12:06	0	0	0	0	0	0	0	0	0	0	06:12:08	0	0	1	1	0	0	0	0	0	3	06:12:13	6	2	3	0	0	0	0	0	0	11	06:12:33	2
3	06:13:39	0	0	0	0	0	0	0	0	0	0	06:13:41	1	0	1	0	0	0	0	0	0	2	06:13:45	9	1	1	0	0	1	0	0	0	13	06:14:08	0
4	06:15:18	0	0	0	0	0	0	0	0	0	0	06:15:20	1	0	0	1	0	0	0	0	0	3	06:15:26	4	0	3	2	0	2	0	0	0	14	06:15:52	1
5	06:21:43	0	0	0	0	0	0	0	0	0	0	06:21:45	1	0	0	1	0	0	0	0	0	3	06:21:52	4	1	0	0	0	1	0	0	0	7	06:22:04	2
6	06:29:42	0	0	0	0	0	0	0	0	0	0	06:29:44	2	0	0	0	0	0	0	0	0	2	06:29:49	3	1	2	1	0	0	0	0	0	8	06:30:02	6
7	06:32:56	0	0	0	0	0	0	0	0	0	0	06:32:58	2	0	0	0	0	0	0	0	0	2	06:33:02	8	2	2	0	0	0	0	0	0	12	06:33:25	2
8	06:44:09	0	0	0	0	0	0	0	0	0	0	06:44:11	2	0	0	0	0	0	0	0	0	2	06:44:15	6	0	5	0	0	0	0	0	0	11	06:44:37	7
9	06:47:21	0	0	0	0	0	0	0	0	0	0	06:47:23	0	1	0	0	0	0	1	0	0	3	06:47:33	5	2	1	1	0	2	0	0	0	14	06:47:56	2
10	06:55:23	0	0	0	0	0	0	0	0	0	0	06:55:23	1	0	0	0	0	1	0	0	0	3	06:55:30	4	4	0	0	0	1	0	0	0	10	06:55:49	3

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:06	08:01:08	08:01:55	08:01:58	08:02:40	00:00:47	00:01:32	152	608
	2	08:04:14	08:04:16	08:05:09	08:05:12	08:05:49	00:00:53	00:01:33		
	3	08:07:27	08:07:29	08:08:24	08:08:27	08:09:07	00:00:55	00:01:38		
	4	08:09:07	08:09:09	08:10:05	08:10:08	08:10:44	00:00:56	00:01:35		
	5	08:12:16	08:12:18	08:13:13	08:13:16	08:13:51	00:00:55	00:01:33		
08:15 - 08:30	6	08:15:28	08:15:30	08:16:24	08:16:27	08:17:04	00:00:54	00:01:34	159	636
	7	08:18:39	08:18:41	08:19:36	08:19:39	08:20:16	00:00:55	00:01:33		
	8	08:21:51	08:21:53	08:22:48	08:22:51	08:23:28	00:00:55	00:01:35		
	9	08:25:08	08:25:10	08:26:05	08:26:08	08:26:46	00:00:55	00:01:36		
	10	08:28:20	08:28:22	08:29:12	08:29:15	08:29:51	00:00:50	00:01:29		
08:30 - 08:45	11	08:31:30	08:31:32	08:32:28	08:32:31	08:33:07	00:00:56	00:01:35	128	512
	12	08:34:43	08:34:45	08:35:40	08:35:43	08:36:20	00:00:55	00:01:35		
	13	08:37:55	08:37:57	08:38:52	08:38:55	08:39:36	00:00:55	00:01:39		
	14	08:41:15	08:41:17	08:42:06	08:42:09	08:42:44	00:00:49	00:01:27		
	15	08:42:44	08:42:46	08:43:39	08:43:42	08:44:21	00:00:53	00:01:35		
08:45 - 09:00	16	08:45:58	08:46:00	08:46:52	08:46:55	08:47:30	00:00:52	00:01:30	119	476
	17	08:49:02	08:49:04	08:49:59	08:50:02	08:50:45	00:00:55	00:01:41		
	18	08:52:20	08:52:22	08:53:18	08:53:21	08:53:58	00:00:56	00:01:36		
	19	08:55:33	08:55:35	08:56:30	08:56:33	08:57:09	00:00:55	00:01:34		
	20	08:58:45	08:58:47	08:59:42	08:59:45	09:00:21	00:00:55	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:22	17:00:24	17:01:21	17:01:24	17:02:04	00:00:57	00:01:40	73	292
	2	17:03:41	17:03:43	17:04:31	17:04:34	17:05:17	00:00:48	00:01:34		
	3	17:06:48	17:06:50	17:07:50	17:07:53	17:08:28	00:01:00	00:01:38		
	4	17:10:05	17:10:07	17:10:54	17:10:57	17:11:33	00:00:47	00:01:26		
	5	17:13:16	17:13:18	17:14:02	17:14:05	17:14:45	00:00:44	00:01:27		
17:15 - 17:30	6	17:16:24	17:16:26	17:17:20	17:17:23	17:17:59	00:00:54	00:01:33	57	228
	7	17:19:39	17:19:41	17:20:28	17:20:31	17:21:08	00:00:47	00:01:27		
	8	17:22:43	17:22:45	17:23:45	17:23:48	17:24:23	00:01:00	00:01:38		
	9	17:26:00	17:26:02	17:27:03	17:27:06	17:27:44	00:01:01	00:01:42		
	10	17:27:44	17:27:46	17:28:57	17:29:00	17:29:38	00:01:11	00:01:52		
17:30 - 17:45	11	17:31:17	17:31:19	17:32:39	17:32:42	17:33:18	00:01:20	00:01:59	106	424
	12	17:35:18	17:35:20	17:36:20	17:36:23	17:37:08	00:01:00	00:01:48		
	13	17:38:59	17:39:01	17:40:08	17:40:11	17:40:49	00:01:07	00:01:48		
	14	17:40:49	17:40:51	17:42:01	17:42:04	17:42:43	00:01:10	00:01:52		
	15	17:42:43	17:42:45	17:43:53	17:43:56	17:44:32	00:01:08	00:01:47		
17:45 - 18:00	16	17:46:30	17:46:32	17:47:35	17:47:38	17:48:21	00:01:03	00:01:49	76	304
	17	17:50:13	17:50:15	17:51:12	17:51:15	17:51:58	00:00:57	00:01:43		
	18	17:53:57	17:53:59	17:55:09	17:55:12	17:55:54	00:01:10	00:01:55		
	19	17:55:54	17:55:56	17:56:54	17:56:57	17:57:44	00:00:58	00:01:48		
	20	17:57:44	17:57:46	17:58:46	17:58:49	17:59:31	00:01:00	00:01:45		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
11	00:00:22	1718	
11	00:00:20	1980	
13	00:00:23	2035	
14	00:00:26	1938	
7	00:00:12	2100	
8	00:00:13	2077	
12	00:00:23	1878	
11	00:00:22	1800	
14	00:00:23	2113	Average
10	00:00:19	1895	1953

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	152	608	00:01:34	00:00:53	1953	55.11%	
08:15 - 08:30	159	636	00:01:34	00:00:54	1953	56.76%	
08:30 - 08:45	128	512	00:01:34	00:00:54	1953	46.06%	Average
08:45 - 09:00	119	476	00:01:35	00:00:55	1953	42.40%	50.08%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	73	292	00:01:13	00:00:51	1953	27.15%	
17:15 - 17:30	57	228	00:01:18	00:00:59	1953	19.60%	
17:30 - 17:45	106	424	00:01:51	00:01:09	1953	34.85%	Average
17:45 - 18:00	76	304	00:01:48	00:01:02	1953	27.28%	27.22%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	0	0	2	06:00:56	0	0	0	0	0	1	0	0	0	2	06:00:59	0	0	0	0	0	0	0	0	0	0	06:01:34	00:01:25
0	0	0	0	0	0	1	0	2	06:12:57	1	0	0	0	0	0	0	0	0	1	06:13:00	0	0	0	0	0	0	0	0	0	0	06:13:35	00:01:31
0	0	0	0	0	0	0	0	0	06:14:36	0	0	0	0	0	0	0	0	0	0	06:14:39	0	0	0	0	0	0	0	0	0	0	06:15:16	00:01:37
0	0	1	0	1	0	0	0	5	06:16:14	0	0	1	0	0	0	0	0	0	1	06:16:17	0	0	0	0	0	0	0	0	0	0	06:16:57	00:01:37
0	0	0	0	1	0	1	0	4	06:22:37	0	0	0	0	0	0	0	0	0	0	06:22:40	0	0	0	0	0	0	0	0	0	0	06:23:20	00:01:35
1	2	0	0	0	1	0	0	11	06:30:40	0	0	0	0	0	0	0	0	0	0	06:30:43	0	0	0	0	0	0	0	0	0	0	06:31:19	00:01:35
0	2	0	0	0	0	0	0	4	06:33:52	1	0	0	0	0	0	0	0	0	1	06:33:55	0	0	0	0	0	0	0	0	0	0	06:34:32	00:01:34
0	0	0	0	0	0	0	0	7	06:45:06	1	0	0	0	0	0	0	0	0	1	06:45:09	0	0	0	0	0	0	0	0	0	0	06:45:45	00:01:34
0	1	0	0	0	0	0	0	1	06:48:18	0	0	1	0	0	0	0	0	0	1	06:48:21	0	0	0	0	0	0	0	0	0	0	06:48:57	00:01:34
0	0	0	0	1	0	0	0	5	06:56:17	1	0	0	0	0	0	0	0	0	1	06:56:20	0	0	0	0	0	0	0	0	0	0	06:56:57	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand*† (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand*† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:04	0	0	0	0	0	0	0	0	0	0	06:03:06	1	0	1	0	0	0	0	0	0	2	06:03:12	12	0	2	0	1	0	0	0	0	16	06:03:41	1
2	06:10:25	0	0	0	0	0	0	0	0	0	0	06:10:37	1	0	1	0	0	0	0	0	0	2	06:10:42	6	0	0	0	0	0	0	0	0	6	06:10:52	1
3	06:13:39	0	0	0	0	0	0	0	0	0	0	06:13:41	2	0	0	0	0	0	0	0	0	2	06:13:46	5	0	2	0	0	0	0	0	0	7	06:14:01	1
4	06:20:09	0	0	0	0	0	0	0	0	0	0	06:20:11	1	0	1	0	0	0	0	0	0	2	06:20:15	7	0	3	0	0	0	0	0	0	10	06:20:34	0
5	06:23:19	0	0	0	0	0	1	0	0	0	0	06:23:21	1	0	1	0	0	0	0	0	0	2	06:23:27	6	0	3	0	0	0	0	0	0	9	06:23:43	5
6	06:26:34	0	0	0	0	0	0	0	0	0	0	06:26:36	2	0	0	0	0	0	0	0	0	2	06:26:39	6	0	4	0	0	0	0	0	0	10	06:26:57	6
7	06:32:56	0	0	0	0	0	0	0	0	0	0	06:32:58	0	0	2	0	0	0	0	0	0	2	06:33:03	7	0	1	0	0	0	0	0	0	8	06:33:19	4
8	06:44:09	0	0	0	0	0	0	0	0	0	0	06:44:11	2	0	0	0	0	0	0	0	0	2	06:44:15	7	0	1	0	0	0	0	0	0	8	06:44:29	5
9	06:48:56	0	0	0	0	0	0	0	0	0	0	06:48:58	2	0	0	0	0	0	0	0	0	2	06:49:03	6	0	3	0	0	0	0	0	0	9	06:49:22	4
10	06:55:23	0	0	0	0	0	0	0	0	0	0	06:55:23	2	0	0	0	0	0	0	0	0	2	06:55:29	8	0	4	0	0	0	0	0	0	12	06:55:54	3

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:06	08:01:08	08:01:55	08:01:58	08:02:40	00:00:47	00:01:32	139	556
	2	08:04:14	08:04:16	08:05:09	08:05:12	08:05:49	00:00:53	00:01:33		
	3	08:07:27	08:07:29	08:08:24	08:08:27	08:09:07	00:00:55	00:01:38		
	4	08:09:07	08:09:09	08:10:05	08:10:08	08:10:44	00:00:56	00:01:35		
	5	08:12:16	08:12:18	08:13:13	08:13:16	08:13:51	00:00:55	00:01:33		
08:15 - 08:30	6	08:15:28	08:15:30	08:16:24	08:16:27	08:17:04	00:00:54	00:01:34	127	508
	7	08:18:39	08:18:41	08:19:36	08:19:39	08:20:16	00:00:55	00:01:33		
	8	08:21:51	08:21:53	08:22:48	08:22:51	08:23:28	00:00:55	00:01:35		
	9	08:25:08	08:25:10	08:26:05	08:26:08	08:26:46	00:00:55	00:01:36		
	10	08:28:20	08:28:22	08:29:12	08:29:15	08:29:51	00:00:50	00:01:29		
08:30 - 08:45	11	08:31:30	08:31:32	08:32:28	08:32:31	08:33:07	00:00:56	00:01:35	123	492
	12	08:34:43	08:34:45	08:35:40	08:35:43	08:36:20	00:00:55	00:01:35		
	13	08:37:55	08:37:57	08:38:52	08:38:55	08:39:36	00:00:55	00:01:39		
	14	08:41:15	08:41:17	08:42:06	08:42:09	08:42:44	00:00:49	00:01:27		
	15	08:42:44	08:42:46	08:43:39	08:43:42	08:44:21	00:00:53	00:01:35		
08:45 - 09:00	16	08:45:58	08:46:00	08:46:52	08:46:55	08:47:30	00:00:52	00:01:30	112	448
	17	08:49:02	08:49:04	08:49:59	08:50:02	08:50:45	00:00:55	00:01:41		
	18	08:52:20	08:52:22	08:53:18	08:53:21	08:53:58	00:00:56	00:01:36		
	19	08:55:33	08:55:35	08:56:30	08:56:33	08:57:09	00:00:55	00:01:34		
	20	08:58:45	08:58:47	08:59:42	08:59:45	09:00:21	00:00:55	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:22	17:00:24	17:01:21	17:01:24	17:02:04	00:00:57	00:01:40	75	300
	2	17:03:41	17:03:43	17:04:31	17:04:34	17:05:17	00:00:48	00:01:34		
	3	17:06:48	17:06:50	17:07:50	17:07:53	17:08:28	00:01:00	00:01:38		
	4	17:10:05	17:10:07	17:10:54	17:10:57	17:11:33	00:00:47	00:01:26		
	5	17:13:16	17:13:18	17:14:02	17:14:05	17:14:45	00:00:44	00:01:27		
17:15 - 17:30	6	17:16:24	17:16:26	17:17:20	17:17:23	17:17:59	00:00:54	00:01:33	52	208
	7	17:19:39	17:19:41	17:20:28	17:20:31	17:21:08	00:00:47	00:01:27		
	8	17:22:43	17:22:45	17:23:45	17:23:48	17:24:23	00:01:00	00:01:38		
	9	17:26:00	17:26:02	17:27:03	17:27:06	17:27:44	00:01:01	00:01:42		
	10	17:27:44	17:27:46	17:28:57	17:29:00	17:29:38	00:01:11	00:01:52		
17:30 - 17:45	11	17:31:17	17:31:19	17:32:39	17:32:42	17:33:18	00:01:20	00:01:59	94	376
	12	17:35:18	17:35:20	17:36:20	17:36:23	17:37:08	00:01:00	00:01:48		
	13	17:38:59	17:39:01	17:40:08	17:40:11	17:40:49	00:01:07	00:01:48		
	14	17:40:49	17:40:51	17:42:01	17:42:04	17:42:43	00:01:10	00:01:52		
	15	17:42:43	17:42:45	17:43:53	17:43:56	17:44:32	00:01:08	00:01:47		
17:45 - 18:00	16	17:46:30	17:46:32	17:47:35	17:47:38	17:48:21	00:01:03	00:01:49	65	260
	17	17:50:13	17:50:15	17:51:12	17:51:15	17:51:58	00:00:57	00:01:43		
	18	17:53:57	17:53:59	17:55:09	17:55:12	17:55:54	00:01:10	00:01:55		
	19	17:55:54	17:55:56	17:56:54	17:56:57	17:57:44	00:00:58	00:01:48		
	20	17:57:44	17:57:46	17:58:46	17:58:49	17:59:31	00:01:00	00:01:45		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
16	00:00:29	2023	
8	00:00:10	2160	
7	00:00:15	1680	
10	00:00:19	1895	
9	00:00:16	2025	
10	00:00:18	2000	
8	00:00:16	1800	
8	00:00:14	2057	
9	00:00:19	1705	Average
12	00:00:25	1728	1907

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	139	556	00:01:34	00:00:53	1907	51.82%	
08:15 - 08:30	127	508	00:01:34	00:00:54	1907	46.44%	
08:30 - 08:45	123	492	00:01:34	00:00:54	1907	45.33%	Average
08:45 - 09:00	112	448	00:01:35	00:00:55	1907	42.87%	46.86%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	75	300	00:01:33	00:00:51	1907	28.57%	
17:15 - 17:30	52	208	00:01:38	00:00:59	1907	18.31%	
17:30 - 17:45	94	376	00:01:51	00:01:09	1907	31.66%	Average
17:45 - 18:00	65	260	00:01:48	00:01:02	1907	23.90%	25.61%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	1	06:03:53	0	0	0	0	0	0	0	0	0	0	06:03:56	0	0	0	0	0	0	0	0	0	0	06:04:35	00:01:29
0	0	0	0	0	0	0	0	1	06:11:24	1	0	0	0	0	0	0	0	0	1	06:11:27	0	0	0	0	0	0	0	0	0	0	06:12:06	00:01:29
0	0	0	0	0	0	0	0	3	06:14:36	0	0	0	0	0	0	0	0	0	0	06:14:39	0	0	0	0	0	0	0	0	0	0	06:15:18	00:01:37
0	1	0	0	0	0	0	0	1	06:21:03	3	0	0	0	0	0	0	0	0	3	06:21:06	0	0	0	0	0	0	0	0	0	0	06:21:45	00:01:33
0	3	0	0	0	0	0	0	8	06:24:18	0	0	0	0	0	0	0	0	0	0	06:24:21	0	0	0	0	0	0	0	0	0	0	06:24:58	00:01:37
0	2	0	0	0	0	0	0	8	06:27:26	0	0	1	0	0	0	0	0	0	1	06:27:29	0	0	0	0	0	0	0	0	0	0	06:28:05	00:01:29
0	2	0	0	0	0	0	0	6	06:33:52	2	0	0	0	0	0	0	0	0	2	06:33:55	0	0	0	0	0	0	0	0	0	0	06:34:32	00:01:34
0	1	1	0	0	0	0	0	8	06:45:06	2	0	0	0	0	0	0	0	0	2	06:45:09	0	0	0	0	0	0	0	0	0	0	06:45:45	00:01:34
0	2	0	0	0	0	0	0	6	06:49:53	0	0	0	0	0	0	0	0	0	0	06:49:56	0	0	0	0	0	0	0	0	0	0	06:50:32	00:01:34
0	1	1	0	0	0	1	0	6	06:56:17	1	0	0	0	0	0	0	0	0	1	06:56:20	0	0	0	0	0	0	0	0	0	0	06:56:57	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:34	0	0	0	0	0	0	0	0	0	0	06:05:36	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:10:03	0	0	0	0	0	0	0	0	0	0	06:10:05	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:18:05	0	0	0	0	0	0	0	0	0	0	06:18:07	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:22:48	0	0	0	0	0	0	0	0	0	0	06:22:50	1	0	1	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:32:27	0	0	0	0	0	0	0	0	0	0	06:32:29	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:38:53	0	0	0	0	0	0	0	0	0	0	06:38:55	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:43:40	0	0	0	0	0	0	0	0	0	0	06:43:42	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:50:04	0	0	0	0	0	0	0	0	0	0	06:50:06	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:54:52	0	0	0	0	0	0	0	0	0	0	06:54:54	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:58:05	0	0	0	0	0	0	0	0	0	0	06:58:07	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:07	08:02:09	08:02:20	08:02:23	08:03:44	00:00:11	00:01:35	9	36
	2	08:05:21	08:05:23	08:05:30	08:05:33	08:07:00	00:00:07	00:01:37		
	3	08:08:35	08:08:37	08:08:49	08:08:52	08:10:15	00:00:12	00:01:38		
	4	08:10:15	08:10:17	08:10:24	08:10:27	08:11:47	00:00:07	00:01:30		
	5	08:11:47	08:11:49	08:11:56	08:11:59	08:13:23	00:00:07	00:01:34		
08:15 - 08:30	6	08:16:35	08:16:37	08:16:44	08:16:47	08:18:11	00:00:07	00:01:34	16	64
	7	08:18:11	08:18:13	08:18:20	08:18:23	08:19:47	00:00:07	00:01:34		
	8	08:19:47	08:19:49	08:19:57	08:20:00	08:21:23	00:00:08	00:01:34		
	9	08:24:35	08:24:37	08:24:49	08:24:52	08:26:15	00:00:12	00:01:38		
	10	08:26:15	08:26:17	08:26:27	08:26:30	08:27:48	00:00:10	00:01:33		
08:30 - 08:45	11	08:32:38	08:32:40	08:32:48	08:32:51	08:34:15	00:00:08	00:01:35	15	60
	12	08:35:51	08:35:53	08:36:00	08:36:03	08:37:27	00:00:07	00:01:34		
	13	08:37:27	08:37:29	08:37:36	08:37:39	08:39:04	00:00:07	00:01:35		
	14	08:39:04	08:39:06	08:39:16	08:39:19	08:40:42	00:00:10	00:01:36		
	15	08:42:16	08:42:18	08:42:25	08:42:28	08:43:49	00:00:07	00:01:31		
08:45 - 09:00	16	08:45:24	08:45:26	08:45:39	08:45:42	08:47:03	00:00:13	00:01:37	23	92
	17	08:47:02	08:47:04	08:47:11	08:47:14	08:48:33	00:00:07	00:01:29		
	18	08:51:48	08:51:50	08:52:01	08:52:04	08:53:29	00:00:11	00:01:39		
	19	08:53:29	08:53:31	08:53:38	08:53:41	08:55:06	00:00:07	00:01:35		
	20	08:55:05	08:55:07	08:55:14	08:55:17	08:56:42	00:00:07	00:01:35		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:34	17:01:36	17:01:47	17:01:50	17:03:11	00:00:11	00:01:35	21	84
	2	17:06:19	17:06:21	17:06:30	17:06:33	17:08:01	00:00:09	00:01:40		
	3	17:08:01	17:08:03	17:08:10	17:08:13	17:09:39	00:00:07	00:01:36		
	4	17:11:06	17:11:08	17:11:15	17:11:18	17:12:46	00:00:07	00:01:38		
	5	17:12:46	17:12:48	17:12:59	17:13:02	17:14:15	00:00:11	00:01:27		
17:15 - 17:30	6	17:15:58	17:16:00	17:16:07	17:16:10	17:17:33	00:00:07	00:01:33	24	96
	7	17:17:31	17:17:35	17:17:42	17:17:45	17:19:09	00:00:07	00:01:34		
	8	17:20:41	17:20:43	17:20:50	17:20:53	17:22:16	00:00:07	00:01:33		
	9	17:22:16	17:22:18	17:22:25	17:22:28	17:23:57	00:00:07	00:01:39		
	10	17:25:33	17:25:35	17:25:42	17:25:45	17:27:26	00:00:07	00:01:51		
17:30 - 17:45	11	17:30:50	17:30:52	17:30:59	17:31:02	17:32:51	00:00:07	00:01:59	28	112
	12	17:36:33	17:36:35	17:36:50	17:36:53	17:38:25	00:00:15	00:01:50		
	13	17:38:25	17:38:27	17:38:43	17:38:46	17:40:20	00:00:16	00:01:53		
	14	17:40:20	17:40:22	17:40:31	17:40:34	17:42:14	00:00:09	00:01:52		
	15	17:42:14	17:42:16	17:42:23	17:42:26	17:44:04	00:00:07	00:01:48		
17:45 - 18:00	16	17:45:57	17:45:59	17:46:12	17:46:15	17:47:47	00:00:13	00:01:48	27	108
	17	17:49:39	17:49:41	17:49:57	17:50:00	17:51:25	00:00:16	00:01:44		
	18	17:51:25	17:51:27	17:51:41	17:51:44	17:53:24	00:00:14	00:01:57		
	19	17:53:24	17:53:26	17:53:41	17:53:44	17:55:22	00:00:15	00:01:56		
	20	17:55:22	17:55:24	17:55:37	17:55:40	17:57:07	00:00:13	00:01:43		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	9	36	00:01:35	00:00:09	0	0.00%	
08:15 - 08:30	16	64	00:01:34	00:00:09	0	0.00%	
08:30 - 08:45	15	60	00:01:34	00:00:08	0	0.00%	Average
08:45 - 09:00	23	92	00:01:35	00:00:09	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	21	84	00:01:35	00:00:09	0	0.00%	
17:15 - 17:30	24	96	00:01:38	00:00:07	0	0.00%	
17:30 - 17:45	28	112	00:01:52	00:00:11	0	0.00%	Average
17:45 - 18:00	27	108	00:01:50	00:00:14	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:44	0	0	0	0	0	0	0	0	0	0	06:05:47	0	0	0	0	0	0	0	0	0	0	06:07:04	00:01:28
0	0	0	0	0	0	0	0	0	06:10:16	0	0	0	0	0	0	0	0	0	0	06:10:19	0	0	0	0	0	0	0	0	0	0	06:11:36	00:01:31
0	0	0	0	0	0	0	0	0	06:18:14	1	0	0	0	0	0	0	0	0	1	06:18:17	0	0	0	0	0	0	0	0	0	0	06:19:38	00:01:31
0	0	0	0	0	0	0	0	0	06:23:01	0	0	0	0	0	0	0	0	0	0	06:23:04	0	0	0	0	0	0	0	0	0	0	06:24:38	00:01:40
0	0	0	0	0	0	0	0	0	06:32:37	0	0	0	0	0	0	0	0	0	0	06:32:40	0	0	0	0	0	0	0	0	0	0	06:34:04	00:01:35
0	0	0	0	0	0	0	0	0	06:39:02	0	0	0	0	0	0	0	0	0	0	06:39:05	0	0	0	0	0	0	0	0	0	0	06:40:28	00:01:33
0	0	0	0	0	0	0	0	0	06:43:49	0	0	0	0	0	0	0	0	0	0	06:43:52	0	0	0	0	0	0	0	0	0	0	06:45:17	00:01:35
0	0	0	0	0	0	0	0	0	06:50:13	0	0	0	0	0	0	0	0	0	0	06:50:16	0	0	0	0	0	0	0	0	0	0	06:51:41	00:01:35
0	0	0	0	0	0	0	0	0	06:55:02	0	0	0	0	0	0	0	0	0	0	06:55:05	0	0	0	0	0	0	0	0	0	0	06:56:28	00:01:34
0	0	0	0	0	0	0	0	0	06:58:14	0	0	0	0	0	0	0	0	0	0	06:58:17	0	0	0	0	0	0	0	0	0	0	06:59:41	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:11	0	0	0	0	0	0	0	0	0	0	06:03:13	0	1	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:09:06	0	0	0	0	0	0	0	0	0	0	06:09:08	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:15:25	0	0	0	0	0	0	0	0	0	0	06:15:27	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
4	06:20:16	0	0	0	0	0	0	0	0	0	0	06:20:18	0	3	0	0	0	2	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
5	06:25:05	0	0	0	0	0	0	0	0	0	0	06:25:07	0	2	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:31:26	0	0	0	0	0	0	0	0	0	0	06:31:28	0	0	0	0	0	2	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
7	06:37:52	0	0	0	0	0	0	0	0	0	0	06:37:54	0	1	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:44:16	0	0	0	0	0	0	0	0	0	0	06:44:18	0	0	0	0	0	0	1	0	1	2		0	0	0	0	0	0	0	0	0	0		0
9	06:50:40	0	0	0	0	0	0	0	0	0	0	06:50:42	0	5	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
10	06:58:40	0	0	0	0	0	0	0	0	0	0	06:58:42	1	3	0	0	0	0	0	3	3	6		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:12	08:01:14	08:02:01	08:02:04	08:02:46	00:00:47	00:01:32	64	256
	2	08:02:46	08:02:48	08:03:38	08:03:41	08:04:21	00:00:50	00:01:33		
	3	08:05:55	08:06:57	08:06:54	08:06:57	08:07:34	00:00:57	00:01:37		
	4	08:09:14	08:09:16	08:10:10	08:10:13	08:10:50	00:00:54	00:01:34		
	5	08:13:50	08:13:52	08:11:42	08:11:45	08:12:22	00:00:50	00:01:30		
08:15 - 08:30	6	08:15:34	08:15:36	08:16:30	08:16:33	08:17:10	00:00:54	00:01:34	73	292
	7	08:17:10	08:17:12	08:18:06	08:18:09	08:18:46	00:00:54	00:01:34		
	8	08:18:46	08:18:48	08:19:42	08:19:45	08:20:22	00:00:54	00:01:34		
	9	08:20:22	08:20:24	08:21:18	08:21:21	08:21:58	00:00:54	00:01:34		
	10	08:21:58	08:22:00	08:22:54	08:22:57	08:23:34	00:00:54	00:01:34		
08:30 - 08:45	11	08:31:37	08:31:39	08:32:33	08:32:36	08:33:13	00:00:54	00:01:34	74	296
	12	08:33:13	08:33:15	08:34:10	08:34:13	08:34:50	00:00:55	00:01:35		
	13	08:34:50	08:34:52	08:35:46	08:35:49	08:36:26	00:00:54	00:01:34		
	14	08:36:26	08:36:28	08:37:22	08:37:25	08:38:02	00:00:54	00:01:34		
	15	08:38:02	08:38:04	08:38:58	08:39:01	08:39:42	00:00:54	00:01:38		
08:45 - 09:00	16	08:46:05	08:46:07	08:46:57	08:47:00	08:47:38	00:00:50	00:01:31	60	240
	17	08:47:38	08:47:40	08:48:28	08:48:31	08:49:09	00:00:48	00:01:29		
	18	08:49:09	08:49:11	08:50:05	08:50:08	08:50:52	00:00:54	00:01:41		
	19	08:52:27	08:52:29	08:53:24	08:53:27	08:54:05	00:00:55	00:01:36		
	20	08:54:04	08:54:06	08:55:00	08:55:03	08:55:40	00:00:54	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:31	17:00:33	17:01:29	17:01:32	17:02:13	00:00:56	00:01:40	114	456
	2	17:02:13	17:02:15	17:03:06	17:03:09	17:03:50	00:00:51	00:01:35		
	3	17:03:50	17:03:52	17:04:39	17:04:42	17:05:26	00:00:47	00:01:34		
	4	17:05:26	17:05:28	17:06:14	17:06:17	17:06:57	00:00:46	00:01:29		
	5	17:08:37	17:08:39	17:09:33	17:09:36	17:10:13	00:00:54	00:01:34		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:28	17:17:31	17:18:08	00:00:53	00:01:33	70	280
	7	17:18:08	17:18:10	17:19:04	17:19:07	17:19:48	00:00:54	00:01:38		
	8	17:21:16	17:21:18	17:22:12	17:22:15	17:22:52	00:00:54	00:01:34		
	9	17:24:32	17:24:34	17:25:28	17:25:31	17:26:08	00:00:54	00:01:34		
	10	17:26:08	17:26:10	17:27:11	17:27:14	17:27:52	00:01:01	00:01:42		
17:30 - 17:45	11	17:31:26	17:31:28	17:32:46	17:32:49	17:33:25	00:01:16	00:01:58	103	412
	12	17:35:27	17:35:29	17:36:28	17:36:31	17:37:16	00:00:59	00:01:47		
	13	17:39:08	17:39:10	17:40:15	17:40:18	17:40:57	00:01:05	00:01:47		
	14	17:40:57	17:40:59	17:42:09	17:42:12	17:42:49	00:01:10	00:01:50		
	15	17:42:49	17:42:51	17:44:00	17:44:03	17:44:40	00:01:09	00:01:49		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:42	17:47:45	17:48:30	00:01:02	00:01:50	108	432
	17	17:50:22	17:50:24	17:51:20	17:51:23	17:52:07	00:00:56	00:01:43		
	18	17:54:06	17:54:08	17:55:17	17:55:20	17:56:02	00:01:09	00:01:54		
	19	17:57:53	17:57:55	17:58:54	17:58:57	17:59:40	00:00:59	00:01:45		
	20	17:59:40	17:59:42	18:00:40	18:00:43	18:01:32	00:00:58	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	64	256	00:01:33	00:00:52	0	0.00%	
08:15 - 08:30	73	292	00:01:34	00:00:54	0	0.00%	
08:30 - 08:45	74	296	00:01:35	00:00:54	0	0.00%	Average
08:45 - 09:00	60	240	00:01:34	00:00:52	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	114	456	00:01:34	00:00:51	0	0.00%	
17:15 - 17:30	70	280	00:01:36	00:00:53	0	0.00%	
17:30 - 17:45	103	412	00:01:50	00:01:08	0	0.00%	Average
17:45 - 18:00	108	432	00:01:48	00:01:01	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:59	0	0	0	0	0	0	0	0	0	0	06:04:02	0	0	0	0	0	0	0	0	0	0	06:04:43	00:01:30
0	0	0	0	0	0	0	0	0	06:09:58	0	0	0	0	0	0	0	0	0	0	06:10:01	0	0	0	0	0	0	0	0	0	0	06:10:42	00:01:34
0	0	0	0	0	0	0	0	0	06:16:20	0	0	0	0	0	0	0	0	0	0	06:16:23	0	0	0	0	0	0	0	0	0	0	06:17:04	00:01:37
0	0	0	0	0	0	0	0	0	06:21:10	0	0	0	0	0	0	0	0	0	0	06:21:13	0	0	0	0	0	0	0	0	0	0	06:21:50	00:01:32
0	0	0	0	0	0	0	0	0	06:26:01	0	0	0	0	0	0	0	0	0	0	06:26:04	0	0	0	0	0	0	0	0	0	0	06:26:42	00:01:35
0	0	0	0	0	0	0	0	0	06:32:22	0	0	0	0	0	0	0	0	0	0	06:32:25	0	0	0	0	0	0	0	0	0	0	06:33:03	00:01:35
0	0	0	0	0	0	0	0	0	06:38:48	0	0	0	0	0	0	0	0	0	0	06:38:51	0	0	0	0	0	0	0	0	0	0	06:39:28	00:01:34
0	0	0	0	0	0	0	0	0	06:45:12	0	0	0	0	0	0	0	0	0	0	06:45:15	0	0	0	0	0	0	0	0	0	0	06:45:52	00:01:34
0	0	0	0	0	0	0	0	0	06:51:36	0	0	0	0	0	0	0	0	0	0	06:51:39	0	0	0	0	0	0	0	0	0	0	06:52:16	00:01:34
0	0	0	0	0	0	0	0	0	06:59:35	0	0	0	0	0	0	0	0	0	0	06:59:38	0	0	0	0	0	0	0	0	0	0	07:00:16	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand†										Time at Start of Full Demand†† (hh:mm:ss)	Vehicle Classifications During Full Demand††										Time at End of Full Demand†† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:10:42	0	0	0	0	0	0	0	0	0	0	06:10:44	2	0	0	0	0	0	0	0	0	2	06:10:50	7	0	0	0	0	0	0	0	0	7	06:11:03	5
2	06:20:16	0	0	0	0	0	0	0	0	0	0	06:20:18	1	0	0	1	0	0	0	0	0	3	06:20:25	2	2	2	0	1	0	0	1	0	8	06:20:41	6
3	06:23:26	0	0	0	0	0	0	0	0	0	0	06:23:28	2	0	0	0	0	0	0	0	0	2	06:23:34	5	0	0	1	0	0	1	1	0	9	06:23:51	4
4	06:29:49	0	0	0	0	0	0	0	0	0	0	06:29:51	2	0	0	0	0	0	0	0	0	2	06:29:55	6	0	0	1	0	0	0	0	0	7	06:30:09	6
5	06:33:03	0	0	0	0	0	0	0	0	0	0	06:33:05	1	0	0	0	0	1	0	0	0	3	06:33:11	3	0	0	3	0	0	0	0	0	6	06:33:23	5
6	06:36:16	0	0	0	0	0	0	0	0	0	0	06:36:18	8	2	3	0	0	0	0	0	0	13		0	0	0	0	0	0	0	0	0	0		0
7	06:44:16	0	0	0	0	0	0	0	0	0	0	06:44:18	6	0	4	1	0	0	0	1	0	12		0	0	0	0	0	0	0	0	0	0		0
8	06:49:04	0	0	0	0	0	0	0	0	0	0	06:49:06	7	0	4	0	0	1	0	0	0	13		0	0	0	0	0	0	0	0	0	0		0
9	06:55:28	0	0	0	0	0	0	0	0	0	0	06:55:30	7	1	1	0	0	1	0	1	0	11		0	0	0	0	0	0	0	0	0	0		0
10	06:58:40	0	0	0	0	0	0	0	0	0	0	06:58:42	1	1	0	0	0	0	0	0	0	2	06:58:46	12	0	1	1	0	0	0	1	0	15	06:59:17	2

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:12	08:01:14	08:02:01	08:02:04	08:02:46	00:00:47	00:01:32	154	616
	2	08:02:46	08:02:48	08:03:38	08:03:41	08:04:21	00:00:50	00:01:33		
	3	08:05:55	08:06:57	08:06:54	08:06:57	08:07:34	00:00:57	00:01:37		
	4	08:09:14	08:09:16	08:10:10	08:10:13	08:10:50	00:00:54	00:01:34		
	5	08:10:50	08:10:52	08:11:42	08:11:45	08:12:22	00:00:50	00:01:30		
08:15 - 08:30	6	08:15:34	08:15:36	08:16:30	08:16:33	08:17:10	00:00:54	00:01:34	157	628
	7	08:17:10	08:17:12	08:18:06	08:18:09	08:18:46	00:00:54	00:01:34		
	8	08:18:46	08:18:48	08:19:42	08:19:45	08:20:22	00:00:54	00:01:34		
	9	08:20:22	08:20:24	08:21:18	08:21:21	08:21:58	00:00:54	00:01:34		
	10	08:21:58	08:22:00	08:22:54	08:22:57	08:23:34	00:00:54	00:01:34		
08:30 - 08:45	11	08:31:37	08:31:39	08:32:33	08:32:36	08:33:13	00:00:54	00:01:34	148	592
	12	08:33:13	08:33:15	08:34:10	08:34:13	08:34:50	00:00:55	00:01:35		
	13	08:34:50	08:34:52	08:35:46	08:35:49	08:36:26	00:00:54	00:01:34		
	14	08:36:26	08:36:28	08:37:22	08:37:25	08:38:02	00:00:54	00:01:34		
	15	08:38:02	08:38:04	08:38:58	08:39:01	08:39:42	00:00:54	00:01:38		
08:45 - 09:00	16	08:46:05	08:46:07	08:46:57	08:47:00	08:47:38	00:00:50	00:01:31	148	592
	17	08:47:38	08:47:40	08:48:28	08:48:31	08:49:09	00:00:48	00:01:29		
	18	08:49:09	08:49:11	08:50:05	08:50:08	08:50:52	00:00:54	00:01:41		
	19	08:52:27	08:52:29	08:53:24	08:53:27	08:54:05	00:00:55	00:01:36		
	20	08:54:04	08:54:06	08:55:00	08:55:03	08:55:40	00:00:54	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:31	17:00:33	17:01:29	17:01:32	17:02:13	00:00:56	00:01:40	133	532
	2	17:02:13	17:02:15	17:03:06	17:03:09	17:03:50	00:00:51	00:01:35		
	3	17:03:50	17:03:52	17:04:39	17:04:42	17:05:26	00:00:47	00:01:34		
	4	17:05:26	17:05:28	17:06:14	17:06:17	17:06:57	00:00:46	00:01:29		
	5	17:08:37	17:08:39	17:09:33	17:09:36	17:10:13	00:00:54	00:01:34		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:28	17:17:31	17:18:08	00:00:53	00:01:33	151	604
	7	17:18:08	17:18:10	17:19:04	17:19:07	17:19:48	00:00:54	00:01:38		
	8	17:21:16	17:21:18	17:22:12	17:22:15	17:22:52	00:00:56	00:01:34		
	9	17:24:32	17:24:34	17:25:28	17:25:31	17:26:08	00:00:54	00:01:34		
	10	17:26:08	17:26:10	17:27:11	17:27:14	17:27:52	00:01:01	00:01:42		
17:30 - 17:45	11	17:31:26	17:31:28	17:32:46	17:32:49	17:33:25	00:01:16	00:01:58	170	680
	12	17:35:27	17:35:29	17:36:28	17:36:31	17:37:16	00:00:59	00:01:47		
	13	17:39:08	17:39:10	17:40:15	17:40:18	17:40:57	00:01:05	00:01:47		
	14	17:40:57	17:40:59	17:42:09	17:42:12	17:42:49	00:01:10	00:01:50		
	15	17:42:49	17:42:51	17:44:00	17:44:03	17:44:40	00:01:09	00:01:49		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:42	17:47:45	17:48:30	00:01:02	00:01:50	173	692
	17	17:50:22	17:50:24	17:51:20	17:51:23	17:52:07	00:00:56	00:01:43		
	18	17:54:06	17:54:08	17:55:17	17:55:20	17:56:02	00:01:09	00:01:54		
	19	17:57:53	17:57:55	17:58:54	17:58:57	17:59:40	00:00:59	00:01:45		
	20	17:59:40	17:59:42	18:00:40	18:00:43	18:01:32	00:00:58	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
7	00:00:13	1938	
8	00:00:16	1800	
9	00:00:17	1885	
7	00:00:14	1800	
6	00:00:12	1800	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
15	00:00:31	1720	1826

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	154	616	00:01:33	00:00:52	1826	60.95%	
08:15 - 08:30	157	628	00:01:34	00:00:54	1826	59.88%	
08:30 - 08:45	148	592	00:01:35	00:00:54	1826	56.84%	Average
08:45 - 09:00	148	592	00:01:34	00:00:52	1826	58.52%	59.05%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	133	532	00:01:34	00:00:51	1826	54.15%	
17:15 - 17:30	151	604	00:01:36	00:00:55	1826	57.66%	
17:30 - 17:45	170	680	00:01:50	00:01:08	1826	60.19%	Average
17:45 - 18:00	173	692	00:01:48	00:01:01	1826	67.58%	59.90%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
1	0	2	0	0	0	0	0	9	06:11:30	0	0	0	0	0	0	0	0	0	0	06:11:33	0	0	0	0	0	0	0	0	0	0	06:12:13	00:01:29
0	0	0	0	0	0	0	0	6	06:21:10	0	0	0	0	0	0	0	0	0	0	06:21:13	0	0	0	0	0	0	0	0	0	0	06:21:50	00:01:32
1	1	1	0	0	0	2	0	8	06:24:24	0	0	0	1	0	0	0	0	0	2	06:24:27	0	0	0	0	0	0	0	0	0	0	06:25:04	00:01:36
1	0	0	0	0	0	1	0	7	06:30:45	1	0	0	0	0	0	0	0	0	1	06:30:48	0	0	0	0	0	0	0	0	0	0	06:31:26	00:01:35
0	3	1	0	0	0	2	0	10	06:33:58	1	0	0	0	0	0	0	0	0	1	06:34:01	0	0	0	0	0	0	0	0	0	0	06:34:38	00:01:33
0	0	0	0	0	0	0	0	0	06:37:11	1	0	0	0	0	0	0	0	0	1	06:37:14	0	0	0	0	0	0	0	0	0	0	06:37:52	00:01:34
0	0	0	0	0	0	0	0	0	06:40:12	0	0	0	0	0	0	0	0	0	0	06:40:15	0	0	0	0	0	0	0	0	0	0	06:40:52	00:01:34
0	0	0	0	0	0	0	0	0	06:49:59	0	0	0	0	0	0	0	0	0	0	06:50:02	0	0	0	0	0	0	0	0	0	0	06:50:40	00:01:34
0	0	0	0	0	0	0	0	0	06:56:23	0	0	0	0	0	0	0	0	0	0	06:56:26	0	0	0	0	0	0	0	0	0	0	06:57:04	00:01:34
2	0	0	0	0	0	0	0	4	06:59:35	0	0	0	1	0	0	0	1	0	2	06:59:38	0	0	0	0	0	0	0	0	0	0	07:00:16	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:07:38	0	0	0	0	0	0	0	0	0	0	06:07:40	1	0	0	1	0	0	0	0	0	3	06:07:47	6	0	0	0	0	0	0	0	0	6	06:07:58	3
2	06:12:13	0	0	0	0	0	0	0	0	0	0	06:12:15	1	0	0	1	0	0	0	0	0	2	06:12:22	5	0	1	0	0	0	0	0	0	6	06:12:30	5
3	06:28:13	0	0	0	0	0	0	0	0	0	0	06:28:15	2	0	0	0	0	0	0	0	0	2	06:28:19	9	1	3	0	0	0	1	1	0	15	06:28:46	1
4	06:31:26	0	0	0	0	0	0	0	0	0	0	06:31:28	2	0	0	0	0	0	0	0	0	2	06:31:35	2	0	4	0	0	0	0	0	0	6	06:31:47	9
5	06:36:16	0	0	0	0	0	0	0	0	0	0	06:36:18	2	0	0	0	0	0	0	0	0	2	06:36:26	10	0	2	0	0	0	0	1	0	12	06:36:47	6
6	06:39:27	0	0	0	0	0	0	0	0	0	0	06:39:29	1	0	1	0	0	0	0	0	0	2	06:39:41	4	1	2	1	0	0	0	0	0	9	06:39:56	5
7	06:44:16	0	0	0	0	0	0	0	0	0	0	06:44:18	2	0	0	0	0	0	0	0	0	2	06:44:39	5	0	1	0	0	0	0	1	0	6	06:44:49	4
8	06:49:04	0	0	0	0	0	0	0	0	0	0	06:49:06	1	0	1	0	0	0	0	0	0	2	06:49:20	6	0	4	0	0	0	0	0	0	10	06:49:39	1
9	06:50:40	0	0	0	0	0	0	0	0	0	0	06:50:42	1	1	0	0	0	0	0	0	0	2	06:50:48	3	0	3	0	0	0	0	1	0	8	06:51:02	4
10	06:55:28	0	0	0	0	0	0	0	0	0	0	06:55:30	2	0	0	0	0	0	0	0	0	2	06:55:42	3	0	6	1	0	0	0	1	0	11	06:56:05	2

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:12	08:01:14	08:02:01	08:02:04	08:02:46	00:00:47	00:01:32	177	708
	2	08:02:46	08:02:48	08:03:38	08:03:41	08:04:21	00:00:50	00:01:33		
	3	08:05:55	08:06:57	08:06:54	08:06:57	08:07:34	00:00:57	00:01:37		
	4	08:09:14	08:09:16	08:10:10	08:10:13	08:10:50	00:00:54	00:01:34		
	5	08:10:50	08:10:52	08:11:42	08:11:45	08:12:22	00:00:50	00:01:30		
08:15 - 08:30	6	08:15:34	08:15:36	08:16:30	08:16:33	08:17:10	00:00:54	00:01:34	188	752
	7	08:17:10	08:17:12	08:18:06	08:18:09	08:18:46	00:00:54	00:01:34		
	8	08:18:46	08:18:48	08:19:42	08:19:45	08:20:22	00:00:54	00:01:34		
	9	08:20:22	08:20:24	08:21:18	08:21:21	08:21:58	00:00:54	00:01:34		
	10	08:21:58	08:22:00	08:22:54	08:22:57	08:23:34	00:00:54	00:01:34		
08:30 - 08:45	11	08:31:37	08:31:39	08:32:33	08:32:36	08:33:13	00:00:54	00:01:34	170	680
	12	08:33:13	08:33:15	08:34:10	08:34:13	08:34:50	00:00:55	00:01:35		
	13	08:34:50	08:34:52	08:35:46	08:35:49	08:36:26	00:00:54	00:01:34		
	14	08:36:26	08:36:28	08:37:22	08:37:25	08:38:02	00:00:54	00:01:34		
	15	08:38:02	08:38:04	08:38:58	08:39:01	08:39:42	00:00:54	00:01:38		
08:45 - 09:00	16	08:46:05	08:46:07	08:46:57	08:47:00	08:47:38	00:00:50	00:01:31	174	696
	17	08:47:38	08:47:40	08:48:28	08:48:31	08:49:09	00:00:48	00:01:29		
	18	08:49:09	08:49:11	08:50:05	08:50:08	08:50:52	00:00:54	00:01:41		
	19	08:52:27	08:52:29	08:53:24	08:53:27	08:54:05	00:00:55	00:01:36		
	20	08:54:04	08:54:06	08:55:00	08:55:03	08:55:40	00:00:54	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:31	17:00:33	17:01:29	17:01:32	17:02:13	00:00:56	00:01:40	154	616
	2	17:02:13	17:02:15	17:03:06	17:03:09	17:03:50	00:00:51	00:01:35		
	3	17:03:50	17:03:52	17:04:39	17:04:42	17:05:26	00:00:47	00:01:34		
	4	17:05:26	17:05:28	17:06:14	17:06:17	17:06:57	00:00:46	00:01:29		
	5	17:08:37	17:08:39	17:09:33	17:09:36	17:10:13	00:00:54	00:01:34		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:28	17:17:31	17:18:08	00:00:53	00:01:33	145	580
	7	17:18:08	17:18:10	17:19:04	17:19:07	17:19:48	00:00:54	00:01:38		
	8	17:21:16	17:21:18	17:22:12	17:22:15	17:22:52	00:00:54	00:01:34		
	9	17:24:32	17:24:34	17:25:28	17:25:31	17:26:08	00:00:54	00:01:34		
	10	17:26:08	17:26:10	17:27:11	17:27:14	17:27:52	00:01:01	00:01:42		
17:30 - 17:45	11	17:31:26	17:31:28	17:32:46	17:32:49	17:33:25	00:01:16	00:01:58	191	764
	12	17:35:27	17:35:29	17:36:28	17:36:31	17:37:16	00:00:59	00:01:47		
	13	17:39:08	17:39:10	17:40:15	17:40:18	17:40:57	00:01:05	00:01:47		
	14	17:40:57	17:40:59	17:42:09	17:42:12	17:42:49	00:01:10	00:01:50		
	15	17:42:49	17:42:51	17:44:00	17:44:03	17:44:40	00:01:09	00:01:49		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:42	17:47:45	17:48:30	00:01:02	00:01:50	166	664
	17	17:50:22	17:50:24	17:51:20	17:51:23	17:52:07	00:00:56	00:01:43		
	18	17:54:06	17:54:08	17:55:17	17:55:20	17:56:02	00:01:09	00:01:54		
	19	17:57:53	17:57:55	17:58:54	17:58:57	17:59:40	00:00:59	00:01:45		
	20	17:59:40	17:59:42	18:00:40	18:00:43	18:01:32	00:00:58	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:11	1964	
6	00:00:08	2700	
15	00:00:27	2053	
6	00:00:12	1800	
12	00:00:21	2126	
9	00:00:15	2060	
6	00:00:10	2304	
10	00:00:19	1895	
8	00:00:14	2057	Average
11	00:00:23	1706	2064

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	177	708	00:01:33	00:00:52	2064	61.94%	
08:15 - 08:30	188	752	00:01:34	00:00:54	2064	63.41%	
08:30 - 08:45	170	680	00:01:35	00:00:54	2064	57.73%	Average
08:45 - 09:00	174	696	00:01:34	00:00:52	2064	60.84%	60.98%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	154	616	00:01:34	00:00:51	2064	55.45%	
17:15 - 17:30	145	580	00:01:36	00:00:53	2064	48.96%	
17:30 - 17:45	191	764	00:01:50	00:01:08	2064	59.80%	Average
17:45 - 18:00	166	664	00:01:48	00:01:01	2064	57.34%	55.30%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	1	0	0	0	1	0	5	06:08:25	0	0	0	0	0	0	0	0	0	0	06:08:28	0	0	0	0	0	0	0	0	0	0	06:09:06	00:01:26
0	3	1	0	0	0	0	0	10	06:13:02	1	0	0	0	0	0	0	0	0	1	06:13:05	0	0	0	0	0	0	0	0	0	0	06:13:46	00:01:31
0	3	0	0	0	0	0	0	6	06:25:08	0	0	0	0	0	0	0	0	0	0	06:25:11	0	0	0	0	0	0	0	0	0	0	06:25:48	00:01:33
0	1	1	0	0	0	0	0	11	06:32:22	1	0	0	0	0	0	0	0	0	1	06:32:26	0	0	0	0	0	0	0	0	0	0	06:33:03	00:01:35
0	2	0	1	0	0	0	0	10	06:37:11	0	0	0	1	0	0	0	0	0	2	06:37:14	0	0	0	0	0	0	0	0	0	0	06:37:52	00:01:34
0	1	0	0	0	0	0	1	6	06:40:23	1	0	0	0	0	0	0	0	0	1	06:40:26	0	0	0	0	0	0	0	0	0	0	06:41:04	00:01:35
0	5	0	0	0	0	0	0	9	06:45:12	1	0	0	0	0	0	0	0	0	1	06:45:15	0	0	0	0	0	0	0	0	0	0	06:45:52	00:01:34
0	1	0	1	0	0	0	0	4	06:49:59	0	0	1	0	0	0	0	0	0	1	06:50:02	0	0	0	0	0	0	0	0	0	0	06:50:40	00:01:34
0	1	0	3	0	0	0	0	12	06:51:36	0	0	0	0	0	0	0	0	0	0	06:51:39	0	0	0	0	0	0	0	0	0	0	06:52:16	00:01:34
0	2	1	0	0	0	0	0	6	06:56:23	0	0	1	0	0	0	0	0	0	1	06:56:26	0	0	0	0	0	0	0	0	0	0	06:57:04	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 38
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:42	0	0	0	0	0	0	0	0	0	0	06:04:44	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:15:25	0	0	0	0	0	0	0	0	0	0	06:15:27	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:20:16	0	0	0	0	0	0	0	0	0	0	06:20:18	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:25:05	0	0	0	0	0	0	0	0	0	0	06:25:07	0	0	0	0	0	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:29:49	0	0	0	0	0	0	0	0	0	0	06:29:51	0	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:36:16	0	0	0	0	0	0	0	0	0	0	06:36:18	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:41:04	0	0	0	0	0	0	0	0	0	0	06:41:06	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:45:52	0	0	0	0	0	0	0	0	0	0	06:45:54	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:50:40	0	0	0	0	0	0	0	0	0	0	06:50:42	0	0	1	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:58:40	0	0	0	0	0	0	0	0	0	0	06:58:42	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:12	08:01:14	08:02:01	08:02:04	08:02:46	00:00:47	00:01:32	13	52
	2	08:02:46	08:02:48	08:03:38	08:03:41	08:04:21	00:00:50	00:01:33		
	3	08:05:55	08:05:57	08:06:54	08:06:57	08:07:34	00:00:57	00:01:37		
	4	08:09:14	08:09:16	08:10:10	08:10:13	08:10:50	00:00:54	00:01:34		
	5	08:10:50	08:10:52	08:11:42	08:11:45	08:12:22	00:00:50	00:01:30		
08:15 - 08:30	6	08:15:34	08:15:36	08:16:30	08:16:33	08:17:10	00:00:54	00:01:34	14	56
	7	08:17:10	08:17:12	08:18:06	08:18:09	08:18:46	00:00:54	00:01:34		
	8	08:18:46	08:18:48	08:19:42	08:19:45	08:20:22	00:00:54	00:01:34		
	9	08:20:22	08:20:24	08:21:18	08:21:21	08:21:58	00:00:54	00:01:34		
	10	08:21:58	08:22:00	08:22:54	08:22:57	08:23:34	00:00:54	00:01:34		
08:30 - 08:45	11	08:31:37	08:31:39	08:32:33	08:32:36	08:33:13	00:00:54	00:01:34	21	84
	12	08:33:13	08:33:15	08:34:10	08:34:13	08:34:50	00:00:55	00:01:35		
	13	08:34:50	08:34:52	08:35:46	08:35:49	08:36:26	00:00:54	00:01:34		
	14	08:36:26	08:36:28	08:37:22	08:37:25	08:38:02	00:00:54	00:01:34		
	15	08:38:02	08:38:04	08:38:58	08:39:01	08:39:42	00:00:54	00:01:38		
08:45 - 09:00	16	08:46:05	08:46:07	08:46:57	08:47:00	08:47:38	00:00:50	00:01:31	36	144
	17	08:47:38	08:47:40	08:48:28	08:48:31	08:49:09	00:00:48	00:01:29		
	18	08:49:09	08:49:11	08:50:05	08:50:08	08:50:52	00:00:54	00:01:41		
	19	08:52:27	08:52:29	08:53:24	08:53:27	08:54:05	00:00:55	00:01:36		
	20	08:54:04	08:54:06	08:55:00	08:55:03	08:55:40	00:00:54	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:31	17:00:33	17:01:29	17:01:32	17:02:13	00:00:56	00:01:40	11	44
	2	17:02:13	17:02:15	17:03:06	17:03:09	17:03:50	00:00:51	00:01:35		
	3	17:03:50	17:03:52	17:04:39	17:04:42	17:05:26	00:00:47	00:01:34		
	4	17:05:26	17:05:28	17:06:14	17:06:17	17:06:57	00:00:46	00:01:29		
	5	17:08:37	17:08:39	17:09:33	17:09:36	17:10:13	00:00:54	00:01:34		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:28	17:17:31	17:18:08	00:00:53	00:01:33	12	48
	7	17:18:08	17:18:10	17:19:04	17:19:07	17:19:48	00:00:54	00:01:38		
	8	17:21:16	17:21:18	17:22:12	17:22:15	17:22:52	00:00:54	00:01:34		
	9	17:24:32	17:24:34	17:25:28	17:25:31	17:26:08	00:00:54	00:01:34		
	10	17:26:08	17:26:10	17:27:11	17:27:14	17:27:52	00:01:01	00:01:42		
17:30 - 17:45	11	17:31:26	17:31:28	17:32:46	17:32:49	17:33:25	00:01:16	00:01:58	18	72
	12	17:35:27	17:35:29	17:36:28	17:36:31	17:37:16	00:00:59	00:01:47		
	13	17:39:08	17:39:10	17:40:15	17:40:18	17:40:57	00:01:05	00:01:47		
	14	17:40:57	17:40:59	17:42:09	17:42:12	17:42:49	00:01:10	00:01:50		
	15	17:42:49	17:42:51	17:44:00	17:44:03	17:44:40	00:01:09	00:01:49		
17:45 - 18:00	16	17:46:38	17:46:40	17:47:42	17:47:45	17:48:30	00:01:02	00:01:50	17	68
	17	17:50:22	17:50:24	17:51:20	17:51:23	17:52:07	00:00:56	00:01:43		
	18	17:54:06	17:54:08	17:55:17	17:55:20	17:56:02	00:01:09	00:01:54		
	19	17:57:53	17:57:55	17:58:54	17:58:57	17:59:40	00:00:59	00:01:45		
	20	17:59:40	17:59:42	18:00:40	18:00:43	18:01:32	00:00:58	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	13	52	00:01:33	00:00:52	0	0.00%	
08:15 - 08:30	14	56	00:01:34	00:00:54	0	0.00%	
08:30 - 08:45	21	84	00:01:35	00:00:54	0	0.00%	Average
08:45 - 09:00	36	144	00:01:34	00:00:52	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	11	44	00:01:34	00:00:51	0	0.00%	
17:15 - 17:30	12	48	00:01:36	00:00:55	0	0.00%	
17:30 - 17:45	18	72	00:01:50	00:01:08	0	0.00%	Average
17:45 - 18:00	17	68	00:01:48	00:01:01	0	0.00%	0.00%

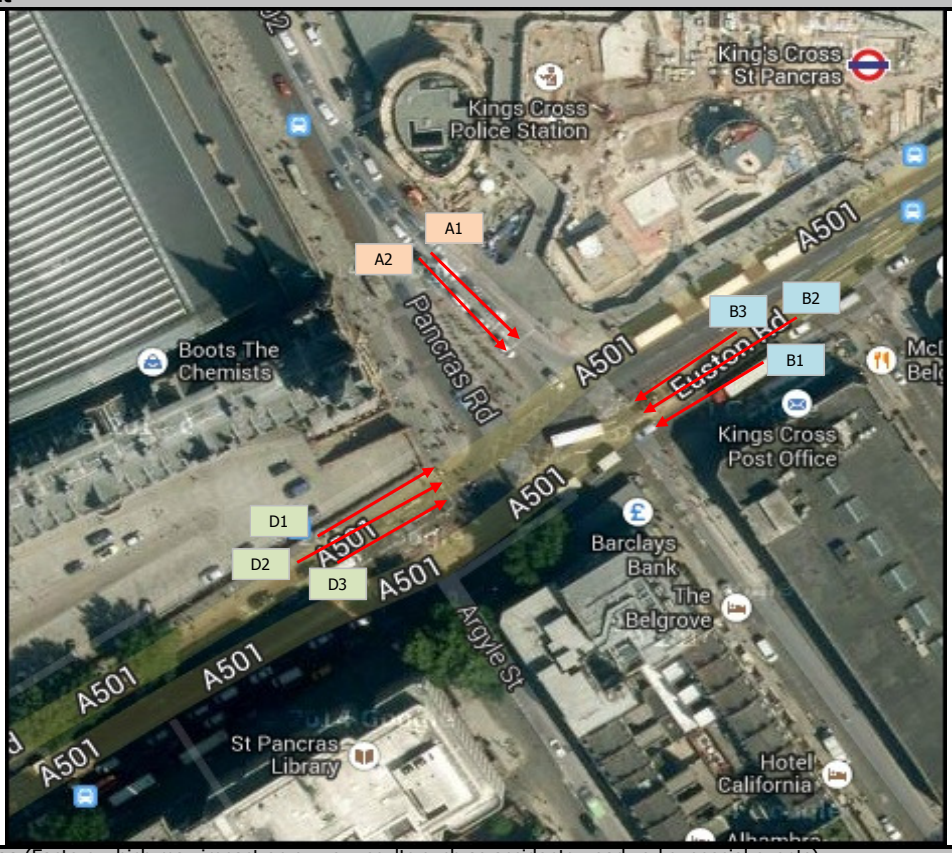
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:30	0	0	0	0	0	0	0	0	0	0	06:05:33	0	0	0	0	0	0	0	0	0	0	06:06:10	00:01:26
0	0	0	0	0	0	0	0	0	06:16:20	0	0	1	0	0	0	0	0	0	1	06:16:23	0	0	0	0	0	0	0	0	0	0	06:17:04	00:01:37
0	0	0	0	0	0	0	0	0	06:21:10	0	0	0	0	0	0	0	0	0	0	06:21:13	0	0	0	0	0	0	0	0	0	0	06:21:50	00:01:32
0	0	0	0	0	0	0	0	0	06:26:01	0	0	0	0	0	0	0	0	0	0	06:26:04	0	0	0	0	0	0	0	0	0	0	06:26:42	00:01:35
0	0	0	0	0	0	0	0	0	06:30:45	0	0	0	0	0	0	0	0	0	0	06:30:48	0	0	0	0	0	0	0	0	0	0	06:31:26	00:01:35
0	0	0	0	0	0	0	0	0	06:37:11	0	0	0	0	0	0	0	0	0	0	06:37:14	0	0	0	0	0	0	0	0	0	0	06:37:52	00:01:34
0	0	0	0	0	0	0	0	0	06:42:00	0	0	0	0	0	0	0	0	0	0	06:42:03	0	0	0	0	0	0	0	0	0	0	06:42:40	00:01:34
0	0	0	0	0	0	0	0	0	06:46:48	0	0	0	0	0	0	0	0	0	0	06:46:51	0	0	0	0	0	0	0	0	0	0	06:47:28	00:01:34
0	0	0	0	0	0	0	0	0	06:51:36	0	0	0	0	0	0	0	0	0	0	06:51:39	0	0	0	0	0	0	0	0	0	0	06:52:16	00:01:34
0	0	0	0	0	0	0	0	0	06:59:35	0	0	0	0	1	0	0	0	0	2	06:59:38	0	0	0	0	0	0	0	0	1	0	07:00:16	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 39
Date of Survey: 12.06.2014
Junction Name: Pancras Road / Euston Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.530012	-0.124023	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:07	0	0	0	0	0	0	0	0	0	0	06:01:09	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:02:36	0	0	0	0	0	0	0	0	0	0	06:02:38	3	2	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:04:03	0	0	0	0	0	0	0	0	0	0	06:04:05	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:05:37	0	0	0	0	0	0	0	0	0	0	06:05:39	1	1	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:07:03	0	0	0	0	0	0	0	0	0	0	06:07:05	4	1	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:08:31	0	0	0	0	0	0	0	0	0	0	06:08:33	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
7	06:10:04	0	0	0	0	0	0	0	0	0	0	06:10:06	2	1	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:11:41	0	0	0	0	0	0	0	0	0	0	06:11:43	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:13:18	0	0	0	0	0	0	0	0	0	0	06:13:20	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:14:49	0	0	0	0	0	0	0	0	0	0	06:14:51	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:36	08:00:38	08:00:50	08:00:53	08:02:12	00:00:12	00:01:34	48	192
	2	08:03:48	08:03:50	08:04:01	08:04:04	08:05:23	00:00:11	00:01:33		
	3	08:08:36	08:08:38	08:08:50	08:08:53	08:10:12	00:00:12	00:01:34		
	4	08:11:47	08:11:49	08:12:02	08:12:05	08:13:24	00:00:13	00:01:35		
	5	08:13:24	08:13:26	08:13:41	08:13:44	08:15:00	00:00:15	00:01:34		
08:15 - 08:30	6	08:16:37	08:16:39	08:16:50	08:16:53	08:18:11	00:00:11	00:01:32	56	224
	7	08:19:48	08:19:50	08:20:02	08:20:05	08:21:24	00:00:12	00:01:34		
	8	08:23:01	08:23:03	08:23:15	08:23:18	08:24:36	00:00:12	00:01:33		
	9	08:26:16	08:26:18	08:26:30	08:26:33	08:27:52	00:00:12	00:01:34		
	10	08:27:52	08:27:54	08:28:05	08:28:08	08:29:28	00:00:11	00:01:34		
08:30 - 08:45	11	08:31:04	08:31:06	08:31:18	08:31:21	08:32:40	00:00:12	00:01:34	48	192
	12	08:34:16	08:34:18	08:34:30	08:34:33	08:35:52	00:00:12	00:01:34		
	13	08:37:28	08:37:30	08:37:42	08:37:45	08:39:03	00:00:12	00:01:33		
	14	08:40:40	08:40:42	08:40:53	08:40:56	08:42:20	00:00:11	00:01:38		
	15	08:42:20	08:42:22	08:42:34	08:42:37	08:43:53	00:00:12	00:01:31		
08:45 - 09:00	16	08:45:28	08:45:30	08:45:43	08:45:46	08:47:05	00:00:13	00:01:35	54	216
	17	08:48:41	08:48:43	08:48:55	08:48:58	08:50:15	00:00:12	00:01:32		
	18	08:51:52	08:51:54	08:52:06	08:52:09	08:53:29	00:00:12	00:01:35		
	19	08:55:06	08:55:08	08:55:20	08:55:23	08:56:42	00:00:12	00:01:34		
	20	08:58:18	08:58:20	08:58:31	08:58:34	08:59:54	00:00:11	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:35	17:01:37	17:01:49	17:01:52	17:03:11	00:00:12	00:01:34	64	256
	2	17:04:51	17:04:53	17:05:05	17:05:08	17:06:27	00:00:12	00:01:34		
	3	17:08:03	17:08:05	17:08:17	17:08:20	17:09:39	00:00:12	00:01:34		
	4	17:11:15	17:11:17	17:11:29	17:11:32	17:12:51	00:00:12	00:01:34		
	5	17:12:51	17:12:53	17:13:05	17:13:08	17:14:27	00:00:12	00:01:34		
17:15 - 17:30	6	17:16:03	17:16:05	17:16:17	17:16:20	17:17:40	00:00:12	00:01:35	53	212
	7	17:19:14	17:19:16	17:19:27	17:19:30	17:20:51	00:00:11	00:01:35		
	8	17:22:27	17:22:29	17:22:41	17:22:44	17:24:03	00:00:12	00:01:34		
	9	17:25:38	17:25:40	17:25:52	17:25:55	17:27:24	00:00:12	00:01:44		
	10	17:27:24	17:27:26	17:27:38	17:27:41	17:29:12	00:00:12	00:01:46		
17:30 - 17:45	11	17:31:04	17:31:06	17:31:18	17:31:21	17:32:53	00:00:12	00:01:47	52	208
	12	17:34:47	17:34:49	17:35:01	17:35:04	17:36:38	00:00:12	00:01:49		
	13	17:36:38	17:36:40	17:36:53	17:36:56	17:38:31	00:00:13	00:01:51		
	14	17:38:31	17:38:33	17:38:45	17:38:48	17:40:23	00:00:12	00:01:50		
	15	17:42:15	17:42:17	17:42:29	17:42:32	17:44:07	00:00:12	00:01:50		
17:45 - 18:00	16	17:45:59	17:46:01	17:46:13	17:46:16	17:47:55	00:00:12	00:01:54	54	216
	17	17:49:47	17:49:49	17:50:01	17:50:04	17:51:39	00:00:12	00:01:50		
	18	17:53:31	17:53:33	17:53:45	17:53:48	17:55:24	00:00:12	00:01:51		
	19	17:55:24	17:55:26	17:55:38	17:55:41	17:57:19	00:00:12	00:01:53		
	20	17:57:19	17:57:21	17:57:33	17:57:36	17:59:11	00:00:12	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	48	192	00:01:34	00:00:13	0	0.00%	
08:15 - 08:30	56	224	00:01:33	00:00:12	0	0.00%	
08:30 - 08:45	48	192	00:01:34	00:00:12	0	0.00%	Average
08:45 - 09:00	54	216	00:01:34	00:00:12	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	64	256	00:01:34	00:00:12	0	0.00%	
17:15 - 17:30	53	212	00:01:35	00:00:12	0	0.00%	
17:30 - 17:45	52	208	00:01:49	00:00:12	0	0.00%	Average
17:45 - 18:00	54	216	00:01:52	00:00:12	0	0.00%	0.00%

intelligentdata

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:22	0	0	0	0	0	0	0	0	0	0	06:01:25	0	0	0	0	0	0	0	0	0	0	06:02:36	00:01:27
0	0	0	0	0	0	0	0	0	06:02:49	0	0	0	0	0	0	0	0	0	0	06:02:52	0	0	0	0	0	0	0	0	0	0	06:04:03	00:01:25
0	0	0	0	0	0	0	0	0	06:04:18	0	0	0	0	0	0	0	0	0	0	06:04:21	0	0	0	0	0	0	0	0	0	0	06:05:37	00:01:32
0	0	0	0	0	0	0	0	0	06:05:49	1	0	0	0	0	0	0	0	0	1	06:05:52	0	0	0	0	0	0	0	0	0	0	06:07:03	00:01:24
0	0	0	0	0	0	0	0	0	06:07:16	0	0	0	0	0	0	0	0	0	0	06:07:19	0	0	0	0	0	0	0	0	0	0	06:08:31	00:01:26
0	0	0	0	0	0	0	0	0	06:08:45	1	0	0	0	0	0	0	0	1	1	06:08:48	0	0	0	0	0	0	0	0	0	0	06:10:04	00:01:31
0	0	0	0	0	0	0	0	0	06:10:18	0	0	0	0	0	0	0	0	0	0	06:10:21	0	0	0	0	0	0	0	0	0	0	06:11:41	00:01:35
0	0	0	0	0	0	0	0	0	06:11:55	1	0	0	0	0	0	0	0	0	1	06:11:58	0	0	0	0	0	0	0	0	1	0	06:13:18	00:01:35
0	0	0	0	0	0	0	0	0	06:13:31	0	0	0	0	0	0	0	0	0	0	06:13:34	0	0	0	0	0	0	0	0	0	0	06:14:49	00:01:29
0	0	0	0	0	0	0	0	0	06:15:03	0	0	0	0	0	0	0	0	0	0	06:15:06	0	0	0	0	0	0	0	0	0	0	06:16:29	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:07	0	0	0	0	0	0	0	0	0	0	06:01:09	4	2	0	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
2	06:02:36	0	0	0	0	0	0	0	0	0	0	06:02:38	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:04:03	0	0	0	0	0	0	0	0	0	0	06:04:05	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
4	06:05:37	0	0	0	0	0	0	0	0	0	0	06:05:39	2	2	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:07:03	0	0	0	0	0	0	0	0	0	0	06:07:05	4	1	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:08:31	0	0	0	0	0	0	0	0	0	0	06:08:33	2	2	0	0	0	0	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
7	06:10:04	0	0	0	0	0	0	0	0	0	0	06:10:06	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
8	06:11:41	0	0	0	0	0	0	0	0	0	0	06:11:43	2	3	0	0	0	0	0	0	1	5		0	0	0	0	0	0	0	0	0	0		0
9	06:13:18	0	0	0	0	0	0	0	0	0	0	06:13:20	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:14:49	0	0	0	0	0	0	0	0	0	0	06:14:51	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:36	08:00:38	08:00:50	08:00:53	08:02:12	00:00:12	00:01:34	42	168
	2	08:03:48	08:03:50	08:04:01	08:04:04	08:05:23	00:00:11	00:01:33		
	3	08:08:36	08:08:38	08:08:50	08:08:53	08:10:12	00:00:12	00:01:34		
	4	08:11:47	08:11:49	08:12:02	08:12:05	08:13:24	00:00:13	00:01:35		
	5	08:13:24	08:13:26	08:13:41	08:13:44	08:15:00	00:00:15	00:01:36		
08:15 - 08:30	6	08:16:37	08:16:39	08:16:50	08:16:53	08:18:11	00:00:11	00:01:32	49	196
	7	08:19:48	08:19:50	08:20:02	08:20:05	08:21:24	00:00:12	00:01:34		
	8	08:23:01	08:23:03	08:23:15	08:23:18	08:24:36	00:00:12	00:01:33		
	9	08:26:16	08:26:18	08:26:30	08:26:33	08:27:52	00:00:12	00:01:34		
	10	08:27:52	08:27:54	08:28:05	08:28:08	08:29:28	00:00:11	00:01:34		
08:30 - 08:45	11	08:31:04	08:31:06	08:31:18	08:31:21	08:32:40	00:00:12	00:01:34	51	204
	12	08:34:16	08:34:18	08:34:30	08:34:33	08:35:52	00:00:12	00:01:34		
	13	08:37:28	08:37:30	08:37:42	08:37:45	08:39:03	00:00:12	00:01:33		
	14	08:40:40	08:40:42	08:40:53	08:40:56	08:42:20	00:00:11	00:01:38		
	15	08:42:20	08:42:22	08:42:34	08:42:37	08:43:53	00:00:12	00:01:33		
08:45 - 09:00	16	08:45:28	08:45:30	08:45:43	08:45:46	08:47:05	00:00:13	00:01:35	50	200
	17	08:48:41	08:48:43	08:48:55	08:48:58	08:50:15	00:00:12	00:01:32		
	18	08:51:52	08:51:54	08:52:06	08:52:09	08:53:29	00:00:12	00:01:35		
	19	08:55:06	08:55:08	08:55:20	08:55:23	08:56:42	00:00:12	00:01:34		
	20	08:58:18	08:58:20	08:58:31	08:58:34	08:59:54	00:00:11	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:35	17:01:37	17:01:49	17:01:52	17:03:11	00:00:12	00:01:34	46	184
	2	17:04:51	17:04:53	17:05:05	17:05:08	17:06:27	00:00:12	00:01:34		
	3	17:08:03	17:08:05	17:08:17	17:08:20	17:09:39	00:00:12	00:01:34		
	4	17:11:15	17:11:17	17:11:29	17:11:32	17:12:51	00:00:12	00:01:34		
	5	17:12:51	17:12:53	17:13:05	17:13:08	17:14:27	00:00:12	00:01:34		
17:15 - 17:30	6	17:16:03	17:16:05	17:16:17	17:16:20	17:17:40	00:00:12	00:01:35	44	176
	7	17:19:14	17:19:16	17:19:27	17:19:30	17:20:51	00:00:11	00:01:35		
	8	17:22:27	17:22:29	17:22:41	17:22:44	17:24:03	00:00:12	00:01:34		
	9	17:25:38	17:25:40	17:25:52	17:25:55	17:27:14	00:00:12	00:01:44		
	10	17:27:24	17:27:26	17:27:38	17:27:41	17:29:12	00:00:12	00:01:46		
17:30 - 17:45	11	17:31:04	17:31:06	17:31:18	17:31:21	17:32:53	00:00:12	00:01:47	38	152
	12	17:34:47	17:34:49	17:35:01	17:35:04	17:36:38	00:00:12	00:01:49		
	13	17:36:38	17:36:40	17:36:53	17:36:56	17:38:31	00:00:13	00:01:51		
	14	17:38:31	17:38:33	17:38:45	17:38:48	17:40:23	00:00:12	00:01:50		
	15	17:42:15	17:42:17	17:42:29	17:42:32	17:44:07	00:00:12	00:01:50		
17:45 - 18:00	16	17:45:59	17:46:01	17:46:13	17:46:16	17:47:55	00:00:12	00:01:54	37	148
	17	17:49:47	17:49:49	17:50:01	17:50:04	17:51:39	00:00:12	00:01:50		
	18	17:53:31	17:53:33	17:53:45	17:53:48	17:55:24	00:00:12	00:01:51		
	19	17:55:24	17:55:26	17:55:38	17:55:41	17:57:19	00:00:12	00:01:53		
	20	17:57:19	17:57:21	17:57:33	17:57:36	17:59:11	00:00:12	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	42	168	00:01:34	00:00:13	0	0.00%	
08:15 - 08:30	49	196	00:01:33	00:00:12	0	0.00%	
08:30 - 08:45	51	204	00:01:34	00:00:12	0	0.00%	Average
08:45 - 09:00	50	200	00:01:34	00:00:12	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	46	184	00:01:34	00:00:12	0	0.00%	
17:15 - 17:30	44	176	00:01:39	00:00:12	0	0.00%	
17:30 - 17:45	38	152	00:01:49	00:00:12	0	0.00%	Average
17:45 - 18:00	37	148	00:01:52	00:00:12	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:22	1	0	0	0	0	0	0	0	0	1	06:01:25	0	0	0	0	0	0	0	0	0	0	06:02:36	00:01:27
0	0	0	0	0	0	0	0	0	06:02:49	1	0	0	0	0	0	0	0	0	1	06:02:52	0	0	0	0	0	0	0	0	0	0	06:04:03	00:01:25
0	0	0	0	0	0	0	0	0	06:04:18	0	0	0	0	0	0	0	0	0	0	06:04:21	0	0	0	0	0	0	0	0	0	0	06:05:37	00:01:32
0	0	0	0	0	0	0	0	0	06:05:49	1	0	0	0	0	0	0	0	0	1	06:05:52	0	0	0	0	0	0	0	0	0	0	06:07:03	00:01:24
0	0	0	0	0	0	0	0	0	06:07:16	1	0	0	0	0	0	0	0	0	1	06:07:19	0	0	0	0	0	0	0	0	0	0	06:08:31	00:01:26
0	0	0	0	0	0	0	0	0	06:08:45	0	0	0	0	0	0	0	0	0	0	06:08:48	0	0	0	0	0	0	0	0	0	0	06:10:04	00:01:31
0	0	0	0	0	0	0	0	0	06:10:18	1	0	0	0	0	0	0	0	0	1	06:10:21	0	0	0	0	0	0	0	0	0	0	06:11:41	00:01:35
0	0	0	0	0	0	0	0	0	06:11:55	1	0	0	0	0	0	0	0	0	1	06:11:58	0	0	0	0	0	0	0	0	0	0	06:13:18	00:01:35
0	0	0	0	0	0	0	0	0	06:13:31	1	1	0	0	0	0	0	0	0	2	06:13:34	0	0	0	0	0	0	0	0	0	0	06:14:49	00:01:29
0	0	0	0	0	0	0	0	0	06:15:03	0	1	0	0	0	0	0	0	0	1	06:15:06	0	0	0	0	0	0	0	0	0	0	06:16:29	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:05	0	0	0	0	0	0	0	0	0	0	06:03:07	2	0	4	1	1	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
2	06:07:32	0	0	0	0	0	0	0	0	0	0	06:07:34	6	0	0	0	2	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
3	06:12:10	0	0	0	0	0	0	0	0	0	0	06:12:12	8	1	1	0	0	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
4	06:18:10	0	0	0	0	0	0	0	0	0	0	06:18:39	2	1	1	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:21:47	0	0	0	0	0	0	0	0	0	0	06:21:49	6	0	0	0	0	0	0	1	1	7		0	0	0	0	0	0	0	0	0	0		0
6	06:26:35	0	0	0	0	0	0	0	0	0	0	06:26:37	3	0	4	1	0	3	0	0	0	15		0	0	0	0	0	0	0	0	0	0		0
7	06:31:22	0	0	0	0	0	0	0	0	0	0	06:31:24	2	0	2	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
8	06:34:33	0	0	0	0	0	0	0	0	0	0	06:34:35	5	0	3	0	0	0	0	1	1	9		0	0	0	0	0	0	0	0	0	0		0
9	06:39:26	0	0	0	0	0	0	0	0	0	0	06:39:28	3	0	3	0	0	2	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
10	06:47:22	0	0	0	0	0	0	0	0	0	0	06:47:24	5	0	2	0	0	0	0	0	1	7		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:04	08:01:06	08:02:14	08:02:17	08:02:40	00:01:08	00:01:34	119	476
	2	08:02:40	08:02:42	08:03:50	08:03:53	08:04:16	00:01:08	00:01:34		
	3	08:05:52	08:05:54	08:07:02	08:07:05	08:07:28	00:01:08	00:01:34		
	4	08:09:06	08:09:08	08:10:14	08:10:17	08:10:40	00:01:06	00:01:32		
	5	08:12:16	08:12:18	08:13:26	08:13:29	08:13:52	00:01:08	00:01:34		
08:15 - 08:30	6	08:15:28	08:15:30	08:16:44	08:16:47	08:17:04	00:01:14	00:01:34	90	360
	7	08:18:40	08:18:42	08:19:50	08:19:53	08:20:16	00:01:08	00:01:34		
	8	08:21:52	08:21:54	08:23:03	08:23:06	08:23:29	00:01:09	00:01:35		
	9	08:25:04	08:25:06	08:26:18	08:26:21	08:26:44	00:01:12	00:01:38		
	10	08:26:44	08:26:46	08:27:54	08:27:57	08:28:20	00:01:08	00:01:34		
08:30 - 08:45	11	08:31:32	08:31:34	08:32:42	08:32:45	08:33:08	00:01:08	00:01:34	93	372
	12	08:33:08	08:33:10	08:34:18	08:34:21	08:34:44	00:01:08	00:01:34		
	13	08:36:20	08:36:22	08:37:30	08:37:33	08:37:56	00:01:08	00:01:34		
	14	08:39:32	08:39:34	08:40:43	08:40:46	08:41:08	00:01:09	00:01:34		
	15	08:42:48	08:42:50	08:43:55	08:43:58	08:44:21	00:01:05	00:01:31		
08:45 - 09:00	16	08:47:33	08:47:35	08:48:43	08:48:46	08:49:09	00:01:08	00:01:34	111	444
	17	08:49:09	08:49:11	08:50:18	08:50:21	08:50:44	00:01:07	00:01:33		
	18	08:50:44	08:50:46	08:51:54	08:51:57	08:52:20	00:01:08	00:01:34		
	19	08:53:57	08:53:59	08:55:08	08:55:11	08:55:34	00:01:09	00:01:35		
	20	08:55:34	08:55:36	08:56:45	08:56:48	08:57:10	00:01:09	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:26	17:00:28	17:01:36	17:01:39	17:02:02	00:01:08	00:01:34	90	360
	2	17:03:38	17:03:40	17:04:52	17:04:55	17:05:18	00:01:12	00:01:38		
	3	17:06:54	17:06:56	17:08:04	17:08:07	17:08:30	00:01:08	00:01:34		
	4	17:08:30	17:08:32	17:09:40	17:09:43	17:10:06	00:01:08	00:01:34		
	5	17:11:42	17:11:44	17:12:52	17:12:55	17:13:18	00:01:08	00:01:34		
17:15 - 17:30	6	17:16:30	17:16:32	17:17:41	17:17:44	17:18:07	00:01:09	00:01:35	68	272
	7	17:19:41	17:19:43	17:20:52	17:20:55	17:21:18	00:01:09	00:01:35		
	8	17:21:18	17:21:20	17:22:28	17:22:41	17:22:54	00:01:18	00:01:34		
	9	17:22:54	17:22:56	17:24:04	17:24:07	17:24:29	00:01:08	00:01:33		
	10	17:27:50	17:27:52	17:29:12	17:29:15	17:29:39	00:01:20	00:01:47		
17:30 - 17:45	11	17:31:30	17:31:32	17:32:56	17:32:59	17:33:22	00:01:24	00:01:50	117	468
	12	17:33:22	17:33:24	17:34:48	17:34:51	17:35:14	00:01:24	00:01:50		
	13	17:35:14	17:35:16	17:36:40	17:36:43	17:37:06	00:01:24	00:01:50		
	14	17:38:58	17:39:00	17:40:23	17:40:26	17:40:50	00:01:23	00:01:50		
	15	17:40:50	17:40:52	17:42:15	17:42:18	17:42:42	00:01:23	00:01:50		
17:45 - 18:00	16	17:46:25	17:46:27	17:47:56	17:47:59	17:48:21	00:01:29	00:01:54	92	368
	17	17:48:21	17:48:23	17:49:48	17:49:51	17:50:14	00:01:25	00:01:51		
	18	17:50:14	17:50:16	17:51:39	17:51:42	17:52:06	00:01:23	00:01:50		
	19	17:54:01	17:54:03	17:55:25	17:55:28	17:55:50	00:01:22	00:01:47		
	20	17:55:50	17:55:52	17:57:19	17:57:22	17:57:45	00:01:27	00:01:53		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	119	476	00:01:34	00:01:08	0	0.00%	
08:15 - 08:30	90	360	00:01:35	00:01:10	0	0.00%	
08:30 - 08:45	93	372	00:01:33	00:01:08	0	0.00%	Average
08:45 - 09:00	111	444	00:01:34	00:01:08	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	90	360	00:01:35	00:01:09	0	0.00%	
17:15 - 17:30	68	272	00:01:37	00:01:13	0	0.00%	
17:30 - 17:45	117	468	00:01:50	00:01:24	0	0.00%	Average
17:45 - 18:00	92	368	00:01:51	00:01:25	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:06	0	0	0	0	0	0	0	0	0	0	06:04:09	0	0	0	0	0	0	0	0	0	0	06:04:32	00:01:25
0	0	0	0	0	0	0	0	0	06:08:24	0	0	0	0	0	0	0	0	0	0	06:08:37	0	0	0	0	0	0	0	0	0	0	06:09:00	00:01:26
0	0	0	0	0	0	0	0	0	06:13:26	0	0	0	0	0	0	0	0	0	0	06:13:29	0	0	0	0	0	0	0	0	0	0	06:13:46	00:01:34
0	0	0	0	0	0	0	0	0	06:19:52	0	0	0	0	0	0	0	0	0	0	06:19:55	0	0	0	0	0	0	0	0	0	0	06:20:12	00:01:37
0	0	0	0	0	0	0	0	0	06:23:01	0	0	1	0	0	0	0	0	0	1	06:23:04	0	0	0	0	0	0	0	0	0	0	06:23:23	00:01:34
0	0	0	0	0	0	0	0	0	06:27:43	0	0	0	0	0	0	0	0	0	0	06:27:46	0	0	0	0	0	0	0	0	0	0	06:28:10	00:01:33
0	0	0	0	0	0	0	0	0	06:32:31	0	1	0	0	0	1	0	0	0	3	06:32:34	0	0	0	0	0	0	0	0	0	0	06:32:57	00:01:33
0	0	0	0	0	0	0	0	0	06:35:43	0	0	0	0	0	0	0	0	0	0	06:35:46	0	0	0	0	0	0	0	0	0	0	06:36:09	00:01:34
0	0	0	0	0	0	0	0	0	06:40:35	0	0	0	0	0	0	0	0	0	0	06:40:38	0	0	0	0	0	0	0	0	0	0	06:41:01	00:01:53
0	0	0	0	0	0	0	0	0	06:48:32	0	0	0	0	0	0	0	0	0	0	06:48:35	0	0	0	0	0	0	0	0	0	0	06:48:58	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand*† (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand*† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:05	0	0	0	0	0	0	0	0	0	0	06:03:07	1	0	1	0	0	0	0	0	0	2	06:03:14	6	0	1	0	1	0	0	0	0	9	06:03:34	6
2	06:07:32	0	0	0	0	0	0	0	0	0	0	06:07:34	2	0	0	0	0	0	0	0	0	2	06:07:40	5	0	0	1	0	0	0	0	0	7	06:07:51	7
3	06:10:33	0	0	0	0	0	0	0	0	0	0	06:10:35	1	0	0	1	1	0	0	0	0	3	06:11:18	12	0	3	1	0	0	0	1	0	17	06:11:43	6
4	06:18:33	0	0	0	0	0	0	0	0	0	0	06:18:35	1	0	1	0	0	0	0	0	0	2	06:18:42	12	0	13	0	0	2	0	1	0	28	06:19:41	9
5	06:29:46	0	0	0	0	0	0	0	0	0	0	06:29:48	1	0	1	0	0	0	0	0	0	2	06:29:54	5	0	2	0	0	0	1	0	0	8	06:30:10	6
6	06:36:08	0	0	0	0	0	0	0	0	0	0	06:36:10	0	0	2	0	0	0	0	0	0	2	06:36:19	8	1	2	0	0	0	0	0	0	11	06:36:41	4
7	06:41:01	0	0	0	0	0	0	0	0	0	0	06:41:03	2	0	0	0	0	0	0	0	0	2	06:41:09	10	0	0	1	0	0	0	0	1	12	06:41:31	12
8	06:47:22	0	0	0	0	0	0	0	0	0	0	06:47:24	1	1	0	0	0	0	0	1	0	2	06:47:31	2	0	4	1	0	0	0	0	0	8	06:47:42	9
9	06:52:09	0	0	0	0	0	0	0	0	0	0	06:52:11	2	0	0	0	0	0	0	0	0	2	06:52:16	21	0	9	0	0	0	0	1	0	30	06:53:16	9
10	06:56:57	0	0	0	0	0	0	0	0	0	0	06:56:59	1	0	1	0	0	0	0	0	0	2	06:57:06	10	0	7	1	0	0	0	0	0	19	06:57:44	3

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:04	08:01:06	08:02:14	08:02:17	08:02:40	00:01:08	00:01:34	194	776
	2	08:02:40	08:02:42	08:03:50	08:03:53	08:04:16	00:01:08	00:01:34		
	3	08:05:52	08:05:54	08:07:02	08:07:05	08:07:28	00:01:08	00:01:34		
	4	08:09:06	08:09:08	08:10:14	08:10:17	08:10:40	00:01:06	00:01:32		
	5	08:12:16	08:12:18	08:13:26	08:13:29	08:13:52	00:01:08	00:01:34		
08:15 - 08:30	6	08:15:28	08:15:30	08:16:44	08:16:47	08:17:04	00:01:14	00:01:34	208	832
	7	08:18:40	08:18:42	08:19:50	08:19:53	08:20:16	00:01:08	00:01:34		
	8	08:21:52	08:21:54	08:23:03	08:23:06	08:23:29	00:01:09	00:01:35		
	9	08:25:04	08:25:06	08:26:18	08:26:21	08:26:44	00:01:12	00:01:38		
	10	08:26:44	08:26:46	08:27:54	08:27:57	08:28:20	00:01:08	00:01:34		
08:30 - 08:45	11	08:31:32	08:31:34	08:32:42	08:32:45	08:33:08	00:01:08	00:01:34	212	848
	12	08:33:08	08:33:10	08:34:18	08:34:21	08:34:44	00:01:08	00:01:34		
	13	08:36:20	08:36:22	08:37:30	08:37:33	08:37:56	00:01:08	00:01:34		
	14	08:39:32	08:39:34	08:40:43	08:40:46	08:41:08	00:01:09	00:01:34		
	15	08:42:48	08:42:50	08:43:55	08:43:58	08:44:21	00:01:05	00:01:31		
08:45 - 09:00	16	08:47:33	08:47:35	08:48:43	08:48:46	08:49:09	00:01:08	00:01:34	167	668
	17	08:49:09	08:49:11	08:50:18	08:50:21	08:50:44	00:01:07	00:01:33		
	18	08:50:44	08:50:46	08:51:54	08:51:57	08:52:20	00:01:08	00:01:34		
	19	08:53:57	08:53:59	08:55:08	08:55:11	08:55:34	00:01:09	00:01:35		
	20	08:55:34	08:55:36	08:56:45	08:56:48	08:57:10	00:01:09	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:26	17:00:28	17:01:36	17:01:39	17:02:02	00:01:08	00:01:34	119	476
	2	17:03:38	17:03:40	17:04:52	17:04:55	17:05:18	00:01:12	00:01:38		
	3	17:06:54	17:06:56	17:08:04	17:08:07	17:08:30	00:01:08	00:01:34		
	4	17:08:30	17:08:32	17:09:40	17:09:43	17:10:06	00:01:08	00:01:34		
	5	17:11:42	17:11:44	17:12:52	17:12:55	17:13:18	00:01:08	00:01:34		
17:15 - 17:30	6	17:16:30	17:16:32	17:17:41	17:17:44	17:18:07	00:01:09	00:01:35	72	288
	7	17:19:41	17:19:43	17:20:52	17:20:55	17:21:18	00:01:09	00:01:35		
	8	17:21:18	17:21:20	17:22:28	17:22:41	17:22:54	00:01:18	00:01:34		
	9	17:22:54	17:22:56	17:24:04	17:24:07	17:24:29	00:01:08	00:01:33		
	10	17:27:50	17:27:52	17:29:12	17:29:15	17:29:39	00:01:20	00:01:47		
17:30 - 17:45	11	17:31:30	17:31:32	17:32:56	17:32:59	17:33:22	00:01:24	00:01:50	119	476
	12	17:33:22	17:33:24	17:34:48	17:34:51	17:35:14	00:01:24	00:01:50		
	13	17:35:14	17:35:16	17:36:40	17:36:43	17:37:06	00:01:24	00:01:50		
	14	17:38:58	17:39:00	17:40:23	17:40:26	17:40:50	00:01:23	00:01:50		
	15	17:40:50	17:40:52	17:42:15	17:42:18	17:42:42	00:01:23	00:01:50		
17:45 - 18:00	16	17:46:25	17:46:27	17:47:56	17:47:59	17:48:21	00:01:29	00:01:54	116	464
	17	17:48:21	17:48:23	17:49:48	17:49:51	17:50:14	00:01:25	00:01:51		
	18	17:50:14	17:50:16	17:51:39	17:51:42	17:52:06	00:01:23	00:01:50		
	19	17:54:01	17:54:03	17:55:25	17:55:28	17:55:50	00:01:22	00:01:47		
	20	17:55:50	17:55:52	17:57:19	17:57:22	17:57:45	00:01:27	00:01:53		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
9	00:00:20	1674	
7	00:00:11	2291	
17	00:00:25	2434	
28	00:00:59	1703	
9	00:00:16	2025	
11	00:00:22	1800	
12	00:00:22	1915	
8	00:00:11	2455	
10	00:01:00	1824	Average
19	00:00:38	1753	1990

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	194	776	00:01:34	00:01:08	1990	51.99%	
08:15 - 08:30	208	832	00:01:35	00:01:10	1990	56.57%	
08:30 - 08:45	212	848	00:01:33	00:01:08	1990	58.87%	Average
08:45 - 09:00	167	668	00:01:34	00:01:08	1990	46.36%	53.92%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	119	476	00:01:35	00:01:09	1990	32.98%	
17:15 - 17:30	72	288	00:01:37	00:01:13	1990	19.24%	
17:30 - 17:45	119	476	00:01:50	00:01:24	1990	31.47%	Average
17:45 - 18:00	116	464	00:01:51	00:01:25	1990	30.57%	28.51%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	2	0	0	0	0	0	10	06:04:06	1	0	0	1	0	0	0	0	0	3	06:04:09	1	0	0	0	0	0	0	0	1	06:04:32	00:01:25
0	7	0	0	0	0	0	0	14	06:08:34	3	0	0	0	0	0	0	0	0	3	06:08:37	0	0	0	0	0	0	0	0	0	06:09:00	00:01:26
0	0	0	0	0	0	0	0	0	06:11:43	0	0	1	0	0	0	0	0	0	1	06:11:46	0	0	0	0	0	0	0	0	0	06:12:09	00:01:34
0	0	0	0	0	0	0	0	0	06:19:52	0	0	0	0	0	0	0	0	0	0	06:19:55	0	0	0	0	0	0	0	0	0	06:20:12	00:01:37
0	6	0	0	0	0	2	0	13	06:30:56	0	0	0	0	0	0	0	0	0	0	06:30:59	0	0	0	0	0	0	0	0	0	06:31:21	00:01:33
0	5	0	0	0	0	1	0	9	06:37:23	0	0	0	0	0	0	0	0	0	0	06:37:26	0	0	0	0	0	0	0	0	0	06:37:48	00:01:38
0	9	0	0	0	0	0	0	21	06:42:11	0	0	0	0	0	0	0	0	0	0	06:42:14	0	0	0	0	0	0	0	0	0	06:42:38	00:01:35
0	6	0	0	0	1	0	0	15	06:48:32	1	0	0	0	0	0	0	0	0	1	06:48:35	0	0	0	0	0	0	0	0	0	06:48:58	00:01:34
0	0	0	0	0	0	0	0	0	06:53:19	1	0	1	0	0	0	0	0	0	2	06:53:22	0	0	0	0	0	0	0	0	0	06:53:46	00:01:35
0	2	0	1	0	0	0	0	7	06:58:07	1	0	0	0	0	0	0	0	0	1	06:58:10	0	0	0	0	0	0	0	0	0	06:58:34	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:22	0	0	0	0	0	0	0	0	0	0	06:02:24	3	0	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
2	06:08:16	0	0	0	0	0	0	0	0	0	0	06:08:18	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:16:15	0	0	0	0	0	0	0	0	0	0	06:16:17	5	1	0	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
4	06:22:38	0	0	0	0	0	0	0	0	0	0	06:22:40	2	0	0	0	0	0	0	0	0	2	06:22:45	2	3	1	0	0	0	0	0	0	6	06:22:55	0
5	06:27:25	0	0	0	0	0	0	0	0	0	0	06:27:27	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:32:13	0	0	0	0	0	0	0	0	0	0	06:32:15	7	0	0	0	0	0	0	0	1	7		0	0	0	0	0	0	0	0	0	0		0
7	06:40:17	0	0	0	0	0	0	0	0	0	0	06:40:19	1	2	1	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
8	06:48:14	0	0	0	0	0	0	0	1	0	0	06:48:16	2	0	0	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:54:38	0	0	0	0	0	0	0	0	0	0	06:54:40	4	1	0	0	0	1	0	0	1	7		0	0	0	0	0	0	0	0	0	0		0
10	06:57:50	0	0	0	0	0	0	0	0	0	0	06:57:52	5	1	1	0	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:21	08:00:23	08:00:37	08:00:40	08:01:57	00:00:14	00:01:34	69	276
	2	08:03:33	08:03:35	08:03:49	08:03:52	08:05:09	00:00:14	00:01:34		
	3	08:06:45	08:06:47	08:07:01	08:07:04	08:08:21	00:00:14	00:01:34		
	4	08:09:57	08:09:59	08:10:13	08:10:16	08:11:33	00:00:14	00:01:34		
	5	08:11:33	08:11:35	08:11:49	08:11:52	08:13:09	00:00:14	00:01:34		
08:15 - 08:30	6	08:16:21	08:16:23	08:16:39	08:16:42	08:17:57	00:00:16	00:01:34	60	240
	7	08:17:53	08:17:55	08:18:13	08:18:16	08:19:33	00:00:18	00:01:34		
	8	08:21:09	08:21:11	08:21:25	08:21:28	08:22:46	00:00:14	00:01:35		
	9	08:24:22	08:24:24	08:24:38	08:24:40	08:26:01	00:00:13	00:01:37		
	10	08:26:01	08:26:03	08:26:17	08:26:20	08:27:37	00:00:14	00:01:34		
08:30 - 08:45	11	08:30:49	08:30:51	08:31:05	08:31:08	08:32:25	00:00:14	00:01:34	65	260
	12	08:32:25	08:32:27	08:32:41	08:32:44	08:34:01	00:00:14	00:01:34		
	13	08:35:37	08:35:39	08:35:53	08:35:56	08:37:13	00:00:14	00:01:34		
	14	08:38:49	08:38:51	08:39:05	08:39:08	08:40:25	00:00:14	00:01:34		
	15	08:42:05	08:42:07	08:42:21	08:42:24	08:43:38	00:00:14	00:01:31		
08:45 - 09:00	16	08:46:52	08:46:52	08:47:06	08:47:09	08:48:26	00:00:14	00:01:34	64	256
	17	08:50:01	08:50:03	08:50:17	08:50:20	08:51:37	00:00:14	00:01:34		
	18	08:51:37	08:51:39	08:51:53	08:51:56	08:53:14	00:00:14	00:01:35		
	19	08:54:51	08:54:53	08:55:07	08:55:10	08:56:27	00:00:14	00:01:34		
	20	08:56:27	08:56:29	08:56:43	08:56:46	08:58:03	00:00:14	00:01:34		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:19	17:01:21	17:01:35	17:01:38	17:02:55	00:00:14	00:01:34	65	260
	2	17:04:35	17:04:37	17:04:51	17:04:54	17:06:11	00:00:14	00:01:34		
	3	17:07:47	17:07:49	17:08:03	17:08:06	17:09:23	00:00:14	00:01:34		
	4	17:10:59	17:11:01	17:11:15	17:11:18	17:12:35	00:00:14	00:01:34		
	5	17:12:35	17:12:37	17:12:51	17:12:54	17:14:11	00:00:14	00:01:34		
17:15 - 17:30	6	17:15:47	17:15:49	17:16:03	17:16:06	17:17:25	00:00:14	00:01:36	39	156
	7	17:18:58	17:19:00	17:19:14	17:19:17	17:20:35	00:00:14	00:01:35		
	8	17:22:11	17:22:13	17:22:27	17:22:30	17:23:47	00:00:14	00:01:34		
	9	17:23:47	17:23:49	17:24:03	17:24:06	17:25:23	00:00:14	00:01:34		
	10	17:27:07	17:27:09	17:27:23	17:27:26	17:28:55	00:00:14	00:01:46		
17:30 - 17:45	11	17:30:47	17:30:49	17:31:04	17:31:07	17:32:38	00:00:15	00:01:49	63	252
	12	17:32:38	17:32:40	17:32:55	17:32:58	17:34:30	00:00:15	00:01:50		
	13	17:36:22	17:36:24	17:36:38	17:36:41	17:38:14	00:00:14	00:01:50		
	14	17:38:14	17:38:16	17:38:31	17:38:34	17:40:05	00:00:15	00:01:49		
	15	17:41:57	17:41:59	17:42:14	17:42:17	17:43:49	00:00:15	00:01:50		
17:45 - 18:00	16	17:45:41	17:45:43	17:45:58	17:46:01	17:47:37	00:00:15	00:01:54	57	228
	17	17:47:37	17:47:39	17:47:54	17:47:57	17:49:29	00:00:15	00:01:50		
	18	17:51:21	17:51:23	17:51:38	17:51:41	17:53:13	00:00:15	00:01:50		
	19	17:55:06	17:55:08	17:55:23	17:55:26	17:57:01	00:00:15	00:01:53		
	20	17:57:01	17:57:03	17:57:18	17:57:21	17:58:53	00:00:15	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
6	00:00:10	2160	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	2160

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	69	276	00:01:34	00:00:14	2160	85.79%	
08:15 - 08:30	60	240	00:01:35	00:00:14	2160	74.38%	
08:30 - 08:45	65	260	00:01:33	00:00:14	2160	80.30%	Average
08:45 - 09:00	64	256	00:01:34	00:00:14	2160	79.75%	80.01%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	65	260	00:01:34	00:00:14	2160	80.82%	
17:15 - 17:30	39	156	00:01:37	00:00:14	2160	50.04%	
17:30 - 17:45	63	252	00:01:50	00:00:15	2160	86.40%	Average
17:45 - 18:00	57	228	00:01:51	00:00:15	2160	78.59%	73.91%

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Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:37	0	0	0	0	0	0	0	0	0	0	06:02:40	0	0	0	0	0	0	0	0	0	0	06:03:49	00:01:25
0	0	0	0	0	0	0	0	0	06:08:32	1	0	0	0	0	0	0	0	0	1	06:08:35	0	0	0	0	0	0	0	0	0	0	09:09:48	03:01:31
0	0	0	0	0	0	0	0	0	06:16:30	0	0	0	0	0	0	0	0	0	0	06:16:33	0	0	0	0	0	0	0	0	0	0	06:17:52	00:01:35
0	0	0	0	0	0	0	0	0	06:22:55	1	0	0	0	0	0	0	0	0	1	06:22:58	0	0	0	0	0	0	0	0	0	0	06:24:16	00:01:36
0	0	0	0	0	0	0	0	0	06:27:41	0	0	0	0	0	0	0	0	0	0	06:27:44	0	0	0	0	0	0	0	0	0	0	06:29:04	00:01:37
0	0	0	0	0	0	0	0	0	06:32:29	1	0	0	0	0	0	0	0	0	1	06:32:32	0	0	0	0	0	0	0	0	0	0	06:33:49	00:01:34
0	0	0	0	0	0	0	0	0	06:40:33	0	0	0	0	0	0	0	0	0	0	06:40:36	0	0	0	0	0	0	0	0	0	0	06:41:55	00:01:36
0	0	0	0	0	0	0	0	0	06:48:30	0	0	0	0	0	0	0	0	0	0	06:48:33	0	0	0	0	0	0	0	0	0	0	06:49:53	00:01:37
0	0	0	0	0	0	0	0	0	06:54:54	1	0	0	0	0	0	0	0	0	1	06:54:57	0	0	0	0	0	0	0	0	0	0	06:56:14	00:01:34
0	0	0	0	0	0	0	0	0	06:58:06	0	1	0	0	0	0	0	0	0	1	06:58:09	0	0	0	0	0	0	0	0	0	0	06:59:26	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:33	0	0	0	0	0	0	0	0	0	0	06:01:35	1	1	0	0	0	2	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
2	06:07:29	0	0	0	0	0	0	0	0	0	0	06:07:31	3	0	1	0	0	0	0	0	1	4		0	0	0	0	0	0	0	0	0	0		0
3	06:13:38	0	0	0	0	0	0	0	0	0	0	06:13:40	3	0	0	0	0	1	1	0	1	7		0	0	0	0	0	0	0	0	0	0		0
4	06:20:04	0	0	0	0	0	0	0	0	0	0	06:20:06	1	5	0	0	0	2	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
5	06:26:27	0	0	0	0	0	0	0	0	0	0	06:26:29	6	2	0	0	0	0	1	0	0	10		0	0	0	0	0	0	0	0	0	0		0
6	06:29:38	0	0	0	0	0	0	0	0	0	0	06:29:40	2	0	0	0	0	0	0	0	0	2	06:29:52	5	0	0	0	0	2	0	0	1	9	06:30:13	1
7	06:34:30	0	0	0	0	0	0	0	0	0	0	06:34:32	1	1	0	0	0	0	0	0	0	2	06:34:37	9	2	0	0	0	1	0	0	0	13	06:35:08	0
8	06:44:06	0	0	0	0	0	0	0	0	0	0	06:44:08	2	1	0	0	0	2	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:52:06	0	0	0	0	0	0	0	0	0	0	06:52:08	1	1	0	0	0	0	0	0	0	2	06:52:14	2	4	0	0	0	0	0	0	0	6	06:52:25	3
10	06:58:39	0	0	0	0	0	0	0	0	0	0	06:58:32	1	0	0	0	0	1	0	0	0	3	06:58:43	9	2	0	0	0	2	0	0	2	15	06:59:18	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:01	08:01:33	08:01:48	08:01:51	08:02:37	00:00:45	00:01:34	100	400
	2	08:02:37	08:02:39	08:03:24	08:03:27	08:04:13	00:00:45	00:01:34		
	3	08:04:13	08:04:15	08:05:00	08:05:03	08:05:49	00:00:45	00:01:34		
	4	08:05:49	08:05:51	08:06:37	08:06:40	08:07:24	00:00:46	00:01:33		
	5	08:09:00	08:09:02	08:09:48	08:09:51	08:10:37	00:00:46	00:01:35		
08:15 - 08:30	6	08:15:25	08:15:27	08:16:13	08:16:16	08:16:56	00:00:46	00:01:29	124	496
	7	08:18:37	08:18:39	08:19:25	08:19:28	08:20:13	00:00:46	00:01:34		
	8	08:21:49	08:21:51	08:22:37	08:22:40	08:23:26	00:00:46	00:01:35		
	9	08:26:41	08:26:43	08:27:28	08:27:31	08:28:16	00:00:45	00:01:33		
	10	08:28:16	08:28:18	08:29:04	08:29:07	08:29:52	00:00:46	00:01:34		
08:30 - 08:45	11	08:31:29	08:31:31	08:32:17	08:32:20	08:33:05	00:00:46	00:01:34	109	436
	12	08:33:05	08:33:07	08:33:53	08:33:56	08:34:41	00:00:45	00:01:34		
	13	08:36:17	08:36:19	08:37:04	08:37:07	08:37:53	00:00:45	00:01:34		
	14	08:39:28	08:39:30	08:40:17	08:40:20	08:41:05	00:00:47	00:01:35		
	15	08:41:05	08:41:07	08:41:56	08:41:59	08:42:44	00:00:49	00:01:37		
08:45 - 09:00	16	08:42:44	08:42:46	08:43:29	08:43:32	08:44:17	00:00:43	00:01:31	111	444
	17	08:45:53	08:45:55	08:46:41	08:46:44	08:47:30	00:00:46	00:01:35		
	18	08:47:30	08:47:32	08:48:18	08:48:21	08:49:05	00:00:46	00:01:33		
	19	08:55:30	08:55:32	08:56:19	08:56:22	08:57:08	00:00:47	00:01:36		
	20	08:57:08	08:57:10	08:57:54	08:57:57	08:58:42	00:00:44	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:22	17:00:24	17:01:10	17:01:13	17:01:58	00:00:46	00:01:34	151	604
	2	17:03:34	17:03:36	17:04:26	17:04:29	17:05:14	00:00:50	00:01:38		
	3	17:08:26	17:08:28	17:09:14	17:09:17	17:10:02	00:00:46	00:01:34		
	4	17:10:02	17:10:04	17:10:50	17:10:53	17:11:38	00:00:46	00:01:34		
	5	17:13:14	17:13:16	17:14:02	17:14:05	17:14:50	00:00:46	00:01:34		
17:15 - 17:30	6	17:16:26	17:16:28	17:17:16	17:17:19	17:18:03	00:00:46	00:01:35	158	632
	7	17:19:37	17:19:39	17:20:26	17:20:29	17:21:14	00:00:47	00:01:35		
	8	17:22:52	17:22:52	17:23:38	17:23:41	17:24:25	00:00:46	00:01:33		
	9	17:26:01	17:26:03	17:26:58	17:27:01	17:27:47	00:00:55	00:01:44		
	10	17:27:47	17:27:49	17:28:46	17:28:49	17:29:35	00:00:57	00:01:46		
17:30 - 17:45	11	17:31:26	17:31:28	17:32:20	17:32:32	17:33:17	00:01:01	00:01:49	162	648
	12	17:35:09	17:35:11	17:36:12	17:36:15	17:37:01	00:01:01	00:01:50		
	13	17:38:54	17:38:56	17:39:56	17:39:59	17:40:45	00:01:00	00:01:49		
	14	17:40:45	17:40:47	17:41:49	17:41:52	17:42:37	00:01:02	00:01:50		
	15	17:42:37	17:42:39	17:43:40	17:43:43	17:44:30	00:01:01	00:01:51		
17:45 - 18:00	16	17:46:21	17:46:23	17:47:28	17:47:31	17:48:17	00:01:05	00:01:54	158	632
	17	17:50:09	17:50:11	17:51:12	17:51:15	17:52:01	00:01:01	00:01:50		
	18	17:53:53	17:53:55	17:54:57	17:55:00	17:55:46	00:01:02	00:01:51		
	19	17:55:46	17:55:48	17:56:52	17:56:55	17:57:41	00:01:04	00:01:53		
	20	17:57:41	17:57:43	17:58:44	17:58:47	17:59:33	00:01:01	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
9	00:00:21	1577	
13	00:00:31	1510	
0	00:00:00	0	
6	00:00:11	1964	Average
15	00:00:35	1584	1659

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	100	400	00:01:34	00:00:45	1659	46.93%	
08:15 - 08:30	124	496	00:01:33	00:00:46	1659	60.72%	
08:30 - 08:45	109	436	00:01:35	00:00:47	1659	51.48%	Average
08:45 - 09:00	111	444	00:01:33	00:00:45	1659	50.32%	54.86%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	151	604	00:01:35	00:00:47	1659	73.77%	
17:15 - 17:30	158	632	00:01:39	00:00:51	1659	74.25%	
17:30 - 17:45	162	648	00:01:50	00:01:01	1659	76.32%	Average
17:45 - 18:00	158	632	00:01:52	00:01:03	1659	67.93%	73.57%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:13	0	0	0	0	0	0	0	0	0	0	06:02:16	0	0	0	0	0	0	0	0	0	0	06:03:02	00:01:27
0	0	0	0	0	0	0	0	0	06:08:08	0	0	0	0	0	0	0	0	0	0	06:08:11	0	0	0	0	0	0	0	0	0	0	06:08:57	00:01:26
0	0	0	0	0	0	0	0	0	06:14:33	0	1	0	0	0	0	0	0	0	1	06:14:36	0	0	0	0	0	0	0	0	0	0	06:15:15	00:01:35
0	0	0	0	0	0	0	0	0	06:20:54	0	2	0	0	0	0	0	0	0	2	06:20:57	0	0	0	0	0	0	0	0	0	0	06:21:42	00:01:36
0	0	0	0	0	0	0	0	0	06:27:17	0	1	0	0	0	0	0	0	0	1	06:27:20	0	0	0	0	0	0	0	0	0	0	06:28:06	00:01:37
0	0	0	0	0	0	0	0	1	06:30:30	0	0	0	0	0	0	0	0	0	0	06:30:33	0	0	0	0	0	0	0	0	0	0	06:31:19	00:01:39
1	0	0	0	0	0	0	0	1	06:35:18	0	0	0	0	0	0	0	0	0	0	06:35:21	0	0	0	0	0	0	0	0	0	0	06:36:06	00:01:34
0	0	0	0	0	0	0	0	0	06:44:54	0	0	0	0	0	0	0	0	0	0	06:44:57	0	0	0	0	0	0	0	0	0	0	06:45:42	00:01:34
2	2	0	0	0	0	0	0	7	06:53:15	0	0	0	0	0	0	0	0	0	0	06:53:18	0	0	0	0	0	0	0	0	0	0	06:53:43	00:01:35
0	0	0	0	0	0	0	0	0	06:59:18	0	1	0	0	0	0	0	0	0	1	06:59:21	0	0	0	0	0	0	0	0	0	0	07:00:07	00:01:35

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:56	0	0	0	0	0	0	0	0	0	0	06:05:58	4	1	1	0	0	0	0	3	1	7		0	0	0	0	0	0	0	0	0	0		0
2	06:08:56	0	0	0	0	0	0	0	0	0	0	06:08:58	2	0	0	0	0	0	0	0	0	2	06:09:06	0	0	0	0	0	0	0	0	0	0	06:09:16	4
3	06:12:06	0	0	0	0	0	0	0	0	0	0	06:12:08	9	0	0	1	0	0	0	0	0	14		0	0	0	0	0	0	0	0	0	0		0
4	06:24:55	0	0	0	0	0	0	0	0	0	0	06:24:57	2	0	0	0	0	0	0	0	0	2	06:25:04	5	0	0	3	2	0	0	0	0	11	06:25:27	3
5	06:31:17	0	0	0	0	0	0	0	0	0	0	06:31:19	2	0	0	0	0	0	0	1	0	2	06:31:29	6	0	0	0	0	0	0	0	0	6	06:31:40	5
6	06:34:30	0	0	0	0	0	0	0	0	0	0	06:34:32	1	0	0	1	0	0	0	0	0	3	06:34:44	8	0	4	1	0	0	0	1	1	14	06:35:13	1
7	06:36:06	0	0	0	0	0	0	0	0	0	0	06:36:08	1	0	0	1	0	0	0	0	0	2	06:36:12	5	0	2	0	0	0	0	0	0	7	06:36:27	5
8	06:44:06	0	0	0	0	0	0	0	0	0	0	06:44:08	5	0	3	1	0	0	0	2	0	10		0	0	0	0	0	0	0	0	0	0		0
9	06:50:30	0	0	0	0	0	0	0	0	0	0	06:50:32	0	0	0	2	0	0	0	0	0	2	06:50:38	3	0	0	4	0	0	0	0	0	7	06:50:54	5
10	06:56:55	0	0	0	0	0	0	0	0	0	0	06:56:57	0	0	1	1	0	0	0	0	0	3	06:57:04	8	1	3	1	0	1	0	1	0	16	06:57:38	1

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:01	08:01:03	08:01:48	08:01:51	08:02:37	00:00:45	00:01:34	168	672
	2	08:02:37	08:02:39	08:03:24	08:03:27	08:04:13	00:00:45	00:01:34		
	3	08:04:13	08:04:15	08:05:00	08:05:03	08:05:49	00:00:45	00:01:34		
	4	08:05:49	08:05:51	08:06:37	08:06:40	08:07:24	00:00:46	00:01:33		
	5	08:09:00	08:09:02	08:09:48	08:09:51	08:10:37	00:00:46	00:01:35		
08:15 - 08:30	6	08:15:25	08:15:27	08:16:13	08:16:16	08:16:56	00:00:46	00:01:29	148	592
	7	08:18:37	08:18:39	08:19:25	08:19:28	08:20:13	00:00:46	00:01:34		
	8	08:21:49	08:21:51	08:22:37	08:22:40	08:23:26	00:00:46	00:01:35		
	9	08:26:41	08:26:43	08:27:28	08:27:31	08:28:16	00:00:45	00:01:33		
	10	08:28:16	08:28:18	08:29:04	08:29:07	08:29:52	00:00:46	00:01:34		
08:30 - 08:45	11	08:31:29	08:31:31	08:32:17	08:32:20	08:33:05	00:00:46	00:01:34	182	728
	12	08:33:05	08:33:07	08:33:53	08:33:56	08:34:41	00:00:46	00:01:34		
	13	08:36:17	08:36:19	08:37:04	08:37:07	08:37:53	00:00:45	00:01:34		
	14	08:39:28	08:39:30	08:40:17	08:40:20	08:41:05	00:00:47	00:01:35		
	15	08:41:05	08:41:07	08:41:56	08:41:59	08:42:44	00:00:49	00:01:37		
08:45 - 09:00	16	08:42:44	08:42:46	08:43:29	08:43:32	08:44:17	00:00:43	00:01:31	164	656
	17	08:45:53	08:45:55	08:46:41	08:46:44	08:47:30	00:00:46	00:01:35		
	18	08:47:30	08:47:32	08:48:18	08:48:21	08:49:05	00:00:46	00:01:33		
	19	08:55:30	08:55:32	08:56:19	08:56:22	08:57:08	00:00:47	00:01:36		
	20	08:57:08	08:57:10	08:57:54	08:57:57	08:58:42	00:00:44	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:22	17:00:24	17:01:10	17:01:13	17:01:58	00:00:46	00:01:34	123	492
	2	17:03:34	17:03:36	17:04:26	17:04:29	17:05:14	00:00:50	00:01:38		
	3	17:08:26	17:08:28	17:09:14	17:09:17	17:10:02	00:00:46	00:01:34		
	4	17:10:02	17:10:04	17:10:50	17:10:53	17:11:38	00:00:46	00:01:34		
	5	17:13:14	17:13:16	17:14:02	17:14:05	17:14:50	00:00:46	00:01:34		
17:15 - 17:30	6	17:16:26	17:16:28	17:17:16	17:17:19	17:18:03	00:00:46	00:01:35	133	532
	7	17:19:37	17:19:39	17:20:26	17:20:29	17:21:14	00:00:47	00:01:35		
	8	17:22:52	17:22:52	17:23:38	17:23:41	17:24:25	00:00:46	00:01:33		
	9	17:26:01	17:26:03	17:26:58	17:27:01	17:27:47	00:00:55	00:01:44		
17:30 - 17:45	10	17:27:47	17:27:49	17:28:46	17:28:49	17:29:35	00:00:57	00:01:46	145	580
	11	17:31:26	17:31:28	17:32:20	17:32:32	17:33:17	00:01:01	00:01:49		
	12	17:35:09	17:35:11	17:36:12	17:36:15	17:37:01	00:01:01	00:01:50		
	13	17:38:54	17:38:56	17:39:56	17:39:59	17:40:45	00:01:00	00:01:49		
	14	17:40:45	17:40:47	17:41:49	17:41:52	17:42:37	00:01:02	00:01:50		
	15	17:42:37	17:42:39	17:43:40	17:43:43	17:44:30	00:01:01	00:01:51		
17:45 - 18:00	16	17:46:21	17:46:23	17:47:28	17:47:31	17:48:17	00:01:05	00:01:54	147	588
	17	17:50:09	17:50:11	17:51:12	17:51:15	17:52:01	00:01:01	00:01:50		
	18	17:53:53	17:53:55	17:54:57	17:55:00	17:55:46	00:01:02	00:01:51		
	19	17:55:46	17:55:48	17:56:52	17:56:55	17:57:41	00:01:04	00:01:53		
	20	17:57:41	17:57:43	17:58:44	17:58:47	17:59:33	00:01:01	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
5	00:00:10	2160	
0	00:00:00	0	
11	00:00:23	1722	
6	00:00:11	1964	
14	00:00:29	1750	
7	00:00:15	1680	
0	00:00:00	0	
7	00:00:16	1575	Average
16	00:00:34	1691	1791

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	168	672	00:01:34	00:00:45	1791	77.70%	
08:15 - 08:30	148	592	00:01:33	00:00:46	1791	67.13%	
08:30 - 08:45	182	728	00:01:35	00:00:47	1791	82.71%	Average
08:45 - 09:00	164	656	00:01:33	00:00:45	1791	75.70%	75.81%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	123	492	00:01:35	00:00:47	1791	55.66%	
17:15 - 17:30	133	532	00:01:35	00:00:51	1791	57.89%	
17:30 - 17:45	145	580	00:01:50	00:01:01	1791	58.30%	Average
17:45 - 18:00	147	588	00:01:52	00:01:03	1791	58.54%	57.60%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:40	1	0	0	0	0	0	0	0	0	1	06:06:43	0	0	0	0	0	0	0	0	0	0	06:07:29	00:01:31
0	2	0	0	0	0	0	0	0	06:09:42	0	0	0	0	0	0	0	0	0	0	06:09:45	0	0	0	0	0	0	0	0	0	0	06:10:30	00:01:32
0	0	0	0	0	0	0	0	0	06:12:55	2	0	0	0	0	0	0	0	0	2	06:12:58	0	0	0	0	0	0	0	0	0	0	06:13:38	00:01:33
0	1	0	0	0	0	0	0	4	06:29:43	3	0	0	0	0	0	0	0	0	3	06:29:46	0	0	0	0	0	0	0	0	0	0	06:30:27	00:01:30
0	2	0	0	0	0	0	0	7	06:32:06	0	0	1	0	0	0	0	0	0	1	06:32:09	0	0	0	0	0	0	0	0	0	0	06:32:54	00:01:35
0	0	0	0	0	0	0	0	1	06:35:18	2	0	0	0	0	0	0	0	0	2	06:35:21	0	0	0	0	0	0	0	0	0	0	06:36:08	00:01:34
0	2	0	0	0	0	0	0	7	06:36:57	0	0	1	0	0	0	0	0	0	1	06:37:00	1	0	0	0	0	0	0	0	0	1	06:37:45	00:01:37
0	0	0	0	0	0	0	0	0	06:44:54	0	0	1	0	0	0	0	0	0	1	06:44:57	0	0	0	0	0	0	0	0	0	0	06:45:42	00:01:34
0	1	0	0	0	1	0	0	8	06:51:18	0	0	0	0	0	0	0	0	0	0	06:51:21	0	0	0	0	0	0	0	0	0	0	06:52:06	00:01:34
0	0	0	0	0	0	0	0	1	06:57:42	0	0	0	0	0	0	0	0	0	0	06:57:45	0	0	0	0	0	0	0	0	0	0	06:58:30	00:01:33

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 39
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:56	0	0	0	0	0	0	0	0	0	0	06:05:58	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:08:56	0	0	0	0	0	0	0	0	0	0	06:08:58	6	1	2	0	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
3	06:12:06	0	0	0	0	0	0	0	0	0	0	06:12:08	1	0	7	0	0	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
4	06:16:59	0	0	0	0	0	0	0	0	0	0	06:16:57	2	0	0	0	0	0	0	1	0	2	06:17:02	5	0	1	0	0	0	0	0	0	6	06:17:14	3
5	06:20:04	0	0	0	0	0	0	0	0	0	0	06:20:06	8	0	4	0	0	0	0	0	0	12		0	0	0	0	0	0	0	0	0	0		0
6	06:21:42	0	0	0	0	0	0	0	0	0	0	06:21:44	4	0	7	2	0	1	0	1	0	16		0	0	0	0	0	0	0	0	0	0		0
7	06:24:55	0	0	0	0	0	0	0	0	0	0	06:24:57	2	0	0	0	0	0	0	0	0	2	06:25:02	6	1	2	1	0	0	0	0	0	11	06:25:24	4
8	06:28:06	0	0	0	0	0	0	0	0	0	0	06:28:08	2	0	0	0	0	0	0	0	0	2	06:28:12	3	0	3	0	0	0	0	0	0	6	06:28:26	3
9	06:31:17	0	0	0	0	0	0	0	0	0	0	06:31:19	1	0	1	0	0	0	0	0	0	2	06:31:29	7	0	0	0	0	0	0	0	0	7	06:31:42	2
10	06:36:06	0	0	0	0	0	0	0	0	0	0	06:36:08	1	0	1	0	0	0	0	0	0	2	06:36:13	6	0	4	0	0	0	0	0	0	10	06:36:35	7

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:01	08:01:03	08:01:48	08:01:51	08:02:37	00:00:45	00:01:34	192	768
	2	08:02:37	08:02:39	08:03:24	08:03:27	08:04:13	00:00:45	00:01:34		
	3	08:04:13	08:04:15	08:05:00	08:05:03	08:05:49	00:00:45	00:01:34		
	4	08:05:49	08:05:51	08:06:37	08:06:40	08:07:24	00:00:46	00:01:33		
	5	08:09:00	08:09:02	08:09:48	08:09:51	08:10:37	00:00:46	00:01:35		
08:15 - 08:30	6	08:15:25	08:15:27	08:16:13	08:16:16	08:16:56	00:00:46	00:01:29	201	804
	7	08:18:37	08:18:39	08:19:25	08:19:28	08:20:13	00:00:46	00:01:34		
	8	08:21:49	08:21:51	08:22:37	08:22:40	08:23:26	00:00:46	00:01:35		
	9	08:26:41	08:26:43	08:27:28	08:27:31	08:28:16	00:00:45	00:01:33		
	10	08:28:16	08:28:18	08:29:04	08:29:07	08:29:52	00:00:46	00:01:34		
08:30 - 08:45	11	08:31:29	08:31:31	08:32:17	08:32:20	08:33:05	00:00:46	00:01:34	176	704
	12	08:33:05	08:33:07	08:33:53	08:33:56	08:34:41	00:00:46	00:01:34		
	13	08:36:17	08:36:19	08:37:04	08:37:07	08:37:53	00:00:45	00:01:34		
	14	08:39:28	08:39:30	08:40:17	08:40:20	08:41:05	00:00:47	00:01:35		
	15	08:41:05	08:41:07	08:41:56	08:41:59	08:42:44	00:00:49	00:01:37		
08:45 - 09:00	16	08:42:44	08:42:46	08:43:29	08:43:32	08:44:17	00:00:43	00:01:31	174	696
	17	08:45:53	08:45:55	08:46:41	08:46:44	08:47:30	00:00:46	00:01:35		
	18	08:47:30	08:47:32	08:48:18	08:48:21	08:49:05	00:00:46	00:01:33		
	19	08:55:30	08:55:32	08:56:19	08:56:22	08:57:08	00:00:47	00:01:36		
	20	08:57:08	08:57:10	08:57:54	08:57:57	08:58:42	00:00:44	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:22	17:00:24	17:01:10	17:01:13	17:01:58	00:00:46	00:01:34	185	740
	2	17:03:34	17:03:36	17:04:26	17:04:29	17:05:14	00:00:50	00:01:38		
	3	17:08:26	17:08:28	17:09:14	17:09:17	17:10:02	00:00:46	00:01:34		
	4	17:10:02	17:10:04	17:10:50	17:10:53	17:11:38	00:00:46	00:01:34		
	5	17:13:14	17:13:16	17:14:02	17:14:05	17:14:50	00:00:46	00:01:34		
17:15 - 17:30	6	17:16:26	17:16:28	17:17:16	17:17:19	17:18:03	00:00:48	00:01:35	161	644
	7	17:19:37	17:19:39	17:20:26	17:20:29	17:21:14	00:00:47	00:01:35		
	8	17:22:52	17:22:52	17:23:38	17:23:41	17:24:25	00:00:46	00:01:33		
	9	17:29:01	17:29:03	17:29:58	17:27:01	17:27:47	00:00:55	00:01:44		
17:30 - 17:45	10	17:27:47	17:27:49	17:28:46	17:28:49	17:29:35	00:00:57	00:01:46	212	848
	11	17:31:26	17:31:28	17:32:20	17:32:32	17:33:17	00:01:01	00:01:49		
	12	17:35:09	17:35:11	17:36:12	17:36:15	17:37:01	00:01:01	00:01:50		
	13	17:38:54	17:38:56	17:39:56	17:39:59	17:40:45	00:01:00	00:01:49		
	14	17:40:45	17:40:47	17:41:49	17:41:52	17:42:37	00:01:02	00:01:50		
	15	17:42:37	17:42:39	17:43:40	17:43:43	17:44:30	00:01:01	00:01:51		
17:45 - 18:00	16	17:46:21	17:46:23	17:47:28	17:47:31	17:48:17	00:01:05	00:01:54	214	856
	17	17:50:09	17:50:11	17:51:12	17:51:15	17:52:01	00:01:01	00:01:50		
	18	17:53:53	17:53:55	17:54:57	17:55:00	17:55:46	00:01:02	00:01:51		
	19	17:55:46	17:55:48	17:56:52	17:56:55	17:57:41	00:01:04	00:01:53		
	20	17:57:41	17:57:43	17:58:44	17:58:47	17:59:33	00:01:01	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
6	00:00:12	1800	
0	00:00:00	0	
0	00:00:00	0	
11	00:00:22	1718	
6	00:00:14	1543	
7	00:00:13	1938	Average
10	00:00:22	1636	1727

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	192	768	00:01:34	00:00:45	1727	92.87%	
08:15 - 08:30	201	804	00:01:33	00:00:46	1727	94.52%	
08:30 - 08:45	176	704	00:01:35	00:00:47	1727	82.92%	Average
08:45 - 09:00	174	696	00:01:33	00:00:45	1727	83.77%	88.19%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	185	740	00:01:35	00:00:47	1727	86.79%	
17:15 - 17:30	161	644	00:01:35	00:00:51	1727	72.66%	
17:30 - 17:45	212	848	00:01:50	00:01:01	1727	88.38%	Average
17:45 - 18:00	214	856	00:01:52	00:01:03	1727	88.55%	84.04%

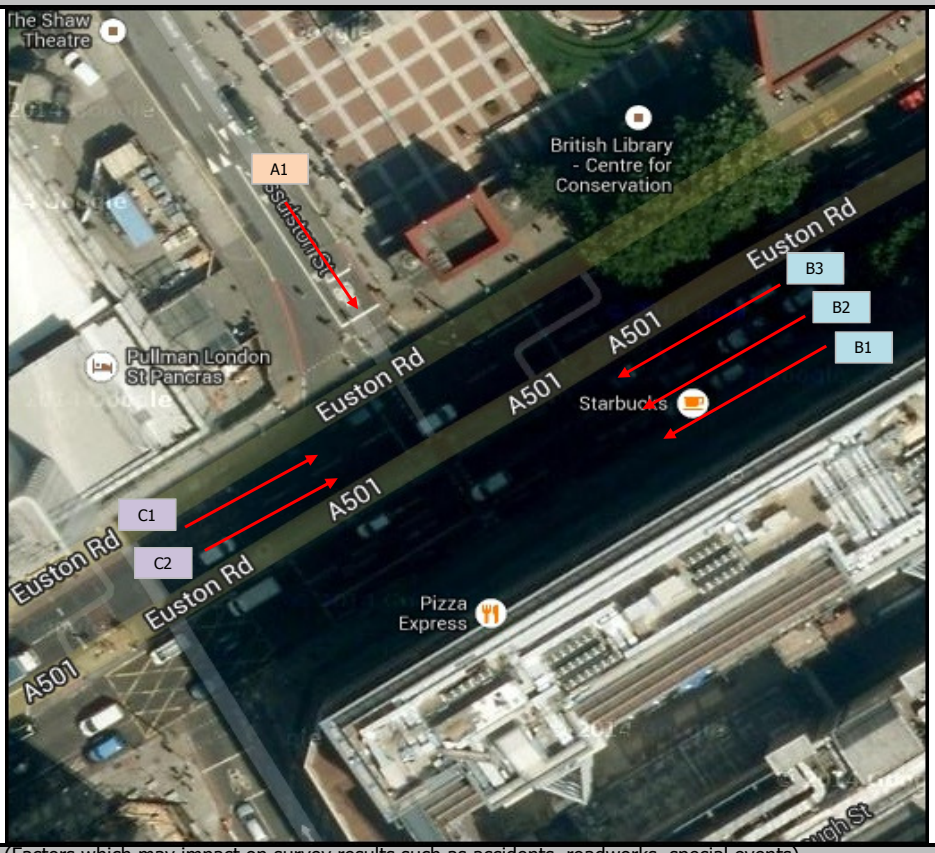
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:40	0	0	0	0	0	0	0	1	0	0	06:06:43	0	0	0	0	0	0	0	0	0	06:07:29	00:01:31
0	0	0	0	0	0	0	0	0	06:09:42	0	0	0	0	0	0	0	0	0	0	06:09:45	0	0	0	0	0	0	0	0	0	06:10:30	00:01:32
0	0	0	0	0	0	0	0	0	06:12:55	0	0	0	0	0	0	0	0	0	0	06:12:58	0	0	0	0	0	0	0	0	0	06:13:38	00:01:30
0	3	0	0	0	0	0	0	6	06:17:43	0	0	0	0	0	0	0	0	0	0	06:17:46	0	0	0	0	0	0	0	0	0	06:18:30	00:01:33
0	0	0	0	0	0	0	0	0	06:20:54	0	0	0	0	0	0	0	0	0	0	06:20:57	0	0	0	0	0	0	0	0	0	06:21:42	00:01:36
0	0	0	0	0	0	0	0	0	06:22:29	1	0	0	0	0	0	0	0	0	1	06:22:32	0	0	0	0	0	0	0	0	0	06:23:12	00:01:28
0	0	0	0	0	0	1	0	4	06:25:43	1	0	0	0	0	0	0	0	0	1	06:25:46	0	0	0	0	0	0	0	0	0	06:26:27	00:01:30
0	1	0	0	0	0	0	0	4	06:28:56	2	0	0	0	0	0	0	0	0	2	06:28:59	0	0	0	0	0	0	0	0	0	06:29:38	00:01:30
0	4	0	0	0	0	1	0	6	06:32:06	0	0	0	0	0	0	0	0	0	0	06:32:09	0	0	0	0	0	0	0	0	0	06:32:54	00:01:35
0	1	0	0	0	0	1	0	8	06:36:57	1	0	1	0	0	0	0	0	0	2	06:37:00	0	0	0	0	0	0	0	0	0	06:37:45	00:01:37

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 40
Date of Survey: 12.06.2014
Junction Name: Euston Road / Ossulston Street
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.528592	-0.127505	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

There are no amber or green lights in lanes C1/2. The traffic light is either red or unlit. The different signal heads are also out of synch in the PM peak. The ones on the far West were used.

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 40
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:23	0	0	0	0	0	0	0	0	0	0	06:01:25	0	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:07:19	0	0	0	0	0	0	0	0	0	0	06:07:21	0	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:16:41	0	0	0	0	0	0	0	0	0	0	06:16:43	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:24:42	0	0	0	0	0	0	0	0	0	0	06:24:44	0	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:34:18	0	0	0	0	0	0	0	0	0	0	06:34:20	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:47:03	0	0	0	0	0	0	0	0	0	0	06:47:05	0	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:48:43	0	0	0	0	0	0	0	0	0	0	06:48:45	0	0	0	0	0	0	0	2	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:50:19	0	0	0	0	0	0	0	0	0	0	06:50:21	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:58:19	0	0	0	0	0	0	0	0	0	0	06:58:21	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:59:55	0	0	0	0	0	0	0	0	0	0	06:59:57	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:49	08:00:51	08:01:03	08:01:06	08:02:28	00:00:12	00:01:37	14	56
	2	08:04:02	08:04:04	08:04:16	08:04:19	08:05:38	00:00:12	00:01:34		
	3	08:07:14	08:07:16	08:07:28	08:07:31	08:08:50	00:00:12	00:01:34		
	4	08:10:30	08:10:32	08:10:44	08:10:47	08:12:06	00:00:12	00:01:34		
	5	08:13:38	08:13:40	08:13:52	08:13:55	08:15:14	00:00:12	00:01:34		
08:15 - 08:30	6	08:16:50	08:16:52	08:17:04	08:17:07	08:18:26	00:00:12	00:01:34	23	92
	7	08:20:02	08:20:04	08:20:16	08:20:19	08:21:38	00:00:12	00:01:34		
	8	08:24:50	08:24:52	08:25:04	08:25:07	08:26:30	00:00:12	00:01:38		
	9	08:26:30	08:26:32	08:26:44	08:26:47	08:28:08	00:00:12	00:01:36		
	10	08:28:08	08:28:10	08:28:22	08:28:25	08:29:40	00:00:12	00:01:30		
08:30 - 08:45	11	08:31:17	08:31:19	08:31:32	08:31:35	08:32:53	00:00:13	00:01:34	18	72
	12	08:34:30	08:34:32	08:34:44	08:34:47	08:36:06	00:00:12	00:01:34		
	13	08:37:42	08:37:44	08:37:56	08:37:59	08:39:18	00:00:12	00:01:34		
	14	08:40:58	08:41:00	08:41:12	08:41:15	08:42:37	00:00:12	00:01:37		
	15	08:44:09	08:44:11	08:44:23	08:44:26	08:45:46	00:00:12	00:01:35		
08:45 - 09:00	16	08:47:17	08:47:19	08:47:31	08:47:34	08:48:54	00:00:12	00:01:35	20	80
	17	08:50:29	08:50:31	08:50:43	08:50:46	08:52:08	00:00:12	00:01:37		
	18	08:53:40	08:53:42	08:53:54	08:53:57	08:55:20	00:00:12	00:01:38		
	19	08:55:20	08:55:22	08:55:34	08:55:37	08:56:56	00:00:12	00:01:34		
	20	08:58:28	08:58:30	08:58:42	08:58:45	09:00:08	00:00:12	00:01:38		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:46	17:01:48	17:02:00	17:02:03	17:03:26	00:00:12	00:01:38	14	56
	2	17:04:58	17:05:00	17:05:12	17:05:15	17:06:38	00:00:12	00:01:38		
	3	17:08:15	17:08:17	17:08:29	17:08:28	17:09:50	00:00:13	00:01:38		
	4	17:11:22	17:11:24	17:11:36	17:11:39	17:13:01	00:00:12	00:01:37		
	5	17:13:01	17:13:03	17:13:15	17:13:18	17:14:33	00:00:12	00:01:30		
17:15 - 17:30	6	17:16:13	17:16:15	17:16:27	17:16:30	17:17:45	00:00:12	00:01:30	9	36
	7	17:19:24	17:19:26	17:19:38	17:19:41	17:20:56	00:00:12	00:01:30		
	8	17:22:32	17:22:34	17:22:45	17:22:48	17:24:08	00:00:11	00:01:34		
	9	17:24:08	17:24:10	17:24:22	17:24:25	17:25:48	00:00:12	00:01:38		
	10	17:27:36	17:27:38	17:27:50	17:27:53	17:29:22	00:00:12	00:01:44		
17:30 - 17:45	11	17:31:09	17:31:11	17:31:22	17:31:25	17:33:00	00:00:11	00:01:49	19	76
	12	17:34:58	17:35:00	17:35:11	17:35:14	17:36:56	00:00:11	00:01:56		
	13	17:38:42	17:38:44	17:38:55	17:38:58	17:40:40	00:00:11	00:01:56		
	14	17:42:26	17:42:28	17:42:39	17:42:42	17:44:22	00:00:11	00:01:54		
	15	17:33:00	17:33:02	17:33:13	17:33:16	17:34:58	00:00:11	00:01:56		
17:45 - 18:00	16	17:46:08	17:46:10	17:46:21	17:46:24	17:48:06	00:00:11	00:01:56	12	48
	17	17:48:06	17:48:08	17:48:19	17:48:22	17:49:52	00:00:11	00:01:44		
	18	17:51:50	17:51:52	17:52:03	17:52:06	17:53:36	00:00:11	00:01:44		
	19	17:53:36	17:53:38	17:53:49	17:53:52	17:55:34	00:00:11	00:01:56		
	20	17:57:32	17:57:34	17:57:45	17:57:48	17:59:18	00:00:11	00:01:44		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	14	56	00:01:35	00:00:12	0	0.00%	
08:15 - 08:30	23	92	00:01:34	00:00:12	0	0.00%	
08:30 - 08:45	18	72	00:01:35	00:00:12	0	0.00%	Average
08:45 - 09:00	20	80	00:01:36	00:00:12	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	14	56	00:01:36	00:00:12	0	0.00%	
17:15 - 17:30	9	36	00:01:35	00:00:12	0	0.00%	
17:30 - 17:45	19	76	00:01:54	00:00:11	0	0.00%	Average
17:45 - 18:00	12	48	00:01:49	00:00:11	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:36	0	0	0	0	0	0	0	0	0	0	06:01:39	0	0	0	0	0	0	0	0	0	0	06:02:51	00:01:26
0	0	0	0	0	0	0	0	0	06:07:32	0	0	0	0	0	0	0	0	0	0	06:07:35	0	0	0	0	0	0	0	0	0	0	06:08:47	00:01:26
0	0	0	0	0	0	0	0	0	06:16:55	0	0	0	0	0	0	0	0	0	0	06:16:58	0	0	0	0	0	0	0	0	0	0	06:18:19	00:01:36
0	0	0	0	0	0	0	0	0	06:24:56	0	0	0	0	0	0	0	0	0	0	06:24:59	0	0	0	0	0	0	0	0	0	0	06:26:20	00:01:36
0	0	0	0	0	0	0	0	0	06:34:32	0	0	0	0	0	0	0	0	0	0	06:34:35	0	0	0	0	0	0	0	0	0	0	06:35:54	00:01:34
0	0	0	0	0	0	0	0	0	06:47:12	0	0	0	0	0	0	0	0	0	0	06:47:15	0	0	0	0	0	0	0	0	1	0	06:48:43	00:01:38
0	0	0	0	0	0	0	0	0	06:48:57	1	0	0	0	0	0	0	0	0	1	06:49:00	0	0	0	0	0	0	0	0	0	0	06:50:19	00:01:34
0	0	0	0	0	0	0	0	0	06:50:33	0	0	0	0	0	0	0	0	0	0	06:50:36	0	0	0	0	0	0	0	0	0	0	06:51:51	00:01:30
0	0	0	0	0	0	0	0	0	06:58:33	0	0	0	0	0	0	0	0	0	0	06:58:36	0	0	0	0	0	0	0	0	0	0	06:59:55	00:01:34
0	0	0	0	0	0	0	0	0	07:00:09	0	0	0	0	0	0	0	0	0	0	07:00:12	0	0	0	0	0	0	0	0	0	0	07:01:43	00:01:46

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 40
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:15	0	0	0	0	0	0	0	0	0	0	06:00:17	1	0	0	0	0	2	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
2	06:01:43	0	0	0	0	0	0	0	0	0	0	06:01:45	0	0	0	0	0	3	0	0	1	6		0	0	0	0	0	0	0	0	0	0		0
3	06:03:11	0	0	0	0	0	0	0	0	0	0	06:03:13	0	0	0	0	0	3	0	1	0	6		0	0	0	0	0	0	0	0	0	0		0
4	06:04:40	0	0	0	0	0	0	0	0	0	0	06:04:42	0	0	0	0	0	0	0	1	1	2		0	0	0	0	0	0	0	0	0	0		0
5	06:06:11	0	0	0	0	0	0	0	0	0	0	06:06:13	0	0	0	0	0	2	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
6	06:07:39	0	0	0	0	0	0	0	0	0	0	06:07:41	2	1	0	0	0	2	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
7	06:09:07	0	0	0	0	0	0	0	0	0	0	06:09:09	0	0	0	0	0	0	0	1	2	3		0	0	0	0	0	0	0	0	0	0		0
8	06:10:38	0	0	0	0	0	0	0	0	0	0	06:10:40	0	0	0	0	0	0	0	1	1	1		0	0	0	0	0	0	0	0	0	0		0
9	06:12:10	0	0	0	0	0	0	0	0	0	0	06:12:12	1	2	0	0	0	0	0	1	3	4		0	0	0	0	0	0	0	0	0	0		0
10	06:13:49	0	0	0	0	0	0	0	0	0	0	06:13:51	1	2	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:11	08:01:13	08:02:19	08:02:22	08:02:49	00:01:06	00:01:36	91	364
	2	08:02:49	08:02:51	08:03:53	08:03:56	08:04:23	00:01:02	00:01:32		
	3	08:04:23	08:04:25	08:05:29	08:05:32	08:05:59	00:01:04	00:01:34		
	4	08:05:59	08:06:01	08:07:05	08:07:08	08:07:35	00:01:04	00:01:34		
	5	08:07:35	08:07:37	08:08:41	08:08:44	08:09:12	00:01:04	00:01:35		
08:15 - 08:30	6	08:15:35	08:15:37	08:16:40	08:16:43	08:17:11	00:01:03	00:01:34	72	288
	7	08:17:11	08:17:13	08:18:17	08:18:20	08:18:47	00:01:04	00:01:34		
	8	08:20:24	08:20:26	08:21:30	08:21:33	08:21:59	00:01:04	00:01:33		
	9	08:23:34	08:23:36	08:24:41	08:24:44	08:25:11	00:01:05	00:01:35		
	10	08:26:51	08:26:53	08:28:00	08:28:03	08:28:28	00:01:07	00:01:35		
08:30 - 08:45	11	08:31:38	08:31:40	08:32:44	08:32:47	08:33:14	00:01:04	00:01:34	95	380
	12	08:34:52	08:34:54	08:35:57	08:36:00	08:36:28	00:01:03	00:01:34		
	13	08:38:04	08:38:06	08:39:09	08:39:12	08:39:48	00:01:03	00:01:42		
	14	08:41:18	08:41:20	08:42:28	08:42:31	08:42:58	00:01:08	00:01:38		
	15	08:42:58	08:43:00	08:43:59	08:44:02	08:44:29	00:00:59	00:01:29		
08:45 - 09:00	16	08:46:06	08:46:08	08:47:07	08:47:10	08:47:38	00:00:59	00:01:30	133	532
	17	08:49:14	08:49:16	08:50:20	08:50:23	08:50:50	00:01:04	00:01:34		
	18	08:52:29	08:52:31	08:53:30	08:53:33	08:54:00	00:00:59	00:01:29		
	19	08:55:40	08:55:42	08:56:47	08:56:50	08:57:16	00:01:05	00:01:34		
	20	08:57:16	08:57:18	08:58:19	08:58:22	08:58:49	00:01:01	00:01:31		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:34	17:00:36	17:01:35	17:01:39	17:02:06	00:01:00	00:01:30	110	440
	2	17:03:46	17:03:48	17:04:48	17:04:51	17:05:18	00:01:00	00:01:30		
	3	17:06:58	17:07:00	17:08:00	17:08:03	17:08:30	00:01:00	00:01:30		
	4	17:10:10	17:10:12	17:11:12	17:11:15	17:11:42	00:01:00	00:01:30		
	5	17:13:21	17:13:23	17:14:23	17:14:26	17:14:53	00:01:00	00:01:30		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:35	17:17:38	17:18:05	00:01:00	00:01:30	107	428
	7	17:19:44	17:19:46	17:20:46	17:20:49	17:21:16	00:01:00	00:01:30		
	8	17:22:52	17:22:54	17:23:58	17:24:01	17:24:28	00:01:04	00:01:34		
	9	17:26:08	17:26:10	17:27:26	17:27:29	17:27:55	00:01:16	00:01:45		
	10	17:27:55	17:27:57	17:29:12	17:29:15	17:29:41	00:01:15	00:01:44		
17:30 - 17:45	11	17:31:27	17:31:29	17:32:30	17:32:33	17:33:19	00:01:03	00:01:50	152	608
	12	17:35:17	17:35:19	17:36:46	17:36:49	17:37:15	00:01:27	00:01:56		
	13	17:39:01	17:39:03	17:40:30	17:40:33	17:40:59	00:01:27	00:01:56		
	14	17:42:45	17:42:47	17:44:12	17:44:15	17:44:41	00:01:25	00:01:54		
	15	17:40:59	17:41:01	17:42:16	17:42:19	17:42:45	00:01:15	00:01:44		
17:45 - 18:00	16	17:46:27	17:46:29	17:47:56	17:47:59	17:48:25	00:01:27	00:01:56	120	480
	17	17:48:25	17:48:27	17:49:42	17:49:45	17:50:11	00:01:15	00:01:44		
	18	17:52:09	17:52:11	17:53:26	17:53:29	17:53:55	00:01:15	00:01:44		
	19	17:53:55	17:53:57	17:55:24	17:55:27	17:55:53	00:01:27	00:01:56		
	20	17:55:53	17:55:55	17:57:22	17:57:25	17:57:51	00:01:27	00:01:56		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	91	364	00:01:34	00:01:04	0	0.00%	
08:15 - 08:30	72	288	00:01:34	00:01:05	0	0.00%	
08:30 - 08:45	95	380	00:01:35	00:01:03	0	0.00%	Average
08:45 - 09:00	133	532	00:01:32	00:01:02	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	110	440	00:01:30	00:01:00	0	0.00%	
17:15 - 17:30	107	428	00:01:37	00:01:07	0	0.00%	
17:30 - 17:45	152	608	00:01:52	00:01:23	0	0.00%	Average
17:45 - 18:00	120	480	00:01:51	00:01:22	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:14	0	0	0	0	0	1	0	0	0	2	06:01:17	0	0	0	0	0	0	0	0	0	06:01:43	00:01:26
0	0	0	0	0	0	0	0	0	06:02:42	0	0	0	0	0	0	0	0	0	0	06:02:45	0	0	0	0	0	0	0	0	0	06:03:11	00:01:26
0	0	0	0	0	0	0	0	0	06:04:11	0	0	0	0	0	0	0	0	0	0	06:04:14	0	0	0	0	0	0	0	0	0	06:04:40	00:01:27
0	0	0	0	0	0	0	0	0	06:05:42	0	0	0	0	0	0	0	0	0	0	06:05:45	0	0	0	0	0	0	0	0	0	06:06:11	00:01:29
0	0	0	0	0	0	0	0	0	06:07:10	0	0	0	0	0	0	0	0	0	0	06:07:13	0	0	0	0	0	0	0	0	0	06:07:39	00:01:26
0	0	0	0	0	0	0	0	0	06:08:38	0	0	0	0	0	0	0	0	0	0	06:08:41	0	0	0	0	0	0	0	0	0	06:09:07	00:01:26
0	0	0	0	0	0	0	0	0	06:10:08	0	0	0	0	0	0	0	0	0	0	06:10:11	0	0	0	0	0	0	0	0	1	06:10:38	00:01:29
0	0	0	0	0	0	0	0	0	06:11:40	0	0	0	0	0	0	0	0	0	0	06:11:43	0	0	0	0	0	0	0	0	2	06:12:10	00:01:30
0	0	0	0	0	0	0	0	0	06:13:19	0	0	0	0	0	0	0	0	0	0	06:13:22	0	0	0	0	0	0	0	0	0	06:13:49	00:01:37
0	0	0	0	0	0	0	0	0	06:14:55	0	0	0	0	0	0	0	0	0	0	06:14:58	0	0	0	0	0	0	0	0	0	06:15:25	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 40
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand*† (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:09:07	0	0	0	0	0	0	0	0	0	0	06:09:09	1	0	0	0	0	1	0	0	0	3	06:09:23	5	2	2	1	0	0	0	0	0	11	06:09:44	1
2	06:10:38	0	0	0	0	0	0	0	0	0	0	06:10:40	8	1	0	0	1	0	1	0	0	13		0	0	0	0	0	0	0	0	0	0		0
3	06:12:10	0	0	0	0	0	0	0	0	0	0	06:12:12	9	2	5	1	0	0	0	1	0	21		0	0	0	0	0	0	0	0	0	0		0
4	06:13:49	0	0	0	0	0	0	0	0	0	0	06:13:51	1	0	1	0	0	0	0	0	0	2	06:14:03	11	1	1	1	0	0	0	0	0	13	06:14:26	0
5	06:15:25	0	0	0	0	0	0	0	0	0	0	06:15:27	7	1	3	4	0	1	0	1	0	19		0	0	0	0	0	0	0	0	0	0		0
6	06:17:02	0	0	0	0	0	0	0	0	0	0	06:17:04	12	0	4	0	1	0	0	1	0	19		0	0	0	0	0	0	0	0	0	0		0
7	06:50:40	0	0	0	0	0	0	0	0	0	0	06:50:42	2	0	0	0	0	0	0	0	0	2	06:50:45	4	0	2	1	0	1	0	0	0	10	06:51:03	5
8	06:52:12	0	0	0	0	0	0	0	0	0	0	06:52:14	2	0	0	0	0	0	0	0	0	2	06:52:19	5	0	0	1	0	0	0	0	0	7	06:52:30	9
9	06:53:52	0	0	0	0	0	0	0	0	0	0	06:53:54	1	0	0	1	0	0	0	0	0	2	06:54:03	6	1	1	0	0	0	0	0	0	8	06:54:19	4
10	06:57:00	0	0	0	0	0	0	0	0	0	0	06:57:02	1	0	1	0	0	0	0	0	0	2	06:57:07	6	0	4	0	0	0	0	0	0	10	06:57:30	10

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:11	08:01:13	08:02:19	08:02:22	08:02:49	00:01:06	00:01:36	183	732
	2	08:02:49	08:02:51	08:03:53	08:03:56	08:04:23	00:01:02	00:01:32		
	3	08:04:23	08:04:25	08:05:29	08:05:32	08:05:59	00:01:04	00:01:34		
	4	08:05:59	08:06:01	08:07:05	08:07:08	08:07:35	00:01:04	00:01:34		
	5	08:07:35	08:07:37	08:08:41	08:08:44	08:09:12	00:01:04	00:01:35		
08:15 - 08:30	6	08:15:35	08:15:37	08:16:40	08:16:43	08:17:11	00:01:03	00:01:34	197	788
	7	08:17:11	08:17:13	08:18:17	08:18:20	08:18:47	00:01:04	00:01:34		
	8	08:20:24	08:20:26	08:21:30	08:21:33	08:21:59	00:01:04	00:01:33		
	9	08:23:34	08:23:36	08:24:41	08:24:44	08:25:11	00:01:05	00:01:35		
	10	08:26:51	08:26:53	08:28:00	08:28:03	08:28:28	00:01:07	00:01:35		
08:30 - 08:45	11	08:31:38	08:31:40	08:32:44	08:32:47	08:33:14	00:01:04	00:01:34	161	644
	12	08:34:52	08:34:54	08:35:57	08:36:00	08:36:28	00:01:03	00:01:34		
	13	08:38:04	08:38:06	08:39:09	08:39:12	08:39:48	00:01:03	00:01:42		
	14	08:41:18	08:41:20	08:42:28	08:42:31	08:42:58	00:01:08	00:01:38		
	15	08:42:58	08:43:00	08:43:59	08:44:02	08:44:29	00:00:59	00:01:29		
08:45 - 09:00	16	08:46:06	08:46:08	08:47:07	08:47:10	08:47:38	00:00:59	00:01:30	135	540
	17	08:49:14	08:49:16	08:50:20	08:50:23	08:50:50	00:01:04	00:01:34		
	18	08:52:29	08:52:31	08:53:30	08:53:33	08:54:00	00:00:59	00:01:29		
	19	08:55:40	08:55:42	08:56:47	08:56:50	08:57:16	00:01:05	00:01:34		
	20	08:57:16	08:57:18	08:58:19	08:58:22	08:58:49	00:01:01	00:01:31		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:34	17:00:36	17:01:35	17:01:39	17:02:06	00:01:00	00:01:30	109	436
	2	17:03:46	17:03:48	17:04:48	17:04:51	17:05:18	00:01:00	00:01:30		
	3	17:06:58	17:07:00	17:08:00	17:08:03	17:08:30	00:01:00	00:01:30		
	4	17:10:10	17:10:12	17:11:12	17:11:15	17:11:42	00:01:00	00:01:30		
	5	17:13:21	17:13:23	17:14:23	17:14:26	17:14:53	00:01:00	00:01:30		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:35	17:17:38	17:18:05	00:01:00	00:01:30	84	336
	7	17:19:44	17:19:46	17:20:46	17:20:49	17:21:16	00:01:00	00:01:30		
	8	17:22:52	17:22:54	17:23:58	17:24:01	17:24:28	00:01:04	00:01:34		
	9	17:26:08	17:26:10	17:27:26	17:27:29	17:27:55	00:01:16	00:01:45		
	10	17:27:55	17:27:57	17:29:12	17:29:15	17:29:41	00:01:15	00:01:44		
17:30 - 17:45	11	17:31:27	17:31:29	17:32:30	17:32:33	17:33:19	00:01:01	00:01:50	124	496
	12	17:35:17	17:35:19	17:36:46	17:36:49	17:37:15	00:01:27	00:01:56		
	13	17:39:01	17:39:03	17:40:30	17:40:33	17:40:59	00:01:27	00:01:56		
	14	17:42:45	17:42:47	17:44:12	17:44:15	17:44:41	00:01:25	00:01:54		
	15	17:40:59	17:41:01	17:42:16	17:42:19	17:42:45	00:01:15	00:01:44		
17:45 - 18:00	16	17:46:27	17:46:29	17:47:56	17:47:59	17:48:25	00:01:27	00:01:56	116	464
	17	17:48:25	17:48:27	17:49:42	17:49:45	17:50:11	00:01:15	00:01:44		
	18	17:52:09	17:52:11	17:53:26	17:53:29	17:53:55	00:01:15	00:01:44		
	19	17:53:55	17:53:57	17:55:24	17:55:27	17:55:53	00:01:27	00:01:56		
	20	17:55:53	17:55:55	17:57:22	17:57:25	17:57:51	00:01:27	00:01:56		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
11	00:00:21	1800	
0	00:00:00	0	
0	00:00:00	0	
13	00:00:23	2035	
0	00:00:00	0	
0	00:00:00	0	
10	00:00:18	1900	
7	00:00:11	2127	
8	00:00:16	1800	Average
10	00:00:23	1965	1871

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	183	732	00:01:34	00:01:04	1871	57.58%	
08:15 - 08:30	197	788	00:01:34	00:01:05	1871	61.41%	
08:30 - 08:45	161	644	00:01:35	00:01:03	1871	51.79%	Average
08:45 - 09:00	135	540	00:01:32	00:01:02	1871	43.91%	53.42%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	109	436	00:01:30	00:01:00	1871	34.95%	
17:15 - 17:30	84	336	00:01:37	00:01:07	1871	25.89%	
17:30 - 17:45	124	496	00:01:52	00:01:23	1871	35.77%	Average
17:45 - 18:00	116	464	00:01:51	00:01:22	1871	33.55%	32.54%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	1	0	0	0	3	06:10:08	0	0	1	1	0	0	0	0	0	3	06:10:11	0	0	0	0	0	0	0	0	0	0	06:10:38	00:01:29
0	0	0	0	0	0	0	0	0	06:11:40	1	0	0	0	0	0	0	0	0	1	06:11:43	0	0	0	0	0	0	0	0	0	0	06:12:10	00:01:30
0	0	0	0	0	0	0	0	0	06:13:19	0	0	0	0	0	0	0	0	0	0	06:13:22	0	0	0	0	0	0	0	0	0	0	06:13:49	00:01:37
0	0	0	0	0	0	0	0	0	06:14:55	0	0	0	0	0	0	0	0	0	0	06:14:58	0	0	0	0	0	0	0	0	0	0	06:15:25	00:01:34
0	0	0	0	0	0	0	0	0	06:16:32	0	0	1	0	0	0	0	0	0	1	06:16:35	0	0	0	0	0	0	0	0	0	0	06:17:02	00:01:35
0	0	0	0	0	0	0	0	0	06:18:10	0	0	0	0	0	0	0	0	0	0	06:18:13	0	0	0	0	0	0	0	0	0	0	06:18:40	00:01:36
0	10	1	1	0	0	0	0	19	06:51:42	0	0	0	0	0	0	0	0	0	0	06:51:45	0	0	0	0	0	0	0	0	0	0	06:52:12	00:01:30
1	6	1	0	1	0	0	0	20	06:53:22	1	0	0	0	0	0	0	0	0	1	06:53:25	0	0	0	0	0	0	0	0	0	0	06:53:52	00:01:38
0	8	0	0	0	0	0	0	12	06:54:56	0	0	0	0	0	0	0	0	0	0	06:55:01	0	0	0	0	0	0	0	0	0	0	06:55:28	00:01:34
0	4	0	0	0	0	0	0	14	06:58:10	0	0	1	0	0	0	0	0	0	1	06:58:13	0	0	0	0	0	0	0	0	0	0	06:58:40	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 40
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:04:40	0	0	0	0	0	0	0	0	0	0	06:04:42	2	0	0	0	0	0	0	0	0	2	06:04:58	6	0	2	0	0	0	0	0	0	8	06:05:14	0
2	06:06:11	0	0	0	0	0	0	0	0	0	0	06:06:13	1	0	1	0	0	0	0	0	0	2	06:06:27	14	0	2	2	0	0	0	0	0	20	06:07:06	0
3	06:07:39	0	0	0	0	0	0	0	0	0	0	06:07:41	2	0	0	0	0	0	0	0	0	2	06:07:57	13	0	2	0	0	0	0	0	0	15	06:08:25	2
4	06:12:10	0	0	0	0	0	0	0	0	0	0	06:12:12	2	0	0	0	0	0	0	0	0	2	06:12:29	8	0	5	0	0	0	0	0	0	13	06:12:50	2
5	06:13:49	0	0	0	0	0	0	0	0	0	0	06:13:51	1	0	1	0	0	0	0	0	0	2	06:14:03	6	0	2	0	0	0	0	0	0	8	06:14:20	3
6	06:21:52	0	0	0	0	0	0	0	0	0	0	06:21:54	1	0	1	0	0	0	0	0	0	2	06:22:07	7	0	0	0	0	0	0	0	0	7	06:22:18	5
7	06:25:03	0	0	0	0	0	0	0	0	0	0	06:25:05	2	0	1	0	0	0	0	0	0	3	06:25:23	7	0	0	0	0	0	0	0	0	7	06:25:35	0
8	06:31:26	0	0	0	0	0	0	0	0	0	0	06:31:28	2	0	0	0	0	0	0	0	0	2	06:31:35	7	0	3	0	0	0	0	1	0	10	06:31:58	4
9	06:53:52	0	0	0	0	0	0	0	0	0	0	06:53:54	1	0	1	0	0	0	0	0	0	2	06:54:02	12	0	9	1	0	0	0	1	0	23	06:54:50	2
10	06:58:40	0	0	0	0	0	0	0	0	0	0	06:58:42	12	0	6	0	1	0	0	0	0	20		0	0	0	0	0	0	0	0	0	6		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:11	08:01:13	08:02:19	08:02:22	08:02:49	00:01:06	00:01:36	174	696
	2	08:02:49	08:02:51	08:03:53	08:03:56	08:04:23	00:01:02	00:01:32		
	3	08:04:23	08:04:25	08:05:29	08:05:32	08:05:59	00:01:04	00:01:34		
	4	08:05:59	08:06:01	08:07:05	08:07:08	08:07:35	00:01:04	00:01:34		
	5	08:07:35	08:07:37	08:08:41	08:08:44	08:09:12	00:01:04	00:01:35		
08:15 - 08:30	6	08:15:35	08:15:37	08:16:40	08:16:43	08:17:11	00:01:03	00:01:34	162	648
	7	08:17:11	08:17:13	08:18:17	08:18:20	08:18:47	00:01:04	00:01:34		
	8	08:20:24	08:20:26	08:21:30	08:21:33	08:21:59	00:01:04	00:01:33		
	9	08:23:34	08:23:36	08:24:41	08:24:44	08:25:11	00:01:05	00:01:35		
	10	08:26:51	08:26:53	08:28:00	08:28:03	08:28:28	00:01:07	00:01:35		
08:30 - 08:45	11	08:31:38	08:31:40	08:32:44	08:32:47	08:33:14	00:01:04	00:01:34	160	640
	12	08:34:52	08:34:54	08:35:57	08:36:00	08:36:28	00:01:03	00:01:34		
	13	08:38:04	08:38:06	08:39:09	08:39:12	08:39:48	00:01:03	00:01:42		
	14	08:41:18	08:41:20	08:42:28	08:42:31	08:42:58	00:01:08	00:01:38		
	15	08:42:58	08:43:00	08:43:59	08:44:02	08:44:29	00:00:59	00:01:29		
08:45 - 09:00	16	08:46:06	08:46:08	08:47:07	08:47:10	08:47:38	00:00:59	00:01:30	162	648
	17	08:49:14	08:49:16	08:50:20	08:50:23	08:50:50	00:01:04	00:01:34		
	18	08:52:29	08:52:31	08:53:30	08:53:33	08:54:00	00:00:59	00:01:29		
	19	08:55:40	08:55:42	08:56:47	08:56:50	08:57:16	00:01:05	00:01:34		
	20	08:57:16	08:57:18	08:58:19	08:58:22	08:58:49	00:01:01	00:01:31		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:34	17:00:36	17:01:35	17:01:39	17:02:06	00:01:00	00:01:30	104	416
	2	17:03:46	17:03:48	17:04:48	17:04:51	17:05:18	00:01:00	00:01:30		
	3	17:06:58	17:07:00	17:08:00	17:08:03	17:08:30	00:01:00	00:01:30		
	4	17:10:10	17:10:12	17:11:12	17:11:15	17:11:42	00:01:00	00:01:30		
	5	17:13:21	17:13:23	17:14:23	17:14:26	17:14:53	00:01:00	00:01:30		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:35	17:17:38	17:18:05	00:01:00	00:01:30	79	316
	7	17:19:44	17:19:46	17:20:46	17:20:49	17:21:16	00:01:00	00:01:30		
	8	17:22:52	17:22:54	17:23:58	17:24:01	17:24:28	00:01:04	00:01:34		
	9	17:26:08	17:26:10	17:27:26	17:27:29	17:27:55	00:01:16	00:01:45		
	10	17:27:55	17:27:57	17:29:12	17:29:15	17:29:41	00:01:15	00:01:44		
17:30 - 17:45	11	17:31:27	17:31:29	17:32:30	17:32:33	17:33:19	00:01:01	00:01:50	104	416
	12	17:35:17	17:35:19	17:36:46	17:36:49	17:37:15	00:01:27	00:01:56		
	13	17:39:01	17:39:03	17:40:30	17:40:33	17:40:59	00:01:27	00:01:56		
	14	17:42:45	17:42:47	17:44:12	17:44:15	17:44:41	00:01:25	00:01:54		
	15	17:40:59	17:41:01	17:42:16	17:42:19	17:42:45	00:01:15	00:01:44		
17:45 - 18:00	16	17:46:27	17:46:29	17:47:56	17:47:59	17:48:25	00:01:27	00:01:56	79	316
	17	17:48:25	17:48:27	17:49:42	17:49:45	17:50:11	00:01:15	00:01:44		
	18	17:52:09	17:52:11	17:53:26	17:53:29	17:53:55	00:01:15	00:01:44		
	19	17:53:55	17:53:57	17:55:24	17:55:27	17:55:53	00:01:27	00:01:56		
	20	17:55:53	17:55:55	17:57:22	17:57:25	17:57:51	00:01:27	00:01:56		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
8	00:00:16	1800	
20	00:00:39	1846	
15	00:00:28	1929	
13	00:00:21	2229	
8	00:00:17	1694	
7	00:00:11	2201	
7	00:00:12	2100	
10	00:00:23	1628	
23	00:00:48	1718	Average
0	00:00:00	0	1915

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	174	696	00:01:34	00:01:04	1915	53.50%	
08:15 - 08:30	162	648	00:01:34	00:01:05	1915	49.35%	
08:30 - 08:45	160	640	00:01:35	00:01:03	1915	50.29%	Average
08:45 - 09:00	162	648	00:01:32	00:01:02	1915	50.32%	50.87%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	104	416	00:01:30	00:01:00	1915	32.59%	
17:15 - 17:30	79	316	00:01:37	00:01:07	1915	23.79%	
17:30 - 17:45	104	416	00:01:52	00:01:23	1915	29.32%	Average
17:45 - 18:00	79	316	00:01:51	00:01:22	1915	22.32%	27.01%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:05:42	0	0	0	0	0	0	0	0	0	0	06:05:45	0	0	0	0	0	0	0	0	0	0	06:06:11	00:01:29
0	0	0	0	0	0	0	0	0	06:07:10	0	0	0	0	0	0	0	0	0	0	06:07:13	0	0	0	0	0	0	0	0	0	0	06:07:39	00:01:26
0	2	0	0	0	0	0	0	4	06:08:38	1	0	0	0	0	0	0	0	0	1	06:08:41	0	0	0	0	0	0	0	0	0	0	06:09:07	00:01:26
0	0	0	1	0	0	0	0	4	06:13:10	0	0	0	0	0	0	0	0	0	0	06:13:22	0	0	0	0	0	0	0	0	0	0	06:13:48	00:01:37
0	0	0	0	0	0	0	0	3	06:14:55	0	0	0	0	0	0	0	0	0	0	06:14:58	0	0	0	0	0	0	0	0	0	0	06:15:25	00:01:34
0	3	1	0	0	0	1	0	10	06:22:54	0	0	1	0	0	0	0	0	0	1	06:22:57	0	0	0	0	0	0	0	0	0	0	06:23:24	00:01:30
0	2	1	0	0	0	0	0	4	06:26:11	0	0	1	0	0	0	0	0	0	1	06:26:14	0	0	0	0	0	0	0	0	0	0	06:26:41	00:01:36
0	0	0	0	0	0	0	0	4	06:32:33	0	0	0	0	0	0	0	0	0	0	06:32:36	0	0	0	0	0	0	0	0	0	0	06:33:03	00:01:35
0	0	0	0	0	0	0	0	2	06:54:58	0	0	0	0	0	0	0	0	0	0	06:55:01	0	0	0	0	0	0	0	0	0	0	06:55:28	00:01:34
0	0	0	0	0	0	0	0	0	06:59:46	0	0	0	0	0	0	0	0	0	0	06:59:49	0	0	0	0	0	0	0	0	0	0	07:00:16	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 40
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1		0	0	0	0	0	0	0	0	0	0	06:13:50	1	0	0	0	0	1	0	2	0	4	06:14:12	6	0	0	0	0	0	0	0	0	6	06:14:21	4
2		0	0	0	0	0	0	0	0	0	0	06:21:53	1	3	1	0	1	0	3	0	0	13	06:22:34	3	3	1	0	0	1	0	2	0	11	06:22:52	0
3		0	0	0	0	0	0	0	0	0	0	06:23:25	2	2	0	0	0	0	0	1	0	4	06:23:40	5	1	1	0	0	1	0	2	0	10	06:24:02	0
4		0	0	0	0	0	0	0	0	0	0	06:25:04	0	1	1	0	0	0	0	1	0	2	06:25:17	7	1	0	0	0	0	0	0	0	8	06:25:30	7
5		0	0	0	0	0	0	0	0	0	0	06:26:42	0	2	0	1	0	0	0	0	0	4	06:26:59	3	0	3	1	0	1	0	1	1	10	06:27:20	5
6		0	0	0	0	0	0	0	0	0	0	06:33:04	1	1	1	0	0	0	0	0	0	3	06:33:19	3	3	3	1	0	0	0	2	0	11	06:33:45	2
7		0	0	0	0	0	0	0	0	0	0	06:34:40	0	1	1	0	0	0	0	0	0	2	06:34:48	5	0	2	0	0	0	0	1	0	7	06:35:03	4
8		0	0	0	0	0	0	0	0	0	0	06:36:16	1	0	1	0	0	0	0	0	0	2	06:36:25	5	2	0	0	0	1	0	0	0	9	06:36:40	3
9		0	0	0	0	0	0	0	0	0	0	06:44:17	0	0	1	0	0	1	0	0	0	3	06:44:33	2	0	3	1	0	0	0	0	1	7	06:44:43	4
10		0	0	0	0	0	0	0	0	0	0	06:50:41	6	3	0	0	0	0	0	0	0	9	06:51:18	3	3	1	0	0	0	0	0	1	7	06:51:27	1

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1		07:59:32	08:00:49		08:01:11	00:01:17	00:01:39		
2		08:01:11	08:02:28		08:02:50	00:01:17	00:01:39		
3		08:04:24	08:05:38		08:06:00	00:01:14	00:01:36	215	860
4		08:06:00	08:07:15		08:07:37	00:01:15	00:01:37		
5		08:12:29	08:13:38		08:14:00	00:01:09	00:01:31		
6		08:14:00	08:15:15		08:15:37	00:01:15	00:01:37		
7		08:15:37	08:16:51		08:17:12	00:01:14	00:01:35		
8		08:18:48	08:20:03		08:20:24	00:01:15	00:01:36	210	840
9		08:20:24	08:21:39		08:22:00	00:01:15	00:01:36		
10		08:26:52	08:28:09		08:28:31	00:01:17	00:01:39		
11		08:30:02	08:31:17		08:31:39	00:01:15	00:01:37		
12		08:31:39	08:32:53		08:33:15	00:01:14	00:01:36		
13		08:34:52	08:36:07		08:36:28	00:01:15	00:01:36	206	824
14		08:38:05	08:39:18		08:39:40	00:01:13	00:01:35		
15		08:41:20	08:42:38		08:43:00	00:01:18	00:01:40		
16		08:44:32	08:45:45		08:46:08	00:01:13	00:01:36		
17		08:46:08	08:47:17		08:47:39	00:01:09	00:01:31		
18		08:49:15	08:50:30		08:50:52	00:01:15	00:01:37	208	832
19		08:50:52	08:52:09		08:52:30	00:01:17	00:01:38		
20		08:54:03	08:55:21		08:55:42	00:01:18	00:01:39		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1		16:58:56	17:00:14		17:00:36	00:01:18	00:01:40		
2		17:02:08	17:03:27		17:03:49	00:01:19	00:01:41		
3		17:03:49	17:04:59		17:05:20	00:01:10	00:01:31	250	1000
4		17:07:01	17:08:11		17:08:32	00:01:10	00:01:31		
5		17:09:50	17:11:23		17:11:44	00:01:33	00:01:54		
6		17:14:54	17:16:13		17:16:35	00:01:19	00:01:41		
7		17:16:35	17:17:46		17:18:07	00:01:11	00:01:32		
8		17:19:27	17:20:57		17:21:18	00:01:30	00:01:51	223	892
9		17:22:54	17:24:09		17:24:31	00:01:15	00:01:37		
10		17:24:31	17:25:49		17:26:11	00:01:18	00:01:40		
11		17:29:43	17:31:09		17:31:31	00:01:26	00:01:48		
12		17:33:21	17:34:59		17:35:21	00:01:38	00:02:00		
13		17:35:21	17:36:57		17:37:19	00:01:36	00:01:58	283	1132
14		17:39:02	17:40:41		17:41:03	00:01:39	00:02:01		
15		17:41:03	17:42:27		17:42:49	00:01:24	00:01:46		
16		17:44:43	17:46:09		17:46:31	00:01:26	00:01:48		
17		17:46:31	17:48:07		17:48:29	00:01:36	00:01:58		
18		17:48:29	17:49:51		17:50:15	00:01:24	00:01:46	279	1116
19		17:52:11	17:53:57		17:53:59	00:01:26	00:01:48		
20		17:57:54	17:59:19		17:59:41	00:01:25	00:01:47		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:09	2400	
11	00:00:18	2200	
10	00:00:22	1604	
8	00:00:13	2215	
10	00:00:21	1731	
11	00:00:26	1565	
7	00:00:15	1776	
9	00:00:15	2160	
7	00:00:10	2340	Average
7	00:00:09	2960	2095

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	215	860	00:01:36	00:01:14	2095	53.19%	
08:15 - 08:30	210	840	00:01:37	00:01:15	2095	51.50%	
08:30 - 08:45	206	824	00:01:37	00:01:15	2095	50.76%	Average
08:45 - 09:00	208	832	00:01:36	00:01:14	2095	51.30%	51.70%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	250	1000	00:01:39	00:01:18	2095	60.83%	
17:15 - 17:30	223	892	00:01:40	00:01:19	2095	54.28%	
17:30 - 17:45	283	1132	00:01:55	00:01:33	2095	68.87%	Average
17:45 - 18:00	279	1116	00:01:49	00:01:27	2095	66.68%	62.16%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	1	0	5	06:15:04	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:15:26	00:01:36
0	0	1	0	0	0	0	0	2	06:23:03	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:23:25	00:01:32
0	0	2	0	0	0	1	1	4	06:24:42	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:25:04	00:01:39
0	0	1	0	0	0	0	0	9	06:26:20	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:26:43	00:01:39
0	2	0	1	0	0	0	1	10	06:27:52	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:28:14	00:01:32
0	0	0	0	0	0	0	1	2	06:34:19	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:34:41	00:01:37
1	2	0	0	0	0	0	0	7	06:35:55	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:36:16	00:01:36
2	1	0	1	0	0	0	1	9	06:37:31	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:37:53	00:01:37
1	1	0	0	0	0	0	1	6	06:45:32	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:45:53	00:01:36
1	2	0	0	0	0	1	0	4	06:51:52	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:52:13	00:01:32

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 40
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1		0	0	0	0	0	0	0	0	0	0	06:06:12	7	0	2	1	0	0	0	2	0	11	06:06:56	5	0	2	0	0	0	0	0	0	7	06:07:11	0
2		0	0	0	0	0	0	0	0	0	0	06:17:03	3	0	2	1	0	0	0	3	0	9	06:17:47	5	0	2	0	0	0	0	1	0	9	06:18:05	1
3		0	0	0	0	0	0	0	0	0	0	06:18:41	4	0	3	0	0	0	0	1	0	7	06:19:29	4	0	4	0	0	0	0	0	0	8	06:19:48	0
4		0	0	0	0	0	0	0	0	0	0	06:21:53	7	0	2	1	0	0	0	1	0	11	06:22:31	10	0	1	1	0	0	0	0	0	15	06:22:55	0
5		0	0	0	0	0	0	0	0	0	0	06:23:25	2	0	0	0	0	0	0	0	0	2	06:23:36	5	0	5	1	0	0	0	1	0	12	06:24:06	2
6		0	0	0	0	0	0	0	0	0	0	06:25:04	2	0	0	0	0	0	0	1	0	2	06:25:14	7	0	0	0	0	0	0	1	0	7	06:25:28	7
7		0	0	0	0	0	0	0	0	0	0	06:26:42	2	0	0	0	0	0	0	0	0	2	06:26:53	8	0	3	0	0	0	0	1	0	12	06:27:17	7
8		0	0	0	0	0	0	0	0	0	0	06:28:14	2	0	0	0	0	0	0	0	0	2	06:28:29	7	0	0	0	0	0	0	0	0	7	06:28:41	7
9		0	0	0	0	0	0	0	0	0	0	06:29:50	7	0	3	0	0	0	0	1	0	10	06:30:37	6	0	1	0	0	0	0	0	0	7	06:30:50	1
10		0	0	0	0	0	0	0	0	0	0	06:31:27	3	0	3	0	0	0	0	0	0	6	06:31:51	7	0	2	1	0	0	0	0	0	11	06:32:07	6

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1		07:59:32	08:00:49		08:01:11	00:01:17	00:01:39		
2		08:01:11	08:02:28		08:02:50	00:01:17	00:01:39		
3		08:04:24	08:05:38		08:06:00	00:01:14	00:01:36		
4		08:06:00	08:07:15		08:07:37	00:01:15	00:01:37		
5		08:12:29	08:13:38		08:14:00	00:01:09	00:01:31		
6		08:14:00	08:15:15		08:15:37	00:01:15	00:01:37		
7		08:15:37	08:16:51		08:17:12	00:01:14	00:01:35		
8		08:18:48	08:20:03		08:20:24	00:01:15	00:01:36		
9		08:20:24	08:21:39		08:22:00	00:01:15	00:01:36		
10		08:26:52	08:28:09		08:28:31	00:01:17	00:01:39		
11		08:30:02	08:31:17		08:31:39	00:01:15	00:01:37		
12		08:31:39	08:32:53		08:33:15	00:01:14	00:01:36		
13		08:34:52	08:36:07		08:36:28	00:01:15	00:01:36		
14		08:38:05	08:39:18		08:39:40	00:01:13	00:01:35		
15		08:41:20	08:42:38		08:43:00	00:01:18	00:01:40		
16		08:44:32	08:45:45		08:46:08	00:01:13	00:01:36		
17		08:46:08	08:47:17		08:47:39	00:01:09	00:01:31		
18		08:49:15	08:50:30		08:50:52	00:01:15	00:01:37		
19		08:50:52	08:52:09		08:52:30	00:01:17	00:01:38		
20		08:54:03	08:55:21		08:55:42	00:01:18	00:01:39		
08:00 - 08:15								197	788
08:15 - 08:30								211	844
08:30 - 08:45								203	812
08:45 - 09:00								211	844

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1		16:58:56	17:00:14		17:00:36	00:01:18	00:01:40		
2		17:02:08	17:03:27		17:03:49	00:01:19	00:01:41		
3		17:03:49	17:04:59		17:05:20	00:01:10	00:01:31		
4		17:07:01	17:08:11		17:08:32	00:01:10	00:01:31		
5		17:09:50	17:11:23		17:11:44	00:01:33	00:01:54		
6		17:14:54	17:16:13		17:16:35	00:01:19	00:01:41		
7		17:16:35	17:17:46		17:18:07	00:01:11	00:01:32		
8		17:19:27	17:20:57		17:21:18	00:01:30	00:01:51		
9		17:22:54	17:24:09		17:24:31	00:01:15	00:01:37		
10		17:24:31	17:25:49		17:26:11	00:01:18	00:01:40		
11		17:29:43	17:31:09		17:31:31	00:01:26	00:01:48		
12		17:33:21	17:34:59		17:35:21	00:01:38	00:02:00		
13		17:35:21	17:36:57		17:37:19	00:01:36	00:01:58		
14		17:39:02	17:40:41		17:41:03	00:01:39	00:02:01		
15		17:41:03	17:42:27		17:42:49	00:01:24	00:01:46		
16		17:44:43	17:46:09		17:46:31	00:01:26	00:01:48		
17		17:46:31	17:48:07		17:48:29	00:01:36	00:01:58		
18		17:48:29	17:49:51		17:50:15	00:01:24	00:01:46		
19		17:52:11	17:53:57		17:53:59	00:01:26	00:01:48		
20		17:57:54	17:59:19		17:59:41	00:01:25	00:01:47		
17:00 - 17:15								161	644
17:15 - 17:30								178	712
17:30 - 17:45								225	900
17:45 - 18:00								194	776

Saturation Flow

06:00 - 07:00	PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
	7	00:00:15	1680	
	9	00:00:18	1800	
	8	00:00:19	1516	
	15	00:00:24	2220	
	12	00:00:30	1428	
	7	00:00:14	1903	
	12	00:00:24	1830	
	7	00:00:12	2100	
	7	00:00:13	1938	Average
	11	00:00:16	2363	1878

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	197	788	00:01:36	00:01:14	1878	54.37%	
08:15 - 08:30	211	844	00:01:37	00:01:15	1878	57.74%	
08:30 - 08:45	203	812	00:01:37	00:01:15	1878	55.81%	Average
08:45 - 09:00	211	844	00:01:36	00:01:14	1878	58.12%	56.51%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	161	644	00:01:39	00:01:18	1878	43.71%	
17:15 - 17:30	178	712	00:01:40	00:01:19	1878	48.34%	
17:30 - 17:45	225	900	00:01:55	00:01:33	1878	59.32%	Average
17:45 - 18:00	194	776	00:01:49	00:01:27	1878	51.73%	50.77%

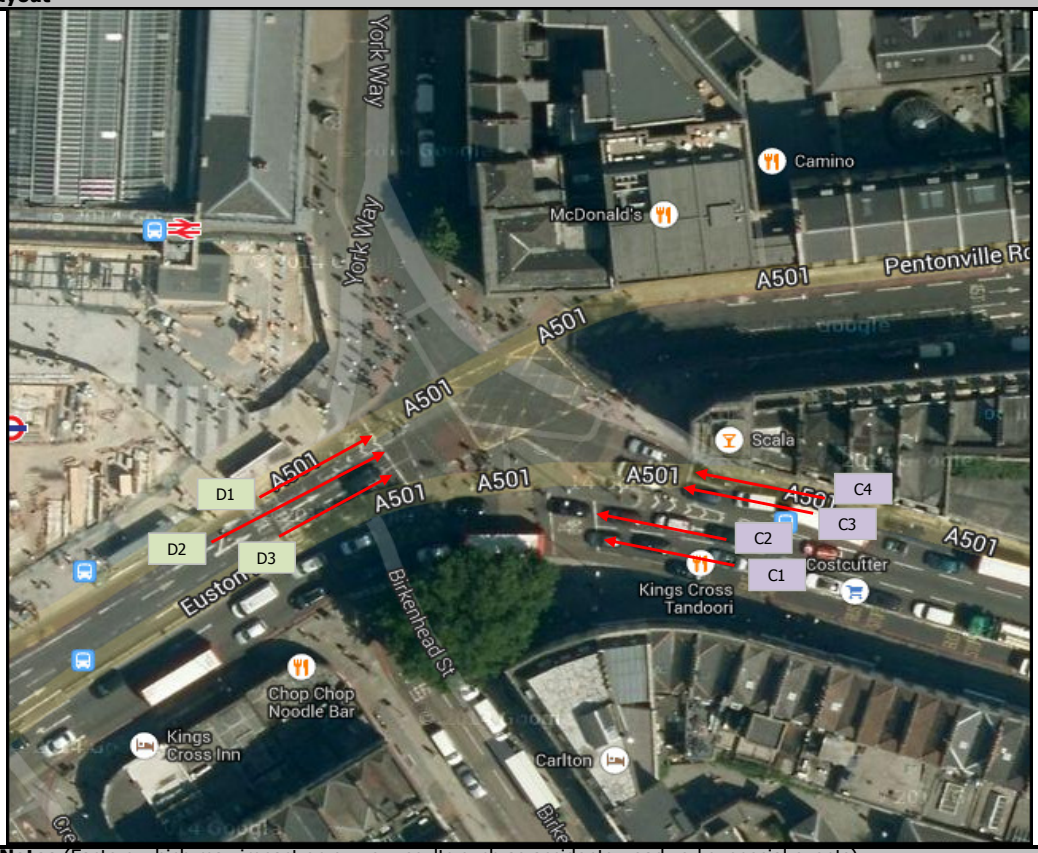
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:07:19	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:07:41	00:01:29
0	0	0	0	0	0	0	0	0	06:18:19	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:18:41	00:01:38
0	0	0	0	0	0	0	0	0	06:19:55	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:20:17	00:01:36
0	1	0	0	0	0	0	0	1	06:23:03	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:23:25	00:01:53
0	1	0	0	0	0	1	0	3	06:24:42	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:25:04	00:01:39
0	5	0	1	0	0	0	0	14	06:26:20	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:26:43	00:01:39
0	4	1	0	0	1	0	0	15	06:27:52	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:28:14	00:01:32
0	4	1	0	0	0	0	1	13	06:29:29	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:29:51	00:01:37
0	2	0	0	0	0	0	0	3	06:31:05	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:31:27	00:01:37
0	4	0	0	0	0	1	0	10	06:32:43	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	06:33:05	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 48
Date of Survey: 12.06.2014
Junction Name: York Way / Pentonville Road / Euston Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.530696	-0.122513	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 48
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:24	0	0	0	0	0	0	0	0	0	0	06:03:26	0	0	1	1	0	0	0	0	0	3	06:03:34	4	0	2	2	0	0	0	0	0	9	06:03:49	0
2	06:09:15	0	0	0	0	0	0	0	0	0	0	06:09:17	2	0	0	0	0	0	0	0	0	2	06:09:23	8	0	0	0	0	0	0	1	0	12	06:09:44	0
3	06:18:46	0	0	0	0	0	0	0	0	0	0	06:18:48	1	0	1	0	0	0	0	1	0	2	06:18:53	4	0	6	0	0	1	0	0	1	12	06:19:15	0
4	06:22:46	0	0	0	0	0	0	0	0	0	0	06:22:48	1	0	0	0	0	0	1	0	0	3	06:22:54	7	0	1	1	2	0	0	0	0	11	06:23:15	0
5	06:28:27	0	0	0	0	0	0	0	0	0	0	06:28:29	1	0	1	0	0	0	0	0	0	2	06:28:38	8	0	2	1	0	0	0	0	0	12	06:28:56	0
6	06:33:13	0	0	0	0	0	0	0	0	0	0	06:33:15	1	0	1	0	0	0	0	0	0	2	06:33:19	3	0	1	1	0	2	0	0	1	10	06:33:42	0
7	06:39:36	0	0	0	0	0	0	0	0	0	0	06:39:38	1	0	1	0	0	0	0	0	0	2	06:39:45	5	1	2	0	0	2	0	0	0	12	06:40:07	0
8	06:46:01	0	0	0	0	0	0	0	0	0	0	06:46:03	2	0	0	0	0	0	0	1	0	2	06:46:10	2	2	2	0	0	2	0	0	0	10	06:46:39	0
9	06:51:35	0	0	0	0	0	0	0	0	0	0	06:51:37	1	0	1	0	0	0	0	0	0	2	06:51:43	2	0	4	1	0	1	0	0	0	10	06:52:01	0
10	06:57:13	0	0	0	0	0	0	0	0	0	0	06:57:15	2	0	0	0	0	0	0	0	2	2	06:57:24	3	0	2	1	0	0	0	1	0	7	06:57:41	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:15	08:01:17	08:01:45	08:01:48	08:02:04	00:00:28	00:00:47	233	932
	2	08:02:04	08:02:06	08:02:37	08:02:40	08:02:56	00:00:31	00:00:50		
	3	08:03:44	08:03:46	08:04:13	08:04:16	08:04:31	00:00:27	00:00:45		
	4	08:09:19	08:09:21	08:09:49	08:09:52	08:10:06	00:00:28	00:00:45		
	5	08:12:40	08:12:42	08:13:08	08:13:11	08:13:28	00:00:26	00:00:46		
08:15 - 08:30	6	08:16:35	08:16:37	08:17:04	08:17:07	08:17:23	00:00:27	00:00:48	242	968
	7	08:18:11	08:18:13	08:18:41	08:18:44	08:18:59	00:00:28	00:00:48		
	8	08:22:55	08:22:57	08:23:24	08:23:27	08:23:43	00:00:27	00:00:48		
	9	08:26:08	08:26:10	08:26:40	08:26:43	08:26:59	00:00:30	00:00:49		
	10	08:27:46	08:27:48	08:28:21	08:28:24	08:28:39	00:00:33	00:00:51		
08:30 - 08:45	11	08:30:59	08:31:01	08:31:24	08:31:27	08:31:43	00:00:23	00:00:42	239	956
	12	08:34:07	08:34:09	08:34:40	08:34:43	08:34:59	00:00:31	00:00:50		
	13	08:38:12	08:38:14	08:38:38	08:38:41	08:38:59	00:00:24	00:00:45		
	14	08:42:10	08:42:12	08:42:38	08:42:41	08:42:56	00:00:26	00:00:44		
	15	08:43:45	08:43:47	08:44:11	08:44:14	08:44:30	00:00:24	00:00:43		
08:45 - 09:00	16	08:46:07	08:46:09	08:46:36	08:46:39	08:46:56	00:00:27	00:00:47	186	744
	17	08:48:28	08:48:30	08:48:57	08:49:00	08:49:15	00:00:27	00:00:45		
	18	08:50:51	08:50:53	08:51:21	08:51:24	08:51:41	00:00:28	00:00:48		
	19	08:54:04	08:54:06	08:54:34	08:54:37	08:54:51	00:00:28	00:00:45		
	20	08:58:10	08:58:12	08:58:38	08:58:41	08:58:57	00:00:26	00:00:45		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:29	17:01:31	17:01:59	17:02:01	17:02:17	00:00:27	00:00:46	159	636
	2	17:03:05	17:03:07	17:03:34	17:03:37	17:03:51	00:00:27	00:00:44		
	3	17:06:21	17:06:23	17:06:54	17:06:57	17:07:13	00:00:31	00:00:50		
	4	17:10:29	17:10:31	17:10:58	17:11:01	17:11:17	00:00:27	00:00:46		
	5	17:13:41	17:13:43	17:14:10	17:14:13	17:14:29	00:00:27	00:00:46		
17:15 - 17:30	6	17:16:05	17:16:07	17:16:30	17:16:33	17:16:49	00:00:23	00:00:42	73	292
	7	17:19:14	17:19:16	17:19:42	17:19:45	17:20:01	00:00:26	00:00:45		
	8	17:23:13	17:23:15	17:23:42	17:23:45	17:24:01	00:00:27	00:00:46		
	9	17:27:20	17:27:22	17:27:54	17:27:57	17:28:12	00:00:32	00:00:50		
	10	17:29:09	17:29:11	17:29:42	17:29:45	17:30:02	00:00:31	00:00:51		
17:30 - 17:45	11	17:31:55	17:31:57	17:32:32	17:32:35	17:32:51	00:00:35	00:00:54	148	592
	12	17:35:35	17:35:37	17:36:12	17:36:15	17:36:30	00:00:35	00:00:53		
	13	17:39:19	17:39:21	17:39:56	17:39:59	17:40:15	00:00:35	00:00:54		
	14	17:42:07	17:42:09	17:42:47	17:42:50	17:43:07	00:00:38	00:00:58		
	15	17:44:03	17:44:05	17:44:44	17:44:47	17:45:03	00:00:39	00:00:58		
17:45 - 18:00	16	17:47:51	17:47:53	17:48:32	17:48:35	17:48:50	00:00:39	00:00:57	146	584
	17	17:49:47	17:49:49	17:50:24	17:50:27	17:50:43	00:00:35	00:00:54		
	18	17:53:25	17:53:37	17:54:12	17:54:15	17:54:31	00:00:35	00:00:54		
	19	17:56:22	17:56:24	17:57:01	17:57:04	17:57:20	00:00:37	00:00:56		
	20	17:58:16	17:58:18	17:58:53	17:58:56	17:59:12	00:00:35	00:00:54		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
9	00:00:15	2160	
12	00:00:21	2040	
12	00:00:22	1956	
11	00:00:21	1886	
12	00:00:18	2300	
10	00:00:23	1518	
12	00:00:22	1964	
10	00:00:20	1800	
10	00:00:18	1900	Average
7	00:00:17	1461	1903

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	233	932	00:00:47	00:00:28	1903	81.53%	
08:15 - 08:30	242	968	00:00:48	00:00:29	1903	83.51%	
08:30 - 08:45	239	956	00:00:45	00:00:26	1903	87.94%	Average
08:45 - 09:00	186	744	00:00:46	00:00:27	1903	66.14%	79.78%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	159	636	00:00:46	00:00:28	1903	55.80%	
17:15 - 17:30	73	292	00:00:47	00:00:28	1903	25.84%	
17:30 - 17:45	148	592	00:00:55	00:00:36	1903	47.36%	Average
17:45 - 18:00	146	584	00:00:55	00:00:36	1903	46.64%	43.91%

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Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:49	0	0	1	0	0	0	0	0	0	1	06:03:52	0	0	0	0	0	0	0	0	0	0	06:04:04	00:00:38
0	0	0	0	0	0	0	0	0	06:09:44	0	0	0	0	0	0	0	0	0	0	06:09:47	0	0	0	0	0	0	0	0	0	0	06:10:03	00:00:46
0	0	0	0	0	0	0	0	0	06:15:15	0	0	0	1	0	0	0	0	0	1	06:15:18	0	0	0	0	0	0	0	0	0	0	06:15:34	00:00:46
0	0	0	0	0	0	0	0	0	06:23:15	0	0	0	0	0	0	0	0	0	0	06:23:18	0	0	0	0	0	0	0	0	0	0	06:23:34	00:00:46
0	0	0	0	0	0	0	0	0	06:28:56	0	0	0	0	0	0	0	0	0	0	06:28:59	0	0	0	0	0	0	0	0	0	0	06:29:16	00:00:47
0	0	0	0	0	0	0	0	0	06:33:42	0	0	0	0	0	0	0	0	0	0	06:33:45	0	0	0	0	0	0	0	0	0	0	06:34:01	00:00:46
0	0	0	0	0	0	0	0	0	06:40:07	0	1	0	0	0	0	0	0	0	1	06:40:10	0	0	0	0	0	0	0	0	0	0	06:40:26	00:00:48
0	0	0	0	0	0	0	0	0	06:46:30	0	0	0	0	0	0	0	0	1	0	06:46:33	0	0	0	0	0	0	0	0	0	0	06:46:49	00:00:46
0	0	0	0	0	0	0	0	0	06:52:01	0	0	1	0	0	0	0	0	0	1	06:52:04	0	0	0	0	0	0	0	0	0	0	06:52:20	00:00:43
0	0	0	0	0	0	0	0	0	06:57:41	0	0	0	0	0	0	0	0	0	0	06:57:44	0	0	0	0	0	0	0	0	0	0	06:58:01	00:00:46

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Site Number: Site 48
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:20:25	0	0	0	0	0	0	0	0	0	0	06:20:27	1	1	0	0	0	0	0	0	0	2	06:20:36	7	0	1	0	0	0	0	0	0	8	06:20:49	1
2	06:38:06	0	0	0	0	0	0	0	0	0	0	06:38:08	0	0	1	1	0	0	0	0	0	3	06:38:16	4	0	3	0	0	0	0	1	0	7	06:38:33	0
3	06:41:14	0	0	0	0	0	0	0	0	0	0	06:41:16	6	1	2	0	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0		
4	06:42:47	0	0	0	0	0	0	0	0	0	0	06:42:49	1	0	1	0	0	0	0	0	0	2	06:42:58	5	0	2	1	0	0	0	0	0	9	06:43:15	0
5	06:50:47	0	0	0	0	0	0	0	0	0	0	06:50:49	2	0	0	0	0	0	0	0	0	2	06:50:56	7	1	0	0	0	0	0	2	0	9	06:51:16	0
6	06:51:35	0	0	0	0	0	0	0	0	0	0	06:51:37	2	0	0	0	0	0	0	0	0	2	06:51:42	8	0	1	0	0	0	0	0	0	9	06:51:57	0
7	06:52:20	0	0	0	0	0	0	0	0	0	0	06:52:22	1	0	1	0	0	0	0	0	0	2	06:52:27	4	1	1	0	0	0	0	1	0	8	06:52:44	0
8	06:54:00	0	0	0	0	0	0	0	0	0	0	06:54:02	3	2	2	0	0	0	1	0	1	9		0	0	0	0	0	0	0	0	0	0		0
9	06:54:48	0	0	0	0	0	0	0	0	0	0	06:54:50	2	0	0	0	0	0	0	0	0	2	06:54:58	4	0	4	0	0	0	0	0	0	8	06:55:18	0
10	06:56:25	0	0	0	0	0	0	0	0	0	0	06:56:27	1	0	1	0	0	0	0	0	0	2	06:56:33	6	0	3	0	0	0	0	1	0	9	06:56:53	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	08:01:15	08:01:17	08:01:45	08:01:48	08:02:04	00:00:28	00:00:47		
	08:02:04	08:02:06	08:02:37	08:02:40	08:02:56	00:00:31	00:00:50		
08:00 - 08:15	08:03:44	08:03:46	08:04:13	08:04:16	08:04:31	00:00:27	00:00:45	146	584
	08:09:19	08:09:21	08:09:49	08:09:52	08:10:08	00:00:28	00:00:45		
	08:12:40	08:12:42	08:13:08	08:13:11	08:13:28	00:00:26	00:00:46		
	08:16:35	08:16:37	08:17:04	08:17:07	08:17:23	00:00:27	00:00:46		
	08:18:11	08:18:13	08:18:41	08:18:44	08:18:59	00:00:28	00:00:46		
08:15 - 08:30	08:22:55	08:22:57	08:23:24	08:23:27	08:23:43	00:00:27	00:00:46	145	580
	08:26:08	08:26:10	08:26:40	08:26:43	08:26:59	00:00:30	00:00:49		
	08:27:46	08:27:48	08:28:21	08:28:24	08:28:39	00:00:33	00:00:51		
	08:30:59	08:31:01	08:31:24	08:31:27	08:31:43	00:00:23	00:00:42		
	08:34:07	08:34:09	08:34:40	08:34:43	08:34:59	00:00:31	00:00:50		
08:30 - 08:45	08:38:12	08:38:14	08:38:38	08:38:41	08:38:59	00:00:24	00:00:45	150	600
	08:42:10	08:42:12	08:42:38	08:42:41	08:42:56	00:00:26	00:00:44		
	08:43:45	08:43:47	08:44:11	08:44:14	08:44:30	00:00:24	00:00:43		
	08:46:07	08:46:09	08:46:36	08:46:39	08:46:56	00:00:27	00:00:47		
	08:48:28	08:48:30	08:48:57	08:49:00	08:49:15	00:00:27	00:00:45		
08:45 - 09:00	08:50:51	08:50:53	08:51:21	08:51:24	08:51:41	00:00:28	00:00:48	156	624
	08:54:04	08:54:06	08:54:34	08:54:37	08:54:51	00:00:28	00:00:45		
	08:58:10	08:58:12	08:58:38	08:58:41	08:58:57	00:00:26	00:00:45		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	17:01:29	17:01:31	17:01:58	17:02:01	17:02:17	00:00:27	00:00:46		
	17:03:05	17:03:07	17:03:34	17:03:37	17:03:51	00:00:27	00:00:44		
17:00 - 17:15	17:06:21	17:06:23	17:06:54	17:06:57	17:07:13	00:00:31	00:00:50	128	512
	17:10:29	17:10:31	17:10:58	17:11:01	17:11:17	00:00:27	00:00:46		
	17:13:41	17:13:43	17:14:10	17:14:13	17:14:29	00:00:27	00:00:46		
	17:16:05	17:16:07	17:16:30	17:16:33	17:16:49	00:00:23	00:00:42		
	17:19:14	17:19:16	17:19:42	17:19:45	17:20:01	00:00:26	00:00:45		
17:15 - 17:30	17:23:13	17:23:15	17:23:42	17:23:45	17:24:01	00:00:27	00:00:46	102	408
	17:27:20	17:27:22	17:27:54	17:27:57	17:28:12	00:00:32	00:00:50		
	17:29:09	17:29:11	17:29:42	17:29:45	17:30:02	00:00:31	00:00:51		
	17:31:55	17:31:57	17:32:32	17:32:35	17:32:51	00:00:35	00:00:54		
	17:35:35	17:35:37	17:36:12	17:36:15	17:36:30	00:00:35	00:00:53		
17:30 - 17:45	17:39:19	17:39:21	17:39:56	17:39:59	17:40:15	00:00:35	00:00:54	150	600
	17:42:07	17:42:09	17:42:47	17:42:50	17:43:07	00:00:38	00:00:58		
	17:44:03	17:44:05	17:44:44	17:44:47	17:45:03	00:00:39	00:00:58		
	17:47:51	17:47:53	17:48:32	17:48:35	17:48:50	00:00:39	00:00:57		
	17:49:47	17:49:49	17:50:24	17:50:27	17:50:43	00:00:35	00:00:54		
17:45 - 18:00	17:53:35	17:53:37	17:54:12	17:54:15	17:54:31	00:00:35	00:00:54	128	512
	17:56:22	17:56:24	17:57:01	17:57:04	17:57:20	00:00:37	00:00:56		
	17:58:16	17:58:18	17:58:53	17:58:56	17:59:12	00:00:35	00:00:54		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
8	00:00:13	2215	
7	00:00:17	1567	
0	00:00:00	0	
9	00:00:17	1800	
9	00:00:20	1584	
9	00:00:15	2160	
8	00:00:17	1779	
0	00:00:00	0	
8	00:00:20	1440	Average
9	00:00:20	1692	1780

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	146	584	00:00:47	00:00:28	1780	54.61%	
08:15 - 08:30	145	580	00:00:48	00:00:29	1780	53.49%	
08:30 - 08:45	150	600	00:00:45	00:00:26	1780	59.00%	Average
08:45 - 09:00	156	624	00:00:46	00:00:27	1780	59.30%	56.60%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	128	512	00:00:46	00:00:28	1780	48.02%	
17:15 - 17:30	102	408	00:00:47	00:00:28	1780	38.59%	
17:30 - 17:45	150	600	00:00:55	00:00:36	1780	51.31%	Average
17:45 - 18:00	128	512	00:00:55	00:00:36	1780	43.71%	45.41%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber												Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	1	06:20:55	0	0	0	0	0	0	0	0	0	0	06:20:58	0	0	0	0	0	0	0	0	0	0	06:21:12	00:00:45
0	0	0	0	0	0	0	0	0	06:38:34	0	0	0	0	0	0	0	0	0	0	06:38:37	0	0	0	0	0	0	0	0	0	0	06:38:54	00:00:46
0	0	0	0	0	0	0	0	0	06:41:43	2	0	0	0	0	0	0	0	2	2	06:41:46	0	0	1	0	0	0	0	0	0	1	06:42:02	00:00:46
0	0	0	0	0	0	0	0	0	06:43:15	0	0	1	0	0	0	0	0	0	1	06:43:18	0	0	0	0	0	0	0	0	0	0	06:43:34	00:00:45
0	0	0	0	0	0	0	0	0	06:51:16	0	0	1	0	0	0	0	0	0	1	06:51:19	0	0	0	0	0	0	0	0	0	0	06:51:35	00:00:46
0	0	0	0	0	0	0	0	0	06:52:01	0	0	0	0	0	0	0	0	0	0	06:52:04	0	0	0	0	0	0	0	0	0	0	06:52:20	00:00:43
0	0	0	0	0	0	0	0	0	06:52:49	0	0	1	0	0	0	0	0	0	1	06:52:52	0	0	0	0	0	0	0	0	0	0	06:53:08	00:00:46
0	0	0	0	0	0	0	0	0	06:54:29	0	0	1	0	0	0	0	1	0	1	06:54:32	0	0	0	0	0	0	0	0	1	0	06:54:48	00:00:46
0	0	0	0	0	0	0	0	0	06:55:18	0	0	0	0	0	0	0	0	0	0	06:55:21	0	0	0	0	0	0	0	0	0	0	06:55:37	00:00:47
0	0	0	0	0	0	0	0	0	06:56:53	1	0	0	0	0	0	0	0	1	1	06:56:56	0	0	0	0	0	0	0	0	1	0	06:57:13	00:00:46

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 48
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:57	0	0	0	0	0	0	0	0	0	0	06:03:59	3	0	3	1	0	0	0	0	0	8		0	0	0	0	0	0	0	0	0	0		0
2	06:11:26	0	0	0	0	0	0	0	0	0	0	06:11:28	1	0	2	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:19:08	0	0	0	0	0	0	0	0	0	0	06:19:10	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:27:32	0	0	0	0	0	0	0	0	0	0	06:27:34	2	0	1	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:32:24	0	0	0	0	0	0	0	0	0	0	06:32:26	0	0	1	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:39:52	0	0	0	0	0	0	0	0	0	0	06:39:54	1	0	2	0	0	2	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0
7	06:45:10	0	0	0	0	0	0	0	0	0	0	06:45:12	3	0	4	0	0	1	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
8	06:49:52	0	0	0	0	0	0	0	0	0	0	06:49:54	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:53:04	0	0	0	0	0	0	0	0	0	0	06:53:06	2	0	2	1	0	2	0	3	1	11		0	0	0	0	0	0	0	0	0	0		0
10	06:56:17	0	0	0	0	0	0	0	0	0	0	06:56:19	0	1	0	1	0	0	0	0	0	3	06:56:26	6	1	3	0	0	0	0	0	0	10	06:56:45	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:00	08:02:02	08:02:29	08:02:32	08:03:36	00:00:27	00:01:34	64	256
	2	08:05:10	08:05:12	08:05:39	08:05:42	08:06:47	00:00:27	00:01:35		
	3	08:09:58	08:10:00	08:10:27	08:10:30	08:11:35	00:00:27	00:01:35		
	4	08:11:34	08:11:36	08:11:58	08:12:01	08:13:11	00:00:22	00:01:35		
	5	08:13:11	08:13:13	08:13:39	08:13:42	08:14:48	00:00:26	00:01:36		
08:15 - 08:30	6	08:16:28	08:16:30	08:16:50	08:16:53	08:18:04	00:00:20	00:01:34	60	240
	7	08:19:39	08:19:41	08:20:00	08:20:03	08:21:15	00:00:19	00:01:34		
	8	08:22:49	08:22:51	08:23:12	08:23:15	08:24:27	00:00:21	00:01:36		
	9	08:24:27	08:24:29	08:24:50	08:24:53	08:26:08	00:00:21	00:01:39		
	10	08:27:41	08:27:43	08:28:10	08:28:13	08:29:16	00:00:27	00:01:33		
08:30 - 08:45	11	08:30:50	08:30:52	08:31:12	08:31:15	08:32:32	00:00:20	00:01:40	59	236
	12	08:34:08	08:34:10	08:34:32	08:34:35	08:35:49	00:00:22	00:01:39		
	13	08:37:19	08:37:21	08:37:45	08:37:48	08:39:00	00:00:24	00:01:39		
	14	08:40:30	08:40:32	08:40:56	08:40:59	08:42:10	00:00:24	00:01:38		
	15	08:42:08	08:42:10	08:42:27	08:42:30	08:43:42	00:00:17	00:01:32		
08:45 - 09:00	16	08:45:21	08:45:23	08:45:44	08:45:47	08:47:01	00:00:21	00:01:38	70	280
	17	08:48:35	08:48:37	08:48:59	08:49:02	08:50:06	00:00:22	00:01:29		
	18	08:51:39	08:51:41	08:52:07	08:52:10	08:53:17	00:00:26	00:01:36		
	19	08:54:53	08:54:55	08:55:21	08:55:24	08:56:29	00:00:26	00:01:34		
	20	08:56:29	08:56:31	08:56:56	08:56:59	08:58:09	00:00:25	00:01:38		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:22	17:01:24	17:01:51	17:01:54	17:02:58	00:00:27	00:01:34	79	316
	2	17:04:34	17:04:36	17:05:02	17:05:05	17:06:13	00:00:26	00:01:37		
	3	17:07:50	17:07:52	17:08:19	17:08:22	17:09:25	00:00:27	00:01:34		
	4	17:11:02	17:11:04	17:11:31	17:11:34	17:12:38	00:00:27	00:01:34		
	5	17:12:38	17:12:40	17:13:07	17:13:10	17:14:14	00:00:27	00:01:34		
17:15 - 17:30	6	17:15:53	17:15:55	17:16:22	17:16:25	17:17:32	00:00:27	00:01:37	71	284
	7	17:19:10	17:19:12	17:19:38	17:19:41	17:20:42	00:00:26	00:01:30		
	8	17:21:53	17:21:55	17:22:22	17:22:25	17:23:29	00:00:27	00:01:33		
	9	17:27:02	17:27:04	17:27:30	17:27:33	17:28:00	00:00:26	00:01:56		
	10	17:29:00	17:29:02	17:29:28	17:29:31	17:30:53	00:00:26	00:01:51		
17:30 - 17:45	11	17:30:51	17:30:53	17:31:19	17:31:22	17:32:45	00:00:26	00:01:52	71	284
	12	17:32:43	17:32:45	17:33:11	17:33:14	17:34:36	00:00:26	00:01:51		
	13	17:36:25	17:36:27	17:36:54	17:36:57	17:38:20	00:00:27	00:01:53		
	14	17:40:10	17:40:12	17:40:39	17:40:42	17:42:02	00:00:27	00:01:50		
	15	17:43:55	17:43:57	17:44:23	17:44:26	17:45:48	00:00:26	00:01:51		
17:45 - 18:00	16	17:45:48	17:45:50	17:46:17	17:46:20	17:47:39	00:00:27	00:01:49	102	408
	17	17:49:38	17:49:40	17:50:07	17:50:10	17:51:26	00:00:27	00:01:46		
	18	17:53:21	17:53:23	17:53:50	17:53:53	17:55:13	00:00:27	00:01:50		
	19	17:55:13	17:55:15	17:55:40	17:55:43	17:57:05	00:00:25	00:01:50		
	20	17:58:58	17:59:00	17:59:26	17:59:29	18:00:50	00:00:26	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
10	00:00:19	1895	1895

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	64	256	00:01:35	00:00:26	1895	49.75%	
08:15 - 08:30	60	240	00:01:35	00:00:22	1895	55.87%	
08:30 - 08:45	59	236	00:01:38	00:00:19	1895	62.66%	Average
08:45 - 09:00	70	280	00:01:35	00:00:24	1895	58.50%	56.48%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	79	316	00:01:35	00:00:27	1895	58.87%	
17:15 - 17:30	71	284	00:01:41	00:00:26	1895	57.34%	
17:30 - 17:45	71	284	00:01:51	00:00:26	1895	63.25%	Average
17:45 - 18:00	102	408	00:01:49	00:00:26	1895	88.91%	67.09%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:22	0	0	0	0	0	0	0	0	0	0	06:04:25	0	0	0	0	0	0	0	0	0	0	06:05:19	00:01:20
0	0	0	0	0	0	0	0	0	06:11:54	0	0	1	0	0	0	0	0	0	1	06:11:57	0	0	0	0	0	0	0	0	0	0	06:12:43	00:01:15
0	0	0	0	0	0	0	0	0	06:19:24	0	0	0	0	0	0	0	0	0	0	06:19:27	0	0	0	0	0	0	0	0	0	0	06:20:12	00:01:03
0	0	0	0	0	0	0	0	0	06:27:58	0	0	0	0	0	0	0	0	0	0	06:28:01	0	0	0	0	0	0	0	0	0	0	06:29:12	00:01:38
0	0	0	0	0	0	0	0	0	06:32:49	0	0	0	0	0	0	0	0	0	0	06:32:52	0	0	0	0	0	0	0	0	0	0	06:33:43	00:01:17
0	0	0	0	0	0	0	0	0	06:40:16	0	0	0	0	0	0	0	0	0	0	06:40:19	0	0	0	0	0	0	0	0	1	0	06:41:03	00:01:09
0	0	0	0	0	0	0	0	0	06:45:39	0	0	0	0	0	0	0	0	0	0	06:45:42	0	0	0	0	0	0	0	0	0	0	06:46:46	00:01:34
0	0	0	0	0	0	0	0	0	06:50:21	0	0	0	0	0	0	0	0	0	0	06:50:24	0	0	0	0	0	0	0	0	0	0	06:51:31	00:01:37
0	0	0	0	0	0	0	0	0	06:53:34	0	0	0	0	0	0	0	0	0	0	06:53:37	0	0	0	0	0	0	0	0	0	0	06:54:36	00:01:30
0	0	0	0	0	0	0	0	0	06:56:45	1	0	0	0	0	0	0	0	0	1	06:56:48	0	0	0	0	0	0	0	0	0	0	06:57:53	00:01:34

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 48
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:57	0	0	0	0	0	0	0	0	0	0	06:03:59	1	0	1	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
2	06:09:50	0	0	0	0	0	0	0	0	0	0	06:09:52	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:19:08	0	0	0	0	0	0	0	0	0	0	06:19:10	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:24:49	0	0	0	0	0	0	0	0	0	0	06:24:51	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:29:11	0	0	0	0	0	0	0	0	0	0	06:29:13	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
6	06:35:29	0	0	0	0	0	0	0	0	0	0	06:35:31	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:42:13	0	0	0	0	0	0	0	0	0	0	06:42:15	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:47:57	0	0	0	0	0	0	0	0	0	0	06:47:59	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:54:36	0	0	0	0	0	0	0	0	0	0	06:54:38	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:59:07	0	0	0	0	0	0	0	0	0	0	06:59:09	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:00	08:02:02	08:02:29	08:02:32	08:03:36	00:00:27	00:01:34	33	132
	2	08:05:10	08:05:12	08:05:39	08:05:42	08:06:47	00:00:27	00:01:35		
	3	08:09:58	08:10:00	08:10:27	08:10:30	08:11:35	00:00:27	00:01:35		
	4	08:11:34	08:11:36	08:11:58	08:12:01	08:13:11	00:00:22	00:01:35		
	5	08:13:11	08:13:13	08:13:39	08:13:42	08:14:48	00:00:26	00:01:36		
08:15 - 08:30	6	08:16:28	08:16:30	08:16:50	08:16:53	08:18:04	00:00:20	00:01:36	29	116
	7	08:19:39	08:19:41	08:20:00	08:20:03	08:21:15	00:00:19	00:01:34		
	8	08:22:49	08:22:51	08:23:12	08:23:15	08:24:27	00:00:21	00:01:36		
	9	08:24:27	08:24:29	08:24:50	08:24:53	08:26:08	00:00:21	00:01:39		
	10	08:27:41	08:27:43	08:28:10	08:28:13	08:29:16	00:00:27	00:01:33		
08:30 - 08:45	11	08:30:50	08:30:52	08:31:12	08:31:15	08:32:32	00:00:20	00:01:40	33	132
	12	08:34:08	08:34:10	08:34:32	08:34:35	08:35:49	00:00:22	00:01:39		
	13	08:37:19	08:37:21	08:37:45	08:37:48	08:39:00	00:00:24	00:01:39		
	14	08:40:30	08:40:32	08:40:56	08:40:59	08:42:10	00:00:24	00:01:38		
	15	08:42:08	08:42:10	08:42:27	08:42:30	08:43:42	00:00:17	00:01:32		
08:45 - 09:00	16	08:45:21	08:45:23	08:45:44	08:45:47	08:47:01	00:00:21	00:01:38	36	144
	17	08:48:35	08:48:37	08:48:59	08:49:02	08:50:06	00:00:22	00:01:29		
	18	08:51:39	08:51:41	08:52:07	08:52:10	08:53:17	00:00:26	00:01:36		
	19	08:54:53	08:54:55	08:55:21	08:55:24	08:56:29	00:00:26	00:01:34		
	20	08:56:29	08:56:31	08:56:56	08:56:59	08:58:09	00:00:25	00:01:38		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:22	17:01:24	17:01:51	17:01:54	17:02:58	00:00:27	00:01:34	82	328
	2	17:04:34	17:04:36	17:05:02	17:05:05	17:06:13	00:00:26	00:01:37		
	3	17:07:50	17:07:52	17:08:19	17:08:22	17:09:25	00:00:27	00:01:34		
	4	17:11:02	17:11:04	17:11:31	17:11:34	17:12:38	00:00:27	00:01:34		
	5	17:12:38	17:12:40	17:13:07	17:13:10	17:14:14	00:00:27	00:01:34		
17:15 - 17:30	6	17:15:53	17:15:55	17:16:22	17:16:25	17:17:32	00:00:27	00:01:37	60	240
	7	17:19:10	17:19:12	17:19:38	17:19:41	17:20:42	00:00:26	00:01:30		
	8	17:21:53	17:21:55	17:22:22	17:22:25	17:23:29	00:00:27	00:01:33		
	9	17:27:02	17:27:04	17:27:30	17:27:33	17:29:00	00:00:26	00:01:56		
	10	17:29:00	17:29:02	17:29:28	17:29:31	17:30:53	00:00:26	00:01:51		
17:30 - 17:45	11	17:30:51	17:30:53	17:31:19	17:31:22	17:32:45	00:00:26	00:01:52	54	216
	12	17:32:43	17:32:45	17:33:11	17:33:14	17:34:36	00:00:26	00:01:51		
	13	17:36:25	17:36:27	17:36:54	17:36:57	17:38:20	00:00:27	00:01:53		
	14	17:40:10	17:40:12	17:40:39	17:40:42	17:42:02	00:00:27	00:01:50		
	15	17:43:55	17:43:57	17:44:23	17:44:26	17:45:48	00:00:26	00:01:51		
17:45 - 18:00	16	17:45:48	17:45:50	17:46:17	17:46:20	17:47:39	00:00:27	00:01:49	73	292
	17	17:49:38	17:49:40	17:50:07	17:50:10	17:51:26	00:00:27	00:01:46		
	18	17:53:21	17:53:23	17:53:50	17:53:53	17:55:13	00:00:27	00:01:50		
	19	17:55:13	17:55:15	17:55:40	17:55:43	17:57:05	00:00:25	00:01:50		
	20	17:58:58	17:59:00	17:59:26	17:59:29	18:00:50	00:00:26	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	33	132	00:01:35	00:00:26	0	0.00%	
08:15 - 08:30	29	116	00:01:35	00:00:22	0	0.00%	
08:30 - 08:45	33	132	00:01:38	00:00:19	0	0.00%	Average
08:45 - 09:00	36	144	00:01:35	00:00:24	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	82	328	00:01:35	00:00:27	0	0.00%	
17:15 - 17:30	60	240	00:01:41	00:00:26	0	0.00%	
17:30 - 17:45	54	216	00:01:51	00:00:26	0	0.00%	Average
17:45 - 18:00	73	292	00:01:49	00:00:26	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:23	0	0	0	0	0	0	0	0	0	0	06:04:26	0	0	0	0	0	0	0	0	0	0	06:05:18	00:01:19
0	0	0	0	0	0	0	0	0	06:10:10	0	0	0	0	0	0	0	0	0	0	06:10:13	0	0	0	0	0	0	0	0	0	0	06:11:25	00:01:33
0	0	0	0	0	0	0	0	0	06:19:24	0	0	0	0	0	0	0	0	0	0	06:19:27	0	0	0	0	0	0	0	0	0	0	06:20:11	00:01:01
0	0	0	0	0	0	0	0	0	06:25:05	0	0	0	0	0	0	0	0	0	0	06:25:08	0	0	0	0	0	0	0	0	0	0	06:25:52	00:01:01
0	0	0	0	0	0	0	0	0	06:29:36	0	0	0	0	0	0	0	0	0	0	06:29:39	0	0	0	0	0	0	0	0	0	0	06:30:52	00:01:39
0	0	0	0	0	0	0	0	0	06:35:58	0	0	1	0	0	0	0	0	0	1	06:36:01	0	0	0	0	0	0	0	0	0	0	06:37:07	00:01:36
0	0	0	0	0	0	0	0	0	06:42:37	0	0	0	0	0	0	0	0	0	0	06:42:40	0	0	0	0	0	0	0	0	0	0	06:43:19	00:01:04
0	0	0	0	0	0	0	0	0	06:48:14	1	0	0	0	0	0	0	0	0	1	06:48:17	0	0	0	0	0	0	0	0	0	0	06:48:54	00:00:55
0	0	0	0	0	0	0	0	0	06:55:10	0	0	0	0	0	0	0	0	0	0	06:55:13	0	0	0	0	0	0	0	0	0	0	06:56:17	00:01:39
0	0	0	0	0	0	0	0	0	06:59:25	0	0	0	0	0	0	0	0	0	0	06:59:28	0	0	0	0	0	0	0	0	0	0	07:00:05	00:00:56

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 48
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:20:31	0	0	0	0	0	0	0	0	0	0	06:20:33	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:21:43	0	0	0	0	0	0	0	0	0	0	06:21:45	1	0	0	1	0	2	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
3	06:24:14	0	0	0	0	0	0	0	0	0	0	06:24:16	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:41:02	0	0	0	0	0	0	0	0	0	0	06:41:04	0	0	1	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:44:01	0	0	0	0	0	0	0	0	0	0	06:44:03	4	0	0	0	0	1	0	0	3	8		0	0	0	0	0	0	0	0	0	0		0
6	06:45:43	0	0	0	0	0	0	0	0	0	0	06:45:45	0	0	4	1	0	0	0	0	1	6		0	0	0	0	0	0	0	0	0	0		0
7	06:47:20	0	0	0	0	0	0	0	0	0	0	06:47:22	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:48:18	0	0	0	0	0	0	0	0	0	0	06:48:20	2	0	1	0	0	1	0	1	0	5		0	0	0	0	0	0	0	0	0	0		0
9	06:53:38	0	0	0	0	0	0	0	0	0	0	06:53:40	0	0	1	0	0	1	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
10	06:58:25	0	0	0	0	0	0	0	0	0	0	06:58:27	0	0	0	0	0	1	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	08:00:55	08:00:57	08:01:37	08:01:40	08:02:33	00:00:40	00:01:36	51	204
	08:04:07	08:04:09	08:04:47	08:04:50	08:05:43	00:00:38	00:01:34		
	08:07:16	08:07:18	08:07:59	08:08:02	08:08:55	00:00:41	00:01:37		
	08:08:55	08:08:57	08:09:35	08:09:38	08:10:32	00:00:38	00:01:35		
	08:12:03	08:12:05	08:12:47	08:12:50	08:13:43	00:00:42	00:01:38		
08:15 - 08:30	08:15:15	08:15:17	08:16:05	08:16:08	08:16:54	00:00:48	00:01:37	68	272
	08:18:34	08:18:36	08:19:16	08:19:19	08:20:04	00:00:40	00:01:28		
	08:20:04	08:20:06	08:20:50	08:20:53	08:21:45	00:00:44	00:01:39		
	08:23:18	08:23:20	08:24:04	08:24:07	08:24:55	00:00:48	00:01:35		
	08:26:38	08:26:40	08:27:18	08:27:21	08:28:14	00:00:38	00:01:34		
08:30 - 08:45	08:32:59	08:33:01	08:33:45	08:33:48	08:34:35	00:00:44	00:01:34	59	236
	08:36:11	08:36:13	08:36:55	08:36:58	08:37:52	00:00:42	00:01:39		
	08:39:28	08:39:30	08:40:06	08:40:09	08:41:01	00:00:36	00:01:31		
	08:42:32	08:42:34	08:43:19	08:43:22	08:44:09	00:00:45	00:01:35		
	08:44:09	08:44:11	08:44:58	08:45:01	08:45:49	00:00:47	00:01:38		
08:45 - 09:00	08:47:24	08:47:26	08:48:12	08:48:15	08:49:04	00:00:46	00:01:38	53	212
	08:50:40	08:50:42	08:51:15	08:51:18	08:52:12	00:00:33	00:01:32		
	08:53:50	08:53:52	08:54:30	08:54:33	08:55:25	00:00:38	00:01:33		
	08:55:25	08:55:27	08:56:07	08:56:10	08:57:00	00:00:40	00:01:33		
	08:58:40	08:58:42	08:59:18	08:59:21	09:00:14	00:00:36	00:01:32		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	17:00:19	17:00:21	17:01:00	17:01:03	17:01:56	00:00:39	00:01:35	73	292
	17:03:32	17:03:34	17:04:12	17:04:15	17:05:08	00:00:38	00:01:34		
	17:05:08	17:05:10	17:05:51	17:05:54	17:06:47	00:00:41	00:01:37		
	17:10:01	17:10:03	17:10:40	17:10:43	17:11:36	00:00:37	00:01:33		
	17:13:12	17:13:14	17:13:52	17:13:55	17:14:44	00:00:38	00:01:30		
17:15 - 17:30	17:16:27	17:16:29	17:17:10	17:17:13	17:17:56	00:00:41	00:01:27	52	208
	17:19:42	17:19:44	17:20:19	17:20:22	17:21:15	00:00:35	00:01:31		
	17:22:51	17:22:53	17:23:31	17:23:34	17:24:27	00:00:38	00:01:34		
	17:25:56	17:25:58	17:26:40	17:26:43	17:27:36	00:00:42	00:01:38		
17:30 - 17:45	17:27:36	17:27:38	17:28:38	17:28:41	17:29:34	00:01:00	00:01:56	72	288
	17:31:26	17:31:28	17:32:22	17:32:25	17:33:17	00:00:54	00:01:49		
	17:35:09	17:35:11	17:36:04	17:36:07	17:37:00	00:00:53	00:01:49		
	17:38:46	17:38:48	17:39:48	17:39:51	17:40:44	00:01:00	00:01:56		
	17:40:44	17:40:46	17:41:40	17:41:43	17:42:36	00:00:54	00:01:50		
	17:42:36	17:42:38	17:43:33	17:43:36	17:44:29	00:00:55	00:01:51		
17:45 - 18:00	17:46:22	17:46:24	17:47:18	17:47:21	17:48:14	00:00:54	00:01:50	91	364
	17:50:12	17:50:14	17:51:04	17:51:07	17:52:00	00:00:50	00:01:46		
	17:52:00	17:52:02	17:52:59	17:53:02	17:53:55	00:00:57	00:01:53		
	17:55:47	17:55:49	17:56:43	17:56:46	17:57:39	00:00:54	00:01:50		
	17:57:39	17:57:41	17:58:35	17:58:38	17:59:31	00:00:54	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	51	204	00:01:36	00:00:40	0	0.00%	
08:15 - 08:30	68	272	00:01:35	00:00:43	0	0.00%	
08:30 - 08:45	59	236	00:01:35	00:00:43	0	0.00%	Average
08:45 - 09:00	53	212	00:01:33	00:00:39	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	73	292	00:01:34	00:00:39	0	0.00%	
17:15 - 17:30	52	208	00:01:37	00:00:43	0	0.00%	
17:30 - 17:45	72	288	00:01:51	00:00:55	0	0.00%	Average
17:45 - 18:00	91	364	00:01:50	00:00:54	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:21:00	0	0	0	0	0	0	0	0	0	0	06:21:03	0	0	0	0	0	0	0	0	0	0	06:21:43	00:01:10
0	0	0	0	0	0	0	0	0	06:22:27	0	0	0	0	0	0	0	0	0	0	06:22:30	0	0	0	0	0	0	0	0	0	0	06:23:12	00:01:27
0	0	0	0	0	0	0	0	0	06:24:43	0	0	0	0	0	0	0	0	0	0	06:24:46	0	0	0	0	0	0	0	0	0	0	06:25:11	00:00:55
0	0	0	0	0	0	0	0	0	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:09	0	0	0	0	0	0	0	0	0	0	06:42:41	00:01:07
0	0	0	0	0	0	0	0	0	06:44:47	0	0	0	0	0	0	0	0	0	0	06:44:50	0	0	0	0	0	0	0	0	0	0	06:45:44	00:01:41
0	0	0	0	0	0	0	0	0	06:46:39	0	0	0	0	0	0	0	0	0	0	06:46:42	0	0	0	0	0	0	0	0	0	0	06:47:20	00:01:35
0	0	0	0	0	0	0	0	0	06:47:51	0	0	0	0	0	0	0	0	0	0	06:47:54	0	0	0	0	0	0	0	0	0	0	06:48:18	00:00:56
0	0	0	0	0	0	0	0	0	06:48:47	0	0	0	0	0	0	0	0	0	0	06:48:50	0	0	0	0	0	0	0	0	0	0	06:49:16	00:00:56
0	0	0	0	0	0	0	0	0	06:54:13	0	0	0	0	0	0	0	0	0	0	06:54:16	0	0	0	0	0	0	0	0	0	0	06:55:15	00:01:35
0	0	0	0	0	0	0	0	0	06:59:00	0	0	0	0	0	0	0	0	0	0	06:59:03	0	0	0	0	0	0	0	0	0	0	06:59:38	00:01:03

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 48
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:20:31	0	0	0	0	0	0	0	0	0	0	06:20:33	2	0	0	0	0	0	0	0	2	2	06:20:41	2	0	5	1	0	0	0	0	0	9	06:20:56	0
2	06:21:43	0	0	0	0	0	0	0	0	0	0	06:21:45	6	1	0	0	0	0	1	0	0	9		0	0	0	0	0	0	0	0	0	0		0
3	06:24:14	0	0	0	0	0	0	0	0	0	0	06:24:16	1	0	0	1	0	2	0	1	0	7		0	0	0	0	0	0	0	0	0	0		0
4	06:41:02	0	0	0	0	0	0	0	0	0	0	06:41:04	6	0	2	0	0	0	0	3	0	9		0	0	0	0	0	0	0	0	0	0		0
5	06:44:01	0	0	0	0	0	0	0	0	0	0	06:44:03	4	0	3	1	0	1	0	1	1	14		0	0	0	0	0	0	0	0	0	0		0
6	06:45:43	0	0	0	0	0	0	0	0	0	0	06:45:45	7	1	5	1	0	0	0	2	1	16		0	0	0	0	0	0	0	0	0	0		0
7	06:47:20	0	0	0	0	0	0	0	0	0	0	06:47:22	2	0	0	0	1	1	0	1	0	7		0	0	0	0	0	0	0	0	0	0		0
8	06:48:18	0	0	0	0	0	0	0	0	0	0	06:48:20	7	0	2	0	0	0	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
9	06:53:38	0	0	0	0	0	0	0	0	0	0	06:53:40	7	0	4	0	0	1	0	2	1	14		0	0	0	0	0	0	0	0	0	0		0
10	06:58:25	0	0	0	0	0	0	0	0	0	0	06:58:27	5	2	1	0	0	2	0	2	1	13		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:55	08:00:57	08:01:37	08:01:40	08:02:33	00:00:40	00:01:36		
2	08:04:07	08:04:09	08:04:47	08:04:50	08:05:43	00:00:38	00:01:34		
3	08:07:16	08:07:18	08:07:59	08:08:02	08:08:55	00:00:41	00:01:37		
4	08:08:55	08:08:57	08:09:35	08:09:38	08:10:32	00:00:38	00:01:35		
5	08:12:03	08:12:05	08:12:47	08:12:50	08:13:43	00:00:42	00:01:38		
6	08:15:15	08:15:17	08:16:05	08:16:08	08:16:54	00:00:48	00:01:37		
7	08:18:34	08:18:36	08:19:16	08:19:19	08:20:04	00:00:40	00:01:28		
8	08:20:04	08:20:06	08:20:50	08:20:53	08:21:45	00:00:44	00:01:39	158	632
9	08:23:18	08:23:20	08:24:04	08:24:07	08:24:55	00:00:44	00:01:35		
10	08:26:38	08:26:40	08:27:18	08:27:21	08:28:14	00:00:38	00:01:34		
11	08:32:59	08:33:01	08:33:45	08:33:48	08:34:35	00:00:44	00:01:34		
12	08:36:11	08:36:13	08:36:55	08:36:58	08:37:52	00:00:42	00:01:39		
13	08:39:28	08:39:30	08:40:06	08:40:09	08:41:01	00:00:36	00:01:31	153	612
14	08:42:32	08:42:34	08:43:19	08:43:22	08:44:09	00:00:45	00:01:35		
15	08:44:09	08:44:11	08:44:58	08:45:01	08:45:49	00:00:47	00:01:38		
16	08:47:24	08:47:26	08:48:12	08:48:15	08:49:04	00:00:46	00:01:38		
17	08:50:40	08:50:42	08:51:15	08:51:18	08:52:12	00:00:33	00:01:30		
18	08:53:56	08:53:52	08:54:30	08:54:33	08:55:25	00:00:38	00:01:33		
19	08:55:25	08:55:27	08:56:07	08:56:10	08:57:00	00:00:40	00:01:33		
20	08:58:40	08:58:42	08:59:18	08:59:21	09:00:14	00:00:36	00:01:32		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:00:19	17:00:21	17:01:00	17:01:03	17:01:56	00:00:39	00:01:35		
2	17:03:32	17:03:34	17:04:12	17:04:15	17:05:08	00:00:38	00:01:34		
3	17:05:08	17:05:10	17:05:51	17:05:54	17:06:47	00:00:41	00:01:37		
4	17:10:01	17:10:03	17:10:40	17:10:43	17:11:36	00:00:37	00:01:33		
5	17:13:12	17:13:14	17:13:52	17:13:55	17:14:44	00:00:38	00:01:30		
6	17:16:27	17:16:29	17:17:10	17:17:13	17:17:56	00:00:41	00:01:27		
7	17:19:42	17:19:44	17:20:19	17:20:22	17:21:15	00:00:35	00:01:31		
8	17:22:51	17:22:53	17:23:31	17:23:34	17:24:27	00:00:38	00:01:34	129	516
9	17:25:56	17:25:58	17:26:40	17:26:43	17:27:36	00:00:42	00:01:38		
10	17:27:36	17:27:38	17:28:38	17:28:41	17:29:34	00:01:00	00:01:56		
11	17:31:26	17:31:28	17:32:22	17:32:25	17:33:17	00:00:54	00:01:49		
12	17:35:09	17:35:11	17:36:04	17:36:07	17:37:00	00:00:53	00:01:49		
13	17:38:46	17:38:48	17:39:48	17:39:51	17:40:44	00:01:00	00:01:56		
14	17:40:44	17:40:46	17:41:40	17:41:43	17:42:36	00:00:54	00:01:50		
15	17:42:36	17:42:38	17:43:33	17:43:36	17:44:29	00:00:55	00:01:51		
16	17:46:22	17:46:24	17:47:18	17:47:21	17:48:14	00:00:54	00:01:50		
17	17:50:12	17:50:14	17:51:04	17:51:07	17:52:00	00:00:50	00:01:46		
18	17:52:00	17:52:02	17:52:59	17:53:02	17:53:55	00:00:57	00:01:53		
19	17:55:47	17:55:49	17:56:43	17:56:46	17:57:39	00:00:54	00:01:50		
20	17:57:39	17:57:41	17:58:35	17:58:38	17:59:31	00:00:54	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
9	00:00:15	2040	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	2040

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	155	620	00:01:36	00:00:40	2040	73.31%	
08:15 - 08:30	158	632	00:01:35	00:00:43	2040	68.48%	
08:30 - 08:45	153	612	00:01:35	00:00:43	2040	66.87%	Average
08:45 - 09:00	140	560	00:01:33	00:00:39	2040	66.38%	68.73%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	123	492	00:01:34	00:00:39	2040	58.61%	
17:15 - 17:30	129	516	00:01:37	00:00:43	2040	56.91%	
17:30 - 17:45	147	588	00:01:51	00:00:55	2040	57.96%	Average
17:45 - 18:00	145	580	00:01:50	00:00:54	2040	58.03%	57.88%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:21:00	1	0	0	0	0	0	0	0	0	1	06:21:03	0	0	0	0	0	0	0	0	0	06:21:43	00:01:10
0	0	0	0	0	0	0	0	0	06:22:27	0	0	1	1	0	0	0	0	0	3	06:22:30	0	0	0	0	0	0	0	0	0	06:23:12	00:01:27
0	0	0	0	0	0	0	0	0	06:24:43	0	0	0	0	0	0	0	0	0	0	06:24:46	0	0	0	0	0	0	0	0	0	06:25:11	00:00:55
0	0	0	0	0	0	0	0	0	06:42:06	0	0	1	0	0	0	0	0	0	1	06:42:09	0	0	0	0	0	0	0	0	0	06:42:41	00:01:07
0	0	0	0	1	0	0	0	2	06:45:03	0	0	0	0	0	0	0	0	0	0	06:45:06	0	0	0	0	0	0	0	0	0	06:45:44	00:01:41
0	0	0	0	0	0	0	0	0	06:46:39	0	0	0	0	0	0	0	0	0	0	06:46:42	0	0	0	0	0	0	0	0	0	06:47:20	00:01:35
0	0	0	0	0	0	0	0	0	06:47:51	0	0	0	0	0	0	0	0	0	0	06:47:54	0	0	0	0	0	0	0	0	0	06:48:18	00:00:56
0	0	0	0	0	0	0	0	0	06:48:47	0	0	0	0	0	0	0	0	0	0	06:48:50	0	0	0	0	0	0	0	0	0	06:49:16	00:00:56
0	0	0	0	0	0	0	0	0	06:54:29	0	0	0	0	0	0	0	0	1	0	06:54:32	0	0	0	0	0	0	0	0	0	06:55:15	00:01:35
0	0	0	0	0	0	0	0	0	06:59:00	1	0	0	0	0	0	0	0	0	1	06:59:03	0	0	0	0	0	0	0	0	0	06:59:30	00:01:03

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 48
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:20:31	0	0	0	0	0	0	0	0	0	0	06:20:33	3	1	3	0	0	0	0	2	0	8		0	0	0	0	0	0	0	0	0	0		0
2	06:21:43	0	0	0	0	0	0	0	0	0	0	06:21:45	1	0	0	0	0	1	0	0	0	3	06:21:51	4	0	3	0	0	0	0	0	0	7	06:22:05	0
3	06:24:14	0	0	0	0	0	0	0	0	0	0	06:24:16	1	1	0	0	0	0	0	0	0	2	06:24:21	5	0	1	0	0	0	0	0	0	6	06:24:34	0
4	06:41:32	0	0	0	0	0	0	0	0	0	0	06:41:34	2	0	0	0	0	0	0	0	0	2	06:41:40	4	0	4	0	0	0	0	1	0	9	06:41:58	0
5	06:44:01	0	0	0	0	0	0	0	0	0	0	06:44:03	4	0	1	1	0	0	0	0	0	7	06:44:26	6	0	3	1	0	0	0	1	0	11	06:44:48	0
6	06:45:43	0	0	0	0	0	0	0	0	0	0	06:45:45	1	0	0	0	0	1	0	0	0	3	06:45:58	11	0	5	1	0	0	0	2	0	18	06:46:37	0
7	06:47:20	0	0	0	0	0	0	0	0	0	0	06:47:22	1	0	0	1	0	0	0	0	0	3	06:47:28	3	0	3	0	0	1	0	0	0	8	06:47:44	0
8	06:48:18	0	0	0	0	0	0	0	0	0	0	06:48:20	2	0	0	0	0	0	0	0	0	2	06:48:25	4	0	3	0	0	0	0	0	0	7	06:48:39	0
9	06:53:38	0	0	0	0	0	0	0	0	0	0	06:53:40	1	0	0	0	1	0	0	1	0	4	06:53:48	4	2	5	0	0	0	0	0	0	11	06:54:11	1
10	06:58:25	0	0	0	0	0	0	0	0	0	0	06:58:27	1	0	1	0	0	0	0	0	0	2	06:58:33	5	0	1	0	0	0	0	1	0	6	06:58:45	2

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:55	08:00:57	08:01:37	08:01:40	08:02:33	00:00:40	00:01:36	168	672
	2	08:04:07	08:04:09	08:04:47	08:04:50	08:05:43	00:00:38	00:01:34		
	3	08:07:16	08:07:18	08:07:59	08:08:02	08:08:55	00:00:41	00:01:37		
	4	08:08:55	08:08:57	08:09:35	08:09:38	08:10:32	00:00:38	00:01:35		
	5	08:12:03	08:12:05	08:12:47	08:12:50	08:13:43	00:00:42	00:01:38		
08:15 - 08:30	6	08:15:15	08:15:17	08:16:05	08:16:08	08:16:54	00:00:48	00:01:37	201	804
	7	08:18:34	08:18:36	08:19:16	08:19:19	08:20:04	00:00:40	00:01:28		
	8	08:20:04	08:20:06	08:20:50	08:20:53	08:21:45	00:00:44	00:01:39		
	9	08:23:18	08:23:20	08:24:04	08:24:07	08:24:55	00:00:44	00:01:35		
	10	08:26:38	08:26:40	08:27:18	08:27:21	08:28:14	00:00:38	00:01:34		
08:30 - 08:45	11	08:32:59	08:33:01	08:33:45	08:33:48	08:34:35	00:00:44	00:01:34	181	724
	12	08:36:11	08:36:13	08:36:55	08:36:58	08:37:52	00:00:42	00:01:39		
	13	08:39:28	08:39:30	08:40:06	08:40:09	08:41:01	00:00:36	00:01:31		
	14	08:42:32	08:42:34	08:43:19	08:43:22	08:44:09	00:00:45	00:01:35		
	15	08:44:09	08:44:11	08:44:58	08:45:01	08:45:49	00:00:47	00:01:38		
08:45 - 09:00	16	08:47:24	08:47:26	08:48:12	08:48:15	08:49:04	00:00:46	00:01:38	177	708
	17	08:50:40	08:50:42	08:51:15	08:51:18	08:52:12	00:00:33	00:01:30		
	18	08:53:50	08:53:52	08:54:30	08:54:33	08:55:25	00:00:38	00:01:33		
	19	08:55:25	08:55:27	08:56:07	08:56:10	08:57:00	00:00:40	00:01:33		
	20	08:58:40	08:58:42	08:59:18	08:59:21	09:00:14	00:00:36	00:01:32		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:19	17:00:21	17:01:00	17:01:03	17:01:56	00:00:39	00:01:35	182	728
	2	17:03:32	17:03:34	17:04:12	17:04:15	17:05:08	00:00:38	00:01:34		
	3	17:05:08	17:05:10	17:05:51	17:05:54	17:06:47	00:00:41	00:01:37		
	4	17:10:01	17:10:03	17:10:40	17:10:43	17:11:36	00:00:37	00:01:33		
	5	17:13:12	17:13:14	17:13:52	17:13:55	17:14:44	00:00:38	00:01:30		
17:15 - 17:30	6	17:16:27	17:16:29	17:17:10	17:17:13	17:17:56	00:00:41	00:01:27	175	700
	7	17:19:42	17:19:44	17:20:19	17:20:22	17:21:15	00:00:35	00:01:31		
	8	17:22:51	17:22:53	17:23:31	17:23:34	17:24:27	00:00:38	00:01:34		
	9	17:25:56	17:25:58	17:26:40	17:26:43	17:27:36	00:00:42	00:01:38		
	10	17:27:36	17:27:38	17:28:38	17:28:41	17:29:34	00:01:00	00:01:56		
17:30 - 17:45	11	17:31:26	17:31:28	17:32:22	17:32:25	17:33:17	00:00:54	00:01:49	203	812
	12	17:35:09	17:35:11	17:36:04	17:36:07	17:37:00	00:00:53	00:01:49		
	13	17:38:46	17:38:48	17:39:48	17:39:51	17:40:44	00:01:00	00:01:56		
	14	17:40:44	17:40:46	17:41:40	17:41:43	17:42:36	00:00:54	00:01:50		
	15	17:42:36	17:42:38	17:43:33	17:43:36	17:44:29	00:00:55	00:01:51		
17:45 - 18:00	16	17:46:22	17:46:24	17:47:18	17:47:21	17:48:14	00:00:54	00:01:50	182	728
	17	17:50:12	17:50:14	17:51:04	17:51:07	17:52:00	00:00:50	00:01:46		
	18	17:52:00	17:52:02	17:52:59	17:53:02	17:53:55	00:00:57	00:01:53		
	19	17:55:47	17:55:49	17:56:43	17:56:46	17:57:39	00:00:54	00:01:50		
	20	17:57:39	17:57:41	17:58:35	17:58:38	17:59:31	00:00:54	00:01:50		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
7	00:00:14	1800	
6	00:00:13	1662	
9	00:00:18	1760	
11	00:00:22	1784	
18	00:00:39	1689	
8	00:00:16	1800	
7	00:00:14	1800	
11	00:00:23	1722	Average
5	00:00:12	1920	1771

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	168	672	00:01:36	00:00:40	1771	91.54%	
08:15 - 08:30	201	804	00:01:35	00:00:43	1771	100.39%	
08:30 - 08:45	181	724	00:01:35	00:00:43	1771	91.14%	Average
08:45 - 09:00	177	708	00:01:33	00:00:39	1771	96.54%	94.90%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	182	728	00:01:34	00:00:39	1771	99.91%	
17:15 - 17:30	175	700	00:01:37	00:00:43	1771	88.95%	
17:30 - 17:45	203	812	00:01:51	00:00:55	1771	92.21%	Average
17:45 - 18:00	182	728	00:01:50	00:00:54	1771	91.91%	91.25%

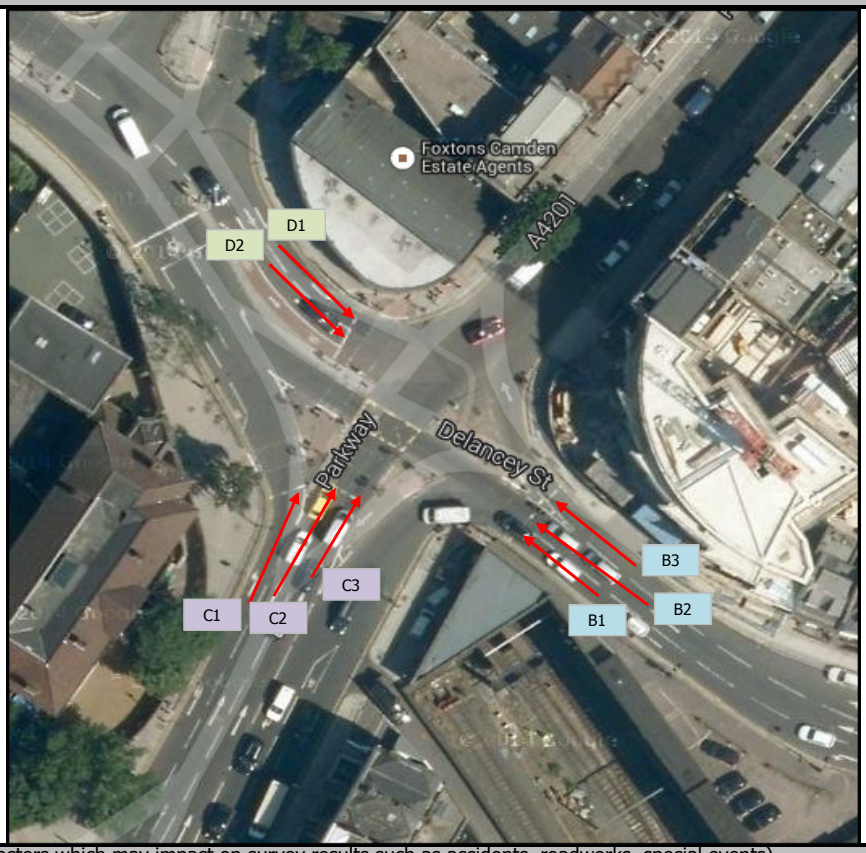
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:21:00	1	0	0	0	0	0	0	0	0	1	06:21:03	0	0	0	0	0	0	0	0	0	06:21:43	00:01:10
0	0	0	0	0	0	0	0	0	06:22:27	1	0	0	0	0	0	0	0	0	1	06:22:30	0	0	0	0	0	0	0	0	0	06:23:12	00:01:27
0	0	0	0	0	0	0	0	0	06:24:43	0	0	0	0	0	0	0	0	0	0	06:24:46	0	0	0	0	0	0	0	0	0	06:25:11	00:00:55
0	0	0	0	0	0	0	0	0	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:09	0	0	0	0	0	0	0	0	0	06:42:41	00:01:07
0	0	0	0	0	0	0	0	0	06:45:03	0	0	0	0	0	0	0	0	0	0	06:45:06	0	0	0	0	0	0	0	0	0	06:45:44	00:01:41
0	0	0	0	0	0	0	0	0	06:46:39	2	0	0	0	0	0	0	0	0	2	06:46:42	0	0	0	0	0	0	0	0	0	06:47:20	00:01:35
0	0	0	0	0	0	0	0	0	06:47:51	0	0	0	0	0	0	0	1	0	2	06:47:54	0	0	0	0	0	0	0	0	0	06:48:18	00:00:56
0	0	0	0	0	0	0	0	0	06:48:47	0	0	0	0	0	0	0	0	0	0	06:48:50	0	0	0	0	0	0	0	0	0	06:49:16	00:00:56
0	2	0	0	0	0	0	0	3	06:54:29	0	0	0	0	0	0	0	0	0	0	06:54:32	0	0	0	0	0	0	0	0	0	06:55:15	00:01:35
1	2	0	0	0	0	0	0	5	06:59:00	1	0	0	0	0	0	0	0	0	1	06:59:03	0	0	1	0	0	0	0	0	1	06:59:38	00:01:03

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 49
Date of Survey: 10.06.2014
Junction Name: Parkway / Delancey Street / Regents Park Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.536751	-0.146315	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Lane B1 has no amber time at the start of each cycle. The signal here is a left turn arrow.

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1081
Site Number: Site 49
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1		0	0	0	0	0	0	0	0	0	0	06:00:45	2	2	0	1	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
2		0	0	0	0	0	0	0	0	0	0	06:11:25	2	0	1	1	0	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0		0
3		0	0	0	0	0	0	0	0	0	0	06:18:50	4	1	1	0	0	0	0	0	1	6		0	0	0	0	0	0	0	0	0	0		0
4		0	0	0	0	0	0	0	0	0	0	06:23:08	1	0	1	1	0	0	0	0	0	2	06:23:16	4	0	2	0	0	0	0	0	0	6	06:23:29	0
5		0	0	0	0	0	0	0	0	0	0	06:29:35	2	0	1	1	0	0	1	0	1	7		0	0	0	0	0	0	0	0	0	0		0
6		0	0	0	0	0	0	0	0	0	0	06:33:52	2	0	0	0	0	0	0	0	0	2	06:34:00	5	0	4	0	0	0	0	0	0	9	06:34:18	0
7		0	0	0	0	0	0	0	0	0	0	06:41:23	2	0	0	0	0	0	0	0	0	2	06:41:31	8	0	1	0	0	0	0	0	0	9	06:41:50	0
8		0	0	0	0	0	0	0	0	0	0	06:45:41	0	0	2	0	0	0	0	0	0	2	06:45:52	6	0	0	0	0	0	0	0	1	6	06:46:04	0
9		0	0	0	0	0	0	0	0	0	0	06:51:02	3	0	3	0	0	0	0	0	4	7		0	0	0	0	0	0	0	0	0	0		0
10		0	0	0	0	0	0	0	0	0	0	06:55:18	2	0	0	0	0	0	0	0	0	2	06:55:24	8	0	1	0	0	0	0	0	2	9	06:55:45	0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1		08:00:14	08:00:48	08:00:51	08:01:54	00:00:34	00:01:40		
2		08:05:13	08:05:49	08:05:52	08:06:45	00:00:36	00:01:32		
3		08:07:46	08:08:22	08:08:25	08:09:09	00:00:36	00:01:23	164	656
4		08:11:21	08:11:57	08:12:00	08:12:45	00:00:36	00:01:24		
5		08:13:46	08:14:21	08:14:24	08:15:10	00:00:35	00:01:24		
6		08:16:12	08:16:45	08:16:48	08:17:33	00:00:33	00:01:21		
7		08:18:33	08:19:09	08:19:12	08:19:57	00:00:36	00:01:24		
8		08:24:33	08:25:09	08:25:12	08:25:57	00:00:36	00:01:24	163	652
9		08:26:57	08:27:33	08:27:36	08:28:21	00:00:36	00:01:24		
10		08:28:09	08:28:45	08:28:48	08:29:33	00:00:36	00:01:24		
11		08:33:05	08:33:49	08:33:52	08:34:43	00:00:44	00:01:38		
12		08:37:21	08:38:10	08:38:13	08:39:04	00:00:49	00:01:43	170	680
13		08:38:48	08:39:38	08:39:41	08:40:32	00:00:50	00:01:44		
14		08:41:45	08:42:34	08:42:37	08:43:28	00:00:49	00:01:43		
15		08:43:10	08:44:02	08:44:05	08:44:56	00:00:52	00:01:46		
16		08:46:06	08:46:58	08:47:01	08:47:52	00:00:52	00:01:46		
17		08:49:03	08:49:54	08:49:57	08:50:48	00:00:51	00:01:45		
18		08:51:59	08:52:50	08:52:53	08:53:45	00:00:51	00:01:46	159	636
19		08:56:23	08:57:14	08:57:17	08:58:08	00:00:51	00:01:45		
20		08:57:51	08:58:42	08:58:45	08:59:36	00:00:51	00:01:45		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1		17:01:35	17:02:10	17:02:13	17:02:58	00:00:35	00:01:23		
2		17:03:58	17:04:35	17:04:38	17:05:23	00:00:37	00:01:25		
3		17:07:41	17:08:23	17:08:26	17:09:14	00:00:42	00:01:33	102	408
4		17:11:41	17:12:23	17:12:26	17:13:13	00:00:42	00:01:32		
5		17:12:59	17:13:43	17:13:46	17:14:33	00:00:44	00:01:34		
6		17:15:41	17:16:23	17:16:26	17:17:13	00:00:42	00:01:32		
7		17:18:21	17:19:03	17:19:06	17:19:57	00:00:42	00:01:36		
8		17:21:10	17:22:00	17:22:03	17:22:53	00:00:50	00:01:43	98	392
9		17:24:02	17:24:54	17:24:57	17:25:47	00:00:52	00:01:45		
10		17:26:58	17:27:50	17:27:53	17:28:43	00:00:52	00:01:45		
11		17:29:51	17:30:43	17:30:46	17:31:36	00:00:52	00:01:45		
12		17:34:20	17:35:07	17:35:10	17:36:00	00:00:47	00:01:40		
13		17:38:43	17:39:31	17:39:34	17:40:25	00:00:48	00:01:42	111	444
14		17:40:12	17:40:59	17:41:02	17:41:52	00:00:47	00:01:40		
15		17:41:40	17:42:27	17:42:30	17:43:24	00:00:47	00:01:44		
16		17:46:03	17:46:51	17:46:54	17:47:45	00:00:48	00:01:42		
17		17:49:00	17:49:47	17:49:50	17:50:41	00:00:47	00:01:41		
18		17:51:56	17:52:43	17:52:46	17:53:40	00:00:47	00:01:44	128	512
19		17:54:52	17:55:39	17:55:42	17:56:36	00:00:47	00:01:44		
20		17:57:49	17:58:34	17:58:37	17:59:27	00:00:45	00:01:38		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
6	00:00:13	1662	
0	00:00:00	0	
9	00:00:18	1800	
9	00:00:19	1705	
5	00:00:12	1860	
0	00:00:00	0	Average
9	00:00:21	1611	1728

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	164	656	00:01:29	00:00:35	1728	95.03%	
08:15 - 08:30	163	652	00:01:23	00:00:35	1728	88.91%	
08:30 - 08:45	170	680	00:01:43	00:00:49	1728	82.91%	Average
08:45 - 09:00	159	636	00:01:45	00:00:51	1728	75.78%	85.66%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	102	408	00:01:29	00:00:40	1728	52.78%	
17:15 - 17:30	98	392	00:01:40	00:00:48	1728	47.76%	
17:30 - 17:45	111	444	00:01:42	00:00:48	1728	54.49%	Average
17:45 - 18:00	128	512	00:01:42	00:00:47	1728	64.46%	54.88%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:13	0	0	0	0	0	0	0	0	0	0	06:01:16	0	0	0	0	0	0	0	0	0	0	06:01:49	00:01:04
0	0	0	0	0	0	0	0	0	06:11:53	0	0	0	0	0	0	0	0	0	0	06:11:56	0	0	0	0	0	0	0	0	0	0	06:12:29	00:01:04
0	0	0	0	0	0	0	0	0	06:19:20	0	0	0	0	0	0	0	0	0	0	06:19:23	1	0	0	0	0	0	0	0	0	1	06:19:56	00:01:06
0	0	0	0	0	0	0	0	0	06:23:36	0	0	0	0	0	0	0	0	0	0	06:23:39	0	0	0	0	0	0	0	0	0	0	06:24:12	00:01:04
0	0	0	0	0	0	0	0	0	06:30:01	0	0	0	0	0	0	0	0	0	0	06:30:04	0	0	0	0	0	0	0	0	0	0	06:30:39	00:01:04
0	0	0	0	0	0	0	0	0	06:34:20	0	0	0	0	0	0	0	0	0	0	06:34:23	0	0	0	0	0	0	0	0	0	0	06:34:56	00:01:04
0	0	0	0	0	0	0	0	0	06:41:51	0	0	0	0	0	0	0	0	0	0	06:41:54	0	0	0	0	0	0	0	0	0	0	06:42:27	00:01:04
0	0	0	0	0	0	0	0	0	06:46:08	0	0	0	0	0	0	0	0	0	0	06:46:11	0	0	0	0	0	0	0	0	3	1	06:46:46	00:01:05
0	0	0	0	0	0	0	0	0	06:51:30	1	0	0	0	0	0	0	0	0	1	06:51:33	0	0	0	0	0	0	0	0	0	0	06:52:06	00:01:04
0	0	0	0	0	0	0	0	0	06:55:46	0	0	0	0	0	0	0	0	0	0	06:55:49	0	0	0	0	0	0	0	0	1	0	06:56:22	00:01:04

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 49
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:05	0	0	0	0	0	0	0	0	0	0	06:03:07	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:05:13	0	0	0	0	0	0	0	0	0	0	06:05:15	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:11:37	0	0	0	0	0	0	0	0	0	0	06:11:39	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:19:05	0	0	0	0	0	0	0	0	0	0	06:19:07	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
5	06:22:17	0	0	0	0	0	0	0	0	0	0	06:22:19	3	1	0	0	0	0	1	0	0	6		0	0	0	0	0	0	0	0	0	0		0
6	06:30:54	0	0	0	0	0	0	0	0	0	0	06:30:56	0	1	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:40:33	0	0	0	0	0	0	0	0	0	0	06:40:35	1	0	0	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:46:59	0	0	0	0	0	0	0	0	0	0	06:47:01	0	1	0	0	0	0	1	0	0	3		0	0	0	0	0	0	0	0	0	0		0
9	06:51:16	0	0	0	0	0	0	0	0	0	0	06:51:18	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:55:31	0	0	0	0	0	0	0	0	0	0	06:55:33	2	0	0	0	0	1	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:34	08:00:36	08:00:48	08:00:51	08:01:54	00:00:12	00:01:18	82	328
	2	08:05:32	08:05:34	08:05:49	08:05:52	08:06:45	00:00:15	00:01:11		
	3	08:07:57	08:07:59	08:08:22	08:08:25	08:09:09	00:00:23	00:01:10		
	4	08:11:33	08:11:35	08:11:57	08:12:00	08:12:45	00:00:22	00:01:00		
	5	08:13:57	08:13:59	08:14:21	08:14:24	08:15:10	00:00:22	00:01:11		
08:15 - 08:30	6	08:16:21	08:16:23	08:16:45	08:16:48	08:17:33	00:00:22	00:01:09	80	320
	7	08:18:45	08:18:47	08:19:09	08:19:12	08:19:57	00:00:22	00:01:10		
	8	08:24:45	08:24:47	08:25:09	08:25:12	08:25:57	00:00:22	00:01:10		
	9	08:27:09	08:27:11	08:27:33	08:27:36	08:28:21	00:00:22	00:01:10		
	10	08:28:21	08:28:23	08:28:45	08:28:48	08:29:33	00:00:22	00:01:10		
08:30 - 08:45	11	08:33:19	08:33:21	08:33:49	08:33:52	08:34:43	00:00:28	00:01:22	75	300
	12	08:37:36	08:37:38	08:38:10	08:38:13	08:39:04	00:00:32	00:01:26		
	13	08:39:04	08:39:06	08:39:38	08:39:41	08:40:32	00:00:32	00:01:26		
	14	08:42:00	08:42:02	08:42:34	08:42:37	08:43:28	00:00:32	00:01:26		
	15	08:43:28	08:43:30	08:44:02	08:44:05	08:44:56	00:00:32	00:01:26		
08:45 - 09:00	16	08:46:24	08:46:26	08:46:58	08:47:01	08:47:52	00:00:32	00:01:26	99	396
	17	08:49:20	08:49:22	08:49:54	08:49:57	08:50:48	00:00:32	00:01:26		
	18	08:52:17	08:52:19	08:52:50	08:52:53	08:53:45	00:00:31	00:01:26		
	19	08:56:40	08:56:42	08:57:14	08:57:17	08:58:08	00:00:32	00:01:26		
	20	08:58:08	08:58:10	08:58:42	08:58:45	08:59:36	00:00:32	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:46	17:01:48	17:02:10	17:02:13	17:02:58	00:00:22	00:01:10	85	340
	2	17:04:10	17:04:12	17:04:35	17:04:38	17:05:23	00:00:23	00:01:11		
	3	17:07:54	17:07:56	17:08:23	17:08:26	17:09:14	00:00:27	00:01:18		
	4	17:11:53	17:11:55	17:12:23	17:12:26	17:13:13	00:00:28	00:01:18		
	5	17:14:13	17:14:15	17:14:43	17:14:46	17:15:33	00:00:28	00:01:18		
17:15 - 17:30	6	17:15:53	17:15:55	17:16:23	17:16:26	17:17:13	00:00:28	00:01:18	102	408
	7	17:18:33	17:18:35	17:19:03	17:19:06	17:19:57	00:00:28	00:01:22		
	8	17:21:25	17:21:27	17:22:00	17:22:03	17:22:53	00:00:33	00:01:26		
	9	17:24:18	17:24:21	17:24:54	17:24:57	17:25:47	00:00:33	00:01:26		
	10	17:27:15	17:27:17	17:27:50	17:27:53	17:28:43	00:00:33	00:01:26		
17:30 - 17:45	11	17:30:08	17:30:10	17:30:43	17:30:46	17:31:36	00:00:33	00:01:26	90	360
	12	17:34:32	17:34:34	17:35:07	17:35:10	17:36:00	00:00:33	00:01:26		
	13	17:38:57	17:38:59	17:39:31	17:39:34	17:40:25	00:00:32	00:01:26		
	14	17:40:24	17:40:26	17:40:59	17:41:02	17:41:52	00:00:33	00:01:26		
	15	17:41:52	17:41:54	17:42:27	17:42:30	17:43:24	00:00:33	00:01:30		
17:45 - 18:00	16	17:46:17	17:46:19	17:46:51	17:46:54	17:47:45	00:00:32	00:01:26	110	440
	17	17:49:13	17:49:15	17:49:47	17:49:50	17:50:41	00:00:32	00:01:26		
	18	17:52:08	17:52:10	17:52:43	17:52:46	17:53:40	00:00:33	00:01:30		
	19	17:55:04	17:55:06	17:55:39	17:55:42	17:56:36	00:00:33	00:01:30		
	20	17:58:00	17:58:02	17:58:34	17:58:37	17:59:27	00:00:32	00:01:25		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	82	328	00:01:12	00:00:19	0	0.00%	
08:15 - 08:30	80	320	00:01:10	00:00:22	0	0.00%	
08:30 - 08:45	75	300	00:01:25	00:00:31	0	0.00%	Average
08:45 - 09:00	99	396	00:01:26	00:00:32	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	85	340	00:01:15	00:00:26	0	0.00%	
17:15 - 17:30	102	408	00:01:24	00:00:31	0	0.00%	
17:30 - 17:45	90	360	00:01:27	00:00:33	0	0.00%	Average
17:45 - 18:00	110	440	00:01:27	00:00:32	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:03:21	0	0	0	0	0	0	0	0	0	0	06:03:24	0	0	0	0	0	0	0	0	0	0	06:04:09	00:01:02
0	0	0	0	0	0	0	0	0	06:05:29	0	0	0	0	0	0	0	0	0	0	06:05:32	0	0	0	0	0	0	0	0	0	0	06:06:17	00:01:02
0	0	0	0	0	0	0	0	0	06:11:53	0	0	0	0	0	0	0	0	0	0	06:11:56	0	0	0	0	0	0	0	0	0	0	06:12:41	00:01:02
0	0	0	0	0	0	0	0	0	06:19:20	0	0	0	0	0	0	0	0	0	0	06:19:23	0	0	0	0	0	0	0	0	0	0	06:20:10	00:01:03
0	0	0	0	0	0	0	0	0	06:22:32	0	0	0	0	0	0	0	0	0	0	06:22:35	0	0	0	0	0	0	0	0	0	0	06:23:22	00:01:03
0	0	0	0	0	0	0	0	0	06:31:08	0	0	0	0	0	0	0	0	0	0	06:31:11	0	0	0	0	0	0	0	0	0	0	06:31:58	00:01:02
0	0	0	0	0	0	0	0	0	06:40:47	0	0	0	0	0	0	0	0	0	0	06:40:50	0	0	0	0	0	0	0	0	0	0	06:41:37	00:01:02
0	0	0	0	0	0	0	0	0	06:47:13	0	0	0	0	0	0	0	0	0	0	06:47:16	0	0	0	0	0	0	0	0	0	0	06:48:03	00:01:02
0	0	0	0	0	0	0	0	0	06:51:30	0	0	0	0	0	0	0	0	0	0	06:51:33	0	0	0	0	0	0	0	0	0	0	06:52:20	00:01:02
0	0	0	0	0	0	0	0	0	06:55:46	0	0	1	0	0	0	0	0	0	1	06:55:49	0	0	0	0	0	0	0	0	0	0	06:56:35	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 49
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:02:22	0	0	0	0	0	0	0	0	0	0	06:02:24	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:16:15	0	0	0	0	0	0	0	0	0	0	06:16:17	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:22:37	0	0	0	0	0	0	0	0	0	0	06:22:39	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:27:59	0	0	0	0	0	0	0	0	0	0	06:28:00	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:31:13	0	0	0	0	0	0	0	0	0	0	06:31:15	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:34:25	0	0	0	0	0	0	0	0	0	0	06:34:27	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:35:29	0	0	0	0	0	0	0	0	0	0	06:35:31	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:40:52	0	0	0	0	0	0	0	0	0	0	06:40:54	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:45:08	0	0	0	0	0	0	0	0	0	0	06:45:10	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:52:39	0	0	0	0	0	0	0	0	0	0	06:52:41	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:18	08:02:20	08:02:47	08:02:50	08:03:30	00:00:27	00:01:10	23	92
	2	08:04:42	08:04:44	08:05:09	08:05:12	08:05:54	00:00:25	00:01:10		
	3	08:08:27	08:08:29	08:08:54	08:08:57	08:09:39	00:00:25	00:01:10		
	4	08:12:02	08:12:04	08:12:30	08:12:33	08:13:15	00:00:26	00:01:11		
	5	08:14:27	08:14:29	08:14:56	08:14:57	08:15:39	00:00:28	00:01:10		
08:15 - 08:30	6	08:16:51	08:16:53	08:17:19	08:17:22	08:18:04	00:00:26	00:01:11	25	100
	7	08:20:27	08:20:29	08:20:55	08:20:58	08:21:39	00:00:26	00:01:10		
	8	08:23:51	08:23:53	08:24:18	08:24:21	08:25:04	00:00:25	00:01:11		
	9	08:25:15	08:25:17	08:25:42	08:25:45	08:26:27	00:00:25	00:01:10		
	10	08:27:39	08:27:41	08:28:05	08:28:08	08:28:51	00:00:24	00:01:10		
08:30 - 08:45	11	08:31:15	08:31:17	08:31:41	08:31:44	08:32:35	00:00:24	00:01:18	45	180
	12	08:33:55	08:33:57	08:34:22	08:34:25	08:35:23	00:00:25	00:01:26		
	13	08:36:51	08:36:53	08:37:18	08:37:21	08:38:17	00:00:25	00:01:24		
	14	08:41:11	08:41:13	08:41:39	08:41:42	08:42:40	00:00:26	00:01:27		
	15	08:44:07	08:44:09	08:44:34	08:44:37	08:45:36	00:00:25	00:01:27		
08:45 - 09:00	16	08:45:36	08:45:38	08:46:03	08:46:06	08:47:04	00:00:25	00:01:26	36	144
	17	08:48:31	08:48:33	08:48:58	08:49:01	08:50:00	00:00:25	00:01:27		
	18	08:52:57	08:52:59	08:53:24	08:53:27	08:54:25	00:00:25	00:01:26		
	19	08:55:52	08:55:54	08:56:18	08:56:21	08:57:20	00:00:24	00:01:26		
	20	08:58:48	08:58:50	08:59:15	08:59:18	09:00:16	00:00:25	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:04	17:01:06	17:01:31	17:01:34	17:02:16	00:00:25	00:01:10	62	248
	2	17:03:27	17:03:29	17:03:54	17:03:57	17:04:39	00:00:25	00:01:10		
	3	17:07:08	17:07:10	17:07:37	17:07:40	17:08:28	00:00:27	00:01:18		
	4	17:09:49	17:09:51	17:10:17	17:10:20	17:11:09	00:00:26	00:01:18		
	5	17:12:29	17:12:31	17:12:55	17:12:58	17:13:49	00:00:24	00:01:18		
17:15 - 17:30	6	17:16:28	17:16:30	17:16:57	17:17:00	17:17:49	00:00:27	00:01:19	56	224
	7	17:19:09	17:19:11	17:19:41	17:19:44	17:20:38	00:00:30	00:01:27		
	8	17:23:32	17:23:34	17:23:58	17:24:01	17:25:00	00:00:24	00:01:26		
	9	17:26:28	17:26:30	17:26:54	17:26:57	17:27:56	00:00:24	00:01:26		
	10	17:29:21	17:29:23	17:29:48	17:29:51	17:30:48	00:00:25	00:01:25		
17:30 - 17:45	11	17:32:16	17:32:18	17:32:47	17:32:50	17:33:44	00:00:29	00:01:26	61	244
	12	17:35:12	17:35:14	17:35:44	17:35:47	17:36:40	00:00:30	00:01:26		
	13	17:39:36	17:39:38	17:40:08	17:40:11	17:41:04	00:00:30	00:01:26		
	14	17:42:32	17:42:34	17:43:03	17:43:06	17:44:01	00:00:29	00:01:27		
	15	17:44:01	17:44:03	17:44:30	17:44:33	17:45:28	00:00:27	00:01:25		
17:45 - 18:00	16	17:46:56	17:46:58	17:47:28	17:47:31	17:48:24	00:00:30	00:01:26	59	236
	17	17:49:52	17:49:54	17:50:24	17:50:27	17:51:20	00:00:30	00:01:26		
	18	17:52:49	17:52:51	17:53:20	17:53:23	17:54:17	00:00:29	00:01:26		
	19	17:55:44	17:55:46	17:56:16	17:56:19	17:57:12	00:00:30	00:01:26		
	20	17:58:39	17:58:41	17:59:09	17:59:12	18:00:07	00:00:28	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	23	92	00:01:10	00:00:26	0	0.00%	
08:15 - 08:30	25	100	00:01:10	00:00:25	0	0.00%	
08:30 - 08:45	45	180	00:01:24	00:00:25	0	0.00%	Average
08:45 - 09:00	36	144	00:01:26	00:00:25	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	62	248	00:01:15	00:00:25	0	0.00%	
17:15 - 17:30	56	224	00:01:25	00:00:26	0	0.00%	
17:30 - 17:45	61	244	00:01:26	00:00:29	0	0.00%	Average
17:45 - 18:00	59	236	00:01:26	00:00:29	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:49	0	0	0	0	0	0	0	0	0	0	06:02:52	0	0	0	0	0	0	0	0	0	0	06:03:26	00:01:02
0	0	0	0	0	0	0	0	0	06:16:43	0	0	0	0	0	0	0	0	0	0	06:16:46	0	0	0	0	0	0	0	0	0	0	06:17:18	00:01:01
0	0	0	0	0	0	0	0	0	06:23:04	0	0	0	0	0	0	0	0	0	0	06:23:07	0	0	0	0	0	0	0	0	0	0	06:23:41	00:01:02
0	0	0	0	0	0	0	0	0	06:28:27	0	0	0	0	0	0	0	0	0	0	06:28:30	0	0	0	0	0	0	0	0	0	0	06:29:02	00:01:02
0	0	0	0	0	0	0	0	0	06:31:40	0	0	0	0	0	0	0	0	0	0	06:31:43	0	0	0	0	0	0	0	0	0	0	06:32:17	00:01:02
0	0	0	0	0	0	0	0	0	06:34:52	0	0	0	0	0	0	0	0	0	0	06:34:55	0	0	0	0	0	0	0	0	0	0	06:35:29	00:01:02
0	0	0	0	0	0	0	0	0	06:35:56	0	0	0	0	0	0	0	0	0	0	06:35:59	0	0	0	0	0	0	0	0	0	0	06:36:33	00:01:02
0	0	0	0	0	0	0	0	0	06:41:19	0	0	0	0	0	0	0	0	0	0	06:41:22	0	0	0	0	0	0	0	0	0	0	06:41:56	00:01:02
0	0	0	0	0	0	0	0	0	06:45:37	0	0	0	0	0	0	0	0	0	0	06:45:40	0	0	0	0	0	0	0	0	0	0	06:46:13	00:01:03
0	0	0	0	0	0	0	0	0	06:53:06	0	0	0	0	0	0	0	0	0	0	06:53:09	0	0	0	0	0	0	0	0	0	0	06:53:43	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 49
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:18:19	0	0	0	0	0	0	0	0	0	0	06:18:21	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:23:41	0	0	0	0	0	0	0	0	0	0	06:23:43	1	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
3	06:39:06	0	0	0	0	0	0	0	0	0	0	06:39:08	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
4	06:32:17	0	0	0	0	0	0	0	0	0	0	06:32:19	0	0	2	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:39:48	0	0	0	0	0	0	0	0	0	0	06:39:50	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:43:00	0	0	0	0	0	0	0	0	0	0	06:43:02	1	0	0	0	0	0	0	0	1	1		0	0	0	0	0	0	0	0	0	0		0
7	06:47:18	0	0	0	0	0	0	0	0	0	0	06:47:20	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:50:31	0	0	0	0	0	0	0	0	0	0	06:50:33	1	0	1	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
9	06:54:47	0	0	0	0	0	0	0	0	0	0	06:54:49	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:56:55	0	0	0	0	0	0	0	0	0	0	06:56:57	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:18	08:02:20	08:02:47	08:02:50	08:03:30	00:00:27	00:01:10	31	124
	2	08:04:42	08:04:44	08:05:09	08:05:12	08:05:54	00:00:25	00:01:10		
	3	08:08:27	08:08:29	08:08:54	08:08:57	08:09:39	00:00:25	00:01:10		
	4	08:12:02	08:12:04	08:12:30	08:12:33	08:13:15	00:00:26	00:01:11		
	5	08:14:27	08:14:29	08:14:56	08:14:57	08:15:39	00:00:25	00:01:10		
08:15 - 08:30	6	08:16:53	08:16:53	08:17:19	08:17:22	08:18:04	00:00:26	00:01:11	34	136
	7	08:20:27	08:20:29	08:20:55	08:20:58	08:21:39	00:00:26	00:01:10		
	8	08:23:51	08:23:53	08:24:18	08:24:21	08:25:04	00:00:25	00:01:11		
	9	08:25:15	08:25:17	08:25:42	08:25:45	08:26:27	00:00:25	00:01:10		
	10	08:27:39	08:27:41	08:28:05	08:28:08	08:28:51	00:00:24	00:01:10		
08:30 - 08:45	11	08:31:15	08:31:17	08:31:41	08:31:44	08:32:35	00:00:24	00:01:18	33	132
	12	08:33:55	08:33:57	08:34:22	08:34:25	08:35:23	00:00:25	00:01:26		
	13	08:36:51	08:36:53	08:37:18	08:37:21	08:38:17	00:00:25	00:01:24		
	14	08:41:11	08:41:13	08:41:39	08:41:42	08:42:40	00:00:26	00:01:27		
	15	08:44:07	08:44:09	08:44:34	08:44:37	08:45:36	00:00:25	00:01:27		
08:45 - 09:00	16	08:45:36	08:45:38	08:46:03	08:46:06	08:47:04	00:00:25	00:01:26	44	176
	17	08:48:31	08:48:33	08:48:58	08:49:01	08:50:00	00:00:25	00:01:27		
	18	08:52:57	08:52:59	08:53:24	08:53:27	08:54:25	00:00:25	00:01:26		
	19	08:55:52	08:55:54	08:56:18	08:56:21	08:57:20	00:00:24	00:01:26		
	20	08:58:48	08:58:50	08:59:15	08:59:18	09:00:16	00:00:25	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:04	17:01:06	17:01:31	17:01:34	17:02:16	00:00:25	00:01:10	61	244
	2	17:03:27	17:03:29	17:03:54	17:03:57	17:04:39	00:00:25	00:01:10		
	3	17:07:08	17:07:10	17:07:37	17:07:40	17:08:28	00:00:27	00:01:18		
	4	17:09:49	17:09:51	17:10:17	17:10:20	17:11:09	00:00:26	00:01:18		
	5	17:12:29	17:12:31	17:12:55	17:12:58	17:13:49	00:00:24	00:01:18		
17:15 - 17:30	6	17:16:28	17:16:30	17:16:57	17:17:00	17:17:49	00:00:27	00:01:19	47	188
	7	17:19:09	17:19:11	17:19:41	17:19:44	17:20:38	00:00:30	00:01:27		
	8	17:23:32	17:23:34	17:23:58	17:24:01	17:25:00	00:00:24	00:01:26		
	9	17:26:28	17:26:30	17:26:54	17:26:57	17:27:56	00:00:24	00:01:26		
	10	17:29:21	17:29:23	17:29:48	17:29:51	17:30:48	00:00:25	00:01:25		
17:30 - 17:45	11	17:32:16	17:32:18	17:32:47	17:32:50	17:33:44	00:00:29	00:01:26	59	236
	12	17:35:12	17:35:14	17:35:44	17:35:47	17:36:40	00:00:30	00:01:26		
	13	17:39:36	17:39:38	17:40:08	17:40:11	17:41:04	00:00:30	00:01:26		
	14	17:42:32	17:42:34	17:43:03	17:43:06	17:44:01	00:00:29	00:01:27		
	15	17:44:01	17:44:03	17:44:30	17:44:33	17:45:28	00:00:27	00:01:25		
17:45 - 18:00	16	17:46:56	17:46:58	17:47:28	17:47:31	17:48:24	00:00:30	00:01:26	52	208
	17	17:49:52	17:49:54	17:50:24	17:50:27	17:51:20	00:00:30	00:01:26		
	18	17:52:49	17:52:51	17:53:20	17:53:23	17:54:17	00:00:29	00:01:26		
	19	17:55:44	17:55:46	17:56:16	17:56:19	17:57:12	00:00:30	00:01:26		
	20	17:58:39	17:58:41	17:59:09	17:59:12	18:00:07	00:00:28	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	31	124	00:01:10	00:00:26	0	0.00%	
08:15 - 08:30	34	136	00:01:10	00:00:25	0	0.00%	
08:30 - 08:45	33	132	00:01:24	00:00:25	0	0.00%	Average
08:45 - 09:00	44	176	00:01:26	00:00:25	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	61	244	00:01:15	00:00:25	0	0.00%	
17:15 - 17:30	47	188	00:01:25	00:00:26	0	0.00%	
17:30 - 17:45	59	236	00:01:26	00:00:29	0	0.00%	Average
17:45 - 18:00	52	208	00:01:26	00:00:29	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:18:46	0	0	0	0	0	0	0	0	0	0	06:18:49	0	0	0	0	0	0	0	0	0	0	06:19:25	00:01:04
0	0	0	0	0	0	0	0	0	06:24:08	0	0	0	1	0	0	0	0	0	2	06:24:11	0	0	0	0	0	0	0	0	0	0	06:24:45	00:01:02
0	0	0	0	0	0	0	0	0	06:30:35	0	0	0	0	0	0	0	0	0	0	06:30:38	0	0	0	0	0	0	0	0	0	0	06:31:13	00:01:05
0	0	0	0	0	0	0	0	0	06:32:44	0	0	0	0	0	0	0	0	0	0	06:32:47	0	0	0	0	0	0	0	0	0	0	06:33:21	00:01:03
0	0	0	0	0	0	0	0	0	06:40:15	0	0	0	0	0	0	0	0	0	0	06:40:18	0	0	0	0	0	0	0	0	0	0	06:40:52	00:01:02
0	0	0	0	0	0	0	0	0	06:43:27	0	0	0	0	0	0	0	0	0	0	06:43:30	0	0	0	0	0	0	0	0	0	0	06:44:03	00:01:01
0	0	0	0	0	0	0	0	0	06:47:45	0	0	0	0	0	0	0	0	0	0	06:47:48	0	0	0	0	0	0	0	0	0	0	06:48:22	00:01:02
0	0	0	0	0	0	0	0	0	06:50:58	0	0	0	0	0	0	0	0	0	0	06:51:01	0	0	0	0	0	0	0	0	0	0	06:51:35	00:01:02
0	0	0	0	0	0	0	0	0	06:55:14	0	0	0	0	0	0	0	0	0	0	06:55:17	0	0	0	0	0	0	0	0	0	0	06:55:51	00:01:02
0	0	0	0	0	0	0	0	0	06:57:22	0	0	0	0	0	0	0	0	0	0	06:57:25	0	0	0	0	0	0	0	0	0	0	06:57:59	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 49
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:34	0	0	0	0	0	0	0	0	0	0	06:05:36	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:08:46	0	0	0	0	0	0	0	0	0	0	06:08:48	1	0	2	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
3	06:14:07	0	0	0	0	0	0	0	0	0	0	06:14:09	5	0	1	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
4	06:19:25	0	0	0	0	0	0	0	0	0	0	06:19:27	2	0	0	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
5	06:36:33	0	0	0	0	0	0	0	0	0	0	06:36:35	5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:25:49	0	0	0	0	0	0	0	0	0	0	06:25:51	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:32:17	0	0	0	0	0	0	0	0	0	0	06:32:19	0	0	1	0	0	1	0	0	0	3	06:32:28	6	0	0	0	0	0	0	1	0	6	06:32:42	0
8	06:46:13	0	0	0	0	0	0	0	0	0	0	06:46:15	3	0	1	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
9	06:48:22	0	0	0	0	0	0	0	0	0	0	06:48:24	5	1	1	0	0	1	0	0	0	9		0	0	0	0	0	0	0	0	0	0		0
10	06:53:43	0	0	0	0	0	0	0	0	0	0	06:53:45	4	0	1	1	0	0	0	0	0	7		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:02:18	08:02:20	08:02:47	08:02:50	08:03:30	00:00:27	00:01:00	64	256
	2	08:04:42	08:04:44	08:05:09	08:05:12	08:05:54	00:00:25	00:01:00		
	3	08:08:27	08:08:29	08:08:54	08:08:57	08:09:39	00:00:25	00:01:10		
	4	08:12:02	08:12:04	08:12:30	08:12:33	08:13:15	00:00:26	00:01:11		
	5	08:14:27	08:14:29	08:14:54	08:14:57	08:15:39	00:00:25	00:01:10		
08:15 - 08:30	6	08:16:51	08:16:53	08:17:19	08:17:22	08:18:04	00:00:26	00:01:11	65	260
	7	08:20:27	08:20:29	08:20:55	08:20:58	08:21:39	00:00:26	00:01:10		
	8	08:23:51	08:23:53	08:24:18	08:24:21	08:25:04	00:00:25	00:01:11		
	9	08:25:15	08:25:17	08:25:42	08:25:45	08:26:27	00:00:25	00:01:10		
	10	08:27:39	08:27:41	08:28:05	08:28:08	08:28:51	00:00:24	00:01:10		
08:30 - 08:45	11	08:31:15	08:31:17	08:31:41	08:31:44	08:32:35	00:00:24	00:01:18	81	324
	12	08:33:55	08:33:57	08:34:22	08:34:25	08:35:23	00:00:25	00:01:26		
	13	08:36:51	08:36:53	08:37:18	08:37:21	08:38:17	00:00:25	00:01:24		
	14	08:41:11	08:41:13	08:41:39	08:41:42	08:42:40	00:00:26	00:01:27		
	15	08:44:07	08:44:09	08:44:34	08:44:37	08:45:36	00:00:25	00:01:27		
08:45 - 09:00	16	08:45:36	08:45:38	08:46:03	08:46:06	08:47:04	00:00:25	00:01:26	58	232
	17	08:48:31	08:48:33	08:48:58	08:49:01	08:50:00	00:00:25	00:01:27		
	18	08:52:57	08:52:59	08:53:24	08:53:27	08:54:25	00:00:25	00:01:26		
	19	08:55:52	08:55:54	08:56:18	08:56:21	08:57:20	00:00:24	00:01:26		
	20	08:58:48	08:58:50	08:59:15	08:59:18	09:00:16	00:00:25	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:04	17:01:06	17:01:31	17:01:34	17:02:16	00:00:25	00:01:10	49	196
	2	17:03:27	17:03:29	17:03:54	17:03:57	17:04:39	00:00:25	00:01:10		
	3	17:07:08	17:07:10	17:07:37	17:07:40	17:08:28	00:00:27	00:01:18		
	4	17:09:49	17:09:51	17:10:17	17:10:20	17:11:09	00:00:26	00:01:18		
	5	17:12:29	17:12:31	17:12:55	17:12:58	17:13:49	00:00:24	00:01:18		
17:15 - 17:30	6	17:16:28	17:16:30	17:16:57	17:17:00	17:17:49	00:00:27	00:01:19	38	152
	7	17:19:09	17:19:11	17:19:41	17:19:44	17:20:38	00:00:30	00:01:27		
	8	17:23:32	17:23:34	17:23:58	17:24:01	17:25:00	00:00:24	00:01:26		
	9	17:26:28	17:26:30	17:26:54	17:26:57	17:27:56	00:00:24	00:01:26		
	10	17:29:21	17:29:23	17:29:48	17:29:51	17:30:48	00:00:25	00:01:25		
17:30 - 17:45	11	17:32:16	17:32:18	17:32:47	17:32:50	17:33:44	00:00:29	00:01:26	44	176
	12	17:35:12	17:35:14	17:35:44	17:35:47	17:36:40	00:00:30	00:01:26		
	13	17:39:36	17:39:38	17:40:08	17:40:11	17:41:04	00:00:30	00:01:26		
	14	17:42:32	17:42:34	17:43:03	17:43:06	17:44:01	00:00:29	00:01:27		
	15	17:44:01	17:44:03	17:44:30	17:44:33	17:45:28	00:00:27	00:01:25		
17:45 - 18:00	16	17:46:56	17:46:58	17:47:28	17:47:31	17:48:24	00:00:30	00:01:26	53	212
	17	17:49:52	17:49:54	17:50:24	17:50:27	17:51:20	00:00:30	00:01:26		
	18	17:52:49	17:52:51	17:53:20	17:53:23	17:54:17	00:00:29	00:01:26		
	19	17:55:44	17:55:46	17:56:16	17:56:19	17:57:12	00:00:30	00:01:26		
	20	17:58:39	17:58:41	17:59:09	17:59:12	18:00:07	00:00:28	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
6	00:00:14	1646	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	1646

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	64	256	00:01:10	00:00:26	1646	42.66%	
08:15 - 08:30	65	260	00:01:10	00:00:25	1646	44.14%	
08:30 - 08:45	81	324	00:01:24	00:00:25	1646	66.47%	Average
08:45 - 09:00	58	232	00:01:26	00:00:25	1646	49.00%	50.56%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	49	196	00:01:15	00:00:25	1646	35.07%	
17:15 - 17:30	38	152	00:01:25	00:00:26	1646	30.05%	
17:30 - 17:45	44	176	00:01:26	00:00:29	1646	31.71%	Average
17:45 - 18:00	53	212	00:01:26	00:00:29	1646	37.68%	33.63%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:01	0	0	0	0	0	0	0	0	0	0	06:06:04	0	0	0	0	0	0	0	0	0	0	06:06:38	00:01:02
0	0	0	0	0	0	0	0	0	06:09:13	0	0	0	0	0	0	0	0	0	0	06:09:16	0	0	0	0	0	0	0	0	0	0	06:09:50	00:01:02
0	0	0	0	0	0	0	0	0	06:14:34	0	0	0	0	0	0	0	0	0	0	06:14:37	0	0	0	0	0	0	0	0	0	0	06:15:11	00:01:02
0	0	0	0	0	0	0	0	0	06:19:52	0	0	0	0	0	0	0	0	0	0	06:19:55	0	0	0	0	0	0	0	0	0	0	06:20:29	00:01:03
0	0	0	0	0	0	0	0	0	06:37:00	0	0	0	0	0	0	0	0	0	0	06:37:03	0	0	0	0	0	0	0	0	0	0	06:37:37	00:01:02
0	0	0	0	0	0	0	0	0	06:26:18	0	0	0	0	0	0	0	0	0	0	06:26:21	0	0	0	0	0	0	0	0	0	0	06:26:54	00:01:03
0	0	0	0	0	0	0	0	0	06:32:44	0	0	0	0	0	0	0	0	0	0	06:32:47	0	0	0	0	0	0	0	0	0	0	06:33:21	00:01:02
0	0	0	0	0	0	0	0	0	06:46:42	0	0	0	0	0	0	0	0	0	0	06:46:45	0	0	0	0	0	0	0	0	0	0	06:47:18	00:01:03
0	0	0	0	0	0	0	0	0	06:48:49	1	0	0	0	0	0	0	0	0	1	06:48:52	0	0	0	0	0	0	0	0	0	0	06:49:26	00:01:02
0	0	0	0	0	0	0	0	0	06:54:10	1	0	0	0	0	0	0	0	0	1	06:54:13	0	0	0	0	0	0	0	0	0	0	06:54:47	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 49
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:07:08	0	0	0	0	0	0	0	0	0	0	06:07:10	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:19:55	0	0	0	0	0	0	0	0	0	0	06:19:57	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:20:59	0	0	0	0	0	0	0	0	0	0	06:21:01	0	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
4	06:33:51	0	0	0	0	0	0	0	0	0	0	06:33:53	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:35:59	0	0	0	0	0	0	0	0	0	0	06:36:01	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:41:22	0	0	0	0	0	0	0	0	0	0	06:41:24	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:48:52	0	0	0	0	0	0	0	0	0	0	06:48:54	0	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
8	06:49:58	0	0	0	0	0	0	0	0	0	0	06:50:00	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:53:09	0	0	0	0	0	0	0	0	0	0	06:53:11	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:56:21	0	0	0	0	0	0	0	0	0	0	06:56:23	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:33	08:01:35	08:01:51	08:01:54	08:02:50	00:00:16	00:01:15	24	96
	2	08:04:00	08:04:02	08:04:17	08:04:20	08:05:12	00:00:15	00:01:10		
	3	08:06:25	08:06:27	08:06:41	08:06:44	08:07:45	00:00:14	00:01:18		
	4	08:10:09	08:10:11	08:10:18	08:10:21	08:11:21	00:00:07	00:01:10		
	5	08:12:13	08:12:35	08:12:42	08:12:45	08:13:45	00:00:07	00:01:10		
08:15 - 08:30	6	08:17:21	08:17:23	08:17:30	08:17:33	08:18:33	00:00:07	00:01:10	34	136
	7	08:19:45	08:19:47	08:19:54	08:19:57	08:20:57	00:00:07	00:01:10		
	8	08:22:09	08:22:11	08:22:18	08:22:21	08:23:21	00:00:07	00:01:10		
	9	08:24:33	08:24:35	08:24:42	08:24:45	08:25:45	00:00:07	00:01:10		
	10	08:28:09	08:28:11	08:28:18	08:28:21	08:29:21	00:00:07	00:01:10		
08:30 - 08:45	11	08:30:33	08:30:35	08:30:42	08:30:45	08:31:45	00:00:07	00:01:10	26	104
	12	08:33:05	08:33:07	08:33:16	08:33:19	08:34:25	00:00:09	00:01:18		
	13	08:35:53	08:35:55	08:36:08	08:36:11	08:37:21	00:00:13	00:01:26		
	14	08:38:46	08:38:48	08:39:01	08:39:04	08:40:14	00:00:13	00:01:26		
	15	08:41:42	08:41:44	08:41:57	08:42:00	08:43:10	00:00:13	00:01:26		
08:45 - 09:00	16	08:46:06	08:46:08	08:46:21	08:46:24	08:47:34	00:00:13	00:01:26	40	160
	17	08:49:02	08:49:04	08:49:17	08:49:20	08:50:30	00:00:13	00:01:26		
	18	08:51:58	08:52:00	08:52:13	08:52:16	08:53:26	00:00:13	00:01:26		
	19	08:54:54	08:54:56	08:55:09	08:55:12	08:56:22	00:00:13	00:01:26		
	20	08:57:50	08:57:52	08:58:05	08:58:08	08:59:16	00:00:13	00:01:24		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:02:46	17:02:48	17:02:55	17:02:58	17:03:58	00:00:07	00:01:10	13	52
	2	17:05:10	17:05:12	17:05:19	17:05:22	17:06:23	00:00:07	00:01:11		
	3	17:06:23	17:06:25	17:06:32	17:06:35	17:07:41	00:00:07	00:01:16		
	4	17:09:02	17:09:04	17:09:11	17:09:14	17:10:21	00:00:07	00:01:17		
	5	17:11:41	17:11:43	17:11:51	17:11:54	17:13:00	00:00:08	00:01:17		
17:15 - 17:30	6	17:15:42	17:15:44	17:15:51	17:15:54	17:17:02	00:00:07	00:01:18	16	64
	7	17:18:22	17:18:24	17:18:31	17:18:34	17:19:44	00:00:07	00:01:20		
	8	17:22:38	17:22:40	17:22:50	17:22:53	17:24:02	00:00:10	00:01:22		
	9	17:25:33	17:25:35	17:25:45	17:25:48	17:26:58	00:00:10	00:01:23		
	10	17:28:27	17:28:29	17:28:41	17:28:44	17:29:51	00:00:12	00:01:22		
17:30 - 17:45	11	17:31:22	17:31:24	17:31:34	17:31:37	17:32:52	00:00:10	00:01:28	11	44
	12	17:34:20	17:34:22	17:34:29	17:34:32	17:35:49	00:00:07	00:01:27		
	13	17:37:17	17:37:19	17:37:30	17:37:33	17:38:43	00:00:11	00:01:24		
	14	17:40:12	17:40:14	17:40:21	17:40:24	17:41:41	00:00:07	00:01:27		
	15	17:41:40	17:41:42	17:41:50	17:41:53	17:43:07	00:00:08	00:01:25		
17:45 - 18:00	16	17:46:04	17:46:06	17:46:14	17:46:17	17:47:33	00:00:08	00:01:27	12	48
	17	17:49:00	17:49:02	17:49:11	17:49:14	17:50:28	00:00:09	00:01:26		
	18	17:51:57	17:51:59	17:52:07	17:52:10	17:53:25	00:00:08	00:01:26		
	19	17:56:21	17:56:23	17:56:33	17:56:36	17:57:46	00:00:10	00:01:23		
	20	17:59:14	17:59:16	17:59:25	17:59:28	18:00:41	00:00:09	00:01:25		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	24	96	00:01:13	00:00:12	0	0.00%	
08:15 - 08:30	34	136	00:01:10	00:00:07	0	0.00%	
08:30 - 08:45	26	104	00:01:21	00:00:11	0	0.00%	Average
08:45 - 09:00	40	160	00:01:26	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	13	52	00:01:14	00:00:07	0	0.00%	
17:15 - 17:30	16	64	00:01:21	00:00:09	0	0.00%	
17:30 - 17:45	11	44	00:01:26	00:00:09	0	0.00%	Average
17:45 - 18:00	12	48	00:01:25	00:00:09	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber												Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:07:17	0	0	0	0	0	0	0	0	0	0	06:07:20	0	0	0	0	0	0	0	0	0	0	06:08:12	00:01:02
0	0	0	0	0	0	0	0	0	06:20:06	0	0	0	0	0	0	0	0	0	0	06:20:09	0	0	0	0	0	0	0	0	0	0	06:20:59	00:01:02
0	0	0	0	0	0	0	0	0	06:21:10	0	0	0	0	0	0	0	0	0	0	06:21:13	0	0	0	0	0	0	0	0	0	0	06:22:03	00:01:02
0	0	0	0	0	0	0	0	0	06:34:03	0	0	0	0	0	0	0	0	0	0	06:34:06	0	0	0	0	0	0	0	0	0	0	06:34:56	00:01:03
0	0	0	0	0	0	0	0	0	06:36:11	0	0	0	0	0	0	0	0	0	0	06:36:14	0	0	0	0	0	0	0	0	0	0	06:37:03	00:01:02
0	0	0	0	0	0	0	0	0	06:41:33	0	0	0	0	0	0	0	0	0	0	06:41:36	0	0	0	0	0	0	0	0	0	0	06:42:26	00:01:02
0	0	0	0	0	0	0	0	0	06:49:03	1	0	0	0	0	0	0	0	0	1	06:49:06	0	0	0	0	0	0	0	0	0	0	06:49:58	00:01:04
0	0	0	0	0	0	0	0	0	06:50:08	0	0	0	0	0	0	0	0	0	0	06:50:11	0	0	0	0	0	0	0	0	0	0	06:51:02	00:01:02
0	0	0	0	0	0	0	0	0	06:53:20	0	0	0	0	0	0	0	0	0	0	06:53:23	0	0	0	0	0	0	0	0	0	0	06:54:13	00:01:02
0	0	0	0	0	0	0	0	0	06:56:12	0	0	0	0	0	0	0	0	0	0	06:56:35	0	0	0	0	0	0	0	0	0	0	06:57:25	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 49
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:06:04	0	0	0	0	0	0	0	0	0	0	06:06:06	0	0	1	0	0	1	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:09:16	0	0	0	0	0	0	0	0	0	0	06:09:18	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:11:24	0	0	0	0	0	0	0	0	0	0	06:11:26	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:27:24	0	0	0	0	0	0	0	0	0	0	06:27:26	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:32:47	0	0	0	0	0	0	0	0	0	0	06:32:49	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
6	06:40:18	0	0	0	0	0	0	0	0	0	0	06:40:20	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:42:26	0	0	0	0	0	0	0	0	0	0	06:42:28	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:44:34	0	0	0	0	0	0	0	0	0	0	06:44:36	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:46:45	0	0	0	0	0	0	0	0	0	0	06:46:47	1	0	0	0	0	1	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:55:17	0	0	0	0	0	0	0	0	0	0	06:55:19	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:01:31	08:01:35	08:01:51	08:01:54	08:02:50	00:00:16	00:01:15		
2	08:04:00	08:04:02	08:04:17	08:04:20	08:05:12	00:00:15	00:01:10		
3	08:06:25	08:06:27	08:06:41	08:06:44	08:07:45	00:00:14	00:01:18	26	104
4	08:10:09	08:10:11	08:10:18	08:10:21	08:11:23	00:00:07	00:01:10		
5	08:12:31	08:12:35	08:12:42	08:12:45	08:13:45	00:00:07	00:01:10		
6	08:17:21	08:17:23	08:17:30	08:17:33	08:18:33	00:00:07	00:01:10		
7	08:19:45	08:19:47	08:19:54	08:19:57	08:20:57	00:00:07	00:01:10		
8	08:22:01	08:22:11	08:22:18	08:22:21	08:23:21	00:00:07	00:01:10	42	168
9	08:24:33	08:24:35	08:24:42	08:24:45	08:25:45	00:00:07	00:01:10		
10	08:28:09	08:28:11	08:28:18	08:28:21	08:29:21	00:00:07	00:01:10		
11	08:30:33	08:30:35	08:30:42	08:30:45	08:31:45	00:00:07	00:01:10		
12	08:33:05	08:33:07	08:33:16	08:33:19	08:34:25	00:00:09	00:01:18		
13	08:35:53	08:35:55	08:36:08	08:36:11	08:37:21	00:00:13	00:01:26	48	192
14	08:38:46	08:38:48	08:39:01	08:39:04	08:40:14	00:00:13	00:01:26		
15	08:41:42	08:41:44	08:41:57	08:42:00	08:43:10	00:00:13	00:01:26		
16	08:46:06	08:46:08	08:46:21	08:46:24	08:47:34	00:00:13	00:01:26		
17	08:49:02	08:49:04	08:49:17	08:49:20	08:50:30	00:00:13	00:01:26		
18	08:51:38	08:52:00	08:52:13	08:52:16	08:53:26	00:00:13	00:01:26		
19	08:54:54	08:54:56	08:55:09	08:55:12	08:56:22	00:00:13	00:01:26		
20	08:57:50	08:57:52	08:58:05	08:58:08	08:59:16	00:00:13	00:01:24		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:02:46	17:02:48	17:02:55	17:02:58	17:03:58	00:00:07	00:01:10		
2	17:05:16	17:05:12	17:05:19	17:05:22	17:06:23	00:00:07	00:01:11		
3	17:06:23	17:06:25	17:06:32	17:06:35	17:07:41	00:00:07	00:01:16	15	60
4	17:09:02	17:09:04	17:09:11	17:09:14	17:10:21	00:00:07	00:01:17		
5	17:11:42	17:11:43	17:11:50	17:11:54	17:13:00	00:00:08	00:01:17		
6	17:15:42	17:15:44	17:15:51	17:15:54	17:17:02	00:00:07	00:01:18		
7	17:18:22	17:18:24	17:18:31	17:18:34	17:19:44	00:00:07	00:01:20		
8	17:22:38	17:22:40	17:22:50	17:22:53	17:24:02	00:00:10	00:01:22	15	60
9	17:25:31	17:25:35	17:25:45	17:25:48	17:26:58	00:00:10	00:01:23		
10	17:28:27	17:28:29	17:28:41	17:28:44	17:29:51	00:00:12	00:01:22		
11	17:31:22	17:31:24	17:31:34	17:31:37	17:32:52	00:00:10	00:01:28		
12	17:34:20	17:34:22	17:34:29	17:34:32	17:35:49	00:00:07	00:01:27		
13	17:37:17	17:37:19	17:37:30	17:37:33	17:38:43	00:00:11	00:01:24		
14	17:40:12	17:40:14	17:40:21	17:40:24	17:41:41	00:00:07	00:01:27		
15	17:41:40	17:41:42	17:41:50	17:41:53	17:43:07	00:00:08	00:01:25		
16	17:46:04	17:46:06	17:46:14	17:46:17	17:47:33	00:00:08	00:01:27		
17	17:49:00	17:49:02	17:49:11	17:49:14	17:50:28	00:00:09	00:01:26		
18	17:51:57	17:51:59	17:52:07	17:52:10	17:53:25	00:00:08	00:01:26	24	96
19	17:56:21	17:56:23	17:56:33	17:56:36	17:57:46	00:00:10	00:01:23		
20	17:59:14	17:59:16	17:59:25	17:59:28	18:00:41	00:00:09	00:01:25		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	26	104	00:01:13	00:00:12	0	0.00%	
08:15 - 08:30	42	168	00:01:10	00:00:07	0	0.00%	
08:30 - 08:45	48	192	00:01:21	00:00:11	0	0.00%	Average
08:45 - 09:00	51	204	00:01:26	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	15	60	00:01:14	00:00:07	0	0.00%	
17:15 - 17:30	15	60	00:01:21	00:00:09	0	0.00%	
17:30 - 17:45	25	100	00:01:26	00:00:09	0	0.00%	Average
17:45 - 18:00	24	96	00:01:25	00:00:09	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:13	0	0	0	0	0	0	0	0	0	0	06:06:16	0	0	0	0	0	0	0	0	0	0	06:07:08	00:01:02
0	0	0	0	0	0	0	0	0	06:09:25	0	0	0	0	0	0	0	0	0	0	06:09:28	0	0	0	0	0	0	0	0	0	0	06:10:22	00:01:04
0	0	0	0	0	0	0	0	0	06:11:33	0	0	0	0	0	0	0	0	0	0	06:11:36	0	0	0	0	0	0	0	0	0	0	06:12:30	00:01:04
0	0	0	0	0	0	0	0	0	06:27:36	0	0	0	0	0	0	0	0	0	0	06:27:39	0	0	0	0	0	0	0	0	0	0	06:28:31	00:01:05
0	0	0	0	0	0	0	0	0	06:32:58	0	0	0	0	0	0	0	0	0	0	06:33:01	0	0	0	0	0	0	0	0	0	0	06:33:51	00:01:02
0	0	0	0	0	0	0	0	0	06:40:29	0	0	0	0	0	0	0	0	0	0	06:40:32	0	0	0	0	0	0	0	0	0	0	06:41:22	00:01:02
0	0	0	0	0	0	0	0	0	06:42:37	0	0	0	0	0	0	0	0	0	0	06:42:40	0	0	0	0	0	0	0	0	0	0	06:43:30	00:01:02
0	0	0	0	0	0	0	0	0	06:44:46	0	0	0	0	0	0	0	0	0	0	06:44:49	0	0	0	0	0	0	0	0	0	0	06:45:40	00:01:04
0	0	0	0	0	0	0	0	0	06:46:55	0	0	0	0	0	0	0	0	0	0	06:46:58	0	0	0	0	0	0	0	0	0	0	06:47:49	00:01:02
0	0	0	0	0	0	0	0	0	06:55:28	0	0	0	0	0	0	0	0	0	0	06:55:31	0	0	0	0	0	0	0	0	0	0	06:56:21	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 50
Date of Survey: 10.06.2014
Junction Name: Prince Albert Road / Park Village East / Gloucester Gate
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.536075	-0.146798	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 50
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:39	0	0	0	0	0	0	0	0	0	0	06:01:41	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:06:55	0	0	0	0	0	0	0	0	0	0	06:06:57	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:09:11	0	0	0	0	0	0	0	0	0	0	06:09:13	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:17:39	0	0	0	0	0	0	0	0	0	0	06:17:37	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:27:11	0	0	0	0	0	0	0	0	0	0	06:27:13	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:28:20	0	0	0	0	0	0	0	0	0	0	06:28:22	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:31:28	0	0	0	0	0	0	0	0	0	0	06:31:30	0	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:42:17	0	0	0	0	0	0	0	0	0	0	06:42:19	4	1	1	0	0	0	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
9	06:43:21	0	0	0	0	0	0	0	0	0	0	06:43:23	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:48:40	0	0	0	0	0	0	0	0	0	0	06:48:42	2	0	0	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:16	08:00:18	08:00:55	08:00:58	08:01:33	00:00:37	00:01:15	88	352
	2	08:05:02	08:05:04	08:05:41	08:05:44	08:06:11	00:00:37	00:01:07		
	3	08:07:30	08:07:32	08:08:09	08:08:12	08:08:39	00:00:37	00:01:07		
	4	08:09:45	08:09:47	08:10:23	08:10:26	08:11:01	00:00:36	00:01:14		
	5	08:13:33	08:13:35	08:14:04	08:14:07	08:14:50	00:00:29	00:01:15		
08:15 - 08:30	6	08:16:01	08:16:03	08:16:39	08:16:42	08:17:13	00:00:36	00:01:10	93	372
	7	08:18:25	08:18:27	08:19:03	08:19:06	08:19:37	00:00:36	00:01:10		
	8	08:22:01	08:22:03	08:22:39	08:22:42	08:23:17	00:00:36	00:01:14		
	9	08:25:37	08:25:39	08:26:15	08:26:18	08:26:45	00:00:36	00:01:06		
	10	08:29:13	08:29:15	08:29:44	08:29:47	08:30:25	00:00:29	00:01:10		
08:30 - 08:45	11	08:31:41	08:31:43	08:32:24	08:32:27	08:33:09	00:00:41	00:01:26	100	400
	12	08:34:29	08:34:31	08:35:10	08:35:13	08:36:01	00:00:39	00:01:30		
	13	08:37:21	08:37:23	08:38:02	08:38:05	08:38:49	00:00:39	00:01:26		
	14	08:40:17	08:40:19	08:40:55	08:40:58	08:41:41	00:00:36	00:01:22		
	15	08:43:17	08:43:19	08:43:53	08:43:56	08:44:44	00:00:34	00:01:25		
08:45 - 09:00	16	08:46:12	08:46:14	08:46:51	08:46:54	08:47:40	00:00:37	00:01:26	91	364
	17	08:49:04	08:49:06	08:49:45	08:49:48	08:50:36	00:00:39	00:01:30		
	18	08:52:04	08:52:06	08:52:38	08:52:41	08:53:28	00:00:32	00:01:22		
	19	08:55:00	08:55:02	08:55:39	08:55:42	08:56:24	00:00:37	00:01:22		
	20	08:57:48	08:57:50	08:58:29	08:58:32	08:59:16	00:00:39	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:23	17:00:25	17:01:00	17:01:03	17:01:35	00:00:35	00:01:10	53	212
	2	17:02:47	17:02:49	17:03:17	17:03:20	17:03:59	00:00:28	00:01:10		
	3	17:05:11	17:05:13	17:05:42	17:05:45	17:06:27	00:00:29	00:01:14		
	4	17:10:27	17:10:29	17:11:04	17:11:07	17:11:47	00:00:35	00:01:18		
	5	17:13:09	17:13:11	17:13:46	17:13:49	17:14:29	00:00:35	00:01:18		
17:15 - 17:30	6	17:17:11	17:17:13	17:17:48	17:17:51	17:18:31	00:00:35	00:01:18	51	204
	7	17:19:53	17:19:55	17:20:40	17:20:43	17:21:25	00:00:45	00:01:30		
	8	17:22:52	17:22:54	17:23:33	17:23:36	17:24:20	00:00:39	00:01:26		
	9	17:25:48	17:25:50	17:26:35	17:26:38	17:27:16	00:00:45	00:01:26		
	10	17:28:45	17:28:47	17:29:32	17:29:35	17:30:12	00:00:45	00:01:25		
17:30 - 17:45	11	17:31:40	17:31:42	17:32:27	17:32:30	17:33:09	00:00:45	00:01:27	55	220
	12	17:34:36	17:34:38	17:35:23	17:35:26	17:36:04	00:00:45	00:01:26		
	13	17:37:33	17:37:35	17:38:12	17:38:15	17:39:00	00:00:37	00:01:25		
	14	17:40:28	17:40:30	17:41:16	17:41:19	17:42:01	00:00:46	00:01:33		
	15	17:43:32	17:43:34	17:44:19	17:44:22	17:45:01	00:00:45	00:01:27		
17:45 - 18:00	16	17:46:28	17:46:30	17:47:15	17:47:18	17:47:56	00:00:45	00:01:26	71	284
	17	17:49:23	17:49:25	17:50:10	17:50:13	17:50:51	00:00:45	00:01:26		
	18	17:52:19	17:52:21	17:52:59	17:53:02	17:53:47	00:00:38	00:01:26		
	19	17:55:15	17:55:17	17:56:02	17:56:05	17:56:47	00:00:45	00:01:30		
	20	17:58:15	17:58:17	17:59:02	17:59:05	17:59:48	00:00:45	00:01:31		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	88	352	00:01:12	00:00:35	0	0.00%	
08:15 - 08:30	93	372	00:01:10	00:00:35	0	0.00%	
08:30 - 08:45	100	400	00:01:26	00:00:38	0	0.00%	Average
08:45 - 09:00	91	364	00:01:25	00:00:37	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	53	212	00:01:14	00:00:32	0	0.00%	
17:15 - 17:30	51	204	00:01:25	00:00:42	0	0.00%	
17:30 - 17:45	55	220	00:01:27	00:00:44	0	0.00%	Average
17:45 - 18:00	71	284	00:01:28	00:00:44	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:02	0	0	0	0	0	0	0	0	0	0	06:02:05	0	0	0	0	0	0	0	0	0	0	06:02:43	00:01:02
0	0	0	0	0	0	0	0	0	06:07:18	0	0	0	0	0	0	0	0	0	0	06:07:21	0	0	0	0	0	0	0	0	0	0	06:08:03	00:01:06
0	0	0	0	0	0	0	0	0	06:09:34	0	0	0	0	0	0	0	0	0	0	06:09:37	0	0	0	0	0	0	0	0	0	0	06:10:15	00:01:02
0	0	0	0	0	0	0	0	0	06:17:58	0	0	0	0	0	0	0	0	0	0	06:18:01	0	0	0	0	0	0	0	0	0	0	06:18:39	00:00:58
0	0	0	0	0	0	0	0	0	06:27:34	0	0	0	0	0	0	0	0	0	0	06:27:37	0	0	0	0	0	0	0	0	0	0	06:28:20	00:01:07
0	0	0	0	0	0	0	0	0	06:28:43	0	0	0	0	0	0	0	0	0	0	06:28:46	0	0	0	0	0	0	0	0	0	0	06:29:28	00:01:06
0	0	0	0	0	0	0	0	0	06:31:51	0	0	0	0	0	0	0	0	0	0	06:31:54	0	0	0	0	0	0	0	0	1	0	06:32:28	00:00:58
0	0	0	0	0	0	0	0	0	06:42:47	0	0	0	0	0	0	0	0	0	0	06:42:50	0	0	0	0	0	0	0	0	0	0	06:43:21	00:01:02
0	0	0	0	0	0	0	0	0	06:43:44	0	0	0	0	0	0	0	0	0	0	06:43:47	0	0	0	0	0	0	0	0	0	0	06:44:21	00:00:58
0	0	0	0	0	0	0	0	0	06:49:03	0	0	0	0	0	0	0	0	0	0	06:49:06	0	0	0	0	0	0	0	0	0	0	06:49:40	00:00:58

Intelligent Data Collection Limited

Client: Arup
Project Number: 1001081
Site Number: Site 50
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:39	0	0	0	0	0	0	0	0	0	0	06:01:41	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:06:55	0	0	0	0	0	0	0	0	0	0	06:06:57	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:09:11	0	0	0	0	0	0	0	0	0	0	06:09:13	0	0	0	0	0	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:17:39	0	0	0	0	0	0	0	0	0	0	06:17:37	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:27:11	0	0	0	0	0	0	0	0	0	0	06:27:13	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:28:20	0	0	0	0	0	0	0	0	0	0	06:28:22	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:31:28	0	0	0	0	0	0	0	0	0	0	06:31:30	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:42:17	0	0	0	0	0	0	0	0	0	0	06:42:19	2	0	0	0	0	0	0	0	1	2		0	0	0	0	0	0	0	0	0	0		0
9	06:43:21	0	0	0	0	0	0	0	0	0	0	06:43:23	1	0	0	0	0	0	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
10	06:48:40	0	0	0	0	0	0	0	0	0	0	06:48:42	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:16	08:00:18	08:00:55	08:00:58	08:01:33	00:00:37	00:01:15	93	372
	2	08:05:02	08:05:04	08:05:41	08:05:44	08:06:11	00:00:37	00:01:07		
	3	08:07:30	08:07:32	08:08:09	08:08:12	08:08:39	00:00:37	00:01:07		
	4	08:09:45	08:09:47	08:10:23	08:10:26	08:11:01	00:00:36	00:01:14		
	5	08:13:31	08:13:35	08:14:04	08:14:07	08:14:50	00:00:29	00:01:15		
08:15 - 08:30	6	08:16:01	08:16:03	08:16:39	08:16:42	08:17:13	00:00:36	00:01:05	77	308
	7	08:18:25	08:18:27	08:19:03	08:19:06	08:19:37	00:00:36	00:01:10		
	8	08:22:01	08:22:03	08:22:39	08:22:42	08:23:17	00:00:36	00:01:14		
	9	08:25:37	08:25:39	08:26:15	08:26:18	08:26:45	00:00:36	00:01:06		
	10	08:29:13	08:29:15	08:29:44	08:29:47	08:30:25	00:00:29	00:01:10		
08:30 - 08:45	11	08:31:41	08:31:43	08:32:24	08:32:27	08:33:09	00:00:41	00:01:26	93	372
	12	08:34:29	08:34:31	08:35:10	08:35:13	08:36:01	00:00:39	00:01:30		
	13	08:37:21	08:37:23	08:38:02	08:38:05	08:38:49	00:00:39	00:01:26		
	14	08:40:17	08:40:19	08:40:55	08:40:58	08:41:41	00:00:36	00:01:22		
	15	08:43:17	08:43:19	08:43:53	08:43:56	08:44:44	00:00:34	00:01:25		
	16	08:46:12	08:46:14	08:46:51	08:46:54	08:47:40	00:00:37	00:01:26		
08:45 - 09:00	17	08:49:04	08:49:06	08:49:45	08:49:48	08:50:36	00:00:39	00:01:30	87	348
	18	08:52:04	08:52:06	08:52:38	08:52:41	08:53:28	00:00:32	00:01:22		
	19	08:55:00	08:55:02	08:55:39	08:55:42	08:56:24	00:00:37	00:01:22		
	20	08:57:48	08:57:50	08:58:29	08:58:32	08:59:16	00:00:39	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:23	17:00:25	17:01:00	17:01:03	17:01:35	00:00:35	00:01:10	56	224
	2	17:02:47	17:02:49	17:03:17	17:03:20	17:03:59	00:00:28	00:01:10		
	3	17:05:11	17:05:13	17:05:42	17:05:45	17:06:27	00:00:29	00:01:14		
	4	17:10:07	17:10:09	17:11:04	17:11:07	17:11:47	00:00:35	00:01:18		
	5	17:13:03	17:13:05	17:13:46	17:13:49	17:14:30	00:00:35	00:01:18		
17:15 - 17:30	6	17:17:11	17:17:13	17:17:48	17:17:51	17:18:31	00:00:35	00:01:18	58	232
	7	17:19:53	17:19:55	17:20:40	17:20:43	17:21:25	00:00:45	00:01:30		
	8	17:22:52	17:22:54	17:23:33	17:23:36	17:24:20	00:00:39	00:01:26		
	9	17:25:48	17:25:50	17:26:35	17:26:38	17:27:16	00:00:45	00:01:26		
	10	17:28:45	17:28:47	17:29:32	17:29:35	17:30:12	00:00:45	00:01:25		
17:30 - 17:45	11	17:31:40	17:31:42	17:32:27	17:32:30	17:33:09	00:00:45	00:01:27	61	244
	12	17:34:36	17:34:38	17:35:23	17:35:26	17:36:04	00:00:45	00:01:26		
	13	17:37:33	17:37:35	17:38:12	17:38:15	17:39:00	00:00:37	00:01:25		
	14	17:40:28	17:40:30	17:41:16	17:41:19	17:42:01	00:00:46	00:01:31		
	15	17:43:32	17:43:34	17:44:19	17:44:22	17:45:01	00:00:45	00:01:27		
17:45 - 18:00	16	17:46:28	17:46:30	17:47:15	17:47:18	17:47:56	00:00:45	00:01:26	64	256
	17	17:49:23	17:49:25	17:50:10	17:50:13	17:50:51	00:00:45	00:01:26		
	18	17:52:19	17:52:21	17:52:59	17:53:02	17:53:47	00:00:38	00:01:26		
	19	17:55:15	17:55:17	17:56:02	17:56:05	17:56:47	00:00:45	00:01:30		
	20	17:58:15	17:58:17	17:59:02	17:59:05	17:59:48	00:00:45	00:01:31		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	93	372	00:01:12	00:00:35	0	0.00%	
08:15 - 08:30	77	308	00:01:10	00:00:35	0	0.00%	
08:30 - 08:45	93	372	00:01:26	00:00:38	0	0.00%	Average
08:45 - 09:00	87	348	00:01:25	00:00:37	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	56	224	00:01:14	00:00:32	0	0.00%	
17:15 - 17:30	58	232	00:01:25	00:00:42	0	0.00%	
17:30 - 17:45	61	244	00:01:27	00:00:44	0	0.00%	Average
17:45 - 18:00	64	256	00:01:28	00:00:44	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:02	0	0	0	0	0	0	0	0	0	0	06:02:05	0	0	0	0	0	0	0	0	0	0	06:02:43	00:01:02
0	0	0	0	0	0	0	0	0	06:07:18	0	0	0	0	0	0	0	0	0	0	06:07:21	0	0	0	0	0	0	0	0	0	0	06:08:03	00:01:06
0	0	0	0	0	0	0	0	0	06:09:34	0	0	0	0	0	0	0	0	0	0	06:09:37	0	0	0	0	0	0	0	0	0	0	06:10:15	00:01:02
0	0	0	0	0	0	0	0	0	06:17:58	0	0	0	0	0	0	0	0	0	0	06:18:01	0	0	0	0	0	0	0	0	0	0	06:18:39	00:00:58
0	0	0	0	0	0	0	0	0	06:27:34	0	0	0	0	0	0	0	0	0	0	06:27:37	0	0	0	0	0	0	0	0	0	0	06:28:20	00:01:07
0	0	0	0	0	0	0	0	0	06:28:43	0	0	0	0	0	0	0	0	0	0	06:28:46	0	0	0	0	0	0	0	0	0	0	06:29:28	00:01:06
0	0	0	0	0	0	0	0	0	06:31:51	0	0	0	0	0	0	0	0	0	0	06:31:54	0	0	0	0	0	0	0	0	0	0	06:32:28	00:00:58
0	0	0	0	0	0	0	0	0	06:42:47	0	0	0	0	0	0	0	0	0	0	06:42:50	0	0	0	0	0	0	0	0	0	0	06:43:21	00:01:02
0	0	0	0	0	0	0	0	0	06:43:44	0	0	0	0	0	0	0	0	0	0	06:43:47	0	0	0	0	0	0	0	0	0	0	06:44:21	00:00:58
0	0	0	0	0	0	0	0	0	06:49:03	0	0	0	0	0	0	0	0	0	0	06:49:06	0	0	0	0	0	0	0	0	0	0	06:49:40	00:00:58

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 50
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:54	0	0	0	0	0	0	0	0	0	0	06:00:56	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:03:04	0	0	0	0	0	0	0	0	0	0	06:03:06	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:10:36	0	0	0	0	0	0	0	0	0	0	06:10:38	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:16:52	0	0	0	0	0	0	0	0	0	0	06:16:54	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:20:04	0	0	0	0	0	0	0	0	0	0	06:20:06	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:24:20	0	0	0	0	0	0	0	0	0	0	06:24:22	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:27:32	0	0	0	0	0	0	0	0	0	0	06:27:34	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:32:49	0	0	0	0	0	0	0	0	0	0	06:32:51	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:40:21	0	0	0	0	0	0	0	0	0	0	06:40:23	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:44:42	0	0	0	0	0	0	0	0	0	0	06:44:44	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:38	08:00:40	08:01:07	08:01:10	08:01:54	00:00:27	00:01:14	55	220
	2	08:03:00	08:03:02	08:03:35	08:03:38	08:04:12	00:00:33	00:01:10		
	3	08:05:24	08:05:26	08:05:54	08:05:57	08:06:33	00:00:28	00:01:07		
	4	08:07:52	08:07:54	08:08:24	08:08:27	08:09:00	00:00:30	00:01:06		
	5	08:12:39	08:12:41	08:13:10	08:13:13	08:13:55	00:00:29	00:01:14		
08:15 - 08:30	6	08:16:23	08:16:25	08:16:52	08:16:55	08:17:35	00:00:27	00:01:09	75	300
	7	08:18:47	08:18:49	08:19:16	08:19:19	08:19:59	00:00:27	00:01:10		
	8	08:20:00	08:20:02	08:20:28	08:20:31	08:21:12	00:00:26	00:01:10		
	9	08:24:47	08:24:49	08:25:18	08:25:21	08:25:59	00:00:29	00:01:10		
	10	08:27:07	08:27:09	08:27:36	08:27:39	08:28:19	00:00:27	00:01:10		
08:30 - 08:45	11	08:30:47	08:30:49	08:31:18	08:31:21	08:32:03	00:00:29	00:01:14	104	416
	12	08:33:31	08:33:33	08:34:02	08:34:05	08:34:51	00:00:29	00:01:18		
	13	08:36:23	08:36:25	08:36:53	08:36:56	08:37:43	00:00:28	00:01:18		
	14	08:39:11	08:39:13	08:39:43	08:39:46	08:40:39	00:00:30	00:01:26		
	15	08:42:03	08:42:05	08:42:33	08:42:36	08:43:39	00:00:28	00:01:34		
08:45 - 09:00	16	08:45:06	08:45:08	08:45:31	08:45:34	08:46:34	00:00:23	00:01:26	76	304
	17	08:49:25	08:49:27	08:49:58	08:50:01	08:50:58	00:00:31	00:01:31		
	18	08:52:25	08:52:27	08:53:00	08:53:03	08:53:50	00:00:33	00:01:23		
	19	08:55:22	08:55:24	08:55:52	08:55:55	08:56:46	00:00:28	00:01:22		
	20	08:58:10	08:58:12	08:58:42	08:58:45	08:59:38	00:00:30	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:46	17:00:48	17:01:14	17:01:17	17:01:58	00:00:26	00:01:12	90	360
	2	17:03:18	17:03:12	17:03:40	17:03:43	17:04:22	00:00:28	00:01:10		
	3	17:06:50	17:06:52	17:07:17	17:07:20	17:08:10	00:00:25	00:01:18		
	4	17:10:49	17:10:51	17:11:18	17:11:21	17:12:09	00:00:27	00:01:18		
	5	17:13:47	17:13:34	17:14:00	17:14:03	17:15:02	00:00:26	00:01:18		
17:15 - 17:30	6	17:16:14	17:16:16	17:16:44	17:16:47	17:17:34	00:00:28	00:01:18	91	364
	7	17:18:54	17:18:56	17:19:24	17:19:27	17:20:15	00:00:28	00:01:19		
	8	17:21:47	17:21:49	17:22:26	17:22:29	17:23:16	00:00:37	00:01:27		
	9	17:24:44	17:24:46	17:25:22	17:25:25	17:26:12	00:00:36	00:01:26		
	10	17:27:39	17:27:41	17:28:20	17:28:23	17:29:07	00:00:39	00:01:26		
17:30 - 17:45	11	17:30:35	17:30:37	17:31:16	17:31:19	17:32:04	00:00:39	00:01:27	88	352
	12	17:33:00	17:33:02	17:33:37	17:33:40	17:34:28	00:00:35	00:01:26		
	13	17:37:55	17:37:57	17:38:36	17:38:39	17:39:23	00:00:39	00:01:26		
	14	17:40:51	17:40:53	17:41:30	17:41:33	17:42:23	00:00:37	00:01:30		
	15	17:43:56	17:43:58	17:44:34	17:44:37	17:45:23	00:00:36	00:01:25		
17:45 - 18:00	16	17:46:51	17:46:53	17:47:29	17:47:32	17:48:20	00:00:36	00:01:27	117	468
	17	17:49:46	17:49:48	17:50:24	17:50:27	17:51:14	00:00:36	00:01:26		
	18	17:52:43	17:52:45	17:53:23	17:53:26	17:54:11	00:00:38	00:01:26		
	19	17:55:39	17:55:41	17:56:16	17:56:19	17:57:10	00:00:35	00:01:29		
	20	17:58:38	17:58:40	17:59:16	17:59:19	18:00:10	00:00:36	00:01:30		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	55	220	00:01:10	00:00:29	0	0.00%	
08:15 - 08:30	75	300	00:01:10	00:00:27	0	0.00%	
08:30 - 08:45	104	416	00:01:22	00:00:29	0	0.00%	Average
08:45 - 09:00	76	304	00:01:26	00:00:29	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	90	360	00:01:15	00:00:26	0	0.00%	
17:15 - 17:30	91	364	00:01:23	00:00:34	0	0.00%	
17:30 - 17:45	88	352	00:01:27	00:00:37	0	0.00%	Average
17:45 - 18:00	117	468	00:01:28	00:00:36	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:17	0	0	0	0	0	0	0	0	0	0	06:01:20	0	0	0	0	0	0	0	0	0	0	06:02:00	00:01:04
0	0	0	0	0	0	0	0	0	06:03:27	0	0	0	0	0	0	0	0	0	0	06:03:30	0	0	0	0	0	0	0	0	0	0	06:04:08	00:01:02
0	0	0	0	0	0	0	0	0	06:10:59	0	0	0	0	0	0	0	0	0	0	06:11:02	0	0	0	0	0	0	0	0	0	0	06:11:36	00:00:58
0	0	0	0	0	0	0	0	0	06:17:13	0	0	0	0	0	0	0	0	0	0	06:17:16	0	0	0	0	0	0	0	0	0	0	06:17:56	00:01:03
0	0	0	0	0	0	0	0	0	06:20:27	0	0	0	0	0	0	0	0	0	0	06:20:30	0	0	0	0	0	0	0	0	0	0	06:21:08	00:01:02
0	0	0	0	0	0	0	0	0	06:24:41	0	0	0	0	0	0	0	0	0	0	06:24:44	0	0	0	0	0	0	0	0	0	0	06:25:20	00:00:58
0	0	0	0	0	0	0	0	0	06:27:55	0	0	0	0	0	0	0	0	0	0	06:27:58	0	0	0	0	0	0	0	0	0	0	06:28:41	00:01:07
0	0	0	0	0	0	0	0	0	06:33:10	0	0	0	0	0	0	0	0	0	0	06:33:13	0	0	0	0	0	0	0	0	0	0	06:33:49	00:00:58
0	0	0	0	0	0	0	0	0	06:40:43	0	0	0	0	0	0	0	0	0	0	06:40:46	0	0	0	0	0	0	0	0	0	0	06:41:29	00:01:06
0	0	0	0	0	0	0	0	0	06:45:04	0	0	0	0	0	0	0	0	0	0	06:45:07	0	0	0	0	0	0	0	0	0	0	06:45:45	00:01:01

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01081
Site Number: Site 50
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:00:54	0	0	0	0	0	0	0	0	0	0	06:00:56	3	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
2	06:03:04	0	0	0	0	0	0	0	0	0	0	06:03:06	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
3	06:10:36	0	0	0	0	0	0	0	0	0	0	06:10:38	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:16:52	0	0	0	0	0	0	0	0	0	0	06:16:54	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:20:04	0	0	0	0	0	0	0	0	0	0	06:20:06	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:24:20	0	0	0	0	0	0	0	0	0	0	06:24:22	1	0	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
7	06:27:32	0	0	0	0	0	0	0	0	0	0	06:27:34	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:32:49	0	0	0	0	0	0	0	0	0	0	06:32:51	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:40:21	0	0	0	0	0	0	0	0	0	0	06:40:23	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:44:42	0	0	0	0	0	0	0	0	0	0	06:44:44	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:00:38	08:00:40	08:01:07	08:01:10	08:01:54	00:00:27	00:01:14		
2	08:03:00	08:03:02	08:03:35	08:03:38	08:04:12	00:00:33	00:01:10		
08:00 - 08:15 3	08:05:24	08:05:26	08:05:54	08:05:57	08:06:33	00:00:28	00:01:07	46	184
4	08:07:52	08:07:54	08:08:24	08:08:27	08:09:00	00:00:30	00:01:06		
5	08:12:39	08:12:41	08:13:10	08:13:13	08:13:55	00:00:29	00:01:14		
6	08:16:23	08:16:25	08:16:52	08:16:55	08:17:35	00:00:27	00:01:09		
08:15 - 08:30 7	08:18:47	08:18:49	08:19:16	08:19:19	08:19:59	00:00:27	00:01:10	53	212
8	08:20:00	08:20:02	08:20:28	08:20:31	08:21:12	00:00:26	00:01:10		
9	08:24:47	08:24:49	08:25:18	08:25:21	08:25:59	00:00:29	00:01:10		
10	08:27:07	08:27:09	08:27:36	08:27:39	08:28:19	00:00:27	00:01:10		
11	08:30:47	08:30:49	08:31:18	08:31:21	08:32:03	00:00:29	00:01:14		
12	08:33:31	08:33:33	08:34:02	08:34:05	08:34:51	00:00:29	00:01:18		
08:30 - 08:45 13	08:36:23	08:36:25	08:36:53	08:36:56	08:37:43	00:00:28	00:01:18	39	156
14	08:39:11	08:39:13	08:39:43	08:39:46	08:40:39	00:00:30	00:01:26		
15	08:42:03	08:42:05	08:42:33	08:42:36	08:43:39	00:00:28	00:01:34		
16	08:45:06	08:45:08	08:45:31	08:45:34	08:46:34	00:00:23	00:01:26		
17	08:49:25	08:49:27	08:49:58	08:50:01	08:50:58	00:00:31	00:01:31		
08:45 - 09:00 18	08:52:25	08:52:27	08:53:00	08:53:03	08:53:50	00:00:33	00:01:23	46	184
19	08:55:22	08:55:24	08:55:52	08:55:55	08:56:46	00:00:28	00:01:22		
20	08:58:10	08:58:12	08:58:42	08:58:45	08:59:38	00:00:30	00:01:26		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:00:46	17:00:48	17:01:14	17:01:17	17:01:58	00:00:26	00:01:12		
2	17:03:18	17:03:12	17:03:40	17:03:43	17:04:22	00:00:28	00:01:04		
17:00 - 17:15 3	17:06:50	17:06:52	17:07:17	17:07:20	17:08:10	00:00:25	00:01:18	68	272
4	17:10:49	17:10:51	17:11:18	17:11:21	17:12:09	00:00:27	00:01:18		
5	17:12:53	17:13:34	17:14:00	17:14:03	17:14:57	00:00:26	00:01:18		
6	17:16:14	17:16:16	17:16:44	17:16:47	17:17:34	00:00:28	00:01:18		
17:15 - 17:30 7	17:18:54	17:18:56	17:19:24	17:19:27	17:20:15	00:00:28	00:01:19	49	196
8	17:21:47	17:21:49	17:22:26	17:22:29	17:23:16	00:00:37	00:01:27		
9	17:24:44	17:24:46	17:25:22	17:25:25	17:26:12	00:00:36	00:01:26		
10	17:27:39	17:27:41	17:28:20	17:28:23	17:29:07	00:00:39	00:01:26		
11	17:30:35	17:30:37	17:31:16	17:31:19	17:32:04	00:00:39	00:01:27		
12	17:33:00	17:33:02	17:33:37	17:33:40	17:34:28	00:00:35	00:01:26		
17:30 - 17:45 13	17:37:55	17:37:57	17:38:36	17:38:39	17:39:23	00:00:39	00:01:26	61	244
14	17:40:51	17:40:53	17:41:30	17:41:33	17:42:23	00:00:37	00:01:30		
15	17:43:56	17:43:58	17:44:34	17:44:37	17:45:23	00:00:36	00:01:25		
16	17:46:51	17:46:53	17:47:29	17:47:32	17:48:20	00:00:36	00:01:27		
17:45 - 18:00 17	17:49:46	17:49:48	17:50:24	17:50:27	17:51:14	00:00:36	00:01:26		
18	17:52:43	17:52:45	17:53:23	17:53:26	17:54:11	00:00:38	00:01:26		
19	17:55:39	17:55:41	17:56:10	17:56:13	17:57:10	00:00:35	00:01:29		
20	17:58:38	17:58:40	17:59:16	17:59:19	18:00:10	00:00:36	00:01:30		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	46	184	00:01:10	00:00:29	0	0.00%	
08:15 - 08:30	53	212	00:01:10	00:00:27	0	0.00%	
08:30 - 08:45	39	156	00:01:22	00:00:29	0	0.00%	Average
08:45 - 09:00	46	184	00:01:26	00:00:29	0	0.00%	0.00%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	68	272	00:01:15	00:00:26	0	0.00%	
17:15 - 17:30	49	196	00:01:23	00:00:34	0	0.00%	
17:30 - 17:45	61	244	00:01:27	00:00:37	0	0.00%	Average
17:45 - 18:00	69	276	00:01:28	00:00:36	0	0.00%	0.00%

intelligentdata

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:17	0	0	0	0	0	0	0	0	0	0	06:01:20	0	0	0	0	0	0	0	0	0	0	06:02:00	00:01:04
0	0	0	0	0	0	0	0	0	06:03:27	0	0	0	0	0	0	0	0	0	0	06:03:30	0	0	0	0	0	0	0	0	0	0	06:04:08	00:01:02
0	0	0	0	0	0	0	0	0	06:10:59	0	0	0	0	0	0	0	0	0	0	06:11:02	0	0	0	0	0	0	0	0	0	0	06:11:36	00:00:58
0	0	0	0	0	0	0	0	0	06:17:13	0	0	0	0	0	0	0	0	0	0	06:17:16	0	0	0	0	0	0	0	0	0	0	06:17:56	00:01:03
0	0	0	0	0	0	0	0	0	06:20:27	0	0	0	0	0	0	0	0	0	0	06:20:30	0	0	0	0	0	0	0	0	0	0	06:21:08	00:01:02
0	0	0	0	0	0	0	0	0	06:24:41	0	0	0	0	0	0	0	0	0	0	06:24:44	0	0	0	0	0	0	0	0	0	0	06:25:20	00:00:58
0	0	0	0	0	0	0	0	0	06:27:55	0	0	0	0	0	0	0	0	0	0	06:27:58	0	0	0	0	0	0	0	0	0	0	06:28:41	00:01:07
0	0	0	0	0	0	0	0	0	06:33:10	0	0	0	0	0	0	0	0	0	0	06:33:13	0	0	0	0	0	0	0	0	0	0	06:33:49	00:00:58
0	0	0	0	0	0	0	0	0	06:40:43	0	0	0	0	0	0	0	0	0	0	06:40:46	0	0	0	0	0	0	0	0	0	0	06:41:29	00:01:06
0	0	0	0	0	0	0	0	0	06:45:04	0	0	0	0	0	0	0	0	0	0	06:45:07	0	0	0	0	0	0	0	0	0	0	06:45:45	00:01:01

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 50
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:22:43	0	0	0	0	0	0	0	0	0	0	06:22:45	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
2	06:33:24	0	0	0	0	0	0	0	0	0	0	06:33:26	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:34:17	0	0	0	0	0	0	0	0	0	0	06:34:19	4	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
4	06:37:40	0	0	0	0	0	0	0	0	0	0	06:37:42	4	0	1	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:38:41	0	0	0	0	0	0	0	0	0	0	06:38:43	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:39:48	0	0	0	0	0	0	0	0	0	0	06:39:50	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:49:29	0	0	0	0	0	0	0	0	0	0	06:49:31	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:50:36	0	0	0	0	0	0	0	0	0	0	06:50:38	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:56:52	0	0	0	0	0	0	0	0	0	0	06:56:54	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
10	06:59:15	0	0	0	0	0	0	0	0	0	0	06:59:17	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	08:01:20	08:01:22	08:01:50	08:01:53	08:02:28	00:00:28	00:01:06		
	2	08:03:36	08:03:38	08:04:08	08:04:11	08:04:55	00:00:30	00:01:17		
08:00 - 08:15	3	08:04:55	08:04:57	08:05:20	08:05:23	08:06:09	00:00:23	00:01:12	52	208
	4	08:08:35	08:08:37	08:08:56	08:08:59	08:09:42	00:00:19	00:01:05		
	5	08:12:06	08:12:08	08:12:35	08:12:38	08:13:15	00:00:27	00:01:07		
	6	08:15:47	08:15:49	08:16:19	08:16:22	08:17:06	00:00:30	00:01:17		
	7	08:19:30	08:19:32	08:19:55	08:19:58	08:20:42	00:00:23	00:01:10		
08:15 - 08:30	8	08:21:47	08:21:49	08:22:18	08:22:21	08:23:06	00:00:29	00:01:17	56	224
	9	08:25:23	08:25:25	08:25:55	08:25:58	08:26:42	00:00:30	00:01:17		
	10	08:27:50	08:27:52	08:28:15	08:28:18	08:28:55	00:00:23	00:01:03		
	11	08:30:11	08:30:13	08:30:43	08:30:46	08:31:23	00:00:30	00:01:10		
	12	08:34:07	08:34:09	08:34:47	08:34:50	08:35:37	00:00:38	00:01:26		
08:30 - 08:45	13	08:37:07	08:37:09	08:37:39	08:37:42	08:38:29	00:00:30	00:01:20	73	292
	14	08:39:57	08:39:59	08:40:35	08:40:38	08:41:21	00:00:36	00:01:22		
	15	08:42:46	08:42:48	08:43:35	08:43:38	08:44:20	00:00:47	00:01:32		
	16	08:45:45	08:45:47	08:46:30	08:46:33	08:47:18	00:00:43	00:01:31		
	17	08:50:12	08:50:14	08:50:54	08:50:57	08:51:44	00:00:40	00:01:30		
08:45 - 09:00	18	08:53:05	08:53:07	08:53:46	08:53:49	08:54:29	00:00:39	00:01:22	59	236
	19	08:56:06	08:56:08	08:56:42	08:56:45	08:57:24	00:00:34	00:01:16		
	20	08:58:56	08:58:58	08:59:35	08:59:38	09:00:16	00:00:37	00:01:18		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
	1	17:01:28	17:01:30	17:01:54	17:01:57	17:02:32	00:00:24	00:01:02		
	2	17:03:45	17:03:47	17:04:18	17:04:21	17:04:59	00:00:31	00:01:12		
17:00 - 17:15	3	17:06:10	17:06:12	17:06:46	17:06:49	17:07:32	00:00:34	00:01:20	74	296
	4	17:10:05	17:10:07	17:10:46	17:10:49	17:11:32	00:00:39	00:01:25		
	5	17:12:52	17:12:54	17:13:28	17:13:31	17:14:13	00:00:34	00:01:19		
	6	17:15:35	17:15:35	17:16:09	17:16:12	17:16:48	00:00:34	00:01:13		
	7	17:18:15	17:18:17	17:18:49	17:18:52	17:19:28	00:00:32	00:01:11		
17:15 - 17:30	8	17:22:39	17:22:41	17:23:11	17:23:14	17:24:00	00:00:30	00:01:19	54	216
	9	17:25:35	17:25:37	17:26:07	17:26:10	17:27:03	00:00:30	00:01:26		
	10	17:28:24	17:28:26	17:29:03	17:29:06	17:29:59	00:00:37	00:01:33		
	11	17:31:20	17:31:22	17:31:59	17:32:02	17:32:55	00:00:37	00:01:33		
	12	17:35:51	17:35:53	17:36:23	17:36:26	17:37:13	00:00:30	00:01:20		
17:30 - 17:45	13	17:38:40	17:38:42	17:39:19	17:39:22	17:40:15	00:00:37	00:01:33	63	252
	14	17:41:44	17:41:46	17:42:19	17:42:22	17:43:15	00:00:33	00:01:29		
	15	17:44:48	17:44:50	17:45:19	17:45:22	17:46:09	00:00:29	00:01:19		
	16	17:47:43	17:47:45	17:48:15	17:48:18	17:49:11	00:00:30	00:01:26		
	17	17:50:38	17:50:40	17:51:10	17:51:13	17:52:07	00:00:30	00:01:27		
17:45 - 18:00	18	17:53:27	17:53:29	17:54:06	17:54:09	17:55:02	00:00:37	00:01:33		
	19	17:56:30	17:56:32	17:57:07	17:57:10	17:58:02	00:00:35	00:01:30		
	20	17:58:02	17:58:04	17:58:34	17:58:37	17:59:30	00:00:30	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	52	208	00:01:09	00:00:25	0	0.00%	
08:15 - 08:30	56	224	00:01:13	00:00:27	0	0.00%	
08:30 - 08:45	73	292	00:01:26	00:00:36	0	0.00%	Average
08:45 - 09:00	59	236	00:01:23	00:00:39	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	74	296	00:01:16	00:00:32	0	0.00%	
17:15 - 17:30	54	216	00:01:20	00:00:33	0	0.00%	
17:30 - 17:45	63	252	00:01:27	00:00:33	0	0.00%	Average
17:45 - 18:00	47	188	00:01:28	00:00:32	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:23:08	0	0	0	0	0	0	0	0	0	0	06:23:11	0	0	0	0	0	0	0	0	0	0	06:23:47	00:01:02
0	0	0	0	0	0	0	0	0	06:33:45	0	0	0	0	0	0	0	0	0	0	06:33:48	0	0	0	0	0	0	0	0	0	0	06:34:17	00:00:51
0	0	0	0	0	0	0	0	0	06:34:53	0	0	0	0	0	0	0	0	0	0	06:34:56	0	0	0	0	0	0	0	0	0	0	06:35:32	00:01:13
0	0	0	0	0	0	0	0	0	06:38:09	0	0	0	0	0	0	0	0	0	0	06:38:12	0	0	0	0	0	0	0	0	0	0	06:38:41	00:00:59
0	0	0	0	0	0	0	0	0	06:39:09	0	0	0	0	0	0	0	0	0	0	06:39:12	0	0	0	0	0	0	0	0	0	0	06:39:48	00:01:05
0	0	0	0	0	0	0	0	0	06:40:17	0	0	0	0	0	0	0	0	0	0	06:40:20	0	0	0	0	0	0	0	0	0	0	06:40:57	00:01:07
0	0	0	0	0	0	0	0	0	06:49:57	0	0	0	0	0	0	0	0	0	0	06:50:00	0	0	0	0	0	0	0	0	0	0	06:50:36	00:01:05
0	0	0	0	0	0	0	0	0	06:51:05	0	0	0	0	0	0	0	0	0	0	06:51:08	0	0	0	0	0	0	0	0	0	0	06:51:46	00:01:08
0	0	0	0	0	0	0	0	0	06:57:28	0	0	0	0	0	0	0	0	0	0	06:57:31	0	0	0	0	0	0	0	0	0	0	06:58:00	00:01:06
0	0	0	0	0	0	0	0	0	06:59:40	0	0	0	0	0	0	0	0	0	0	06:59:43	0	0	0	0	0	0	0	0	0	0	07:00:12	00:00:55

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 50
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand*† (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:22:43	0	0	0	0	0	0	0	0	0	0	06:22:45	0	0	2	0	0	0	0	0	0	2	06:22:52	5	0	2	0	0	0	0	1	0	7	06:23:05	0
2	06:33:24	0	0	0	0	0	0	0	0	0	0	06:33:26	1	0	0	0	0	0	0	0	0	1	06:33:33	3	2	1	0	0	0	0	0	0	6	06:33:43	0
3	06:34:17	0	0	0	0	0	0	0	0	0	0	06:34:19	2	0	0	0	0	0	0	1	0	2	06:34:26	4	0	3	0	0	0	0	0	2	7	06:34:42	1
4	06:37:40	0	0	0	0	0	0	0	0	0	0	06:37:42	1	0	1	0	0	0	0	1	0	2	06:37:51	6	0	1	0	0	0	0	4	0	9	06:38:08	0
5	06:38:41	0	0	0	0	0	0	0	0	0	0	06:38:43	3	0	0	0	0	0	0	0	0	3	06:38:55	3	0	3	0	0	0	0	0	0	6	06:39:07	0
6	06:39:48	0	0	0	0	0	0	0	0	0	0	06:39:50	1	0	0	1	0	0	0	0	0	3	06:39:58	7	0	0	2	0	0	0	0	0	10	06:40:16	0
7	06:49:29	0	0	0	0	0	0	0	0	0	0	06:49:31	1	0	1	0	0	0	0	0	0	2	06:49:39	6	1	1	0	0	0	0	0	0	8	06:49:55	0
8	06:50:36	0	0	0	0	0	0	0	0	0	0	06:50:38	1	0	1	1	0	0	0	0	0	4	06:50:52	5	1	1	0	0	0	0	0	0	7	06:51:05	0
9	06:56:52	0	0	0	0	0	0	0	0	0	0	06:56:54	1	0	2	0	0	0	0	1	0	3	06:57:05	3	1	1	0	0	0	0	0	0	11	06:57:26	0
10	06:59:15	0	0	0	0	0	0	0	0	0	0	06:59:17	1	0	1	0	0	0	0	0	0	2	06:59:23	4	0	2	1	0	0	0	0	1	8	06:59:38	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:20	08:01:22	08:01:50	08:01:53	08:02:28	00:00:28	00:01:06	131	524
	2	08:03:36	08:03:38	08:04:08	08:04:11	08:04:55	00:00:30	00:01:17		
	3	08:04:55	08:04:57	08:05:20	08:05:23	08:06:09	00:00:23	00:01:12		
	4	08:08:35	08:08:37	08:08:56	08:08:59	08:09:42	00:00:19	00:01:05		
	5	08:12:36	08:12:08	08:12:35	08:12:38	08:13:15	00:00:27	00:01:07		
08:15 - 08:30	6	08:15:47	08:15:49	08:16:19	08:16:22	08:17:06	00:00:30	00:01:17	105	420
	7	08:19:30	08:19:32	08:19:55	08:19:58	08:20:42	00:00:23	00:01:10		
	8	08:21:47	08:21:49	08:22:18	08:22:21	08:23:06	00:00:29	00:01:17		
	9	08:25:23	08:25:25	08:25:55	08:25:58	08:26:42	00:00:30	00:01:17		
	10	08:27:50	08:27:52	08:28:15	08:28:18	08:28:55	00:00:23	00:01:03		
08:30 - 08:45	11	08:30:11	08:30:13	08:30:43	08:30:46	08:31:23	00:00:30	00:01:01	106	424
	12	08:34:07	08:34:09	08:34:47	08:34:50	08:35:37	00:00:38	00:01:28		
	13	08:37:07	08:37:09	08:37:39	08:37:42	08:38:29	00:00:30	00:01:20		
	14	08:39:57	08:39:59	08:40:35	08:40:38	08:41:21	00:00:36	00:01:22		
	15	08:42:46	08:42:48	08:43:35	08:43:38	08:44:20	00:00:47	00:01:32		
	16	08:45:45	08:45:47	08:46:30	08:46:33	08:47:18	00:00:43	00:01:31		
08:45 - 09:00	17	08:50:12	08:50:14	08:50:54	08:50:57	08:51:44	00:00:40	00:01:30	135	540
	18	08:53:05	08:53:07	08:53:46	08:53:49	08:54:29	00:00:39	00:01:22		
	19	08:56:06	08:56:08	08:56:42	08:56:45	08:57:24	00:00:34	00:01:16		
	20	08:58:56	08:58:58	08:59:35	08:59:38	09:00:16	00:00:37	00:01:18		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:01:28	17:01:30	17:01:54	17:01:57	17:02:32	00:00:24	00:01:02	85	340
	2	17:03:45	17:03:47	17:04:18	17:04:21	17:04:59	00:00:31	00:01:12		
	3	17:06:10	17:06:12	17:06:46	17:06:49	17:07:32	00:00:34	00:01:20		
	4	17:10:05	17:10:07	17:10:46	17:10:49	17:11:32	00:00:39	00:01:25		
	5	17:12:52	17:12:54	17:13:28	17:13:31	17:14:13	00:00:34	00:01:21		
17:15 - 17:30	6	17:15:33	17:15:35	17:16:09	17:16:12	17:16:48	00:00:34	00:01:15	81	324
	7	17:18:15	17:18:17	17:18:49	17:18:52	17:19:28	00:00:32	00:01:13		
	8	17:22:39	17:22:41	17:23:11	17:23:14	17:24:00	00:00:30	00:01:19		
	9	17:25:35	17:25:37	17:26:07	17:26:10	17:27:01	00:00:30	00:01:26		
	10	17:28:24	17:28:26	17:29:03	17:29:06	17:29:59	00:00:37	00:01:33		
17:30 - 17:45	11	17:31:20	17:31:22	17:31:59	17:32:02	17:32:55	00:00:37	00:01:33	96	384
	12	17:35:51	17:35:53	17:36:23	17:36:26	17:37:13	00:00:30	00:01:20		
	13	17:38:40	17:38:42	17:39:19	17:39:22	17:40:15	00:00:37	00:01:33		
	14	17:41:44	17:41:46	17:42:19	17:42:22	17:43:15	00:00:33	00:01:29		
	15	17:44:48	17:44:50	17:45:19	17:45:22	17:46:09	00:00:29	00:01:19		
17:45 - 18:00	16	17:47:43	17:47:45	17:48:15	17:48:18	17:49:11	00:00:30	00:01:26	91	364
	17	17:50:38	17:50:40	17:51:10	17:51:13	17:52:07	00:00:30	00:01:27		
	18	17:53:27	17:53:29	17:54:06	17:54:09	17:55:02	00:00:37	00:01:33		
	19	17:56:30	17:56:32	17:57:07	17:57:10	17:58:02	00:00:35	00:01:30		
	20	17:58:02	17:58:04	17:58:34	17:58:37	17:59:30	00:00:30	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
7	00:00:13	2049	
6	00:00:10	2304	
7	00:00:16	1665	
9	00:00:17	1821	
6	00:00:12	1800	
10	00:00:18	2000	
8	00:00:16	1800	
7	00:00:13	1938	
11	00:00:21	1800	Average
8	00:00:15	1948	1903

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	131	524	00:01:09	00:00:25	1903	75.25%	
08:15 - 08:30	105	420	00:01:13	00:00:27	1903	59.52%	
08:30 - 08:45	106	424	00:01:22	00:00:36	1903	50.73%	Average
08:45 - 09:00	135	540	00:01:23	00:00:39	1903	61.32%	61.71%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	85	340	00:01:16	00:00:32	1903	41.70%	
17:15 - 17:30	81	324	00:01:20	00:00:33	1903	42.05%	
17:30 - 17:45	96	384	00:01:27	00:00:33	1903	52.77%	Average
17:45 - 18:00	91	364	00:01:28	00:00:32	1903	52.20%	47.17%

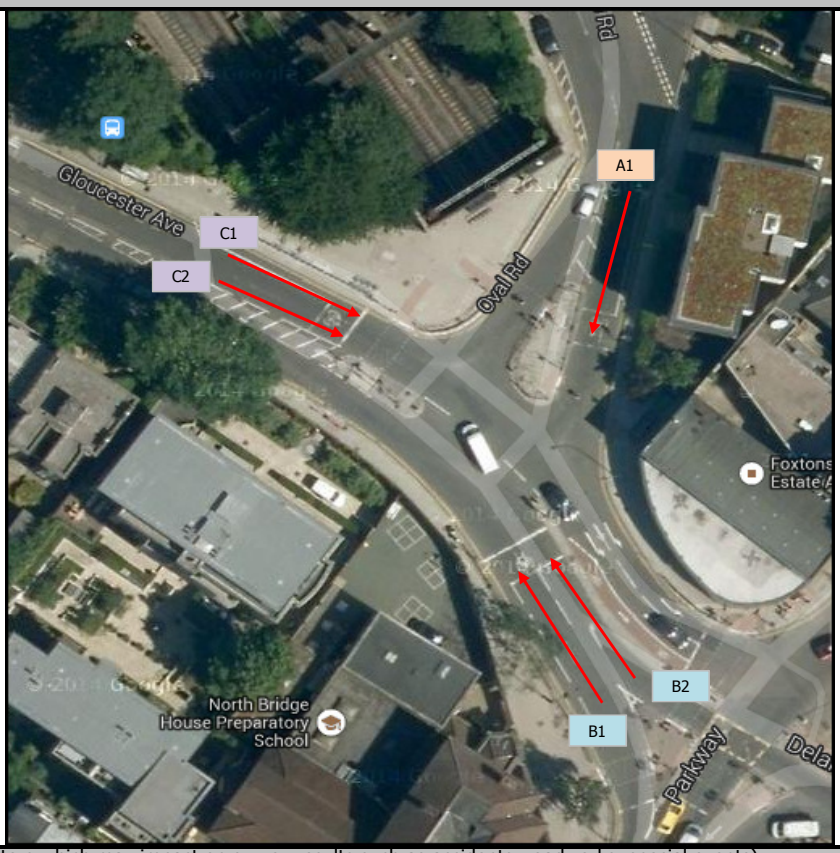
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:23:08	1	0	1	0	0	0	0	0	0	2	06:23:11	0	0	0	0	0	0	0	0	0	06:23:47	00:01:02
0	0	0	0	0	0	0	0	0	06:33:45	2	0	0	0	0	0	0	0	0	2	06:33:48	0	0	0	0	0	0	0	0	0	06:34:17	00:00:51
1	0	0	0	0	0	0	0	2	06:34:53	0	0	1	0	0	0	0	0	0	1	06:34:56	0	0	0	0	0	0	0	0	0	06:35:32	00:01:13
0	0	0	0	0	0	0	0	0	06:38:09	2	0	0	0	0	0	0	0	0	2	06:38:12	0	0	0	0	0	0	0	0	0	06:38:41	00:00:59
0	0	0	0	0	0	0	0	0	06:39:09	1	0	0	0	0	0	0	0	0	1	06:39:12	0	1	0	0	0	0	0	0	1	06:39:48	00:01:05
0	0	0	0	0	0	0	0	0	06:40:17	1	0	0	0	0	0	0	0	0	1	06:40:20	1	0	0	0	0	0	0	0	1	06:40:57	00:01:07
0	0	0	0	0	0	0	0	0	06:40:57	1	0	1	0	0	0	0	0	0	2	06:50:00	0	0	0	0	0	0	0	0	0	06:50:36	00:01:05
0	0	0	0	0	0	0	0	0	06:51:05	1	0	0	0	0	0	0	0	0	1	06:51:08	0	0	0	0	0	0	0	0	0	06:51:46	00:01:08
0	0	0	0	0	0	0	0	0	06:57:28	1	0	0	0	0	0	0	0	0	1	06:57:31	0	1	0	0	0	0	0	0	1	06:58:00	00:01:06
0	0	0	0	0	0	0	0	0	06:59:40	1	0	1	0	0	0	0	0	0	2	06:59:43	0	1	0	0	0	0	0	0	1	07:00:12	00:00:55

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 118
Date of Survey: 10.06.2014
Junction Name: Oval Road / Regents Park Road
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.537088	-0.146747	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Signals B1/2 were not visible. Signal times based on Arm C times

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 118
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:52	0	0	0	0	0	0	0	0	0	0	06:01:54	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:10:24	0	0	0	0	0	0	0	0	0	0	06:10:26	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:17:56	0	0	0	0	0	0	0	0	0	0	06:17:58	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:28:36	0	0	0	0	0	0	0	0	0	0	06:28:38	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:32:56	0	0	0	0	0	0	0	0	0	0	06:32:58	3	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0		0
6	06:39:20	0	0	0	0	0	0	0	0	0	0	06:39:22	2	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:44:50	0	0	0	0	0	0	0	0	0	0	06:44:52	3	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:49:02	0	0	0	0	0	0	0	0	0	0	06:49:04	1	1	1	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:53:16	0	0	0	0	0	0	0	0	0	0	06:53:18	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
10	06:58:36	0	0	0	0	0	0	0	0	0	0	06:58:38	2	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:47	08:01:49	08:02:04	08:02:07	08:02:58	00:00:15	00:01:09	52	208
	2	08:04:11	08:04:13	08:04:28	08:04:31	08:05:22	00:00:15	00:01:09		
	3	08:07:46	08:07:48	08:08:04	08:08:07	08:08:58	00:00:16	00:01:10		
	4	08:10:11	08:10:13	08:10:25	08:10:28	08:11:23	00:00:12	00:01:10		
	5	08:12:35	08:12:37	08:12:48	08:12:51	08:13:47	00:00:11	00:01:10		
08:15 - 08:30	6	08:16:11	08:16:13	08:16:27	08:16:30	08:17:23	00:00:14	00:01:10	70	280
	7	08:18:34	08:18:36	08:18:49	08:18:52	08:19:47	00:00:13	00:01:11		
	8	08:22:13	08:22:15	08:22:28	08:22:31	08:23:25	00:00:13	00:01:10		
	9	08:25:50	08:25:52	08:26:07	08:26:10	08:27:02	00:00:15	00:01:10		
	10	08:28:14	08:28:16	08:28:35	08:28:38	08:29:26	00:00:19	00:01:10		
08:30 - 08:45	11	08:30:38	08:30:40	08:30:51	08:30:54	08:31:50	00:00:11	00:01:10	80	320
	12	08:34:29	08:34:31	08:34:44	08:34:47	08:35:37	00:00:13	00:01:26		
	13	08:37:25	08:37:27	08:37:39	08:37:42	08:38:54	00:00:12	00:01:27		
	14	08:40:21	08:40:23	08:40:36	08:40:39	08:41:50	00:00:13	00:01:27		
	15	08:43:18	08:43:20	08:43:32	08:43:35	08:44:45	00:00:12	00:01:25		
08:45 - 09:00	16	08:46:13	08:46:15	08:46:27	08:46:30	08:47:41	00:00:12	00:01:26	76	304
	17	08:50:39	08:50:41	08:50:52	08:50:55	08:52:06	00:00:11	00:01:25		
	18	08:53:34	08:53:36	08:53:47	08:53:50	08:55:02	00:00:11	00:01:26		
	19	08:56:29	08:56:31	08:56:47	08:56:50	08:57:58	00:00:16	00:01:27		
	20	08:59:26	08:59:28	08:59:43	08:59:46	09:00:54	00:00:15	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:25	17:00:27	17:00:38	17:00:41	17:01:36	00:00:11	00:01:09	42	168
	2	17:04:00	17:04:02	17:04:17	17:04:20	17:05:13	00:00:15	00:01:11		
	3	17:06:25	17:06:27	17:06:39	17:06:42	17:07:45	00:00:12	00:01:18		
	4	17:10:24	17:10:26	17:10:38	17:10:41	17:11:44	00:00:12	00:01:18		
	5	17:13:05	17:13:07	17:13:21	17:13:24	17:14:24	00:00:14	00:01:17		
17:15 - 17:30	6	17:15:45	17:15:47	17:15:58	17:16:01	17:17:05	00:00:11	00:01:18	35	140
	7	17:19:44	17:19:46	17:20:01	17:20:04	17:21:12	00:00:15	00:01:26		
	8	17:22:40	17:22:42	17:22:57	17:23:00	17:24:09	00:00:15	00:01:27		
	9	17:25:36	17:25:38	17:25:53	17:25:56	17:27:04	00:00:15	00:01:26		
	10	17:28:32	17:28:34	17:28:46	17:28:49	17:30:00	00:00:12	00:01:26		
17:30 - 17:45	11	17:31:28	17:31:30	17:31:42	17:31:45	17:32:56	00:00:12	00:01:26	51	204
	12	17:34:24	17:34:26	17:34:39	17:34:42	17:35:52	00:00:13	00:01:26		
	13	17:38:48	17:38:50	17:39:05	17:39:08	17:40:16	00:00:15	00:01:26		
	14	17:41:44	17:41:46	17:41:58	17:42:01	17:43:13	00:00:12	00:01:27		
	15	17:43:13	17:43:15	17:43:29	17:43:32	17:44:40	00:00:14	00:01:25		
17:45 - 18:00	16	17:46:08	17:46:10	17:46:25	17:46:28	17:47:36	00:00:15	00:01:26	43	172
	17	17:49:04	17:49:06	17:49:18	17:49:21	17:50:32	00:00:12	00:01:26		
	18	17:52:00	17:52:02	17:52:17	17:52:20	17:53:28	00:00:15	00:01:26		
	19	17:54:56	17:54:58	17:55:11	17:55:14	17:56:25	00:00:13	00:01:27		
	20	17:57:52	17:57:54	17:58:06	17:58:09	17:59:20	00:00:12	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	52	208	00:01:10	00:00:14	0	0.00%	
08:15 - 08:30	70	280	00:01:10	00:00:15	0	0.00%	
08:30 - 08:45	80	320	00:01:23	00:00:12	0	0.00%	Average
08:45 - 09:00	76	304	00:01:26	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	42	168	00:01:15	00:00:13	0	0.00%	
17:15 - 17:30	35	140	00:01:25	00:00:14	0	0.00%	
17:30 - 17:45	51	204	00:01:26	00:00:13	0	0.00%	Average
17:45 - 18:00	43	172	00:01:26	00:00:13	0	0.00%	0.00%

intelligentdata

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:02:10	0	0	0	0	0	0	0	0	0	0	06:02:13	0	0	0	0	0	0	0	0	0	0	06:02:56	00:01:02
0	0	0	0	0	0	0	0	0	06:10:42	0	0	0	0	0	0	0	0	0	0	06:10:45	0	0	0	0	0	0	0	0	0	0	06:11:28	00:01:02
0	0	0	0	0	0	0	0	0	06:18:14	0	0	0	0	0	0	0	0	0	0	06:18:17	0	0	0	0	0	0	0	0	0	0	06:19:00	00:01:02
0	0	0	0	0	0	0	0	0	06:28:53	0	0	1	0	0	0	0	0	0	1	06:28:56	0	0	0	0	0	0	0	0	0	0	06:29:40	00:01:03
0	0	0	0	0	0	0	0	0	06:33:14	0	0	0	0	0	0	0	0	0	0	06:33:17	0	0	0	0	0	0	0	0	1	0	06:34:00	00:01:02
0	0	0	0	0	0	0	0	0	06:39:38	0	0	0	0	0	0	0	0	0	0	06:39:41	0	0	0	0	0	0	0	0	0	0	06:40:24	00:01:02
0	0	0	0	0	0	0	0	0	06:44:58	0	0	0	0	0	0	0	0	0	0	06:45:01	0	0	0	0	0	0	0	0	0	0	06:45:44	00:01:02
0	0	0	0	0	0	0	0	0	06:49:18	0	0	0	0	0	0	0	0	0	0	06:49:21	0	0	0	0	0	0	0	0	0	0	06:50:06	00:01:02
0	0	0	0	0	0	0	0	0	06:53:34	0	0	0	0	0	0	0	0	0	0	06:53:37	0	0	0	0	0	0	0	0	0	0	06:54:20	00:01:02
0	0	0	0	0	0	0	0	0	06:58:54	1	0	0	0	0	0	0	0	0	0	06:58:57	0	0	0	0	0	0	0	0	0	0	06:59:42	00:01:04

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 118
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:11:15	0	0	0	0	0	0	0	0	0	0	06:11:17	2	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:15:36	0	0	0	0	0	0	0	0	0	0	06:15:38	1	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:22:00	0	0	0	0	0	0	0	0	0	0	06:22:02	3	1	0	0	0	1	0	1	1	6		0	0	0	0	0	0	0	0	0	0		0
4	06:31:40	0	0	0	0	0	0	0	0	0	0	06:31:42	4	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:37:00	0	0	0	0	0	0	0	0	0	0	06:37:02	1	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:45:32	0	0	0	0	0	0	0	0	0	0	06:45:34	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:49:52	0	0	0	0	0	0	0	0	0	0	06:49:54	0	0	1	0	0	0	0	1	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:52:00	0	0	0	0	0	0	0	0	0	0	06:52:02	0	0	2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:55:12	0	0	0	0	0	0	0	0	0	0	06:55:14	2	0	0	0	0	1	0	1	0	4		0	0	0	0	0	0	0	0	0	0		0
10	06:58:24	0	0	0	0	0	0	0	0	0	0	06:58:26	1	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:34	08:01:36	08:02:13	08:02:16	08:02:46	00:00:37	00:01:10	84	336
	2	08:03:58	08:04:00	08:04:37	08:04:40	08:05:10	00:00:37	00:01:10		
	3	08:07:34	08:07:36	08:08:13	08:08:16	08:08:45	00:00:37	00:01:09		
	4	08:10:24	08:10:26	08:11:03	08:11:06	08:11:10	00:00:37	00:00:44		
	5	08:12:47	08:12:49	08:13:26	08:13:29	08:13:34	00:00:37	00:00:45		
08:15 - 08:30	6	08:15:58	08:16:00	08:16:37	08:16:40	08:17:36	00:00:37	00:01:35	88	352
	7	08:20:00	08:20:02	08:20:39	08:20:42	08:21:11	00:00:37	00:01:09		
	8	08:22:27	08:22:29	08:23:06	08:23:09	08:23:39	00:00:37	00:01:10		
	9	08:24:51	08:24:53	08:25:30	08:25:33	08:25:37	00:00:37	00:00:44		
	10	08:27:15	08:27:17	08:27:54	08:27:57	08:28:01	00:00:37	00:00:44		
08:30 - 08:45	11	08:33:22	08:33:24	08:34:01	08:34:04	08:34:43	00:00:37	00:01:19	100	400
	12	08:36:11	08:36:13	08:36:50	08:36:53	08:37:38	00:00:37	00:01:25		
	13	08:37:39	08:37:41	08:38:18	08:38:21	08:39:07	00:00:37	00:01:26		
	14	08:40:36	08:40:38	08:41:15	08:41:18	08:42:03	00:00:37	00:01:25		
	15	08:43:31	08:43:33	08:44:10	08:44:13	08:44:59	00:00:37	00:01:26		
08:45 - 09:00	16	08:46:27	08:46:29	08:47:06	08:47:09	08:47:54	00:00:37	00:01:25	110	440
	17	08:49:22	08:49:24	08:50:01	08:50:04	08:50:51	00:00:37	00:01:27		
	18	08:53:47	08:53:49	08:54:26	08:54:29	08:55:15	00:00:37	00:01:26		
	19	08:56:17	08:56:19	08:56:56	08:56:59	08:98:11	00:00:37	00:01:52		
	20	08:59:13	08:59:15	08:59:52	08:59:55	09:00:41	00:00:37	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:38	17:00:40	17:01:17	17:01:20	17:01:24	00:00:37	00:00:44	91	364
	2	17:03:48	17:03:50	17:04:27	17:04:30	17:05:25	00:00:37	00:01:35		
	3	17:06:37	17:06:39	17:07:16	17:07:19	17:07:31	00:00:37	00:00:52		
	4	17:10:36	17:10:40	17:11:17	17:11:20	17:11:57	00:00:37	00:01:17		
	5	17:12:51	17:12:53	17:13:30	17:13:33	17:14:37	00:00:37	00:01:44		
17:15 - 17:30	6	17:15:57	17:15:59	17:16:36	17:16:39	17:17:39	00:00:37	00:01:20	98	392
	7	17:19:31	17:19:34	17:20:11	17:20:14	17:21:26	00:00:37	00:01:52		
	8	17:22:28	17:22:30	17:23:07	17:23:10	17:24:22	00:00:37	00:01:52		
	9	17:25:24	17:25:26	17:26:03	17:26:06	17:26:51	00:00:37	00:01:25		
	10	17:28:45	17:28:47	17:29:24	17:29:27	17:29:47	00:00:37	00:01:00		
17:30 - 17:45	11	17:31:42	17:31:44	17:32:21	17:32:24	17:33:09	00:00:37	00:01:25	91	364
	12	17:34:38	17:34:40	17:35:17	17:35:20	17:35:39	00:00:37	00:00:59		
	13	17:38:35	17:38:37	17:39:14	17:39:17	17:40:30	00:00:37	00:01:53		
	14	17:41:57	17:41:59	17:42:36	17:42:39	17:42:59	00:00:37	00:01:00		
	15	17:44:53	17:44:55	17:45:32	17:45:35	17:45:56	00:00:37	00:01:01		
17:45 - 18:00	16	17:47:24	17:47:26	17:48:03	17:48:06	17:49:17	00:00:37	00:01:51	109	436
	17	17:50:20	17:50:22	17:50:59	17:51:02	17:51:40	00:00:37	00:01:27		
	18	17:53:42	17:53:44	17:54:21	17:54:24	17:55:11	00:00:37	00:01:27		
	19	17:56:12	17:56:14	17:56:51	17:56:54	17:58:06	00:00:37	00:01:52		
	20	17:59:07	17:59:09	17:59:46	17:59:49	18:00:35	00:00:37	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	84	336	00:01:00	00:00:37	0	0.00%	
08:15 - 08:30	88	352	00:01:05	00:00:37	0	0.00%	
08:30 - 08:45	100	400	00:01:24	00:00:37	0	0.00%	Average
08:45 - 09:00	110	440	00:01:31	00:00:37	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	91	364	00:01:14	00:00:37	0	0.00%	
17:15 - 17:30	98	392	00:01:30	00:00:37	0	0.00%	
17:30 - 17:45	91	364	00:01:16	00:00:37	0	0.00%	Average
17:45 - 18:00	109	436	00:01:37	00:00:37	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:11:54	0	0	0	0	0	0	0	0	0	0	06:11:57	0	0	0	0	0	0	0	0	0	0	06:12:19	00:01:02
0	0	0	0	0	0	0	0	0	06:16:15	0	0	0	0	0	0	0	0	0	0	06:16:18	0	0	0	0	0	0	0	0	0	0	06:16:40	00:01:02
0	0	0	0	0	0	0	0	0	06:22:39	0	0	0	0	0	0	0	0	0	0	06:22:42	0	0	0	0	0	0	0	0	0	0	06:23:04	00:01:02
0	0	0	0	0	0	0	0	0	06:32:19	0	0	0	0	0	0	0	0	0	0	06:32:22	0	0	0	0	0	0	0	0	0	0	06:32:44	00:01:02
0	0	0	0	0	0	0	0	0	06:37:39	0	0	0	0	0	0	0	0	0	0	06:37:42	0	0	0	0	0	0	0	0	0	0	06:38:04	00:01:02
0	0	0	0	0	0	0	0	0	06:46:11	0	0	0	0	0	0	0	0	0	0	06:46:14	0	0	0	0	0	0	0	0	0	0	06:46:40	00:01:06
0	0	0	0	0	0	0	0	0	06:50:31	0	0	0	0	0	0	0	0	0	0	06:50:34	0	0	0	0	0	0	0	0	0	0	06:50:56	00:01:02
0	0	0	0	0	0	0	0	0	06:52:39	0	0	0	0	0	0	0	0	0	0	06:52:42	0	0	0	0	0	0	0	0	0	0	06:53:04	00:01:02
0	0	0	0	0	0	0	0	0	06:55:51	0	0	0	1	0	0	0	0	0	1	06:55:54	0	0	0	0	0	0	0	0	0	0	06:56:16	00:01:02
0	0	0	0	0	0	0	0	0	06:59:03	0	0	0	0	0	0	0	0	0	0	06:59:06	0	0	0	0	0	0	0	0	0	0	06:59:28	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 118
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:11:15	0	0	0	0	0	0	0	0	0	0	06:11:17	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:15:36	0	0	0	0	0	0	0	0	0	0	06:15:38	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:22:00	0	0	0	0	0	0	0	0	0	0	06:22:02	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:31:40	0	0	0	0	0	0	0	0	0	0	06:31:42	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
5	06:37:00	0	0	0	0	0	0	0	0	0	0	06:37:02	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:45:32	0	0	0	0	0	0	0	0	0	0	06:45:34	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:49:52	0	0	0	0	0	0	0	0	0	0	06:49:54	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:52:00	0	0	0	0	0	0	0	0	0	0	06:52:02	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:55:12	0	0	0	0	0	0	0	0	0	0	06:55:14	0	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
10	06:58:24	0	0	0	0	0	0	0	0	0	0	06:58:26	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:34	08:01:36	08:02:13	08:02:16	08:02:46	00:00:37	00:01:10	23	92
	2	08:03:58	08:04:00	08:04:37	08:04:40	08:05:10	00:00:37	00:01:10		
	3	08:07:34	08:07:36	08:08:13	08:08:16	08:08:45	00:00:37	00:01:09		
	4	08:10:24	08:10:26	08:11:03	08:11:06	08:11:10	00:00:37	00:00:44		
	5	08:12:47	08:12:49	08:13:26	08:13:29	08:13:34	00:00:37	00:00:45		
08:15 - 08:30	6	08:15:58	08:16:00	08:16:37	08:16:40	08:17:36	00:00:37	00:01:35	12	48
	7	08:20:00	08:20:02	08:20:39	08:20:42	08:21:11	00:00:37	00:01:09		
	8	08:22:27	08:22:29	08:23:06	08:23:09	08:23:39	00:00:37	00:01:10		
	9	08:24:51	08:24:53	08:25:30	08:25:33	08:25:37	00:00:37	00:00:44		
	10	08:27:15	08:27:17	08:27:54	08:27:57	08:28:01	00:00:37	00:00:44		
08:30 - 08:45	11	08:33:22	08:33:24	08:34:01	08:34:04	08:34:43	00:00:37	00:01:19	17	68
	12	08:36:11	08:36:13	08:36:50	08:36:53	08:37:38	00:00:37	00:01:25		
	13	08:37:39	08:37:41	08:38:18	08:38:21	08:39:07	00:00:37	00:01:26		
	14	08:40:36	08:40:38	08:41:15	08:41:18	08:42:03	00:00:37	00:01:25		
	15	08:43:31	08:43:33	08:44:10	08:44:13	08:44:59	00:00:37	00:01:26		
08:45 - 09:00	16	08:46:27	08:46:29	08:47:06	08:47:09	08:47:54	00:00:37	00:01:25	23	92
	17	08:49:22	08:49:24	08:50:01	08:50:04	08:50:51	00:00:37	00:01:27		
	18	08:53:47	08:53:49	08:54:26	08:54:29	08:55:15	00:00:37	00:01:26		
	19	08:56:17	08:56:19	08:56:56	08:56:59	08:98:11	00:00:37	00:01:52		
	20	08:59:13	08:59:15	08:59:52	08:59:55	09:00:41	00:00:37	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:38	17:00:40	17:01:17	17:01:20	17:01:24	00:00:37	00:00:44	55	220
	2	17:03:48	17:03:50	17:04:27	17:04:30	17:05:25	00:00:37	00:01:35		
	3	17:06:37	17:06:39	17:07:16	17:07:19	17:07:31	00:00:37	00:00:52		
	4	17:10:36	17:10:40	17:11:17	17:11:20	17:11:57	00:00:37	00:01:17		
	5	17:12:51	17:12:53	17:13:30	17:13:33	17:14:37	00:00:37	00:01:44		
17:15 - 17:30	6	17:15:57	17:15:59	17:16:36	17:16:39	17:17:39	00:00:37	00:01:20	58	232
	7	17:19:38	17:19:34	17:20:11	17:20:14	17:21:26	00:00:37	00:01:52		
	8	17:22:28	17:22:30	17:23:07	17:23:10	17:24:22	00:00:37	00:01:52		
	9	17:25:24	17:25:26	17:26:03	17:26:06	17:26:51	00:00:37	00:01:25		
	10	17:28:45	17:28:47	17:29:24	17:29:27	17:29:47	00:00:37	00:01:00		
17:30 - 17:45	11	17:31:42	17:31:44	17:32:21	17:32:24	17:33:09	00:00:37	00:01:25	56	224
	12	17:34:38	17:34:40	17:35:17	17:35:20	17:35:39	00:00:37	00:00:59		
	13	17:38:35	17:38:37	17:39:14	17:39:17	17:40:30	00:00:37	00:01:53		
	14	17:41:57	17:41:59	17:42:36	17:42:39	17:42:59	00:00:37	00:01:00		
	15	17:44:53	17:44:55	17:45:32	17:45:35	17:45:56	00:00:37	00:01:01		
17:45 - 18:00	16	17:47:24	17:47:26	17:48:03	17:48:06	17:49:17	00:00:37	00:01:51	60	240
	17	17:50:20	17:50:22	17:50:59	17:51:02	17:51:49	00:00:37	00:01:27		
	18	17:53:42	17:53:44	17:54:21	17:54:24	17:55:11	00:00:37	00:01:27		
	19	17:56:12	17:56:14	17:56:51	17:56:54	17:58:06	00:00:37	00:01:52		
	20	17:59:07	17:59:09	17:59:46	17:59:49	18:00:35	00:00:37	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	23	92	00:01:00	00:00:37	0	0.00%	
08:15 - 08:30	12	48	00:01:05	00:00:37	0	0.00%	
08:30 - 08:45	17	68	00:01:24	00:00:37	0	0.00%	Average
08:45 - 09:00	23	92	00:01:31	00:00:37	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	55	220	00:01:14	00:00:37	0	0.00%	
17:15 - 17:30	58	232	00:01:30	00:00:37	0	0.00%	
17:30 - 17:45	56	224	00:01:16	00:00:37	0	0.00%	Average
17:45 - 18:00	60	240	00:01:37	00:00:37	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:11:54	0	0	0	0	0	0	0	0	0	0	06:11:57	0	0	0	0	0	0	0	0	0	0	06:12:19	00:01:02
0	0	0	0	0	0	0	0	0	06:16:15	0	0	0	0	0	0	0	0	0	0	06:16:18	0	0	0	0	0	0	0	0	0	0	06:16:40	00:01:02
0	0	0	0	0	0	0	0	0	06:22:39	0	0	0	0	0	0	0	0	0	0	06:22:42	0	0	0	0	0	0	0	0	0	0	06:23:04	00:01:02
0	0	0	0	0	0	0	0	0	06:32:19	0	0	0	0	0	0	0	0	0	0	06:32:22	0	0	0	0	0	0	0	0	0	0	06:32:44	00:01:02
0	0	0	0	0	0	0	0	0	06:37:39	0	0	0	0	0	0	0	0	0	0	06:37:42	0	0	0	0	0	0	0	0	0	0	06:38:04	00:01:02
0	0	0	0	0	0	0	0	0	06:46:11	0	0	0	0	0	0	0	0	0	0	06:46:14	0	0	0	0	0	0	0	0	0	0	06:46:40	00:01:06
0	0	0	0	0	0	0	0	0	06:50:31	0	0	0	0	0	0	0	0	0	0	06:50:34	0	0	0	0	0	0	0	0	0	0	06:50:56	00:01:02
0	0	0	0	0	0	0	0	0	06:52:39	0	0	0	0	0	0	0	0	0	0	06:52:42	0	0	0	0	0	0	0	0	0	0	06:53:04	00:01:02
0	0	0	0	0	0	0	0	0	06:55:51	0	0	0	0	0	0	0	0	0	0	06:55:54	0	0	0	0	0	0	0	0	0	0	06:56:16	00:01:02
0	0	0	0	0	0	0	0	0	06:59:03	0	0	0	0	0	0	0	0	0	0	06:59:06	0	0	0	0	0	0	0	0	0	0	06:59:28	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 118
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:11:15	0	0	0	0	0	0	0	0	0	0	06:11:17	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
2	06:15:36	0	0	0	0	0	0	0	0	0	0	06:15:38	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:22:00	0	0	0	0	0	0	0	0	0	0	06:22:02	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:31:40	0	0	0	0	0	0	0	0	0	0	06:31:42	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:37:00	0	0	0	0	0	0	0	0	0	0	06:37:02	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
6	06:45:32	0	0	0	0	0	0	0	0	0	0	06:45:34	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
7	06:49:52	0	0	0	0	0	0	0	0	0	0	06:49:54	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:52:00	0	0	0	0	0	0	0	0	0	0	06:52:02	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
9	06:55:12	0	0	0	0	0	0	0	0	0	0	06:55:14	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:58:24	0	0	0	0	0	0	0	0	0	0	06:58:26	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:34	08:01:36	08:02:12	08:02:15	08:02:46	00:00:36	00:01:10	32	128
	2	08:03:58	08:04:00	08:04:37	08:04:40	08:05:10	00:00:37	00:01:10		
	3	08:07:34	08:07:36	08:08:12	08:08:15	08:08:45	00:00:36	00:01:09		
	4	08:10:24	08:10:26	08:10:36	08:10:39	08:11:10	00:00:10	00:00:44		
	5	08:12:47	08:12:49	08:13:00	08:13:03	08:13:34	00:00:11	00:00:45		
08:15 - 08:30	6	08:15:58	08:16:00	08:16:36	08:16:39	08:17:36	00:00:36	00:01:36	21	84
	7	08:20:00	08:20:02	08:20:11	08:20:14	08:21:11	00:00:09	00:01:09		
	8	08:22:27	08:22:29	08:22:39	08:22:42	08:23:39	00:00:10	00:01:10		
	9	08:24:51	08:24:53	08:25:04	08:25:07	08:25:37	00:00:11	00:00:44		
	10	08:27:15	08:27:17	08:27:27	08:27:30	08:28:01	00:00:10	00:00:44		
08:30 - 08:45	11	08:33:22	08:33:24	08:33:36	08:33:39	08:34:43	00:00:12	00:01:19	39	156
	12	08:36:11	08:36:13	08:36:24	08:36:27	08:37:38	00:00:11	00:01:25		
	13	08:37:39	08:37:41	08:37:51	08:37:54	08:39:07	00:00:10	00:01:26		
	14	08:40:36	08:40:38	08:40:46	08:40:49	08:42:03	00:00:08	00:01:25		
	15	08:43:31	08:43:33	08:43:43	08:43:46	08:44:59	00:00:10	00:01:26		
08:45 - 09:00	16	08:46:27	08:46:29	08:46:39	08:46:42	08:47:54	00:00:10	00:01:25	50	200
	17	08:49:22	08:49:24	08:49:34	08:49:37	08:50:51	00:00:10	00:01:27		
	18	08:53:47	08:53:49	08:53:59	08:54:02	08:55:15	00:00:10	00:01:26		
	19	08:56:17	08:56:19	08:56:56	08:56:59	08:58:11	00:00:37	00:01:52		
	20	08:59:13	08:59:15	08:59:51	08:59:54	09:00:41	00:00:36	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:38	17:00:40	17:00:50	17:00:53	17:01:24	00:00:10	00:00:44	37	148
	2	17:03:48	17:03:50	17:04:25	17:04:28	17:05:25	00:00:35	00:01:35		
	3	17:06:37	17:06:39	17:06:50	17:06:53	17:07:31	00:00:11	00:00:52		
	4	17:10:36	17:10:40	17:10:49	17:10:52	17:11:57	00:00:09	00:01:17		
	5	17:12:51	17:12:53	17:13:29	17:13:32	17:14:37	00:00:36	00:01:44		
17:15 - 17:30	6	17:15:57	17:15:59	17:16:09	17:16:12	17:17:39	00:00:10	00:01:20	49	196
	7	17:19:31	17:19:34	17:20:10	17:20:13	17:21:26	00:00:36	00:01:52		
	8	17:22:28	17:22:30	17:23:05	17:23:08	17:24:22	00:00:35	00:01:52		
	9	17:25:24	17:25:26	17:26:02	17:26:05	17:26:51	00:00:36	00:01:25		
	10	17:28:45	17:28:47	17:28:58	17:29:01	17:29:47	00:00:11	00:01:00		
17:30 - 17:45	11	17:31:42	17:31:44	17:31:53	17:31:56	17:33:09	00:00:09	00:01:25	45	180
	12	17:34:38	17:34:40	17:34:49	17:34:52	17:35:39	00:00:09	00:00:59		
	13	17:38:35	17:38:37	17:39:14	17:39:17	17:40:30	00:00:37	00:01:53		
	14	17:41:57	17:41:59	17:42:09	17:42:12	17:42:59	00:00:10	00:01:00		
	15	17:44:53	17:44:55	17:45:05	17:45:08	17:45:56	00:00:10	00:01:01		
17:45 - 18:00	16	17:47:24	17:47:26	17:48:01	17:48:04	17:49:17	00:00:35	00:01:51	43	172
	17	17:50:20	17:50:22	17:50:57	17:51:00	17:51:49	00:00:35	00:01:27		
	18	17:53:42	17:53:44	17:53:54	17:53:57	17:55:11	00:00:10	00:01:27		
	19	17:56:12	17:56:14	17:56:49	17:56:52	17:58:06	00:00:35	00:01:52		
	20	17:59:07	17:59:09	17:59:45	17:59:48	18:00:35	00:00:36	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	32	128	00:01:00	00:00:26	0	0.00%	
08:15 - 08:30	21	84	00:01:05	00:00:15	0	0.00%	
08:30 - 08:45	39	156	00:01:24	00:00:10	0	0.00%	Average
08:45 - 09:00	50	200	00:01:31	00:00:21	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	37	148	00:01:14	00:00:20	0	0.00%	
17:15 - 17:30	49	196	00:01:30	00:00:26	0	0.00%	
17:30 - 17:45	45	180	00:01:16	00:00:15	0	0.00%	Average
17:45 - 18:00	43	172	00:01:37	00:00:30	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:11:48	0	0	0	0	0	0	0	0	0	0	06:11:51	0	0	0	0	0	0	0	0	0	0	06:12:19	00:01:02
0	0	0	0	0	0	0	0	0	06:16:08	0	0	0	0	0	0	0	0	0	0	06:16:11	0	0	0	0	0	0	0	0	0	0	06:16:40	00:01:02
0	0	0	0	0	0	0	0	0	06:22:33	0	0	0	0	0	0	0	0	0	0	06:22:36	0	0	0	0	0	0	0	0	0	0	06:23:04	00:01:02
0	0	0	0	0	0	0	0	0	06:32:13	0	0	0	0	0	0	0	0	0	0	06:32:16	0	0	0	0	0	0	0	0	0	0	06:32:44	00:01:02
0	0	0	0	0	0	0	0	0	06:37:33	0	0	0	0	0	0	0	0	0	0	06:37:36	0	0	0	0	0	0	0	0	0	0	06:38:04	00:01:02
0	0	0	0	0	0	0	0	0	06:46:09	0	0	0	0	0	0	0	0	0	0	06:46:12	0	0	0	0	0	0	0	0	0	0	06:46:40	00:01:06
0	0	0	0	0	0	0	0	0	06:50:25	0	0	0	0	0	0	0	0	0	0	06:50:28	0	0	0	0	0	0	0	0	0	0	06:50:56	00:01:02
0	0	0	0	0	0	0	0	0	06:52:33	0	0	0	0	0	0	0	0	0	0	06:52:36	0	0	0	0	0	0	0	0	0	0	06:53:04	00:01:02
0	0	0	0	0	0	0	0	0	06:55:45	0	0	0	0	0	0	0	0	0	0	06:55:48	0	0	0	0	0	0	0	0	0	0	06:56:16	00:01:02
0	0	0	0	0	0	0	0	0	06:58:57	0	0	0	0	0	0	0	0	0	0	06:59:00	0	0	0	0	0	0	0	0	0	0	06:59:28	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 118
Survey Date: 10.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:05:56	0	0	0	0	0	0	0	0	0	0	06:05:58	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:12:20	0	0	0	0	0	0	0	0	0	0	06:12:22	1	0	0	1	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:23:04	0	0	0	0	0	0	0	0	0	0	06:23:06	2	0	1	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
4	06:31:40	0	0	0	0	0	0	0	0	0	0	06:31:42	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:39:56	0	0	0	0	0	0	0	0	0	0	06:39:58	2	0	0	1	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
6	06:40:12	0	0	0	0	0	0	0	0	0	0	06:40:14	2	0	1	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
7	06:45:32	0	0	0	0	0	0	0	0	0	0	06:45:34	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
8	06:48:48	0	0	0	0	0	0	0	0	0	0	06:48:50	2	0	2	0	0	1	0	0	0	6		0	0	0	0	0	0	0	0	0	0		0
9	06:54:08	0	0	0	0	0	0	0	0	0	0	06:54:10	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:59:28	0	0	0	0	0	0	0	0	0	0	06:59:30	1	0	2	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:34	08:01:36	08:02:12	08:02:15	08:02:46	00:00:36	00:01:10	36	144
	2	08:03:58	08:04:00	08:04:37	08:04:40	08:05:10	00:00:37	00:01:10		
	3	08:07:34	08:07:36	08:08:12	08:08:15	08:08:45	00:00:36	00:01:09		
	4	08:10:24	08:10:26	08:10:36	08:10:39	08:11:10	00:00:10	00:00:44		
	5	08:12:47	08:12:49	08:13:00	08:13:03	08:13:34	00:00:11	00:00:45		
08:15 - 08:30	6	08:15:58	08:16:00	08:16:36	08:16:39	08:17:36	00:00:36	00:01:36	49	196
	7	08:20:00	08:20:02	08:20:11	08:20:14	08:21:11	00:00:09	00:01:09		
	8	08:22:27	08:22:29	08:22:39	08:22:42	08:23:39	00:00:10	00:01:10		
	9	08:24:51	08:24:53	08:25:04	08:25:07	08:25:37	00:00:11	00:00:46		
	10	08:27:15	08:27:17	08:27:27	08:27:30	08:28:01	00:00:10	00:00:46		
08:30 - 08:45	11	08:33:22	08:33:24	08:33:36	08:33:39	08:34:43	00:00:12	00:01:19	52	208
	12	08:36:11	08:36:13	08:36:24	08:36:27	08:37:38	00:00:11	00:01:25		
	13	08:37:39	08:37:41	08:37:51	08:37:54	08:39:07	00:00:10	00:01:26		
	14	08:40:36	08:40:38	08:40:46	08:40:49	08:42:03	00:00:08	00:01:25		
	15	08:43:31	08:43:33	08:43:43	08:43:46	08:44:59	00:00:10	00:01:26		
08:45 - 09:00	16	08:46:27	08:46:29	08:46:39	08:46:42	08:47:54	00:00:10	00:01:25	63	252
	17	08:49:22	08:49:24	08:49:34	08:49:37	08:50:51	00:00:10	00:01:27		
	18	08:53:47	08:53:49	08:53:59	08:54:02	08:55:15	00:00:10	00:01:26		
	19	08:56:17	08:56:19	08:56:56	08:56:59	08:58:11	00:00:37	00:01:52		
	20	08:59:13	08:59:15	08:59:51	08:59:54	09:00:41	00:00:36	00:01:26		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:38	17:00:40	17:00:50	17:00:53	17:01:24	00:00:10	00:00:44	25	100
	2	17:03:48	17:03:50	17:04:25	17:04:28	17:05:25	00:00:35	00:01:35		
	3	17:06:37	17:06:39	17:06:50	17:06:53	17:07:31	00:00:11	00:00:52		
	4	17:10:36	17:10:40	17:10:49	17:10:52	17:11:57	00:00:09	00:01:17		
	5	17:12:51	17:12:53	17:13:29	17:13:32	17:14:37	00:00:36	00:01:44		
17:15 - 17:30	6	17:15:57	17:15:59	17:16:09	17:16:12	17:17:39	00:00:10	00:01:20	34	136
	7	17:19:31	17:19:34	17:20:10	17:20:13	17:21:26	00:00:36	00:01:52		
	8	17:22:28	17:22:30	17:23:05	17:23:08	17:24:22	00:00:35	00:01:52		
	9	17:25:24	17:25:26	17:26:02	17:26:05	17:26:51	00:00:36	00:01:25		
	10	17:28:45	17:28:47	17:28:58	17:29:01	17:29:47	00:00:11	00:01:00		
17:30 - 17:45	11	17:31:42	17:31:44	17:31:53	17:31:56	17:33:09	00:00:09	00:01:25	23	92
	12	17:34:38	17:34:40	17:34:49	17:34:52	17:35:39	00:00:09	00:00:59		
	13	17:38:35	17:38:37	17:39:14	17:39:17	17:40:30	00:00:37	00:01:53		
	14	17:41:57	17:41:59	17:42:09	17:42:12	17:42:59	00:00:10	00:01:00		
	15	17:44:53	17:44:55	17:45:05	17:45:08	17:45:56	00:00:10	00:01:01		
17:45 - 18:00	16	17:47:24	17:47:26	17:48:01	17:48:04	17:49:17	00:00:35	00:01:51	22	88
	17	17:50:20	17:50:22	17:50:57	17:51:00	17:51:49	00:00:35	00:01:27		
	18	17:53:42	17:53:44	17:53:54	17:53:57	17:55:11	00:00:10	00:01:27		
	19	17:56:12	17:56:14	17:56:49	17:56:52	17:58:06	00:00:35	00:01:52		
	20	17:59:07	17:59:09	17:59:45	17:59:48	18:00:35	00:00:36	00:01:26		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	36	144	00:01:00	00:00:26	0	0.00%	
08:15 - 08:30	49	196	00:01:05	00:00:15	0	0.00%	
08:30 - 08:45	52	208	00:01:24	00:00:10	0	0.00%	Average
08:45 - 09:00	63	252	00:01:31	00:00:21	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	25	100	00:01:14	00:00:20	0	0.00%	
17:15 - 17:30	34	136	00:01:30	00:00:26	0	0.00%	
17:30 - 17:45	23	92	00:01:16	00:00:15	0	0.00%	Average
17:45 - 18:00	22	88	00:01:37	00:00:30	0	0.00%	0.00%

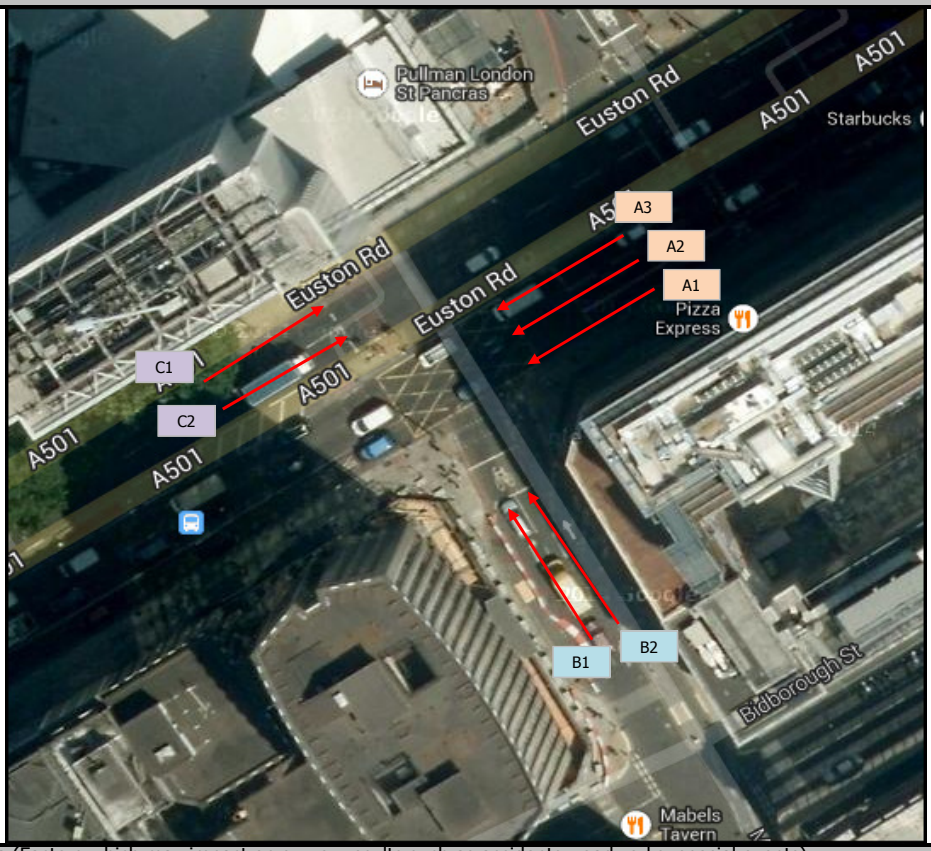
Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:06:29	0	0	0	0	0	0	0	0	0	0	06:06:32	0	0	0	0	0	0	0	0	0	0	06:07:00	00:01:02
0	0	0	0	0	0	0	0	0	06:12:53	0	0	0	0	0	0	0	0	0	0	06:12:56	0	0	0	0	0	0	0	0	0	0	06:13:24	00:01:02
0	0	0	0	0	0	0	0	0	06:23:37	0	0	0	0	0	0	0	0	0	0	06:23:40	0	0	0	0	0	0	0	0	0	0	06:24:08	00:01:02
0	0	0	0	0	0	0	0	0	06:32:13	0	0	0	0	0	0	0	0	0	0	06:32:16	0	0	0	0	0	0	0	0	1	0	06:32:44	00:01:02
0	0	0	0	0	0	0	0	0	06:36:29	0	0	0	0	0	0	0	0	0	0	06:36:32	0	0	0	0	0	0	0	0	0	0	06:37:00	00:01:02
0	0	0	0	0	0	0	0	0	06:40:45	0	0	0	0	0	0	0	0	0	0	06:40:48	0	0	0	0	0	0	0	0	0	0	06:41:16	00:01:02
0	0	0	0	0	0	0	0	0	06:46:09	0	0	0	0	0	0	0	0	0	0	06:46:12	0	0	0	0	0	0	0	0	0	0	06:46:40	00:01:06
0	0	0	0	0	0	0	0	0	06:49:21	0	0	0	0	0	0	0	0	0	0	06:49:24	0	0	0	0	0	0	0	0	0	0	06:49:52	00:01:02
0	0	0	0	0	0	0	0	0	06:54:41	0	0	0	0	0	0	0	0	0	0	06:54:44	0	0	0	0	0	0	0	0	0	0	06:55:12	00:01:02
0	0	0	0	0	0	0	0	0	07:00:01	0	0	0	0	0	0	0	0	0	0	07:00:04	0	0	0	0	0	0	0	0	0	0	07:00:32	00:01:02

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Junction Number: Site 120
Date of Survey: 12.06.2014
Junction Name: Euston Road / Mabledon Place
Survey Type: Saturation Flows/ DoS

X Coordinate	Y Coordinate	Google Maps Link
51.528424	-0.127926	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Lane B2 is blocked by an LGV from around 6:20 until around 6:55.

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 120
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:03:11	0	0	0	0	0	0	0	0	0	0	06:03:13	0	0	0	0	0	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:04:40	0	0	0	0	0	0	0	0	0	0	06:04:42	0	0	0	0	0	0	1	1	0	2		0	0	0	0	0	0	0	0	0	0		0
3	06:13:49	0	0	0	0	0	0	0	0	0	0	06:13:51	1	2	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
4	06:17:02	0	0	0	0	0	0	0	0	0	0	06:17:04	0	3	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
5	06:28:13	0	0	0	0	0	0	0	0	0	0	06:28:15	0	3	0	0	0	1	0	0	0	5		0	0	0	0	0	0	0	0	0	0		0
6	06:31:26	0	0	0	0	0	0	0	0	0	0	06:31:28	0	2	0	0	0	1	0	0	0	4		0	0	0	0	0	0	0	0	0	0		0
7	06:34:39	0	0	0	0	0	0	0	0	0	0	06:34:41	0	1	0	0	0	1	0	0	1	3		0	0	0	0	0	0	0	0	0	0		0
8	06:41:04	0	0	0	0	0	0	0	0	0	0	06:41:06	1	2	0	0	0	2	0	1	0	7		0	0	0	0	0	0	0	0	0	0		0
9	06:45:52	0	0	0	0	0	0	0	0	0	0	06:45:54	1	1	0	0	0	3	0	1	1	9		0	0	0	0	0	0	0	0	0	0		0
10	06:52:12	0	0	0	0	0	0	0	0	0	0	06:52:14	2	2	0	0	0	2	0	4	0	10		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:01:11	08:01:13	08:02:19	08:02:22	08:02:49	00:01:06	00:01:36		
2	08:02:49	08:02:51	08:03:53	08:03:56	08:04:23	00:01:02	00:01:32		
3	08:04:23	08:04:25	08:05:29	08:05:32	08:05:59	00:01:04	00:01:34		
4	08:05:59	08:06:01	08:07:05	08:07:08	08:07:35	00:01:04	00:01:34		
5	08:07:35	08:07:37	08:08:41	08:08:44	08:09:12	00:01:04	00:01:35		
6	08:15:35	08:15:37	08:16:40	08:16:43	08:17:11	00:01:03	00:01:34		
7	08:17:11	08:17:13	08:18:17	08:18:20	08:18:47	00:01:04	00:01:34		
8	08:20:24	08:20:26	08:21:30	08:21:33	08:21:59	00:01:04	00:01:33		
9	08:23:34	08:23:36	08:24:41	08:24:44	08:25:11	00:01:05	00:01:35		
10	08:26:51	08:26:53	08:28:00	08:28:03	08:28:28	00:01:07	00:01:35		
11	08:31:38	08:31:40	08:32:44	08:32:47	08:33:14	00:01:04	00:01:34		
12	08:34:52	08:34:54	08:35:57	08:36:00	08:36:28	00:01:03	00:01:34		
13	08:38:04	08:38:06	08:39:09	08:39:12	08:39:48	00:01:03	00:01:42		
14	08:41:18	08:41:20	08:42:26	08:42:31	08:42:58	00:01:06	00:01:38		
15	08:42:58	08:43:00	08:43:59	08:44:02	08:44:29	00:00:59	00:01:29		
16	08:46:06	08:46:08	08:47:07	08:47:10	08:47:38	00:00:59	00:01:30		
17	08:49:14	08:49:16	08:50:20	08:50:23	08:50:50	00:01:04	00:01:34		
18	08:52:29	08:52:31	08:53:30	08:53:33	08:54:00	00:00:59	00:01:29		
19	08:55:40	08:55:42	08:56:47	08:56:50	08:57:16	00:01:05	00:01:34		
20	08:57:16	08:57:18	08:58:19	08:58:22	08:58:49	00:01:01	00:01:31		

08:00 - 08:15	1	08:01:11	08:01:13	08:02:19	08:02:22	08:02:49	00:01:06	00:01:36	100	400
	2	08:02:49	08:02:51	08:03:53	08:03:56	08:04:23	00:01:02	00:01:32		
	3	08:04:23	08:04:25	08:05:29	08:05:32	08:05:59	00:01:04	00:01:34		
	4	08:05:59	08:06:01	08:07:05	08:07:08	08:07:35	00:01:04	00:01:34		
08:15 - 08:30	5	08:07:35	08:07:37	08:08:41	08:08:44	08:09:12	00:01:04	00:01:35	61	244
	6	08:15:35	08:15:37	08:16:40	08:16:43	08:17:11	00:01:03	00:01:34		
	7	08:17:11	08:17:13	08:18:17	08:18:20	08:18:47	00:01:04	00:01:34		
	8	08:20:24	08:20:26	08:21:30	08:21:33	08:21:59	00:01:04	00:01:33		
	9	08:23:34	08:23:36	08:24:41	08:24:44	08:25:11	00:01:05	00:01:35		
08:30 - 08:45	10	08:26:51	08:26:53	08:28:00	08:28:03	08:28:28	00:01:07	00:01:35	33	132
	11	08:31:38	08:31:40	08:32:44	08:32:47	08:33:14	00:01:04	00:01:34		
	12	08:34:52	08:34:54	08:35:57	08:36:00	08:36:28	00:01:03	00:01:34		
	13	08:38:04	08:38:06	08:39:09	08:39:12	08:39:48	00:01:03	00:01:42		
	14	08:41:18	08:41:20	08:42:26	08:42:31	08:42:58	00:01:06	00:01:38		
	15	08:42:58	08:43:00	08:43:59	08:44:02	08:44:29	00:00:59	00:01:29		
08:45 - 09:00	16	08:46:06	08:46:08	08:47:07	08:47:10	08:47:38	00:00:59	00:01:30	145	580
	17	08:49:14	08:49:16	08:50:20	08:50:23	08:50:50	00:01:04	00:01:34		
	18	08:52:29	08:52:31	08:53:30	08:53:33	08:54:00	00:00:59	00:01:29		
	19	08:55:40	08:55:42	08:56:47	08:56:50	08:57:16	00:01:05	00:01:34		
	20	08:57:16	08:57:18	08:58:19	08:58:22	08:58:49	00:01:01	00:01:31		

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:00:34	17:00:36	17:01:39	17:01:39	17:02:06	00:01:00	00:01:30		
2	17:03:46	17:03:48	17:04:48	17:04:51	17:05:18	00:01:00	00:01:30		
3	17:06:58	17:07:00	17:08:00	17:08:03	17:08:30	00:01:00	00:01:30		
4	17:10:10	17:10:12	17:11:12	17:11:15	17:11:42	00:01:00	00:01:30		
5	17:13:21	17:13:23	17:14:23	17:14:26	17:14:53	00:01:00	00:01:30		
6	17:16:33	17:16:35	17:17:35	17:17:38	17:18:05	00:01:00	00:01:30		
7	17:19:44	17:19:46	17:20:46	17:20:49	17:21:16	00:01:00	00:01:30		
8	17:22:52	17:22:54	17:23:58	17:24:01	17:24:28	00:01:04	00:01:34		
9	17:26:08	17:26:10	17:27:26	17:27:29	17:27:55	00:01:16	00:01:45		
10	17:27:55	17:27:57	17:29:12	17:29:15	17:29:41	00:01:15	00:01:44		
11	17:31:27	17:31:29	17:32:50	17:32:53	17:33:19	00:01:21	00:01:50		
12	17:35:17	17:35:19	17:36:46	17:36:49	17:37:15	00:01:27	00:01:56		
13	17:39:01	17:39:03	17:40:30	17:40:33	17:40:59	00:01:27	00:01:56		
14	17:42:45	17:42:47	17:44:12	17:44:15	17:44:41	00:01:25	00:01:54		
15	17:40:59	17:41:01	17:42:16	17:42:19	17:42:45	00:01:15	00:01:44		
16	17:46:27	17:46:29	17:47:56	17:47:59	17:48:25	00:01:27	00:01:56		
17	17:48:25	17:48:27	17:49:42	17:49:45	17:50:11	00:01:15	00:01:44		
18	17:52:09	17:52:11	17:53:26	17:53:29	17:53:55	00:01:15	00:01:44		
19	17:53:55	17:53:57	17:55:24	17:55:27	17:55:53	00:01:27	00:01:56		
20	17:55:53	17:55:55	17:57:22	17:57:25	17:57:51	00:01:27	00:01:56		

17:00 - 17:15	1	17:00:34	17:00:36	17:01:39	17:01:39	17:02:06	00:01:00	00:01:30	113	452
	2	17:03:46	17:03:48	17:04:48	17:04:51	17:05:18	00:01:00	00:01:30		
	3	17:06:58	17:07:00	17:08:00	17:08:03	17:08:30	00:01:00	00:01:30		
	4	17:10:10	17:10:12	17:11:12	17:11:15	17:11:42	00:01:00	00:01:30		
17:15 - 17:30	5	17:13:21	17:13:23	17:14:23	17:14:26	17:14:53	00:01:00	00:01:30	107	428
	6	17:16:33	17:16:35	17:17:35	17:17:38	17:18:05	00:01:00	00:01:30		
	7	17:19:44	17:19:46	17:20:46	17:20:49	17:21:16	00:01:00	00:01:30		
	8	17:22:52	17:22:54	17:23:58	17:24:01	17:24:28	00:01:04	00:01:34		
	9	17:26:08	17:26:10	17:27:26	17:27:29	17:27:55	00:01:16	00:01:45		
17:30 - 17:45	10	17:27:55	17:27:57	17:29:12	17:29:15	17:29:41	00:01:15	00:01:44	157	628
	11	17:31:27	17:31:29	17:32:50	17:32:53	17:33:19	00:01:21	00:01:50		
	12	17:35:17	17:35:19	17:36:46	17:36:49	17:37:15	00:01:27	00:01:56		
	13	17:39:01	17:39:03	17:40:30	17:40:33	17:40:59	00:01:27	00:01:56		
	14	17:42:45	17:42:47	17:44:12	17:44:15	17:44:41	00:01:25	00:01:54		
	15	17:40:59	17:41:01	17:42:16	17:42:19	17:42:45	00:01:15	00:01:44		
17:45 - 18:00	16	17:46:27	17:46:29	17:47:56	17:47:59	17:48:25	00:01:27	00:01:56	125	500
	17	17:48:25	17:48:27	17:49:42	17:49:45	17:50:11	00:01:15	00:01:44		
	18	17:52:09	17:52:11	17:53:26	17:53:29	17:53:55	00:01:15	00:01:44		
	19	17:53:55	17:53:57	17:55:24	17:55:27	17:55:53	00:01:27	00:01:56		
	20	17:55:53	17:55:55	17:57:22	17:57:25	17:57:51	00:01:27	00:01:56		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	100	400	00:01:34	00:01:04	0	0.00%	
08:15 - 08:30	61	244	00:01:34	00:01:05	0	0.00%	
08:30 - 08:45	33	132	00:01:35	00:01:03	0	0.00%	Average
08:45 - 09:00	145	580	00:01:32	00:01:02	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	113	452	00:01:30	00:01:00	0	0.00%	
17:15 - 17:30	107	428	00:01:37	00:01:07	0	0.00%	
17:30 - 17:45	157	628	00:01:52	00:01:23	0	0.00%	Average
17:45 - 18:00	125	500	00:01:51	00:01:22	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:04:11	0	0	0	0	0	0	0	0	0	0	06:04:14	0	0	0	0	0	0	0	0	0	06:04:40	00:01:27
0	0	0	0	0	0	0	0	0	06:05:42	0	0	0	0	0	0	0	0	0	0	06:05:45	0	0	0	0	0	0	0	0	0	06:06:11	00:01:29
0	0	0	0	0	0	0	0	0	06:14:55	0	0	0	0	0	0	0	0	0	0	06:14:58	0	0	0	0	0	0	0	0	0	06:15:25	00:01:34
0	0	0	0	0	0	0	0	0	06:18:10	0	0	0	0	0	0	0	0	0	0	06:18:13	0	0	0	0	0	0	0	0	0	06:18:40	00:01:36
0	0	0	0	0	0	0	0	0	06:20:19	0	0	0	0	0	0	0	0	0	0	06:20:22	0	0	0	0	0	0	0	0	0	06:20:49	00:01:34
0	0	0	0	0	0	0	0	0	06:32:33	0	0	0	0	0	0	0	0	0	0	06:32:36	0	0	0	0	0	0	0	0	0	06:33:03	00:01:35
0	0	0	0	0	0	0	0	0	06:35:45	0	0	0	0	0	1	0	0	0	2	06:35:48	0	0	0	0	0	0	0	0	1	06:36:15	00:01:34
0	0	0	0	0	0	0	0	0	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:09	0	0	0	0	0	0	0	0	0	06:42:36	00:01:30
0	0	0	0	0	0	0	0	0	06:46:54	0	0	0	0	0	0	0	0	0	0	06:46:57	0	0	0	0	0	0	0	0	0	06:47:24	00:01:50
0	0	0	0	0	0	0	0	0	06:53:22	0	0	0	0	0	0	0	0	0	0	06:53:25	0	0	0	0	0	0	0	0	0	06:53:52	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: IDD1981
Site Number: Site 120
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand* (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:06:11	0	0	0	0	0	0	0	0	0	0	06:06:13	2	2	2	1	0	0	0	0	0	8	06:06:43	6	1	0	0	0	0	0	0	0	7	06:06:56	4
2	06:12:10	0	0	0	0	0	0	0	0	0	0	06:12:12	0	0	2	2	0	0	0	0	0	5	06:12:33	6	2	2	2	0	0	0	0	0	13	06:12:53	3
3	06:13:49	0	0	0	0	0	0	0	0	0	0	06:13:51	2	0	2	0	0	0	0	0	0	4	06:14:08	9	1	1	0	0	0	0	0	0	11	06:14:26	9
4	06:23:24	0	0	0	0	0	0	0	0	0	0	06:23:26	3	0	1	1	0	0	0	0	0	6	06:23:47	4	1	1	0	0	0	0	0	0	6	06:24:00	7
5	06:26:41	0	0	0	0	0	0	0	0	0	0	06:26:43	5	0	1	2	0	0	0	0	0	9	06:27:02	4	1	1	1	0	0	0	0	0	8	06:27:17	3
6	06:29:49	0	0	0	0	0	0	0	0	0	0	06:29:51	6	0	2	0	0	0	0	0	0	8	06:30:11	3	1	2	1	0	0	0	0	0	8	06:30:22	6
7	06:33:03	0	0	0	0	0	0	0	0	0	0	06:33:05	8	0	0	0	0	0	0	0	0	8	06:33:35	3	0	4	0	0	0	0	0	0	7	06:33:49	1
8	06:37:52	0	0	0	0	0	0	0	0	0	0	06:37:54	2	1	3	2	0	0	0	1	0	9	06:38:27	2	3	2	1	0	1	0	0	0	11	06:38:44	1
9	06:39:28	0	0	0	0	0	0	0	0	0	0	06:39:30	4	1	1	2	0	0	0	0	0	7	06:39:55	4	1	1	0	0	0	0	0	0	6	06:40:05	3
10	06:41:04	0	0	0	0	0	0	0	0	0	0	06:41:06	4	0	1	0	0	1	0	0	0	7	06:41:35	7	1	2	1	0	0	0	0	0	12	06:42:01	0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	08:01:11	08:01:13	08:02:19	08:02:22	08:02:49	00:01:06	00:01:36		
2	08:02:49	08:02:51	08:03:53	08:03:56	08:04:23	00:01:02	00:01:32		
3	08:04:23	08:04:25	08:05:29	08:05:32	08:05:59	00:01:04	00:01:34		
4	08:05:59	08:06:01	08:07:05	08:07:08	08:07:35	00:01:04	00:01:34		
5	08:07:35	08:07:37	08:08:41	08:08:44	08:09:12	00:01:04	00:01:35		
6	08:15:35	08:15:37	08:16:40	08:16:43	08:17:11	00:01:03	00:01:34		
7	08:17:11	08:17:13	08:18:17	08:18:20	08:18:47	00:01:04	00:01:34		
8	08:20:24	08:20:26	08:21:30	08:21:33	08:21:59	00:01:04	00:01:33		
9	08:23:34	08:23:36	08:24:41	08:24:44	08:25:11	00:01:05	00:01:35		
10	08:26:51	08:26:53	08:28:00	08:28:03	08:28:28	00:01:07	00:01:35		
11	08:31:38	08:31:40	08:32:44	08:32:47	08:33:14	00:01:04	00:01:34		
12	08:34:52	08:34:54	08:35:57	08:36:00	08:36:28	00:01:03	00:01:34		
13	08:38:04	08:38:06	08:39:09	08:39:12	08:39:48	00:01:03	00:01:42		
14	08:41:18	08:41:20	08:42:28	08:42:31	08:42:58	00:01:08	00:01:38		
15	08:42:58	08:43:00	08:43:59	08:44:02	08:44:29	00:00:59	00:01:29		
16	08:46:06	08:46:08	08:47:07	08:47:10	08:47:38	00:00:59	00:01:30		
17	08:49:14	08:49:16	08:50:20	08:50:23	08:50:50	00:01:04	00:01:34		
18	08:52:29	08:52:31	08:53:30	08:53:33	08:54:00	00:00:59	00:01:29		
19	08:55:40	08:55:42	08:56:47	08:56:50	08:57:16	00:01:05	00:01:34		
20	08:57:16	08:57:18	08:58:19	08:58:22	08:58:49	00:01:01	00:01:31		
08:00 - 08:15								184	736
08:15 - 08:30								220	880
08:30 - 08:45								234	936
08:45 - 09:00								148	592

17:00 - 18:00
Degree of Saturation

	Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
1	17:00:34	17:00:36	17:01:36	17:01:39	17:02:06	00:01:00	00:01:30		
2	17:03:48	17:03:48	17:04:48	17:04:51	17:05:18	00:01:00	00:01:30		
3	17:06:58	17:07:00	17:08:00	17:08:03	17:08:30	00:01:00	00:01:30		
4	17:10:10	17:10:12	17:11:12	17:11:15	17:11:42	00:01:00	00:01:30		
5	17:13:21	17:13:23	17:14:23	17:14:26	17:14:53	00:01:00	00:01:30		
6	17:16:33	17:16:35	17:17:35	17:17:38	17:18:05	00:01:00	00:01:30		
7	17:19:44	17:19:46	17:20:46	17:20:49	17:21:16	00:01:00	00:01:30		
8	17:22:52	17:22:54	17:23:58	17:24:01	17:24:28	00:01:04	00:01:34		
9	17:26:08	17:26:10	17:27:26	17:27:29	17:27:55	00:01:16	00:01:45		
10	17:27:55	17:27:57	17:29:12	17:29:15	17:29:41	00:01:15	00:01:44		
11	17:31:27	17:31:29	17:32:50	17:32:53	17:33:19	00:01:21	00:01:50		
12	17:35:17	17:35:19	17:36:46	17:36:49	17:37:15	00:01:27	00:01:56		
13	17:39:01	17:39:03	17:40:30	17:40:33	17:40:59	00:01:27	00:01:56		
14	17:42:45	17:42:47	17:44:12	17:44:15	17:44:41	00:01:25	00:01:54		
15	17:46:59	17:47:01	17:48:16	17:48:19	17:48:45	00:01:15	00:01:44		
16	17:46:27	17:46:29	17:47:56	17:47:59	17:48:25	00:01:27	00:01:56		
17	17:48:25	17:48:27	17:49:42	17:49:45	17:50:11	00:01:15	00:01:44		
18	17:52:09	17:52:11	17:53:26	17:53:29	17:53:55	00:01:15	00:01:44		
19	17:53:55	17:53:57	17:55:24	17:55:27	17:55:53	00:01:27	00:01:56		
20	17:55:53	17:55:55	17:57:22	17:57:25	17:57:51	00:01:27	00:01:56		
17:00 - 17:15								102	408
17:15 - 17:30								83	332
17:30 - 17:45								127	508
17:45 - 18:00								118	472

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
7	00:00:13	1938	
13	00:00:20	2340	
11	00:00:18	2200	
6	00:00:13	1662	
8	00:00:15	1800	
8	00:00:11	2455	
7	00:00:14	1800	
11	00:00:17	2224	
6	00:00:10	2160	Average
12	00:00:26	1592	2017

DoS (AM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 09:00							
08:00 - 08:15	184	736	00:01:34	00:01:04	2017	53.71%	
08:15 - 08:30	220	880	00:01:34	00:01:05	2017	63.62%	
08:30 - 08:45	234	936	00:01:35	00:01:03	2017	69.83%	Average
08:45 - 09:00	148	592	00:01:32	00:01:02	2017	43.64%	57.70%

DoS (PM Peak)

	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 18:00							
17:00 - 17:15	102	408	00:01:30	00:01:00	2017	30.34%	
17:15 - 17:30	83	332	00:01:37	00:01:07	2017	23.73%	
17:30 - 17:45	127	508	00:01:52	00:01:23	2017	33.99%	Average
17:45 - 18:00	118	472	00:01:51	00:01:22	2017	31.66%	29.93%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber											Vehicle Classifications During Red												
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	0	0	5	06:07:10	0	0	1	0	0	0	0	0	0	1	06:07:13	0	0	0	0	0	0	0	0	0	0	06:07:39	00:01:26
0	0	0	0	0	0	1	0	3	06:13:19	0	0	0	0	0	0	0	0	0	0	06:13:22	0	0	0	0	0	0	0	0	0	0	06:13:49	00:01:37
0	0	0	0	0	0	0	0	0	06:14:55	0	0	0	0	0	0	0	0	0	0	06:14:58	0	0	0	0	0	0	0	0	0	0	06:15:25	00:01:34
0	3	2	0	1	0	0	0	15	06:24:33	0	0	0	0	0	0	0	0	0	0	06:24:36	0	0	0	0	0	0	0	0	0	0	06:25:03	00:01:37
0	3	0	0	1	0	0	0	8	06:27:43	0	0	0	0	0	0	0	0	0	0	06:27:46	0	0	0	0	0	0	0	0	0	0	06:28:13	00:01:30
0	3	0	0	0	1	0	0	11	06:30:56	0	0	0	0	0	0	0	0	0	0	06:30:59	0	0	0	0	0	0	0	0	0	0	06:31:26	00:01:35
0	1	0	0	0	0	0	0	2	06:34:09	1	0	0	0	0	0	0	0	0	1	06:34:12	0	0	0	0	0	0	0	0	0	0	06:34:39	00:01:34
0	1	1	0	0	0	0	0	4	06:38:58	0	0	1	0	0	0	0	0	0	1	06:39:01	0	0	0	0	0	0	0	0	0	0	06:39:28	00:01:34
0	3	0	0	0	0	0	0	6	06:40:34	0	1	0	0	0	0	0	0	0	1	06:40:37	0	0	0	0	0	0	0	0	0	0	06:41:04	00:01:34
0	0	0	0	0	0	0	0	0	06:42:06	0	0	1	0	0	0	0	0	0	1	06:42:09	0	0	0	0	0	0	0	0	0	0	06:42:36	00:01:30

Intelligent Data Collection Limited

Client: Arup
Project Number: IDI01981
Site Number: Site 120
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:06:11	0	0	0	0	0	0	0	0	0	0	06:06:13	2	0	2	0	0	0	0	0	0	4	06:06:29	13	0	2	2	0	0	0	0	0	18	06:07:06	0
2	06:12:10	0	0	0	0	0	0	0	0	0	0	06:12:12	4	0	0	0	0	0	0	0	0	4	06:12:34	6	0	0	5	0	0	0	0	0	11	06:12:50	1
3	06:15:25	0	0	0	0	0	0	0	0	0	0	06:15:27	6	0	0	0	0	0	0	0	0	6	06:15:47	8	0	0	0	0	0	0	0	0	8	06:16:00	1
4	06:23:24	0	0	0	0	0	0	0	0	0	0	06:23:26	3	0	2	1	0	0	0	1	0	7	06:23:53	6	0	3	0	0	0	0	0	0	9	06:24:13	2
5	06:26:41	0	0	0	0	0	0	0	0	0	0	06:26:43	1	0	1	0	0	0	0	0	0	2	06:26:49	11	0	6	0	0	0	0	0	0	17	06:27:24	2
6	06:29:49	0	0	0	0	0	0	0	0	0	0	06:29:51	4	0	0	0	0	0	0	1	0	4	06:30:11	11	1	3	0	0	0	0	0	0	15	06:30:42	1
7	06:31:26	0	0	0	0	0	0	0	0	0	0	06:31:28	2	0	0	0	0	0	0	0	0	2	06:31:34	7	0	3	0	0	0	0	1	0	10	06:31:58	4
8	06:37:52	0	0	0	0	0	0	0	0	0	0	06:37:54	4	0	1	0	0	0	0	0	0	5	06:38:21	6	0	2	0	0	0	0	1	0	8	06:38:39	4
9	06:39:28	0	0	0	0	0	0	0	0	0	0	06:39:30	2	0	3	0	0	0	0	1	0	5	06:39:47	8	1	2	0	0	0	0	0	0	11	06:40:05	7
10	06:41:04	0	0	0	0	0	0	0	0	0	0	06:41:06	5	0	2	0	0	0	0	0	0	7	06:41:35	12	0	0	0	0	0	0	0	0	12	06:41:57	2

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:11	08:01:13	08:02:19	08:02:22	08:02:49	00:01:06	00:01:36	173	692
	2	08:02:49	08:02:51	08:03:53	08:03:56	08:04:23	00:01:02	00:01:32		
	3	08:04:23	08:04:25	08:05:29	08:05:32	08:05:59	00:01:04	00:01:34		
	4	08:05:59	08:06:01	08:07:05	08:07:08	08:07:35	00:01:04	00:01:34		
	5	08:07:35	08:07:37	08:08:41	08:08:44	08:09:12	00:01:04	00:01:35		
08:15 - 08:30	6	08:15:35	08:15:37	08:16:40	08:16:43	08:17:11	00:01:03	00:01:34	165	660
	7	08:17:11	08:17:13	08:18:17	08:18:20	08:18:47	00:01:04	00:01:34		
	8	08:20:24	08:20:26	08:21:30	08:21:33	08:21:59	00:01:04	00:01:33		
	9	08:23:34	08:23:36	08:24:41	08:24:44	08:25:11	00:01:05	00:01:35		
	10	08:26:51	08:26:53	08:28:00	08:28:03	08:28:28	00:01:07	00:01:35		
08:30 - 08:45	11	08:31:38	08:31:40	08:32:44	08:32:47	08:33:14	00:01:04	00:01:34	157	628
	12	08:34:52	08:34:54	08:35:57	08:36:00	08:36:28	00:01:03	00:01:34		
	13	08:38:04	08:38:06	08:39:09	08:39:12	08:39:48	00:01:03	00:01:42		
	14	08:41:18	08:41:20	08:42:28	08:42:31	08:42:58	00:01:08	00:01:38		
	15	08:42:58	08:43:00	08:43:59	08:44:02	08:44:29	00:00:59	00:01:29		
08:45 - 09:00	16	08:46:06	08:46:08	08:47:07	08:47:10	08:47:38	00:00:59	00:01:30	156	624
	17	08:49:14	08:49:16	08:50:20	08:50:23	08:50:50	00:01:04	00:01:34		
	18	08:52:29	08:52:31	08:53:30	08:53:33	08:54:00	00:00:59	00:01:29		
	19	08:55:40	08:55:42	08:56:47	08:56:50	08:57:16	00:01:05	00:01:34		
	20	08:57:16	08:57:18	08:58:19	08:58:22	08:58:49	00:01:01	00:01:31		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:34	17:00:36	17:01:35	17:01:39	17:02:06	00:01:00	00:01:30	107	428
	2	17:03:46	17:03:48	17:04:48	17:04:51	17:05:18	00:01:00	00:01:30		
	3	17:06:58	17:07:00	17:08:00	17:08:03	17:08:30	00:01:00	00:01:30		
	4	17:10:10	17:10:12	17:11:12	17:11:15	17:11:42	00:01:00	00:01:30		
	5	17:13:21	17:13:23	17:14:23	17:14:26	17:14:53	00:01:00	00:01:30		
17:15 - 17:30	6	17:16:33	17:16:35	17:17:35	17:17:38	17:18:05	00:01:00	00:01:30	80	320
	7	17:19:44	17:19:46	17:20:46	17:20:49	17:21:16	00:01:00	00:01:30		
	8	17:22:52	17:22:54	17:23:58	17:24:01	17:24:28	00:01:04	00:01:34		
	9	17:26:08	17:26:10	17:27:26	17:27:29	17:27:55	00:01:16	00:01:45		
	10	17:27:55	17:27:57	17:29:12	17:29:15	17:29:41	00:01:15	00:01:44		
17:30 - 17:45	11	17:31:27	17:31:29	17:32:30	17:32:33	17:33:19	00:01:01	00:01:50	105	420
	12	17:35:17	17:35:19	17:36:46	17:36:49	17:37:15	00:01:27	00:01:56		
	13	17:39:01	17:39:03	17:40:30	17:40:33	17:40:59	00:01:27	00:01:56		
	14	17:42:45	17:42:47	17:44:12	17:44:15	17:44:41	00:01:25	00:01:54		
	15	17:40:59	17:41:01	17:42:16	17:42:19	17:42:45	00:01:15	00:01:44		
17:45 - 18:00	16	17:46:27	17:46:29	17:47:56	17:47:59	17:48:25	00:01:27	00:01:56	75	300
	17	17:48:25	17:48:27	17:49:42	17:49:45	17:50:11	00:01:15	00:01:44		
	18	17:52:09	17:52:11	17:53:26	17:53:29	17:53:55	00:01:15	00:01:44		
	19	17:53:55	17:53:57	17:55:24	17:55:27	17:55:53	00:01:27	00:01:56		
	20	17:55:53	17:55:55	17:57:22	17:57:25	17:57:51	00:01:27	00:01:56		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
18	00:00:37	1751	
11	00:00:16	2475	
8	00:00:13	2215	
9	00:00:20	1620	
17	00:00:35	1749	
15	00:00:31	1742	
10	00:00:24	1560	
8	00:00:18	1680	
11	00:00:18	2200	Average
12	00:00:22	1964	1896

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	173	692	00:01:34	00:01:04	1896	53.73%	
08:15 - 08:30	165	660	00:01:34	00:01:05	1896	50.77%	
08:30 - 08:45	157	628	00:01:35	00:01:03	1896	49.85%	Average
08:45 - 09:00	156	624	00:01:32	00:01:02	1896	48.95%	50.83%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	107	428	00:01:30	00:01:00	1896	33.87%	
17:15 - 17:30	80	320	00:01:37	00:01:07	1896	24.34%	
17:30 - 17:45	105	420	00:01:52	00:01:23	1896	29.90%	Average
17:45 - 18:00	75	300	00:01:51	00:01:22	1896	21.41%	27.38%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:07:10	0	0	0	0	0	0	0	0	0	0	06:07:13	0	0	0	0	0	0	0	0	0	0	06:07:39	00:01:26
0	1	0	1	0	0	0	0	0	06:13:19	0	0	0	0	0	0	0	0	0	0	06:13:22	0	0	0	0	0	0	0	0	0	0	06:13:49	00:01:37
0	3	0	0	0	0	0	0	0	06:16:32	0	0	0	0	0	0	0	0	0	0	06:16:35	0	0	0	0	0	0	0	0	0	0	06:17:02	00:01:35
0	1	0	0	0	0	0	0	0	06:24:33	0	0	0	0	0	0	0	0	0	0	06:24:36	0	0	0	0	0	0	0	0	0	0	06:25:03	00:01:37
0	0	0	0	0	0	0	0	0	06:27:43	1	0	1	0	0	0	0	0	0	2	06:27:46	0	0	0	0	0	0	0	0	0	0	06:28:13	00:01:30
0	2	0	0	0	0	0	0	3	06:30:56	1	0	1	0	0	0	0	0	0	2	06:30:59	0	0	0	0	0	0	0	0	0	0	06:31:26	00:01:35
0	0	0	0	0	0	0	0	4	06:32:33	0	0	0	0	0	0	0	0	0	0	06:32:36	0	0	0	0	0	0	0	0	0	0	06:33:03	00:01:35
0	1	0	0	0	0	0	0	5	06:38:58	0	0	0	0	0	0	0	0	0	0	06:39:01	0	0	0	0	0	0	0	0	0	0	06:39:28	00:01:34
0	3	0	0	0	0	0	0	10	06:40:34	0	0	1	0	0	0	0	0	0	1	06:40:37	0	0	0	0	0	0	0	0	0	0	06:41:04	00:01:34
0	0	0	0	0	0	0	1	2	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:09	0	0	0	0	0	0	0	0	0	0	06:42:36	00:01:30

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 120
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:23	0	0	0	0	0	0	0	0	0	0	06:01:25	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:04:20	0	0	0	0	0	0	0	0	0	0	06:04:22	0	0	1	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
3	06:10:17	0	0	0	0	0	0	0	0	0	0	06:10:19	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0		0
4	06:13:28	0	0	0	0	0	0	0	0	0	0	06:13:30	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:18:19	0	0	0	0	0	0	0	0	0	0	06:18:21	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:31:05	0	0	0	0	0	0	0	0	0	0	06:31:07	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:37:31	0	0	0	0	0	0	0	0	0	0	06:37:33	2	1	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0		0
8	06:48:43	0	0	0	0	0	0	0	0	0	0	06:48:45	1	1	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0		0
9	06:51:51	0	0	0	0	0	0	0	0	0	0	06:51:53	1	0	0	0	0	0	0	1	0	1		0	0	0	0	0	0	0	0	0	0		0
10	06:56:39	0	0	0	0	0	0	0	0	0	0	06:56:41	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:49	08:00:51	08:01:04	08:01:07	08:02:28	00:00:13	00:01:37	30	120
	2	08:04:02	08:04:04	08:04:17	08:04:20	08:05:38	00:00:13	00:01:34		
	3	08:07:14	08:07:16	08:07:29	08:07:32	08:08:50	00:00:13	00:01:34		
	4	08:10:30	08:10:32	08:10:45	08:10:48	08:12:06	00:00:13	00:01:34		
	5	08:13:38	08:13:40	08:13:53	08:13:56	08:15:14	00:00:13	00:01:34		
08:15 - 08:30	6	08:16:50	08:16:52	08:17:06	08:17:08	08:18:26	00:00:13	00:01:34	27	108
	7	08:20:02	08:20:04	08:20:17	08:20:20	08:21:38	00:00:13	00:01:34		
	8	08:23:14	08:23:16	08:23:29	08:23:32	08:24:50	00:00:13	00:01:34		
	9	08:26:30	08:26:32	08:26:45	08:26:48	08:28:08	00:00:13	00:01:36		
	10	08:28:08	08:28:10	08:28:23	08:28:25	08:29:40	00:00:13	00:01:30		
08:30 - 08:45	11	08:31:17	08:31:19	08:31:32	08:31:35	08:32:53	00:00:13	00:01:34	21	84
	12	08:34:30	08:34:32	08:34:45	08:34:48	08:36:06	00:00:13	00:01:34		
	13	08:37:42	08:37:44	08:37:57	08:38:00	08:39:18	00:00:13	00:01:34		
	14	08:40:58	08:41:00	08:41:13	08:41:16	08:42:37	00:00:13	00:01:37		
	15	08:44:09	08:44:11	08:44:24	08:44:27	08:45:45	00:00:13	00:01:34		
08:45 - 09:00	16	08:47:17	08:47:19	08:47:32	08:47:35	08:48:53	00:00:13	00:01:34	24	96
	17	08:50:29	08:50:31	08:50:44	08:50:47	08:52:08	00:00:13	00:01:37		
	18	08:52:08	08:52:10	08:52:23	08:52:26	08:53:40	00:00:13	00:01:30		
	19	08:55:20	08:55:22	08:55:35	08:55:38	08:56:56	00:00:13	00:01:34		
	20	08:58:28	08:58:30	08:58:43	08:58:46	09:00:08	00:00:13	00:01:38		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:14	17:00:16	17:00:29	17:00:32	17:01:46	00:00:13	00:01:30	36	144
	2	17:03:26	17:03:28	17:03:41	17:03:44	17:04:58	00:00:13	00:01:30		
	3	17:06:38	17:06:40	17:06:53	17:06:56	17:08:10	00:00:13	00:01:30		
	4	17:09:50	17:09:52	17:10:05	17:10:08	17:11:22	00:00:13	00:01:30		
	5	17:13:01	17:13:03	17:13:16	17:13:19	17:14:33	00:00:13	00:01:30		
17:15 - 17:30	6	17:16:13	17:16:15	17:16:28	17:16:31	17:17:45	00:00:13	00:01:30	34	136
	7	17:19:24	17:19:26	17:19:39	17:19:42	17:20:56	00:00:13	00:01:30		
	8	17:22:33	17:22:34	17:22:47	17:22:50	17:24:08	00:00:13	00:01:34		
	9	17:25:48	17:25:50	17:26:03	17:26:06	17:27:36	00:00:13	00:01:46		
	10	17:27:36	17:27:38	17:27:50	17:27:53	17:29:22	00:00:12	00:01:44		
17:30 - 17:45	11	17:31:08	17:31:10	17:31:22	17:31:25	17:33:05	00:00:12	00:01:50	37	148
	12	17:34:58	17:35:00	17:35:12	17:35:15	17:36:56	00:00:12	00:01:56		
	13	17:38:42	17:38:44	17:38:56	17:38:59	17:40:40	00:00:12	00:01:56		
	14	17:42:26	17:42:28	17:42:40	17:42:43	17:44:22	00:00:12	00:01:54		
	15	17:44:22	17:44:24	17:44:36	17:44:39	17:46:08	00:00:12	00:01:44		
17:45 - 18:00	16	17:48:06	17:48:08	17:48:20	17:48:23	17:49:52	00:00:12	00:01:44	30	120
	17	17:51:50	17:51:52	17:52:04	17:52:07	17:53:36	00:00:12	00:01:44		
	18	17:53:36	17:53:38	17:53:50	17:53:53	17:55:34	00:00:12	00:01:56		
	19	17:57:32	17:57:34	17:57:46	17:57:49	17:59:18	00:00:12	00:01:44		
	20	17:59:18	17:59:20	17:59:32	17:59:35	18:01:14	00:00:12	00:01:54		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	30	120	00:01:35	00:00:13	0	0.00%	
08:15 - 08:30	27	108	00:01:34	00:00:13	0	0.00%	
08:30 - 08:45	21	84	00:01:35	00:00:13	0	0.00%	Average
08:45 - 09:00	24	96	00:01:35	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	36	144	00:01:30	00:00:13	0	0.00%	
17:15 - 17:30	34	136	00:01:37	00:00:13	0	0.00%	
17:30 - 17:45	37	148	00:01:52	00:00:12	0	0.00%	Average
17:45 - 18:00	30	120	00:01:48	00:00:12	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:37	0	0	0	0	0	0	0	0	0	0	06:01:40	0	0	0	0	0	0	0	0	0	0	06:02:51	00:01:26
0	0	0	0	0	0	0	0	0	06:04:34	0	0	0	0	0	0	0	0	0	0	06:04:37	0	0	0	0	0	0	0	0	0	0	06:05:51	00:01:29
0	0	0	0	0	0	0	0	0	06:10:32	0	0	0	0	0	0	0	0	0	0	06:10:35	0	0	0	0	0	0	0	0	0	0	06:11:49	00:01:33
0	0	0	0	0	0	0	0	0	06:13:43	0	0	0	0	0	0	0	0	0	0	06:13:46	0	0	0	0	0	0	0	0	0	0	06:15:04	00:01:34
0	0	0	0	0	0	0	0	0	06:18:34	0	0	0	0	0	0	0	0	0	0	06:18:37	0	0	0	0	0	0	0	0	0	0	06:19:55	00:01:34
0	0	0	0	0	0	0	0	0	06:31:20	0	0	0	0	0	0	0	0	0	0	06:31:23	0	0	0	0	0	0	0	0	0	0	06:32:42	00:01:35
0	0	0	0	0	0	0	0	0	06:37:46	0	0	0	0	0	0	0	0	0	0	06:37:49	0	0	0	0	0	0	0	0	0	0	06:39:07	00:01:34
0	0	0	0	0	0	0	0	0	06:48:58	0	0	0	0	0	0	0	0	0	0	06:49:01	0	0	0	0	0	0	0	0	0	0	06:50:19	00:01:34
0	0	0	0	0	0	0	0	0	06:52:06	0	0	0	0	0	0	0	0	0	0	06:52:09	0	0	0	0	0	0	0	0	0	0	06:53:31	00:01:38
0	0	0	0	0	0	0	0	0	06:56:54	0	0	0	0	0	0	0	0	0	0	06:56:57	0	0	0	0	0	0	0	0	0	0	06:58:19	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: 1D01981
Site Number: Site 120
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand** (hh:mm:ss)	Vehicle Classifications During Full Demand**										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:01:23	0	0	0	0	0	0	0	0	0	0	06:01:25	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
2	06:04:20	0	0	0	0	0	0	0	0	0	0	06:04:22	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
3	06:10:17	0	0	0	0	0	0	0	0	0	0	06:10:19	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
4	06:13:28	0	0	0	0	0	0	0	0	0	0	06:13:30	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
5	06:18:19	0	0	0	0	0	0	0	0	0	0	06:18:21	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
6	06:31:05	0	0	0	0	0	0	0	0	0	0	06:31:07	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
7	06:37:31	0	0	0	0	0	0	0	0	0	0	06:37:33	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
8	06:48:43	0	0	0	0	0	0	0	0	0	0	06:48:45	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
9	06:51:51	0	0	0	0	0	0	0	0	0	0	06:51:53	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0
10	06:56:39	0	0	0	0	0	0	0	0	0	0	06:56:41	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0		0

*** Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed**
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:00:49	08:00:51	08:01:04	08:01:07	08:02:28	00:00:13	00:01:37	1	4
	2	08:04:02	08:04:04	08:04:17	08:04:20	08:05:38	00:00:13	00:01:34		
	3	08:07:14	08:07:16	08:07:29	08:07:32	08:08:50	00:00:13	00:01:34		
	4	08:10:30	08:10:32	08:10:45	08:10:48	08:12:06	00:00:13	00:01:34		
	5	08:13:38	08:13:40	08:13:53	08:13:56	08:15:14	00:00:13	00:01:34		
08:15 - 08:30	6	08:16:50	08:16:52	08:17:06	08:17:08	08:18:26	00:00:13	00:01:34	11	44
	7	08:20:02	08:20:04	08:20:17	08:20:20	08:21:38	00:00:13	00:01:34		
	8	08:23:14	08:23:16	08:23:29	08:23:32	08:24:50	00:00:13	00:01:34		
	9	08:26:30	08:26:32	08:26:45	08:26:48	08:28:08	00:00:13	00:01:36		
	10	08:28:08	08:28:10	08:28:23	08:28:25	08:29:40	00:00:13	00:01:30		
08:30 - 08:45	11	08:31:17	08:31:19	08:31:32	08:31:35	08:32:53	00:00:13	00:01:34	7	28
	12	08:34:30	08:34:32	08:34:45	08:34:48	08:36:06	00:00:13	00:01:34		
	13	08:37:42	08:37:44	08:37:57	08:38:00	08:39:18	00:00:13	00:01:34		
	14	08:40:58	08:41:00	08:41:13	08:41:16	08:42:37	00:00:13	00:01:37		
	15	08:44:09	08:44:11	08:44:24	08:44:27	08:45:45	00:00:13	00:01:34		
08:45 - 09:00	16	08:47:17	08:47:19	08:47:32	08:47:35	08:48:53	00:00:13	00:01:34	9	36
	17	08:50:29	08:50:31	08:50:44	08:50:47	08:52:08	00:00:13	00:01:37		
	18	08:52:08	08:52:10	08:52:23	08:52:26	08:53:40	00:00:13	00:01:30		
	19	08:55:20	08:55:22	08:55:35	08:55:38	08:56:56	00:00:13	00:01:34		
	20	08:58:28	08:58:30	08:58:43	08:58:46	09:00:08	00:00:13	00:01:38		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:14	17:00:16	17:00:29	17:00:32	17:01:46	00:00:13	00:01:30	32	128
	2	17:03:26	17:03:28	17:03:41	17:03:44	17:04:58	00:00:13	00:01:30		
	3	17:06:38	17:06:40	17:06:53	17:06:56	17:08:10	00:00:13	00:01:30		
	4	17:09:50	17:09:52	17:10:05	17:10:08	17:11:22	00:00:13	00:01:30		
	5	17:13:01	17:13:03	17:13:16	17:13:19	17:14:33	00:00:13	00:01:30		
17:15 - 17:30	6	17:16:13	17:16:15	17:16:28	17:16:31	17:17:45	00:00:13	00:01:30	22	88
	7	17:19:24	17:19:26	17:19:39	17:19:42	17:20:56	00:00:13	00:01:30		
	8	17:22:33	17:22:34	17:22:47	17:22:50	17:24:08	00:00:13	00:01:34		
	9	17:25:48	17:25:50	17:26:03	17:26:06	17:27:36	00:00:13	00:01:46		
	10	17:27:36	17:27:38	17:27:50	17:27:53	17:29:22	00:00:12	00:01:44		
17:30 - 17:45	11	17:31:08	17:31:10	17:31:22	17:31:25	17:33:05	00:00:12	00:01:50	22	88
	12	17:34:58	17:35:00	17:35:12	17:35:15	17:36:56	00:00:12	00:01:56		
	13	17:38:42	17:38:44	17:38:56	17:38:59	17:40:40	00:00:12	00:01:56		
	14	17:42:26	17:42:28	17:42:40	17:42:43	17:44:22	00:00:12	00:01:54		
	15	17:44:22	17:44:24	17:44:36	17:44:39	17:46:08	00:00:12	00:01:44		
17:45 - 18:00	16	17:48:06	17:48:08	17:48:20	17:48:23	17:49:52	00:00:12	00:01:44	20	80
	17	17:51:50	17:51:52	17:52:04	17:52:07	17:53:36	00:00:12	00:01:44		
	18	17:53:36	17:53:38	17:53:50	17:53:53	17:55:34	00:00:12	00:01:56		
	19	17:57:32	17:57:34	17:57:46	17:57:49	17:59:18	00:00:12	00:01:44		
	20	17:59:18	17:59:20	17:59:32	17:59:35	18:01:14	00:00:12	00:01:54		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	Average
0	00:00:00	0	0

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	1	4	00:01:35	00:00:13	0	0.00%	
08:15 - 08:30	11	44	00:01:34	00:00:13	0	0.00%	
08:30 - 08:45	7	28	00:01:35	00:00:13	0	0.00%	Average
08:45 - 09:00	9	36	00:01:35	00:00:13	0	0.00%	0.00%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	32	128	00:01:30	00:00:13	0	0.00%	
17:15 - 17:30	22	88	00:01:37	00:00:13	0	0.00%	
17:30 - 17:45	22	88	00:01:52	00:00:12	0	0.00%	Average
17:45 - 18:00	20	80	00:01:48	00:00:12	0	0.00%	0.00%

Vehicle Classifications After Full Demand Ends											Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	0	0	0	0	0	0	0	0	06:01:37	0	0	0	0	0	0	0	0	0	0	06:01:40	0	0	0	0	0	0	0	0	0	0	06:02:51	00:01:26
0	0	0	0	0	0	0	0	0	06:04:34	0	0	0	0	0	0	0	0	0	0	06:04:37	0	0	0	0	0	0	0	0	0	0	06:05:51	00:01:29
0	0	0	0	0	0	0	0	0	06:10:32	0	0	0	0	0	0	0	0	0	0	06:10:35	0	0	0	0	0	0	0	0	0	0	06:11:49	00:01:33
0	0	0	0	0	0	0	0	0	06:13:43	0	0	0	0	0	0	0	0	0	0	06:13:46	0	0	0	0	0	0	0	0	0	0	06:15:04	00:01:34
0	0	0	0	0	0	0	0	0	06:18:34	0	0	0	0	0	0	0	0	0	0	06:18:37	0	0	0	0	0	0	0	0	0	0	06:19:55	00:01:34
0	0	0	0	0	0	0	0	0	06:31:20	0	0	0	0	0	0	0	0	0	0	06:31:23	0	0	0	0	0	0	0	0	0	0	06:32:42	00:01:35
0	0	0	0	0	0	0	0	0	06:37:46	0	0	0	0	0	0	0	0	0	0	06:37:49	0	0	0	0	0	0	0	0	0	0	06:39:07	00:01:34
0	0	0	0	0	0	0	0	0	06:48:58	0	0	0	0	0	0	0	0	0	0	06:49:01	0	0	0	0	0	0	0	0	0	0	06:50:19	00:01:34
0	0	0	0	0	0	0	0	0	06:52:06	0	0	0	0	0	0	0	0	0	0	06:52:09	0	0	0	0	0	0	0	0	0	0	06:53:31	00:01:38
0	0	0	0	0	0	0	0	0	06:56:54	0	0	0	0	0	0	0	0	0	0	06:56:57	0	0	0	0	0	0	0	0	0	0	06:58:19	00:01:38

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01081
Site Number: Site 120
Survey Date: 12.06.2014

Input by: Hannah Lacy
Checked by: Luke Martin

06:00 - 07:00
Saturation Flow

	Time at Start of Red/Amber (hh:mm:ss)	Vehicle Classifications During Red/Amber										Start of Green Phase (hh:mm:ss)	Vehicle Classifications Between Start of Green and Time of Full Demand*										Time at Start of Full Demand*† (hh:mm:ss)	Vehicle Classifications During Full Demand*										Time at End of Full Demand† (hh:mm:ss)	
		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU		Car
1	06:13:46	0	0	0	0	0	0	0	0	0	0	06:13:48	1	0	0	0	0	1	0	2	0	4	06:14:05	5	1	0	0	0	0	0	0	0	6	06:14:16	4
2	06:21:49	0	0	0	0	0	0	0	0	0	0	06:21:51	2	2	1	0	0	3	0	0	0	11	06:22:20	3	4	1	1	0	0	0	2	1	14	06:22:46	0
3	06:25:00	0	0	0	0	0	0	0	0	0	0	06:25:02	0	1	1	0	0	3	0	1	0	2	06:25:10	7	1	0	0	0	0	0	0	0	8	06:25:26	7
4	06:26:38	0	0	0	0	0	0	0	0	0	0	06:26:40	5	1	1	3	2	0	1	0	1	15	–	0	0	0	0	0	0	0	0	0	0	–	2
5	06:34:36	0	0	0	0	0	0	0	0	0	0	06:34:38	9	1	4	0	0	0	0	1	0	14		0	0	0	0	0	0	0	0	0	0		0
6	06:37:49	0	0	0	0	0	0	0	0	0	0	06:37:51	7	2	1	0	0	1	0	2	4	14		0	0	0	0	0	0	0	0	0	0		0
7	06:41:01	0	0	0	0	0	0	0	0	0	0	06:41:03	1	0	1	0	0	0	0	0	0	2	06:41:10	1	2	1	0	0	2	0	0	0	8	06:41:22	3
8	06:44:13	0	0	0	0	0	0	0	0	0	0	06:44:15	0	0	1	0	0	1	0	0	0	3	06:44:26	2	0	3	1	0	0	0	0	1	7	06:44:36	4
9	06:52:09	0	0	0	0	0	0	0	0	0	0	06:52:11	0	1	1	0	0	0	0	0	0	2	06:52:18	3	0	0	2	0	0	0	0	0	9	06:52:40	1
10	06:55:25	0	0	0	0	0	0	0	0	0	0	06:55:27	6	2	1	1	0	2	0	1	2	15		0	0	0	0	0	0	0	0	0	6		0

* Full Demand = 6 or more vehicles crossing the stopline in a saturated state after the second vehicle has passed
† End of Full Demand = when there is more than a 3 second gap between vehicles

08:00 - 09:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
08:00 - 08:15	1	08:01:07	08:01:09	08:02:16	08:02:19	08:02:46	00:01:07	00:01:37	174	696
	2	08:04:20	08:04:22	08:05:25	08:05:29	08:05:56	00:01:04	00:01:34		
	3	08:07:32	08:07:34	08:08:38	08:08:41	08:09:08	00:01:04	00:01:34		
	4	08:09:08	08:09:10	08:10:18	08:10:21	08:10:48	00:01:08	00:01:38		
	5	08:12:24	08:12:26	08:13:26	08:13:29	08:13:56	00:01:00	00:01:30		
08:15 - 08:30	6	08:15:32	08:15:34	08:16:38	08:16:41	08:17:08	00:01:04	00:01:34	175	700
	7	08:18:44	08:18:46	08:19:50	08:19:53	08:20:20	00:01:04	00:01:34		
	8	08:21:56	08:21:58	08:23:02	08:23:05	08:23:32	00:01:04	00:01:34		
	9	08:25:08	08:25:10	08:26:18	08:26:21	08:26:48	00:01:08	00:01:38		
	10	08:26:48	08:26:50	08:27:56	08:27:59	08:28:26	00:01:06	00:01:36		
08:30 - 08:45	11	08:31:35	08:31:37	08:32:41	08:32:44	08:33:11	00:01:04	00:01:34	181	724
	12	08:34:48	08:34:50	08:35:54	08:35:57	08:36:24	00:01:04	00:01:34		
	13	08:38:00	08:38:02	08:39:06	08:39:09	08:39:36	00:01:04	00:01:34		
	14	08:41:16	08:41:18	08:42:25	08:42:28	08:42:55	00:01:07	00:01:37		
	15	08:42:55	08:42:57	08:43:56	08:43:59	08:44:27	00:00:59	00:01:30		
08:45 - 09:00	16	08:46:03	08:46:05	08:47:05	08:47:08	08:47:34	00:01:00	00:01:29	178	712
	17	08:49:11	08:49:13	08:50:16	08:50:19	08:50:47	00:01:03	00:01:34		
	18	08:50:47	08:50:49	08:51:55	08:51:58	08:52:25	00:01:06	00:01:36		
	19	08:53:57	08:53:59	08:55:07	08:55:10	08:55:37	00:01:08	00:01:38		
	20	08:57:13	08:57:15	08:58:15	08:58:18	08:58:45	00:01:00	00:01:30		

17:00 - 18:00
Degree of Saturation

		Time at Start of Red/Amber (hh:mm:ss)	Start of Green Phase (hh:mm:ss)	End of Green Phase (hh:mm:ss)	Time at End of Amber (hh:mm:ss)	Time at End of Red (hh:mm:ss)	Green Time (hh:mm:ss)	Full Cycle Time (hh:mm:ss)	PCU count according to MCC	Extrapolated Hourly Flow
17:00 - 17:15	1	17:00:30	17:00:32	17:01:32	17:01:35	17:02:02	00:01:00	00:01:30	185	740
	2	17:03:42	17:03:44	17:04:44	17:04:47	17:05:14	00:01:00	00:01:30		
	3	17:06:54	17:06:56	17:07:56	17:07:59	17:08:26	00:01:00	00:01:30		
	4	17:10:06	17:10:08	17:11:08	17:11:11	17:11:38	00:01:00	00:01:30		
	5	17:13:17	17:13:19	17:14:19	17:14:22	17:14:49	00:01:00	00:01:30		
17:15 - 17:30	6	17:16:29	17:16:31	17:17:31	17:17:34	17:18:01	00:01:00	00:01:30	176	704
	7	17:18:01	17:18:03	17:19:10	17:19:13	17:19:40	00:01:07	00:01:37		
	8	17:21:12	17:21:14	17:22:18	17:22:21	17:22:48	00:01:04	00:01:34		
	9	17:24:24	17:24:26	17:25:34	17:25:37	17:26:04	00:01:08	00:01:38		
	10	17:27:51	17:27:53	17:29:08	17:29:11	17:29:37	00:01:15	00:01:44		
17:30 - 17:45	11	17:31:23	17:31:25	17:32:46	17:32:49	17:33:15	00:01:23	00:01:53	227	908
	12	17:35:13	17:35:15	17:36:42	17:36:45	17:37:11	00:01:27	00:01:56		
	13	17:38:57	17:38:59	17:40:26	17:40:29	17:40:55	00:01:27	00:01:56		
	14	17:42:41	17:42:43	17:44:08	17:44:11	17:44:37	00:01:25	00:01:54		
	15	17:44:37	17:44:39	17:45:54	17:45:57	17:46:23	00:01:15	00:01:44		
17:45 - 18:00	16	17:48:21	17:48:23	17:49:38	17:49:41	17:50:07	00:01:15	00:01:44	233	932
	17	17:50:07	17:50:09	17:51:36	17:51:39	17:52:05	00:01:27	00:01:56		
	18	17:52:05	17:52:07	17:53:22	17:53:25	17:53:51	00:01:15	00:01:44		
	19	17:55:49	17:55:51	17:57:18	17:57:21	17:57:47	00:01:27	00:01:56		
	20	17:57:47	17:57:49	17:59:04	17:59:07	17:59:33	00:01:15	00:01:44		

Saturation Flow

06:00 - 07:00

PCUs During Full Demand	Green Time During Full Demand	Total Saturation Flow	
6	00:00:11	1964	
14	00:00:26	1925	
8	00:00:16	1800	
0	00:00:00	0	
0	00:00:00	0	
0	00:00:00	0	
8	00:00:12	2400	
7	00:00:10	2412	
9	00:00:22	1473	Average
0	00:00:00	0	1995

DoS (AM Peak)

08:00 - 09:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
08:00 - 08:15	174	696	00:01:35	00:01:05	1995	51.08%	
08:15 - 08:30	175	700	00:01:35	00:01:05	1995	51.32%	
08:30 - 08:45	181	724	00:01:34	00:01:04	1995	53.51%	Average
08:45 - 09:00	178	712	00:01:33	00:01:03	1995	52.56%	52.09%

DoS (PM Peak)

17:00 - 18:00	Traffic Flow	Hourly Flow	Average Cycle Time	Average Green Time	Saturation Flow	Degree of Saturation	
17:00 - 17:15	185	740	00:01:30	00:01:00	1995	55.63%	
17:15 - 17:30	176	704	00:01:37	00:01:07	1995	51.07%	
17:30 - 17:45	227	908	00:01:52	00:01:23	1995	61.40%	Average
17:45 - 18:00	233	932	00:01:49	00:01:20	1995	63.68%	57.95%

Vehicle Classifications After Full Demand Ends										Vehicle Classifications During Amber										Vehicle Classifications During Red											
Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Green (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Amber (hh:mm:ss)	Car	Taxi	LGV	OGV 1	OGV 2	PSV	Coach	M/C	P/C	PCU	Time at End of Red (hh:mm:ss)	Full Cycle Time (hh:mm:ss)
0	1	0	0	0	0	1	0	5	06:14:52	0	0	0	0	0	0	0	0	0	0	06:14:55	0	0	0	0	0	0	0	0	0	0	06:15:22	00:01:34
0	0	0	0	0	0	0	0	0	06:22:51	0	0	0	1	0	0	0	0	0	2	06:22:54	0	0	0	0	0	0	0	0	0	0	06:23:21	00:01:30
0	0	1	0	0	0	0	0	9	06:26:08	0	0	0	0	0	0	0	0	0	0	06:26:11	0	0	0	0	0	0	0	0	0	0	06:26:38	00:01:36
0	2	0	1	0	0	0	0	6	06:27:42	1	0	0	0	0	0	0	0	0	1	06:27:45	0	0	0	0	0	0	0	0	0	0	06:28:10	00:01:30
0	0	0	0	0	0	0	0	0	06:35:42	0	0	0	0	0	0	0	0	0	0	06:35:45	0	0	0	0	0	0	0	0	0	0	06:36:12	00:01:34
0	0	0	0	0	0	0	0	0	06:38:55	0	0	0	0	0	0	0	0	0	0	06:38:58	0	0	0	0	0	0	0	0	0	0	06:39:25	00:01:34
1	0	1	1	0	0	2	0	9	06:42:03	0	0	0	0	0	0	0	0	0	0	06:42:06	0	0	0	0	0	0	0	0	0	0	06:42:33	00:01:30
1	1	0	0	0	0	0	2	6	06:45:19	0	0	0	0	0	0	0	0	0	0	06:45:22	0	0	0	0	0	0	0	0	0	0	06:45:49	00:01:34
1	0	0	0	0	0	1	1	3	06:53:19	0	0	0	0	0	0	0	0	0	0	06:53:22	0	0	0	0	0	0	0	0	0	0	06:53:49	00:01:38
0	0	0	0	0	0	0	0	0	06:56:27	0	0	0	0	0	0	0	0	0	0	06:56:30	0	0	0	0	0	0	0	0	0	0	06:56:57	00:01:30

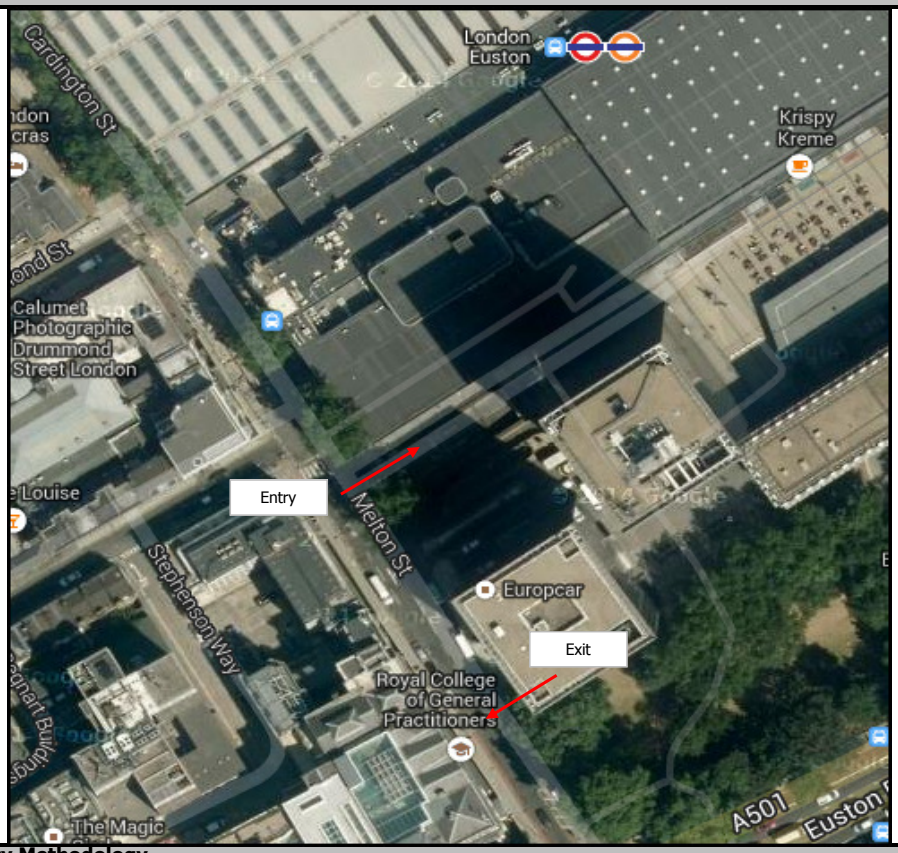
Appendix I – taxi and private vehicle occupancy

Intelligent Data Collection Limited

Client: Arup
Project Number: ID01981
Date of Survey: 12.06.2014
Junction Name: Euston Station Taxi Area
Survey Type: Vehicle Occupancy

X Coordinate	Y Coordinate	Google Maps Link
51.526955	-0.134283	Click Here
AM Peak Conditions	**PM Peak Conditions**	
Dry and Clear	Dry and Clear	

Junction Layout



Vehicle Occupancy Methodology

Staff have noted the occupancy of all vehicles where possible, but have prioritised logging London Taxis. During busy periods and in instances where vehicles have blacked out windows, it has not always been possible to count the number of passengers for every vehicle. The majority have been recorded however.

Additional Notes (Factors which may impact on survey results such as accidents, roadworks, special events)

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Station Taxi Area
Direction: Entry

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Classification	Time (hh:mm)	Number of passengers						
		0	1	2	3	4	5	6+
Private Hire	07:01		1					
London Taxi	07:02	1						
London Taxi	07:04	1						
Private Hire	07:06		1					
Private Hire	07:06		1					
Private Hire	07:06		1					
London Taxi	07:06		1					
London Taxi	07:06		1					
London Taxi	07:06	1						
Private Hire	07:10		1					
London Taxi	07:10	1						
London Taxi	07:10		1					
London Taxi	07:10	1						
London Taxi	07:10		1					
Private Hire	07:10		1					
London Taxi	07:12		1					
London Taxi	07:12	1						
London Taxi	07:12	1						
Private Hire	07:12		1					
Private Hire	07:12		1					
Private Hire	07:12		1					
London Taxi	07:12	1						
Private Hire	07:12		1					
Private Hire	07:14		1					
Private Hire	07:15	1						
London Taxi	07:15	1						
London Taxi	07:17	1						
London Taxi	07:18		1					
London Taxi	07:18	1						
Private Hire	07:20	1						
London Taxi	07:20	1						
Private Hire	07:20		1					
London Taxi	07:20	1						
Private Hire	07:20		1					
London Taxi	07:20	1						
London Taxi	07:20	1						
London Taxi	07:20		1					
London Taxi	07:20		1					
London Taxi	07:21		1					
Private Hire	07:21	1						
London Taxi	07:21	1						
Other	07:21		1					
London Taxi	07:21		1					
Other	07:21		1					
London Taxi	07:22	1						
Other	07:22	1						
London Taxi	07:24				1			
Private Hire	07:24		1					
London Taxi	07:24	1						
London Taxi	07:24		1					
Private Hire	07:24	1						
Private Hire	07:24		1					
London Taxi	07:24	1						
London Taxi	07:25	1						
Private Hire	07:26		1					
Private Hire	07:26		1					
London Taxi	07:26		1					
London Taxi	07:27	1						
London Taxi	07:27		1					
London Taxi	07:27	1						
London Taxi	07:27		1					
London Taxi	07:27		1			1		
London Taxi	07:27		1					
Private Hire	07:27		1					
London Taxi	07:27		1					
Private Hire	07:27	1						
Other	07:28	1						
Private Hire	07:28		1					
Private Hire	07:29		1					
London Taxi	07:30	1						
London Taxi	07:30	1						
London Taxi	07:30	1						
London Taxi	07:30	1						
London Taxi	07:30	1						
London Taxi	07:30	1						
London Taxi	07:31	1						
Private Hire	07:32			1				
Private Hire	07:32		1					
Private Hire	07:32		1					
Other	07:32		1					
London Taxi	07:32		1					
Other	07:32	1						
London Taxi	07:32	1						
London Taxi	07:32	1						
London Taxi	07:32	1						
Private Hire	07:33		1					
Private Hire	07:34		1					
Private Hire	07:34	1						
Private Hire	07:35		1					
London Taxi	07:35	1						
London Taxi	07:35		1					
London Taxi	07:35		1					
Private Hire	07:36	1						
Private Hire	07:36		1					
London Taxi	07:36		1					
Private Hire	07:36		1					
London Taxi	07:36	1						
London Taxi	07:36		1					
London Taxi	07:37		1					
London Taxi	07:37	1						
Private Hire	07:37		1					
London Taxi	07:37		1					
Private Hire	07:37	1						
London Taxi	07:38	1						
London Taxi	07:38	1						
London Taxi	07:38	1						
London Taxi	07:38		1					
London Taxi	07:38		1					
Other	07:38	1						
Other	07:39	1						
Other	07:39		1					
London Taxi	07:39		1					
London Taxi	07:39	1						
London Taxi	07:40				1			
London Taxi	07:40			1				
London Taxi	07:40		1					
London Taxi	07:40	1						
London Taxi	07:41	1						
London Taxi	07:41				1			
London Taxi	07:41	1						
Private Hire	07:41	1						
London Taxi	07:42		1					
London Taxi	07:42			1				
London Taxi	07:43	1						
London Taxi	07:44	1						
London Taxi	07:44	1						
London Taxi	07:44				1			
London Taxi	07:44	1						
Private Hire	07:44	1						
Other	07:44	1						
London Taxi	07:44	1						
Private Hire	07:45	1						
Other	07:46	1						
London Taxi	07:46	1						
London Taxi	07:46	1						
London Taxi	07:46	1						
London Taxi	07:47	1						
London Taxi	07:47	1						
Private Hire	07:47		1					
Private Hire	07:47	1						
London Taxi	07:47	1						
Other	07:47	1						
London Taxi	07:48			1				
London Taxi	07:48			1				

Time Interval	0 Passengers	1 Passenger	2 Passengers	3 Passengers	4 Passengers	5 Passengers	6+ Passengers
07:00:00	8	16					
07:15:00	21	22		1	1		
07:30:00	34	22	5	1			
07:45:00	43	32	7				
08:00:00	40	31	5	1			
08:15:00	26	13	1		1	1	
08:30:00	41	22	8	1			
08:45:00	34	17	14	3			1
09:00:00	39	15	6	5			
09:15:00	37	18	8	2			
09:30:00	52	19	12	2	2		
09:45:00	44	16	18	3	1	1	
10:00:00	2	2					
Grand Total	**421**	**245**	**84**	**19**	**5**	**2**	**1**

General Statistics

Time Interval	Vehicles Surveyed	Average Occupancy
07:00:00	24	0.67
07:15:00	45	0.64
07:30:00	62	0.56
07:45:00	82	0.56
08:00:00	77	0.57
08:15:00	42	0.57
08:30:00	72	0.57
08:45:00	69	0.87
09:00:00	65	0.65
09:15:00	65	0.62
09:30:00	87	0.66
09:45:00	83	0.84
10:00:00	4	0.50
Grand Total	**777**	**0.65**

Private Hire	07:48		1					
London Taxi	07:48	1						
London Taxi	07:48		1					
Private Hire	07:48		1					
Other	07:48		1					
London Taxi	07:48	1						
London Taxi	07:48		1					
Other	07:50	1						
Private Hire	07:50		1					
Private Hire	07:50		1					
London Taxi	07:50	1						
Private Hire	07:50		1					
Private Hire	07:50		1					
London Taxi	07:50	1						
London Taxi	07:50		1					
London Taxi	07:51	1						
London Taxi	07:51	1						
London Taxi	07:52	1						
London Taxi	07:52	1						
London Taxi	07:52		1					
Private Hire	07:52		1					
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London Taxi	07:54		1					
Private Hire	07:54		1					
Private Hire	07:55	1						
Private Hire	07:55			1				
London Taxi	07:55	1						
Private Hire	07:55			1				
London Taxi	07:55	1						
Private Hire	07:56		1					
Other	07:56		1					
Private Hire	07:56			1				
London Taxi	07:56	1						
London Taxi	07:57		1					
Private Hire	07:57		1					
London Taxi	07:57	1						
Private Hire	07:57		1					
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London Taxi	07:58	1						
London Taxi	07:58		1					
London Taxi	07:58	1						
Private Hire	07:58		1					
Other	07:58		1					
Other	07:58		1					
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London Taxi	08:00	1						
Private Hire	08:00		1					
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Private Hire	08:00		1					
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Other	08:00	1						
London Taxi	08:00	1						
Private Hire	08:00		1					
London Taxi	08:00		1					
Private Hire	08:00	1						
Private Hire	08:02			1				
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London Taxi	08:04		1					
Other	08:05	1						
London Taxi	08:05	1						
Other	08:05		1					
Other	08:06		1					
London Taxi	08:06		1					
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London Taxi	08:06		1					
Private Hire	08:08	1						
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Private Hire	08:12	1						
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Private Hire	08:14		1					
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London Taxi	08:15	1						
Private Hire	08:15	1						
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Other	08:17		1					
Private Hire	08:17		1					
Other	08:17	1						
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Other	08:25	1						
Private Hire	08:25		1					
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Private Hire	08:27		1					
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Private Hire	08:30				1			
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Other	08:32		1					
Private Hire	08:32	1						
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Private Hire	08:33		1					
Private Hire	08:33			1				
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Other	08:34			1				
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Other	08:36	1						
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London Taxi	08:36	1						
Private Hire	08:36	1						
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Private Hire	08:36		1					
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London Taxi	08:39	1						
Private Hire	08:39		1					
London Taxi	08:39	1						
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Private Hire	08:40				1			
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Private Hire	08:40		1					
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Private Hire	08:44	1						
London Taxi	08:45	1						
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Other	08:46		1					
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London Taxi	08:46	1						
Private Hire	08:46	1						
London Taxi	08:46	1						
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London Taxi	08:47		1					
Private Hire	08:47		1					
Other	08:48	1						
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Private Hire	08:48				1			
Private Hire	08:48		1					
London Taxi	08:48				1			
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Private Hire	08:48							1
Other	08:48	1						
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Other	08:51	1						
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Private Hire	08:53				1			
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Other	08:54	1						
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Private Hire	08:55				1			
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Other	08:55	1						
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Other	08:56	1						
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Other	08:57		1					
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London Taxi	08:59			1				
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London Taxi	09:00	1						
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Private Hire	09:00				1			
Other	09:00	1						
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Private Hire	09:00		1					
London Taxi	09:00				1			
Private Hire	09:00		1					
Private Hire	09:01	1						
Private Hire	09:01	1						
Private Hire	09:01	1						
London Taxi	09:01		1					
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London Taxi	09:02	1						
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Other	09:03	1						
Private Hire	09:05				1			
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Private Hire	09:06		1					
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Private Hire	09:09				1			
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Private Hire	09:13		1					
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Private Hire	09:15		1					
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Private Hire	09:16	1						
London Taxi	09:16	1						
Private Hire	09:16				1			
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Private Hire	09:21		1					
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Private Hire	09:21	1						
London Taxi	09:21	1						
Other	09:22		1					
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Private Hire	09:22					1		
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Private Hire	09:22	1						
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Private Hire	09:23		1					
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Private Hire	09:25		1					
Other	09:26		1					
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Private Hire	09:30		1					
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Other	09:33	1						
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Other	09:36			1				
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Other	09:37	1						
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London Taxi	09:37			1				
Other	09:37	1						
Private Hire	09:37		1					
Private Hire	09:37		1					
Private Hire	09:37	1						
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Private Hire	09:40		1					
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Private Hire	09:41			1				
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London Taxi	09:45	1						
Other	09:45	1						
Private Hire	09:45	1						
London Taxi	09:45			1				
Other	09:46	1						
Other	09:46	1						
Private Hire	09:46		1					
London Taxi	09:46			1				
London Taxi	09:46		1					
Private Hire	09:46			1				
London Taxi	09:47			1				
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Private Hire	09:47		1					
London Taxi	09:49			1				
London Taxi	09:49	1						
Other	09:49	1						
Private Hire	09:49	1						
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Private Hire	09:53				1			
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Private Hire	09:53			1				
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London Taxi	09:55		1					
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London Taxi	09:55	1						
London Taxi	09:55		1					
London Taxi	09:55		1					
London Taxi	09:57	1						
London Taxi	09:57		1					
London Taxi	09:57			1				
Other	09:57	1						
London Taxi	09:57	1						
London Taxi	09:58	1						
London Taxi	09:58			1				
London Taxi	09:58		1					
Other	09:58	1						
London Taxi	09:58	1						
London Taxi	09:58					1		
Other	09:58	1						
Private Hire	09:58			1				
Private Hire	09:58			1				
London Taxi	09:58	1						
London Taxi	09:58	1						
London Taxi	09:59	1						
London Taxi	09:59	1						
Private Hire	09:59		1					
London Taxi	09:59	1						
London Taxi	09:59			1				
Private Hire	10:00		1					
London Taxi	10:00		1					
London Taxi	10:00	1						
London Taxi	10:00	1						
	TOTAL	421	245	84	19	5	2	1

Intelligent Data Collection Limited

intelligentdata

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Station Taxi Area
Direction: Exit

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Classification	Time (hh:mm)	Number of passengers						
		0	1	2	3	4	5	6+
London Taxi	07:02	1						
London Taxi	07:03		1					
London Taxi	07:04			1				
London Taxi	07:04		1					
London Taxi	07:06	1						
London Taxi	07:06		1					
London Taxi	07:07		1					
London Taxi	07:07			1				
London Taxi	07:07		1					
Other	07:08	1						
Other	07:08	1						
Private Hire	07:09	1						
London Taxi	07:09	1						
London Taxi	07:09	1						
London Taxi	07:09	1						
London Taxi	07:10		1					
Other	07:10	1						
Other	07:10	1						
Other	07:11	1						
London Taxi	07:12	1						
London Taxi	07:13		1					
London Taxi	07:13	1						
Other	07:13	1						
Other	07:14	1						
Other	07:14		1					
London Taxi	07:14		1					
London Taxi	07:14		1					
Other	07:15		1					
Other	07:15	1						
London Taxi	07:15	1						
London Taxi	07:15		1					
London Taxi	07:16		1					
London Taxi	07:18						1	
Private Hire	07:18			1				
London Taxi	07:18		1					
London Taxi	07:18	1						
Private Hire	07:20	1						
Private Hire	07:20	1						
London Taxi	07:20		1					
London Taxi	07:21		1					
Other	07:21	1						
London Taxi	07:21	1						
London Taxi	07:22	1						
Other	07:22	1						
London Taxi	07:22	1						
London Taxi	07:23	1						
London Taxi	07:24		1					
Private Hire	07:25	1						
Private Hire	07:25	1						
London Taxi	07:25		1					
London Taxi	07:25		1					
London Taxi	07:26			1				
London Taxi	07:26		1					
Private Hire	07:26	1						
London Taxi	07:26	1						
Private Hire	07:27	1						
London Taxi	07:27			1				
Other	07:28	1						
London Taxi	07:28		1					
London Taxi	07:28		1					
London Taxi	07:28		1					
London Taxi	07:28		1					
London Taxi	07:29		1					
London Taxi	07:29		1					
London Taxi	07:29		1					
London Taxi	07:29		1					
London Taxi	07:29		1					
Private Hire	07:30	1						
Private Hire	07:30	1						
Other	07:30	1						
London Taxi	07:30	1						
London Taxi	07:30		1					
Private Hire	07:30	1						
London Taxi	07:31	1						
Private Hire	07:31		1					
London Taxi	07:31	1						
London Taxi	07:32			1				
London Taxi	07:33		1					
Private Hire	07:33	1						
London Taxi	07:34	1						
London Taxi	07:34		1					
Private Hire	07:34	1						
London Taxi	07:34		1					
London Taxi	07:35	1						
London Taxi	07:35	1						
London Taxi	07:35				1			
London Taxi	07:35	1						
Other	07:35	1						
Other	07:36	1						
London Taxi	07:36	1						
Private Hire	07:36	1						
London Taxi	07:36	1						
Private Hire	07:36	1						
London Taxi	07:36	1						
London Taxi	07:37		1					
London Taxi	07:38	1						
London Taxi	07:38	1						
London Taxi	07:38		1					
London Taxi	07:38		1					
London Taxi	07:38		1					
London Taxi	07:39		1					
London Taxi	07:39	1						
London Taxi	07:39	1						
London Taxi	07:40		1					
London Taxi	07:40		1					
Other	07:40	1						
London Taxi	07:40		1					
London Taxi	07:40		1					
London Taxi	07:40	1						
London Taxi	07:41	1						
London Taxi	07:41	1						
London Taxi	07:41	1						
London Taxi	07:42	1						
London Taxi	07:42			1				
London Taxi	07:42		1					
London Taxi	07:43		1					
London Taxi	07:43			1				
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London Taxi	07:43		1					
London Taxi	07:44		1					
London Taxi	07:44			1				
London Taxi	07:44	1						
London Taxi	07:45		1					
Other	07:45	1						
Private Hire	07:45		1					
Private Hire	07:47			1				
London Taxi	07:47	1						
Other	07:48	1						
London Taxi	07:48	1						
Private Hire	07:48	1						
London Taxi	07:49	1						
London Taxi	07:49	1						
London Taxi	07:49	1						
London Taxi	07:49		1					
Private Hire	07:49		1					
London Taxi	07:50			1				
Private Hire	07:50	1						
Private Hire	07:50	1						
Private Hire	07:50	1						
London Taxi	07:50		1					
London Taxi	07:50		1					
Other	07:51	1						
Private Hire	07:51		1					
Private Hire	07:51	1						
London Taxi	07:51		1					
London Taxi	07:51	1						
London Taxi	07:51	1						
London Taxi	07:52		1					
London Taxi	07:52		1					
Other	07:53	1						
London Taxi	07:53	1						
London Taxi	07:53	1						
London Taxi	07:53	1						
London Taxi	07:53				1			
London Taxi	07:54			1				
London Taxi	07:54		1					
Private Hire	07:55		1					
London Taxi	07:55		1					
London Taxi	07:55		1					
London Taxi	07:55			1				
London Taxi	07:55			1				
London Taxi	07:55		1					
London Taxi	07:56	1						
Other	07:56	1						
Other	07:56	1						
Other	07:56	1						
Private Hire	07:56		1					
London Taxi	07:57		1					
Private Hire	07:57		1					
Other	07:57	1						
London Taxi	07:57		1					

Time Interval	0 Passengers	1 Passenger	2 Passengers	3 Passengers	4 Passengers	5 Passengers	6+ Passengers
07:00:00	15	10	2				
07:15:00	17	19	3			1	
07:30:00	31	19	4	1			
07:45:00	35	22	7	1			
08:00:00	23	37	6				
08:15:00	23	28	4	1			
08:30:00	28	43	9				
08:45:00	12	46	13	1			
09:00:00	12	34	10	2	1		1
09:15:00	8	36	6				
09:30:00	19	46	17	1	2	1	
09:45:00	9	35	15		4	2	
Grand Total	**232**	**375**	**96**	**7**	**7**	**4**	**1**

General Statistics

Time Interval	Vehicles Surveyed	Average Occupancy
07:00:00	27	0.52
07:15:00	40	0.75
07:30:00	55	0.55
07:45:00	65	0.60
08:00:00	66	0.74
08:15:00	56	0.70
08:30:00	80	0.76
08:45:00	72	1.04
09:00:00	60	1.17
09:15:00	50	0.96
09:30:00	86	1.12
09:45:00	65	1.40
Grand Total	**722**	**0.89**

London Taxi	07:57		1					
Private Hire	07:58	1						
Other	07:58	1						
London Taxi	07:58		1					
London Taxi	07:58	1						
Private Hire	07:58	1						
Other	07:58	1						
London Taxi	07:58	1						
Other	07:58	1						
Private Hire	07:58			1				
London Taxi	07:59		1					
London Taxi	07:59			1				
London Taxi	07:59	1						
London Taxi	07:59	1						
London Taxi	07:59	1						
London Taxi	08:00		1					
London Taxi	08:00	1						
London Taxi	08:00	1						
London Taxi	08:00	1						
London Taxi	08:00		1					
London Taxi	08:00	1						
London Taxi	08:01		1					
Other	08:01	1						
London Taxi	08:01		1					
London Taxi	08:01		1					
London Taxi	08:01		1					
Private Hire	08:01	1						
London Taxi	08:01		1					
London Taxi	08:02			1				
London Taxi	08:02		1					
London Taxi	08:02	1						
London Taxi	08:02		1					
London Taxi	08:02			1				
London Taxi	08:02		1					
Private Hire	08:03		1					
London Taxi	08:03	1						
London Taxi	08:03	1						
London Taxi	08:03		1					
London Taxi	08:04	1						
London Taxi	08:04		1					
London Taxi	08:04	1						
London Taxi	08:04			1				
Other	08:04	1						
London Taxi	08:05		1					
London Taxi	08:05		1					
London Taxi	08:06		1					
London Taxi	08:06		1					
London Taxi	08:06	1						
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London Taxi	08:07		1					
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London Taxi	08:08		1					
London Taxi	08:08		1					
London Taxi	08:08		1					
London Taxi	08:08		1					
Private Hire	08:08		1					
London Taxi	08:09			1				
London Taxi	08:09			1				
London Taxi	08:10	1						
London Taxi	08:10		1					
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London Taxi	08:12			1				
London Taxi	08:12		1					
London Taxi	08:12	1						
London Taxi	08:13	1						
Private Hire	08:13		1					
London Taxi	08:14	1						
London Taxi	08:14	1						
Private Hire	08:14	1						
London Taxi	08:15	1						
London Taxi	08:15		1					
London Taxi	08:16			1				
London Taxi	08:16	1						
London Taxi	08:16		1					
London Taxi	08:16			1				
London Taxi	08:16		1					
Private Hire	08:16	1						
London Taxi	08:17		1					
London Taxi	08:17		1					
London Taxi	08:17		1					
London Taxi	08:18		1					
London Taxi	08:18	1						
London Taxi	08:18		1					
London Taxi	08:19		1					
London Taxi	08:19		1					
London Taxi	08:19	1						
Private Hire	08:19		1					
Other	08:19		1					
Other	08:19	1						
London Taxi	08:20		1					
London Taxi	08:20	1						
London Taxi	08:20		1					
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London Taxi	08:22		1					
London Taxi	08:23		1					
London Taxi	08:23					1		
Private Hire	08:23	1						
London Taxi	08:23	1						
London Taxi	08:24	1						
Private Hire	08:24		1					
London Taxi	08:25		1					
Private Hire	08:25		1					
London Taxi	08:25		1					
London Taxi	08:25		1					
London Taxi	08:25	1						
London Taxi	08:25	1						
London Taxi	08:26	1						
Other	08:26	1						
Private Hire	08:27	1						
London Taxi	08:27		1					
London Taxi	08:28	1						
London Taxi	08:28	1						
Other	08:28	1						
London Taxi	08:29	1						
London Taxi	08:29		1					
London Taxi	08:29		1					
London Taxi	08:30		1					
London Taxi	08:30	1						
London Taxi	08:30	1						
London Taxi	08:30		1					
Private Hire	08:31		1					
London Taxi	08:31		1					
Private Hire	08:31	1						
London Taxi	08:31	1						
London Taxi	08:32		1					
London Taxi	08:32	1						
Private Hire	08:32		1					
London Taxi	08:32		1					
London Taxi	08:32	1						
London Taxi	08:32	1						
London Taxi	08:32	1						
London Taxi	08:32	1						
London Taxi	08:33		1					
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London Taxi	08:34	1						
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London Taxi	08:34	1						
Private Hire	08:34		1					
London Taxi	08:35		1					
London Taxi	08:35		1					
London Taxi	08:35		1					
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London Taxi	08:35		1					
London Taxi	08:36		1					
Other	08:36	1						
London Taxi	08:36	1						
London Taxi	08:36	1						
London Taxi	08:36		1					
London Taxi	08:37		1					
London Taxi	08:37		1					
London Taxi	08:37			1				
London Taxi	08:37	1						
London Taxi	08:38		1					
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London Taxi	08:38		1					
London Taxi	08:38	1						
London Taxi	08:38		1					
London Taxi	08:38		1					
London Taxi	08:38			1				
London Taxi	08:39	1						
London Taxi	08:39		1					

London Taxi	08:39		1					
London Taxi	08:39		1					
London Taxi	08:39		1					
London Taxi	08:39			1				
Private Hire	08:39	1						
London Taxi	08:39	1						
London Taxi	08:39		1					
London Taxi	08:40		1					
Private Hire	08:40		1					
London Taxi	08:41		1					
London Taxi	08:41	1						
London Taxi	08:41		1					
London Taxi	08:41		1					
London Taxi	08:41		1					
Private Hire	08:42	1						
Private Hire	08:42	1						
Other	08:42	1						
London Taxi	08:42			1				
London Taxi	08:42		1					
London Taxi	08:42		1					
London Taxi	08:43	1						
London Taxi	08:43			1				
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London Taxi	08:43			1				
London Taxi	08:44			1				
London Taxi	08:44		1					
London Taxi	08:44		1					
London Taxi	08:44		1					
Other	08:44	1						
London Taxi	08:44		1					
Private Hire	08:44			1				
London Taxi	08:45		1					
London Taxi	08:45		1					
London Taxi	08:45		1					
London Taxi	08:45		1					
London Taxi	08:46		1					
London Taxi	08:46		1					
London Taxi	08:46		1					
London Taxi	08:46		1					
London Taxi	08:46			1				
London Taxi	08:47		1					
London Taxi	08:47		1					
London Taxi	08:47		1					
Private Hire	08:47		1					
London Taxi	08:47			1				
London Taxi	08:48					1		
London Taxi	08:48			1				
London Taxi	08:48			1				
Private Hire	08:48	1						
Private Hire	08:48	1						
Private Hire	08:48		1					
London Taxi	08:49		1					
London Taxi	08:49		1					
London Taxi	08:49			1				
London Taxi	08:49			1				
London Taxi	08:49			1				
London Taxi	08:49		1					
London Taxi	08:49	1						
Private Hire	08:50	1						
London Taxi	08:50			1				
London Taxi	08:50			1				
London Taxi	08:51		1					
Private Hire	08:51		1					
London Taxi	08:51		1					
London Taxi	08:51		1					
London Taxi	08:51	1						
London Taxi	08:51		1					
Private Hire	08:51	1						
London Taxi	08:52		1					
Other	08:53	1						
Private Hire	08:53	1						
London Taxi	08:53	1						
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London Taxi	08:53		1					
London Taxi	08:53		1					
Private Hire	08:53	1						
London Taxi	08:54		1					
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London Taxi	08:56			1				
London Taxi	08:56		1					
London Taxi	08:56		1					
Private Hire	08:57	1						
Private Hire	08:57	1						
London Taxi	08:57		1					
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London Taxi	08:57		1					
Other	08:58		1					
London Taxi	08:58		1					
London Taxi	08:59		1					
London Taxi	08:59		1					
London Taxi	08:59			1				
London Taxi	09:00		1					
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London Taxi	09:00			1				
London Taxi	09:01		1					
London Taxi	09:01	1						
London Taxi	09:01		1					
London Taxi	09:02		1					
London Taxi	09:02		1					
Other	09:02	1						
Private Hire	09:02			1				
Private Hire	09:02			1				
Private Hire	09:03		1					
London Taxi	09:03		1					
London Taxi	09:03		1					
London Taxi	09:03		1					
London Taxi	09:03		1					
Private Hire	09:04							1
Other	09:04	1						
London Taxi	09:05		1					
London Taxi	09:05		1					
London Taxi	09:05						1	
Private Hire	09:06	1						
London Taxi	09:06		1					
London Taxi	09:06	1						
Other	09:06	1						
London Taxi	09:06		1					
Private Hire	09:07	1						
London Taxi	09:07		1					
London Taxi	09:07		1					
London Taxi	09:08	1						
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London Taxi	09:10		1					
London Taxi	09:10				1			
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London Taxi	09:11					1		
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London Taxi	09:11				1			
London Taxi	09:12		1					
London Taxi	09:12				1			
Private Hire	09:12		1					
London Taxi	09:13					1		
London Taxi	09:13		1					
Other	09:13	1						
London Taxi	09:13		1					
London Taxi	09:13				1			
London Taxi	09:13		1					
Private Hire	09:13	1						
London Taxi	09:13		1					
London Taxi	09:14		1					
London Taxi	09:14		1					
Private Hire	09:15	1						
London Taxi	09:15		1					
London Taxi	09:16				1			
London Taxi	09:16		1					
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London Taxi	09:16		1					
London Taxi	09:17		1					
London Taxi	09:17		1					
London Taxi	09:17		1					
London Taxi	09:17		1					
Private Hire	09:17		1					
Private Hire	09:18		1					
London Taxi	09:18		1					
London Taxi	09:18		1					
Private Hire	09:18		1					
London Taxi	09:19		1					
London Taxi	09:19				1			
London Taxi	09:19	1						
London Taxi	09:19		1					
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London Taxi	09:19		1					
London Taxi	09:19		1					

London Taxi	09:20		1					
London Taxi	09:20	1						
London Taxi	09:25			1				
London Taxi	09:25			1				
London Taxi	09:25		1					
Other	09:25	1						
London Taxi	09:26	1						
London Taxi	09:26		1					
Private Hire	09:26	1						
Private Hire	09:26		1					
London Taxi	09:27		1					
London Taxi	09:27			1				
London Taxi	09:27		1					
London Taxi	09:28	1						
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London Taxi	09:28			1				
London Taxi	09:29		1					
London Taxi	09:29		1					
Other	09:29	1						
London Taxi	09:29		1					
London Taxi	09:29		1					
London Taxi	09:29		1					
London Taxi	09:30		1					
London Taxi	09:30		1					
London Taxi	09:30		1					
London Taxi	09:30		1					
London Taxi	09:30		1					
London Taxi	09:30		1					
London Taxi	09:31		1					
London Taxi	09:31			1				
London Taxi	09:31		1					
Other	09:31	1						
London Taxi	09:31		1					
London Taxi	09:31			1				
London Taxi	09:31			1				
London Taxi	09:32		1					
London Taxi	09:32		1					
Private Hire	09:32	1						
London Taxi	09:33			1				
London Taxi	09:33		1					
Other	09:33	1						
London Taxi	09:33							1
London Taxi	09:34		1					
Other	09:34	1						
London Taxi	09:34		1					
London Taxi	09:34			1				
London Taxi	09:34			1				
London Taxi	09:34	1						
London Taxi	09:34			1				
London Taxi	09:35		1					
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London Taxi	09:35	1						
London Taxi	09:36			1				
London Taxi	09:36	1						
London Taxi	09:36		1					
London Taxi	09:36	1						
Private Hire	09:36	1						
London Taxi	09:36		1					
London Taxi	09:36			1				
London Taxi	09:36		1					
London Taxi	09:36		1					
London Taxi	09:37		1					
London Taxi	09:37	1						
London Taxi	09:37	1						
Private Hire	09:37	1						
London Taxi	09:37			1				
London Taxi	09:38		1					
London Taxi	09:38						1	
London Taxi	09:38		1					
London Taxi	09:39		1					
London Taxi	09:39		1					
London Taxi	09:39		1					
London Taxi	09:39		1					
London Taxi	09:39		1					
Other	09:39	1						
Private Hire	09:39	1						
London Taxi	09:40			1				
Private Hire	09:40			1				
London Taxi	09:40		1					
London Taxi	09:40		1					
London Taxi	09:41		1					
London Taxi	09:41		1					
London Taxi	09:41		1					
London Taxi	09:41		1					
London Taxi	09:41		1					
London Taxi	09:41		1					
London Taxi	09:41		1					
London Taxi	09:42		1					
London Taxi	09:42	1						
London Taxi	09:42			1				
Other	09:42	1						
Other	09:42	1						
London Taxi	09:43					1		
Private Hire	09:43				1			
London Taxi	09:43		1					
London Taxi	09:43		1					
Private Hire	09:43						1	
London Taxi	09:43		1					
Other	09:44	1						
London Taxi	09:44				1			
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London Taxi	09:44		1					
London Taxi	09:44		1					
London Taxi	09:44				1			
London Taxi	09:44		1					
London Taxi	09:45				1			
Private Hire	09:45						1	
London Taxi	09:46				1			
London Taxi	09:46						1	
London Taxi	09:47	1						
Other	09:47	1						
London Taxi	09:48		1					
London Taxi	09:48		1					
London Taxi	09:48		1					
London Taxi	09:48							1
London Taxi	09:48						1	
London Taxi	09:49	1						
Private Hire	09:49	1						
London Taxi	09:49		1					
London Taxi	09:49		1					
Private Hire	09:50		1					
London Taxi	09:50		1					
London Taxi	09:50		1					
London Taxi	09:51				1			
London Taxi	09:51		1					
London Taxi	09:51		1					
Private Hire	09:51		1					
Private Hire	09:52		1					
London Taxi	09:52		1					
London Taxi	09:52		1					
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London Taxi	09:52		1					
London Taxi	09:52				1			
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London Taxi	09:53		1					
London Taxi	09:54		1					
London Taxi	09:54		1					
London Taxi	09:54		1					
London Taxi	09:54				1			
Other	09:54	1						
Private Hire	09:54	1						
Private Hire	09:54	1						
London Taxi	09:55				1			
London Taxi	09:55		1					
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London Taxi	09:57		1					
London Taxi	09:57				1			
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London Taxi	09:59				1			
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London Taxi	09:59				1			
London Taxi	09:59		1					
London Taxi	09:59		1					
London Taxi	09:59		1					
Private Hire	09:59	1						
London Taxi	09:59		1					
London Taxi	09:59						1	
Private Hire	09:59				1			
	TOTAL	232	375	96	7	7	4	1

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Station Taxi Area
Direction: Entry
Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Classification	Time (hh:mm)	Number of passengers						
		0	1	2	3	4	5	6+
Private Hire	16:00		1					
London Taxi	16:01	1						
London Taxi	16:01	1						
London Taxi	16:01	1						
London Taxi	16:01		1					
London Taxi	16:01		1					
Private Hire	16:01	1						
Private Hire	16:01					1		
London Taxi	16:03	1						
London Taxi	16:03	1						
London Taxi	16:03		1					
London Taxi	16:03		1					
London Taxi	16:03		1					
London Taxi	16:05			1				
London Taxi	16:05	1						
London Taxi	16:05		1					
London Taxi	16:05		1					
London Taxi	16:05		1					
London Taxi	16:05		1					
London Taxi	16:07			1				
London Taxi	16:07			1				
London Taxi	16:07	1						
London Taxi	16:07	1						
London Taxi	16:07	1						
London Taxi	16:07	1						
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London Taxi	16:07		1					
London Taxi	16:07		1					
London Taxi	16:07		1					
London Taxi	16:07		1					
London Taxi	16:07		1					
London Taxi	16:07		1					
London Taxi	16:07		1					
Other	16:07	1						
Private Hire	16:07			1				
Private Hire	16:07	1						
London Taxi	16:08			1				
London Taxi	16:08			1				
London Taxi	16:08	1						
London Taxi	16:08		1					
London Taxi	16:08		1					
London Taxi	16:08		1					
Private Hire	16:08			1				
London Taxi	16:10			1				
London Taxi	16:10	1						
London Taxi	16:10	1						
London Taxi	16:10	1						
London Taxi	16:10		1					
London Taxi	16:10		1					
London Taxi	16:10		1					
London Taxi	16:10		1					
London Taxi	16:10		1					
Private Hire	16:10					1		
London Taxi	16:12			1				
London Taxi	16:12		1					
London Taxi	16:12		1					
London Taxi	16:12		1					
London Taxi	16:12		1					
London Taxi	16:12		1					
Private Hire	16:12		1					
London Taxi	16:13		1					
London Taxi	16:13		1					
London Taxi	16:13		1					
Other	16:13	1						
Other	16:13	1						
Other	16:13		1					
London Taxi	16:14			1				
London Taxi	16:14				1			
London Taxi	16:14				1			
London Taxi	16:14		1					
Private Hire	16:14		1					
London Taxi	16:15			1				
London Taxi	16:15			1				
London Taxi	16:15	1						
London Taxi	16:15	1						
London Taxi	16:15		1					
London Taxi	16:15		1					
London Taxi	16:15		1					
London Taxi	16:15		1					
London Taxi	16:15		1					
Private Hire	16:15	1						
London Taxi	16:17			1				
London Taxi	16:17	1						
London Taxi	16:17	1						
London Taxi	16:17	1						
London Taxi	16:17		1					
London Taxi	16:17		1					
London Taxi	16:18			1				
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London Taxi	16:18		1			1		
London Taxi	16:18		1					
London Taxi	16:20	1						
London Taxi	16:20				1			
London Taxi	16:20		1					
Other	16:20		1					
Private Hire	16:20		1					
London Taxi	16:21			1				
London Taxi	16:21	1						
London Taxi	16:21	1						
London Taxi	16:21	1						
London Taxi	16:21		1					
London Taxi	16:21		1					
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London Taxi	16:22			1				
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London Taxi	16:22		1					
London Taxi	16:22		1					
Private Hire	16:22		1					
London Taxi	16:23	1						
London Taxi	16:23		1					
London Taxi	16:24	1						
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London Taxi	16:24		1					
London Taxi	16:24		1					
London Taxi	16:24		1					
Private Hire	16:24			1				
Private Hire	16:24			1				
Private Hire	16:24	1						
Private Hire	16:24		1					
London Taxi	16:25		1					
London Taxi	16:25		1					
London Taxi	16:25		1					
London Taxi	16:25		1					
London Taxi	16:25		1					
Other	16:25		1					
Private Hire	16:25		1					
Private Hire	16:25		1					
London Taxi	16:27	1						
London Taxi	16:27		1					
London Taxi	16:27		1					
London Taxi	16:27		1					
London Taxi	16:27		1					
London Taxi	16:27		1					
London Taxi	16:27		1					
Private Hire	16:27			1				
London Taxi	16:28			1				

Time Interval	0 Passengers	1 Passenger	2 Passengers	3 Passengers	4 Passengers	5 Passengers	6+ Passengers
16:00:00	19	42	10	2	2		
16:15:00	25	53	15	1	1		
16:30:00	21	37	18	1	4		
16:45:00	15	25	7	2			
17:00:00	28	30	12	4			
17:15:00	13	33	13	4	1		
17:30:00	16	29	20	4	1	1	
17:45:00	16	17	7	3	1		
18:00:00	21	31	13	4	1		
18:15:00	7	28	11	3	3		
18:30:00	11	35	18	5	4		
18:45:00	6	19	10	7	1		
19:00:00		1	1				
Grand Total	**198**	**380**	**155**	**40**	**19**	**1**	

General Statistics

Time Interval	Vehicles Surveyed	Average Occupancy
16:00:00	75	1.01
16:15:00	95	0.95
16:30:00	81	1.14
16:45:00	49	0.92
17:00:00	74	0.89
17:15:00	64	1.17
17:30:00	71	1.27
17:45:00	44	1.00
18:00:00	70	1.04
18:15:00	52	1.37
18:30:00	73	1.40
18:45:00	43	1.49
19:00:00	2	1.50
Grand Total	**793**	**1.12**

London Taxi	16:28			1				
London Taxi	16:28			1				
London Taxi	16:28	1						
London Taxi	16:28		1					
London Taxi	16:28		1					
London Taxi	16:28		1					
London Taxi	16:28		1					
Private Hire	16:28	1						
Private Hire	16:28		1					
Private Hire	16:28		1					
Private Hire	16:28		1					
London Taxi	16:30			1				
London Taxi	16:30		1					
London Taxi	16:30		1					
London Taxi	16:30		1					
London Taxi	16:30		1					
London Taxi	16:30		1					
Private Hire	16:30	1						
Private Hire	16:30		1					
London Taxi	16:31		1					
London Taxi	16:31		1					
Private Hire	16:31						1	
Private Hire	16:31					1		
London Taxi	16:32			1				
London Taxi	16:32		1					
London Taxi	16:32		1					
London Taxi	16:32		1					
Other	16:32			1				
Private Hire	16:32			1				
Private Hire	16:32			1				
London Taxi	16:34			1				
London Taxi	16:34			1				
London Taxi	16:34			1				
London Taxi	16:34	1						
London Taxi	16:34	1						
London Taxi	16:34		1					
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London Taxi	16:35			1				
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London Taxi	16:35	1						
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London Taxi	16:35		1					
London Taxi	16:36			1				
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London Taxi	16:36		1					
London Taxi	16:36		1					
London Taxi	16:36		1					
Private Hire	16:36			1				
Private Hire	16:36						1	
London Taxi	16:38	1						
London Taxi	16:38	1						
London Taxi	16:38		1					
London Taxi	16:38		1					
Private Hire	16:38						1	
London Taxi	16:40			1				
London Taxi	16:40	1						
London Taxi	16:40	1						
London Taxi	16:40	1						
London Taxi	16:40	1						
London Taxi	16:40	1						
London Taxi	16:40	1						
London Taxi	16:40		1					
Other	16:40	1						
Private Hire	16:40			1				
Private Hire	16:40			1				
Private Hire	16:40	1						
London Taxi	16:41			1				
London Taxi	16:41		1					
London Taxi	16:41		1					
London Taxi	16:41		1					
London Taxi	16:41		1					
London Taxi	16:42	1						
London Taxi	16:42	1						
London Taxi	16:42		1					
London Taxi	16:42		1					
London Taxi	16:44		1					
London Taxi	16:44		1					
London Taxi	16:44		1					
Private Hire	16:44	1						
Private Hire	16:44						1	
London Taxi	16:45			1				
London Taxi	16:45			1				
London Taxi	16:45		1					
London Taxi	16:45		1					
London Taxi	16:45		1					
Private Hire	16:45	1						
Private Hire	16:45	1						
Private Hire	16:45		1					
Private Hire	16:45		1					
Private Hire	16:45		1					
London Taxi	16:46	1						
London Taxi	16:46		1					
London Taxi	16:46		1					
London Taxi	16:48			1				
London Taxi	16:48		1					
London Taxi	16:48		1					
London Taxi	16:48		1					
Other	16:48	1						
Private Hire	16:48		1					
London Taxi	16:49	1						
Other	16:49		1					
London Taxi	16:51	1						
London Taxi	16:51	1						
London Taxi	16:51		1					
London Taxi	16:51		1					
Other	16:51	1						
Private Hire	16:51			1				
Private Hire	16:51			1				
Private Hire	16:51	1						
Private Hire	16:51		1					
London Taxi	16:53	1						
London Taxi	16:53		1					
London Taxi	16:53		1					
London Taxi	16:54	1						
London Taxi	16:54					1		
Private Hire	16:54		1					
London Taxi	16:55	1						
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London Taxi	17:00					1		
London Taxi	17:00		1					
Private Hire	17:00		1					
London Taxi	17:01			1				
London Taxi	17:01	1						
London Taxi	17:01	1						
Private Hire	17:01	1						
London Taxi	17:02			1				
London Taxi	17:02			1				
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London Taxi	17:02		1					
London Taxi	17:04			1				
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London Taxi	17:04		1					
London Taxi	17:04		1					
Private Hire	17:04		1					
Private Hire	17:04		1					
London Taxi	17:05			1				
London Taxi	17:05	1						
London Taxi	17:05	1						
London Taxi	17:05		1					
London Taxi	17:05		1					
Other	17:06	1						

London Taxi	17:07			1				
London Taxi	17:07		1					
London Taxi	17:07		1					
London Taxi	17:08		1					
London Taxi	17:08				1			
Other	17:08	1						
London Taxi	17:09			1				
London Taxi	17:09	1						
London Taxi	17:09		1					
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London Taxi	17:10	1						
London Taxi	17:10		1					
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London Taxi	17:10				1			
Other	17:10		1					
London Taxi	17:11			1				
London Taxi	17:11			1				
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London Taxi	17:11		1					
Other	17:11		1					
Private Hire	17:11			1				
Private Hire	17:11	1						
Private Hire	17:11	1						
Private Hire	17:11	1						
London Taxi	17:12	1						
London Taxi	17:12		1					
London Taxi	17:12		1					
Private Hire	17:12	1						
London Taxi	17:13			1				
London Taxi	17:13		1					
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London Taxi	17:13		1					
London Taxi	17:13		1					
Other	17:13	1						
Private Hire	17:13	1						
Private Hire	17:13		1					
London Taxi	17:15				1			
London Taxi	17:15		1					
Private Hire	17:15		1					
Private Hire	17:15					1		
London Taxi	17:16	1						
London Taxi	17:16		1					
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London Taxi	17:18	1						
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London Taxi	17:18				1			
London Taxi	17:19			1				
London Taxi	17:19	1						
London Taxi	17:19		1					
Private Hire	17:19			1				
London Taxi	17:20			1				
London Taxi	17:20	1						
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London Taxi	17:20				1			
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London Taxi	17:20		1					
Private Hire	17:20	1						
Private Hire	17:20		1					
London Taxi	17:22			1				
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London Taxi	17:24			1				
London Taxi	17:24		1					
London Taxi	17:24		1					
Private Hire	17:24	1						
London Taxi	17:25	1						
London Taxi	17:25		1					
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Other	17:25	1						
Other	17:25	1						
London Taxi	17:26			1				
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London Taxi	17:26	1						
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London Taxi	17:26		1					
London Taxi	17:26		1					
Private Hire	17:26		1					
London Taxi	17:28		1					
London Taxi	17:28		1					
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London Taxi	17:28		1					
London Taxi	17:28		1					
Other	17:28		1					
Private Hire	17:28		1					
London Taxi	17:29		1					
London Taxi	17:29		1					
London Taxi	17:29		1					
Private Hire	17:29	1						
London Taxi	17:31			1				
London Taxi	17:31			1				
London Taxi	17:31	1						
London Taxi	17:31		1					
London Taxi	17:31		1					
Other	17:31	1						
Private Hire	17:31	1						
London Taxi	17:33			1				
London Taxi	17:33	1						
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London Taxi	17:33		1					
Private Hire	17:33			1				
Private Hire	17:33		1					
London Taxi	17:34		1					
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London Taxi	17:35		1					
Private Hire	17:35			1				
Private Hire	17:35		1					
London Taxi	17:36			1				
London Taxi	17:36			1				
London Taxi	17:36			1				
London Taxi	17:36		1					
London Taxi	17:36		1					
London Taxi	17:37		1					
London Taxi	17:37		1					
Private Hire	17:37	1						
London Taxi	17:38			1				
London Taxi	17:38	1						
London Taxi	17:38	1						
London Taxi	17:38		1					
London Taxi	17:39	1						
London Taxi	17:39				1			
London Taxi	17:39		1					
London Taxi	17:39		1					
London Taxi	17:39		1					
London Taxi	17:40			1				
London Taxi	17:40	1						
London Taxi	17:40	1						
London Taxi	17:40	1						
London Taxi	17:40						1	
Other	17:40			1				
Other	17:40		1					
Private Hire	17:40			1				
Private Hire	17:40	1						
London Taxi	17:41			1				
London Taxi	17:41	1						
London Taxi	17:41		1					
London Taxi	17:41		1					
Private Hire	17:41				1			
London Taxi	17:42			1				
London Taxi	17:42			1				
London Taxi	17:42			1				
London Taxi	17:42		1					
Private Hire	17:42			1				
London Taxi	17:43			1				
London Taxi	17:43		1					
London Taxi	17:43		1					
London Taxi	17:43		1					
London Taxi	17:43		1					
Private Hire	17:43				1			

London Taxi	17:44			1				
Private Hire	17:44					1		
London Taxi	17:45	1						
London Taxi	17:45	1						
London Taxi	17:45	1						
London Taxi	17:45		1					
London Taxi	17:45		1					
London Taxi	17:45		1					
London Taxi	17:45		1					
Other	17:45		1					
Private Hire	17:45				1			
London Taxi	17:46	1						
London Taxi	17:46	1						
London Taxi	17:46				1			
London Taxi	17:48			1				
London Taxi	17:48			1				
London Taxi	17:48			1				
London Taxi	17:48	1						
London Taxi	17:48		1					
Private Hire	17:48		1					
London Taxi	17:49			1				
London Taxi	17:49	1						
London Taxi	17:49		1					
Private Hire	17:49	1						
London Taxi	17:50		1					
London Taxi	17:50		1					
London Taxi	17:53	1						
London Taxi	17:53	1						
London Taxi	17:53		1					
London Taxi	17:53		1					
London Taxi	17:53		1					
Private Hire	17:53	1						
London Taxi	17:55	1						
London Taxi	17:55		1					
London Taxi	17:55		1					
Private Hire	17:55	1						
London Taxi	17:56			1				
London Taxi	17:56					1		
London Taxi	17:57			1				
Private Hire	17:57				1			
London Taxi	17:58		1					
London Taxi	17:59			1				
London Taxi	17:59	1						
London Taxi	17:59	1						
London Taxi	17:59	1						
Private Hire	17:59		1					
London Taxi	18:00			1				
London Taxi	18:00			1				
London Taxi	18:00	1						
London Taxi	18:00	1						
London Taxi	18:00		1					
London Taxi	18:00		1					
London Taxi	18:00		1					
Private Hire	18:00		1					
London Taxi	18:01			1				
London Taxi	18:01	1						
London Taxi	18:01		1					
Private Hire	18:01			1				
Private Hire	18:01	1						
London Taxi	18:03	1						
London Taxi	18:04	1						
London Taxi	18:04	1						
London Taxi	18:04				1			
London Taxi	18:04		1					
London Taxi	18:04		1					
London Taxi	18:04				1			
London Taxi	18:04		1					
Other	18:04			1				
Private Hire	18:04		1					
Private Hire	18:04		1					
London Taxi	18:05			1				
London Taxi	18:05	1						
London Taxi	18:05	1						
London Taxi	18:06	1						
London Taxi	18:06		1					
London Taxi	18:06					1		
London Taxi	18:06		1					
Private Hire	18:06		1					
Private Hire	18:06		1					
London Taxi	18:07	1						
London Taxi	18:07	1						
London Taxi	18:07		1					
London Taxi	18:07		1					
London Taxi	18:07		1					
London Taxi	18:07				1			
Other	18:07	1						
London Taxi	18:09			1				
London Taxi	18:10			1				
London Taxi	18:10			1				
London Taxi	18:10		1					
London Taxi	18:10		1					
Other	18:10			1				
Private Hire	18:10	1						
Private Hire	18:10		1					
London Taxi	18:11			1				
London Taxi	18:11		1					
London Taxi	18:11		1					
London Taxi	18:11		1					
Private Hire	18:11	1						
London Taxi	18:12			1				
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London Taxi	18:12	1						
London Taxi	18:12	1						
London Taxi	18:12				1			
London Taxi	18:12		1					
Private Hire	18:12		1					
London Taxi	18:13			1				
London Taxi	18:13	1						
London Taxi	18:13	1						
London Taxi	18:13		1					
London Taxi	18:13		1					
London Taxi	18:13		1					
Other	18:13	1						
Private Hire	18:13		1					
London Taxi	18:15			1				
London Taxi	18:15	1						
London Taxi	18:16	1						
London Taxi	18:16		1					
London Taxi	18:16		1					
London Taxi	18:17			1				
London Taxi	18:17			1				
London Taxi	18:17		1					
London Taxi	18:17		1					
Private Hire	18:17		1					
London Taxi	18:18		1					
London Taxi	18:18		1					
London Taxi	18:18		1					
London Taxi	18:18		1					
London Taxi	18:19	1						
London Taxi	18:19		1					
Private Hire	18:19		1					
Private Hire	18:19		1					
London Taxi	18:20			1				
London Taxi	18:20		1					
London Taxi	18:21	1						
London Taxi	18:21		1					
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London Taxi	18:21		1					
London Taxi	18:23			1				
London Taxi	18:23		1					
Private Hire	18:23			1				
Private Hire	18:23			1				
Private Hire	18:23		1					
London Taxi	18:25			1				
London Taxi	18:25		1					
London Taxi	18:25				1			
London Taxi	18:25		1					
London Taxi	18:25					1		
London Taxi	18:27			1				
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London Taxi	18:27		1					
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London Taxi	18:27		1					
London Taxi	18:27				1			
London Taxi	18:27		1					
London Taxi	18:27		1					
Private Hire	18:27	1						
London Taxi	18:28			1				
London Taxi	18:28	1						
London Taxi	18:28		1					
Private Hire	18:28					1		
Private Hire	18:28				1			
London Taxi	18:29					1		
Other	18:29	1						
London Taxi	18:30			1				
London Taxi	18:30			1				
London Taxi	18:30			1				
London Taxi	18:30	1						
London Taxi	18:30	1						
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London Taxi	18:30		1					
London Taxi	18:30					1		
London Taxi	18:30				1			
London Taxi	18:30				1			
Private Hire	18:30			1				
Private Hire	18:30		1					
London Taxi	18:31	1						
London Taxi	18:31	1						
London Taxi	18:31		1					
London Taxi	18:31		1					
London Taxi	18:31		1					
Private Hire	18:31	1						
Private Hire	18:31	1						
Private Hire	18:31		1					
London Taxi	18:32			1				
London Taxi	18:32			1				
London Taxi	18:32	1						
London Taxi	18:32				1			
London Taxi	18:32		1					
London Taxi	18:33		1					
London Taxi	18:33		1					
London Taxi	18:33		1					
Private Hire	18:33		1					
London Taxi	18:34		1					
Private Hire	18:34		1					
London Taxi	18:36		1					
London Taxi	18:36					1		
London Taxi	18:36		1					
Private Hire	18:36			1				
Private Hire	18:36		1					
London Taxi	18:37			1				
London Taxi	18:37			1				
London Taxi	18:37			1				
London Taxi	18:37		1					
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London Taxi	18:38			1				
London Taxi	18:38		1					
London Taxi	18:38		1					
London Taxi	18:38		1					
Private Hire	18:38			1				
Private Hire	18:38		1					
London Taxi	18:40			1				
London Taxi	18:40		1					
Private Hire	18:40			1				
London Taxi	18:41			1				
London Taxi	18:41					1		
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London Taxi	18:42			1				
London Taxi	18:42			1				
London Taxi	18:42				1			
London Taxi	18:42		1					
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Other	18:42			1				
London Taxi	18:43	1						
London Taxi	18:43	1						
London Taxi	18:43	1						
London Taxi	18:43		1					
London Taxi	18:43		1					
Private Hire	18:43		1					
Private Hire	18:43		1					
London Taxi	18:44	1						
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London Taxi	18:44		1					
London Taxi	18:45		1					
London Taxi	18:47			1				
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London Taxi	18:47				1			
London Taxi	18:47		1					
London Taxi	18:47				1			
London Taxi	18:47		1					
Private Hire	18:47			1				
Private Hire	18:47		1					
Private Hire	18:47				1			
London Taxi	18:48			1				
London Taxi	18:48	1						
London Taxi	18:49			1				
London Taxi	18:49				1			
London Taxi	18:49		1					
London Taxi	18:50			1				
London Taxi	18:50		1					
London Taxi	18:50		1					
Private Hire	18:50		1					
London Taxi	18:51			1				
London Taxi	18:51	1						
London Taxi	18:51		1					
London Taxi	18:52			1				
Private Hire	18:52	1						
Private Hire	18:52		1					
London Taxi	18:53	1						
London Taxi	18:53	1						
London Taxi	18:53		1					
London Taxi	18:53					1		
London Taxi	18:53		1					
London Taxi	18:53					1		
Other	18:53	1						
London Taxi	18:56		1					
London Taxi	18:57					1		
London Taxi	18:57		1					
London Taxi	18:57		1					
Private Hire	18:57		1					
Private Hire	18:57		1					
London Taxi	18:58				1			
Other	18:58				1			
Private Hire	18:58		1					
London Taxi	18:59					1		
London Taxi	18:59		1					
London Taxi	19:00				1			
London Taxi	19:00		1					
	TOTAL	198	380	155	40	19	1	0

Intelligent Data Collection Limited

Client: Arup
Date: 12.06.2014
Project Number: ID01981
Junction Name: Euston Station Taxi Area
Direction: Exit

Input by: Hannah Lacy
Checked by: Luke Martin

Vehicle Classification	Time (hh:mm)	Number of passengers						
		0	1	2	3	4	5	6+
London Taxi	16:00	1						
Other	16:00	1						
London Taxi	16:00		1					
London Taxi	16:00	1						
London Taxi	16:00		1					
London Taxi	16:00	1						
London Taxi	16:00	1						
London Taxi	16:01	1						
London Taxi	16:01		1					
Private Hire	16:01		1					
London Taxi	16:01		1					
London Taxi	16:01		1					
London Taxi	16:02		1					
London Taxi	16:02		1					
London Taxi	16:02	1						
London Taxi	16:02	1						
London Taxi	16:02		1					
London Taxi	16:03	1						
Other	16:03	1						
Private Hire	16:04			1				
London Taxi	16:04	1						
Private Hire	16:04			1				
London Taxi	16:04	1						
Private Hire	16:05	1						
London Taxi	16:05	1						
London Taxi	16:05					1		
London Taxi	16:05	1						
London Taxi	16:05	1						
London Taxi	16:06						1	
London Taxi	16:06			1				
London Taxi	16:06		1					
London Taxi	16:06	1						
London Taxi	16:06		1					
London Taxi	16:06			1				
London Taxi	16:07	1						
London Taxi	16:07			1				
London Taxi	16:07	1						
London Taxi	16:07			1				
London Taxi	16:07			1				
London Taxi	16:07	1						
London Taxi	16:07	1						
London Taxi	16:08			1				
Private Hire	16:09				1			
Other	16:09	1						
London Taxi	16:09	1						
Private Hire	16:09		1					
London Taxi	16:09	1						
London Taxi	16:09		1					
Private Hire	16:09	1						
Private Hire	16:10	1						
Private Hire	16:10		1					
London Taxi	16:10	1						
London Taxi	16:10		1					
London Taxi	16:10			1				
London Taxi	16:10	1						
London Taxi	16:11			1				
London Taxi	16:11		1					
Private Hire	16:11		1					
London Taxi	16:11		1					
London Taxi	16:11	1						
London Taxi	16:12			1				
London Taxi	16:12		1					
London Taxi	16:12	1						
London Taxi	16:12	1						
London Taxi	16:12	1						
London Taxi	16:12			1				
London Taxi	16:12	1						
Private Hire	16:12		1					
London Taxi	16:12	1						
Other	16:13	1						
London Taxi	16:13	1						
London Taxi	16:13		1					
London Taxi	16:13		1					
London Taxi	16:13		1					
London Taxi	16:14	1						
London Taxi	16:14	1						
London Taxi	16:14		1					
London Taxi	16:14					1		
London Taxi	16:14		1					
London Taxi	16:15	1						
London Taxi	16:16				1			
London Taxi	16:16				1			
London Taxi	16:16				1			
London Taxi	16:16			1				
Other	16:17	1						
London Taxi	16:17		1					
London Taxi	16:17		1					
London Taxi	16:17		1					
London Taxi	16:17		1					
London Taxi	16:17		1					
London Taxi	16:17				1			
London Taxi	16:17	1						
London Taxi	16:18	1						
Other	16:18	1						
London Taxi	16:18						1	
London Taxi	16:18		1					
London Taxi	16:18					1		
Private Hire	16:19		1					
London Taxi	16:19		1					
London Taxi	16:19		1					
London Taxi	16:19		1					
London Taxi	16:20			1				
Private Hire	16:20	1						
London Taxi	16:20			1				
London Taxi	16:20			1				
London Taxi	16:20		1					
Other	16:21	1						
London Taxi	16:21	1						
London Taxi	16:21	1						
London Taxi	16:21	1						
Private Hire	16:21		1					
London Taxi	16:22	1						
London Taxi	16:22	1						
London Taxi	16:22			1				
London Taxi	16:22		1					
Private Hire	16:22				1			
London Taxi	16:22	1						
London Taxi	16:22	1						
London Taxi	16:22			1				
London Taxi	16:22	1						
London Taxi	16:23		1					
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London Taxi	16:23				1			
London Taxi	16:23	1						
London Taxi	16:23		1					
London Taxi	16:23		1					
London Taxi	16:23	1						
London Taxi	16:24			1				
London Taxi	16:24		1					
London Taxi	16:24	1						
Other	16:24		1					
London Taxi	16:24						1	
London Taxi	16:25			1				
London Taxi	16:25	1						
Private Hire	16:25	1						
Private Hire	16:25	1						
London Taxi	16:25	1						
Other	16:25	1						
London Taxi	16:26					1		
London Taxi	16:26		1					
London Taxi	16:26		1					
London Taxi	16:27	1						
London Taxi	16:27		1					
London Taxi	16:27		1					
London Taxi	16:27		1					

Time Interval	0 Passengers	1 Passenger	2 Passengers	3 Passengers	4 Passengers	5 Passengers	6+ Passengers
16:00:00	38	25	12	1	2	1	
16:15:00	26	31	10	7	3	3	
16:30:00	39	25	8	1	1		
16:45:00	20	21	13	1			
17:00:00	15	34	9	3		1	
17:15:00	10	34	11				
17:30:00	34	9	6	2	2		
17:45:00	12	36	11	2	1		
18:00:00	11	36	8				
18:15:00	14	26	7	1			1
18:30:00	24	23	9		1		
18:45:00	12	29	5	1			
19:00:00	1						
Grand Total	**256**	**329**	**109**	**19**	**10**	**5**	**1**

General Statistics

Time Interval	Vehicles Surveyed	Average Occupancy
16:00:00	79	0.82
16:15:00	80	1.24
16:30:00	74	0.65
16:45:00	55	0.91
17:00:00	62	1.06
17:15:00	55	1.02
17:30:00	53	0.66
17:45:00	62	1.10
18:00:00	55	0.95
18:15:00	49	1.00
18:30:00	57	0.79
18:45:00	47	0.89
19:00:00	1	0.00
Grand Total	**729**	**0.93**

London Taxi	16:27		1					
London Taxi	16:27	1						
London Taxi	16:27		1					
London Taxi	16:27		1					
London Taxi	16:28		1					
London Taxi	16:28		1					
Other	16:28	1						
London Taxi	16:28		1					
London Taxi	16:28						1	
London Taxi	16:28				1			
Private Hire	16:29		1					
London Taxi	16:29		1					
London Taxi	16:29			1				
London Taxi	16:29					1		
Private Hire	16:30		1					
London Taxi	16:30	1						
London Taxi	16:30	1						
London Taxi	16:30		1					
Private Hire	16:30		1					
London Taxi	16:30			1				
London Taxi	16:30	1						
London Taxi	16:31	1						
London Taxi	16:31	1						
London Taxi	16:31		1					
London Taxi	16:31	1						
Other	16:32	1						
London Taxi	16:32		1					
London Taxi	16:32	1						
London Taxi	16:32			1				
London Taxi	16:32		1					
London Taxi	16:32	1						
London Taxi	16:32		1					
London Taxi	16:33	1						
Private Hire	16:33	1						
London Taxi	16:33		1					
Private Hire	16:33		1					
Private Hire	16:33	1						
London Taxi	16:33	1						
London Taxi	16:34						1	
London Taxi	16:34				1			
Other	16:34	1						
London Taxi	16:35					1		
London Taxi	16:35	1						
London Taxi	16:35	1						
London Taxi	16:35	1						
London Taxi	16:35	1						
London Taxi	16:35		1					
Private Hire	16:35				1			
London Taxi	16:35	1						
London Taxi	16:35	1						
London Taxi	16:36				1			
London Taxi	16:36	1						
London Taxi	16:36	1						
Private Hire	16:36		1					
Private Hire	16:36				1			
London Taxi	16:36	1						
Private Hire	16:37	1						
London Taxi	16:38	1						
London Taxi	16:38	1						
London Taxi	16:38		1					
London Taxi	16:38		1					
Private Hire	16:39		1					
London Taxi	16:39		1					
London Taxi	16:39				1			
Private Hire	16:39	1						
London Taxi	16:39	1						
Private Hire	16:39		1					
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London Taxi	16:40	1						
London Taxi	16:41				1			
London Taxi	16:41	1						
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London Taxi	16:42		1					
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London Taxi	16:42	1						
London Taxi	16:43		1					
Private Hire	16:43		1					
Private Hire	16:43	1						
London Taxi	16:43	1						
London Taxi	16:44		1					
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London Taxi	16:44		1					
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London Taxi	16:45				1			
London Taxi	16:45	1						
London Taxi	16:45		1					
London Taxi	16:46				1			
Private Hire	16:46	1						
Private Hire	16:46		1					
London Taxi	16:46	1						
London Taxi	16:46	1						
Private Hire	16:46	1						
London Taxi	16:47	1						
London Taxi	16:47				1			
Other	16:47		1					
London Taxi	16:48		1					
London Taxi	16:48	1						
London Taxi	16:48	1						
London Taxi	16:49				1			
Other	16:49	1						
London Taxi	16:49	1						
London Taxi	16:49	1						
Private Hire	16:50		1					
London Taxi	16:50		1					
London Taxi	16:50	1						
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London Taxi	16:52		1					
Private Hire	16:52		1					
London Taxi	16:53	1						
London Taxi	16:53				1			
Private Hire	16:54					1		
Private Hire	16:54		1					
London Taxi	16:54		1					
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Private Hire	16:54	1						
London Taxi	16:55		1					
Private Hire	16:55				1			
London Taxi	16:55				1			
London Taxi	16:55				1			
Private Hire	16:56				1			
Private Hire	16:56				1			
London Taxi	16:56	1						
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	TOTAL	256	329	109	19	10	5	1

High Speed Two (HS2) Limited
One Canada Square
London E14 5AB

T 020 7944 4908
E hs2enquiries@hs2.org.uk

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